

1. Agenda

Documents:

[2022-08-09 CITY COUNCIL - PUBLIC AGENDA-1737.PDF](#)

2. Meeting Materials

Documents:

[2022-08-09 CITY COUNCIL - FULL AGENDA-1737.PDF](#)

AGENDA

Regular Meeting of the
Nichols Hills City Council
Tuesday, August 9, 2022 at 5:30 PM
City Hall, 6407 Avondale Drive
Nichols Hills, OK 73116

If special assistance is needed for this meeting by any person wishing to attend, please contact the City Clerk's office no later than 48 hours prior to the meeting, and such assistance will be provided.

Official action may be taken by the City Council only on items that appear on this Agenda. The City Council may dispose of the business set out on this Agenda by accepting, approving, adopting, rejecting, amending, or postponing action as to each item, as determined by the City Council.

1. Call to Order and Pledge of Allegiance
2. Roll Call
3. Minutes
 - a. July 12, 2022 City Council Minutes
 - b. July 29, 2022 Special City Council Minutes
4. Departmental Reports

Consideration of acceptance, rejection, and/or postponement of the following:

- a. Police Department
- b. Municipal Court
- c. Fire Department
- d. Public Works
- e. Risk Manager
- f. New Resident List
- g. City Treasurer
- h. Finance Director
- i. Information System Manager
- j. Engineer

k. ACOG Report

5. Total Warrants & Claims \$747,766.38

- a. Consideration of acceptance, rejection, and/or postponement of the following: Claims List for 2022-2023

a. General Fund	\$333,270.68
b. Nichols Hills Municipal Authority	114,212.34
c. General Fund - CIP	3,825.72
d. Parks Fund	244,614.25
e. General Obligation Bond Funds	51,843.39

6. Consent Docket - Construction

Items on Consent Dockets are usually approved as a group upon a motion by one of the City Council members. However, members of the City Council may request discussion or separate action on any item on the Consent Dockets.

Consideration of approval, acceptance, rejection, amendment, and/or postponement of the following:

- a. Invoice No. 8254A with Howard-Fairbairn Site Design, Inc for the Love Family Park in the amount of \$16,275.00, to be paid from Park fund and other funds.
- b. Change Order No. 1 for the Love Family Park project with Rudy Construction Co. in the amount of \$20,415.00.

BACKGROUND: This change order increases the contract to \$982,115.00. The original contract was \$961,700.00.

- c. Pay Estimate No. 3 for Project No. FC-2102 with Rudy Construction Co. for Love Family Park Improvements in the amount of \$228,185.25.

BACKGROUND: City Engineer has verified quantities and recommends approval, to be paid from Park Fund and other funds.

- d. Pay Estimate No. 11 with Jenco Construction for the Fire Station Addition and Renovation project in the amount of \$181,991.97.

BACKGROUND: City Architect has verified quantities and recommends approval, to be paid from General Fund and other funds.

7. Consent Docket - General

Items on Consent Dockets are usually approved as a group upon a motion by one of the City Council members. However, members of the City Council may request discussion or separate action on any item on the Consent Dockets.

Consideration of approval, acceptance, rejection, amendment, and/or postponement of the following:

- a. A resolution authorizing the disposal and destruction of certain original records and papers of records prior to the retention period for such records established in the Revised Records Retention Manual, 2015; and directing the City Manager to take all actions necessary to provide for the disposal and destruction of such records.
- b. A Resolution of the City Council of the City of Nichols Hills, Oklahoma (the "City") declaring an emergency to exist in the City; ratifying and approving the City Manager's July 11, 2022 declaration of an emergency ("City Manager's Declaration") related to unforeseen power failures in the City's Water Wells Numbers 15, 16, 5, and 18 ("City's Water Wells"); ratifying and approving the Public Works Director obtaining estimates and the City Manager making emergency purchases pursuant to the City Managers' s declaration; and authorizing and directing the City Manager to take all additional steps necessary to ensure the City's Water Wells are restored to operation.
- c. Request from Information Systems Manager Neil Gray to purchase replacement ceiling insulation for several basement offices. The total will not exceed \$4,000.00, to be paid from 2022-2023 CIP Fund and other funds.
- d. Request from Information Systems Manager Neil Gray to purchase a eleven (11) replacement desktop computers, two (2) additional mobile computers, and an additional laptop. The total will not exceed \$21,000.00, to be paid from 2022-2023 CIP Fund and other funds.

- e. Request from Information Systems Manager Neil Gray to hire Stolz Communications to seek out and obtain a second UHF radio frequency for the Public Works Department. The total will not exceed \$6,000.00, to be paid from 2022-2023 CIP Fund and other funds.
 - f. Request from Information Systems Manager Neil Gray to purchase replacement temperature sensors. The total will not exceed \$6,500.00, to be paid from 2022-2023 CIP Fund and other funds.
 - g. Request from Risk Manager Lindy Hough to purchase a Force USA Trap bar & clamps, not to exceed \$600.00, as approved in the 2022-2023 General Fund CIP.
8. Citizens desiring to be heard
- The purpose of this time is to allow members of the public to speak to the City Council on any matter that is not otherwise set for consideration on this Agenda.
9. Items for Separate Vote - Ordinances, Resolutions, and Other Matters
- Consideration of adoption, approval, acceptance, rejection, amendment, and/or postponement of the following:
- a. PUBLIC HEARING: The issuance of a special permit to AT&T, represented by CRB for Nexius, for the purpose of replacing and/or adding new antennas and other equipment on existing tower located in the 1009 Northwest 75th Street, Nichols Hills, Oklahoma.
 - b. PUBLIC HEARING: The issuance of a special permit to AT&T, represented by CRB for Nexius, for the purpose of replacing and/or adding new antennas and other equipment on existing tower located in the 1800 block of Westminster, Nichols Hills, Oklahoma.
 - c. PUBLIC HEARING: The issuance of a special permit to T-Mobile Central, LLC, represented by Branch Communication, LLC, for the purpose of replacing and/or adding new antennas and other equipment on existing tower located in the 1800 block of Westminster, Nichols Hills, Oklahoma, and entering an amendment to an existing lease agreement with respect to the same.

- d. Building Commission initiative to identify “Architectural Resources” in Nichols Hills; document titled Designation of Architectural Resources in Nichols Hills recommended for approval by the Nichols Hills Building Commission; and proposed letter to residents owning homes believed to be Architectural Resources by the Nichols Hills Building Commission.
- e. Approval of Oil and Gas Division Order from Charter Oak Production Co., LLC.
- f. A resolution awarding contract to the lowest responsible bidder for PC-2104 2021-2022 G.O. Bond Issue Paving Improvement Project 6500 & 6800 blocks of Avondale Drive, and authorizing execution of the contract, bonds, and related instruments.
- g. Board of Park Commissioners Appointment - Ward Two

10. Adjournment

I certify that the forgoing was filed in the Office of the City Clerk at 4:16 PM on the 5th day of August, 2022 and posted in prominent view on the window at City Hall, 6407 Avondale Drive, at 4:45 PM on the 5th day of August, 2022; posted to the City of Nichols Hills website at <http://www.nicholshills.net> at 5:00 PM on the 5th of August, 2022; and transmitted by email at 5:00 PM on the 5th day of August, 2022 to those persons who have requested to be included on such notices pursuant to the Open Meeting Act and to those who have requested such notice.



City Clerk
City of Nichols Hills, Oklahoma

AGENDA

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Nichols Hills City Council
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- d. Public Works
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- f. New Resident List
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BACKGROUND: This change order increases the contract to \$982,115.00. The original contract was \$961,700.00.

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BACKGROUND: City Engineer has verified quantities and recommends approval, to be paid from Park Fund and other funds.

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- d. Building Commission initiative to identify “Architectural Resources” in Nichols Hills; document titled Designation of Architectural Resources in Nichols Hills recommended for approval by the Nichols Hills Building Commission; and proposed letter to residents owning homes believed to be Architectural Resources by the Nichols Hills Building Commission.
- e. Approval of Oil and Gas Division Order from Charter Oak Production Co., LLC.
- f. A resolution awarding contract to the lowest responsible bidder for PC-2104 2021-2022 G.O. Bond Issue Paving Improvement Project 6500 & 6800 blocks of Avondale Drive, and authorizing execution of the contract, bonds, and related instruments.
- g. Board of Park Commissioners Appointment - Ward Two

10. Adjournment

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City Clerk
City of Nichols Hills, Oklahoma

MINUTES

Regular Meeting of the
Nichols Hills City Council
Tuesday, July 12, 2022 at 5:30 PM
City Hall, 6407 Avondale Drive
Nichols Hills, OK 73116

**Original agenda filed in the Office of the City Clerk at 3:34 PM on
the 8th day of July, 2022.**

1. Call to Order and Pledge of Allegiance
2. Roll Call

Attendee Name	Title	Status	Arrived
Sody Clements		Absent	
Steven J. Goetzinger		Present	
E. Peter Hoffman		Present	

3. Minutes
 - a. June 14, 2022 City Council Minutes

MOTION: Hoffman moved to approve the June 14, 2022 minutes as presented. Goetzinger seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Steven J. Goetzinger
AYES:	Goetzinger, Hoffman
ABSENT:	Clements

4. Departmental Reports

Consideration of acceptance, rejection, and/or postponement of the following:

- a. Police Department
- b. Municipal Court
- c. Fire Department
- d. Public Works

- e. Risk Manager
- f. New Resident List
- g. City Treasurer
- h. Finance Director
- i. Information System Manager
- j. Engineer
- k. ACOG Report

Councilman Hoffman reported that ACOG is continuing to work with the City on electric items for the City and possible grants.

MOTION: Hoffman moved to approve the June 2022 departmental reports as presented. Goetzinger seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Steven J. Goetzinger
AYES:	Goetzinger, Hoffman
ABSENT:	Clements

5. Total Warrants & Claims \$1,269,882.63

- a. Consideration of acceptance, rejection, and/or postponement of the following: Claims List for 2021-2022

a. General Fund	\$374,933.95
b. Designated Funds – Fire & General	72.50
c. Designated Funds – Public Works	322.72
d. Nichols Hills Municipal Authority	114,033.98
e. General Fund - CIP	11,055.05
f. Parks Fund	98,625.25
g. General Obligation Bond Funds	500,704.36

- b. Consideration of acceptance, rejection, and/or postponement of the following: Claims List for 2022-2023

a. General Fund	\$141,863.56
b. Nichols Hills Municipal Authority	28,271.26

MOTION: Hoffman moved to approve the total warrants and

Attachment: July 12 2022 Minutes (5957 : July 12, 2022 CC Minutes)

claims as presented. Goetzinger seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Steven J. Goetzinger
AYES:	Goetzinger, Hoffman
ABSENT:	Clements

6. Consent Docket - Construction

Consideration of approval, acceptance, rejection, amendment, and/or postponement of the following:

- a. Pay Estimate No. 10 with Jenco Construction for the Fire Station Addition and Renovation project in the amount of \$274,654.50.

BACKGROUND: City Architect has verified quantities and recommends approval, to be paid from 2020 GO Bond, General Fund, and other funds.

- b. Pay Estimate No. 2 for Project No. FC-2102 with Rudy Construction Co. for Love Family Park Improvements in the amount of \$98,529.25.

BACKGROUND: City Engineer has verified quantities and recommends approval, to be paid from Park Fund and other funds.

- c. Pay Estimate No. 2 for Project No. WC-1901 with Cimarron Construction Co., for Waterline Relocation along Kelly Avenue, in the amount of \$267,428.80.

BACKGROUND: City Engineer has verified quantities and recommends approval, to be paid from 2019 GO Bonds and other funds.

MOTION: Hoffman moved to approve item 6a - 6c Consent Docket Construction as presented. Goetzinger seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Steven J. Goetzinger
AYES:	Goetzinger, Hoffman
ABSENT:	Clements

7. Consent Docket - General

Consideration of approval, acceptance, rejection, amendment, and/or postponement of the following:

- a. A resolution authorizing the disposal and destruction of certain original records and papers of records prior to the retention period for such records established in the Revised Records Retention Manual, 2015; and directing the City Manager to take all actions necessary to provide for the disposal and destruction of such records.
- b. A resolution renewing, adopting, and approving an annual agreement with Tyler Technologies, Inc. for the Fiscal Year beginning July 1, 2022 and ending June 30, 2023.
- c. Request from Fire Chief Kevin Boydston to purchase (1) 800 MHz mobile radio and headset intercom system equipment not to exceed \$14,000.00, as approved in the FY 2022-2023 CIP budget, to be paid from CIP fund and other funds.
- d. A proposal from EV Connect for EV Charging stations and equipment. The total will not exceed \$85,228.00.
- e. Traffic & Lighting Systems, LLC request to assign 63rd Street Crosswalk contract to TLS Group, Inc.
- f. Drone Services Agreement between CloudDeck Media, LLC and the City of Nichols Hills for Fiscal Year 2022-2023.
- g. Engineering Services Agreement with Smith Roberts Baldischwiler LLC. for Fiscal Year 2022-2023.

MOTION: Hoffman moved to approve item 7a - 7g Consent Docket General as presented. Goetzinger seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Steven J. Goetzinger
AYES:	Goetzinger, Hoffman
ABSENT:	Clements

8. Citizens desiring to be heard

The purpose of this time is to allow members of the public to speak to the City Council on any matter that is not otherwise set for consideration on this Agenda.

No one expressed a desire to be heard.

9. Items for Separate Vote - Ordinances, Resolutions, and Other Matters

Consideration of adoption, approval, acceptance, rejection, amendment, and/or postponement of the following:

- a. Request from Christ the King Catholic School Parent - Teacher Organization to hold the 2022 "CK RUN," to be held on October 1, 2022.

Matt Cagigal presented the request of the parent-teacher organization of Christ the King Catholic School to host their seventh annual "CK Run" to be held on October 1, 2022.

MOTION: Hoffman moved to approve agenda item 9a as presented. Goetzinger seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Steven J. Goetzinger
AYES:	Goetzinger, Hoffman
ABSENT:	Clements

- b. A resolution authorizing the purchase of items from state contracts for the Fiscal Year 2022-2023.

MOTION: Hoffman moved to approve agenda item 9b as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

- c. A resolution providing for assignment of 9-1-1 fees to the 9-1-1 Association of Central Oklahoma Governments.

MOTION: Hoffman moved to approve agenda item 9c as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

- d. Resolution approving the June 28, 2018 Weighted Voting Amendment to agreement creating the 9-1-1 Association of Central Oklahoma Governments.

MOTION: Hoffman moved to approve agenda item 9d as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

- e. Budget adjustments for fiscal year 2021-2022 for General Fund and Park Fund.

MOTION: Hoffman moved to approve agenda item 9e as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

- f. Employee supplemental compensation from available funds in the Fiscal Year 2021-2022 General Fund and NHMA budgets, and budget adjustment #1 for Fiscal Year 2022-2023.

MOTION: Hoffman moved to approve agenda item 9f as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

- g. Lump sum distribution of pension benefits for Kelvin Green.

MOTION: Hoffman moved to approve agenda item 9g as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

- h. An ordinance amending Chapter 3 of the Nichols Hills City Code regarding sewer service rates and charges stated in the City fee schedule; repealing all conflicting ordinance or parts of ordinances; providing for severability; and declaring an emergency.

MOTION: Hoffman moved to approve agenda item 9h as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

i. Consideration of adoption, approval, acceptance, rejection, amendment, and/or postponement of the emergency section of the foregoing ordinance.

MOTION: Hoffman moved to approve agenda item 9h(i) - Emergency clause of the foregoing ordinance. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

i. Request to seek bids for PC-2104 2021-2022 G.O. Bond Paving Improvement project 6500 & 6800 blocks of Avondale Drive and receive and approve plans for the same.

MOTION: Hoffman moved to approve agenda item 9i as presented. Goetzinger seconded the motion.

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Peter Hoffman
SECONDER: Steven J. Goetzinger
AYES: Goetzinger, Hoffman
ABSENT: Clements

j. Board of Park Commissioners Appointment - Ward Two
 No action taken.

10. Adjournment

MOTION: There being no further business, Hoffman moved to adjourn the meeting. Goetzinger seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Steven J. Goetzinger
AYES:	Goetzinger, Hoffman
ABSENT:	Clements

Mayor
City of Nichols Hills, Oklahoma

City Manager
City of Nichols Hills, Oklahoma

City Clerk
City of Nichols Hills, Oklahoma

MINUTES

Special Meeting of the
Nichols Hills City Council
Friday, July 29, 2022 at 10:00 AM
City Hall, 6407 Avondale Drive
Nichols Hills, OK 73116

**Original agenda filed in the Office of the City Clerk at 8:50 AM on
the 27th day of July, 2022.**

1. Call to Order
2. Roll Call

Attendee Name	Title	Status	Arrived
Sody Clements		Present	
Steven J. Goetzinger		Present	
E. Peter Hoffman		Present	

3. Citizens Desiring to be heard

The purpose of this time is to allow members of the public to speak to the City Council on any matter that is not otherwise set for consideration on this Agenda.

No one expressed a desire to be heard.

4. Items for Separate Vote - General

Consideration of adoption, approval, acceptance, rejection, amendment, and/or postponement of the following:

Consideration of adoption, approval, acceptance, rejection, amendment, and/or postponement of the following:

- a. Consider and approve entering into proposed executive session as authorized by 25 Oklahoma Statutes 2011, Section 307(B)(4) for the purpose of discussing employment, hiring, appointment, promotion, demotion, disciplining or resignation of individual salaried employees with respect to the following: City Manager S. Shane Pate II.

MOTION: Clements moved to enter into executive session as authorized by 25 Oklahoma Statutes 2011, Section 307 (B)(4) for the purpose of discussing employment, hiring, appointment, promotion, demotion, disciplining or resignation of individual

salaried employees with respect to the City Manager, S. Shane Pate II. Hoffman seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Sody Clements
SECONDER:	E. Peter Hoffman
AYES:	Clements, Goetzinger, Hoffman

b. Executive Session

MOTION: Hoffman moved to leave executive session and reconvene in open session. Clements seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Sody Clements
AYES:	Clements, Goetzinger, Hoffman

c. Discussion and possible action as desired by Council with respect to matters arising from above described executive session and possible discussion and action regarding City Manager S. Shane Pate II.

MOTION: Clements moved to give City Manager S. Shane Pate II an increase of Mr. Pate's annual salary to \$182,000.00 with a bonus of \$40,000.00, and maintain his \$11,000.00 car allowance. Hoffman seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Sody Clements
SECONDER:	E. Peter Hoffman
AYES:	Clements, Goetzinger, Hoffman

5. Adjournment

MOTION: There being no further business, Hoffman moved to adjourn the meeting. Clements seconded the motion.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	E. Peter Hoffman
SECONDER:	Sody Clements
AYES:	Clements, Goetzinger, Hoffman

Mayor
City of Nichols Hills, Oklahoma

City Manager
City of Nichols Hills, Oklahoma

City Clerk
City of Nichols Hills, Oklahoma

**NICHOLS HILLS
POLICE DEPARTMENT
MONTHLY REPORT
JULY 2022**

On July 6th at 10:24 pm, Lieutenant Puckett was dispatched to NW Grand Boulevard and Huntington Avenue on a stalled vehicle. The reporting party stated a female was outside of the vehicle in a yellow reflective safety vest. When he arrived, the female was standing outside the vehicle attempting to put on a shoe. When Lt. Puckett checked the vehicle license plate, he learned the vehicle was stolen out of Oklahoma City. Officers were able to get the suspect into handcuffs and secured her without incident. The suspect advised she took the vehicle that morning because it was left unlocked, and that she was alone at the time of theft. The victim was contacted and was able to take possession of the vehicle. Cassie Woodson was transported to the Oklahoma County Detention Center and charged with Unauthorized Use of a Motor Vehicle.

On July 19th at 12:30 am, Officer Truong was on routine patrol in the 7000 block of Western Avenue, when he observed a vehicle straddling both lanes and swerving. When he contacted the driver, he noticed several signs of possible intoxication. As the driver exited his vehicle Officer Truong observed that he was using the vehicle for balance. It was determined the driver's Oklahoma driver's license was suspended and he admitted to consuming two beers. Officers attempted to administer Standardized Field Sobriety Tests, but the driver would not comply. When officers ended the tests and handcuffed the driver, he became belligerent and faked medical episodes. Officers learned the driver had an active Oklahoma County Warrants for DUI, DUS, and Obstruction. Officers transported Jeffrey Richard to the Oklahoma County Detention Center and charged him with Driving Under the Influence.

In the month of July officers made 5 District Court level arrests.

Officers were dispatched to 45 residential alarm calls and 6 business alarm calls in July. The department responded to 17 suspicious vehicle calls, 22 suspicious subject calls, and 7 suspicious activity calls. Officers responded to 12 motorist assist calls and 11 citizen assist calls. Officers conducted 125 business checks and 16 check the welfare calls. Officers were requested to assist other agencies a total of 16 times. Officers performed 132 house checks this month. Officers responded to 7 parking complaints. There were 144 traffic stops with 77 citations and 93 written warnings issued in July. Animal Control/Code Enforcement issued 3 citations. Officers worked 4 traffic accidents on city streets. Officers completed 39 offense reports.

Respectfully,

Chief Steven Cox

Nichols Hills Police Department
6407 Avondale Drive Nichols Hills, OK 73116
(405) 843-5672

ODIS Summary Report From 07/01/2022 - 07/31/2022

Booking Summary Report

Booking Record

Inmate Booked	0	Inmate Released	0
Male	0	Male	0
Female	0	Female	0
Unknown	0	Unknown	0

Federal Inmate Booked 0

Federal Inmate Released 0

Booking Officer

No records found.

Arresting Officer

No records found.

Releasing Officer

No records found.

Incident Summary Report

Incident Record

Incident Report Filed	39
Sensitive Report	0
Classified Report	0
Report Approved	35

Offense Summary

Total Offense (IBR)

1	Burglary/Larceny/Theft - From Motor Vehicle
1	Civil - Juvenile
1	Disorderly Conduct
4	Driving Under the Influence
1	Drug/Narcotics - Violations
1	Drug/Narcotics - Violations - Marijuana
2	Embezzlement
1	Emergency - Other
11	Fraud - False Pretenses/Swindle/Confidence Game
1	Health/Safety - Other
2	Larceny/Theft - All Other
1	Larceny/Theft - Of Motor Vehicle Parts or Accessories
2	Liquor Law Violations
2	Other Offenses - Non traffic
4	Public Peace - Found Property
2	Public Peace - Lost Property
1	Public Peace - Other
2	Stolen Vehicle/Motor Vehicle Theft
2	Traffic - Direct Traffic
10	Traffic - Impounds
7	Traffic - Other
4	Warrants - For other Agency
1	Warrants - Other

64 GRAND TOTAL

Originating Officer Report

Total Originating Officer

4 EDWARDS, BRANDON
 4 EISCHEID, DAVID
 3 GREENWOOD, TAYLOR
 4 HALL, ELLA
 3 MCGINLEY, JAMES
 4 MCHENRY, JARRED
 1 NIX, CASEY
 2 PUCKETT, MICHAEL
 1 RIDGEWAY, BRANDON
 2 STOUGH, STANTON
 10 TRUONG, HAU
 1 VOYLES, MATTHEW
 39 GRAND TOTAL

Total Report Filed 39

Total Reports Assigned to Detective 39

Total Reports Un-Assigned 0

Report Assigned To Total Open Closed

NIX, CASEY 7 6 1

RIDGEWAY, BRANDON 32 4 28

GRAND TOTAL 39 10 29

Total Report Filed 39

Total Open Cases 10

Total Closed Cases 29

Cleared By Total

Cleared - By Arrest 11

Cleared - By Exceptional 1

Cleared - Referred 1

Deactivated by Investigator After Follow-Up 13

Deactivated by Supervisor Upon Review 2

Unsolved 1

GRAND TOTAL 29

Case Closed Detail

Closed By Total

Deactivated by Investigator After Follow-Up 1

Closed By Total

Cleared - By Arrest 11

Cleared - By Exceptional 1

Cleared - Referred 1

Deactivated by Investigator After Follow-Up 12

Deactivated by Supervisor Upon Review 2

Unsolved 1

Citation Summary Report

Citation Record

Citation Filed (Exclude Warning) 77

Citation Warning Filed 93

Officer Violation Report (Include Warning Citation)

Officer Name	Violation	Total	Total Amount
--------------	-----------	-------	--------------

EDWARDS, BRANDON (23)	DEFECTIVE EQUIPMENT	1	\$110.00
	DEFECTIVE LIGHTS ALL OTHERS	1	\$110.00
	EXPIRED DRIVERS LICENSE	1	\$100.00
	EXPIRED LICENSE PLATE	2	\$200.00
	IMPROPER TAG DISPLAY	1	\$100.00
	NO LICENSE IN POSSESSION	1	\$120.00
	NO SECURITY VERIFICATION	2	\$520.00
	PASSING WHERE PROHIBITED	1	\$110.00
	SPEED IN EXCESS	12	\$1,260.00
	SPEEDING RADAR CHECKED	1	\$269.00
EISCHEID, DAVID (20)	DEFECTIVE LIGHTS ALL OTHERS	2	\$220.00
	DRIVING WHILE SUSPENDED	1	\$260.00
	EXPIRED LICENSE PLATE	8	\$800.00
	FOLLOWING TOO CLOSELY	1	\$110.00
	IMPROPER TAG DISPLAY	1	\$100.00
	NO SECURITY VERIFICATION	2	\$520.00
	OPERATING WITH DEFECTIVE TIRES	1	\$110.00
	SPEED IN EXCESS	4	\$420.00
GREENWOOD, TAYLOR (1)	DISOBEYING STOP SIGN	1	\$110.00
HALL, ELLA (18)	DISOBEYING STOP SIGN	2	\$220.00
	DRIVING WHILE SUSPENDED	1	\$260.00
	EXPIRED LICENSE PLATE	5	\$500.00
	IMPROPER LANE CHANGE	1	\$110.00
	NO LICENSE IN POSSESSION	1	\$120.00
	NO SECURITY VERIFICATION	2	\$520.00
	OPERATING CONTRARY TO RESTRICTIONS	1	\$260.00
	SPEED IN EXCESS	5	\$525.00
MCGINLEY, JAMES (43)	AFFIXING IMPROPER TAG	2	\$520.00
	ALTERING OR CHANGING TAG	1	\$160.00
	DEFECTIVE EQUIPMENT	2	\$220.00
	DEFECTIVE LIGHTS ALL OTHERS	1	\$110.00
	DRIVING WHILE REVOKED	1	\$260.00
	EXPIRED DRIVERS LICENSE	2	\$200.00
	EXPIRED LICENSE PLATE	20	\$2,000.00
	IMPROPER TAG DISPLAY	1	\$100.00
	NO SECURITY VERIFICATION	8	\$2,080.00
	NO VALID OPERATORS LICENSE	1	\$260.00
	OPERATING WITHOUT BEING LICENSED	1	\$260.00
	POSSESSION OF A CONTROLLED DANGEROUS SUBSTANCE	1	\$265.00
	SPEED IN EXCESS	1	\$105.00
	TRANSPORTING OPEN CONTAINER OF NON INTOX BEVERAGE	1	\$260.00
MCHENRY, JARRED (7)	DEFECTIVE LIGHTS ALL OTHERS	1	\$110.00
	DRIVING WHILE SUSPENDED	1	\$260.00
	EXPIRED LICENSE PLATE	1	\$100.00
	IMPROPER LEFT TURN	1	\$110.00
	SPEED IN EXCESS	3	\$315.00
PUCKETT, MICHAEL (10)	EXPIRED LICENSE PLATE	5	\$500.00
	NO LICENSE IN POSSESSION	1	\$120.00
	NO SECURITY VERIFICATION	1	\$260.00
	SPEED IN EXCESS	3	\$315.00
STOUGH, STANTON (3)	DEFECTIVE LIGHTS ALL OTHERS	1	\$110.00
	SPEED IN EXCESS	2	\$210.00
TRUONG, HAU (31)	DEFECTIVE LIGHTS ALL OTHERS	11	\$1,210.00
	DRIVING WHILE SUSPENDED	2	\$520.00

VOYLES, MATTHEW (14)	EXPIRED DRIVERS LICENSE	1	\$100.00
	EXPIRED LICENSE PLATE	6	\$600.00
	NO LICENSE IN POSSESSION	1	\$120.00
	NO SECURITY VERIFICATION	4	\$1,040.00
	POSSESSION OF A CONTROLLED DANGEROUS SUBSTANCE	1	\$265.00
	SPEED IN EXCESS	3	\$315.00
	SPEEDING RADAR CHECKED	1	\$179.00
	TRANSPORTING OPEN CONTAINER OF INTOX BEVERAGE	1	\$260.00
	DEFECTIVE LIGHTS ALL OTHERS	3	\$330.00
	DRIVING WITH OBSTRUCTED VIEW	1	\$110.00
	EXPIRED LICENSE PLATE	5	\$500.00
	FAILURE TO YIELD TO RIGHT OF WAY	1	\$110.00
	IMPROPER TAG DISPLAY	1	\$100.00
	NO TEMP STORAGE BUILDING PERMIT	1	\$260.00
	SPEED IN EXCESS	2	\$210.00
GRAND TOTAL		170	\$23,503.00

Citation Payment Method Summary

Total Cash	\$0.00
Total Checks	\$0.00
Total Credit Cards	\$0.00
Total Money Orders	\$0.00
Total Other	\$0.00
Grand Total	\$0.00

Warrant Summary Report

Warrant Record

Warrant Issued	0
Warrant Served	0
Warrant Recalled	0

Warrant Issued

No records found.

Warrant Served

No records found.

Warrant Recalled

No records found.

Warrant Payment Method Summary

Total Cash	\$0.00
Total Checks	\$0.00
Total Credit Cards	\$0.00
Total Money Orders	\$0.00
Total Other	\$0.00
Grand Total	\$0.00

Protective Order Summary Report

Protective Order Record

Protective Order Issued - Non Emergency	0
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Civil Process Summary Report

Civil Process Record	
Civil Process Issued	0
Group By Process Type	Group By Court Type
No records found.	No records found.

Field Interview Summary Report

Field Interview Record	
Field Interview Issued	0
Group By Interviewed Officer	
No records found.	

Accident / Collision Summary Report

Accident Record	
Accident / Collision Record	4
Accident / Collision with DUI	0
Accident / Collision with Hit & Run	1
Accident / Collision with Fatality	0

Radio Log Summary Report

Radio Log Record	
Radio Log Record	1,635
Group By Call Type	Group By Final Type
Total Initial Call Type	Total Final Call Type
1 9-1-1 Hangup	1,635
1 Accident - Hit and Run	1,635 GRAND TOTAL
5 Accident - Property Damage	
6 Alarm Business	
45 Alarm Residential	
24 Animal Control - Animal at Large / Nuisance	
11 Assist - Citizen	
12 Assist - Motorist	
6 Assist - Other City Department	
16 Assist - Outside Agency	
7 Broadcast - General Information	
125 Business Check	
2 Check for Drunk Driver	
1 Check Solicitor	
16 Check The Welfare	
2 Civil Matter	
3 Code Violation	
2 Court - Bailiff	

2	Deliver Council Packets
196	Dispatch - Informational
1	Disturbance
2	Domestic
4	DUI Arrest
229	Ending Mileage
8	Extra Watch
12	Fire Department - Automatic Alarm
1	Fire Department - Hazardous Material
29	Fire Department - Medical Call
20	Fire Department - Mutual Aid
6	Fire Department - Other Fire
9	Fire Department - Service Call
7	Follow-up
6	Found Property
1	Fraud
1	Harassment
132	House Check
1	Larceny - From a Public Building
1	Larceny/Theft - Bicycle
2	Larceny/Theft - From a Motor Vehicle
1	Larceny/Theft - Motor Vehicle Parts or Accessories
1	Larceny/Theft - Shoplifting
1	Mental Health
9	Miscellaneous - Other
1	Missing Property
1	Motor Vehicle Theft
7	Noise Complaint
5	Officer out of the car
1	Open Door - Business
30	Open Door - Residence
8	Ordinance Violation
8	Out at the Station
23	Out at the Station for Report
5	Out of district
7	Parking Complaint
7	Public Works Call
19	Receive Information
3	Reckless Driver
1	Recovery of Stolen Vehicle
3	Release Property
2	Remove Debris from Roadway
2	Return to the station
2	S.T.O.P. Program
4	Signal 13 - Meal Beak
12	Special Assignment
240	Starting Mileage - In Service
7	Suspicious Activity
22	Suspicious Subject
17	Suspicious Vehicle
3	Traffic Control
144	Traffic Stop
6	Training
2	Trespassing
2	Vehicle Impoundment

24	Vehicle Maintenance
46	Vehicle Registration/Stolen Check [10-28/10-29]
4	Vehicle Release
1,635	GRAND TOTAL

NICHOLS HILLS MUNICIPAL COURT Page: 1
 Report For July 1, 2022 Thru July 31, 2022 FILEDST

 Violations by Filed Date...

Police Department	79	
MUNICIPAL COURT	13	
Code Enforcement	3	
TRANSFERRED OUT	0	
Total Filed Violations		95

 Completed Cases...

Paid Fine...		
Police Department	44	
MUNICIPAL COURT	11	
Code Enforcement	1	
TRANSFERRED OUT	2	
Total Paid Fines		58
Total Completed		58

 Other Completed...

Dismissed - had Insurance		
Police Department	1	
MUNICIPAL COURT	0	
Code Enforcement	0	
TRANSFERRED OUT	0	
Total		1

Dismissed by Judge		
Police Department	6	
MUNICIPAL COURT	0	
Code Enforcement	0	
TRANSFERRED OUT	0	
Total		6

Dismissed - COMPLIANCE		
Police Department	15	
MUNICIPAL COURT	0	
Code Enforcement	0	
TRANSFERRED OUT	0	
Total		15

Voided Docket		
Police Department	0	
MUNICIPAL COURT	2	
Code Enforcement	1	
TRANSFERRED OUT	0	
Total		3

Total Other Completed		25
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NICHOLS HILLS MUNICIPAL COURT Page: 2
 Report For July 1, 2022 Thru July 31, 2022 FILEDST

Grand Total Completed 83
 Net Difference Filed/Complete 12

Warrants...

Issued...

Police Department	42	
MUNICIPAL COURT	13	
Code Enforcement	0	
TRANSFERRED OUT	0	
Total Violations		55
Total Warrants Issued		55

Cleared...

Police Department	22	
MUNICIPAL COURT	14	
Code Enforcement	0	
TRANSFERRED OUT	2	
Total Violations		38
Total Warrants Cleared		38

Change in Total Warrants 17

FINE FINE	\$5,634.20
CLEET7 CLEET STATE OF OK. 2017	\$420.00
AFIS17 AFIS 2017	\$410.00
FS17 FORENSIC SCIENCE 2017	\$410.00
AMS COLLECTION AGENCY	\$446.05
FTA FAILURE TO APPEAR	\$2,126.00
LATE LATE FEE	\$200.00
CLEET0 CLEET STATE OF OKLAHOMA	\$7.00-
FP FINGERPRINT FEE	\$3.00-
CLEET4 CLEET STATE OF OKLAHOMA	\$18.00
FP2 AFIS	\$15.00
FS FORENSIC SCIENCE IMPROVE FEE	\$15.00
DRUGED DRUG EDUCATION FEE	\$5.00

Total Fees/Fines Paid \$9,689.25

Nichols Hills Fire Department July 2022 Monthly Report

July was a big month as crews were getting settled back into the fire department. We continue to work out a few small bugs but everyone seems pleased with the final product. Other highlights of the month include; participation in the annual Independence Day parade. Signed paperwork to begin the transition to our new reporting software. Received our new automated external defibrillator, or AED. Annual inspection of the fire sprinkler system for the city hall complex. Chief's Boydston and Reyes met with an ISO representative to collect data for an ISO review of the city. This inspection is done every 4-5 years and rates cities on their fire protection. There was one car seat check and a final occupancy inspection for K&K Office.

In July, the fire department responded to 76 calls for service. This was an increase of +5 calls from July 2021. Call breakdown by type and location are as follows:

Fire	- 6	Ward 1	- 33%
Emergency Medical	- 28	Ward 2	- 18%
Hazardous Condition	- 5	Ward 3	- 22%
Service / Good Intent	- 24	Ward 4 (The Village)	- 25%
False	- 13	Ward 5 (OKC)	- 1%

Training continued on with some new topics this past month. Chief Boydston attended an ICS form class in Norman. Bill Justice, from EMSA, came in again in July and covered three more EMS topics with each shift. All personnel sat in on video classes that covered different types of alternate fuels that firefighters may encounter. FF Gray is back to regular duty and has been working hard on his driving and pumping skills with the help of his officers and the other drivers. FF Biesiada continues his initial

firefighter training. Various other fire and EMS topics were also covered in July.

Thank you for all you do. Stay safe and stay healthy!

Kenny Reyes, Deputy Fire Chief

Nichols Hills Fire Department

Risk Manager Report July 2022

There were no injuries this month.

There were no drug screens this month. All required testing was completed for the quarter in June. There were two (2) pre-employment drug screens and physicals for public works.

The safety meeting this month was on "Safety Leadership". We watched a video on safety leadership for everyone and discussed how to become more of a safety leader by leading by example, excellent communication skills, keeping employees/co-workers accountable and consistent enforcement of rules. The police department did online training on LocalGovU for "Bloodborne Pathogens for First Responders". Dispatch did online training through Fire Rescue 1 for how to handle check the wellbeing calls involving on scene violent incidents.

Park inspections were conducted on Woods, Kite and Davis Park. The seat on the digger at Kite Park was missing so it was taken out of service and a new seat was ordered.

A tort claim for \$715 was filed against the city for damages from paint overspray on a vehicle that was parked in the street while volunteers were painting addresses on curbs. The claim was filed with insurance and paid directly to the claimant. This claim is closed.

A leadership retreat over leadership styles was organized through OMAG for public works crew chiefs, supervisors, and department heads. City Manager, Shane Pate and I were also present. This was the first of two leadership retreats we will be having over the next few months. The second retreat will be over leadership approach.

I conducted a new employee safety orientation training for two new public works employees. Some examples of things we discussed were the Hazard Communication Program where employees are shown where Safety Data Sheets for the chemicals they will be using are located; explain and review First Aid Procedures by showing employees where the first aid kit is located in their area; Explain and review the (EOP) Emergency Operation Plan for their department and make sure they know where to meet after evacuation and location of storm shelters; Explain and review the use of Personal Protective Equipment (PPE) by ensuring they know how to wear all their issued PPE and explain that they will receive special training on equipment before they can operate the equipment; Explain ADA (Americans with Disabilities Act); Explain and review the Distracted Driving Policy by making sure the employee reads, understands and signs the policy; Professional Conduct (Sexual Harassment) video and explain, discuss common issues and policy and procedures dealing with sexual harassment in the workplace; Bloodborne Pathogens training; Accident/Incident reporting procedures; Safety Manual, making sure the employee is shown the safety manual and where to find it in their department.

The fire chief and I went to a class through the Oklahoma Department of Homeland and Security on the purpose and practical use of ICS (Incident Command System) forms and how they can be utilized in actual events/incidents. I also attended several wellness app meetings and the sustainability meeting where they shared the results of the community survey.

8-1-2022 10:35 AM
STATUS: All
RANGE OF START DATES: 7/01/2022 THRU 7/31/2022
LAST BILL DATE: 0/00/0000 THRU 99/99/9999

NEW CUSTOMER REPORT

PAGE: 1
CONFIDENTIALS PRINTED: NO
TRANSFERS INCLUDED: NO
PRINT MAILING ADDR: NO

4.f.a

ACCOUNT NUMBER	NAME	CLASS	SERVICE ADDRESS	STATUS	DATE OF SERVICE	XFER?
02-00194-04	I - AUSTIN, PAUL	RES	6415 GRANDMARK	ACTIVE	7/07/2022	
02-00857-04	I - BLOOD, HAROLD	RES	1835 WESTMINSTER	ACTIVE	7/01/2022	
02-00191-04	I - BUERGLER, WILLIAM	RES	6409 GRANDMARK	ACTIVE	7/08/2022	
01-00084-13	E - CAMBER PROPERTY MGMNT& LEASING	RES	1110 PARK MANOR	FINAL	7/14/2022	
02-00794-13	I - COSSEY, JACOB	RES	1822 WESTMINSTER	ACTIVE	7/15/2022	
02-00758-04	I - DAHLGREN, MARY	RES	1709 DRAKESTONE	ACTIVE	7/01/2022	
01-00420-05	I - ELLIOTT, BRENDAN	RES	1224 MARLBORO	ACTIVE	7/20/2022	
01-00098-03	I - FISCHER, STEPHEN SCOTT	RES	1115 PARK MANOR	ACTIVE	7/11/2022	
01-00171-15	I - HARPER, KENT	RES	1116 BELFORD	ACTIVE	7/01/2022	
01-00174-02	I - HARRIS, DEBRA	RES	1121 BELFORD	ACTIVE	7/18/2022	
02-00370-05	I - HOANG, SON	RES	1512 CAMDEN	ACTIVE	7/01/2022	
02-00614-03	I - LARDNER, JAMES	RES	1815 COVENTRY	ACTIVE	7/20/2022	
02-00439-19	I - LEMMERMAN, BRYAN	RES	1714 HUNTINGTON	ACTIVE	7/06/2022	
02-00760-02	I - MAHONEY, STEPHEN	RES	1713 DRAKESTONE	ACTIVE	7/22/2022	
02-00005-07	I - MCGOWAN, TERESA	RES	1727 NW 63RD	ACTIVE	7/06/2022	
01-00079-01	I - ORLOWSKI, HENRYK	RES	1101 BEDFORD	ACTIVE	7/05/2022	
02-00698-02	I - RALLS, MATT	RES	1705 DORCHESTER DR	ACTIVE	7/11/2022	
01-00165-09	I - STITH, J	RES	1104 BELFORD	ACTIVE	7/12/2022	
02-00696-13	E - SUPERIOR RENTALS, LLC	RES	1701 DORCHESTER DR	ACTIVE	7/13/2022	
01-00067-01	I - VARNER, JOHN BARTLEY	RES	1125 BEDFORD	ACTIVE	7/01/2022	
01-00084-12	I - WONG, CESAR	RES	1110 PARK MANOR	ACTIVE	7/18/2022	

** TOTAL PRINTED 21 **

STATUS: All

CONFIDENTIALS PRINTED: NO

RANGE OF START DATES: 7/01/2022 THRU 7/31/2022

TRANSFERS INCLUDED: NO

LAST BILL DATE: 0/00/0000 THRU 99/99/9999

PRINT MAILING ADDR: NO

4.f.a

TOTALS BY CUSTOMER CLASS		
<u>CLASS</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>
RES	RESIDENTIAL	21
	CLASS TOTAL:	21

TOTALS BY RATE TABLE			
<u>SERVICE</u>	<u>RATE</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>

SELECTION CRITERIA

4.f.a

REPORT SELECTIONS:

REPORT SEQUENCE: Account Name
ACCOUNT STATUS: All
CUSTOMER CLASS: All
SERV/TBL: All
INCLUDE TRANSFER: NO
INCLUDE CONFIDENTIAL: NO

INFORMATION INCLUDED:

MAILING ADDRES: NO
COMMENT CODES: None

CUSTOMER DATES:

START DATE: 7/01/2022 THRU 7/31/2022
LAST BILL DATE: 0/00/0000 THRU 99/99/9999

** END OF REPORT **

CITY OF NICHOLS HILLS
TREASURER'S REPORT - INVESTMENT SCHEDULE
July 31, 2022

MATURITY DATE	DEPOSITORY BANK	COST BASIS	MATURITY VALUE	YIELD TO MATURITY	DAYS INVESTED
Operations					
Operating Acct (Avg Balance)	BancFirst	8,148,370.34	8,148,370.34		
NICHOLS HILLS GENERAL FUND					
09/15/22	TREASURY BILL	823,472.83	825,000.00	0.28%	245
11/10/22	Midfirst	1,000,000.00	1,009,305.75	2.30%	147
01/12/23	Midfirst	1,200,000.00	1,217,034.27	2.45%	210
		<u>3,023,472.83</u>	<u>3,051,340.02</u>		
NICHOLS HILLS GENERAL FUND - CIP					
09/15/22	TREASURY BILL	398,366.67	400,000.00	0.99%	154
11/10/22	Midfirst	1,300,000.00	1,309,006.25	1.21%	210
04/13/23	Midfirst	425,000.00	435,106.57	2.85%	301
		<u>2,123,366.67</u>	<u>2,144,112.82</u>		
NICHOLS HILLS MUNICIPAL AUTHORITY					
09/15/22	TREASURY BILL	408,325.83	410,000.00	0.99%	154
11/10/22	Midfirst	700,000.00	706,514.03	2.30%	147
		<u>1,108,325.83</u>	<u>1,116,514.03</u>		
NICHOLS HILLS MUNICIPAL AUTHORITY - CIP					
09/15/22	Midfirst	500,000.00	502,537.58	1.20%	154
09/15/22	TREASURY BILL	449,167.00	450,000.00	0.28%	245
		<u>949,167.00</u>	<u>952,537.58</u>		
SINKING FUND					
06/26/23	Midfirst	400,000.00	407,024.75	1.78%	438
12/29/22	TREASURY BILL	396,339.33	400,000.00	0.92%	259
		<u>796,339.33</u>	<u>807,024.75</u>		
PARKS					
11/10/22	Midfirst	525,000.00	528,637.14	1.20%	210
		<u>525,000.00</u>	<u>528,637.14</u>		
GENERAL OBLIGATION BOND OF 2020					
09/15/22	FNB of OK	625,000.00	627,126.74	0.50%	245
		<u>625,000.00</u>	<u>627,126.74</u>		
GENERAL OBLIGATION BOND OF 2021					
09/15/22	FNB of OK	400,000.00	401,342.47	0.50%	245
09/15/22	Midfirst	950,000.00	951,609.85	0.20%	309
01/27/23	TREASURY BILL	936,641.68	950,000.00	2.33%	223
09/15/22	Kirkpatrick	1,200,000.00	1,202,400.00	0.20%	364
11/10/22	Midfirst	1,025,000.00	1,032,101.08	1.20%	210
		<u>4,511,641.68</u>	<u>4,537,453.40</u>		
GENERAL OBLIGATION BOND OF 2022					
11/10/22	Midfirst	900,000.00	906,235.10	1.20%	210
04/21/23	TREASURY BILL	1,124,698.08	1,150,000.00	2.66%	306
09/08/22	TREASURY BILL	747,992.50	750,000.00	0.44%	220
09/08/22	TREASURY BILL	1,047,189.50	1,050,000.00	0.44%	220
11/10/22	TREASURY BILL	995,951.39	1,000,000.00	0.53%	283
11/10/22	TREASURY BILL	921,255.03	925,000.00	0.53%	283
		<u>5,737,086.50</u>	<u>5,781,235.10</u>		
SOURCE		COST	MATURITY	% of Total	Margin
BANCFIRST		8,148,370.34	8,148,370.34	29.58%	172.4%
MIDFIRST BANK		8,925,000.00	9,005,112.37	32.40%	110.3%
FIRST NATIONAL BANK OF OK		1,025,000.00	1,028,469.21	3.72%	465.1%
TREASURY BILL		8,249,399.84	8,310,000.00	29.95%	
KIRKPATRICK BANK		1,200,000.00	1,202,400.00	4.36%	708.3%
TOTAL INVESTED		<u>\$ 27,547,770.18</u>	<u>\$ 27,694,351.92</u>	100.00%	

01 -General Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
01-00-10050	Cash in Bank - Flex Account	11,530.85
01-00-10099	Claim on Cash	1,556,782.45
01-00-10100	Cash - Municipal Court	1,825.01
01-00-11000	T-Bills and CD's	3,023,472.83
01-00-11100	Interest Receivables	1,340.16
01-00-11600	Other Receivables	1,208,449.00
01-00-11650	Health Ins - Retirees & Cobra	4,195.75
01-00-11700	Beverage Tax Receivable	1,011.00
01-00-11800	Sales Tax Receivable	726,980.00
01-00-11900	Franchise Fee Receivable	47,790.00
01-00-12000	Utilities Receivable	85,044.81
01-00-13799	Due To/From Flex Spending	7,681.99
01-00-13800	Allowance for Court Receivable	(980,064.00)
01-00-14000	Deposit with Third Party Admin	<u>13,947.00</u>
		<u>5,709,986.85</u>
TOTAL ASSETS		5,709,986.85
		=====
LIABILITIES		
=====		
01-00-30050	Deposit - held for others	7,240.00
01-00-30090	Due to Collection agency	560.30
01-00-30099	A/P Due to Pooled Cash	469,382.14
01-00-30700	Deferred Interest Income	1,542.16
01-00-31100	OMRF Withholding	4,400.00
01-00-32050	Cleet Payable	1,264.71
01-00-33300	Deferred Fine Revenue	212,808.00
01-00-34325	DEPOSIT-FIRE HYDRANT METERS	2,000.00
01-00-36000	Unapplied Credit Liab- A/R	<u>151.60</u>
TOTAL LIABILITIES		<u>699,348.91</u>
EQUITY		
=====		
01-00-57050	Assigned - Economic Developmen	500,000.00
01-00-57070	Assigned - Other	854,812.02
01-00-57071	Assigned - art in parks	25,000.00
01-00-59000	Unassigned Fund Balance	<u>3,022,646.15</u>
TOTAL BEGINNING EQUITY		4,402,458.17
TOTAL REVENUE		961,653.87
TOTAL EXPENDITURES		<u>1,376,236.13</u>
TOTAL REVENUE OVER/(UNDER) EXPENSES		(414,582.26)
(WILL CLOSE TO FUND BAL.)		1,022,762.03
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>5,010,637.94</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		5,709,986.85
		=====

02 -Street & Alley

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
02-00-10099	Claim on Cash	198,195.73
02-00-14900	Due from other Governments	<u>4,151.00</u>
		<u>202,346.73</u>
TOTAL ASSETS		202,346.73
		=====
LIABILITIES		
=====		
EQUITY		
=====		
02-00-51090	Restricted Fund Bal-Streets	194,100.44
02-00-57090	Assigned Fund Balance-Streets	<u>6,180.00</u>
	TOTAL BEGINNING EQUITY	200,280.44
TOTAL REVENUE		<u>1,449.32</u>
TOTAL REVENUE OVER/(UNDER) EXPENSES		1,449.32
(WILL CLOSE TO FUND BAL.)		616.97
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>202,346.73</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		202,346.73
		=====

03 -Designated Fds-Fire & Gen

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
=====			
03-00-10099	Claim on Cash	<u>2,079.64</u>	
			<u>2,079.64</u>
	TOTAL ASSETS		2,079.64
			=====
LIABILITIES			
=====			
EQUITY			
=====			
03-00-51050	Restricted Fund Bal-Donations	<u>3,620.63</u>	
	TOTAL BEGINNING EQUITY	3,620.63	
	TOTAL REVENUE	<u>103.12</u>	
	TOTAL REVENUE OVER/(UNDER) EXPENSES	103.12	
	(WILL CLOSE TO FUND BAL.)	(1,644.11)	
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>2,079.64</u>	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		2,079.64
			=====

04 -Designated Funds-Police

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
04-00-10099	Claim on Cash	<u>74,417.17</u>
		<u>74,417.17</u>
	TOTAL ASSETS	74,417.17
		=====
LIABILITIES		
=====		
EQUITY		
=====		
04-00-51050	Restricted Fund Bal-Donations	<u>67,845.73</u>
	TOTAL BEGINNING EQUITY	67,845.73
	TOTAL REVENUE	<u>361.49</u>
	TOTAL REVENUE OVER/(UNDER) EXPENSES	361.49
	(WILL CLOSE TO FUND BAL.)	6,209.95
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>74,417.17</u>
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.	74,417.17
		=====

05 -Designated Funds-PW

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
=====			
05-00-10099	Claim on Cash	<u>1,972.62</u>	<u>1,972.62</u>
TOTAL ASSETS			1,972.62
LIABILITIES			
=====			
EQUITY			
=====			
05-00-51050	Restricted Fund Bal-Donations	<u>2,208.89</u>	
TOTAL BEGINNING EQUITY		2,208.89	
TOTAL REVENUE		<u>2.96</u>	
TOTAL REVENUE OVER/(UNDER) EXPENSES		2.96	
(WILL CLOSE TO FUND BAL.)		(239.23)	
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>1,972.62</u>	
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			1,972.62

06 -Municipal Authority

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
06-00-10099	Claim on Cash	742,021.79
06-00-11000	T-Bills and CD's	1,108,325.83
06-00-11100	Interest Receivable	206.58
06-00-12150	Utility Receivable	812,436.06
06-00-13900	Unbilled Receivable	142,133.00
06-00-14800	Allowance for Doubtful Account	(26,862.93)
06-00-14850	Bad Debt Receivable	24,738.95
06-00-15000	Deferred outflow of resources	123,478.00
06-00-15500	Deferred Outflow - OPEB	20,539.00
06-00-20000	Fixed Assets	43,991,387.03
06-00-20100	Accumulated Depreciation	(27,319,450.89)
06-00-21000	Land	207,742.00
06-00-21500	Construction in Progress	<u>1,112,887.06</u>
		<u>20,939,581.48</u>
TOTAL ASSETS		20,939,581.48
		=====
LIABILITIES		
=====		
06-00-30050	Net pension asset	(93,338.00)
06-00-30090	Payable - Collection AgencyFee	5,373.27
06-00-30099	A/P Due to Pooled Cash	133,869.67
06-00-31800	Comp Absent Payable	4,864.02
06-00-31890	Compensated Absences - Long Te	43,780.00
06-00-34000	City of NH - Garbage	85,044.81
06-00-34100	Unearned Rev (Unapplied Credit	15,797.47
06-00-34150	Utility Refunds	64.45
06-00-34500	Due to Tyler Tech (Cr Cd Fees)	683.50
06-00-34900	Notes Payable - Current Portio	836.00
06-00-35000	NOTES PAYABLE	16,170.00
06-00-38000	Deferred inflow of resources	17,536.00
06-00-38500	Deferred Inflow - OPEB	14,811.00
06-00-40100	OPEB Liability	<u>96,573.00</u>
TOTAL LIABILITIES		<u>342,065.19</u>
EQUITY		
=====		
06-00-50400	Net Investment-Capital Assets	17,975,559.00
06-00-52090	Unrestricted Fund Balance	<u>2,313,473.33</u>
TOTAL BEGINNING EQUITY		20,289,032.33
TOTAL REVENUE		739,024.56
TOTAL EXPENDITURES		<u>429,576.83</u>
TOTAL REVENUE OVER/(UNDER) EXPENSES		309,447.73
(WILL CLOSE TO FUND BAL.)		(963.77)
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>20,597,516.29</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		20,939,581.48
		=====

07 -General Fund - CIP

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
07-00-10099	Claim on Cash	736,135.61
07-00-11000	T-Bills and CD's	2,123,366.67
07-00-11100	Interest Receivable	<u>351.89</u>
		<u>2,859,854.17</u>
TOTAL ASSETS		2,859,854.17
		=====
LIABILITIES		
=====		
07-00-30099	A/P Due to Pooled Cash	3,825.72
07-00-30700	Deferred Interest Income	<u>149.89</u>
TOTAL LIABILITIES		<u>3,975.61</u>
EQUITY		
=====		
07-00-57100	Assigned Fund Bal-Capital Imps	37,566.95
07-00-57102	Assigned FB-CIP-Admin	61,019.92
07-00-57106	Assigned FB-CIP-Police	252,027.16
07-00-57107	Assigned FB-CIP-Fire	289,063.57
07-00-57109	Assigned FB-CIP-Street	103,651.75
07-00-57110	Assigned FB-CIP-Sanitation	201,617.00
07-00-57111	Assigned FB-CIP-Parks	145,863.00
07-00-57114	Assigned FB-CIP-Code	16,360.00
07-00-57115	Assigned FB-CIP-Risk	9,565.00
07-00-57116	Assigned FB-CIP-ISM	<u>135,406.98</u>
TOTAL BEGINNING EQUITY		1,252,141.33
TOTAL REVENUE		47,203.27
TOTAL EXPENDITURES		<u>3,825.72</u>
TOTAL REVENUE OVER/(UNDER) EXPENSES		43,377.55
(WILL CLOSE TO FUND BAL.)		1,560,359.68
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>2,855,878.56</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		2,859,854.17
		=====

08 -Sinking Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
08-00-10000	Cash - Sinking Fund	204,559.37
08-00-11000	T-Bills and CD's	796,339.33
08-00-11100	Interest Receivable	543.49
08-00-14900	Due from other Governments	<u>149,394.00</u>
		<u>1,150,836.19</u>
TOTAL ASSETS		1,150,836.19
		=====
LIABILITIES		
=====		
08-00-30700	Deferred Interest Income	324.08
08-00-30701	Deferred Income	<u>111,839.00</u>
	TOTAL LIABILITIES	<u>112,163.08</u>
EQUITY		
=====		
08-00-51030	Restricted Fund Bal-Debt Srv	1,811,095.87
08-00-57030	Assigned Fund Bal-Debt Service	<u>170,976.00</u>
	TOTAL BEGINNING EQUITY	1,982,071.87
TOTAL REVENUE		10,040.69
TOTAL EXPENDITURES		<u>45.13</u>
TOTAL REVENUE OVER/(UNDER) EXPENSES		9,995.56
(WILL CLOSE TO FUND BAL.)		(953,394.32)
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>1,038,673.11</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		1,150,836.19
		=====

09 -Meter Deposits

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
=====			
09-00-10099	Claim on Cash	<u>26,660.00</u>	
			<u>26,660.00</u>
	TOTAL ASSETS		26,660.00
			=====
LIABILITIES			
=====			
09-00-36100	Reserve for Meter Deposits	<u>26,660.00</u>	
	TOTAL LIABILITIES		<u>26,660.00</u>
EQUITY			
=====			
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		26,660.00
			=====

10 -911 Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
10-00-10099	Claim on Cash	59,913.79
10-00-11600	Other Receivables	<u>712.00</u>
		<u>60,625.79</u>
TOTAL ASSETS		60,625.79
		=====
LIABILITIES		
=====		
EQUITY		
=====		
10-00-51070	Restricted Fd Bal-Public Safet	<u>51,931.20</u>
TOTAL BEGINNING EQUITY		51,931.20
TOTAL REVENUE		<u>812.72</u>
TOTAL REVENUE OVER/(UNDER) EXPENSES		812.72
(WILL CLOSE TO FUND BAL.)		7,881.87
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>60,625.79</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		60,625.79
		=====

11 -Impound Fee Police Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
=====			
11-00-10099	Claim on Cash	<u>28,622.98</u>	
			<u>28,622.98</u>
	TOTAL ASSETS		28,622.98
			=====
LIABILITIES			
=====			
EQUITY			
=====			
11-00-51075	Restricted Fd Bal - Police Imp	<u>23,483.95</u>	
	TOTAL BEGINNING EQUITY	23,483.95	
	TOTAL REVENUE	<u>442.88</u>	
	TOTAL REVENUE OVER/(UNDER) EXPENSES	442.88	
	(WILL CLOSE TO FUND BAL.)	4,696.15	
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>28,622.98</u>	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		28,622.98
			=====

13 -Municipal Authority - CIP

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
13-00-10099	Claim on Cash	1,003,981.85
13-00-11000	T-Bills and CD's	949,167.00
13-00-11100	Interest Receivable	<u>272.99</u>
		<u>1,953,421.84</u>
TOTAL ASSETS		1,953,421.84
		=====
LIABILITIES		
=====		
EQUITY		
=====		
13-00-57100	Fund Bal-Capital Improvements	<u>1,516,495.15</u>
	TOTAL BEGINNING EQUITY	1,516,495.15
TOTAL REVENUE		<u>7,907.14</u>
	TOTAL REVENUE OVER/(UNDER) EXPENSES	7,907.14
	(WILL CLOSE TO FUND BAL.)	429,019.55
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>1,953,421.84</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		1,953,421.84
		=====

14 -Water Impact Fees Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
14-00-10099	Claim on Cash	<u>126,239.38</u>
		<u>126,239.38</u>
	TOTAL ASSETS	126,239.38
		=====
LIABILITIES		
=====		
EQUITY		
=====		
14-00-50300	Restricted Fund Balance	<u>116,419.43</u>
	TOTAL BEGINNING EQUITY	116,419.43
	TOTAL REVENUE	<u>189.13</u>
	TOTAL REVENUE OVER/(UNDER) EXPENSES	189.13
	(WILL CLOSE TO FUND BAL.)	9,630.82
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>126,239.38</u>
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.	126,239.38
		=====

15 -Sewer Impact Fee Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
=====			
15-00-10099	Claim on Cash	<u>83,252.99</u>	<u>83,252.99</u>
TOTAL ASSETS			83,252.99
			=====
LIABILITIES			
=====			
EQUITY			
=====			
15-00-50300	Restricted Fund Balance	<u>77,314.76</u>	
TOTAL BEGINNING EQUITY		77,314.76	
TOTAL REVENUE		<u>124.73</u>	
TOTAL REVENUE OVER/(UNDER) EXPENSES		124.73	
(WILL CLOSE TO FUND BAL.)		5,813.50	
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>83,252.99</u>	
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			83,252.99
			=====

17 -Drainage Fee Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
17-00-10099	Claim on Cash	145,924.22
17-00-12000	Utility Receivables	5,257.29
17-00-13900	Unbilled Receivable	1,627.00
17-00-14850	Bad Debt Receivable	<u>39.25</u>
		<u>152,847.76</u>
TOTAL ASSETS		152,847.76
		=====
LIABILITIES		
=====		
EQUITY		
=====		
17-00-50300	Restricted Fund Balance	<u>90,628.89</u>
TOTAL BEGINNING EQUITY		90,628.89
TOTAL REVENUE		<u>5,457.23</u>
TOTAL REVENUE OVER/(UNDER) EXPENSES		5,457.23
(WILL CLOSE TO FUND BAL.)		56,761.64
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>152,847.76</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		152,847.76
		=====

18 -Health Insurance Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
18-00-10050	Cash - Health Insurance	<u>76,792.04</u>
		<u>76,792.04</u>
	TOTAL ASSETS	76,792.04
		=====
LIABILITIES		
=====		
18-00-30090	Claims Payable	<u>79,545.00</u>
	TOTAL LIABILITIES	<u>79,545.00</u>
EQUITY		
=====		
18-00-57090	Assigned Fund Balance	(<u>79,491.77</u>)
	TOTAL BEGINNING EQUITY	(79,491.77)
	TOTAL REVENUE	93,666.39
	TOTAL EXPENDITURES	<u>74,933.54</u>
	TOTAL REVENUE OVER/(UNDER) EXPENSES	18,732.85
	(WILL CLOSE TO FUND BAL.)	58,005.96
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	(<u>2,752.96</u>)
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.	76,792.04
		=====

20 -Designated Funds-Parks

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
=====			
20-00-10099	Claim on Cash	696,783.01	
20-00-11000	T-Bills and CD's	<u>525,000.00</u>	
		<u>1,221,783.01</u>	
	TOTAL ASSETS		1,221,783.01
			=====
LIABILITIES			
=====			
20-00-30099	A/P Due to Pooled Cash	<u>244,614.25</u>	
	TOTAL LIABILITIES		<u>244,614.25</u>
EQUITY			
=====			
	TOTAL EXPENDITURES	<u>244,614.25</u>	
	TOTAL REVENUE OVER/(UNDER) EXPENSES	(244,614.25)	
	(WILL CLOSE TO FUND BAL.)	1,221,783.01	
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>977,168.76</u>	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		1,221,783.01
			=====

80 -General Obligation Bonds

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
ASSETS			
=====			
80-00-10880	Cash - 2018 GO Bd Series	5,645.18	
80-00-10890	Cash - 2019 GO Bd Series	33,661.91	
80-00-10891	Cash - 2020 GO Bd Series	326,416.23	
80-00-10892	Cash - 2021 GO Bond Series	891,266.77	
80-00-10893	Cash - 2022 GO Bond Series	836,559.16	
80-00-11091	T-Bills and CD's - 2020	625,000.00	
80-00-11092	T-bills and CD's - Series 2021	4,511,641.68	
80-00-11093	T-bills and CD's - Series 2022	5,737,086.50	
80-00-11189	Interest Rec - 2019 GO Bd Seri	112.40	
80-00-11190	Interest Rec - 2020 GO Bd Seri	1,964.16	
80-00-11191	Interest Rec - 2021 GO Bd Seri	<u>5,739.00</u>	
			<u>12,975,092.99</u>
TOTAL ASSETS			12,975,092.99
			=====
LIABILITIES			
=====			
80-00-30099	A/P Due to Pooled Cash	51,843.39	
80-00-30789	Deferred Int Income - 2019	111.99	
80-00-30790	Deferred Int Income - 2020	1,964.01	
80-00-30791	Deferred Int Income - 2021	5,739.00	
80-00-37176	Retainage Payable	<u>86,700.00</u>	
TOTAL LIABILITIES			<u>146,358.39</u>
EQUITY			
=====			
80-00-50100	FUND BALANCE	5,609,140.40	
80-00-50186	Fund Balance 2016 GO Bd Series	674,041.64	
80-00-50187	Fund Balance 2017 GO Bd Series	1,800,793.83	
80-00-50188	Fund Balance 2018 GO Bond Seri	2,295,921.45	
80-00-50189	Fund Balance 2019 GO Bd Series	<u>2,986,673.53</u>	
TOTAL BEGINNING EQUITY			13,366,570.85
TOTAL REVENUE		3,106.01	
TOTAL EXPENDITURES		<u>52,150.17</u>	
TOTAL REVENUE OVER/(UNDER) EXPENSES		(49,044.16)	
(WILL CLOSE TO FUND BAL.)		(488,792.09)	
TOTAL EQUITY & REV. OVER/(UNDER) EXP.			<u>12,828,734.60</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			12,975,092.99
			=====

99 -Pooled Cash

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
ASSETS		
=====		
99-00-10090	Pooled Cash - Meter Deposits	892,930.03
99-00-10099	Pooled Cash	4,591,317.62
99-00-12001	Due from General Fund	469,382.14
99-00-12006	Due from Municipal Authority	133,869.67
99-00-12007	Due from GF - CIP	3,825.72
99-00-12020	Due from Designated Fund-Parks	244,614.25
99-00-12080	Due from GO Bonds	<u>51,843.39</u>
		<u>6,387,782.82</u>
TOTAL ASSETS		6,387,782.82
		=====
LIABILITIES		
=====		
99-00-30099	Accounts Payable	903,535.17
99-00-37099	Due to other Funds	<u>5,484,247.65</u>
TOTAL LIABILITIES		<u>6,387,782.82</u>
EQUITY		
=====		
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		6,387,782.82
		=====

CITY OF NICHOLS HILLS
REVENUE & EXPENSE REPORT (UNAUDITED)
AS OF: JULY 31ST, 2022

4.h.b

01 -General Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>14,494,942</u>	<u>961,653.87</u>	<u>961,653.87</u>	<u>0.00</u>	<u>13,533,287.70</u>	<u>93.37</u>
TOTAL REVENUES	14,494,942	961,653.87	961,653.87	0.00	13,533,287.70	93.37
<u>EXPENDITURE SUMMARY</u>						
City Council	784	66.39	66.39	0.00	717.61	91.53
Administration	663,752	124,970.57	124,970.57	0.00	538,781.32	81.17
City Treasurer	1,307	110.65	110.65	0.00	1,196.35	91.53
City Attorney	260,000	14,904.50	14,904.50	0.00	245,095.50	94.27
Municipal Court	120,216	21,733.91	21,733.91	0.00	98,482.45	81.92
Police Department	2,805,080	352,688.88	352,688.88	4,539.86	2,447,851.71	87.26
Fire Department	2,338,719	264,972.84	264,972.84	4,400.00	2,069,345.93	88.48
City Engineer	210,000	17,384.10	17,384.10	59,875.74	132,740.16	63.21
Street Department	367,414	46,609.61	46,609.61	5,704.91	315,099.17	85.76
Sanitation	924,252	97,228.55	97,228.55	172.85	826,851.06	89.46
Parks Department	310,980	20,761.15	20,761.15	1,569.92	288,648.96	92.82
Public Works Admin	242,147	30,772.83	30,772.83	1,437.13	209,937.44	86.70
General Government	1,959,466	273,881.88	273,881.88	806,745.68	878,838.44	44.85
Code Department	362,890	42,041.82	42,041.82	866.94	319,980.88	88.18
Risk Manager	214,106	20,797.80	20,797.80	24,999.50	168,308.61	78.61
Information Systems Mgr	<u>449,575</u>	<u>47,310.65</u>	<u>47,310.65</u>	<u>3,296.60</u>	<u>398,967.74</u>	<u>88.74</u>
TOTAL EXPENDITURES	11,230,689	1,376,236.13	1,376,236.13	913,609.13	8,940,843.33	79.61
REVENUE OVER/ (UNDER) EXPENDITURES	3,264,253 (	414,582.26) (	414,582.26) (	913,609.13)	4,592,444.37	140.69

Attachment: RG REV & EXP W-ENC (ROLL) - 1677 (5965 : 4 h Finance Director's Report)

01 -General Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues						
=====						
<u>General Sales Tax</u>						
01-00-70250 Sales Tax	4,976,667	470,788.54	470,788.54	0.00	4,505,878.46	90.54
01-00-70350 Use Tax Revenue	785,249	84,525.68	84,525.68	0.00	700,723.32	89.24
01-00-70450 Tobacco Tax Revenue	<u>36,804</u>	<u>3,369.36</u>	<u>3,369.36</u>	<u>0.00</u>	<u>33,434.64</u>	<u>90.85</u>
TOTAL General Sales Tax	5,798,720	558,683.58	558,683.58	0.00	5,240,036.42	90.37
<u>Miscellaneous Taxes</u>						
01-00-71550 Franchise Tax	<u>313,436</u>	<u>30,228.09</u>	<u>30,228.09</u>	<u>0.00</u>	<u>283,207.91</u>	<u>90.36</u>
TOTAL Miscellaneous Taxes	313,436	30,228.09	30,228.09	0.00	283,207.91	90.36
<u>Licenses and Permits</u>						
01-00-72050 Building Permits	138,131	5,593.00	5,593.00	0.00	132,538.00	95.95
01-00-72075 Plumbing Permits	23,910	1,700.00	1,700.00	0.00	22,210.00	92.89
01-00-72100 Electrical Permits	21,673	1,515.00	1,515.00	0.00	20,158.00	93.01
01-00-72125 Roof Permits	1,368	340.00	340.00	0.00	1,028.00	75.15
01-00-72150 Drive/Drain Permits - Tree	7,264	2,060.00	2,060.00	0.00	5,204.00	71.64
01-00-72175 Food Vendor Permits	60	0.00	0.00	0.00	60.00	100.00
01-00-72200 Garage Sale Permits	100	60.00	60.00	0.00	40.00	40.00
01-00-72300 Plumbing Licenses	18,303	5,175.00	5,175.00	0.00	13,128.00	71.73
01-00-72325 Electric Licenses	9,278	2,625.00	2,625.00	0.00	6,653.00	71.71
01-00-72350 General Contractor Registra	15,580	1,875.00	1,875.00	0.00	13,705.00	87.97
01-00-72399 Inspections	0	1,945.00	1,945.00	0.00	(1,945.00)	0.00
01-00-72400 Alcohol Licenses	15,048	0.00	0.00	0.00	15,048.00	100.00
01-00-72800 Dog/Cat Licenses	<u>690</u>	<u>5.00</u>	<u>5.00</u>	<u>0.00</u>	<u>685.00</u>	<u>99.28</u>
TOTAL Licenses and Permits	251,405	22,893.00	22,893.00	0.00	228,512.00	90.89
<u>Intergovernmental</u>						
01-00-73250 Alcohol Tax	9,992	935.82	935.82	0.00	9,056.18	90.63
01-00-73900 FEMA Reimbursement	<u>1,000,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,000,000.00</u>	<u>100.00</u>
TOTAL Intergovernmental	1,009,992	935.82	935.82	0.00	1,009,056.18	99.91
<u>Charges for Services</u>						
01-00-74200 Garbage	905,875	78,244.93	78,244.93	0.00	827,630.07	91.36
01-00-74500 Garbage - Commercial	96,578	9,993.81	9,993.81	0.00	86,584.19	89.65
01-00-74700 Solid Waste Fee	5,076	440.29	440.29	0.00	4,635.71	91.33
01-00-74850 Ambulance Fees	58,132	5,120.29	5,120.29	0.00	53,011.71	91.19
01-00-74950 Life and Safety	<u>1,091</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,091.00</u>	<u>100.00</u>
TOTAL Charges for Services	1,066,752	93,799.32	93,799.32	0.00	972,952.68	91.21
<u>Fines & Forfeits</u>						
01-00-76300 Police Fines	<u>80,713</u>	<u>7,900.24</u>	<u>7,900.24</u>	<u>0.00</u>	<u>72,812.76</u>	<u>90.21</u>
TOTAL Fines & Forfeits	80,713	7,900.24	7,900.24	0.00	72,812.76	90.21

CITY OF NICHOLS HILLS
REVENUE & EXPENSE REPORT (UNAUDITED)
AS OF: JULY 31ST, 2022

4.h.b

01 -General Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>Investment Earnings</u>						
01-00-78500 Interest Income	<u>3,871</u>	<u>2,356.80</u>	<u>2,356.80</u>	<u>0.00</u>	<u>1,514.20</u>	<u>39.12</u>
TOTAL Investment Earnings	3,871	2,356.80	2,356.80	0.00	1,514.20	39.12
<u>Miscellaneous Revenue</u>						
01-00-79500 Leases	260,187	42,506.76	42,506.76	0.00	217,680.24	83.66
01-00-79550 Misc. Income	<u>42,799</u>	<u>3,279.34</u>	<u>3,279.34</u>	<u>0.00</u>	<u>39,519.66</u>	<u>92.34</u>
TOTAL Miscellaneous Revenue	302,986	45,786.10	45,786.10	0.00	257,199.90	84.89
<u>Fund Balance Carryover</u>						
01-00-79800 Carryover	<u>3,472,895</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>3,472,894.57</u>	<u>100.00</u>
TOTAL Fund Balance Carryover	3,472,895	0.00	0.00	0.00	3,472,894.57	100.00
<u>Transfers</u>						
01-00-79900 Leasehold Transfer	<u>2,194,172</u>	<u>199,070.92</u>	<u>199,070.92</u>	<u>0.00</u>	<u>1,995,101.08</u>	<u>90.93</u>
TOTAL Transfers	<u>2,194,172</u>	<u>199,070.92</u>	<u>199,070.92</u>	<u>0.00</u>	<u>1,995,101.08</u>	<u>90.93</u>
TOTAL Revenues	14,494,942	961,653.87	961,653.87	0.00	13,533,287.70	93.37
TOTAL REVENUE	14,494,942	961,653.87	961,653.87	0.00	13,533,287.70	93.37

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
City Council =====						
<u>Personnel Services</u>						
01-01-80100 Salary	720	60.00	60.00	0.00	660.00	91.67
01-01-80300 FICA/Medicare	55	4.59	4.59	0.00	50.41	91.65
01-01-80700 Unemployment	<u>9</u>	<u>1.80</u>	<u>1.80</u>	<u>0.00</u>	<u>7.20</u>	<u>80.00</u>
TOTAL Personnel Services	784	66.39	66.39	0.00	717.61	91.53
TOTAL City Council	784	66.39	66.39	0.00	717.61	91.53
Administration =====						
<u>Personnel Services</u>						
01-02-80100 Salary	454,943	87,137.32	87,137.32	0.00	367,805.58	80.85
01-02-80200 Overtime	500	0.00	0.00	0.00	500.00	100.00
01-02-80300 FICA/Medicare	36,430	6,785.87	6,785.87	0.00	29,643.77	81.37
01-02-80400 Dental Insurance	1,800	129.18	129.18	0.00	1,670.82	92.82
01-02-80500 Health Insurance	55,221	4,308.18	4,308.18	0.00	50,912.82	92.20
01-02-80600 Worker's Comp	9,598	1,800.90	1,800.90	0.00	7,797.10	81.24
01-02-80700 Unemployment	800	0.00	0.00	0.00	800.00	100.00
01-02-80800 OMRF Pension	37,213	3,896.32	3,896.32	0.00	33,317.03	89.53
01-02-81400 Car Allowance	<u>17,000</u>	<u>1,566.67</u>	<u>1,566.67</u>	<u>0.00</u>	<u>15,433.33</u>	<u>90.78</u>
TOTAL Personnel Services	613,505	105,624.44	105,624.44	0.00	507,880.45	82.78
<u>Material and Supplies</u>						
01-02-83000 Material & Supplies	<u>500</u>	<u>35.50</u>	<u>35.50</u>	<u>0.00</u>	<u>464.50</u>	<u>92.90</u>
TOTAL Material and Supplies	500	35.50	35.50	0.00	464.50	92.90
<u>Other Services</u>						
01-02-84000 Equipment Maintenance	4,000	0.00	0.00	0.00	4,000.00	100.00
01-02-84300 Training & Membership	7,000	831.27	831.27	0.00	6,168.73	88.12
01-02-84400 Software Agreements	19,000	15,325.57	15,325.57	0.00	3,674.43	19.34
01-02-84700 Telephone	<u>4,400</u>	<u>1,874.87</u>	<u>1,874.87</u>	<u>0.00</u>	<u>2,525.13</u>	<u>57.39</u>
TOTAL Other Services	34,400	18,031.71	18,031.71	0.00	16,368.29	47.58
<u>Capital Projects</u>						
<u>Transfers Out</u>						
01-02-99000 Transfer to CIP (Depreciati	<u>15,347</u>	<u>1,278.92</u>	<u>1,278.92</u>	<u>0.00</u>	<u>14,068.08</u>	<u>91.67</u>
TOTAL Transfers Out	15,347	1,278.92	1,278.92	0.00	14,068.08	91.67
TOTAL Administration	663,752	124,970.57	124,970.57	0.00	538,781.32	81.17

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
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City Treasurer
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Personnel Services

01-03-80100 Salary	1,200	100.00	100.00	0.00	1,100.00	91.67
01-03-80300 FICA/Medicare	92	7.65	7.65	0.00	84.35	91.68
01-03-80700 Unemployment	15	3.00	3.00	0.00	12.00	80.00
TOTAL Personnel Services	1,307	110.65	110.65	0.00	1,196.35	91.53

TOTAL City Treasurer	1,307	110.65	110.65	0.00	1,196.35	91.53
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City Attorney
=====

Other Services

01-04-87100 Legal Services	260,000	14,904.50	14,904.50	0.00	245,095.50	94.27
TOTAL Other Services	260,000	14,904.50	14,904.50	0.00	245,095.50	94.27

TOTAL City Attorney	260,000	14,904.50	14,904.50	0.00	245,095.50	94.27
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Municipal Court
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Personnel Services

01-05-80100 Salary	83,139	9,679.06	9,679.06	0.00	73,460.43	88.36
01-05-80200 Overtime	500	0.00	0.00	0.00	500.00	100.00
01-05-80300 FICA/Medicare	6,001	740.45	740.45	0.00	5,260.50	87.66
01-05-80400 Dental Insurance	450	43.06	43.06	0.00	406.94	90.43
01-05-80500 Health Insurance	7,501	655.67	655.67	0.00	6,845.33	91.26
01-05-80600 Worker's Comp	2,400	600.30	600.30	0.00	1,799.70	74.99
01-05-80700 Unemployment	400	132.08	132.08	0.00	267.92	66.98
01-05-80800 OMRP Pension	5,075	674.33	674.33	0.00	4,400.59	86.71
TOTAL Personnel Services	105,466	12,524.95	12,524.95	0.00	92,941.41	88.12

Material and Supplies

01-05-83000 Material & Supplies	1,000	0.00	0.00	0.00	1,000.00	100.00
TOTAL Material and Supplies	1,000	0.00	0.00	0.00	1,000.00	100.00

Other Services

01-05-84000 Equipment Maintenance	250	0.00	0.00	0.00	250.00	100.00
01-05-84300 Training & Membership	700	0.00	0.00	0.00	700.00	100.00
01-05-84400 Software Agreement	11,500	9,078.71	9,078.71	0.00	2,421.29	21.05
01-05-84700 Telephone	1,300	130.25	130.25	0.00	1,169.75	89.98
TOTAL Other Services	13,750	9,208.96	9,208.96	0.00	4,541.04	33.03

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>Transfers Out</u>						
TOTAL Municipal Court	120,216	21,733.91	21,733.91	0.00	98,482.45	81.92
Police Department =====						
<u>Personnel Services</u>						
01-06-80100 Salary	1,764,537	235,836.00	235,836.00	0.00	1,528,700.52	86.63
01-06-80200 Overtime	8,500	3,419.50	3,419.50	0.00	5,080.50	59.77
01-06-80300 FICA/Medicare	159,626	19,025.67	19,025.67	0.00	140,600.22	88.08
01-06-80400 Dental Insurance	12,270	990.38	990.38	0.00	11,279.62	91.93
01-06-80500 Health Insurance	317,356	26,089.68	26,089.68	0.00	291,266.32	91.78
01-06-80600 Worker's Comp	59,973	14,407.18	14,407.18	0.00	45,565.82	75.98
01-06-80700 Unemployment	4,500	1,477.65	1,477.65	0.00	3,022.35	67.16
01-06-80800 OMRP Pension	32,790	3,904.93	3,904.93	0.00	28,885.09	88.09
01-06-81050 Police Pension	141,680	15,465.38	15,465.38	0.00	126,214.64	89.08
01-06-81100 Uniform Allowance	21,000	9,389.82	9,389.82	1,209.82	10,400.36	49.53
01-06-81200 Medical Exams	<u>1,500</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,500.00</u>	<u>100.00</u>
TOTAL Personnel Services	2,523,731	330,006.19	330,006.19	1,209.82	2,192,515.44	86.88
<u>Material and Supplies</u>						
01-06-83000 Material & Supplies	<u>7,000</u>	<u>1,132.69</u>	<u>1,132.69</u>	<u>1,350.00</u>	<u>4,517.31</u>	<u>64.53</u>
TOTAL Material and Supplies	7,000	1,132.69	1,132.69	1,350.00	4,517.31	64.53
<u>Other Services</u>						
01-06-84000 Equipment Maintenance	45,000	2,100.00	2,100.00	150.00	42,750.00	95.00
01-06-84100 Vehicle Maintenance	35,000	7,603.01	7,603.01	611.90	26,785.09	76.53
01-06-84200 Building Maintenance	30,000	554.74	554.74	0.00	29,445.26	98.15
01-06-84300 Training & Membership	20,000	1,097.02	1,097.02	1,218.14	17,684.84	88.42
01-06-84600 Lease/Rental	9,000	0.00	0.00	0.00	9,000.00	100.00
01-06-84700 Telephone	15,000	2,073.71	2,073.71	0.00	12,926.29	86.18
01-06-84800 Utilities	1,000	38.27	38.27	0.00	961.73	96.17
01-06-84900 Fuel	20,000	0.00	0.00	0.00	20,000.00	100.00
01-06-85000 Janitorial Services	15,000	1,262.50	1,262.50	0.00	13,737.50	91.58
01-06-85300 Animal Control	<u>2,500</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>2,500.00</u>	<u>100.00</u>
TOTAL Other Services	192,500	14,729.25	14,729.25	1,980.04	175,790.71	91.32
<u>Transfers Out</u>						
01-06-99000 Transfer to CIP (Depreciat	<u>81,849</u>	<u>6,820.75</u>	<u>6,820.75</u>	<u>0.00</u>	<u>75,028.25</u>	<u>91.67</u>
TOTAL Transfers Out	81,849	6,820.75	6,820.75	0.00	75,028.25	91.67
TOTAL Police Department	2,805,080	352,688.88	352,688.88	4,539.86	2,447,851.71	87.26

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Fire Department						
=====						
<u>Personnel Services</u>						
01-07-80100 Salary	1,339,743	163,507.94	163,507.94	0.00	1,176,235.05	87.80
01-07-80200 Overtime	72,880	7,982.29	7,982.29	0.00	64,897.71	89.05
01-07-80300 FICA/Medicare	19,270	2,577.99	2,577.99	0.00	16,692.27	86.62
01-07-80400 Dental Insurance	7,596	602.84	602.84	0.00	6,993.16	92.06
01-07-80500 Health Insurance	189,983	17,749.83	17,749.83	0.00	172,233.17	90.66
01-07-80600 Worker's Comp	37,385	8,404.19	8,404.19	0.00	28,980.81	77.52
01-07-80700 Unemployment	2,912	414.59	414.59	0.00	2,497.41	85.76
01-07-81000 Fire Pension	181,499	22,891.12	22,891.12	0.00	158,607.40	87.39
01-07-81100 Uniform Allowance	15,000	6,300.00	6,300.00	0.00	8,700.00	58.00
01-07-81200 Medical Exams	<u>8,400</u>	<u>646.00</u>	<u>646.00</u>	<u>0.00</u>	<u>7,754.00</u>	<u>92.31</u>
TOTAL Personnel Services	1,874,668	231,076.79	231,076.79	0.00	1,643,590.98	87.67
<u>Material and Supplies</u>						
01-07-83000 Material & Supplies	<u>8,000</u>	<u>1,501.63</u>	<u>1,501.63</u>	<u>0.00</u>	<u>6,498.37</u>	<u>81.23</u>
TOTAL Material and Supplies	8,000	1,501.63	1,501.63	0.00	6,498.37	81.23
<u>Other Services</u>						
01-07-84000 Equipment Maintenance	11,500	413.44	413.44	0.00	11,086.56	96.40
01-07-84100 Vehicle Maintenance	132,500	312.37	312.37	0.00	132,187.63	99.76
01-07-84200 Building Maintenance	47,000	1,432.26	1,432.26	4,400.00	41,167.74	87.59
01-07-84300 Training & Membership	15,500	4,091.28	4,091.28	0.00	11,408.72	73.60
01-07-84400 Membership	1,500	72.00	72.00	0.00	1,428.00	95.20
01-07-84500 Fire Department Publication	1,000	34.95	34.95	0.00	965.05	96.51
01-07-84600 Lease/Rental	1,500	0.00	0.00	0.00	1,500.00	100.00
01-07-84700 Telephone	7,100	971.64	971.64	0.00	6,128.36	86.31
01-07-84800 Utilities	2,600	38.27	38.27	0.00	2,561.73	98.53
01-07-84900 Fuel	7,650	0.00	0.00	0.00	7,650.00	100.00
01-07-85200 EMSA Subsidy	30,730	2,506.68	2,506.68	0.00	28,223.32	91.84
01-07-86850 Software Maintenance	<u>13,100</u>	<u>7,157.28</u>	<u>7,157.28</u>	<u>0.00</u>	<u>5,942.72</u>	<u>45.36</u>
TOTAL Other Services	271,680	17,030.17	17,030.17	4,400.00	250,249.83	92.11
<u>Transfers Out</u>						
01-07-99000 Transfer to CIP (Depreciati	<u>184,371</u>	<u>15,364.25</u>	<u>15,364.25</u>	<u>0.00</u>	<u>169,006.75</u>	<u>91.67</u>
TOTAL Transfers Out	184,371	15,364.25	15,364.25	0.00	169,006.75	91.67
TOTAL Fire Department	2,338,719	264,972.84	264,972.84	4,400.00	2,069,345.93	88.48
City Engineer						
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<u>Personnel Services</u>						

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>Other Services</u>						
01-08-86075 Engineering Fees	210,000	17,384.10	17,384.10	59,875.74	132,740.16	63.21
TOTAL Other Services	210,000	17,384.10	17,384.10	59,875.74	132,740.16	63.21
TOTAL City Engineer	210,000	17,384.10	17,384.10	59,875.74	132,740.16	63.21
Street Department =====						
<u>Personnel Services</u>						
01-09-80100 Salary	138,833	19,073.11	19,073.11	0.00	119,760.21	86.26
01-09-80200 Overtime	1,872	0.00	0.00	0.00	1,872.00	100.00
01-09-80300 FICA/Medicare	9,091	1,474.40	1,474.40	0.00	7,616.42	83.78
01-09-80400 Dental Insurance	1,628	129.18	129.18	0.00	1,498.82	92.07
01-09-80500 Health Insurance	33,013	2,874.26	2,874.26	0.00	30,138.74	91.29
01-09-80600 Worker's Comp	7,199	1,200.60	1,200.60	0.00	5,998.40	83.32
01-09-80700 Unemployment	600	180.14	180.14	0.00	419.86	69.98
01-09-80800 OMRP Pension	9,831	1,541.84	1,541.84	0.00	8,288.71	84.32
01-09-80900 Stand By Pay	2,100	200.00	200.00	0.00	1,900.00	90.48
01-09-81100 Uniform Allowance	3,194	337.86	337.86	0.00	2,856.14	89.42
01-09-81200 Medical Exams	780	186.00	186.00	0.00	594.00	76.15
TOTAL Personnel Services	208,141	27,197.39	27,197.39	0.00	180,943.30	86.93
<u>Material and Supplies</u>						
01-09-83000 Material & Supplies	9,000	1,845.89	1,845.89	167.00	6,987.11	77.63
01-09-83300 Minor Tools	1,000	0.00	0.00	0.00	1,000.00	100.00
01-09-83500 Safety Supplies	1,300	777.29	777.29	0.00	522.71	40.21
01-09-83700 Misc. Supplies	250	0.00	0.00	125.00	125.00	50.00
TOTAL Material and Supplies	11,550	2,623.18	2,623.18	292.00	8,634.82	74.76
<u>Other Services</u>						
01-09-84000 Equipment Maintenance	3,000	0.00	0.00	83.97	2,916.03	97.20
01-09-84100 Vehicle Maintenance	4,000	5,149.31	5,149.31	5,069.94	6,219.25	155.48
01-09-84600 Lease/Rental	800	0.00	0.00	0.00	800.00	100.00
01-09-84700 Telephone	1,400	151.11	151.11	0.00	1,248.89	89.21
01-09-84800 Utilities	500	20.31	20.31	0.00	479.69	95.94
01-09-84900 Fuel	5,000	0.00	0.00	0.00	5,000.00	100.00
01-09-85500 Street Lighting	82,000	7,216.39	7,216.39	259.00	74,524.61	90.88
TOTAL Other Services	96,700	12,537.12	12,537.12	5,412.91	78,749.97	81.44
<u>Transfers Out</u>						
01-09-99000 Transfer to CIP (Depreciati	51,023	4,251.92	4,251.92	0.00	46,771.08	91.67
TOTAL Transfers Out	51,023	4,251.92	4,251.92	0.00	46,771.08	91.67
TOTAL Street Department	367,414	46,609.61	46,609.61	5,704.91	315,099.17	85.76

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Sanitation =====						
<u>Personnel Services</u>						
01-10-80100 Salary	452,831	46,783.56	46,783.56	0.00	406,047.38	89.67
01-10-80300 FICA/Medicare	33,724	3,578.95	3,578.95	0.00	30,145.17	89.39
01-10-80400 Dental Insurance	5,425	387.54	387.54	0.00	5,037.46	92.86
01-10-80500 Health Insurance	83,128	6,624.31	6,624.31	0.00	76,503.69	92.03
01-10-80600 Worker's Comp	23,990	6,002.99	6,002.99	0.00	17,987.01	74.98
01-10-80700 Unemployment	2,000	976.26	976.26	0.00	1,023.74	51.19
01-10-80800 OMRP Pension	35,266	3,495.12	3,495.12	0.00	31,771.28	90.09
01-10-81100 Uniform Allowance	7,379	1,012.80	1,012.80	0.00	6,366.20	86.27
01-10-81200 Medical Exams	<u>500</u>	<u>246.00</u>	<u>246.00</u>	<u>0.00</u>	<u>254.00</u>	<u>50.80</u>
TOTAL Personnel Services	644,243	69,107.53	69,107.53	0.00	575,135.93	89.27
<u>Material and Supplies</u>						
01-10-83000 Material & Supplies	1,500	50.00	50.00	0.00	1,450.00	96.67
01-10-83500 Safety Supplies	2,000	598.42	598.42	0.00	1,401.58	70.08
01-10-83700 Misc. Supplies	<u>100</u>	<u>926.64</u>	<u>926.64</u>	<u>0.00</u>	<u>(826.64)</u>	<u>826.64-</u>
TOTAL Material and Supplies	3,600	1,575.06	1,575.06	0.00	2,024.94	56.25
<u>Other Services</u>						
01-10-84000 Equipment Maintenance	500	35.00	35.00	0.00	465.00	93.00
01-10-84100 Vehicle Maintenance	15,000	3,486.77	3,486.77	172.85	11,340.38	75.60
01-10-84700 Telephone	0	141.96	141.96	0.00	(141.96)	0.00
01-10-84800 Utilities	600	20.31	20.31	0.00	579.69	96.62
01-10-84900 Fuel	12,000	0.00	0.00	0.00	12,000.00	100.00
01-10-85800 Landfill Disposal	60,000	5,761.60	5,761.60	0.00	54,238.40	90.40
01-10-85825 Commercial Garbage Disposal	<u>100,000</u>	<u>9,741.24</u>	<u>9,741.24</u>	<u>0.00</u>	<u>90,258.76</u>	<u>90.26</u>
TOTAL Other Services	188,100	19,186.88	19,186.88	172.85	168,740.27	89.71
<u>Capital Projects</u>						
<u>Transfers Out</u>						
01-10-99000 Transfer to CIP (Depreciati	<u>88,309</u>	<u>7,359.08</u>	<u>7,359.08</u>	<u>0.00</u>	<u>80,949.92</u>	<u>91.67</u>
TOTAL Transfers Out	88,309	7,359.08	7,359.08	0.00	80,949.92	91.67

TOTAL Sanitation	924,252	97,228.55	97,228.55	172.85	826,851.06	89.46
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Parks Department

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<u>Personnel Services</u>						
01-11-80100 Salary	91,969	0.00	0.00	0.00	91,968.73	100.00
01-11-80200 Overtime	1,000	0.00	0.00	0.00	1,000.00	100.00
01-11-80300 FICA/Medicare	7,037	0.00	0.00	0.00	7,036.64	100.00
01-11-80400 Dental Insurance	1,085	0.00	0.00	0.00	1,085.00	100.00
01-11-80500 Health Insurance	15,001	0.00	0.00	0.00	15,001.00	100.00

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
01-11-80600 Worker's Comp	4,799	0.00	0.00	0.00	4,799.00	100.00
01-11-80700 Unemployment	400	0.00	0.00	0.00	400.00	100.00
01-11-80800 OMRP Pension	7,358	0.00	0.00	0.00	7,357.66	100.00
01-11-81100 Uniform Allowance	2,658	0.00	0.00	0.00	2,658.00	100.00
01-11-81200 Medical Exams	<u>500</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>500.00</u>	<u>100.00</u>
TOTAL Personnel Services	131,806	0.00	0.00	0.00	131,806.03	100.00
<u>Material and Supplies</u>						
01-11-83000 Material & Supplies	500	0.00	0.00	0.00	500.00	100.00
01-11-83500 Safety Supplies	<u>525</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>525.00</u>	<u>100.00</u>
TOTAL Material and Supplies	1,025	0.00	0.00	0.00	1,025.00	100.00
<u>Other Services</u>						
01-11-84100 Vehicle Maintenance	795	0.00	0.00	0.00	795.00	100.00
01-11-85700 Parks Maintenance	18,500	1,743.32	1,743.32	1,569.92	15,186.76	82.09
01-11-85900 Park Maintenance Contract	<u>127,230</u>	<u>16,382.50</u>	<u>16,382.50</u>	<u>0.00</u>	<u>110,847.50</u>	<u>87.12</u>
TOTAL Other Services	146,525	18,125.82	18,125.82	1,569.92	126,829.26	86.56
<u>Transfers Out</u>						
01-11-99000 Transfer to CIP (Depreciati	<u>31,624</u>	<u>2,635.33</u>	<u>2,635.33</u>	<u>0.00</u>	<u>28,988.67</u>	<u>91.67</u>
TOTAL Transfers Out	31,624	2,635.33	2,635.33	0.00	28,988.67	91.67
TOTAL Parks Department	310,980	20,761.15	20,761.15	1,569.92	288,648.96	92.82
Public Works Admin						
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<u>Personnel Services</u>						
01-12-80100 Salary	151,329	20,305.21	20,305.21	0.00	131,023.73	86.58
01-12-80300 FICA/Medicare	11,578	1,553.34	1,553.34	0.00	10,024.33	86.58
01-12-80400 Dental Insurance	1,085	86.12	86.12	0.00	998.88	92.06
01-12-80500 Health Insurance	19,062	1,666.73	1,666.73	0.00	17,395.27	91.26
01-12-80600 Worker's Comp	2,547	1,200.60	1,200.60	0.00	1,346.40	52.86
01-12-80700 Unemployment	400	128.32	128.32	0.00	271.68	67.92
01-12-80800 OMRP Pension	12,107	1,624.42	1,624.42	0.00	10,482.37	86.58
01-12-81200 Medical Exams	<u>500</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>500.00</u>	<u>100.00</u>
TOTAL Personnel Services	198,607	26,564.74	26,564.74	0.00	172,042.66	86.62
<u>Material and Supplies</u>						
01-12-83000 Material & Supplies	1,500	193.92	193.92	0.00	1,306.08	87.07
01-12-83200 Office Supplies	3,000	0.00	0.00	290.80	2,709.20	90.31
01-12-83700 Misc. Supplies	<u>500</u>	<u>45.48</u>	<u>45.48</u>	<u>0.00</u>	<u>454.52</u>	<u>90.90</u>
TOTAL Material and Supplies	5,000	239.40	239.40	290.80	4,469.80	89.40
<u>Other Services</u>						
01-12-84000 Equipment Maintenance	3,000	28.36	28.36	0.00	2,971.64	99.05
01-12-84100 Vehicle Maintenance	1,500	10.00	10.00	320.00	1,170.00	78.00
01-12-84200 Building Maintenance	4,000	1,021.76	1,021.76	0.00	2,978.24	74.46
01-12-84250 Fueling Station Maintenance	2,000	0.00	0.00	0.00	2,000.00	100.00

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
01-12-84300 Training & Membership	2,000	294.47	294.47	826.33	879.20	43.96
01-12-84600 Lease/Rental	1,500	0.00	0.00	0.00	1,500.00	100.00
01-12-84700 Telephone	4,000	1,848.80	1,848.80	0.00	2,151.20	53.78
01-12-84800 Utilities	1,000	20.30	20.30	0.00	979.70	97.97
01-12-84900 Fuel	8,900	0.00	0.00	0.00	8,900.00	100.00
01-12-85000 Janitorial Services	10,140	745.00	745.00	0.00	9,395.00	92.65
01-12-86300 Publications	500	0.00	0.00	0.00	500.00	100.00
TOTAL Other Services	38,540	3,968.69	3,968.69	1,146.33	33,424.98	86.73
Capital Projects						
Transfers Out						

TOTAL Public Works Admin	242,147	30,772.83	30,772.83	1,437.13	209,937.44	86.70
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General Government
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Material and Supplies

01-13-83000 Material & Supplies	20,000	1,463.14	1,463.14	96.20	18,440.66	92.20
TOTAL Material and Supplies	20,000	1,463.14	1,463.14	96.20	18,440.66	92.20

Other Services

01-13-84000 Equipment Maintenance	24,000	9,542.92	9,542.92	4,320.00	10,137.08	42.24
01-13-84200 Building Maintenance	14,000	3,395.99	3,395.99	0.00	10,604.01	75.74
01-13-84300 Training & Membership	3,000	0.00	0.00	0.00	3,000.00	100.00
01-13-84600 Lease/Rental	396	99.00	99.00	0.00	297.00	75.00
01-13-84700 Telephone	6,300	43.46	43.46	0.00	6,256.54	99.31
01-13-84800 Utilities	12,000	38.28	38.28	0.00	11,961.72	99.68
01-13-85000 Janitorial Services	18,260	1,362.50	1,362.50	0.00	16,897.50	92.54
01-13-85400 Bank Charges	34,000	4,720.50	4,720.50	0.00	29,279.50	86.12
01-13-86050 Consulting Fees	4,000	0.00	0.00	0.00	4,000.00	100.00
01-13-86100 Liability Insurance/Bonds	215,710	59,098.90	59,098.90	0.00	156,611.10	72.60
01-13-86300 Publications	22,000	1,433.23	1,433.23	0.00	20,566.77	93.49
01-13-86400 Auditing Fees	25,000	125.01	125.01	0.00	24,874.99	99.50
01-13-86500 Election Expenses	3,000	0.00	0.00	0.00	3,000.00	100.00
01-13-86600 ACOG Dues	3,000	3,221.00	3,221.00	0.00	221.00	7.37-
01-13-86700 OML Dues	5,800	0.00	0.00	0.00	5,800.00	100.00
01-13-86800 Reassessment Fees	28,000	0.00	0.00	0.00	28,000.00	100.00
01-13-86900 Postage	6,000	858.78	858.78	0.00	5,141.22	85.69
01-13-87000 Misc. Expenses	60,000	5,416.20	5,416.20	36.00	54,547.80	90.91
01-13-87100 H.R.A.	25,000	1,071.00	1,071.00	0.00	23,929.00	95.72
01-13-87200 Education Scholarship	10,000	0.00	0.00	0.00	10,000.00	100.00
TOTAL Other Services	519,466	90,426.77	90,426.77	4,356.00	424,683.23	81.75

Capital Projects

01-13-88100 Council Approval Capital Ou	120,000	181,991.97	181,991.97	802,293.48	(864,285.45)	720.24-
TOTAL Capital Projects	120,000	181,991.97	181,991.97	802,293.48	(864,285.45)	720.24-

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>Transfers Out</u>						
01-13-99900 Transfer out to CIP	<u>1,300,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,300,000.00</u>	<u>100.00</u>
TOTAL Transfers Out	1,300,000	0.00	0.00	0.00	1,300,000.00	100.00
TOTAL General Government	1,959,466	273,881.88	273,881.88	806,745.68	878,838.44	44.85
Code Department =====						
<u>Personnel Services</u>						
01-14-80100 Salary	250,038	24,267.72	24,267.72	0.00	225,770.73	90.29
01-14-80200 Overtime	0	84.96	84.96	0.00	(84.96)	0.00
01-14-80300 FICA/Medicare	19,128	1,862.99	1,862.99	0.00	17,265.08	90.26
01-14-80400 Dental Insurance	2,170	129.18	129.18	0.00	2,040.82	94.05
01-14-80500 Health Insurance	31,713	2,677.79	2,677.79	0.00	29,035.21	91.56
01-14-80600 Worker's Comp	5,597	2,401.20	2,401.20	0.00	3,195.80	57.10
01-14-80700 Unemployment	800	421.18	421.18	0.00	378.82	47.35
01-14-80800 OMRP Pension	20,003	1,948.21	1,948.21	0.00	18,054.91	90.26
01-14-81100 Uniform Rental	1,827	428.15	428.15	0.00	1,398.85	76.57
01-14-81200 Medical Exams	<u>500</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>500.00</u>	<u>100.00</u>
TOTAL Personnel Services	331,777	34,221.38	34,221.38	0.00	297,555.26	89.69
<u>Material and Supplies</u>						
01-14-83000 Material & Supplies	1,100	123.84	123.84	0.00	976.16	88.74
01-14-83200 Office Supplies	200	0.00	0.00	0.00	200.00	100.00
01-14-83500 Safety Supplies	<u>0</u>	<u>149.95</u>	<u>149.95</u>	<u>0.00</u>	<u>(149.95)</u>	<u>0.00</u>
TOTAL Material and Supplies	1,300	273.79	273.79	0.00	1,026.21	78.94
<u>Other Services</u>						
01-14-84100 Vehicle Maintenance	2,000	422.97	422.97	625.94	951.09	47.55
01-14-84300 Training & Membership	2,000	0.00	0.00	241.00	1,759.00	87.95
01-14-84400 Software Agreement	5,443	6,122.97	6,122.97	0.00	(679.97)	12.49
01-14-84700 Telephone	6,000	349.58	349.58	0.00	5,650.42	94.17
01-14-84800 Utilities	1,000	20.30	20.30	0.00	979.70	97.97
01-14-84900 Fuel	<u>1,300</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,300.00</u>	<u>100.00</u>
TOTAL Other Services	17,743	6,915.82	6,915.82	866.94	9,960.24	56.14
<u>Capital Projects</u>						
01-14-88850 Life and Safety	<u>4,500</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>4,500.00</u>	<u>100.00</u>
TOTAL Capital Projects	4,500	0.00	0.00	0.00	4,500.00	100.00
<u>Transfers Out</u>						
01-14-99000 Transfer to CIP (Depreciat	<u>7,570</u>	<u>630.83</u>	<u>630.83</u>	<u>0.00</u>	<u>6,939.17</u>	<u>91.67</u>
TOTAL Transfers Out	7,570	630.83	630.83	0.00	6,939.17	91.67
TOTAL Code Department	362,890	42,041.82	42,041.82	866.94	319,980.88	88.18

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
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Risk Manager
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Personnel Services

01-15-80100 Salary	125,203	15,547.42	15,547.42	0.00	109,655.96	87.58
01-15-80300 FICA/Medicare	9,267	1,194.35	1,194.35	0.00	8,072.59	87.11
01-15-80400 Dental Insurance	517	43.06	43.06	0.00	473.94	91.67
01-15-80500 Health Insurance	17,880	1,575.42	1,575.42	0.00	16,304.58	91.19
01-15-80600 Worker's Comp	2,400	600.30	600.30	0.00	1,799.70	74.99
01-15-80700 Unemployment	200	0.00	0.00	0.00	200.00	100.00
01-15-80800 OMRP Pension	9,891	1,243.80	1,243.80	0.00	8,646.79	87.42
01-15-81200 Medical Exams	<u>100</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>100.00</u>
TOTAL Personnel Services	165,458	20,204.35	20,204.35	0.00	145,253.56	87.79

Material and Supplies

01-15-83000 Material & Supplies	<u>5,500</u>	(<u>31.44</u>)	(<u>31.44</u>)	<u>0.00</u>	<u>5,531.44</u>	<u>100.57</u>
TOTAL Material and Supplies	5,500	(31.44)	(31.44)	0.00	5,531.44	100.57

Other Services

01-15-84000 Equipment Maintenance	100	0.00	0.00	0.00	100.00	100.00
01-15-84100 Vehicle Maintenance	1,000	0.00	0.00	0.00	1,000.00	100.00
01-15-84300 Training & Membership	5,000	41.77	41.77	0.00	4,958.23	99.16
01-15-84700 Telephone	1,800	129.12	129.12	0.00	1,670.88	92.83
01-15-84850 Wellness Program	29,000	0.00	0.00	24,999.50	4,000.50	13.79
01-15-84900 Fuel	<u>800</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>800.00</u>	<u>100.00</u>
TOTAL Other Services	37,700	170.89	170.89	24,999.50	12,529.61	33.24

Transfers Out

01-15-99000 Transfer to CIP (Depreciati	<u>5,448</u>	<u>454.00</u>	<u>454.00</u>	<u>0.00</u>	<u>4,994.00</u>	<u>91.67</u>
TOTAL Transfers Out	5,448	454.00	454.00	0.00	4,994.00	91.67

TOTAL Risk Manager	214,106	20,797.80	20,797.80	24,999.50	168,308.61	78.61
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Information Systems Mgr
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Personnel Services

01-16-80100 Salary	193,028	25,392.12	25,392.12	0.00	167,635.86	86.85
01-16-80200 Overtime	500	0.00	0.00	0.00	500.00	100.00
01-16-80300 FICA/Medicare	14,807	1,965.44	1,965.44	0.00	12,841.17	86.73
01-16-80400 Dental Insurance	898	86.12	86.12	0.00	811.88	90.41
01-16-80500 Health Insurance	31,396	2,728.40	2,728.40	0.00	28,667.60	91.31
01-16-80600 Worker's Comp	4,799	1,200.60	1,200.60	0.00	3,598.40	74.98
01-16-80700 Unemployment	400	70.62	70.62	0.00	329.38	82.35
01-16-80800 OMRP Pension	15,483	2,055.37	2,055.37	0.00	13,428.03	86.73
01-16-81400 Car Allowance	<u>2,400</u>	<u>300.00</u>	<u>300.00</u>	<u>0.00</u>	<u>2,100.00</u>	<u>87.50</u>
TOTAL Personnel Services	263,711	33,798.67	33,798.67	0.00	229,912.32	87.18

01 -General Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>Material and Supplies</u>						
01-16-83000 Material Supplies	4,000	319.46	319.46	350.00	3,330.54	83.26
TOTAL Material and Supplies	4,000	319.46	319.46	350.00	3,330.54	83.26
<u>Other Services</u>						
01-16-84000 Equipment Maintenance	55,000	4,022.98	4,022.98	2,946.60	48,030.42	87.33
01-16-84200 Building Maintenance	1,200	0.00	0.00	0.00	1,200.00	100.00
01-16-84300 Training & Membership	11,000	100.00	100.00	0.00	10,900.00	99.09
01-16-84600 Lease/Rental	14,000	1,439.18	1,439.18	0.00	12,560.82	89.72
01-16-84700 Telephone	5,000	325.03	325.03	0.00	4,674.97	93.50
01-16-86050 Consulting Fees	8,000	0.00	0.00	0.00	8,000.00	100.00
TOTAL Other Services	94,200	5,887.19	5,887.19	2,946.60	85,366.21	90.62
<u>Transfers Out</u>						
01-16-99000 Transfer to CIP (Depreciati	87,664	7,305.33	7,305.33	0.00	80,358.67	91.67
TOTAL Transfers Out	87,664	7,305.33	7,305.33	0.00	80,358.67	91.67
TOTAL Information Systems Mgr	449,575	47,310.65	47,310.65	3,296.60	398,967.74	88.74
TOTAL EXPENDITURES	11,230,689	1,376,236.13	1,376,236.13	913,609.13	8,940,843.33	79.61
REVENUE OVER/ (UNDER) EXPENDITURES	3,264,253 (	414,582.26) (	414,582.26) (	913,609.13)	4,592,444.37	140.69

02 -Street & Alley
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>229,616</u>	<u>1,449.32</u>	<u>1,449.32</u>	<u>0.00</u>	<u>228,166.68</u>	<u>99.37</u>
TOTAL REVENUES	229,616	1,449.32	1,449.32	0.00	228,166.68	99.37
<u>EXPENDITURE SUMMARY</u>						
Streets & Alley	<u>229,616</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>229,616.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	229,616	0.00	0.00	0.00	229,616.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	1,449.32	1,449.32	0.00 (	1,449.32)	0.00

02 -Street & Alley

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues =====						
<u>Intergovernmental</u>						
02-00-73400 Gasoline Tax	5,646	603.43	603.43	0.00	5,042.57	89.31
02-00-73450 Motor Vehicle License	<u>26,001</u>	<u>548.96</u>	<u>548.96</u>	<u>0.00</u>	<u>25,452.04</u>	<u>97.89</u>
TOTAL Intergovernmental	31,647	1,152.39	1,152.39	0.00	30,494.61	96.36
<u>Investment Earnings</u>						
02-00-78500 Interest Income	<u>269</u>	<u>296.93</u>	<u>296.93</u>	<u>0.00</u>	(<u>27.93</u>)	<u>10.38-</u>
TOTAL Investment Earnings	269	296.93	296.93	0.00	(27.93)	10.38-
<u>Fund Balance Carryover</u>						
02-00-79800 Carryover	<u>197,700</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>197,700.00</u>	<u>100.00</u>
TOTAL Fund Balance Carryover	<u>197,700</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>197,700.00</u>	<u>100.00</u>
TOTAL Revenues	229,616	1,449.32	1,449.32	0.00	228,166.68	99.37
TOTAL REVENUE	229,616	1,449.32	1,449.32	0.00	228,166.68	99.37

02 -Street & Alley

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Streets & Alley =====						
<u>Material and Supplies</u>						
02-09-83000 Material & Supplies	<u>45,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>45,000.00</u>	<u>100.00</u>
TOTAL Material and Supplies	45,000	0.00	0.00	0.00	45,000.00	100.00
<u>Other Services</u>						
02-09-84000 Equipment Maintenance	5,000	0.00	0.00	0.00	5,000.00	100.00
02-09-84100 Vehicle Maintenance	5,000	0.00	0.00	0.00	5,000.00	100.00
02-09-84600 Lease/Rental	5,000	0.00	0.00	0.00	5,000.00	100.00
02-09-85800 Contingency	<u>169,616</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>169,616.00</u>	<u>100.00</u>
TOTAL Other Services	184,616	0.00	0.00	0.00	184,616.00	100.00
TOTAL Streets & Alley	229,616	0.00	0.00	0.00	229,616.00	100.00
TOTAL EXPENDITURES	229,616	0.00	0.00	0.00	229,616.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	1,449.32	1,449.32	0.00 (	1,449.32)	0.00

03 -Designated Fds-Fire & Gen
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>3,580</u>	<u>103.12</u>	<u>103.12</u>	<u>0.00</u>	<u>3,476.88</u>	<u>97.12</u>
TOTAL REVENUES	3,580	103.12	103.12	0.00	3,476.88	97.12
<u>EXPENDITURE SUMMARY</u>						
Fire Department	<u>3,580</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>3,580.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	3,580	0.00	0.00	0.00	3,580.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	103.12	103.12	0.00 (	103.12)	0.00

03 -Designated Fds-Fire & Gen

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues =====						
<u>Investment Earnings</u>						
03-00-78500 Interest Income	0	3.12	3.12	0.00	(3.12)	0.00
TOTAL Investment Earnings	0	3.12	3.12	0.00	(3.12)	0.00
<u>Miscellaneous Revenue</u>						
03-00-79507 Revenue - Fire	0	100.00	100.00	0.00	(100.00)	0.00
TOTAL Miscellaneous Revenue	0	100.00	100.00	0.00	(100.00)	0.00
<u>Fund Balance Carryover</u>						
03-00-79807 Carryover	3,580	0.00	0.00	0.00	3,580.00	100.00
TOTAL Fund Balance Carryover	3,580	0.00	0.00	0.00	3,580.00	100.00
TOTAL Revenues	3,580	103.12	103.12	0.00	3,476.88	97.12
TOTAL REVENUE	3,580	103.12	103.12	0.00	3,476.88	97.12

03 -Designated Fds-Fire & Gen

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Police Department =====						
Material and Supplies						
Other Services						
Fire Department =====						
Material and Supplies						
Other Services						
Capital Projects						
03-07-88000 CAPITAL OUTLAY - FIRE DEPT.	3,580	0.00	0.00	0.00	3,580.00	100.00
TOTAL Capital Projects	3,580	0.00	0.00	0.00	3,580.00	100.00
TOTAL Fire Department	3,580	0.00	0.00	0.00	3,580.00	100.00
Public Works =====						
Material and Supplies						
Other Services						
General Government =====						
Material and Supplies						
TOTAL EXPENDITURES	3,580	0.00	0.00	0.00	3,580.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	103.12	103.12	0.00 (	103.12)	0.00

04 -Designated Funds-Police
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>68,193</u>	<u>361.49</u>	<u>361.49</u>	<u>0.00</u>	<u>67,831.51</u>	<u>99.47</u>
TOTAL REVENUES	68,193	361.49	361.49	0.00	67,831.51	99.47
<u>EXPENDITURE SUMMARY</u>						
Police Department	<u>68,193</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>68,193.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	68,193	0.00	0.00	0.00	68,193.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	361.49	361.49	0.00 (	361.49)	0.00

04 -Designated Funds-Police

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues =====						
<u>Investment Earnings</u>						
04-00-78500 Interest Income	0	111.49	111.49	0.00	(111.49)	0.00
TOTAL Investment Earnings	0	111.49	111.49	0.00	(111.49)	0.00
<u>Miscellaneous Revenue</u>						
04-00-79506 Revenue - Police	750	250.00	250.00	0.00	500.00	66.67
TOTAL Miscellaneous Revenue	750	250.00	250.00	0.00	500.00	66.67
<u>Fund Balance Carryover</u>						
04-00-79806 Carryover - Police Dept	67,443	0.00	0.00	0.00	67,443.00	100.00
TOTAL Fund Balance Carryover	67,443	0.00	0.00	0.00	67,443.00	100.00
TOTAL Revenues	68,193	361.49	361.49	0.00	67,831.51	99.47
TOTAL REVENUE	68,193	361.49	361.49	0.00	67,831.51	99.47

04 -Designated Funds-Police

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Police Department =====						
<u>Material and Supplies</u>						
04-06-83000 Material & Supplies	29,463	0.00	0.00	0.00	29,463.00	100.00
04-06-83300 Animal Control Supplies	<u>38,730</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>38,730.00</u>	<u>100.00</u>
TOTAL Material and Supplies	68,193	0.00	0.00	0.00	68,193.00	100.00
<u>Other Services</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TOTAL Police Department	68,193	0.00	0.00	0.00	68,193.00	100.00
TOTAL EXPENDITURES	68,193	0.00	0.00	0.00	68,193.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	361.49	361.49	0.00 (	361.49)	0.00

05 -Designated Funds-PW
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>2,251</u>	<u>2.96</u>	<u>2.96</u>	<u>0.00</u>	<u>2,248.04</u>	<u>99.87</u>
TOTAL REVENUES	2,251	2.96	2.96	0.00	2,248.04	99.87
<u>EXPENDITURE SUMMARY</u>						
Public Works	<u>2,251</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>2,251.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	2,251	0.00	0.00	0.00	2,251.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	2.96	2.96	0.00 (	2.96)	0.00

05 -Designated Funds-PW

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues =====						
<u>Investment Earnings</u>						
05-00-78500 Interest Income	0	2.96	2.96	0.00	(2.96)	0.00
TOTAL Investment Earnings	0	2.96	2.96	0.00	(2.96)	0.00
<u>Miscellaneous Revenue</u>						
<u>Fund Balance Carryover</u>						
05-00-79812 Carryover	2,251	0.00	0.00	0.00	2,251.00	100.00
TOTAL Fund Balance Carryover	2,251	0.00	0.00	0.00	2,251.00	100.00
TOTAL Revenues	2,251	2.96	2.96	0.00	2,248.04	99.87
TOTAL REVENUE	2,251	2.96	2.96	0.00	2,248.04	99.87

05 -Designated Funds-PW

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Public Works						
=====						
Material and Supplies						
05-12-83000 Material & Supplies	2,251	0.00	0.00	0.00	2,251.00	100.00
TOTAL Material and Supplies	2,251	0.00	0.00	0.00	2,251.00	100.00
TOTAL Public Works	2,251	0.00	0.00	0.00	2,251.00	100.00
TOTAL EXPENDITURES	2,251	0.00	0.00	0.00	2,251.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	2.96	2.96	0.00 (	2.96)	0.00

06 -Municipal Authority
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Municipal Auth Revenue	<u>4,718,620</u>	<u>739,024.56</u>	<u>739,024.56</u>	<u>0.00</u>	<u>3,979,595.59</u>	<u>84.34</u>
TOTAL REVENUES	4,718,620	739,024.56	739,024.56	0.00	3,979,595.59	84.34
<u>EXPENDITURE SUMMARY</u>						
Municipal Authority	4,273,620	429,576.83	429,576.83	13,620.22	3,830,423.10	89.63
General Government	<u>445,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>445,000.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	4,718,620	429,576.83	429,576.83	13,620.22	4,275,423.10	90.61
REVENUE OVER/ (UNDER) EXPENDITURES	0	309,447.73	309,447.73 (	13,620.22) (	295,827.51)	0.00

06 -Municipal Authority

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>Municipal Auth Revenue</u>						
=====						
<u>Water</u>						
06-00-75300 Water Revenue	3,169,002	560,210.41	560,210.41	0.00	2,608,791.59	82.32
TOTAL Water	3,169,002	560,210.41	560,210.41	0.00	2,608,791.59	82.32
<u>Wastewater</u>						
06-00-75700 Sewer Revenue	346,114	38,731.21	38,731.21	0.00	307,382.79	88.81
06-00-75800 OKC Sewer Charges Revenue	959,418	136,642.20	136,642.20	0.00	822,775.80	85.76
TOTAL Wastewater	1,305,532	175,373.41	175,373.41	0.00	1,130,158.59	86.57
<u>Water Taps</u>						
06-00-75900 Water Tap Revenue	14,584	0.00	0.00	0.00	14,584.00	100.00
TOTAL Water Taps	14,584	0.00	0.00	0.00	14,584.00	100.00
<u>Fines & Forfeits</u>						
06-00-76000 MXU Installation	320	0.00	0.00	0.00	320.00	100.00
TOTAL Fines & Forfeits	320	0.00	0.00	0.00	320.00	100.00
<u>Penalties</u>						
06-00-77750 Penalty Charges	12,000	2,204.06	2,204.06	0.00	9,795.94	81.63
TOTAL Penalties	12,000	2,204.06	2,204.06	0.00	9,795.94	81.63
<u>Investment Earnings</u>						
06-00-78200 Interest Income	3,024	1,111.68	1,111.68	0.00	1,912.32	63.24
TOTAL Investment Earnings	3,024	1,111.68	1,111.68	0.00	1,912.32	63.24
<u>Miscellaneous Revenue</u>						
06-00-79100 Misc Income	13,968	125.00	125.00	0.00	13,843.00	99.11
TOTAL Miscellaneous Revenue	13,968	125.00	125.00	0.00	13,843.00	99.11
<u>Fund Balance Carryover</u>						
06-00-79800 Carryover	200,190	0.00	0.00	0.00	200,190.15	100.00
TOTAL Fund Balance Carryover	200,190	0.00	0.00	0.00	200,190.15	100.00
TOTAL Municipal Auth Revenue	4,718,620	739,024.56	739,024.56	0.00	3,979,595.59	84.34
=====						
TOTAL REVENUE	4,718,620	739,024.56	739,024.56	0.00	3,979,595.59	84.34

06 -Municipal Authority

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Mun Auth Engineering =====						
Other Services						
Municipal Authority =====						
<u>Personnel Services</u>						
06-12-80100 Salary	556,031	64,020.11	64,020.11	0.00	492,011.26	88.49
06-12-80200 Overtime	4,576	732.11	732.11	0.00	3,843.89	84.00
06-12-80300 FICA/Medicare	42,536	5,000.56	5,000.56	0.00	37,535.71	88.24
06-12-80400 Dental Insurance	4,883	344.48	344.48	0.00	4,538.52	92.95
06-12-80500 Health Insurance	84,548	7,022.17	7,022.17	0.00	77,525.83	91.69
06-12-80600 Workers Comp	15,190	4,802.39	4,802.39	0.00	10,387.61	68.38
06-12-80700 Unemployment	1,800	739.72	739.72	0.00	1,060.28	58.90
06-12-80800 OMRP Pension	45,207	5,224.15	5,224.15	0.00	39,982.36	88.44
06-12-80900 Stand by Pay	5,200	550.00	550.00	0.00	4,650.00	89.42
06-12-81100 Uniform Rental	5,441	482.62	482.62	0.00	4,958.38	91.13
06-12-81200 Medical Exams	500	0.00	0.00	0.00	500.00	100.00
TOTAL Personnel Services	765,912	88,918.31	88,918.31	0.00	676,993.84	88.39
<u>Material and Supplies</u>						
06-12-83000 Materials & Supplies	57,000	9,732.63	9,732.63	5,866.56	41,400.81	72.63
06-12-83200 Office Supplies	2,000	846.01	846.01	60.00	1,093.99	54.70
06-12-83300 Minor Tools	2,000	0.00	0.00	659.90	1,340.10	67.01
06-12-83400 Lab Chemicals	4,000	112.00	112.00	0.00	3,888.00	97.20
06-12-83500 Safety Supplies	3,200	210.47	210.47	0.00	2,989.53	93.42
06-12-83700 Misc Supplies	500	0.00	0.00	125.00	375.00	75.00
TOTAL Material and Supplies	68,700	10,901.11	10,901.11	6,711.46	51,087.43	74.36
<u>Other Services</u>						
06-12-84000 Equipment Maintenance	7,000	0.00	0.00	83.96	6,916.04	98.80
06-12-84100 Vehicle Maintenance	20,000	332.23	332.23	283.11	19,384.66	96.92
06-12-84300 Training & Membership	8,000	0.00	0.00	215.00	7,785.00	97.31
06-12-84400 Software Agreements	17,000	10,218.87	10,218.87	0.00	6,781.13	39.89
06-12-84500 Well Maintenance	55,000	265.00	265.00	4,826.69	49,908.31	90.74
06-12-84550 Water Quality Testing	18,000	0.00	0.00	0.00	18,000.00	100.00
06-12-84600 Equipment Rental	2,000	0.00	0.00	0.00	2,000.00	100.00
06-12-84650 Lease Agreements	68,000	13,250.00	13,250.00	1,500.00	53,250.00	78.31
06-12-84700 Telephone	15,000	1,916.05	1,916.05	0.00	13,083.95	87.23
06-12-84800 Utilities	180,000	26,524.91	26,524.91	0.00	153,475.09	85.26
06-12-84900 Fuel	36,000	0.00	0.00	0.00	36,000.00	100.00
06-12-84950 Printing & Processing - Uti	15,000	1,281.09	1,281.09	0.00	13,718.91	91.46
06-12-85350 Emergency Repairs	35,000	0.00	0.00	0.00	35,000.00	100.00
06-12-86400 Auditing Fees	25,000	124.99	124.99	0.00	24,875.01	99.50
06-12-87700 OKC Sewer Charges	667,000	70,370.35	70,370.35	0.00	596,629.65	89.45

06 -Municipal Authority

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
06-12-87800 Leasehold Transfer	<u>2,194,172</u>	<u>199,070.92</u>	<u>199,070.92</u>	<u>0.00</u>	<u>1,995,101.08</u>	<u>90.93</u>
TOTAL Other Services	3,362,172	323,354.41	323,354.41	6,908.76	3,031,908.83	90.18
<u>Transfers Out</u>						
06-12-99000 Transfer to CIP (Depreciati	<u>76,836</u>	<u>6,403.00</u>	<u>6,403.00</u>	<u>0.00</u>	<u>70,433.00</u>	<u>91.67</u>
TOTAL Transfers Out	76,836	6,403.00	6,403.00	0.00	70,433.00	91.67
TOTAL Municipal Authority	4,273,620	429,576.83	429,576.83	13,620.22	3,830,423.10	89.63
General Government =====						
<u>Personnel Services</u>						
<u>Transfers Out</u>						
06-13-99900 Transfer out to other funds	<u>445,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>445,000.00</u>	<u>100.00</u>
TOTAL Transfers Out	445,000	0.00	0.00	0.00	445,000.00	100.00
TOTAL General Government	445,000	0.00	0.00	0.00	445,000.00	100.00
TOTAL EXPENDITURES	4,718,620	429,576.83	429,576.83	13,620.22	4,275,423.10	90.61
REVENUE OVER/ (UNDER) EXPENDITURES	0	309,447.73	309,447.73 (	13,620.22) (	295,827.51)	0.00

CITY OF NICHOLS HILLS
REVENUE & EXPENSE REPORT (UNAUDITED)
AS OF: JULY 31ST, 2022

4.h.b

07 -General Fund - CIP
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Gen Fund - CIP Revenue	<u>1,803,102</u>	<u>47,203.27</u>	<u>47,203.27</u>	<u>0.00</u>	<u>1,755,898.73</u>	<u>97.38</u>
TOTAL REVENUES	1,803,102	47,203.27	47,203.27	0.00	1,755,898.73	97.38
<u>EXPENDITURE SUMMARY</u>						
City Manager/Clerk	66,769	0.00	0.00	0.00	66,769.00	100.00
Police Department	193,470	0.00	0.00	110,128.00	83,342.00	43.08
Fire Department	565,977	721.82	721.82	24,793.07	540,462.11	95.49
Streets	105,634	0.00	0.00	0.00	105,634.00	100.00
Sanitation	406,555	0.00	0.00	298,047.04	108,507.96	26.69
Parks Department	107,515	3,103.90	3,103.90	10,641.52	93,769.58	87.22
Public Works Admin	4,370	0.00	0.00	0.00	4,370.00	100.00
Code Department	54,381	0.00	0.00	2,650.00	51,731.00	95.13
Risk Manager	34,889	0.00	0.00	0.00	34,889.00	100.00
Information Systems Mgr	<u>263,542</u>	<u>0.00</u>	<u>0.00</u>	<u>13,507.54</u>	<u>250,034.46</u>	<u>94.87</u>
TOTAL EXPENDITURES	1,803,102	3,825.72	3,825.72	459,767.17	1,339,509.11	74.29
REVENUE OVER/ (UNDER) EXPENDITURES	0	43,377.55	43,377.55 (	459,767.17)	416,389.62	0.00

07 -General Fund - CIP

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Gen Fund - CIP Revenue						
=====						
Intergovernmental	_____	_____	_____	_____	_____	_____
Investment Earnings						
07-00-78500 Interest Earnings	<u>0</u>	<u>1,102.86</u>	<u>1,102.86</u>	<u>0.00</u>	(<u>1,102.86</u>)	<u>0.00</u>
TOTAL Investment Earnings	0	1,102.86	1,102.86	0.00	(1,102.86)	0.00
Fund Balance Carryover						
07-00-79800 Carryover	<u>1,249,897</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,249,897.00</u>	<u>100.00</u>
TOTAL Fund Balance Carryover	1,249,897	0.00	0.00	0.00	1,249,897.00	100.00
Transfers						
07-00-79920 Deprecation Transfers In	<u>553,205</u>	<u>46,100.41</u>	<u>46,100.41</u>	<u>0.00</u>	<u>507,104.59</u>	<u>91.67</u>
TOTAL Transfers	<u>553,205</u>	<u>46,100.41</u>	<u>46,100.41</u>	<u>0.00</u>	<u>507,104.59</u>	<u>91.67</u>
TOTAL Gen Fund - CIP Revenue	1,803,102	47,203.27	47,203.27	0.00	1,755,898.73	97.38
TOTAL REVENUE	1,803,102	47,203.27	47,203.27	0.00	1,755,898.73	97.38

07 -General Fund - CIP

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
City Manager/Clerk =====						
Capital Projects						
07-02-88200 Capital Imp-Furniture	4,048	0.00	0.00	0.00	4,048.00	100.00
07-02-88400 Capital Imp-Software	31,600	0.00	0.00	0.00	31,600.00	100.00
07-02-88500 Capital Imp-Equipment	<u>31,121</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>31,121.00</u>	<u>100.00</u>
TOTAL Capital Projects	66,769	0.00	0.00	0.00	66,769.00	100.00
TOTAL City Manager/Clerk	66,769	0.00	0.00	0.00	66,769.00	100.00
Municipal Court =====						
Capital Projects						
Police Department =====						
Capital Projects						
07-06-88100 Capital Outlay - Vehicles	31,497	0.00	0.00	0.00	31,497.00	100.00
07-06-88200 Capital Imp-Furniture	4,846	0.00	0.00	0.00	4,846.00	100.00
07-06-88400 Capital Imp-Software	10,080	0.00	0.00	0.00	10,080.00	100.00
07-06-88500 Capital Imp-Equipment	42,000	0.00	0.00	110,128.00	(68,128.00)	162.21-
07-06-88600 Capital Imp-Radios	88,116	0.00	0.00	0.00	88,116.00	100.00
07-06-88700 Capital Imp-Guns	<u>16,931</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>16,931.00</u>	<u>100.00</u>
TOTAL Capital Projects	193,470	0.00	0.00	110,128.00	83,342.00	43.08
TOTAL Police Department	193,470	0.00	0.00	110,128.00	83,342.00	43.08
Fire Department =====						
Capital Projects						
07-07-88000 Capital Outlay	0	0.00	0.00	22,893.07	(22,893.07)	0.00
07-07-88100 Capital Outlay - Vehicles	331,286	0.00	0.00	0.00	331,286.00	100.00
07-07-88200 Capital Imp-Furniture	44,675	721.82	721.82	0.00	43,953.18	98.38
07-07-88400 Capital Imp-Software	3,607	0.00	0.00	0.00	3,607.00	100.00
07-07-88500 Capital Imp-Equipment	87,471	0.00	0.00	0.00	87,471.00	100.00
07-07-88600 Capital Imp-Radios	27,067	0.00	0.00	0.00	27,067.00	100.00
07-07-88800 Capital Imp-Medical	17,000	0.00	0.00	1,900.00	15,100.00	88.82
07-07-88900 Capital Imp-SCBA	33,088	0.00	0.00	0.00	33,088.00	100.00
07-07-89100 Capital Imp - Fire Hose	<u>21,783</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>21,783.00</u>	<u>100.00</u>
TOTAL Capital Projects	565,977	721.82	721.82	24,793.07	540,462.11	95.49
TOTAL Fire Department	565,977	721.82	721.82	24,793.07	540,462.11	95.49

07 -General Fund - CIP

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Streets =====						
<u>Capital Projects</u>						
07-09-88100 Capital Outlay - Vehicles	39,464	0.00	0.00	0.00	39,464.00	100.00
07-09-88500 Capital Imp-Equipment	51,569	0.00	0.00	0.00	51,569.00	100.00
07-09-89200 Capital Imp-Monument Entry	<u>14,601</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>14,601.00</u>	<u>100.00</u>
TOTAL Capital Projects	105,634	0.00	0.00	0.00	105,634.00	100.00
TOTAL Streets	105,634	0.00	0.00	0.00	105,634.00	100.00
Sanitation =====						
<u>Capital Projects</u>						
07-10-88100 Capital Imp - Vehicles	<u>406,555</u>	<u>0.00</u>	<u>0.00</u>	<u>298,047.04</u>	<u>108,507.96</u>	<u>26.69</u>
TOTAL Capital Projects	406,555	0.00	0.00	298,047.04	108,507.96	26.69
TOTAL Sanitation	406,555	0.00	0.00	298,047.04	108,507.96	26.69
Parks Department =====						
<u>Capital Projects</u>						
07-11-88200 Capital Imp-Furniture	28,751	0.00	0.00	0.00	28,751.00	100.00
07-11-88500 Capital Imp-Equipment	<u>78,764</u>	<u>3,103.90</u>	<u>3,103.90</u>	<u>10,641.52</u>	<u>65,018.58</u>	<u>82.55</u>
TOTAL Capital Projects	107,515	3,103.90	3,103.90	10,641.52	93,769.58	87.22
TOTAL Parks Department	107,515	3,103.90	3,103.90	10,641.52	93,769.58	87.22
Public Works Admin =====						
<u>Capital Projects</u>						
07-12-88100 Capital Outlay - Vehicles	1,370	0.00	0.00	0.00	1,370.00	100.00
07-12-88500 Capital Imp-Equipment	<u>3,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>3,000.00</u>	<u>100.00</u>
TOTAL Capital Projects	4,370	0.00	0.00	0.00	4,370.00	100.00
TOTAL Public Works Admin	4,370	0.00	0.00	0.00	4,370.00	100.00

07 -General Fund - CIP

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
General Government =====						
<u>Other Services</u>						
<u>Capital Projects</u>						
Code Department =====						
<u>Capital Projects</u>						
07-14-88100 Capital Outlay - Vehicles	47,570	0.00	0.00	0.00	47,570.00	100.00
07-14-88400 Capital Imp-Software	<u>6,811</u>	<u>0.00</u>	<u>0.00</u>	<u>2,650.00</u>	<u>4,161.00</u>	<u>61.09</u>
TOTAL Capital Projects	54,381	0.00	0.00	2,650.00	51,731.00	95.13
TOTAL Code Department						
	54,381	0.00	0.00	2,650.00	51,731.00	95.13
Risk Manager =====						
<u>Capital Projects</u>						
07-15-88100 Capital Outlay - Vehicles	23,402	0.00	0.00	0.00	23,402.00	100.00
07-15-88200 Capital Imp-Furniture	1,604	0.00	0.00	0.00	1,604.00	100.00
07-15-88500 Capital Imp-Equipment	<u>9,883</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>9,883.00</u>	<u>100.00</u>
TOTAL Capital Projects	34,889	0.00	0.00	0.00	34,889.00	100.00
TOTAL Risk Manager						
	34,889	0.00	0.00	0.00	34,889.00	100.00
Information Systems Mgr =====						
<u>Capital Projects</u>						
07-16-88200 Capital Imp-Furniture	3,574	0.00	0.00	0.00	3,574.00	100.00
07-16-88300 Capital Imp-Computers	189,177	0.00	0.00	7,027.54	182,149.46	96.29
07-16-88400 Capital Outlay - Software	7,142	0.00	0.00	0.00	7,142.00	100.00
07-16-88500 Capital Imp-Equipment	<u>63,649</u>	<u>0.00</u>	<u>0.00</u>	<u>6,480.00</u>	<u>57,169.00</u>	<u>89.82</u>
TOTAL Capital Projects	263,542	0.00	0.00	13,507.54	250,034.46	94.87
TOTAL Information Systems Mgr						
	263,542	0.00	0.00	13,507.54	250,034.46	94.87
TOTAL EXPENDITURES						
	1,803,102	3,825.72	3,825.72	459,767.17	1,339,509.11	74.29
REVENUE OVER/(UNDER) EXPENDITURES	0	43,377.55	43,377.55 (	459,767.17)	416,389.62	0.00

08 -Sinking Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Undesignated	<u>5,354,190</u>	<u>10,040.69</u>	<u>10,040.69</u>	<u>0.00</u>	<u>5,344,149.31</u>	<u>99.81</u>
TOTAL REVENUES	5,354,190	10,040.69	10,040.69	0.00	5,344,149.31	99.81
<u>EXPENDITURE SUMMARY</u>						
General Government	<u>5,354,190</u>	<u>45.13</u>	<u>45.13</u>	<u>0.00</u>	<u>5,354,144.87</u>	<u>100.00</u>
TOTAL EXPENDITURES	5,354,190	45.13	45.13	0.00	5,354,144.87	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	9,995.56	9,995.56	0.00	(9,995.56)	0.00

08 -Sinking Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Undesignated						
=====						
<u>Property Tax Spec Purpos</u>						
08-00-71650 Ad Valorem Tax Revenue	<u>4,799,040</u>	<u>9,762.65</u>	<u>9,762.65</u>	<u>0.00</u>	<u>4,789,277.35</u>	<u>99.80</u>
TOTAL Property Tax Spec Purpos	4,799,040	9,762.65	9,762.65	0.00	4,789,277.35	99.80
<u>Investment Earnings</u>						
08-00-78500 Interest Earned	<u>18,000</u>	<u>278.04</u>	<u>278.04</u>	<u>0.00</u>	<u>17,721.96</u>	<u>98.46</u>
TOTAL Investment Earnings	18,000	278.04	278.04	0.00	17,721.96	98.46
<u>Miscellaneous Revenue</u>						
<u>Fund Balance Carryover</u>						
08-00-79800 Carryover	<u>537,150</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>537,150.00</u>	<u>100.00</u>
TOTAL Fund Balance Carryover	<u>537,150</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>537,150.00</u>	<u>100.00</u>
TOTAL Undesignated	5,354,190	10,040.69	10,040.69	0.00	5,344,149.31	99.81
TOTAL REVENUE	5,354,190	10,040.69	10,040.69	0.00	5,344,149.31	99.81

08 -Sinking Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
General Government =====						
<u>Other Services</u>						
08-13-85400 Bank Charges	<u>1,000</u>	<u>45.13</u>	<u>45.13</u>	<u>0.00</u>	<u>954.87</u>	<u>95.49</u>
TOTAL Other Services	1,000	45.13	45.13	0.00	954.87	95.49
<u>Capital Projects</u>						
08-13-91000 Principle Payments - GO Bon	4,325,000	0.00	0.00	0.00	4,325,000.00	100.00
08-13-92000 Interest Payments on GO Bon	1,026,090	0.00	0.00	0.00	1,026,090.00	100.00
08-13-93000 Fiscal Charges - Trustee	<u>2,100</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>2,100.00</u>	<u>100.00</u>
TOTAL Capital Projects	5,353,190	0.00	0.00	0.00	5,353,190.00	100.00
TOTAL General Government	5,354,190	45.13	45.13	0.00	5,354,144.87	100.00
TOTAL EXPENDITURES	5,354,190	45.13	45.13	0.00	5,354,144.87	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	9,995.56	9,995.56	0.00 (	9,995.56)	0.00

09 -Meter Deposits
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						

09 -Meter Deposits

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Undesignated =====						
<u>Investment Earnings</u>	=====	=====	=====	=====	=====	=====

10 -911 Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
911 Fund Revenues	<u>57,755</u>	<u>812.72</u>	<u>812.72</u>	<u>0.00</u>	<u>56,942.28</u>	<u>98.59</u>
TOTAL REVENUES	57,755	812.72	812.72	0.00	56,942.28	98.59
<u>EXPENDITURE SUMMARY</u>						
General Government	500	0.00	0.00	0.00	500.00	100.00
911 Association	<u>57,255</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>57,255.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	57,755	0.00	0.00	0.00	57,755.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	812.72	812.72	0.00 (	812.72)	0.00

10 -911 Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
911 Fund Revenues						
=====						
<u>Property Tax Spec Purpos</u>						
10-00-71800 911 ASSOCIATION	<u>8,000</u>	<u>722.96</u>	<u>722.96</u>	<u>0.00</u>	<u>7,277.04</u>	<u>90.96</u>
TOTAL Property Tax Spec Purpos	8,000	722.96	722.96	0.00	7,277.04	90.96
<u>Investment Earnings</u>						
10-00-78500 Interest Income	<u>10</u>	<u>89.76</u>	<u>89.76</u>	<u>0.00</u>	(<u>79.76</u>)	<u>797.60-</u>
TOTAL Investment Earnings	10	89.76	89.76	0.00	(79.76)	797.60-
<u>Fund Balance Carryover</u>						
10-00-79800 Carryover	<u>49,745</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>49,745.00</u>	<u>100.00</u>
TOTAL Fund Balance Carryover	<u>49,745</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>49,745.00</u>	<u>100.00</u>
TOTAL 911 Fund Revenues	57,755	812.72	812.72	0.00	56,942.28	98.59
TOTAL REVENUE	57,755	812.72	812.72	0.00	56,942.28	98.59

10 -911 Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
General Government =====						
Material and Supplies						
10-13-83000 MATERIAL & SUPPLIES	500	0.00	0.00	0.00	500.00	100.00
TOTAL Material and Supplies	500	0.00	0.00	0.00	500.00	100.00
Other Services						
TOTAL General Government						
	500	0.00	0.00	0.00	500.00	100.00
911 Association =====						
Other Services						
10-26-85800 Contingency	57,255	0.00	0.00	0.00	57,255.00	100.00
TOTAL Other Services	57,255	0.00	0.00	0.00	57,255.00	100.00
TOTAL 911 Association						
	57,255	0.00	0.00	0.00	57,255.00	100.00
TOTAL EXPENDITURES						
	57,755	0.00	0.00	0.00	57,755.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	812.72	812.72	0.00 (	812.72)	0.00

11 -Impound Fee Police Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Impound Fee Fund	<u>26,375</u>	<u>442.88</u>	<u>442.88</u>	<u>0.00</u>	<u>25,932.12</u>	<u>98.32</u>
TOTAL REVENUES	26,375	442.88	442.88	0.00	25,932.12	98.32
<u>EXPENDITURE SUMMARY</u>						
Police Dept	<u>26,375</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>26,375.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	26,375	0.00	0.00	0.00	26,375.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	442.88	442.88	0.00 (	442.88)	0.00

11 -Impound Fee Police Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Impound Fee Fund						
=====						
<u>Fines & Forfeits</u>						
11-00-76350 Police Impound Fees	3,500	400.00	400.00	0.00	3,100.00	88.57
TOTAL Fines & Forfeits	3,500	400.00	400.00	0.00	3,100.00	88.57
<u>Investment Earnings</u>						
11-00-78500 Interest Income	100	42.88	42.88	0.00	57.12	57.12
TOTAL Investment Earnings	100	42.88	42.88	0.00	57.12	57.12
<u>Fund Balance Carryover</u>						
11-00-79800 Carryover	22,775	0.00	0.00	0.00	22,775.00	100.00
TOTAL Fund Balance Carryover	22,775	0.00	0.00	0.00	22,775.00	100.00
TOTAL Impound Fee Fund	26,375	442.88	442.88	0.00	25,932.12	98.32
TOTAL REVENUE	26,375	442.88	442.88	0.00	25,932.12	98.32

11 -Impound Fee Police Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Police Dept =====						
<u>Material and Supplies</u>						
<u>Other Services</u>						
11-06-84000 Equipment Maintenance	5,000	0.00	0.00	0.00	5,000.00	100.00
11-06-86850 Software Maintenance	4,000	0.00	0.00	0.00	4,000.00	100.00
11-06-86875 Maintenance - Auto Lic Read	<u>17,375</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>17,375.00</u>	<u>100.00</u>
TOTAL Other Services	26,375	0.00	0.00	0.00	26,375.00	100.00
TOTAL Police Dept	26,375	0.00	0.00	0.00	26,375.00	100.00
TOTAL EXPENDITURES	26,375	0.00	0.00	0.00	26,375.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	442.88	442.88	0.00 (	442.88)	0.00

13 -Municipal Authority - CIP
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
NHMA CIP - Revenues	<u>1,591,422</u>	<u>7,907.14</u>	<u>7,907.14</u>	<u>0.00</u>	<u>1,583,514.86</u>	<u>99.50</u>
TOTAL REVENUES	1,591,422	7,907.14	7,907.14	0.00	1,583,514.86	99.50
<u>EXPENDITURE SUMMARY</u>						
General Government	1,576,451	0.00	0.00	567,303.65	1,009,147.35	64.01
Information Systems	<u>14,971</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>14,971.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	1,591,422	0.00	0.00	567,303.65	1,024,118.35	64.35
REVENUE OVER/ (UNDER) EXPENDITURES	0	7,907.14	7,907.14 (	567,303.65)	559,396.51	0.00

13 -Municipal Authority - CIP

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
NHMA CIP - Revenues =====						
Intergovernmental						
Investment Earnings						
13-00-78500 Interest	0	1,504.14	1,504.14	0.00	(1,504.14)	0.00
TOTAL Investment Earnings	0	1,504.14	1,504.14	0.00	(1,504.14)	0.00
Fund Balance Carryover						
13-00-79800 Carryover	1,514,586	0.00	0.00	0.00	1,514,586.00	100.00
TOTAL Fund Balance Carryover	1,514,586	0.00	0.00	0.00	1,514,586.00	100.00
Transfers						
13-00-79920 Deprecation Transfers In	76,836	6,403.00	6,403.00	0.00	70,433.00	91.67
TOTAL Transfers	76,836	6,403.00	6,403.00	0.00	70,433.00	91.67
TOTAL NHMA CIP - Revenues	1,591,422	7,907.14	7,907.14	0.00	1,583,514.86	99.50
TOTAL REVENUE	1,591,422	7,907.14	7,907.14	0.00	1,583,514.86	99.50

13 -Municipal Authority - CIP

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
General Government =====						
Capital Projects						
13-12-88000 Capital Outlay	129,398	0.00	0.00	567,303.65 (	437,905.65)	338.42-
13-12-88100 Vehicles	125,515	0.00	0.00	0.00	125,515.00	100.00
13-12-88400 Capital Imp - Software	44,910	0.00	0.00	0.00	44,910.00	100.00
13-12-88500 Capital Imp - Equipment	107,340	0.00	0.00	0.00	107,340.00	100.00
13-12-88600 Capital Imp - Radios/Commun	5,271	0.00	0.00	0.00	5,271.00	100.00
13-12-89200 Capital Imp-Water Wells	1,064,017	0.00	0.00	0.00	1,064,017.00	100.00
13-12-89300 Capital Imp-Paint Water Tow	<u>100,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100,000.00</u>	<u>100.00</u>
TOTAL Capital Projects	1,576,451	0.00	0.00	567,303.65	1,009,147.35	64.01
TOTAL General Government						
	1,576,451	0.00	0.00	567,303.65	1,009,147.35	64.01
Information Systems =====						
Capital Projects						
13-16-88300 Capital Outlay - Computers	<u>14,971</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>14,971.00</u>	<u>100.00</u>
TOTAL Capital Projects	14,971	0.00	0.00	0.00	14,971.00	100.00
TOTAL Information Systems						
	14,971	0.00	0.00	0.00	14,971.00	100.00
TOTAL EXPENDITURES						
	1,591,422	0.00	0.00	567,303.65	1,024,118.35	64.35
REVENUE OVER/ (UNDER) EXPENDITURES	0	7,907.14	7,907.14 (	567,303.65)	559,396.51	0.00

14 -Water Impact Fees Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Water Impact Fee	<u>122,344</u>	<u>189.13</u>	<u>189.13</u>	<u>0.00</u>	<u>122,154.87</u>	<u>99.85</u>
TOTAL REVENUES	122,344	189.13	189.13	0.00	122,154.87	99.85
<u>EXPENDITURE SUMMARY</u>						
Water Impact Fee	<u>122,344</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>122,344.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	122,344	0.00	0.00	0.00	122,344.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	189.13	189.13	0.00 (	189.13)	0.00

14 -Water Impact Fees Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Water Impact Fee =====						
<u>Water</u>						
14-00-75350 Water Capacity Charges	12,000	0.00	0.00	0.00	12,000.00	100.00
TOTAL Water	12,000	0.00	0.00	0.00	12,000.00	100.00
<u>Investment Earnings</u>						
14-00-78200 Interest Income	125	0.00	0.00	0.00	125.00	100.00
14-00-78500 Interest Income	0	189.13	189.13	0.00	(189.13)	0.00
TOTAL Investment Earnings	125	189.13	189.13	0.00	(64.13)	51.30-
<u>Fund Balance Carryover</u>						
14-00-79800 Fund Balance Carryover	110,219	0.00	0.00	0.00	110,219.00	100.00
TOTAL Fund Balance Carryover	110,219	0.00	0.00	0.00	110,219.00	100.00
TOTAL Water Impact Fee	122,344	189.13	189.13	0.00	122,154.87	99.85
TOTAL REVENUE	122,344	189.13	189.13	0.00	122,154.87	99.85

14 -Water Impact Fees Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Water Impact Fee =====						
Material and Supplies						
Other Services						
Capital Projects						
14-22-89900 Capital - Water System	122,344	0.00	0.00	0.00	122,344.00	100.00
TOTAL Capital Projects	122,344	0.00	0.00	0.00	122,344.00	100.00
TOTAL Water Impact Fee	122,344	0.00	0.00	0.00	122,344.00	100.00
TOTAL EXPENDITURES	122,344	0.00	0.00	0.00	122,344.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	189.13	189.13	0.00 (	189.13)	0.00

15 -Sewer Impact Fee Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Sewer Impact Fee	<u>83,140</u>	<u>124.73</u>	<u>124.73</u>	<u>0.00</u>	<u>83,015.27</u>	<u>99.85</u>
TOTAL REVENUES	83,140	124.73	124.73	0.00	83,015.27	99.85
<u>EXPENDITURE SUMMARY</u>						
Sewer Impact Fee	<u>83,140</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>83,140.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	83,140	0.00	0.00	0.00	83,140.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	124.73	124.73	0.00 (	124.73)	0.00

15 -Sewer Impact Fee Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Sewer Impact Fee =====						
<u>Wastewater</u>						
15-00-75750 Sewer Capacity Charges	11,000	0.00	0.00	0.00	11,000.00	100.00
TOTAL Wastewater	11,000	0.00	0.00	0.00	11,000.00	100.00
<u>Investment Earnings</u>						
15-00-78500 Interest Income	140	124.73	124.73	0.00	15.27	10.91
TOTAL Investment Earnings	140	124.73	124.73	0.00	15.27	10.91
<u>Fund Balance Carryover</u>						
15-00-79800 Fund Balance Carryover	72,000	0.00	0.00	0.00	72,000.00	100.00
TOTAL Fund Balance Carryover	72,000	0.00	0.00	0.00	72,000.00	100.00
TOTAL Sewer Impact Fee	83,140	124.73	124.73	0.00	83,015.27	99.85
TOTAL REVENUE	83,140	124.73	124.73	0.00	83,015.27	99.85

15 -Sewer Impact Fee Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Sewer Impact Fee =====						
Material and Supplies						
Other Services						
Capital Projects						
15-23-89900 Capital - Sewer System	83,140	0.00	0.00	0.00	83,140.00	100.00
TOTAL Capital Projects	83,140	0.00	0.00	0.00	83,140.00	100.00
TOTAL Sewer Impact Fee	83,140	0.00	0.00	0.00	83,140.00	100.00
TOTAL EXPENDITURES	83,140	0.00	0.00	0.00	83,140.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	124.73	124.73	0.00 (	124.73)	0.00

17 -Drainage Fee Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>142,682</u>	<u>5,457.23</u>	<u>5,457.23</u>	<u>0.00</u>	<u>137,224.77</u>	<u>96.18</u>
TOTAL REVENUES	142,682	5,457.23	5,457.23	0.00	137,224.77	96.18
<u>EXPENDITURE SUMMARY</u>						
Drainage	<u>142,682</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>142,682.00</u>	<u>100.00</u>
TOTAL EXPENDITURES	142,682	0.00	0.00	0.00	142,682.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	5,457.23	5,457.23	0.00 (	5,457.23)	0.00

17 -Drainage Fee Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues						
=====						
<u>Water</u>						
17-00-75370 Drainage Fee	<u>52,000</u>	<u>5,457.23</u>	<u>5,457.23</u>	<u>0.00</u>	<u>46,542.77</u>	<u>89.51</u>
TOTAL Water	52,000	5,457.23	5,457.23	0.00	46,542.77	89.51
<u>Investment Earnings</u>						
17-00-78500 Interest Income	<u>75</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>75.00</u>	<u>100.00</u>
TOTAL Investment Earnings	75	0.00	0.00	0.00	75.00	100.00
<u>Fund Balance Carryover</u>						
17-00-79800 Fund Balance Carryover	<u>90,607</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>90,607.00</u>	<u>100.00</u>
TOTAL Fund Balance Carryover	<u>90,607</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>90,607.00</u>	<u>100.00</u>
TOTAL Revenues	142,682	5,457.23	5,457.23	0.00	137,224.77	96.18
TOTAL REVENUE	142,682	5,457.23	5,457.23	0.00	137,224.77	96.18

17 -Drainage Fee Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Drainage =====						
Capital Projects						
17-24-89900 Drainage Capital	142,682	0.00	0.00	0.00	142,682.00	100.00
TOTAL Capital Projects	142,682	0.00	0.00	0.00	142,682.00	100.00
TOTAL Drainage	142,682	0.00	0.00	0.00	142,682.00	100.00
TOTAL EXPENDITURES	142,682	0.00	0.00	0.00	142,682.00	100.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	5,457.23	5,457.23	0.00 (	5,457.23)	0.00

18 -Health Insurance Fund
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>973,047</u>	<u>93,666.39</u>	<u>93,666.39</u>	<u>0.00</u>	<u>879,380.61</u>	<u>90.37</u>
TOTAL REVENUES	973,047	93,666.39	93,666.39	0.00	879,380.61	90.37
<u>EXPENDITURE SUMMARY</u>						
Revenues	1,000	35.76	35.76	0.00	964.24	96.42
Expenses	<u>972,047</u>	<u>74,897.78</u>	<u>74,897.78</u>	<u>0.00</u>	<u>897,149.22</u>	<u>92.29</u>
TOTAL EXPENDITURES	973,047	74,933.54	74,933.54	0.00	898,113.46	92.30
REVENUE OVER/ (UNDER) EXPENDITURES	0	18,732.85	18,732.85	0.00 (	18,732.85)	0.00

18 -Health Insurance Fund

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues =====						
<u>Investment Earnings</u>						
18-00-78500 Interest Income	50	373.99	373.99	0.00	(323.99)	647.98-
TOTAL Investment Earnings	50	373.99	373.99	0.00	(323.99)	647.98-
<u>Miscellaneous Revenue</u>						
18-00-79550 Misc. Income	10,000	0.00	0.00	0.00	10,000.00	100.00
TOTAL Miscellaneous Revenue	10,000	0.00	0.00	0.00	10,000.00	100.00
<u>Fund Balance Carryover</u>						
18-00-79805 Premium Revenue	962,997	93,292.40	93,292.40	0.00	869,704.60	90.31
TOTAL Fund Balance Carryover	962,997	93,292.40	93,292.40	0.00	869,704.60	90.31
TOTAL Revenues	973,047	93,666.39	93,666.39	0.00	879,380.61	90.37
TOTAL REVENUE	973,047	93,666.39	93,666.39	0.00	879,380.61	90.37

18 -Health Insurance Fund

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues						
=====						
<u>Other Services</u>						
18-00-85400 Bank Charges	<u>1,000</u>	<u>35.76</u>	<u>35.76</u>	<u>0.00</u>	<u>964.24</u>	<u>96.42</u>
TOTAL Other Services	1,000	35.76	35.76	0.00	964.24	96.42
TOTAL Revenues	1,000	35.76	35.76	0.00	964.24	96.42
Expenses						
=====						
<u>Personnel Services</u>						
18-13-80510 Premium Expense	192,021	17,528.41	17,528.41	0.00	174,492.59	90.87
18-13-80520 Health Insurance Claims	754,826	53,677.12	53,677.12	0.00	701,148.88	92.89
18-13-80530 Adminstration Cost	<u>25,200</u>	<u>3,692.25</u>	<u>3,692.25</u>	<u>0.00</u>	<u>21,507.75</u>	<u>85.35</u>
TOTAL Personnel Services	972,047	74,897.78	74,897.78	0.00	897,149.22	92.29
TOTAL Expenses	972,047	74,897.78	74,897.78	0.00	897,149.22	92.29
TOTAL EXPENDITURES	973,047	74,933.54	74,933.54	0.00	898,113.46	92.30
REVENUE OVER/ (UNDER) EXPENDITURES	0	18,732.85	18,732.85	0.00 (	18,732.85)	0.00

20 -Designated Funds-Parks
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Revenues	<u>1,500,000</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,500,000.00</u>	<u>100.00</u>
TOTAL REVENUES	1,500,000	0.00	0.00	0.00	1,500,000.00	100.00
<u>EXPENDITURE SUMMARY</u>						
Parks Donations	<u>1,150,000</u>	<u>244,614.25</u>	<u>244,614.25</u>	<u>589,239.00</u>	<u>316,146.75</u>	<u>27.49</u>
TOTAL EXPENDITURES	1,150,000	244,614.25	244,614.25	589,239.00	316,146.75	27.49
REVENUE OVER/ (UNDER) EXPENDITURES	350,000 (	244,614.25) (	244,614.25) (	589,239.00)	1,183,853.25	338.24

20 -Designated Funds-Parks

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Revenues =====						
Investment Earnings						
Miscellaneous Revenue						
20-00-79520 Donations - Parks	1,500,000	0.00	0.00	0.00	1,500,000.00	100.00
TOTAL Miscellaneous Revenue	1,500,000	0.00	0.00	0.00	1,500,000.00	100.00
Fund Balance Carryover						
TOTAL Revenues	1,500,000	0.00	0.00	0.00	1,500,000.00	100.00
TOTAL REVENUE	1,500,000	0.00	0.00	0.00	1,500,000.00	100.00

20 -Designated Funds-Parks

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Parks Donations						
=====						
<u>Material and Supplies</u>						
20-11-83900 Other Services & Charges	<u>150,000</u>	<u>16,275.00</u>	<u>16,275.00</u>	<u>30,225.00</u>	<u>103,500.00</u>	<u>69.00</u>
TOTAL Material and Supplies	150,000	16,275.00	16,275.00	30,225.00	103,500.00	69.00
<u>Capital Projects</u>						
20-11-88000 Capital Outlay	<u>1,000,000</u>	<u>228,339.25</u>	<u>228,339.25</u>	<u>559,014.00</u>	<u>212,646.75</u>	<u>21.26</u>
TOTAL Capital Projects	1,000,000	228,339.25	228,339.25	559,014.00	212,646.75	21.26
TOTAL Parks Donations	1,150,000	244,614.25	244,614.25	589,239.00	316,146.75	27.49
TOTAL EXPENDITURES	1,150,000	244,614.25	244,614.25	589,239.00	316,146.75	27.49
REVENUE OVER/ (UNDER) EXPENDITURES	350,000 (	244,614.25) (	244,614.25) (	589,239.00)	1,183,853.25	338.24

80 -General Obligation Bonds
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						
Int Earned/Misc Receipts	0	3,106.01	3,106.01	0.00	(3,106.01)	0.00
TOTAL REVENUES	0	3,106.01	3,106.01	0.00	(3,106.01)	0.00
<u>EXPENDITURE SUMMARY</u>						
2018 GO Bond	0	10.82	10.82	5,512.62	(5,523.44)	0.00
2019 GO Bond	0	8,615.73	8,615.73	23,516.99	(32,132.72)	0.00
2020 GO Bond	0	22,328.94	22,328.94	812,531.49	(834,860.43)	0.00
2021 GO Bond	0	15,521.63	15,521.63	1,202,239.94	(1,217,761.57)	0.00
2022 GO Bond	0	5,673.05	5,673.05	1,083,893.69	(1,089,566.74)	0.00
TOTAL EXPENDITURES	0	52,150.17	52,150.17	3,127,694.73	(3,179,844.90)	0.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	(49,044.16)	(49,044.16)	(3,127,694.73)	3,176,738.89	0.00

80 -General Obligation Bonds

% OF YEAR COMPLETED: 08.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
Int Earned/Misc Receipts						
=====						
Intergovernmental	_____	_____	_____	_____	_____	_____
Investment Earnings	_____	_____	_____	_____	_____	_____
Miscellaneous Revenue						
80-00-79088 Interest Income 2018 GO Bon	0	7.67	7.67	0.00 (	7.67)	0.00
80-00-79089 Interest Income 2019 GO Bon	0	187.83	187.83	0.00 (	187.83)	0.00
80-00-79090 Interest Income 2020 GO Bd	0	555.28	555.28	0.00 (	555.28)	0.00
80-00-79091 Interest Income 2021 GO Bon	0	1,215.62	1,215.62	0.00 (	1,215.62)	0.00
80-00-79092 Interest Income 2022 GO	<u>0</u>	<u>1,139.61</u>	<u>1,139.61</u>	<u>0.00 (</u>	<u>1,139.61)</u>	<u>0.00</u>
TOTAL Miscellaneous Revenue	0	3,106.01	3,106.01	0.00 (	3,106.01)	0.00
Fund Balance Carryover	=====	=====	=====	=====	=====	=====
TOTAL Int Earned/Misc Receipts	0	3,106.01	3,106.01	0.00 (	3,106.01)	0.00
TOTAL REVENUE	0	3,106.01	3,106.01	0.00 (	3,106.01)	0.00

80 -General Obligation Bonds

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
2012 GO Bond =====						
Other Services						
Capital Projects						
Transfers Out						
2015 GO Bond =====						
Other Services						
Capital Projects						
Transfers Out						
2016 GO Bond =====						
Other Services						
Capital Projects						
Transfers Out						
2017 GO Bond =====						
Other Services						
Capital Projects						
Transfers Out						
2018 GO Bond =====						
Other Services						
80-88-85400 Bank Charges	0	10.82	10.82	0.00	(10.82)	0.00
TOTAL Other Services	0	10.82	10.82	0.00	(10.82)	0.00

80 -General Obligation Bonds

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>Capital Projects</u>						
<u>Transfers Out</u>						
80-88-99400 Communications & Data Syste	0	0.00	0.00	5,512.62	(5,512.62)	0.00
TOTAL Transfers Out	0	0.00	0.00	5,512.62	(5,512.62)	0.00
TOTAL 2018 GO Bond	0	10.82	10.82	5,512.62	(5,523.44)	0.00
2019 GO Bond						
=====						
<u>Other Services</u>						
80-89-85400 Bank Charges	0	40.60	40.60	0.00	(40.60)	0.00
TOTAL Other Services	0	40.60	40.60	0.00	(40.60)	0.00
<u>Capital Projects</u>						
80-89-98550 Water Projects	0	8,575.13	8,575.13	23,516.99	(32,092.12)	0.00
TOTAL Capital Projects	0	8,575.13	8,575.13	23,516.99	(32,092.12)	0.00
<u>Transfers Out</u>						
TOTAL 2019 GO Bond	0	8,615.73	8,615.73	23,516.99	(32,132.72)	0.00
2020 GO Bond						
=====						
<u>Other Services</u>						
80-90-85400 Bank Charges	0	52.22	52.22	0.00	(52.22)	0.00
TOTAL Other Services	0	52.22	52.22	0.00	(52.22)	0.00
<u>Capital Projects</u>						
80-90-96550 Public Works Facility	0	3,150.00	3,150.00	308,358.94	(311,508.94)	0.00
80-90-97550 Paving (Streets)	0	17,833.05	17,833.05	142,602.25	(160,435.30)	0.00
80-90-98550 Water Projects	0	0.00	0.00	271,784.28	(271,784.28)	0.00
80-90-98750 Sanitary Sewer System	0	1,293.67	1,293.67	0.00	(1,293.67)	0.00
TOTAL Capital Projects	0	22,276.72	22,276.72	722,745.47	(745,022.19)	0.00
<u>Transfers Out</u>						
80-90-99700 Fire	0	0.00	0.00	89,786.02	(89,786.02)	0.00
TOTAL Transfers Out	0	0.00	0.00	89,786.02	(89,786.02)	0.00
TOTAL 2020 GO Bond	0	22,328.94	22,328.94	812,531.49	(834,860.43)	0.00

80 -General Obligation Bonds

% OF YEAR COMPLETED: 08.33

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
2021 GO Bond						
=====						
<u>Other Services</u>						
80-91-85400 Bank Charges	<u>0</u>	<u>102.27</u>	<u>102.27</u>	<u>0.00</u>	(<u>102.27</u>)	<u>0.00</u>
TOTAL Other Services	0	102.27	102.27	0.00	(102.27)	0.00
<u>Capital Projects</u>						
80-91-96550 Public Works Facility	0	0.00	0.00	729,292.41	(729,292.41)	0.00
80-91-97550 Paving (Streets)	0	9,669.60	9,669.60	74,540.86	(84,210.46)	0.00
80-91-98550 Water Projects	0	3,156.75	3,156.75	122,192.05	(125,348.80)	0.00
80-91-98750 Sanitary Sewer System	<u>0</u>	<u>1,475.21</u>	<u>1,475.21</u>	<u>276,214.62</u>	(<u>277,689.83</u>)	<u>0.00</u>
TOTAL Capital Projects	0	14,301.56	14,301.56	1,202,239.94	(1,216,541.50)	0.00
<u>Transfers Out</u>						
80-91-99800 Other Expense paid from int	<u>0</u>	<u>1,117.80</u>	<u>1,117.80</u>	<u>0.00</u>	(<u>1,117.80</u>)	<u>0.00</u>
TOTAL Transfers Out	0	1,117.80	1,117.80	0.00	(1,117.80)	0.00
TOTAL 2021 GO Bond	0	15,521.63	15,521.63	1,202,239.94	(1,217,761.57)	0.00
2022 GO Bond						
=====						
<u>Other Services</u>						
80-92-85400 Bank Charges	<u>0</u>	<u>100.87</u>	<u>100.87</u>	<u>0.00</u>	(<u>100.87</u>)	<u>0.00</u>
TOTAL Other Services	0	100.87	100.87	0.00	(100.87)	0.00
<u>Capital Projects</u>						
80-92-98750 Sanitary Sewer Projects	<u>0</u>	<u>5,572.18</u>	<u>5,572.18</u>	<u>489,239.94</u>	(<u>494,812.12</u>)	<u>0.00</u>
TOTAL Capital Projects	0	5,572.18	5,572.18	489,239.94	(494,812.12)	0.00
<u>Transfers Out</u>						
80-92-99450 Technology	0	0.00	0.00	183.75	(183.75)	0.00
80-92-99700 Fire Projects	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>594,470.00</u>	(<u>594,470.00</u>)	<u>0.00</u>
TOTAL Transfers Out	0	0.00	0.00	594,653.75	(594,653.75)	0.00
TOTAL 2022 GO Bond	0	5,673.05	5,673.05	1,083,893.69	(1,089,566.74)	0.00
TOTAL EXPENDITURES	0	52,150.17	52,150.17	3,127,694.73	(3,179,844.90)	0.00
REVENUE OVER/ (UNDER) EXPENDITURES	0	(49,044.16)	(49,044.16)	(3,127,694.73)	3,176,738.89	0.00

99 -Pooled Cash
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
<u>REVENUE SUMMARY</u>						

99 -Pooled Cash

% OF YEAR COMPLETED: 08.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% BUDGET REMAINING
REVENUES						

**City of Nichols Hills
2018 GO Bond Issue**

AS OF:

07/31/22

Account Number:

Issue Amount
Premium
Net Interest earned & Bank Fees

Prior Years:

Issuance Expense

2018-2019

2019-2020

2020-2021

2021-2022

2022-2023

7/31/2022

PROJECT COST TOTAL
TO DATE:

Available Funds - Prior to encumbrances

Due to Pre-Eng & Design

ENCUMBRANCES:

Wireless Master Plan

Monte PO #17-12080

Available Funds - After encumbrances

Street - Paving Projects	Water System	Sanitary Sewer Systems	Communications & Data Systems	Expenses Paid From Interest Earned	TOTAL
80-88-97550	80-88-98550	80-88-98750	80-88-99400	80-88-99800	
1,150,000.00	1,450,000.00	300,000.00	100,000.00		-
25,774.38	32,497.74	6,723.75	2,241.25		3,000,000.00
				109,007.40	67,237.11
					109,007.40
17,901.67	22,571.67	4,670.00	1,556.67		46,700.00
61,636.90	401,469.36	188,184.41	-	19,510.00	670,800.67
1,090,917.71	807,343.31	113,869.34	12,444.54	36,420.84	2,060,995.74
5,318.10	251,113.40	-	73,509.37	444.00	330,384.87
-	-	-	9,218.05	52,500.00	61,718.05
-	-	-	-	-	-
					-
1,175,774.38	1,482,497.74	306,723.75	96,728.63	108,874.84	3,170,599.33
(0.00)	(0.00)	-	5,512.62	132.56	5,645.18
			5,512.62		5,512.62
(0.00)	(0.00)	-	0.00	132.56	132.56

CASH	5,645.18
CD'S	-
EXPENSE ACCRUED	-
ENCUMBRANCES	(5,512.62)
	<u>132.56</u>

Interest Earnings:

Prior Fiscal Years	111,678.43
Current Fiscal Year	7.67

Bank Charges:

Prior Fiscal Years	(2,667.88)
Current Fiscal Year	(10.82)

FUNDS AVAILABLE

132.56

City of Nichols Hills
2019 GO Bond Issue

AS OF:

07/31/22

	Street - Paving Projects	Water System	Sanitary Sewer Systems	Traffic Control	Communications & Data Systems	Expenses Paid From Interest Earned	TOTAL
Account Number:	80-89-97550	80-89-98550	80-89-98750	80-89-98950	80-89-99450	80-89-99800	
Issue Amount	1,220,000.00	1,580,000.00	50,000.00	50,000.00	100,000.00		-
Premium	41,183.77	53,336.35	1,687.86	1,687.86	3,375.72		3,000,000.00
Net Interest earned & Bank Fees						89,029.43	101,271.56
							89,029.43
Prior Years:							
Issuance Expense	18,747.33	24,279.33	768.33	768.33	1,536.67		46,100.00
2018-2019	60,765.00	12,000.00	-	16,602.07	-	-	89,367.07
2019-2020	1,060,931.76	77,089.33	41,757.88	33,613.76	-	-	1,213,392.73
2020-2021	120,739.67	231,762.46	9,161.65	703.70	92,131.49	-	454,498.97
2021-2022	-	1,255,572.75	-	-	9,707.56	88,000.00	1,353,280.31
2022-2023	-	8,575.13	-	-	-	-	8,575.13
7/31/2022		8,575.13					8,575.13
PROJECT COST TOTAL TO DATE:	1,261,183.76	1,609,279.00	51,687.86	51,687.86	103,375.72	88,000.00	3,165,214.21
Interest - Prior to encumbrances	0.00	24,057.35	(0.00)	(0.00)	0.00	1,029.43	25,086.78
SRB PO# 17-11415		6,724.57					24,057.35
PO # 17-17293		17,332.78					
Funds - After encumbrances	0.00	0.00	(0.00)	(0.00)	0.00	1,029.43	1,029.43
CASH		33,661.91				Interest Earnings:	
CD'S		-				Prior Fiscal Years	92,141.15
EXPENSE ACCRUED		(8,575.13)				Current Fiscal Year	187.83
ENCUMBRANCES		(24,057.35)				Bank Charges:	
		1,029.43				Prior Fiscal Years	(3,258.95)
						Current Fiscal Year	(40.60)
						FUNDS AVAILABLE	1,029.43

AS OF: 07/31/22

Attachment: 2022 2023 GO Bonds Spreadsheet - July (5965 : 4 h Finance Director's Report)

City of Nichols Hills
2021 GO Bond Issue

AS OF: 07/31/22

	Street - Paving Projects	Water System	Sanitary Sewer Systems	Parks	Police	PW Facility	Expenses Paid From Interest Earned	TOTAL
Account Number:	80-91-97550	80-91-98550	80-91-98750	80-91-98950	80-91-99600	80-91-96550	80-91-99800	
Issue Amount	3,019,000.00	2,989,000.00	320,000.00	630,000.00	112,000.00	730,000.00		7,800,000.00
Premium	35,405.32	35,053.50	3,752.80	7,388.33	1,313.48	8,561.08		91,474.50
Net Interest Earned & Bank Fees							26,362.65	26,362.65
Prior Years:								
Issuance Expense	38,331.62	37,950.72	4,062.97	7,998.98	1,422.04	9,268.66		99,035.00
2020-2021	-	32,339.15	42,000.00	-	111,891.44	-	30.00	186,260.59
2021-2022	2,142,829.18	49,736.35	-	34,161.30	-	-	2,906.28	2,229,633.11
2022-2023	9,669.60	3,156.75	1,475.21	-	-	-	1,117.80	15,419.36
7/31/2022	9,669.60	3,156.75	1,475.21				1,117.80	15,419.36
PROJECT COST TOTAL TO DATE:	2,190,830.40	123,182.97	47,538.18	42,160.28	113,313.48	9,268.66	4,054.08	2,530,348.06
Funds - Prior to encumbrances	863,574.92	2,900,870.53	276,214.62	595,228.04	(0.00)	729,292.41	22,308.57	5,387,489.09
ES:								
y	SRB PO 17-15227	109,467.75						
est Dr.	SRB PO 17-18748	16,696.55	13,351.87					
	SRB PO 17-16584							
	SRB PO 17-16586	51,675.75						
rade	PO #17-18677	7,724.30						
	PO 17-17280	5,000.00						
ctors	PO #178174					729,292.41		
	PO #17-18452		262,862.75					
Funds - After encumbrances	795,202.62	2,778,678.48	(0.00)	595,228.04	(0.00)	0.00	22,308.57	4,191,417.71
CASH		891,266.77					Interest Earnings:	
CD'S		4,511,641.68					Prior Fiscal Years	27,434.48
EXPENSE ACCRUED		(15,419.36)					Current Fiscal Year	1,215.62
ENCUMBRANCES		(1,196,071.38)					Bank Charges:	
		4,191,417.71					Prior Fiscal Years	(2,185.18)
							Current Fiscal Year	(102.27)
							FUNDS AVAILABLE	4,191,417.71

**City of Nichols Hills
2022 GO Bond Issue**

AS OF:

07/31/22

Account Number:

Issue Amount 3,000,000.00
Premium 93,784.00
Net Interest Earned & Bank Fees

Prior Years:

Issuance Expense 38,770.45
2021-2022 -
2022-2023 -

7/31/2022

PROJECT COST
TOTAL TO DATE:

Available Funds - Prior to encumbrances

ENCUMBRANCES:

SC-2201 Sanitary Sewer PO# 17-17438
Tyler Technoloy Meter Reading PO# 17-17439
Upgrade
Sutphen - Fire Engine PO 17-17967
SC-2101 Jordan Contractors PO #17-18452

Available Funds - After encumbrances

Street - Paving Projects	Water System	Sanitary Sewer Systems	Fire	Police	Technology	Expenses Paid From Interest Earned	TOTAL
80-92-97550	80-92-98550	80-92-98750	80-92-99700	80-92-99600	80-92-99450	80-92-99800	
3,000,000.00	1,700,000.00	700,000.00	600,000.00	100,000.00	500,000.00		6,600,000.00
93,784.00	53,144.27	21,882.93	18,756.80	3,126.13	15,630.67		206,324.80
						2,866.25	2,866.25
38,770.45	21,969.92	9,046.44	7,754.09	1,292.35	6,461.74		85,295.00
-	-	43,173.13	-	1,394.95	105,682.31	-	150,250.39
-	-	5,572.18	-	-	-	-	5,572.18
		5,572.18					5,572.18
38,770.45	21,969.92	57,791.74	7,754.09	2,687.30	112,144.05	-	241,117.57
3,055,013.55	1,731,174.34	664,091.19	611,002.71	100,438.83	403,486.61	2,866.25	6,568,073.49
		26,254.69			183.75		1,083,893.69
		462,985.25	594,470.00				
3,055,013.55	1,731,174.34	174,851.25	16,532.71	100,438.83	403,302.86	2,866.25	5,484,179.80

CASH 836,559.16
CD'S 5,737,086.50
EXPENSE ACCRUED (5,572.18)
ENCUMBRANCES (1,083,893.69)
5,484,179.79

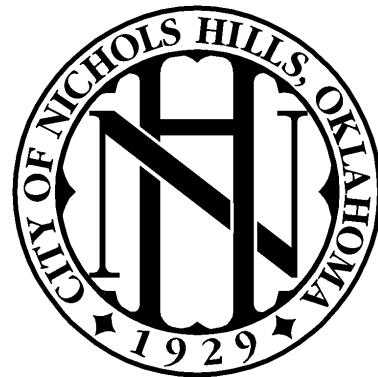
Interest Earnings:

Prior Fiscal Years 2,269.66
Current Fiscal Year 1,139.61

Bank Charges:

Prior Fiscal Years (442.15)
Current Fiscal Year (100.87)
FUNDS AVAILABLE 5,484,179.80

Monthly Report – July 2022



Information Systems

City of Nichols Hills

Attachment: Ism Monthly July 2022 (5964 : 4 i Information Systems Monthly Report)



Monthly Report – July 2022

To follow is a summary of activities in the Information Systems Department during the month.

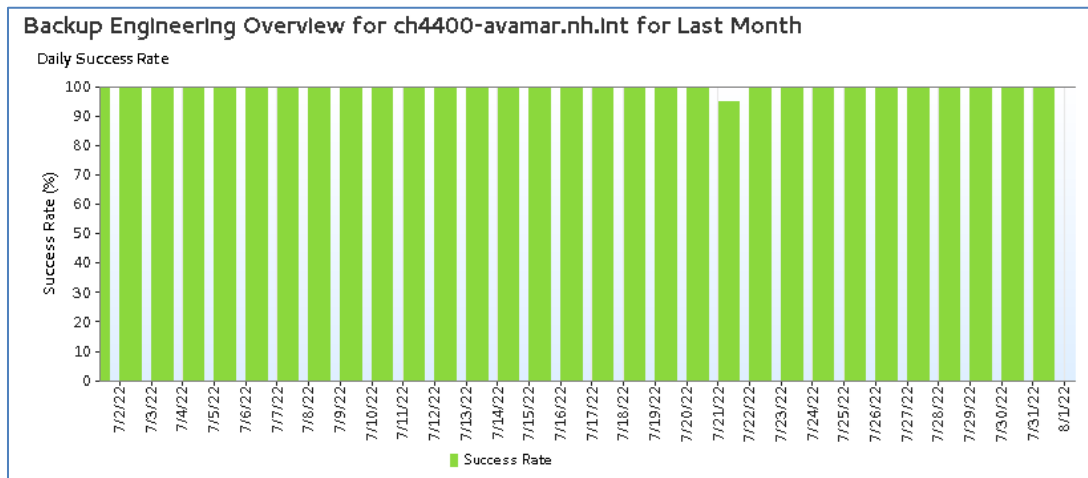
Website Statistics:

Google Analytics provided us with some informational statistics on our website. During the month, over 2,900 individuals browsed to the City's website. These individuals made more than 4,000 different visits to the site. Users averaged one minute and forty-one seconds during each visit. Over 57.5% of visitors browsed directly to the website, and 38.5% used some search engine to navigate to the site.

Backup System Reports:

The Data Backup Systems performed well at City Hall and Public Works this month. Backup systems generate reports each month showing the results of their backup procedures for the month:

City Hall



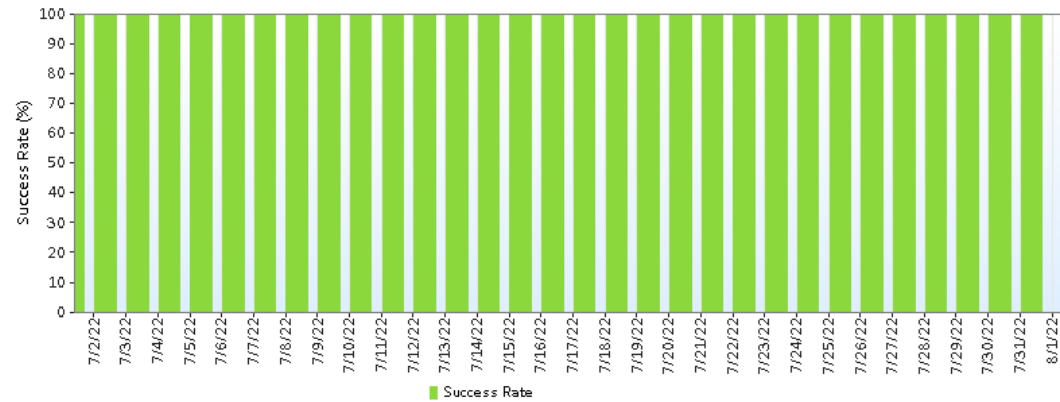
Public Works



Monthly Report – July 2022

Backup Engineering Overview for pw4400-avamar.nh.Int for Last Month

Daily Success Rate



Mail Category by Month

Mail Category by Month			
Month	Categories	Mail Filtering Events	% of Subtotal
Jul	Not Spam	19509	46.93%
	Spam	21946	52.79%
	Virus	114	0.27%
Subtotal (3)		41569	100.00%
Total		41569	100%

Virus by Month

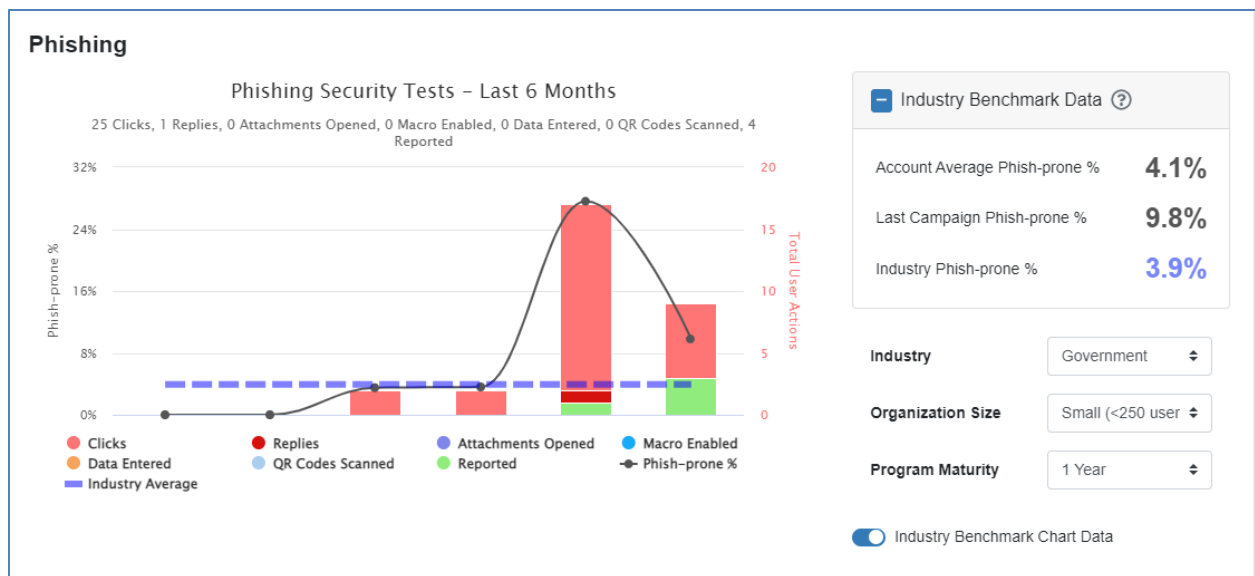
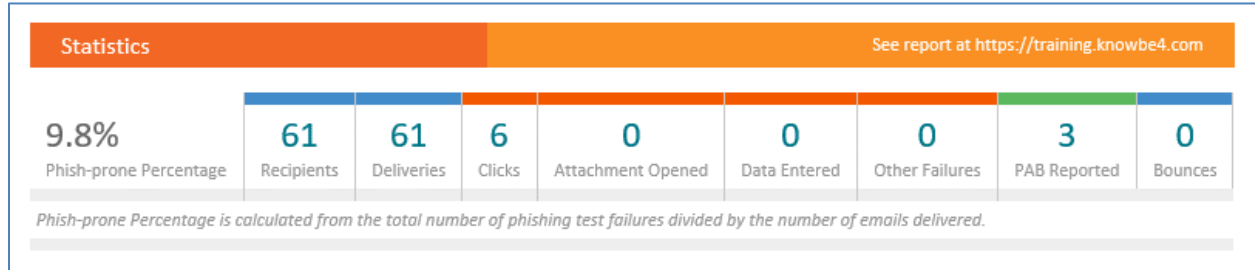
Virus by Month			
Month	Virus Name	Mail High Level Events	% of Subtotal
Jul	FortiSandbox: uri	36	31.58%
	FortiSandbox: uri, FortiSandbox: uri	68	59.65%
	FortiSandbox: Downloader	2	1.75%
	FortiSandbox: Unknown	1	0.88%
	HTML/Phishing.70A5!tr	2	1.75%
	NSIS/Injector.AOW!tr	1	0.88%
	RTF/CVE20178570.66D1!exploit	1	0.88%
	W32/Injector.EQPQ!tr	2	1.75%
	XF/CoinMiner.Z!tr	1	0.88%
Subtotal (9)		114	100.00%
Total		114	100%



Monthly Report – July 2022

Email Phishing Tests:

We conduct monthly employee email phishing tests. Each employee receives a different email, and no employees fell victim to our test emails. Although our numbers are still low, we will continue to educate employees about security.



General Department Activities:

1. Asked support partner for a quote on eight new data lines for security devices for the Police department.
2. Removed data connections from the temporary trailer for the Fire department.
3. Contacted support partner to have email addresses removed from notification lists for Public Works.
4. Installed a new update on the email server to fix an HTML issue where messages were not displaying correctly.
5. Removed an employee from all city services and physical access to the city buildings.
6. Added Public Works Director to the notification list for remote access connection systems.



Monthly Report – July 2022

7. Opened support ticket with a website support partner. A link on the city website was not pointing to the correct webpage.
8. Check for new firmware updates for each network switch on the city network.
9. Updated disaster recovery backups of all city's critical data.
10. Added more bad actors to the city's block lists.
11. Assisted the Assistant Police Chief with the codec package for certain video file types.
12. An issue with a DNS provider for the city's email services is not functioning correctly.
13. Opened a support ticket with a support partner to have a point-to-point device replaced at Public Works after it was damaged during a storm.
14. Meet with a support partner at Public Works to install a telephone device in the server room.
15. Edited retention policies for a backup device at City Hall.
16. Scheduled meetings for August on the city's broadcast system.
17. Configured new micro pc for the Fire department tracking software.
18. Configured a new budget spreadsheet for the Fire department.
19. Configured laptop for a Well operator to use for remote connections.
20. Troubleshoot issues with the fuel station software not updating fuel records.
21. Recorded and broadcast the City Council meeting and uploaded it to the On-Demand server.
22. Configured workstation, mobile devices, phone system, and software settings for two new Public Works employees.
23. Presented new employee orientation at Public Works.
24. Assisted EMSA with a connection problem on a terminal in Police Dispatch.
25. Troubleshoot issue with SmartUPS devices not charging batteries when plugged into power.
26. Assisted Well operator with email configuration on a cell phone.
27. Set up an Office account for a new employee at Public Works.
28. Assisted Public Works Supervisor with longer data cable for a workstation.
29. Configured new settings on the Fax-to-Email server.
30. Reset the voicemail password on two cell phones at Public Works.
31. Removed an employee from all city services and physical access to city buildings.
32. Configured a new access control card for a Police officer.
33. Called the telephone support partner to reconfigure the caller ID display name for the Public Works department.
34. Assisted Storm Water technician with his Microsoft software login.
35. Tested broadcast system before the meeting.
36. Recorded and broadcast Building Commission meeting and uploaded to the On-Demand server.
37. Added more bad actors to the city firewalls and block lists.
38. Configured training room camera to record training sessions for the Fire department.



Monthly Report – July 2022

39. Exported the Fire department training sessions to a network location for viewing.
40. Assisted Public Works employee with emails not being delivered to his email address.
41. Deployed all critical updates to all city workstations and servers.
42. Troubleshoot power issue on Fire department workstation. The workstation has a bad PSU. I contacted a support partner for a new part.
43. Removed none functioning subscriber email addresses from the website subscriber list.
44. Contacted support partner for a quote for ten new workstations.
45. Replaced bad power supply unit in workstation and shipped the bad one back to support partner.
46. Discussed new office licensing with IT Director.
47. Configured new access control card for Fireman.
48. Deployed new meeting software to all workstations.
49. Configured a new access control card for another Police officer.
50. Exported a pre-bid meeting at Public Works and saved it to a network location for viewing.
51. Configured and installed a new workstation for a Public Works Supervisor.
52. Configured a new access control card for the Fire Chief as the old one was not working correctly.
53. Canceled recording for EHS meeting on the city's broadcast system.
54. Installed fuel systems software on Police Chief's workstation so he could pull fuel consumption reports.
55. Re-synced time and date on fuel systems control console at Public Works.
56. Reset email password for Public Works Wells employee.
57. Reset network password for Public Works Supervisor.
58. Replaced toner cartridge in the basement laser printer.
59. Checked all security devices for firmware updates; all are up to date.
60. Activated new iPhone for Public Works employee and restored all backup data.
61. Attended OMAG conference at the Moore Norman Technology Center.
62. Troubleshoot an issue with the Risk Managers monitor.
63. Add more bad actors to the city's firewalls and block lists.
64. Worked with support partner on backup device storage consolidation.
65. Replaced a bad hard drive on a server at City Hall.
66. The Water alarm in the basement alerted Dispatch it was wet. I checked on the device and noticed some water had accidentally been spilled on it after a fire sprinkler technician ran tests.



July 30, 2022

Honorable Mayor and City Council
City of Nichols Hills
6407 Avondale Drive
Nichols Hills, Oklahoma 73116

RE: Monthly Engineer's Report

Dear Mayor and City Council:

Following is the Engineer's Report for the August 9, 2022 Council Meeting.

2019 G.O. Bond Issue:

- **Water Improvements – Waterline Relocation Along Kelley Avenue**

Contractor:	Cimarron Construction Co.	Original Contract Amount:	\$561,555.00
Start Date:	January 31, 2022	Amended Contract Amount:	\$-
Award Date:	December 14, 2021	Claims to Date Less Ret.:	\$451,459.00
Project Duration:	90 Calendar Days	Amount Remaining:	\$110,096.00
Days Used:	80	Percent Complete:	90%

2021 G.O. Bond Issue:

- **Public Works Improvements (FC-2101)**

Contractor:	W.L. McNatt	Original Contract Amount:	\$1,444,444.00
Start Date:	May 31, 2022	Amended Contract Amount:	\$-
Award Date:	April 12, 2022	Claims to Date Less Ret.:	\$-
Project Duration:	365 Calendar Days	Amount Remaining:	\$1,444,444.00
Days Used:	53	Percent Complete:	10%

- **Water Treatment Facility (WC-2101)**

Task Order Executed. Design underway.

2021/2022 G.O. Bond Issue:

- **Paving Improvements to the 1500 Block of Guilford Lane (PC-2103)**

Task Order Executed. Design underway.

- **Paving Improvements to the 6500 & 6800 Blocks of Avondale Drive (PC-2104)**

Bidding completed. On Agenda for award.

Attachment: 7-30-22 Engrpt (5963 : 4 j Engineers Report)

- **City Wide Sanitary Sewer Improvements (SC-2101/SC-2201)**

Contractor:	Jordan Contractors, Inc.	Original Contract Amount:	\$725,848.00
Start Date:	June 20, 2022	Amended Contract Amount:	\$-
Award Date:	May 10, 2022	Claims to Date Less Ret.:	\$0.00
Project Duration:	90 Calendar Days	Amount Remaining:	\$725,848.00
Days Used:	53	Percent Complete:	50%

- **Paving Improvements to the 7600 Block of Dorset Drive (PC-2105)**

Task Order Executed. Design underway.

Other Projects:

- **Love Family Park Improvements (FC-2102)**

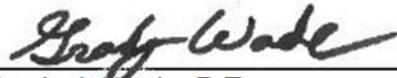
Contractor:	Rudy Construction Co.	Original Contract Amount:	\$961,700.00
Start Date:	March 9, 2022	Amended Contract Amount:	\$-
Award Date:	January 11, 2022	Claims to Date Less Ret.:	\$402,686.00
Project Duration:	300 Calendar Days	Amount Remaining:	\$559,014.00
Days Used:	90	Percent Complete:	35%

- **63rd Street Crosswalk (PC-2003)**

Contractor has Notice to Proceed dated September 26th, 2022, due to lead times on construction of signal poles.

Sincerely,

Smith Roberts Baldischwiler, LLC



Grady J. Wade, P.E.
City Engineer

GJW
Cc: File 116000

Attachment: 7-30-22 Engrpt (5963 : 4 J Engineers Report)

FUND: General Fund

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	OKLAHOMA UNIFORM BUILDING CO	00-32600	Uniform Building Cod	PERMIT FEES JULY 2022	228.00
	UNITED STATES TREASURY	00-31000	Warrants Outstanding	UNITED STATES TREASURY	454.20
				TOTAL:	682.20
Administration	TRAVIS VOICE & DATA	02-84700	Telephone	MAINTENANCE AGREEMENT	1,585.29
	VERIZON WIRELESS	02-84700	Telephone	MONTHLY CHARGES	202.67
	GRANICUS	02-84400	Software Agreements	AGENDA SOFTWARE	385.87
	VISA	02-84300	Training & Membershi	CONTINUING EDUCATION	389.00
		02-84300	Training & Membershi	OK CNTY BAR ASSOCIATION	70.00
		02-84300	Training & Membershi	TRAINING LUNCH	45.09
		02-84300	Training & Membershi	TRAINING LUNCH WITH FIRE	12.48
		02-84300	Training & Membershi	TRAINING LUNCH POLICE	50.54
	VISA	02-84300	Training & Membershi	APPRECIATION LUNCH	64.16
		02-83000	Material & Supplies	BIRTHDAY CELEBRATION	35.50
	VISA	02-84300	Training & Membershi	COPELAND - OAB PERMIT	200.00
	AT&T 831-001-0000 521	02-84700	Telephone	MONTHLY CHARGES	86.91
	TYLER TECHNOLOGIES INC	02-84400	Software Agreements	ANNUAL MAINTENANCE	14,939.70
	OMAG	02-80600	Worker's Comp	WORKER'S COMP	1,800.90
				TOTAL:	19,868.11
City Attorney	WILLIAMS BOX FORSHEE & BULLA	04-87100	Legal Services	LEGAL SERVICES	14,904.50
				TOTAL:	14,904.50
Municipal Court	TRAVIS VOICE & DATA	05-84700	Telephone	MAINTENANCE AGREEMENT	43.34
	AT&T 831-001-0000 521	05-84700	Telephone	MONTHLY CHARGES	86.91
	TYLER TECHNOLOGIES INC	05-84400	Software Agreement	ANNUAL MAINTENANCE	9,078.71
	OMAG	05-80600	Worker's Comp	WORKER'S COMP	600.30
				TOTAL:	9,809.26
Police Department	TRAVIS VOICE & DATA	06-84700	Telephone	MAINTENANCE AGREEMENT	486.73
	VALVOLINE OIL CHANGE	06-84100	Vehicle Maintenance	OIL CHANGES	48.58
		06-84100	Vehicle Maintenance	OIL CHANGES	48.58
		06-84100	Vehicle Maintenance	OIL CHANGES	69.19
		06-84100	Vehicle Maintenance	OIL CHANGES	48.58
		06-84100	Vehicle Maintenance	OIL CHANGES	71.08
	COPS PRODUCTS	06-81100	Uniform Allowance	TRUONG UNIFORMS	334.14
	OSBI	06-84000	Equipment Maintenanc	ODIS SUPPORT FEE	2,000.00
	VERIZON WIRELESS	06-84700	Telephone	MONTHLY CHARGES	346.97
	PRECISION DELTA CORP	06-84300	Training & Membershi	AMMO TRAINING/DUTY	1,097.02
	US FLEET TRACKING	06-84100	Vehicle Maintenance	GPS FOR PATROL UNIT	5,491.00
	VISA	06-83000	Material & Supplies	OFFICE SUPPLIES	149.82
		06-83000	Material & Supplies	OFFICE SUPPLIES	14.99
		06-83000	Material & Supplies	OFFICE SUPPLIES	14.44
		06-84200	Building Maintenance	FAUCET AERATORS	19.24
		06-83000	Material & Supplies	OFFICE SUPPLIES	172.96
		06-84100	Vehicle Maintenance	ORDER FEE FOR EV	250.00
	TRANSUNION RISK AND ALTERNAT	06-84000	Equipment Maintenanc	ACCESS TO DATABASE	100.00
	VISA	06-83000	Material & Supplies	PHOTOS FOR EMPLOYEE ID	70.00
		06-83000	Material & Supplies	shipping fees	35.25
	TWISTER TOWING SERVICE	06-84100	Vehicle Maintenance	UNIT 40 TOW	81.25
	CINTAS CORP. #064	06-81100	Uniform Allowance	PUBLIC WORKS UNIFORMS	55.68
	SHOCKLEY'S HEAT AND AIR	06-84200	Building Maintenance	AC REPAIR PD AND COURT	436.50
		06-84200	Building Maintenance	AC REPAIR PD AND COURT	99.00
	ASPEN BUILDING SERVICES OF O	06-85000	Janitorial Services	CLEANING SERVICES	1,262.50

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

FUND: General Fund

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
	AT&T 287288038708	06-84700	Telephone	FIRST NET POLICE	543.67
	TOTAL WIRELESS DATA INC	06-83000	Material & Supplies	ANTENNA	530.00
	AT&T 405 843-5672 126 1	06-84700	Telephone	MONTHLY CHARGES	348.70
	AT&T 831-001-0000 521	06-84700	Telephone	MONTHLY CHARGES	347.64
	CAVENDER FORD OF OKC	06-84100	Vehicle Maintenance	REPAIRS TO UNIT 40	990.92
		06-84100	Vehicle Maintenance	UNIT 42 CHECK	189.00
	ID SPECIALISTS INC	06-83000	Material & Supplies	RETIRED ID DUEHNING	32.00
	OFFICE DEPOT 35315277	06-83000	Material & Supplies	SUPPLIES	63.74
		06-83000	Material & Supplies	SUPPLIES	49.49
	OMAG	06-80600	Worker's Comp	WORKER'S COMP	14,407.18
	ONG	06-84800	Utilities	MONTHLY CHARGES	38.27
	OREILLY AUTOMOTIVE STORES IN	06-84100	Vehicle Maintenance	BATTERY, LIGHTS	148.59
		06-84100	Vehicle Maintenance	BATTERY, LIGHTS	17.65
		06-84100	Vehicle Maintenance	BATTERY UNIT 42	148.59
			TOTAL:		30,658.94
Fire Department	TRAVIS VOICE & DATA	07-84700	Telephone	MAINTENANCE AGREEMENT	307.23
	VALVOLINE OIL CHANGE	07-84100	Vehicle Maintenance	OIL CHANGE C-34	77.37
	WAL-MART #9502	07-83000	Material & Supplies	STATION SUPPLIES	218.08
		07-83000	Material & Supplies	STATION SUPPLIES	108.37
		07-83000	Material & Supplies	STATION SUPPLIES	450.56
		07-83000	Material & Supplies	LUNCH FOR RECRUIT	63.94
	WESTLAKE HARDWARE	07-84200	Building Maintenance	BUILDING MAINTENANCE	97.91
		07-83000	Material & Supplies	STATION SUPPLIES	12.78
		07-83000	Material & Supplies	STATION SUPPLIES	40.96
		07-83000	Material & Supplies	STATION SUPPLIES	27.98
		07-84200	Building Maintenance	AIR FILTERS	79.96
	EMSA	07-85200	EMSA Subsidy	JULY SUBSIDY 2022	2,506.68
	CENTRAL POWER EQUIPMENT INC	07-84000	Equipment Maintenanc	CHAINSAW CHAIN	68.00
	VERIZON WIRELESS	07-84700	Telephone	MONTHLY CHARGES	194.05
	HENRY SCHEIN INC	07-83000	Material & Supplies	RETURNED ITEMS	202.30
		07-83000	Material & Supplies	MEDICAL GLOVES	202.30
	VISA	07-84000	Equipment Maintenanc	TABLE TOP G	225.54
		07-84200	Building Maintenance	GLASS DOOR	22.90
		07-84200	Building Maintenance	BATHROOM FAUCETS	176.49
		07-84300	Training & Membershi	CLASS LUNCH	27.41
		07-83000	Material & Supplies	STATION SUPPLIES	49.95
	VISA	07-84500	Fire Department Publ	FIRE ENGINEERING SUBSCRIP	34.95
		07-83000	Material & Supplies	STATION SUPPLIES	39.46
		07-84300	Training & Membershi	EVOC REFRESH REGISTRATION	450.00
		07-83000	Material & Supplies	DUST MOP	39.99
		07-83000	Material & Supplies	SOAP AND DISPENSERS	147.65
		07-83000	Material & Supplies	TIRE INFLATOR	55.93
		07-84300	Training & Membershi	AEMT BOOK	445.12
		07-83000	Material & Supplies	WATER JUG HOLDER	37.99
		07-83000	Material & Supplies	STORAGE BINS	14.99
	FACTORY DIRECT FLAGPOLES & A	07-83000	Material & Supplies	HALYARD ROPE AND FLAG	193.00
	CITY CARBONIC LLC	07-84000	Equipment Maintenanc	HYDROSTATIC TEST	50.20
	ACROSS THE STREET PRODUCTION	07-84300	Training & Membershi	BLUE CARD RENEWAL	2,868.75
	ESO SOLUTIONS INC	07-86850	Software Maintenance	FD RECORDS SOFTWARE	7,157.28
	AT&T 287288038669	07-84700	Telephone	FIRST NET FIRE	180.30
	AT&T 405 843-5672 126 1	07-84700	Telephone	MONTHLY CHARGES	116.23
	AT&T 831-001-0000 521	07-84700	Telephone	MONTHLY CHARGES	173.83
	SITEBOX STORAGE	07-84200	Building Maintenance	STORAGE CONTAINER RENTAL	105.00

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

FUND: General Fund

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
	STRYKER SALES, LLC	07-84000	Equipment Maintenance	REPLACEMENT POUCH	69.70
	PEAK OILFIELD SERVICES LLC	07-84200	Building Maintenance	TRAILER RENTAL	750.00
		07-84200	Building Maintenance	TRAILER RENTAL	200.00
	ALPHA ONE FIRETRUCKS LLC	07-84100	Vehicle Maintenance	T-31 ELECTRICAL REPAIRS	235.00
	FIRE ENGINEERING - PENNWELL	07-84500	Fire Department Publ	FIRE ENGINEERING SUBSCRIP	34.95
		07-84500	Fire Department Publ	FIRE ENGINEERING - PENNWEL	34.95-
	INTEGRIS HEALTH	07-81200	Medical Exams	ANNUAL PHYSICAL	550.00
	SAINTS OCCUPATIONAL HEALTH	07-81200	Medical Exams	DRUG SCREENS	96.00
	OK FIRE CHIEF ASSOCIATION	07-84400	Membership	OFCA DUES	72.00
		07-84300	Training & Membershi	CHIEFS CONFERENCE	300.00
	OMAG	07-80600	Worker's Comp	WORKER'S COMP	8,404.19
	ONG	07-84800	Utilities	MONTHLY CHARGES	38.27
				TOTAL:	27,581.99
City Engineer	SMITH ROBERTS BALDISCHWILER	08-86075	Engineering Fees	63rd Crosswalk	1,089.35
		08-86075	Engineering Fees	GRAND PARK	5,235.00
		08-86075	Engineering Fees	GENERAL ENGINEERING	11,059.75
				TOTAL:	17,384.10
Street Department	MISC VENDOR TONY LOPREST	09-83000	Material & Supplies	TONY LOPRESTO:	750.00
	TRAVIS VOICE & DATA	09-84700	Telephone	MONTHLY CHARGES	22.28
	VERIZON WIRELESS	09-84700	Telephone	MONTHLY CHARGES	128.83
	NORTHERN SAFETY & INDUSTRIAL	09-83500	Safety Supplies	SAFETY SUPPLIES	129.36
		09-83500	Safety Supplies	SAFETY SUPPLIES	107.52
	US FLEET TRACKING	09-84100	Vehicle Maintenance	GPS	89.85
	VISA	09-83500	Safety Supplies	HI-VIS SAFETY WEAR	210.46
	BOB HOWARD CHRYSLER JEEP DOD	09-84100	Vehicle Maintenance	REPAIR UNIT #17	5,059.46
	CINTAS CORP. #064	09-81100	Uniform Allowance	PUBLIC WORKS UNIFORMS	337.86
	CRAFCO INC	09-83000	Material & Supplies	COLD PATCH	440.00
	CAPITAL ONE/NORTHERN TOOL &	09-83000	Material & Supplies	TARP	139.95
		09-83000	Material & Supplies	PNEUMATIC SET	125.97
	VISA	09-83000	Material & Supplies	CELL PHONE	139.97
	RITZ SAFETY LLC	09-83500	Safety Supplies	HARD HATS	200.00
	GELLCO CLOTHING & SHOES INC	09-83000	Material & Supplies	BOOTS	150.00
		09-83500	Safety Supplies	BOOTS	129.95
	ID SPECIALISTS INC	09-83000	Material & Supplies	NEW ID CARDS	100.00
	SAINTS OCCUPATIONAL HEALTH	09-81200	Medical Exams	DRUG SCREENS	186.00
	OG&E	09-85500	Street Lighting	MONTHLY CHARGES	7,027.86
		09-85500	Street Lighting	MONTHLY CHARGES	27.32
		09-85500	Street Lighting	MONTHLY CHARGES	27.85
		09-85500	Street Lighting	MONTHLY CHARGES	27.19
		09-85500	Street Lighting	MONTHLY CHARGES	26.79
		09-85500	Street Lighting	MONTHLY CHARGES	26.23
		09-85500	Street Lighting	MONTHLY CHARGES	26.36
		09-85500	Street Lighting	MONTHLY CHARGES	26.79
	OMAG	09-80600	Worker's Comp	WORKER'S COMP	1,200.60
	ONG	09-84800	Utilities	MONTHLY CHARGES	20.31
				TOTAL:	16,884.76
Sanitation	CITY OF MIDWEST CITY	10-85800	Landfill Disposal	HAZARDOUS WASTE	972.00
	BRITTON WELDING & AUTO	10-84000	Equipment Maintenance	WELDING DOLLY	35.00
	PERFECTION TRUCK PARTS & EQU	10-84100	Vehicle Maintenance	TRUCK LIGHTS	62.20
	VERIZON WIRELESS	10-84700	Telephone	MONTHLY CHARGES	141.96
	US FLEET TRACKING	10-84100	Vehicle Maintenance	GPS	119.80

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

FUND: General Fund

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
	GOODYEAR TIRE & RUBBER COMPA	10-84100	Vehicle Maintenance	SANITATION TIRE	382.45
		10-84100	Vehicle Maintenance	TIRES	348.96
		10-84100	Vehicle Maintenance	TIRES	1,062.00
		10-84100	Vehicle Maintenance	TIRES	1,511.36
	VISA	10-83500	Safety Supplies	HI-VIS SAFETY WEAR	210.47
	CINTAS CORP. #064	10-81100	Uniform Allowance	PUBLIC WORKS UNIFORMS	1,012.80
	JACK PRATT SIGNS	10-83700	Misc. Supplies		926.64
	RITZ SAFETY LLC	10-83500	Safety Supplies	HARD HATS	280.00
	GELLCO CLOTHING & SHOES INC	10-83500	Safety Supplies	BOOTS	107.95
	REPUBLIC SERVICES	10-85800	Landfill Disposal	COMMERCIAL GARBAGE	70.68
		10-85825	Commercial Garbage D	COMMERCIAL GARBAGE	9,741.24
	ID SPECIALISTS INC	10-83000	Material & Supplies	NEW ID CARDS	50.00
	SOUTHEAST LANDFILL - 4061	10-85800	Landfill Disposal	JULY 2022	4,718.92
	SAINTS OCCUPATIONAL HEALTH	10-81200	Medical Exams	DRUG SCREENS	246.00
	OMAG	10-80600	Worker's Comp	WORKER'S COMP	6,002.99
	ONG	10-84800	Utilities	MONTHLY CHARGES	20.31
				TOTAL:	28,023.73
Parks Department	WESTLAKE HARDWARE	11-85700	Parks Maintenance	LINE LEVEL	19.98
	DAVID STOOPS ELECTRIC	11-85700	Parks Maintenance	SHERWOOD PARK REPAIRS	97.00
	IRRIGATION STATION	11-85700	Parks Maintenance	SPRINKLER TIPS	18.84
	NORTHWEST LAWN MAINTENANCE I	11-85900	Park Maintenance Con	PARKS MAINTENANCE	16,382.50
		11-85700	Parks Maintenance	IRRIGATION MAINTENANCE	265.00
		11-85700	Parks Maintenance	IRRIGATION MAINTENANCE	1,342.50
				TOTAL:	18,125.82
Public Works Admin	TRAVIS VOICE & DATA	12-84700	Telephone	MAINTENANCE AGREEMENT	1,621.30
		12-84700	Telephone	MONTHLY CHARGES	59.39
	WESTLAKE HARDWARE	12-83000	Material & Supplies	SUPPLIES	12.98
		12-83000	Material & Supplies	SUPPLIES	28.96
	VERIZON WIRELESS	12-84700	Telephone	MONTHLY CHARGES	124.65
	DIGI SECURITY SYSTEMS, LLC	12-84200	Building Maintenance	SECURITY ANTENNA	586.26
	VISA	12-84300	Training & Membershi	BAD AXE THROWING	273.67
		12-83000	Material & Supplies	AMAZON	108.19
	VISA	12-83700	Misc. Supplies	FIRST AIDE	45.48
	TERMINIX PROCESSING CENTER	12-84200	Building Maintenance	PEST CONTROL	35.00
	ASPEN BUILDING SERVICES OF O	12-85000	Janitorial Services	CLEANING SERVICES	745.00
	VISA	12-84300	Training & Membershi	CANTU NOTARY RENEWAL	20.80
	VISA	12-84200	Building Maintenance	THERMOSTAT	400.50
		12-84100	Vehicle Maintenance	CAR WASH	10.00
	AT&T 831-001-0000 521	12-84700	Telephone	MONTHLY CHARGES	43.46
	TOTAL EQUIPMENT & RENTAL OF	12-84000	Equipment Maintenanc	FUEL FILTER	28.36
	ID SPECIALISTS INC	12-83000	Material & Supplies	NEW ID CARDS	43.79
	OMAG	12-80600	Worker's Comp	WORKER'S COMP	1,200.60
	ONG	12-84800	Utilities	MONTHLY CHARGES	20.30
				TOTAL:	5,408.69
General Government	MISC VENDOR CAROL TROY	13-87000	Misc. Expenses	CAROL TROY:	900.00
	ABM AUTOMATION	13-84000	Equipment Maintenanc	RENEWAL OF DOCUWARE	7,389.00
	RITE WAY SHREDDING	13-87000	Misc. Expenses	SHREDDING JULY 2022	62.00
	VISA	13-83000	Material & Supplies	AMAZON	43.70
		13-83000	Material & Supplies	AMAZON	123.71
		13-83000	Material & Supplies	AMAZON	177.40
		13-83000	Material & Supplies	AMAZON	342.75

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

FUND: General Fund

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
		13-83000	Material & Supplies	AMAZON	24.95
		13-83000	Material & Supplies	AMAZON	26.54
		13-83000	Material & Supplies	AMAZON	149.00
		13-83000	Material & Supplies	AMAZON	99.66
		13-83000	Material & Supplies	AMAZON	28.17
	TERMINIX PROCESSING CENTER	13-84200	Building Maintenance	PEST CONTROL	38.00
		13-84200	Building Maintenance	PEST CONTROL	228.00
	JENCO CONSTRUCTION	13-88100	Council Approval Cap	FIRE STATION & CITY HALL	181,991.97
	ACOG	13-86600	ACOG Dues	FY-23 DUES	3,221.00
	ASPEN BUILDING SERVICES OF O	13-85000	Janitorial Services	CLEANING SERVICES	1,362.50
	PINNACLE BUSINESS SYSTEMS IN	13-84000	Equipment Maintenanc	FORTICARE SERVICE/SUPPORT	1,070.01
		13-84000	Equipment Maintenanc	FORTINET SUPPORT	1,083.91
	SCHINDLER ELEVATOR CORPORATI	13-84200	Building Maintenance	ELEVATOR CONTRACT	1,831.67
		13-84200	Building Maintenance	INVOICE WAS VOIDED BY VEND	1,831.67-
		13-84200	Building Maintenance	ELEVATOR CONTRACT	1,769.99
	OCD SPECIALISTS LLC	13-84200	Building Maintenance	DISINFECTION	1,360.00
	AT&T 831-001-0000 521	13-84700	Telephone	MONTHLY CHARGES	43.46
	QUADIENT FINANCE USA INC	13-86900	Postage	POSTAGE	858.78
	CIVICPLUS LLC	13-87000	Misc. Expenses	MUNICODE PROOF FEE	4,000.00
	CRAWFORD & ASSOCIATES PC	13-86400	Auditing Fees	PROFESSIONAL SERVICES	81.88
		13-86400	Auditing Fees	PROFESSIONAL SERVICES	43.13
	EUREKA WATER CO	13-83000	Material & Supplies	TANK RENTAL	17.50
		13-83000	Material & Supplies	5 GAL WATER	129.60
		13-83000	Material & Supplies	5 GAL WATER	151.20
		13-83000	Material & Supplies	TANK RENTAL	4.99
	FRIDAY	13-86300	Publications	NOTICES AND PUBLICATIONS	43.90
		13-86300	Publications	NOTICES AND PUBLICATIONS	42.50
		13-86300	Publications	NOTICES AND PUBLICATIONS	43.90
		13-86300	Publications	NOTICES AND PUBLICATIONS	76.40
		13-86300	Publications	NOTICES AND PUBLICATIONS	142.65
		13-86300	Publications	NOTICES AND PUBLICATIONS	45.65
		13-86300	Publications	NOTICES AND PUBLICATIONS	14.80
		13-86300	Publications	NOTICES AND PUBLICATIONS	48.45
		13-86300	Publications	NOTICES AND PUBLICATIONS	49.35
		13-86300	Publications	NOTICES AND PUBLICATIONS	49.65
	INSTANT SIGNS INC	13-86300	Publications	3 OCE BOND SIGNS	163.50
	JOURNAL RECORD PUBLISHING CO	13-86300	Publications	NOTICES AND PUBLICATIONS	36.90
		13-86300	Publications	NOTICES AND PUBLICATIONS	36.90
		13-86300	Publications	NOTICES AND PUBLICATIONS	36.75
		13-86300	Publications	NOTICES AND PUBLICATIONS	100.95
		13-86300	Publications	NOTICES AND PUBLICATIONS	13.65
		13-86300	Publications	NOTICES AND PUBLICATIONS	101.70
		13-86300	Publications	NOTICES AND PUBLICATIONS	78.88
		13-86300	Publications	NOTICES AND PUBLICATIONS	101.55
		13-86300	Publications	NOTICES AND PUBLICATIONS	102.45
		13-86300	Publications	NOTICES AND PUBLICATIONS	102.75
	QUADIENT INC	13-84600	Lease/Rental	POSTAGE METER RENTAL	99.00
	OFFICE DEPOT 35315277	13-83000	Material & Supplies	OFFICE SUPPLIES	127.48
		13-83000	Material & Supplies	OFFICE SUPPLIES	16.49
	OMAG	13-86100	Liability Insurance/	BLANKET POSITION BOND	458.40
		13-86100	Liability Insurance/	CITY TRASURER BOND	927.50
		13-86100	Liability Insurance/	ASST FINANCE DIRECTOR BON	612.50
		13-86100	Liability Insurance/	CITY MANAGER BOND	612.50
		13-86100	Liability Insurance/	CITY CLERK BOND	612.50

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

FUND: General Fund

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
		13-86100	Liability Insurance/	GENERAL LIABILITY	18,730.25
		13-86100	Liability Insurance/	LOSSO F SALES TAX POLICY	14,500.00
		13-86100	Liability Insurance/	PROPERTY INSURANCE	16,012.25
		13-86100	Liability Insurance/	UMBRELLA LIABILITY	6,633.00
	ONG	13-84800	Utilities	MONTHLY CHARGES	38.28
				TOTAL:	267,636.18
Code Department	TRAVIS VOICE & DATA	14-84700	Telephone	MONTHLY CHARGES	44.55
	VERIZON WIRELESS	14-84700	Telephone	MONTHLY CHARGES	213.49
	US FLEET TRACKING	14-84100	Vehicle Maintenance	GPS	119.90
	CINTAS CORP. #064	14-81100	Uniform Rental	PUBLIC WORKS UNIFORMS	428.15
	VISA	14-83000	Material & Supplies	BUSINESS CARDS	24.61
		14-83000	Material & Supplies	APPROVED STICKERS	56.24
		14-83000	Material & Supplies	CHARGER	42.99
	AT&T 287307218639	14-84700	Telephone	FIRST NET PUBLIC WORKS	91.54
	GELLCO CLOTHING & SHOES INC	14-83500	Safety Supplies	BOOTS	149.95
	HIBDON TIRES PLUS	14-84100	Vehicle Maintenance	OIL CHANGE	71.19
		14-84100	Vehicle Maintenance	TIRES	231.88
	TYLER TECHNOLOGIES INC	14-84400	Software Agreement	ANNUAL MAINTENANCE	6,122.97
	OMAG	14-80600	Worker's Comp	WORKER'S COMP	2,401.20
	ONG	14-84800	Utilities	MONTHLY CHARGES	20.30
				TOTAL:	10,018.96
Risk Manager	TRAVIS VOICE & DATA	15-84700	Telephone	MAINTENANCE AGREEMENT	43.34
	WAL-MART #9502	15-84300	Training & Membershi	WALMART	16.15
	VERIZON WIRELESS	15-84700	Telephone	MONTHLY CHARGES	42.32
	VISA	15-84300	Training & Membershi	THE DONUT PALACE	25.62
		15-83000	Material & Supplies	MIRACOOOL BANDANA REFUND	31.44-
	AT&T 831-001-0000 521	15-84700	Telephone	MONTHLY CHARGES	43.46
	OMAG	15-80600	Worker's Comp	WORKER'S COMP	600.30
				TOTAL:	739.75
Information Systems Mg	TRAVIS VOICE & DATA	16-84700	Telephone	MAINTENANCE AGREEMENT	75.27
	COX COMMUNICATIONS	16-84600	Lease/Rental	INTERNET PUBLIC WORKS	257.94
		16-84600	Lease/Rental	CITY HALL INTERNET	509.99
	VERIZON WIRELESS	16-84700	Telephone	MONTHLY CHARGES	206.30
	TANGENT	16-84000	Equipment Maintenanc	DATA COVE LICENSE	3,025.00
	VISA	16-84000	Equipment Maintenanc	ADOBE	179.88
		16-84000	Equipment Maintenanc	BATERIERS	218.10
		16-84000	Equipment Maintenanc	KEYBOARD	76.04
		16-84000	Equipment Maintenanc	DOMAIN	5.00
		16-83000	Material Supplies	PRINTER TONER	259.98
		16-84000	Equipment Maintenanc	PRINTER TONER	125.00
		16-84000	Equipment Maintenanc	MONITORS NEW EMPLOYEE PW	313.98
		16-83000	Material Supplies	TONER	259.98
		16-84000	Equipment Maintenanc	TONER CARTIDGE	125.00
		16-84000	Equipment Maintenanc	MONITORS	313.98
		16-84000	Equipment Maintenanc	WIRELSS MOUSE	79.98
		16-83000	Material Supplies	FILTER	59.48
		16-84000	Equipment Maintenanc	ENTERED INVOICE 2 TIMES	313.98-
		16-83000	Material Supplies	ENTERED INVOICES 2 TIMES	259.98-
		16-84000	Equipment Maintenanc	ENTERED INVOICES 2 TIMES	125.00-
	GMIS INTERNATIONAL	16-84300	Training & Membershi	MEMBER FEE	100.00
	AT&T 831-001-0000 521	16-84700	Telephone	MONTHLY CHARGES	43.46

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

FUND: General Fund

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
	OMAG	16-80600	Worker's Comp	WORKER'S COMP	1,200.60
	PROJECT A INC	16-84600	Lease/Rental	WEB HOSTING	600.00
		16-84600	Lease/Rental	EDIT LABOR	71.25
				TOTAL:	7,407.25

FUND: Municipal Authority

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	MISC VENDOR	MHAWEJ, RACH 00-34150	Utility Refunds	01-00165-12	171.98
		OLGINE, MELI 00-34150	Utility Refunds	01-00171-18	215.76
		PARKER, LIND 00-34150	Utility Refunds	02-00439-18	205.46
		BARE, BILL 00-34150	Utility Refunds	02-00565-03	22.13
		PHAM, TRANG 00-34150	Utility Refunds	02-00696-17	169.87
		ROBERTSON, T 00-34150	Utility Refunds	02-00857-06	207.54
	TYLER TECHNOLOGIES INC	00-34500	Due to Tyler Tech (C	INSITE TRANSACTIONS FEES	1,021.25
				TOTAL:	2,013.99
Municipal Authority	TRAVIS VOICE & DATA	12-84700	Telephone	MONTHLY CHARGES	22.28
	WESTLAKE HARDWARE	12-83000	Materials & Supplies	FROG TAPE	112.93
		12-83000	Materials & Supplies	PAINT	113.94
		12-83000	Materials & Supplies	WATER SUPPLIES	45.68
	TPSI	12-84950	Printing & Processin	UTILITY LATE NOTICES	115.92
		12-84950	Printing & Processin	UTILITY INVOICES	1,165.17
	ACCURATE ENVIRONMENT	12-83400	Lab Chemicals	COLIFORM	112.00
	VERIZON WIRELESS	12-84700	Telephone	MONTHLY CHARGES	726.35
	US FLEET TRACKING	12-84100	Vehicle Maintenance	GPS	269.45
	VISA	12-83500	Safety Supplies	HI-VIS SAFETY WEAR	210.47
	VERMEER GREAT PLAINS, INC.	12-83000	Materials & Supplies	PIERCING TOOL	5,300.00
	CINTAS CORP. #064	12-81100	Uniform Rental	PUBLIC WORKS UNIFORMS	482.62
	CITY OF OKLAHOMA CITY	12-87700	OKC Sewer Charges	MONTHLY CHARGES	83,122.03
		12-87700	OKC Sewer Charges	MONTHLY CHARGES	70,370.35
		12-87700	OKC Sewer Charges	INCORRECT BILL	83,122.03-
	VISA	12-83000	Materials & Supplies	BUSINESS CARDS	24.62
		12-83000	Materials & Supplies	BUSINESS CARDS	24.62
		12-83000	Materials & Supplies	TRASH BAGS	27.98
		12-83000	Materials & Supplies	SUPPLIES	59.98
		12-83000	Materials & Supplies	WATER COOLERS	28.94
		12-83000	Materials & Supplies	CANOPY	59.98
		12-83000	Materials & Supplies	OFFICE SUPPLIES	54.99
		12-83200	Office Supplies	CHAIR	249.99
		12-83200	Office Supplies	DESK	459.99
		12-83000	Materials & Supplies	PUMP	379.99
		12-83000	Materials & Supplies	LONG REACH STEEL	239.99
		12-83000	Materials & Supplies	SUBSCRIPTION	14.99
		12-83000	Materials & Supplies	RETURNED ITEM	29.99-
	AT&T 287307218639	12-84700	Telephone	FIRST NET PUBLIC WORKS	1,124.12
	MADISON TURF FARMS LLC	12-83000	Materials & Supplies	SOD	19.00
	AT&T 287314479969	12-84700	Telephone	FIRST NET PUBLIC WORKS	43.30
	ULINE INC	12-83000	Materials & Supplies	45 GAL FLAMMABLE CAB	1,266.74
	CORY'S AV SERVICES INC	12-83000	Materials & Supplies	SOUND SYSTEM	850.00
	CRAWFORD & ASSOCIATES PC	12-86400	Auditing Fees	PROFESSIONAL SERVICES	81.87
		12-86400	Auditing Fees	PROFESSIONAL SERVICES	43.12
	DAVID STOOPS ELECTRIC	12-84500	Well Maintenance	WELL PLUG	160.63
	GRAYBAR ELECTRIC INC	12-83000	Materials & Supplies	FUSE	35.75
	HIBDON TIRES PLUS	12-84100	Vehicle Maintenance	OIL CHANGE	62.78
	HOME DEPOT	12-83000	Materials & Supplies	STAKES	78.27
		12-83000	Materials & Supplies	STAKES	33.83
		12-83000	Materials & Supplies	DRILL KIT	399.00
		12-84500	Well Maintenance	WEED BLOCK	58.40
	ID SPECIALISTS INC	12-83000	Materials & Supplies	NEW ID CARDS	65.07
	TYLER TECHNOLOGIES INC	12-84400	Software Agreements	ANNUAL MAINTENANCE	10,218.87
	MICRO COMM INC	12-84650	Lease Agreements	ANNUAL MAINT CONTRACT	13,250.00

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

FUND: Municipal Authority

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
	MIDSTATE TRAFFIC CONTROL	12-83000	Materials & Supplies	BARRICADES	200.00
	OFFICE DEPOT 35315277	12-83200	Office Supplies	OFFICE SUPPLIES	68.45
		12-83200	Office Supplies	OFFICE SUPPLIES	67.58
	OG&E	12-84800	Utilities	MONTHLY CHARGES	2,771.57
		12-84800	Utilities	MONTHLY CHARGES	2,903.47
		12-84800	Utilities	MONTHLY CHARGES	15,057.85
		12-84800	Utilities	MONTHLY CHARGES	3,472.91
		12-84800	Utilities	MONTHLY CHARGES	1,937.48
	OK CONTRACTORS SUPPLY	12-83000	Materials & Supplies	2"X1"X1" COUPLING	146.00
	OMAG	12-80600	Workers Comp	WORKER'S COMP	4,802.39
	ONG	12-84800	Utilities	MONTHLY CHARGES	99.48
		12-84800	Utilities	MONTHLY CHARGES	111.57
		12-84800	Utilities	MONTHLY CHARGES	112.79
		12-84800	Utilities	MONTHLY CHARGES	37.49
		12-84800	Utilities	MONTHLY CHARGES	20.30
	OREILLY AUTOMOTIVE STORES IN	12-83000	Materials & Supplies	OIL/GREASE/GILER	180.33
		12-84500	Well Maintenance	WELL SUPPLIES	45.97
			TOTAL:		140,469.61

FUND: General Fund - CIP

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
Fire Department	VISA	07-88200	Capital Imp-Furnitur	FLOOR MATS	192.05
	VISA	07-88200	Capital Imp-Furnitur	EMS SHELVING	366.23
		07-88200	Capital Imp-Furnitur	SURROUND SOUND MOUNT	29.59
		07-88200	Capital Imp-Furnitur	STORAGE SHELVING	199.98
		07-88200	Capital Imp-Furnitur	PARCEL DROP BOX	300.20
		07-88200	Capital Imp-Furnitur	ORDER CANCELED	366.23-
			TOTAL:		721.82
Parks Department	IRRIGATION STATION	11-88500	Capital Imp-Equipmen	IRRIGATION EQUIPMENT	3,103.90
				TOTAL:	3,103.90

FUND: Designated Funds-Par

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
Parks Department	BURGESS ENGINEERING & TESTIN	11-88000	Capital Outlay	TESTING LOVE PARK	154.00
	HOWARD-FAIRBAIRN SITE DESIGN	11-83900	Other Services & Cha	LOVE FAMILY PARK DESIGN	16,275.00
	RUDY CONSTRUCTION CO.	11-88000	Capital Outlay	FC-2102 LOVE PARK	228,185.25
				TOTAL:	244,614.25

FUND: General Obligation B

5.a.a

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
2019 GO Bond	SMITH ROBERTS BALDISCHWILER	89-98550	Water Projects	WC-1901 WATER LINE RELOCA	8,575.13
				TOTAL:	8,575.13
2020 GO Bond	SMITH ROBERTS BALDISCHWILER	90-97550	Paving (Streets)	PC-2104	17,833.05
		90-96550	Public Works Facilit	PW Facility Phase III	3,150.00
		90-98750	Sanitary Sewer Syste	SC-2101	1,293.67
				TOTAL:	22,276.72
2021 GO Bond	SMITH ROBERTS BALDISCHWILER	91-97550	Paving (Streets)	PC-2103	9,669.60
		91-98750	Sanitary Sewer Syste	SC-2101	1,475.21
		91-98550	Water Projects	WC-2101 Water Treatment	3,156.75
		91-99800	Other Expense paid f	GO BOND MISC ADMIN	1,117.80
				TOTAL:	15,419.36
2022 GO Bond	SMITH ROBERTS BALDISCHWILER	92-98750	Sanitary Sewer Proje	SC-2201 SANITARY SEWER	5,572.18
				TOTAL:	5,572.18

Approved 7/12/22

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===== FUND TOTALS =====
01 General Fund          475,134.24 - 141,863.56 = 333,270.68
06 Municipal Authority    142,483.60 - 28,271.26 = 114,212.34
07 General Fund - CIP      3,825.72
20 Designated Funds-Parks 244,614.25
80 General Obligation Bonds 51,843.39
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GRAND TOTAL:             917,901.20
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(170,134.82)
747,766.38

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TOTAL PAGES: 12

Attachment: Claims List July 2022 (5961 : 5 Total Warrants & Claims)

SELECTION CRITERIA

5.a.a

SELECTION OPTIONS

VENDOR SET: 01-City of Nichols Hills
VENDOR: Exclude: 01-1012, 01-1090, 01-1095, 01-1130, 01-1398, 01-1433, 01-1845, 01-1958, 01-1968, 01-2006
CLASSIFICATION: All
BANK CODE: Exclude: PY
ITEM DATE: 7/01/2022 THRU 7/31/2022
ITEM AMOUNT: 99,999,999.00CR THRU 99,999,999.00
GL POST DATE: 0/00/0000 THRU 99/99/9999
CHECK DATE: 0/00/0000 THRU 99/99/9999

PAYROLL SELECTION

PAYROLL EXPENSES: NO
EXPENSE TYPE: N/A
CHECK DATE: 0/00/0000 THRU 99/99/9999

PRINT OPTIONS

PRINT DATE: None
SEQUENCE: By Department
DESCRIPTION: Distribution
GL ACCTS: YES
REPORT TITLE: C L A I M S L I S T
SIGNATURE LINES: 0

PACKET OPTIONS

INCLUDE REFUNDS: YES
INCLUDE OPEN ITEM:NO



Invoice

Date	Invoice #
7/26/2022	8254A

HFSD, Inc.
P.O. Box 20501
Oklahoma City, OK. 73156

Bill To
City of Nichols Hills 6407 Avondale Dr. Nichols Hills, OK. 73116 Attn: Shane Pate, City Manager

P.O. No.	Terms	Project
	Due on recpt	

Description	Est Amt	Prior Amt	Prior %	Qty	Rate	Total %	Amount
Landscape Architectural services for the Love Family Park, in the 6600 Block of NW Grand Boulevard East, Nichols Hills, OK.							
Construction Documents Phase	102500.00	102500.00	100.00%	0	102500.00	100.00%	0.00
Bid Phase services	3,000.00	3,000.00	100.00%	0	3,000.00	100.00%	0.00
Construction Administration Phase	46500.00			0.35	46,500.00	35.00%	16275.00

Love Family Park	Subtotal	\$16,275.00
	Sales Tax (0.00)	\$0.00
	Total	\$16,275.00
	Payments/Credits	\$0.00
	Balance Due	\$16,275.00

Attachment: Inv_8254A_from_HFSD_Inc_327185_10812 (5975 : 6 Invoice No. 8254A Howard Fairbairn)



Honorable Mayor and City Council
City of Nichols Hills
6407 Avondale Drive
Nichols Hills, OK. 73116

July 29, 2022

RE: Change Order No. 1
Nichols Hills Project No. FC-2102
Love Family Park
Contractor: Rudy Construction Co.
Original Contract Amount: \$ 961,700.00
Change Order No. 1: \$ 20,415.00
Current Contract Amount: \$ 982,115.00

Dear Mayor and City Council:

Enclosed please find Change Order No. 1 on the above referenced project in the amount of \$ 20,415.00. The Change Order increases the contract amount to \$ 982,115.00

We have verified the quantities and recommend approval. Please place this item on the next available council docket for consideration.

Should you have any questions or comments, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'S.H. Howard', written in a cursive, stylized script.

Scott Howard, ASLA
Principal

Attachment

CHANGE ORDER NO. 1
Nichols Hills - Love Family Park
FC-2102
July 29, 2022

I. SCOPE

- a. Grade to fill in two low lying areas adjacent to proposed trail to provide positive drainage, and sod disturbed areas relating to this work.
- b. Limb/prune up trees over new trail areas.
- c. Add 4" PVC bore across Bedford Drive.
- d. Remove (1) severely diseased tree with hollow trunk

II. JUSTIFICATION

- a. The low lying areas was not discernable enough to be identified on the topographical survey. To prevent ponding immediately adjacent to the new trail, the area needs to have topsoil brought in and regrade the surface to allow water to drain to the existing channel. All regraded surface areas will be sodded.
- b. The limbing/pruning up of trees along the new trail will provide clearances for trail users.
- c. The Public Works Director asked that Rudy Construction provide a cost to bore across Bedford Drive so that Public Works can extend an irrigation line south of the project area. This will allow them to water specific park areas that currently have no access to water.
- d. The City Manager noticed a tree (near the new trail) that had a severely hollowed out trunk (due to age and/or disease). There were concerns due to the proximity of the tree's location to the trail, that this might become a safety issue for trail users. I inspected the tree, and agreed with the City Manager's assessment, that the tree should be removed.

III. COST

- a. \$ 12,600.00
- b. \$ 2,750.00
- c. \$ 2,565.00
- d. \$ 2,500.00

TOTAL CHANGE ORDER NO.1	\$ 20,415.00	0.021 % Increase
ORIGINAL CONTRACT AMOUNT	<u>\$ 961,700.00</u>	
REVISED CONTRACT AMOUNT	\$ 982,115.00	

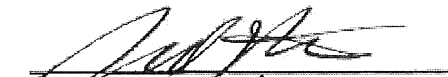
CHANGE ORDER NO. 1
Nichols Hills - Love Family Park
FC-2102
July 29, 2022

All construction shall be done in accordance with all applicable state and local codes and the plans and specifications.

The above and foregoing is hereby approved this 2nd day of August, 2022

ATTEST

Rudy Construction Co.
3101 NE 63rd St.
Oklahoma City, OK. 73121


Secretary Witness



The prices shown for Change Order No. 1 were established by negotiation and are considered fair and reasonable. Approval is recommended by the Landscape Architect.

HFSD, Inc.


Principal, HFSD, Inc.

Approved as to form and legally this 3rd day of August, 2022.

City Attorney

Approved by the City of Nichols Hills this ____ day of _____, 20____.

ATTEST:

City Clerk

Mayor



July 30, 2022

Honorable Mayor and City Council
City of Nichols Hills
6407 Avondale Drive
Nichols Hills, OK 73116

RE: PAY ESTIMATE NO. 3
Nichols Hills Project No. FC-2102
Love Family Park Improvements
Contractor: Rudy Construction Co.
Original Contract Amount: \$961,700.00
Current Contract Amount: \$961,700.00
Claims to Date Less Ret.: \$402,686.00
Paid to Date: \$174,500.75
Amount Remaining: \$787,199.25
Current Amount Due: \$228,185.25

Dear Mayor and City Council:

Enclosed please find **Progressive Estimate No. 3** on the above referenced project in the amount of **\$228,185.25**. We have verified the quantities and recommend approval. Please place this item on the next available council docket for payment consideration. This estimate should be paid out of the following account:

GL Acct. #20-11-88000\$228,185.25

Should you have any questions or comments, please contact me.

Sincerely,

Smith Roberts Baldischwiler, LLC


Grady J. Wade, P.E.
Nichols Hills City Engineer

cc: File #116000 (Task 2102)
Enclosure

PROGRESSIVE ESTIMATE NO. 3

Love Family Park Improvements

Rudy Construction Company
3101 N.E. 63rd Street
Oklahoma City, OK 73121

From: 6/10/2022
Notice to Proceed: 3/9/2022
Project Duration: 300 Calendar Days
Days Used: 90
Days Remaining: 210

6.c.a

FC-2102

ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY	WORK DONE THIS EST.	WORK DONE PREVIOUS	TOTAL WORK ON CONTRACT	UNIT PRICE	AMOUNT	% COMPLET
1	ART PLAZA W/ STONE BEAM WALLS + STEPS	LS	1.00	0.16	0.00	0.16	86,000.00	\$13,760.00	1
2	BENCH SEATING	LS	1.00	0.00	0.00	0.00	18,900.00	\$0.00	1
3	ELECTRICAL WORK	LS	1.00	0.08	0.29	0.37	56,000.00	\$20,720.00	1
4	IRRIGATION	LS	1.00	0.45	0.35	0.80	164,000.00	\$131,200.00	1
5	LANDSCAPING	LS	1.00	0.00	0.00	0.00	84,000.00	\$0.00	1
6	STONE WALLS AT BENCH LOCATIONS	LS	1.00	0.20	0.00	0.20	40,000.00	\$8,000.00	1
7	PARK SIGN (WITH LIGHTING)	LS	1.00	0.00	0.00	0.00	22,000.00	\$0.00	1
8	8' TRAIL (INTEGRALLY COLORED CONCRETE - CHARCOAL)	LS	1.00	0.40	0.15	0.55	232,000.00	\$127,600.00	1
9	WATER FEATURE	LS	1.00	0.20	0.20	0.40	120,000.00	\$48,000.00	1
10	SAFETY RAILING	LS	1.00	0.00	0.00	0.00	33,000.00	\$0.00	1
11	REPLACE WOOD BOARDS @ EXISTING PED BRIDGE	LS	1.00	1.00	0.00	1.00	5,800.00	\$5,800.00	1
12	STONE ACCENT COLUMNS	LS	1.00	0.00	0.00	0.00	7,500.00	\$0.00	1
13	TREE PRUNING & UNDERBRUSH CLEARING WORK	LS	1.00	0.13	0.87	1.00	15,500.00	\$13,500.00	1
14	BERMING	LS	1.00	0.20	0.50	0.70	79,000.00	\$55,300.00	1

ORIGINAL CONTRACT AMOUNT: \$961,700.00

CHANGES TO DATE:
Amendment No. 1
Change Order No. 1

\$0.00
\$0.00

CURRENT CONTRACT AMOUNT: \$961,700.00

TOTAL AMOUNT OF WORK TO DATE: \$423,880.00
MATERIAL ON HAND: \$0.00
TOTAL TO DATE: \$423,880.00
LESS 5% RETAINAGE: \$21,194.00
DIFFERENCE: \$402,686.00
SUBTOTAL: \$402,686.00
LESS PREVIOUS PAYMENTS: \$174,500.75

CONTRACT AMOUNT DUE THIS ESTIMATE: \$228,185.25

AFFIDAVIT OF CLAIMANT:

STATE OF OKLAHOMA, COUNTY OF OKLAHOMA:

I, Grady J. Wade, of lawful age, being first duly sworn, says that (s)he is the agent authorized by claimant/contractor to submit the attached claim or contract to the CITY OF NICHOLS HILLS, Oklahoma, and that claimant/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the CITY OF NICHOLS HILLS, any money or other thing of value, either directly or indirectly, in the procuring of the contract under which the attached claim for payment is submitted/attached.

Grady J. Wade
Rudy Construction Company
Project Manager

Subscribed and sworn to before me 22nd July, 2022

S. Erickson
Notary Public, Clerk or Judge

My Commission Expires: 01/25/2025



CERTIFICATE OF ENGINEER:

I certify that this estimate of \$228,185.25 on this contract is correct, due and payable under the terms of this contract.

SMITH ROBERTS BALDISCHWILER, LLC

BY: Grady J. Wade
Grady J. Wade, P.E.

OFFICER'S APPROVAL:

I hereby certify the articles listed hereon have been received or services performed and this claim is APPROVED for payment for \$

this _____ day of _____, 20____.

CITY OF NICHOLS HILLS

Attachment: Pay Claim 03 (executed) (5960 : 6 Pay Est No. 3 FC-2102 Rudy Construction)

JENCO CONSTRUCTION COMPANY

General Contractor

TRANSMITTAL
LETTER

121 NE 26th Street, Oklahoma City, OK 73105

Office: (405) 525-6045

FAX: (405) 525-6203

e-mail: nick@jencoconstruction.com

RE: Nichols Hills Fire Station Addition & Renovation
6407 Avondale Drive
Nichols Hills, OK 73116

DATE: July 20, 2022JCC Job # 91121

TO: FSB
5801 BROADWAY EXTENSION, STE. 500
OKLAHOMA CITY, OK 73118

ATTN: Cory Hughes
Jason Robison
Robin Gardner

WE TRANSMIT:

☒ Herewith Emailed☐ In accordance with your request _____

FOR YOUR:

☒ Approval☐ Distribution☐ Information☐ Review & Comment☐ Record☐ Correction☐ Use☐ _____

THE FOLLOWING:

☐ Drawings☐ Shop Drawing Prints☐ Samples☐ Specifications☐ Shop Drawing Reproductions☐ Product Literature☐ Change Order☒ Pay Application

MARKED:

☐ Approved☐ Approved As Noted☐ Disapproved

QTY	DATE	REV. NO.	DESCRIPTION	ACTION
1	07/20/22		Jenco Pay Application No. 11 - Nichols Hills Fire Station Add. & Renov.	
				ACTION CODE B. No Action Required C. Correct and Resubmit

REMARKS:

Copy to:

Attachment: pay app 11-signed (5959 : 6 Pay Estimate No. 11 Jenco Construction Fire Station)

Application For Payment

Page 1 of 3

To:
CITY OF NICHOLS HILLS
6407 AVONDALE DR
NICHOLS HILLS, OK 73116

Project:
Nichols Hills Fire Station Addition & Renovation
6407 Avondale Drive
Nichols Hills, OK 73116

From Contractor:
Jenco Construction
121 NE 26th St
Oklahoma City, OK 73105

Via Architect:
FSB
5801 BROADWAY EXTENSION, STE. 500
OKLAHOMA CITY, OK 73118-7436

Contract For:

Application Date	Period To	Contract Date
07/20/2022	07/20/2022	07/13/2021
Application Number	Invoice Number	Project Number
11	Draw-011	FSB2020-218-0
Distribution	☒ Owner ☒ Architect ☐ Contractor	☐

Contractor's Application for Payment

Application is made for payment, as shown below, with attached Continuation Sheet(s).

- Original Contract Amount: \$ 3,070,600.00
- Net of Change Orders: \$ 150,159.29
- Net Amount of Contract: \$ 3,220,759.29
- Total Completed & Stored to Date: \$ 2,726,591.52
- Retainage Summary:
 - 5.00 % of Completed Work: \$ 136,329.58
 - 0.00 % of Stored Material: \$ 0.00

Total Retainage: \$ 136,329.58
- Total Completed Less Retainage: \$ 2,590,261.94
- Less Previous Applications: \$ 2,408,269.97
- Current Payment Due, This Application: \$ 181,991.97
- Contract Balance (Including Retainage): \$ 630,497.35

Change Order Activity	Additions	Deductions
Total previously approved:	150,159.29	0.00
Total approved this Month:	0.00	0.00
Sub-totals:	150,159.29	0.00
Net of Change Orders:	150,159.29	

Contractor's Certification

The Contractor's signature here certifies that, to the best of their knowledge, this document accurately reflects the work completed in this Application for Payment. The Contractor also certifies that the Current Payment is Due.

(Authorized Signature) [Signature] Date: 7/20/2022
Jenco Construction

State of: Oklahoma

County of: Oklahoma

Subscribed and sworn to before
me this 20th day of July, 2022

Notary Public: Sarah Short

My Commission expires: 8/27/2024 #08008917



Architect's Certification

The Architect's signature here certifies that, based on their own observations, the Contract Documents and the information contained herein, this document accurately reflects the work completed in this Application for Payment. The Architect also certifies the Contractor is entitled to the amount certified for payment.

Amount Certified: \$ 181,991.97

[Signature] Date: 7-27-22
(Architect's Signature)

Application for Payment - Continuation Sheet

Page 2 of 3

From: Jenco Construction
121 NE 26th St
Oklahoma City, OK 73105

To: CITY OF NICHOLS HILLS
6407 AVONDALE DR
NICHOLS HILLS, OK 73116

Project: (91121) Nichols Hills Fire Station Addition & Renovation Application Number: 11
Application Date: 07/20/22
Period To: 07/20/22
Contract Date: 07/13/21
Project Number: FSB2020-218-0

A Item No.	B Description of Work	C Contract Value	D Work Completed		E Materials Presently Stored (Not in D or E)	F Total Completed and Stored To Date (D+E+F)	G % (G / C)	H Balance To Finish (C - G)	I Retainage (If Variable Rate)
			From Previous Application	This Period					
1	Bonds & Insurance	33 600.00	33 600.00	0.00	0.00	33 600.00	100.00%	0.00	1 680.00
2	General Conditions	199 000.00	179 100.00	9 950.00	0.00	189 050.00	95.00%	9 950.00	9 452.50
3	Mobilization	30 000.00	30 000.00	0.00	0.00	30 000.00	100.00%	0.00	1 500.00
4	Dirtwork	35 000.00	30 000.00	0.00	0.00	30 000.00	85.71%	5 000.00	1 500.00
5	Concrete - Building	130 000.00	130 000.00	0.00	0.00	130 000.00	100.00%	0.00	6 500.00
6	Demolition	40 000.00	40 000.00	0.00	0.00	40 000.00	100.00%	0.00	2 000.00
7	Masonry	290 000.00	275 500.00	14 500.00	0.00	290 000.00	100.00%	0.00	14 500.00
8	Structural Steel Material	190 000.00	190 000.00	0.00	0.00	190 000.00	100.00%	0.00	9 500.00
9	Structual Steel Labor	50 000.00	50 000.00	0.00	0.00	50 000.00	100.00%	0.00	2 500.00
10	Carpentry (Material & Labor)	25 000.00	18 750.00	2 500.00	0.00	21 250.00	85.00%	3 750.00	1 062.50
11	Roofing	145 000.00	137 750.00	0.00	0.00	137 750.00	95.00%	7 250.00	6 887.50
12	Dormers, Soffits, EIFS	45 000.00	36 000.00	0.00	0.00	36 000.00	80.00%	9 000.00	1 800.00
13	Doors & Frames	28 000.00	28 000.00	0.00	0.00	28 000.00	100.00%	0.00	1 400.00
14	Overhead Doors	15 000.00	15 000.00	0.00	0.00	15 000.00	100.00%	0.00	750.00
15	Hardware	65 000.00	65 000.00	0.00	0.00	65 000.00	100.00%	0.00	3 250.00
16	Glazing	215 000.00	39 000.00	0.00	0.00	39 000.00	18.14%	176 000.00	1 950.00
17	Framing/Trusses/Gyp/Ceilings	270 000.00	249 500.00	12 000.00	0.00	261 500.00	96.85%	8 500.00	13 075.00
18	Tiling	30 000.00	25 500.00	0.00	0.00	25 500.00	85.00%	4 500.00	1 275.00
19	Reslient Flooring	50 000.00	40 000.00	0.00	0.00	40 000.00	80.00%	10 000.00	2 000.00
20	Painting	55 000.00	30 000.00	5 000.00	0.00	35 000.00	63.64%	20 000.00	1 750.00
21	Signage	35 000.00	0.00	0.00	0.00	0.00	0.00%	35 000.00	0.00
22	Folding Partitions	30 000.00	9 000.00	0.00	0.00	9 000.00	30.00%	21 000.00	450.00
23	Awnings & Shades	40 000.00	14 000.00	0.00	0.00	14 000.00	35.00%	26 000.00	700.00
24	Fire Suppression	40 000.00	34 000.00	3 000.00	0.00	37 000.00	92.50%	3 000.00	1 850.00
25	Plumbing	156 000.00	129 200.00	19 000.00	0.00	148 200.00	95.00%	7 800.00	7 410.00
26	HVAC	171 000.00	119 500.00	20 000.00	0.00	139 500.00	81.58%	31 500.00	6 975.00
27	Electrical	350 000.00	322 000.00	0.00	0.00	322 000.00	92.00%	28 000.00	16 100.00
28	Concrete Sitework	90 000.00	72 000.00	0.00	0.00	72 000.00	80.00%	18 000.00	3 600.00
29	Fencing & Gates	150 000.00	120 000.00	0.00	0.00	120 000.00	80.00%	30 000.00	6 000.00
30	Pergolas	68 000.00	0.00	60 000.00	0.00	60 000.00	88.24%	8 000.00	3 000.00
	Contract Total	3,070,600.00	2,462,400.00	145,950.00	0.00	2,608,350.00	85%	462,250.00	130,417.50
1	Change Order No. 1	78 276.27	62 621.02	0.00	0.00	62 621.02	80.00%	15 655.25	3 131.05
2	Change Order No. 2	14 857.39	10 000.00	0.00	0.00	10 000.00	67.31%	4 857.39	500.00
3	Change Order No. 3	57 025.63	0.00	45 620.50	0.00	45 620.50	80.00%	11 405.13	2 281.03

Attachment: pay app 11-signed (5959 : 6 Pay Estimate No. 11 Jenco Construction Fire Station)

Application for Payment - Continuation Sheet

Page 3 of 3

From: Jenco Construction
121 NE 26th St
Oklahoma City, OK 73105

To: CITY OF NICHOLS HILLS
6407 AVONDALE DR
NICHOLS HILLS, OK 73116

Project: (91121) Nichols Hills Fire Station Addition & Renovation Application Number: 11
Application Date: 07/20/22
Period To: 07/20/22
Contract Date: 07/13/21
Project Number: FSB2020-218-0

A Item No.	B Description of Work	C Contract Value	D Work Completed		F Materials Presently Stored (Not in D or E)	G		H Balance To Finish (C - G)	I Retainage (If Variable Rate)
			From Previous Application	This Period		Total Com- pleted and Stored To Date (D+E+F)	% (G / C)		
	Change Orders Total	150,159.29	72,621.02	45,620.50	0.00	118,241.52	79%	31,917.77	5,912.08
	Grand Total	3,220,759.29	2,535,021.02	191,570.50	0.00	2,726,591.52	85%	494,167.77	136,329.58

RESOLUTION

(No. 1465)

A RESOLUTION AUTHORIZING THE DISPOSAL AND DESTRUCTION OF CERTAIN ORIGINAL RECORDS AND PAPERS OF RECORDS PRIOR TO THE RETENTION PERIOD FOR SUCH RECORDS ESTABLISHED IN THE REVISED RECORDS RETENTION MANUAL, 2015; AND DIRECTING THE CITY MANAGER TO TAKE ALL ACTIONS NECESSARY TO PROVIDE FOR THE DISPOSAL AND DESTRUCTION OF SUCH RECORDS.

WHEREAS, 11 O.S. § 22-131(A) prescribes retention periods for the destruction, sale or disposition of certain enumerated municipal records; and

WHEREAS, 11 O.S. § 22-131(B) provides that time limits for the disposition of records, papers and documents which are not mentioned in 11 O.S. § 22-131(A) “may be determined and set by ordinance or resolution of the municipal governing body;” and

WHEREAS, on September 8, 2015 the Council of the City of Nichols Hills, Oklahoma adopted a Resolution which: (a) established the Revised Records Retention Manual, 2015, for the City of Nichols Hills, Oklahoma (“Records Retention Manual”); and (b) in accordance with 11 O.S. § 22-132(C), declared that whenever photostatic copies, photographs, microphotographs, reproductions on films or optical disks of the records described in the Records Retention Manual shall be placed in conveniently accessible files and provisions made for preserving, examining and using same, the City Manager may certify those facts to the City Council; and, following such certification, the City Council may, by resolution, authorize the disposal, archival storage or destruction of the original records and papers before the expiration of the retention period established in the Records Retention Manual; and

WHEREAS, the City Manager has made certification in the attached Exhibit A that photostatic copies, photographs, reproductions on films or optical disks of the records described in Exhibit A have been placed in conveniently accessible files and provisions have been made for preserving, examining and using the same; and

WHEREAS, the Council of the City of Nichols Hills, Oklahoma deems it to be in the best interests of the City of Nichols Hills, Oklahoma to make available additional storage space in the offices of the City by authorizing the disposal and destruction of the original records and papers of the records identified in Exhibit A of this Resolution;

NOW, THEREFORE, BE IT RESOLVED, that in accordance with 11 O.S. § 22-132(C), the Council of the City of Nichols Hills, Oklahoma hereby authorizes the disposal and destruction of the original records and papers of records identified in the attached Exhibit A prior to the retention periods for such records established in the Revised Retention Manual, 2015, and directs the City Manager to take all actions necessary to provide for the disposal and destruction of such records.

ADOPTED AND APPROVED by the Council and **SIGNED** by the Mayor of the City of Nichols Hills, Oklahoma, this 9th day of August, 2022.

Mayor

(SEAL)
ATTEST:

City Clerk

Approved as to form:

City Attorney

Attachment: 7 NH-Records Destruction Reso-9 2 15-2 1 (5973 : 7 Disposal & Destruction of original documents)

Exhibit A

CERTIFICATION

I, S. Shane Pate II, City Manager for the City of Nichols Hills, Oklahoma, hereby certify that photostatic copies, photographs, reproductions on films or optical disks of the following records have been placed in conveniently accessible files and provisions have been made for preserving, examining and using the same:

Record Classification:**Record Dates:****Agendas**

City Council	July 12, 2022
Nichols Hills Municipal Authority	July 12, 2022
Building Commission	July 19, 2022
Board of Adjustment	July 20, 2022
Environmental, Health, and Sustainability Commission	July 27, 2022
City Council	July 28, 2022
Planning Commission	August 2, 2022

Agreements and Contracts

Smith Roberts Baldischwiller, LLC Engineering Services Agreement	July 12, 2022
TLS Group, Inc. Contract assignment	July 12, 2022
Republic Services – Solid Waste Disposal Agreement	June 14, 2022
CloudDeck Media LLC – Drone Services	July 12, 2022

Bank Statements and Reconciliations

Global Payments	June 30, 2022
Bank of Oklahoma	June 30, 2022
Bank of Oklahoma	July 31, 2022
Pooled Cash	July 31, 2022
Flex Claims	July 31, 2022
Municipal Court	July 31, 2022
Sinking Fund	July 31, 2022
2018 GO Bond	July 31, 2022
2019 GO Bond	July 31, 2022
2020 GO Bond	July 31, 2022
2021 GO Bond	July 31, 2022
2022 GO Bond	July 31, 2022
Utility Deposit	July 31, 2022

Certificates of Deposit, T-Bills and Withdrawals

MidFirst Bank CD - General – CIP \$425,000	June 16, 2022
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Citations

Court Citations	May 4, 2022
Court Citations	May 18, 2022
Court Warnings	May 2022
Court Citations	2006-2008

Collateral – Letters of Credit – Certificates of Deposit

Irrevocable Letter of Credit – MidFirst Bank	July 31, 2022
Investment Portfolio Pledged Securities – BancFirst	July 31, 2022

General Obligation Bonds

WC-1901 Pay Estimate #2 – Cimmaron Construction Co.	July 12, 2022
Jenco Construction Pay App #10	July 12, 2022
PC-2104 Specifications, Proposal and Notice to Bidders	July 12, 2022
2022 GO Bond Tax-Exempt Bond Form IRS	July 18, 2022
2021 Refunding GO Bond Tax-Exempt Bond Form IRS	July 18, 2022
PC-2003 Notice to Proceed	July 18, 2022
Task Order PC-2105 7600 Blk of Dorset Drive	July 14, 2022
Task Order Misc GO Bond expenses	July 25, 2022
PC-2104 Addendum No. 1 to Bidding Documentation	July 28, 2022

Minutes

City Council	June 14, 2022
Nichols Hills Municipal Authority	June 14, 2022
Building Commission	June 21, 2022
Planning Commission	April 5, 2022

Miscellaneous

Subpoena – Case CJ-2019-6463	March 29, 2022
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Ordinances

Ordinance 1214 OKC Sewer Rates	July 12, 2022
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Payroll Records

Nationwide – Investment Option Summary 04/01/22 to 06/30/22	June 30, 2022
American Funds – Group Investment Confirm List	July 5, 2022 – July 19, 2022
Nationwide – Investment Activity – Unaudited	June 30, 2022
Nationwide – Investment Option Summary	June 30, 2022

Permits

BC-2022-11 Certificate of Approval	June 21, 2022
BC-2022-09 Certificate of Approval	June 21, 2022
BC-2021-24 Certificate of Approval	June 21, 2022

Proofs of Publication/Public Hearing Notices

Notice of Public Hearing City of Oklahoma City PC-10814	June 7, 2022
BC-2022-13 Notice of Public Hearing	July 6, 2022

BC-2022-14 Notice of Public Hearing	July 6, 2022
BC-2022-15 Notice of Public Hearing	July 6, 2022
Journal Record – Notice of Public Hearing – Amending Chapter 50 of City Code – No-Build Vertical Envelope	July 8, 2022
Journal Record – Notice of Public Hearing – BC-2022-13	July 8, 2022
Journal Record – Notice of Public Hearing – BC-2022-14	July 8, 2022
Journal Record – Notice of Public Hearing – BC-2022-15	July 8, 2022
Public Hearing Notice – PC-10814 Oklahoma City	June 7, 2022
Journal Record – Public Notice – Indebtedness Notice	July 15, 2022
Journal Record – Ordinance 1214 – Sewer Rates	July 15, 2022
PC-2022-03 Notice of Public Hearing	July 19, 2022
PC-2022-04 Notice of Public Hearing	July 19, 2022
PC-2022-05 Notice of Public Hearing	July 19, 2022
OKC Friday – Notice of Public Hearing – Amending Chapter 50 of City Code – No-Build Vertical Envelope	July 15, 2022
OKC Friday – Notice of Public Hearing – BC-2022-13	July 15, 2022
OKC Friday – Notice of Public Hearing – BC-2022-14	July 15, 2022
OKC Friday – Notice of Public Hearing – BC-2022-15	July 15, 2022
OKC Friday – Public Notice – Indebtedness Notice	July 22, 2022
OKC Friday – Notice to Bidders – PC-2104	July 22, 2022
OKC Friday – Ordinance 1214 – Sewer Rates	July 22, 2022
Journal Record – Notice of Public Hearing – PC-2022-03	July 22, 2022
Journal Record – Notice of Public Hearing – PC-2022-04	July 22, 2022
Journal Record – Notice of Public Hearing – PC-2022-05	July 22, 2022
Journal Record – Notice to Bidders – PC-2104	July 22, 2022
OKC Friday – Notice of Public Hearing – PC-2022-03	July 29, 2022
OKC Friday – Notice of Public Hearing – PC-2022-04	July 29, 2022
OKC Friday – Notice of Public Hearing – PC-2022-05	July 29, 2022

Public Hearing

Building Commission Notice BC-2022-16	August 2, 2022
Building Commission Notice BC-2022-17	August 2, 2022
Building Commission Notice BC-2022-18	August 2, 2022
Building Commission Notice BC-2022-19	August 2, 2022

Records Request

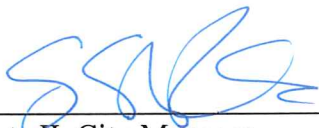
Teague & Wetsel, PLLC – Permits for 1505 & 1507 W Wilshire Boulevard	July 19, 2022
--	---------------

Resolutions

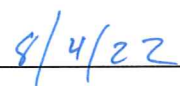
Resolution 1464 – Renew Tyler Technologies Agreement	July 12, 2022
Resolution 1463 – Disposal and Destruction of Records	July 12, 2022
Resolution 1462 – 9-1-1 Weighted Amendment	July 12, 2022
Resolution 1461 – 2023 ACOG Fee	July 12, 2022
Resolution 1460 – State Contract Purchasing	July 12, 2022

Terminated Employee Personnel Files

Kelvin Green	June 20, 2022
Tania Dominguez	July 15, 2022
Shelby Sampleton	July 28, 2022
Larry Duehning	July 31, 2022



S. Shane Pate II, City Manager



Date

RESOLUTION NO. 1467

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NICHOLS HILLS, OKLAHOMA (THE “CITY”) DECLARING AN EMERGENCY TO EXIST IN THE CITY; RATIFYING AND APPROVING THE CITY MANAGER’S JULY 11, 2022 DECLARATION OF AN EMERGENCY (“CITY MANAGER’S DECLARATION”) RELATED TO UNFORESEEN POWER FAILURES IN THE CITY’S WATER WELLS NUMBERS 15, 16, 5, AND 18 (“CITY’S WATER WELLS”); RATIFYING AND APPROVING THE PUBLIC WORKS DIRECTOR OBTAINING ESTIMATES AND THE CITY MANAGER MAKING EMERGENCY PURCHASES PURSUANT TO THE CITY MANAGER’S DECLARATION; AND AUTHORIZING AND DIRECTING THE CITY MANAGER TO TAKE ALL ADDITIONAL STEPS NECESSARY TO ENSURE THE CITY’S WATER WELLS ARE RESTORED TO OPERATION.

WHEREAS, the City’s Water Wells experienced disruption in electrical service, causing electrical shorts to their electrical components, resulting in failure of such wells and requiring that the pumps and motors for each of such wells be replaced; and

WHEREAS, restoration of the City’s Water Wells is critical to meet the water demands of the City during the highest consumer demand months of the year; and

WHEREAS, on July 11, 2022 and pursuant to authority vested in the City Manager by Section 18-26(b) of the Nichols Hills City Code, the City Manager declared an emergency to exist in the City resulting from such failure of the City’s Water Wells until such time as the City Council could meet and make a determination as to whether a state of emergency exists, and in connection with such declaration, issued the orders enumerated in the City Manager’s Declaration, a copy of which is attached as Exhibit A; and

WHEREAS, it is necessary for the preservation of the peace, health, welfare, and safety to the City, and of the inhabitants thereof, that the City be allowed to take all actions stated in the City Manager’s Declaration;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Nichols Hills, Oklahoma that, in accordance with Title 63 of the Oklahoma Statutes, Section 683.11(F) thereof, and Section 18-26(b) of the Nichols Hills City Code, an emergency be declared to exist for a term of thirty days from the date of this declaration (“Emergency Term”); and

BE IT FURTHER RESOLVED that the City Manager's Declaration and the purchases made and contracts entered pursuant thereto are hereby ratified and approved; and

BE IT FURTHER RESOLVED that for the duration of the Emergency Term, the City Manager is hereby authorized and directed to make any additional necessary emergency purchases and take any additional steps related to the failure of the City's Water Wells to ensure that such wells are restored to operation.

PASSED by the Council of the City of Nichols Hills, Oklahoma, on the 9th day of August, 2022.

APPROVED by the Mayor of the City of Nichols Hills, Oklahoma, on the 9th day of August, 2022.

ATTEST:

City Clerk

Mayor

Reviewed as to Form and Legality:

City Attorney

Exhibit A



CITY OF NICHOLS HILLS

July 11, 2022

Re: Declaration of Emergency Pursuant to Section 18-26(b) of the Nichols Hills City Code

I, S. Shane Pate II, City Manager for the City of Nichols Hills, Oklahoma, pursuant to the authority vested in me under Section 18-26(b) of the Nichols Hills City Code and applicable state law, do hereby declare an emergency in the City resulting from unforeseen power failures in the City's Water Well Numbers 15, 16, 5, and 18. These wells are believed to have experienced disruptions in electrical service, causing electrical shorts to the wells' electric components, resulting in the failure of the wells. Time is of the essence to restore these wells to operation to meet the water consumption demands of our City during the highest consumer demand months of the year.

In order to address this emergency, I hereby order the following: 1) Public Works Director Randell Lawrence is authorized and ordered to receive estimates from Preferred Pump and Total Pump and Supply for replacement parts required to restore these wells to operation, and also to order and receive an estimate from Frontier Logging Corporation to repair these wells; 2) the Office of City Manager shall make such emergency purchases as are necessary to restore the ~~street~~ described herein to proper working condition, which purchases may include entering contracts with Preferred Pump or Total Pump and Supply for the same. Frontier Logging already has an annual maintenance contract in effect with the City.

This declaration of emergency shall remain in effect until the City Council meets to make a determination that a state of emergency exists by resolution.



S. Shane Pate II
City Manager

wells
SP.
7/19/22

Exhibit A



CITY OF NICHOLS HILLS

July 11, 2022

Re: Declaration of Emergency Pursuant to Section 18-26(b) of the Nichols Hills City Code

I, S. Shane Pate II, City Manager for the City of Nichols Hills, Oklahoma, pursuant to the authority vested in me under Section 18-26(b) of the Nichols Hills City Code and applicable state law, do hereby declare an emergency in the City resulting from unforeseen power failures in the City's Water Well Numbers 15, 16, 5, and 18. These wells are believed to have experienced disruptions in electrical service, causing electrical shorts to the wells' electric components, resulting in the failure of the wells. Time is of the essence to restore these wells to operation to meet the water consumption demands of our City during the highest consumer demand months of the year.

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This declaration of emergency shall remain in effect until the City Council meets to make a determination that a state of emergency exists by resolution.



S. Shane Pate II
City Manager

wells
SP.
7/19/22

Attachment: CM Emergency Declaration-Wells-7.11.22 (5976 : Emergency Declaration Resolution)

INTEROFFICE MEMORANDUM

TO: SHANE PATE, CITY MANAGER
FROM: RANDY LAWRENCE
SUBJECT: EMERGENCY WATER WELL REPAIR
DATE: 7/11/2022

We had four water wells go down and need to be pulled to replace pumps and motors to bring them back online.

For the health, safety, and welfare of the residents of Nichols Hills, we ask that you declare this an emergency and that you approve us to order the pump supplies from Total Pump. We also ask your approval to call Frontier Logging to pull and replace pumping equipment.

Public Works Department

TOTAL PUMP and SUPPLY
 2800 SOUTH HIGH
 OKLAHOMA CITY OK 73129
 405/670-0333

CUST ID NICHOLS
 CUST PO QUOTE/RANDY
 ORIG SPN BOB
 ORIG DATE 07/07/22

07/11/22 12:05 DELIVERY TICKET # 214307 TERR PAGE 1

-- SOLD TO --

-- SHIP TO --

CITY OF NICHOLS HILLS
 6407 AVONDALE DR
 NICHOLS HILLS OK 73116
 409-1197

ORDER	FILL	LINE	PART	NUMBER	PKG	WGT	QOH	PRICE	EXT	ORD
-------	------	------	------	--------	-----	-----	-----	-------	-----	-----

ORDER QTYS ARE RESERVED

REPLACES PICK LIST # 214275

1	(	)	BERK	6HIT2-40-4	1	.00		3158.00	3158.00	
				40HP 460V HITACHI 6"MTR.						
1	(	)		40HP 230GPM 12STAGE				2532.00	2532.00	
1	(	)	BERK	6HIT2-50-4	1	.00		3808.00	3808.00	
				50HP 460V 6" HITACHI MTR						
1	(	)		50HP 230GPM 14STAGE				2822.00	2822.00	
1000	(	)	SERV	23HDWGRD 2/3HD JKT W/GRD	1	.00		7.79	7790.00	
4	(	)	ELEC	CSKEH104442	1	.00		10.25	41.00	
				2/4 SPLICE KIT						
4	(	)	SIMM	4061	1	.00		39.00	156.00	
				4" SIMMONS BREAKOFF PLUG						
				RANDY LAWRENCE PH#(405)395-7902						
				rlawrence@nicholshills.net						
1	(	)	WOLF	30HP460V3PHMTR	1	.00		2519.00	2519.00	
				30HP 460V 3PH SME MOTOR						
1	(	)		30HP 150GPM 15STAGE				2114.00	2114.00	

REC'D BY _____

WGT .00

SUB-TOTAL	24940.00
SALES TAX	.00
TOTAL ORDERED	24940.00



PREFERRED PUMP
100% EMPLOYEE-OWNED

Order Acknowledgement - Quote Order

Quote Date	Quote #
07/08/22	22040262-00

Bill To CITY OF NICHOLS HILL
1009 NORTHWEST 75TH STREET
Cust # OKLAHOMA CITY, OK 73116-7005
2263015

Branch PPE - Oklahoma City, OK
6 S. Vermont
OKLAHOMA CITY, OK 73107-6524
Phone: (405)948-4003
Fax: 405-948-3318

Ship To CITY OF NICHOLS HILL
1009 NORTHWEST 75TH STREET
OKLAHOMA CITY, OK 73116-7005

Instructions	Reference	Sisrep Out
		MEK
Terms	Ship Via	Quoted By
net 30 days	Delivery	GDW
		Quoted To

Ln #	Product And Description	List Price	Quantity	Qty UM	Unit Price	Extension
1	6H40463 6 Motor 40HP 460V 3PH Hitachi 2P/3600 100-0403426		1	EA	3060.00	3060.00
2	6H50463 6 Motor 50HP 460V 3PH Hitachi 2P/3600 100-0503426		1	EA	4050.00	4050.00
4	GF230S400-12 6 inch 40HP 230GPM 12 Stage Pump End 15B70012 Grundfos		1	EA	4655.23	4655.23
5	SIM4061 Break Off Plugsimmons		4	EA	41.00	164.00
6	NS-#2/3 FLAT JACKET CABL #2/3 1000 FEET		1000	each	8.473	8473.98
7	GF300S500-13 6 inch 50HP 300GPM 13 Stage Pump End 14B60013 Grundfos		1	EA	4709.08	4709.08
8	GF150S300-15 6 inch 30HP 150GPM 15 Stage Pump End 13B60015 Grundfos		1	EA	3786.47	3786.47
9	ES-SP#2C-HD4 Wire Splice Kit #2 Awg 4-Pak Hd Clear		2	EA	13.55	27.10
10	6H30463 6 Motor 30HP 460V 3PH Hitachi 2P/3600 100-0303426D		1	EA	2545.71	2545.71
9	Lines Total		Qty Shipped Total	1012	Total Quote Total	31471.57 31471.57

Print Time: 07/11/22 09:18*

Customer Copy

Page 1 of 1

Customer Acceptance of Quote

Signature: _____

Date: _____

PO#: _____

Quote is valid only for 30 days from the above Quote Date, unless otherwise specified.

Attachment: CM Emergency Declaration-Wells-7.11.22 (5976 : Emergency Declaration Resolution)



Borehole Geophysics

FRANCIS L. WEEDON
PRESIDENT
7221 NW 3 RD
OKLAHOMA CITY, OK. 73127

Telephone 405-787-3952 Fax 405-787-3977

E-mail borholog@sbcglobal.net

www.frontierlogging.com

July 8, 2022

Mr. Randy Lawrence
City of Nichols Hills
1009 NW 75th Street
Nichols Hills, OK. 73116

The proposed work pricing for the repair of Nichols Hills Water Well #15 , #16 , #5 and #18 as in the yearly maintenance contract.

2022-2023 Maintenance Agreement

Line No.

Well #15		
#1	Mob – Demob	\$ 3,080.00
#3	Pull Pumping System	\$ 4,350.00
#22	Re-install Pumping System	\$ 4,750.00
#23	Disinfection	\$ 780.00
Well #5		
#1	Mob – Demob	\$ 3,080.00
#3	Pull Pumping System	\$ 4,350.00
#22	Re-install Pumping System	\$ 4,750.00
#23	Disinfection	\$ 780.00
Well #16		
#1	Mob – Demob	\$ 3,080.00
#3	Pull Pumping System	\$ 4,350.00
#22	Re-install Pumping System	\$ 4,750.00
#23	Disinfection	\$ 780.00
Well #18		
#1	Mob – Demob	\$ 3,080.00
#3	Pull Pumping System	\$ 4,350.00
#6	Casing Inspection Video	\$ 1,875.00
#22	Re-install Pumping System	\$ 4,750.00
#23	Disinfection	\$ 780.00

Total for four wells \$ 53,715.00

Thanks
Johnny Just
Frontier Logging Corp.



CITY OF NICHOLS HILLS

Neil A. Gray
Information Systems Manager

TO: Shane Pate, City Manager
FROM: Neil Gray
SUBJECT: Ceiling Insulation – Computer Room and Basement Offices
2022-2023 CIP Funds
DATE: July 15, 2022

I am requesting permission to purchase replacement ceiling insulation for several basement offices. The project's primary focus will be the Computer Room and Police Dispatch areas, but if the price comes in low enough, we will include the Information Systems Manager's office.

The project will lower the temperature in the computer room while also adding with the noise level in other offices. The project was listed in the 2022-2023 CIP budget and will not exceed \$4,000.



CITY OF NICHOLS HILLS

Neil A. Gray
Information Systems Manager

TO: Shane Pate, City Manager
FROM: Neil Gray
SUBJECT: Request to Purchase Desktop computers and
Mobile Computers for Police Vehicles
Laptop – Fire Department Training
2022-2023 CIP Funds
DATE: July 15, 2022

I am requesting permission to purchase replacement desktop computers for the City. We rotate purchase replacement computers every three to five years depending upon their use. This year, we are replacing the desktop computers at the Public Works Department. I am asking for eleven (11) computers, which will not exceed \$15,000.

We are also asking to purchase two additional (2) mobile computers for the new Police Department simultaneously. These two mobile computers will go in the new Police vehicles and will not exceed \$3,500.

A second laptop is also on the 2022-2023 CIP list, which is a 14' Apple M1 Pro for the Fire Department. The computer will be used by the Fire Department for training and used extensively in training members in the "Blue Card" fire training program. The laptop was listed in the 2022-2023 CIP Budget and will not exceed \$2,500.



CITY OF NICHOLS HILLS

Neil A. Gray
Information Systems Manager

TO: Shane Pate, City Manager
FROM: Neil Gray
SUBJECT: Frequency Coordination – Public Works
2022-2023 CIP Funds
DATE: July 15, 2022

I request permission to hire Stolz Communications, to seek out and obtain a second UHF radio frequency for the Public Works Department, and coordinate the location of, testing, and licensing, of a second radio frequency for use by the Nichols Hills Public Works Department.

This project if listed in the 2022-2023 CIP Budget and shall not exceed \$6,000.



CITY OF NICHOLS HILLS

Neil A. Gray
Information Systems Manager

TO: Shane Pate, City Manager
FROM: Neil Gray
SUBJECT: Replacement Temperature Sensors,
2022-2023 CIP Funds
DATE: July 15, 2022

I am requesting permission to purchase replacement temperature sensors for all the areas where we monitor the temperate of computers and the environment. Heat is one of the worst things for a computer. We currently have sensors that report temperature changes and send a warning on a potential problem with the temperature changes. These sensors warn the Information Systems department members if the surrounding temperatures rise too high or too low.

We must replace the current sensors with new ones to maintain this monitoring. The old sensors have been EOL (End of Life) by the manufacturer and will soon not function properly. The project will not exceed \$6,500 and is listed in the 2022-2023 CIP Budget.

Memo

Date: July 29, 2022

To: Shane Pate, City Manager

From: Lindy Hough

RE: 2022 – 2023 CIP Purchase

Lindy Hough, Risk Manager is requesting permission to move forward in preparation of purchasing a Force USA Trap Bar & Clamps not to exceed \$600 for the basement gym as approved in the 2022-2023 General Fund CIP.

Thank you,

Lindy Hough



CITY OF NICHOLS HILLS

**NOTICE OF PUBLIC HEARINGS
CITY OF NICHOLS HILLS, OKLAHOMA
CASE NO. PC-2022-03**

Notice is hereby given that AT&T, represented by CRB for Nexius, has filed an application ("the Application") with the City of Nichols Hills, Oklahoma for approval of a special permit for the following described property:

Existing water tower located at the 1009 Northwest 75th Street in Nichols Hills, Oklahoma.

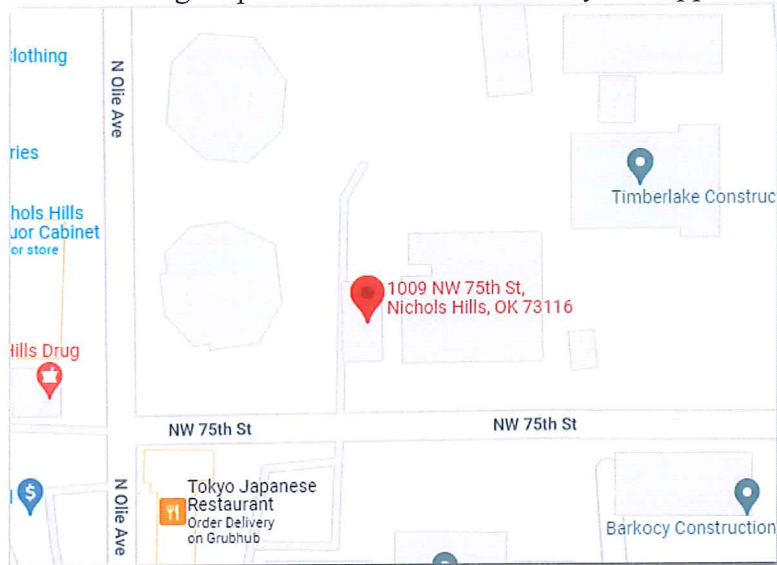
The zoning of this property is "C-1" Office. The Application requests a special permit to replace and/or add new antennas and other equipment for AT&T, to be located on or adjacent to the water tower owned by the City of Nichols Hills, Oklahoma. The Application and supporting documentation may be inspected in the office of the City Clerk during regular business hours.

The Application will be considered at public hearings to be held by the Nichols Hills Planning Commission on Tuesday, August 2, 2022 at 5:30 p.m., and by the Nichols Hills City Council on Tuesday, August 9, 2022 at 5:30 p.m. These public hearings will be held in the Council Chambers at Nichols Hills City Hall, 6407 Avondale Drive, Nichols Hills, Oklahoma, 73116.

Any person may address the Nichols Hills Planning Commission and Nichols Hills City Council at the public hearings. Written support for or protest against the proposed special permit may be mailed or hand-delivered to the City Clerk at 6407 Avondale Drive, Nichols Hills, Oklahoma, 73116. Written support or protests must be received by the City Clerk not less than three (3) days before the public hearing.

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)

The following map shows the area affected by the Application:



Dated this 19th day of July, 2022.

Amanda Copeland

Amanda Copeland, City Clerk
City of Nichols Hills, Oklahoma



CITY OF NICHOLS HILLS, OKLAHOMA
Application for Special Permit
Communication Device

Staff use only

Case # _____

Date filed _____

Fee receipt # _____

Twelve original sets and one electronic version of this completed application (including 12 original sets of the required attachments listed below) and the required fee should be submitted to the Nichols Hills City Clerk, 6407 Avondale Drive, Nichols Hills, Oklahoma 73116.

Applicant is encouraged to consult Sec. 50-127, *Communications Tower and Antenna Regulations*, of the Nichols Hills City Code when completing this Application. Note that Sec. 50-127 does not require a special permit for all communication devices.

This Application requires recommendation for approval by the Nichols Hills Planning Commission and approval of the Nichols Hills City Council.

Attach a separate sheet to provide complete answers if necessary.

Applicant's name: CRB for Nexius on behalf of AT+T

Primary contact: Lynn Ridener

Mailing address: 1900 NW Expressway Suite 800 OKC, OK 73118

Telephone number(s): 580-302-1741

Email address(es): Lynn.Ridener@branchcomm.net

This is an application to: [check all that apply]

- ☐ Construct a communication tower
- ☐ Locate an at-grade dish antenna(s) with a diameter exceeding two meters
- ☐ Locate an antenna or antenna array within a structure as an architectural element
- ☐ Install an additional antenna(s) or antenna array on an existing communications tower, sign structure, or municipal water tower
- ☐ Replace an antenna(s) or antenna array on an existing communications tower, sign structure, or municipal water tower
- ☐ Use the City's utility pole(s) (traffic signal poles, street light poles, and flag poles) associated with a distributed antenna system

Address or descriptive location of proposed device(s) ¹: 1009 Northwest 75th

The following must be attached to this Application:

1. **Proof of authority.** Proof of applicant's authority to make this Application as to the property for which the special permit is desired by attaching a copy of the applicable deed evidencing applicant's ownership, a copy of the applicable lease evidencing applicant's leasehold interest, or an affidavit regarding ownership (a form for which is attached to this Application).
2. **Survey and site map.** Certified survey and detailed site map.

¹ If metes and bounds description, please attach.

3. **Project plans.** Detailed and certified project plans.
4. **Structural engineer review.** If a tower or architectural element is included, certified review by a licensed structural engineer.
5. **Scope of proposed work.** A narrative of the need for the proposed device(s) and proposed scope of work in non-technical language in sufficient detail for analysis by the City's Planning Commission and City Council.
6. **List of Owners of Abutting Property.** A report developed from the current records of the Oklahoma County Assessor and/or the Oklahoma County Clerk within the last 30 days, stating the names, addresses, and contact information for the owners of property abutting the proposed site. If the report is not certified by a licensed and bonded abstractor, Applicant will be responsible for the accuracy and completeness of the information in the report.

This Application will be considered officially submitted and filed only after it is examined by the Director of Public Works and the City Clerk and found to have met the applicable requirements of Sec. 50-127 and those set out in this Application and after the fee of \$750 as required by Sec. 50-327 of the Nichols Hills City Code has been paid. At that time, the City Clerk will set the Application for hearing before the Nichols Hills Planning Commission and the Nichols Hills City Council. Applicant will be advised of the date and time for those hearings. It is highly recommended that applicant attend (or have a representative attend) the hearings and be prepared to answer questions.

The above statements in this Application and all attachments to it are true and correct.

Submitted and agreed to this 18 day of July, 2022.

Signature: Lynn Ridener

Print applicant's full legal name: Lynn Ridener

Print signatory party's title if applicant is a legal entity: _____

Form of affidavit regarding ownership**Affidavit**

STATE OF _____

COUNTY OF _____

[Full legal name], being first duly sworn, stated:

1. My name is *[full legal name]*. My address is *[full address]*. I am over the age of 18. I am a resident of the State of *[state]*. I have personal knowledge of the matters stated in this Affidavit.
2. I am the applicant for a special permit for a communication device pursuant to the Nichols Hills City Code.
3. I am the current and legal owner of the property in the City of Nichols Hills with the address of *[insert address]* and more particularly described as:

[Insert legal description]

4. This address and legal description accurately describe the property for which the special permit for a communication device is requested.

I declare to the best of my knowledge and belief that the information in this Affidavit is true, correct, and complete.

Executed this ____ day of _____, 202__.

[Full legal name]

Notary Acknowledgment

Subscribed and sworn to before me this ____ day of _____, 202__.

 Notary Public

My Commission Expires: _____

Comm. No. _____

This conveyance was approved on the ____ day of _____, 202__, by the City Council of the City of Nichols Hills, Oklahoma, pursuant to the Nichols Hills Subdivision Regulations as adopted by the Nichols Hills City Code.

By: _____

Printed name: _____

Title: _____

Market: AR/OK
 Cell Site Number: OK1085
 Cell Site Name: Nichols Hills
 Fixed Asset Number: 10000548

FIRST AMENDMENT TO LEASE AGREEMENT

THIS FIRST AMENDMENT TO LEASE AGREEMENT ("First Amendment"), dated as of the latter of the signature dates below, is by and between The City of Nichols Hills and Nichols Hills Municipal Authority (the "Authority"), a Municipal Trust, having a mailing address of 6407 Avondale, Nichols Hills, Oklahoma 73116 (the "Landlord" or "City") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosogo Drive, Atlanta GA 30324 ("Tenant").

WHEREAS, Landlord and Tenant entered into a Lease Agreement dated February 8, 2011, whereby Landlord leases to Tenant certain Premises, therein described, that are a portion of the Property located at 1009 NW 75th Street, Nichols Hills, Oklahoma 73120 ("Agreement"); and

WHEREAS, Tenant's use of the Premises is limited to the Antennae Facilities described in Exhibit C to the Agreement; and

WHEREAS, City ordinances require Tenant to obtain approval of the City prior to adding any Antennae Facilities beyond those described in Exhibit C to the Agreement; and

WHEREAS, Landlord and Tenant desire to amend the Agreement to allow for the installation of additional antennas, associated cables and other communications instruments; and

WHEREAS, Landlord and Tenant desire to adjust the rent in conjunction with the modifications to the Agreement contained herein; and

WHEREAS, Landlord and Tenant desire to amend the Agreement to modify the notice section thereof; and

WHEREAS, Landlord and Tenant, in their mutual interest, wish to amend the Agreement as set forth below accordingly.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant agree as follows:

1. Additional Antennas. In addition to those antennas described in Exhibit C to the Agreement, Landlord consents to the installation and operation of additional antennas, associated cables and equipment as more completely described on attached Exhibit 1-C. Landlord's execution of this Amendment will signify Landlord's approval of Exhibit 1-C. Exhibit 1-C hereby replaces page 1 of Exhibit C to the Agreement.

Amendment
 to
 ORIGINAL LEASE

2. **Rent.** Commencing on June 1, 2016, Rent shall be increased by Four Thousand Eight Hundred and No/100 Dollars (\$4,800.00) per year (increasing the total current rent to \$40,627.02 per year), subject to further adjustments and escalation factors as provided in the Agreement.

3. **Notices.** Section 29 of the Agreement is hereby deleted in its entirety and replaced with the following:

NOTICES. All notices, requests, and demands hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows.

If to Tenant: New Cingular Wireless PCS, LLC
 By: AT&T Mobility Corporation,
 Attn: Network Real Estate Administration
 Re: Cell Site #:OK1085, Cell Site Name: Nichols Hills (OK)
 FA No: 10000548
 575 Morosogo Drive
 Atlanta, GA 30324

With the required copy of legal notice sent to Tenant at the address above, a copy to the Legal Department: New Cingular Wireless PCS, LLC
 Attn: Legal Department,
 Re: Cell Site #:OK1085, Cell Site Name: Nichols Hills (OK)
 FA No: 10000548
 208 S. Akard Street
 Dallas, TX 75202-4206

A copy sent to the Legal Department is an administrative step which alone does not constitute legal notice.

If to Landlord: City Manager
 6407 Avondale Dr.
 Nichols Hills, OK 73116

With the required copy of legal notice sent to Landlord at the address above, a copy to the Legal Department: Kendall Parrish
 Ron Comingdeer & Associates
 6011 N. Robinson
 Oklahoma City, OK 73118

Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein.

5. **Other Terms and Conditions Remain.** In the event of any inconsistencies between the Agreement and this First Amendment, the terms of this First Amendment shall control. Except as expressly set forth in this First Amendment, the Agreement otherwise is unmodified and remains in full force and effect. Each reference in the Agreement to itself shall be deemed also to refer to this First Amendment.

6. **Capitalized Terms.** All capitalized terms used but not defined herein shall have the same meanings as defined in the Agreement.

IN WITNESS WHEREOF, the parties have caused their properly authorized representatives to execute and seal this First Amendment on the dates set forth below.

"LANDLORD"

City of Nichols Hills

By: E. Peter Hoffman Jr.
 Name: E. Peter Hoffman Jr.
 Title: Mayor
 Date: April 12, 2016

Nichols Hills Municipal Authority

By: E. Peter Hoffman Jr.
 Name: E. Peter Hoffman Jr.
 Title: Chairman
 Date: April 12, 2016

"TENANT"

New Cingular Wireless PCS, LLC

By: AT&T Mobility Corporation

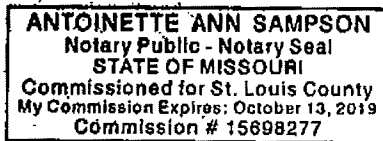
Its: Manager

By: Michael Bridwell
 Name: Michael Bridwell
 Title: Area Manager, C&E, AR/OK
 Date: 4/8/16

TENANT ACKNOWLEDGEMENT

STATE OF MO)
 COUNTY OF ST LOUIS) ss:

On the 8th day of APRIL, 2016, before me personally appeared Michael Bridwell, and acknowledged under oath that he is the Area Manager, RE & C, AR/OK of New Cingular Wireless PCS LLC, the limited liability company named in the attached instrument, and as such was authorized to execute this instrument on behalf of the limited liability company.



Antoinette Ann Sampson
 Notary Public: Antoinette Ann Sampson
 My Commission Expires: 10-13-19

LANDLORD ACKNOWLEDGEMENT

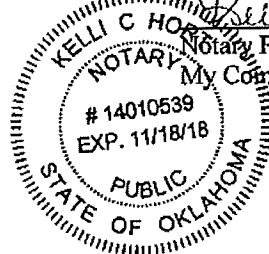
STATE OF Oklahoma)
 COUNTY OF Oklahoma) ss:

BE IT REMEMBERED, that on this 12th day of April, 2016, before me, the subscriber, a person authorized to take oaths in the State of Oklahoma, personally appeared Mayor E. Peter Hoffman, Jr. who, being duly sworn on his/her/their oath, depose and made proof to my satisfaction that he/she/they is/are the person(s) named in the within instrument; and I, having first made known to him/her/them the contents thereof, he/she/they did acknowledge that he/she/they signed, sealed and delivered the same as his/her/their voluntary act and deed for the purposes therein contained.

Kelli C. Hort
 Notary Public: 11-18-18 14010539
 My Commission Expires: 11-18-18

STATE OF Oklahoma)
 COUNTY OF Oklahoma) ss:

BE IT REMEMBERED, that on this 12th day of April, 2016, before me, the subscriber, a person authorized to take oaths in the State of Oklahoma, personally appeared Chairman E. Peter Hoffman, Jr. who, being duly sworn on his/her/their oath, depose and made proof to my satisfaction that he/she/they is/are the person(s) named in the within instrument; and I, having first made known to him/her/them the contents thereof, he/she/they did acknowledge that he/she/they signed, sealed and delivered the same as his/her/their voluntary act and deed for the purposes therein contained.



Kelli C. Hort
 Notary Public: 14010539
 My Commission Expires: 11-18-2018

ATTACHMENT 1

MEMORANDUM OF LEASE

Prepared by:***CRB Companies, LLC******Stephanie Wilson******1516 South Boston Ave, Ste 215******Tulsa, OK 74119*****Return to:****New Cingular Wireless PCS, LLC****575 Morosogo Drive****Atlanta, GA 30324**

Re: Cell Site #OK1085; Cell Site Name: Nichols Hills
Fixed Asset Number: 10000548
State: Oklahoma
County: Oklahoma

**MEMORANDUM
OF
LEASE**

This Memorandum of Lease is entered into on this ____ day of _____, 20__, by and between The City of Nichols Hills and Nichols Hills Municipal Authority, a Municipal Trust, having a mailing address of 6407 Avondale, Nichols Hills, Oklahoma 73116 ("**Landlord**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosogo Drive, Atlanta, GA 30324 ("**Tenant**").

1. Landlord and Tenant entered into a certain Lease Agreement ("**Agreement**") on the 8th day of February, 2011, as amended by that certain First Amendment to Lease Agreement for the purpose of installing, operating and maintaining a communications facility and other improvements. All of the foregoing are set forth in the Agreement.
2. The initial lease term will be five (5) years ("**Initial Term**") commencing on the Effective Date of the Agreement, with two (2) successive two (2) year options to renew.
3. The portion of the land being leased to Tenant (the "**Premises**") is described in **Exhibit 1** annexed hereto.

EXHIBIT 1**DESCRIPTION OF PREMISES**

Page 1 of 1

to the Memorandum of Lease dated _____, 20__, by and between The City of Nichols Hills and Nichols Hills Municipal Authority, a Municipal Trust, as Landlord, and New Cingular Wireless PCS LLC, a Delaware liability company, as Tenant.

The Premises are described and/or depicted as follows:

SUBJECT TRACT

A tract of land located in Lot 28, 30 and 31, Block 13, COLONIAL HEIGHTS, a part of the NW/4 of Section 4, Township 12 North, Range 3 West, Oklahoma County, Oklahoma, more particularly described as follows: Beginning at a point 174 feet South and 272 feet West of the Northeast corner of Lot 28 of said Block 13, thence East and parallel with the North line of said Lot 28, a distance of 40.07 feet, thence South a distance of 42.39 feet, thence N 89°43'47" W a distance of 30.0 feet, thence North a distance of 25.0 feet to the point of beginning.

INGRESS-EGRESS

A 12 foot wide roadway located in Block 13, COLONIAL HEIGHTS, a part of the NW/4 of Section 4, Township 12 North, Range 3 West, Oklahoma County, Oklahoma, with the corner-line described as follows: Beginning at the Southwest corner of Lot 28, of said Block 13, thence N 00°25'57" W a distance of 78.53 feet, thence in a Northeasterly direction along a curve to the right having a radius of 78.17 feet, a distance of 82.23 feet, thence N 59°41'20" E a distance of 7.42 feet, thence in a Northeasterly direction along a curve to the left having a radius of 51.27 feet, a distance of 53.49 feet, thence N 03°05'23" W a distance of 42.88 feet, thence in a Northwesterly direction along a curve to the left having a radius of 21.67 feet, a distance of 26.21 feet to the end of said 12 foot wide roadway.

EXHIBIT 1-C**Description of Antenna Facilities**

**12 antenna
12 Tower Mounted Amplifiers
9 Remote Radio Units
2 Surge Suppressors
12 runs of 1-5/8" Coax
4 runs of 3/4" Power
2 runs of 1/2" Fiber
1 run of 3/8" Control Cable**

Plus all ground equipment that will be kept within Tenant's 12' x 20' lease area adjacent to the Water Tower.

Notes:

1. THIS EXHIBIT MAY BE REPLACED BY A LAND SURVEY AND/OR CONSTRUCTION DRAWINGS OF THE PREMISES ONCE RECEIVED BY TENANT.
2. ANY SETBACK OF THE PREMISES FROM THE PROPERTY'S BOUNDARIES SHALL BE THE DISTANCE REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES.
3. WIDTH OF ACCESS ROAD SHALL BE THE WIDTH REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES, INCLUDING POLICE AND FIRE DEPARTMENTS.
4. THE TYPE, NUMBER AND MOUNTING POSITIONS AND LOCATIONS OF ANTENNAS AND TRANSMISSION LINES ARE ILLUSTRATIVE ONLY. ACTUAL TYPES, NUMBERS AND MOUNTING POSITIONS MAY VARY FROM WHAT IS SHOWN ABOVE.

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 Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

LEASE AGREEMENT

THIS LEASE entered into as of this 8th day of February, 2011, by and between The City of Nichols Hills and Nichols Hills Municipal Authority, a Municipal Trust having their principal offices at 6407 Avondale, Nichols Hills, Oklahoma 73116 (the "Landlord" or "City"), and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address at 12555 Cingular Way, Suite 1300, Alpharetta, GA 30004 (the "Tenant").

Recitals

A. Landlord is the owner in fee simple of a parcel of land located at 1009 N.W. 75th Street in the City of Oklahoma City, Oklahoma County, State of Oklahoma, whose legal description is set forth on the attached Exhibit A (the "Owned Premises") and on which there is located a water tower owned by Landlord ("Water Tower").

B. Tenant desires to lease a portion of the Owned Premises consisting of approximately 220 square feet (the "Leased Premises") together with certain positions on the space on the Water Tower described below and a right-of-way thereto for the installation and operation of certain antennae facilities, which include directional antennae, connecting cables and appurtenances (collectively, "Antennae Facilities") for use in connection with Tenant's communications business. The description and location of the Leased Premises and the Antennae Facilities are more specifically described in Exhibits B and C attached hereto and made a part hereof.

C. Accordingly, the parties are entering into this Lease on the terms and conditions set forth below.

Agreement

In consideration of their mutual covenants, the parties agree as follows:

1. Leased Premises. Landlord leases to Tenant and Tenant leases from Landlord a portion of the Owned Premises, consisting of Leased Premises, as shown on the Site Plan attached as Exhibit B and described more fully below, and certain space on the Water Tower for the purpose of installing, maintaining, repairing, replacing and operating Tenant's Antennae Facilities as described more fully on the attached Exhibit C. Tenant may not add additional equipment and/or antennae from that shown on Exhibit C without the prior written approval of the Landlord.

Landlord reserves the right to require Tenant to relocate its facilities to another location on the Water Tower, provided that Tenant's use of the Leased Premises is not adversely impacted by any such relocation. Tenant shall complete the relocation of its facilities at Tenant's expense and within a reasonable time after written notice from Landlord.

ORIGINAL
LEASE

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Landlord grants to Tenant the non-exclusive right and easement during the term of this Lease for ingress and egress on foot or by motor vehicle, including trucks, and for the installation and maintenance of utility wires, cable conduits and pipes over, under, or along the twenty foot (20') right of way extending from the nearest public right of way, which is known as N.W. 75th Street to the Leased Premises, as such right of way is shown on Exhibit B hereto. Tenant shall have the right to install utilities, at Tenant's expense, and to remove present utilities on the Leased Premises (including but not limited to the installation of emergency power generators). In the event any public utility is unable or unwilling to use the aforementioned right of way, Landlord hereby agrees to grant an additional right of way to Tenant at no additional cost to Tenant.

2. Relocation. Notwithstanding any provision in this Lease to the contrary, Landlord shall have the right, at any time (and from time to time) during the term of this Lease, to relocate the Water Tower at Landlord's expense. Landlord shall provide Tenant ninety (90) days advance notice of its intent to relocate the Water Tower.

3. Term.

a. This Lease shall commence on October 1, 2013 (the "Commencement Date") and end on September 30, 2018 (the "Initial Term"). Upon expiration of the Initial Term, this Lease may be renewed for two (2) additional terms of two (2) years each (each a "Renewal Term"), unless Tenant provides Landlord notice of intention not to renew not less than ninety (90) days prior to the expiration of the then-current Initial Term or Renewal Term. Notwithstanding the foregoing, Landlord may terminate this Lease at any time upon twelve (12) months prior written notice to Tenant.

b. Landlord may terminate this Lease at any time following the adoption by the State or Federal government of a law, rule, regulation or decision to the effect that due (in whole or in part) to a landlord having entered into a lease such as this one, the landlord is required to allow additional antennas or towers (of any sort or description) on its property. **In addition to the foregoing right to terminate this Lease, Landlord has the right, without any further liability, to terminate all of Tenant's rights to the Premises upon not less than sixty (60) days prior written notice to Tenant if:**

(1) Landlord is prohibited by any governmental entity from continued use of the Owned Premises during the term of this Lease;

(2) Landlord's right to control or occupy the Owned Premises is terminated due to causes beyond its control;

(3) After October 1, 2017, Landlord determines that the Leased Premises is needed for public purposes and no other location will reasonably fulfill such a need.

4. Rent.

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- a. Tenant shall pay Landlord as annual rent for the Leased Premises the sum of Thirty-Three Thousand Seven Hundred Seventy and 40/100 Dollars (\$33,770.40) ("Base Rent"). Tenant shall pay Landlord Base Rent for the first year on the Commencement Date of this Lease. Tenant shall pay Landlord Base Rent annually in advance on each anniversary of the Commencement Date. Base Rent shall be increased annually as described hereafter.
 - b. Tenant shall pay Landlord a late payment charge equal to five percent (5%) of the late payment for any payment not paid when due. Any amounts not paid when due shall bear interest until paid at the lesser of the rate of three percent (3%) per month or the highest rate permitted by law.
 - c. In addition, upon execution of this Lease by Tenant, Tenant shall reimburse Landlord for its reasonable costs and expenses, including legal fees, incurred by Landlord in connection with the negotiation and preparation of this Lease not to exceed \$1,500.00.
 - d. The Base Rent shall be increased annually effective as of each anniversary of the Commencement Date by three percent (3.0%).
 - e. If this Lease is terminated at a time other than on the last day of the month, Rent shall be prorated as of the date of termination and, in the event of termination for any reason other than Tenant's default, all prepaid Rents shall be refunded to the Tenant.
 - g. Base Rent and all other consideration to be paid or provided by Tenant to Landlord shall constitute "Rent" hereunder and shall be paid or provided without offset.
5. Intentionally Left Blank.
 6. Use of Leased Premises.
 - a. Tenant shall use the Leased Premises for the installation, operation, repair, replacement and maintenance of commercial mobile radio service, which include a concrete pad approximately eleven feet by twenty feet (11' x 20') in size and a prefabricated equipment shelter not to exceed eleven feet by twenty feet (11' x 20') to be located on such concrete pad for the purpose of installing, maintaining and operating communications equipment. Tenant shall use the Water Tower for the installation, operation and maintenance of Antennae Facilities that are "personal wireless service facilities" as such term is defined in §704 of the Federal Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56 (1996), partially codified at 47 U.S.C. § 332(c)(7)(C)(2), and for no other purpose. Landlord may permit others to use other portions of the Water Tower. Pursuant to the preceding Tenant shall install and operate its Antennae Facilities in the manner and of the type described in Exhibit C hereto.
 - b. Tenant shall, at its expense, comply with all present and future federal, state, and local laws, ordinances, rules and regulations (including laws and ordinances relating to health, radio frequency emissions, other radiation and safety) in connection with the use, operation, maintenance, construction and/or installation of the Antennae Facilities and/or the Leased

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Premises. Landlord agrees to reasonably cooperate with Tenant in obtaining, at Tenant's expense (including reimbursement of Landlord's reasonable attorney and administrative fees), any federal licenses and permits required for or substantially required by Tenant's use of the Leased Premises.

c. Removal.

(1) The Tenant shall remove the Antennae Facilities from the Leased Premises within thirty (30) days after termination of the Lease. Such removal shall be done in a workmanlike and careful manner and without interference or damage to any other equipment, structures or operations on the Leased Premises, including use of the Leased Premises by Landlord or any of Landlord's assignees or lessees. If, however, Tenant requests permission not to remove all or a portion of the improvements, and Landlord consents to such non-removal, title to the affected improvements shall thereupon transfer to Landlord and the same thereafter shall be the sole and entire property of Landlord, and Tenant shall be relieved of its duty to otherwise remove same.

(2) Upon removal of the improvements (or portions thereof) as provided above in subpart (1), Tenant shall restore the affected area of the Leased Premises to the reasonable satisfaction of Landlord.

(3) All costs and expenses for the removal and restoration to be performed by Tenant pursuant to subparts (1) and (2) above shall be borne by Tenant, and Tenant shall hold Landlord harmless from any portion thereof.

7. Construction Standards. Landlord acknowledges that Tenant has existing Antennae Facilities on the Leased Premises pursuant to a Lease Agreement dated September 23, 2004 between Landlord and Southwestern Bell Wireless LLC, Tenant's predecessor in interest, and that said existing Antennae Facilities have been installed on the Leased Premises in a good and workmanlike manner. Landlord reserves the right to require Tenant to paint the Antennae Facilities in a manner consistent with the color of the Water Tower or to otherwise shield the Antennae Facilities from view.

8. Intentionally Omitted.

9. Equipment Upgrade. Tenant may update or replace the Antennae Facilities from time to time upon prior written notice to Landlord, provided that the replacement facilities are not greater in number or size than the existing facilities and that any change in their location on the Water Tower is approved in writing by Landlord. Tenant shall submit to Landlord a detailed proposal for any change in location for replacement facilities and any supplemental materials as may be requested, for Landlord's evaluation and approval.

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10. Maintenance.

a. Tenant shall, at its own expense, maintain the Leased Premises and any equipment on or attached to the Leased Premises in a safe condition, in good repair and in a manner suitable to Landlord so as not to conflict with the use of the Owned Premises or other leasing of space on the Water Tower by Landlord. Tenant shall not interfere with the use of the Water Tower, the Owned Premises, related facilities or other equipment of other tenants.

b. Tenant shall have sole responsibility for the maintenance, repair, and security of its equipment, personal property, Antennae Facilities, and leasehold improvements, and shall keep the same in good repair and condition during the Lease term.

c. Tenant shall keep the Leased Premises free of debris and anything of a dangerous, noxious or offensive nature or which would create a hazard or undue vibration, heat, noise or interference.

d. In the event the Landlord or any other tenant undertakes painting, construction or other alterations on the Water Tower, Tenant shall take reasonable measures at Tenant's cost to cover Tenant's equipment, personal property or Antennae Facilities and protect such from paint and debris fallout which may occur during the painting, construction or alteration process.

11. Leased Premises Access.

a. Tenant shall have access to the Leased Premises by means reasonably designated by Landlord, subject to notice requirements to Landlord in 11b below.

b. Tenant shall have reasonable access to the Leased Premises in order to install, operate, and maintain its Antennae Facilities. Tenant shall provide Landlord twenty-four (24) hours advance notice, except in an emergency.

c. Landlord shall be allowed and granted access to the Leased Premises at reasonable times to examine and inspect the Leased Premises for safety reasons or to ensure that the Tenant's covenants are being met.

12. Utilities. Tenant shall, at its expense, separately meter charges for the consumption of electricity and other utilities associated with its use of the Leased Premises and the Antennae Facilities and shall timely pay all costs associated therewith.

13. License Fees. Tenant shall pay, as they become due and payable, all governmental fees, charges and taxes levied as a result of Tenant's use of the Leased Premises. Tenant shall pay all governmental fees, charges and taxes required for licenses and/or permits required for Tenant's use of the Leased Premises.

14. Approvals; Compliance with Laws. Tenant's use of the Leased Premises is contingent upon its obtaining all certificates, permits, zoning, and other approvals that may be required by any federal, state

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or local authority. Tenant shall erect, maintain and operate its Antennae Facilities in accordance with standards, statutes, ordinances, rules and regulations now in effect or that may be issued thereafter by the Federal Communications Commission or any other governing bodies.

15. Interference.

a. Tenant's installation, operation, and maintenance of its Antennae Facilities shall not damage or interfere in any way with Landlord's operations or related repair and maintenance activities or with such activities of other tenants. Tenant agrees to cease all such actions which materially interfere with Landlord's use of the Water Tower or the Owned Premises immediately upon actual notice of such interference, provided however, in such case, Tenant shall have the right to terminate the Lease. Landlord, at all times during this Lease, reserves the right to take any action it deems necessary, in its sole discretion, to repair, maintain, alter or improve the Leased Premises in connection with its operations as may be necessary, including leasing parts of the Water Tower to others.

b. Before Tenant replaces any Antennae Facilities, Landlord may require Tenant to provide any environmental assessment studies required by the Federal Communications Commission and obtain, at Tenant's expense, an interference study indicating whether Tenant's intended use will interfere with any existing communications facilities on the Water Tower.

c. Landlord does not guarantee to Tenant subsequent noninterference with Tenant's communications operations, provided, however, that in the event any other party except a governmental unit, office or agency requests a lease and/or permission to place any type of additional antennae or transmission facility on the Water Tower, the procedures of this paragraph shall govern to determine whether such antennae or transmission facility will interfere with Tenant's transmission operations.

d. If Landlord receives a request to lease space on the Water Tower from additional users, Landlord shall require such additional user to submit a proposal complete with all technical specifications to enable Landlord and Tenant to review such proposed use for noninterference; however, Landlord shall not be required to provide Tenant with any specifications or information claimed to be of a proprietary nature by the third party. The third party shall be responsible for the reasonable cost of preparing the technical specifications for its proposed transmission facility. Tenant shall have thirty (30) days following receipt of said proposal to make any objections thereto, and failure to make any objection within said thirty (30) day period shall be deemed consent by Tenant to the installation of antennae or transmission facilities pursuant to said proposal. If Tenant gives notice of objection due to interference during such 30 day period and Tenant's objections are verified by Landlord to be valid, then Landlord shall not permit the proposal to proceed until the additional user modifies the proposal in a manner determined, in Landlord's reasonable judgment, to adequately reduce the interference. In that case, Landlord may proceed with the proposal. A governmental unit may be allowed to place antennae or other communications facilities on the Water Tower regardless of potential or actual interference with Tenant's use, provided however, if Tenant's use of the Premises is materially affected, Tenant may terminate the Lease without further obligations hereunder.

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e. Tenant's use and operation of its facilities shall not interfere with the use and operation of other communication facilities on the Water Tower which pre-existed Tenant's facilities. If Tenant's facilities cause interference with such pre-existing facilities, Tenant shall take all measures reasonably necessary to correct and eliminate the interference. If the interference cannot be eliminated in a reasonable time, Tenant shall immediately cease operating its facility until the interference has been eliminated. If the interference cannot be eliminated within 30 days, Landlord may terminate this Lease. If a subsequent user interferes with Tenant's facilities, Landlord shall require the user to take all measures reasonably necessary to correct and eliminate the interference. If the interference cannot be eliminated in a reasonable time, Landlord shall require such user to immediately cease operating its facility until the interference has been eliminated. If the interference cannot be eliminated within sixty (60) days, Tenant may terminate this Lease.

16. Default and Remedies.

a. It shall be a default if either party defaults in the performance of any covenant or condition of this Lease and does not cure such default within thirty (30) days after written notice from the non-defaulting party specifying the default complained of; or if Tenant abandons or vacates the Leased Premises; or if either party is adjudicated as bankrupt or makes any assignment for the benefit of creditors, or becomes insolvent.

b. In the event of a default by Tenant, Landlord shall have the right, at its option, in addition to and not exclusive of any other remedy Landlord may have by operation of law, without any further demand or notice, to re-enter the Leased Premises and eject all persons therefrom, and terminate this Lease in which event all amounts currently due hereunder shall become immediately due and payable. Landlord shall make its best efforts to relet the Leased Premises, or any part thereof, upon such terms and conditions as Landlord may deem advisable, and any monies received from such reletting shall be applied first to the expenses of such reletting and collection, including reasonable attorneys' fees, any real estate commissions paid, and thereafter toward payment of all sums due to Landlord hereunder. If a sufficient sum shall not be realized to pay such sums and other charges, Landlord may bring an action to collect any amounts not paid by Tenant hereunder.

c. No re-entry and taking of possession of the Leased Premises by Landlord shall be construed as an election on Landlord's part to terminate this Lease, regardless of the extent of renovations and alterations by Landlord, unless a written notice of such intention is given to Tenant by Landlord. Notwithstanding any reletting without termination, Landlord may at any time thereafter elect to terminate this Lease for such previous breach.

d. If suit shall be brought by Landlord for recovery of possession of the Leased Premises, for the recovery of any rent or any other amount due under the provisions of this Lease, or by either party because of the breach of any other covenant, the breaching party shall pay to the non-breaching party all expenses incurred therefor, including reasonable attorney fees.

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17. Cure by Landlord. In the event of any default of this Lease by Tenant, the Landlord may at any time, after notice, cure the default for the account of and at the expense of the Tenant. If Landlord is compelled to pay or elects to pay any sum of money or to do any act which will require the payment of any sum of money or is compelled to incur any expense, including reasonable attorney fees in instituting, prosecuting or defending any action to enforce the Landlord's rights under this Agreement, the sums so paid by Landlord, with all interest, costs and damages shall be deemed to be Base Rent and shall be due from the Tenant to Landlord on the first day of the month following the incurring of the respective expenses.

18. Optional Termination.

a. This Lease may be terminated (i) by Tenant if it is unable to obtain or maintain any license, permit, or other governmental approval necessary for the construction and/or operation of the Antennae Facilities or Tenant's business; (ii) by Landlord if the Landlord decides, in its sole discretion and for any reason, to discontinue use of the Water Tower; (iii) by Landlord if it determines, in its sole discretion and for any reason, that the Water Tower is structurally unsound or otherwise not suitable for Tenant's use, including but not limited to consideration of age of the structure, damage or destruction of all or part of the Water Tower from any source, or factors relating to the condition of the Water Tower; (iv) by Landlord if it determines in its sole discretion that continued use of the Water Tower by Tenant is in fact a threat to health, safety or welfare or violates applicable laws or ordinances; or (v) by Landlord at its sole discretion if Tenant loses its license to provide PCS/cellular service for any reason, including, but not limited to, nonrenewal or cancellation of its license.

b. Upon termination of this Lease for any reason, Tenant shall remove its equipment, personal property, Antennae Facilities, and leasehold improvements from the Leased Premises as required by Section 6c(1) hereof, and shall repair any damage to the Premises caused by such equipment, normal wear and tear excepted; all at Tenant's sole cost and expense. Any such property or facilities which are not removed pursuant to the requirements of Section 6c(1) hereof shall become the property of Landlord.

19. Liquidated Damages: Termination. Notice of Tenant's termination pursuant to paragraph 18 shall be given to Landlord in writing by certified mail, return receipt requested, and shall be effective upon receipt of such notice. All rentals paid for the Lease of the Leased Premises prior to said termination date shall be retained by Landlord. Upon such termination, this Lease shall become null and void and the parties shall have no further obligations to each other, except that rental payments to the Landlord shall continue as liquidated damages for the remainder of the contract year in which such termination occurs.

20. Alteration, Damage or Destruction. If the Water Tower or any portion thereof is altered, destroyed or damaged so as to materially hinder effective use of the Antennae Facilities through no fault or negligence of Tenant, Tenant may elect to terminate this Lease upon thirty (30) days' written notice to Landlord. In such event, Tenant shall promptly remove the Antennae Facilities from the Leased Premises and shall restore the Leased Premises to the same condition as existed prior to this Lease, normal wear and tear and damage from the foregoing casualty excepted. This Lease (and Tenant's

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obligation to pay rent) shall terminate upon Tenant's fulfillment of the obligations set forth in the preceding sentence, at which termination Tenant shall be entitled to the reimbursement of any Rent prepaid by Tenant. Landlord shall have no obligation to repair any damage to any portion of the Leased Premises.

21. Condemnation. In the event the Owned Premises are taken by eminent domain, this Lease shall terminate as of the date title to the Owned Premises vests in the condemning authority. In the event any portion of the Leased Premises is taken by eminent domain, either party shall have the right to terminate this Lease as of said date of title transfer, by giving thirty (30) days' written notice to the other party. In the event of any taking under the power of eminent domain, Tenant shall not be entitled to any portion of the reward paid for the taking and the Landlord shall receive full amount of such award. Tenant hereby expressly waives any right or claim to any portion thereof although all damages, whether awarded as compensation for diminution in value of the leasehold or to the fee of the Leased Premises, shall belong to Landlord. Tenant shall have the right to claim and recover from the condemning authority, but not from Landlord, such compensation as may be separately awarded or recoverable by Tenant on account of any and all damage to Tenant's business and any costs or expenses incurred by Tenant in moving/removing its equipment, personal property, Antennae Facilities, and leasehold improvements.

22. Indemnity and Insurance.

a. Disclaimer of Liability: Landlord shall not at any time be liable for injury or damage occurring to any person or property from any cause whatsoever arising out of Tenant's construction, maintenance, repair, use, operation, condition or dismantling of the Leased Premises or Tenant's Antennae Facilities, excepting such injury or damage as may be attributable to the acts or omissions of Landlord, its agents, servants or contractors.

b. Indemnification: Tenant shall, at its sole cost and expense, indemnify and hold harmless Landlord, its respective officers, boards, commissions, employees, agents, attorneys, and contractors, elected or appointed, (hereinafter referred to as "Indemnitees"), from and against:

i. Any and all liability, obligation, damages, penalties, claims, liens, costs, charges, losses and expenses (including, without limitation, reasonable fees and expenses of attorneys), which may be imposed upon, incurred by or be asserted against the Indemnitees by reason of any act or omission of Tenant, its personnel, employees, agents, contractors or subcontractors, resulting in personal injury, bodily injury, sickness, disease or death to any person or damage to, loss of or destruction of tangible or intangible property, invasion of privacy and unauthorized use of any trademark, trade name, copyright, patent, service mark or any other right of any person, firm or corporation, which may arise out of or be in any way connected with the construction, installation, operation, maintenance, use or condition of the Leased Premises or Tenant's Antennae Facilities or the Tenant's failure to comply with any federal, state or local statute, ordinance or regulation.

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 Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

- ii. Any and all liabilities, obligations, damages, penalties, claims, liens, costs, charges, losses and expenses (including, without limitation, reasonable fees and expenses of attorneys, expert witnesses and other consultants), which are imposed upon, incurred by or asserted against the Indemnitees by reason of any claim or lien arising out of work, labor, materials or supplies provided or supplied to Tenant, its contractors or subcontractors, for the installation, construction, operation, maintenance or use of the Leased Premises or Tenant's Antennae Facilities, and, upon the written request of Landlord, Tenant shall cause such claim or lien covering Landlord's property to be discharged or bonded within thirty (30) days following such request.
- c. Assumption of Risk: Tenant undertakes and assumes for its officers, agents, affiliates, contractors and subcontractors and employees (collectively "Tenant" for the purpose of this section), all risk of dangerous conditions, if any, on or about the Owned Premises or the Water Tower, and Tenant hereby agrees to indemnify and hold harmless the Indemnitees against and from any claim asserted or liability imposed upon the Indemnitees for personal injury or property damage to any person (other than from Indemnitee's gross negligence) arising out of the Tenant's installation, operation, maintenance, condition or use of the Leased Premises or Tenant's Antennae Facilities or Tenant's failure to comply with any federal, state or local statute, ordinance or regulation.
- d. Defense of Indemnitees: In the event any action or proceeding shall be brought against the Indemnitees by reason of any matter for which the Indemnitees are indemnified hereunder, Tenant shall, upon notice from any of the Indemnitees, at Tenant's sole cost and expense, resist and defend the same; provided however, that Tenant shall not admit liability in any such matter on behalf of the Indemnitees without the written consent of Landlord and provided further that Indemnitees shall not admit liability for, nor enter into any compromise or settlement of, any claim for which they are indemnified hereunder, without the prior written consent of Tenant.
- e. Notice, Cooperation and Expenses: Landlord shall give Tenant prompt notice of the making of any claim or the commencement of any action, suit or other proceeding covered by the provisions of the preceding paragraph. Nothing herein shall be deemed to prevent Landlord from cooperating with Tenant and participating in the defense of any litigation by Landlord's own counsel. Tenant shall pay all expenses incurred by Landlord in response to any such actions, suits or proceedings. These expenses shall include all out-of-pocket expenses such as attorney fees and shall also include the reasonable value of any services rendered by the Landlord's attorney, and the actual expenses of Landlord's agents, employees or expert witnesses, and disbursements and liabilities assumed by Landlord in connection with such suits, actions or proceedings but shall not include attorneys' fees for services that are unnecessarily duplicative of services provided Landlord by Tenant.

If Tenant requests Landlord to assist it in such defense then Tenant shall pay all expenses incurred by Landlord in response thereto, including defending itself with regard to any such actions, suits or proceedings. These expenses shall include all out-of-pocket expenses such as attorney fees and shall also include the costs of any services rendered by the Landlord's attorney,

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and the actual expenses of Landlord's agents, employees or expert witnesses, and disbursements and liabilities assumed by Landlord in connection with such suits, actions or proceedings.

f. Insurance: During the term of the Lease, Tenant shall maintain, or cause to be maintained, in full force and effect and at its sole cost and expense, the following types and limits of insurance:

i. Worker's compensation insurance meeting applicable statutory requirements and employer's liability insurance with minimum limits of One Million Dollars (\$1,000,000) for each accident.

ii. Comprehensive commercial general liability insurance with minimum limits of Five Million Dollars (\$5,000,000) as the combined single limit for each occurrence of bodily injury, personal injury, death and property damage. The policy shall provide blanket contractual liability insurance for all written contracts, and shall include coverage for products and completed operations liability, independent contractor's liability; coverage for property damage from perils of explosion, collapse or damage to underground utilities, commonly known as XCU coverage.

iii. Liability insurance for sudden and accidental environmental contamination with minimum limits of Five Million Dollars (\$5,000,000) and providing coverage for claims discovered within three (3) years after the term of the policy.

iv. Automobile liability insurance covering all owned, hired, and nonowned vehicles in use by Tenant, its employees and agents, with personal protection insurance and property protection insurance to comply with the provisions of state law with minimum limits of Two Million Dollars (\$2,000,000) as the combined single limit for each occurrence for bodily injury and property damage.

v. Business interruption insurance coverage in an amount sufficient to cover such loss of revenues, for the period of time which it would take, under normal circumstances, to repair or replace that part(s) of the Antennae Facilities which is damaged and caused the loss of revenue.

vi. The coverage amounts set forth above may be met by a combination of underlying and umbrella policies so long as in combination the limits equal or exceed those stated.

g. Named Insureds: All policies, except for business interruption and worker's compensation policies, shall name Landlord as additional insureds (herein referred to as the "Additional Insureds").

h. Evidence of Insurance: Certificates of insurance for each insurance policy required to be obtained by Tenant in compliance with this paragraph shall be filed and maintained with

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 FA No: 10000548
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Landlord annually during the term of the Lease. Tenant shall immediately advise Landlord of any claim or litigation that may result in liability to Landlord.

i. Insurance Companies: All insurance shall be effected under valid and enforceable policies, insured by insurers licensed to do business by the State of Oklahoma or surplus line carriers on the State of Oklahoma Insurance Commissioner's approved list of companies qualified to do business in the State of Oklahoma. All insurance carriers and surplus line carriers shall be rated A+ or better by A.M. Best Company.

j. Contractors: Tenant shall require that each and every one of its contractors and their subcontractors who perform work on the Leased Premises to carry, in full force and effect, workers' compensation, comprehensive public liability and automobile liability insurance coverages of the type but not the same limits which Tenant is required to obtain under the terms of this Lease or in the alternative, Tenant shall require that such contractors and subcontractors be named as additional insured parties on Tenant's insurance policies.

23. Hazardous Substance Indemnification. Tenant represents and warrants that its use of the Premises herein will not generate any hazardous substance, and it will not store or dispose on the Premises nor transport to or over the Premises any hazardous substance. Tenant further agrees to hold Landlord harmless from and indemnify Landlord against any release of any such hazardous substance and any damage, loss, or expense or liability resulting from such release including all attorneys' fees, costs and penalties incurred as a result thereof except any release caused by the negligence of Landlord, its employees or agents. "Hazardous substance" shall be interpreted broadly to mean any substance or material defined or designated as hazardous or toxic waste, hazardous or toxic material, hazardous or toxic or radioactive substance, or other similar term by any federal, state or local environmental law, regulation or rule presently in effect or promulgated in the future, as such laws, regulations or rules may be amended from time to time; and it shall be interpreted to include, but not be limited to, any substance which after release into the environment will or may reasonably be anticipated to cause sickness, death or disease.

24. Holding Over. Any holding over after the expiration of the term hereof, with the consent of the Landlord, shall be construed to be a tenancy from month to month at two times the rents herein specified (prorated on a monthly basis) and shall otherwise be for the term and on the conditions herein specified, so far as applicable.

25. Subordination to Mortgage. Any mortgage now or subsequently placed upon any property of which the Leased Premises are a part shall be deemed to be prior in time and senior to the rights of the Tenant under this Lease. Tenant subordinates all of its interest in the leasehold estate created by this Lease to the lien of any such mortgage. Tenant shall, at Landlord's request, execute any additional documents necessary to indicate this subordination.

26. Intentionally Omitted.

27. Acceptance of Premises. Tenant accepts the Leased Premises in the condition existing as of the Commencement Date. Landlord makes no representation or warranty with respect to the condition of

Cell Site No: 10000548 / 4965 NICHOLS HILL_WS-41281.1
FA No: 10000548
Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

the Leased Premises and Landlord shall not be liable for any latent or patent defect in the Leased Premises existing at the Commencement Date of this Lease.

28. Estoppel Certificate. Tenant shall, at any time and from time to time upon not less than ten (10) days prior request by Landlord but in no event more frequently than once per year, deliver to Landlord a statement in writing certifying that (a) the Lease is unmodified and in full force (or if there have been modifications, that the Lease is in full force as modified and identify the modifications); (b) the dates to which rent and other charges have been paid; (c) so far as the person making the certificate knows, Landlord is not in default under any provisions of the Lease, if Landlord is in fact not in default at the time the statement is certified; and (d) such other matters as Landlord may reasonably request.

29. Notices. All notices, requests, demands, and other communications hereunder shall be in writing and shall be deemed given if personally delivered or mailed, certified mail, return receipt requested; to the following addresses:

If to Landlord, to:

City Manager
 6407 Avondale Dr.
 Nichols Hills, OK 73116

With a copy to:

Kendall Parrish
 Comingdeer, Lee & Gooch
 6011 N. Robinson
 Oklahoma City, OK 73118

If to Tenant, to:

New Cingular Wireless PCS, LLC
 Attn: Network Real Estate Administration
 Re: Cell Site #: 10000548; Cell Site Name: 4965 NICHOLS HILL (OK)
 Fixed Asset No: 10000548
 12555 Cingular Way, Suite 1300
 Alpharetta, GA 30004

With a copy to:

New Cingular Wireless PCS, LLC
 Attn: Legal Department
 Re: Cell Site #: 10000548; Cell Site Name: 4965 NICHOLS HILL (OK)
 Fixed Asset No: 10000548
 15 East Midland Avenue
 Paramus, NJ 07652

Cell Site No: 10000548 / 4965 NICHOLS HILL_WS-41281.1
FA No: 10000548
Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

30. Assignment.

a. Tenant may assign this Lease to Tenant's parent companies or any affiliate or subsidiary of Tenant or its parent companies, or to any entity with or into which Tenant is merged or consolidated, or to any entity resulting from a reorganization of Tenant or its parent companies. Otherwise, Tenant may not assign this Lease or sublet the Leased Premises without the prior written consent of Landlord.

b. Nothing in this Lease shall preclude Landlord from leasing other space for communications equipment to any person or entity which may be in competition with Tenant, or any other party.

31. Successors and Assigns. This Lease shall be binding upon and inure to the benefit of the parties, their respective successors, personal representatives and assigns.

32. Non-Waiver. Failure of Landlord to insist on strict performance of any of the conditions, covenants, terms or provisions of this Agreement or to exercise any of its rights hereunder shall not waive such rights, but Landlord shall have the rights to enforce such rights at any time and take such action as might be lawful or authorized hereunder, either in law or equity. The receipt of any sum paid by Tenant to Landlord after a breach of this Agreement shall not be deemed a waiver of such breach unless expressly set forth in writing.

33. Taxes.

a. Tenant shall pay all real and personal property taxes (or payments in lieu of taxes) and assessments for the Leased Premises, if any, which become due and payable during the term of this Lease. All such payments shall be made, and evidence of all such payments shall be provided to Landlord, at least ten (10) days prior to the delinquency date of the payment. Tenant shall pay all taxes on its personal property on the Leased Premises.

b. Tenant shall indemnify Landlord from any and all liability, obligation, damages, penalties, claims, liens, costs, charges, losses and expenses (including, without limitation, reasonable fees and expenses of attorneys, expert witnesses and consultants), which may be imposed upon, incurred by or be asserted against Tenant in relation to the taxes owed or assessed on the Leased Premises.

c. If the methods of taxation in effect at the Commencement Date of the Lease are altered so that in lieu of or as a substitute for any portion of the property taxes and special assessments now imposed on property there is imposed a tax upon or against the rentals payable by Tenant to Landlord, Tenant shall pay those amounts in the same manner as provided for the payment of real and personal property taxes.

34. Dispute Resolution.

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 FA No: 10000548
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a. Except as otherwise provided in this Lease, any controversy between the parties arising out of this Lease or breach thereof, is subject to the mediation process described below.

b. A meeting will be held promptly between the parties to attempt in good faith to negotiate a resolution of the dispute. Individuals with decision making authority will attend the meeting regarding the dispute. If within twenty (20) days after such meeting the parties have not succeeded in resolving the dispute, they will, within twenty (20) days thereafter submit the dispute to a mutually acceptable third party mediator who is acquainted with dispute resolution methods. Landlord and Tenant will participate in good faith in the mediation and in the mediation process. The mediation shall be nonbinding. Neither party is entitled to seek or recover punitive damages in considering or fixing any award under these proceedings.

c. The costs of mediation, including any mediators fees, and costs for the use of the facilities during the meetings, shall be born equally by the parties. Each parties costs and expenses will be born by the party incurring them.

35. Treatment in Bankruptcy. The parties to this Lease hereby expressly agree and acknowledge that it is the intention of both parties that in the event that during the term of this Lease Tenant shall become a debtor in any voluntary or involuntary bankruptcy proceeding (a "Proceeding") under the United States Bankruptcy Code, 11 U.S.C. § 101, et seq. (The "Code"), this Lease is and shall be treated as an "unexpired lease of nonresidential real property" for purposes of Section 365 of the Code, 11 U.S.C. § 365, and, accordingly, shall be subject to the provisions of subsections (d)(3) and (d)(4) of said Section 365.

36. Force Majeure. If a party is delayed or hindered in, or prevented from the performance required under this Lease (except for payment of monetary obligations) by reason of earthquakes, landslides, strikes, lockouts, labor troubles, failure of power, riots, insurrections, war, acts of God or other reasons of like nature, not the fault of the party delayed in performing work or doing acts, such party is excused from such performance for the period of delay. The period for the performance of any such act shall then be extended for the period of such delay. In the event that Tenant invokes this provision because damage to the Leased Premises has hindered, delayed, or prevented Tenant from using the Premises, Tenant may immediately erect any temporary facilities on the Leased Premises necessary to resume service, provided that such temporary facilities do not unreasonably interfere with Landlord's ability to repair or restore the Leased Premises. If, in Landlord's sole and absolute discretion, it elects to repair or restore the Leased Premises, upon completion of such repair or restoration, Tenant is entitled to repair or rebuild the Tower and/or related facility in accordance with the terms agreed upon in this Lease.

37. Miscellaneous.

a. This Lease is not a franchise pursuant to the Oklahoma Constitution, nor is it a permit to use the rights-of-way of the City of Nichols Hills with the sole exception of the right of way for ingress and egress described in section 1 hereof. Any such franchise or permit must be obtained separately from Landlord.

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b. Landlord and Tenant each represent and warrant to the other that all necessary authorizations and approvals required for execution and performance of this Lease have been given and that the undersigned individual is duly authorized to execute this Lease and bind the party for which it signs.

c. This Lease constitutes the entire agreement and understanding of the parties and supersedes all offers, negotiations, and other agreements of any kind. There are no representations or understandings of any kind not set forth herein. Any modification of or amendment to this Lease must be in writing and executed by both parties.

d. This Lease and performance hereunder shall be governed, interpreted, construed and regulated by the laws of the State of Oklahoma.

e. If any term, covenant, condition or provision of this Lease shall, to any extent, be invalid or unenforceable, the remainder of this Lease shall not be affected thereby, and shall be valid and enforceable to the fullest extent permitted by law.

f. Landlord hereby expressly disclaims all Warranties of Merchantability and Fitness for a Particular Purpose associated with the Premises. Tenant accepts the Leased Premises "as is."

g. Tenant shall use the utmost good faith to apply for, obtain, and keep in full force and effect all certificates, permits, licenses, and approvals affecting Tenant's ability to use the Leased Premises.

h. This Lease may be executed in any number of counterparts, each of which shall be an original, but all of which together shall constitute but one instrument.

i. This Lease does not and shall not be construed to establish or create a partnership, joint venture, franchise or other form of business association between Landlord and Tenant.

This Lease was executed as of the date first set forth above.

LANDLORD:

CITY OF NICHOLS HILLS



By:

Its Mayor

By:

Cell Site No: 10000548 / 4965 NICHOLS HILL_WS-41281.1
FA No: 10000548
Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

Its Clerk

TENANT:

New Cingular Wireless PCS, LLC,
a Delaware limited liability company
By: AT&T Mobility Corporation
Its: Manager

By: 

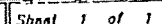
Name: Kevin L. Lilly

Title: Area Mgr Ctr

Cell Site No: 10000548 / 4965 NICHOLS HILL_WS-41281.1
FA No: 10000548
Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

EXHIBIT A

LEGAL DESCRIPTION OF OWNED PREMISES



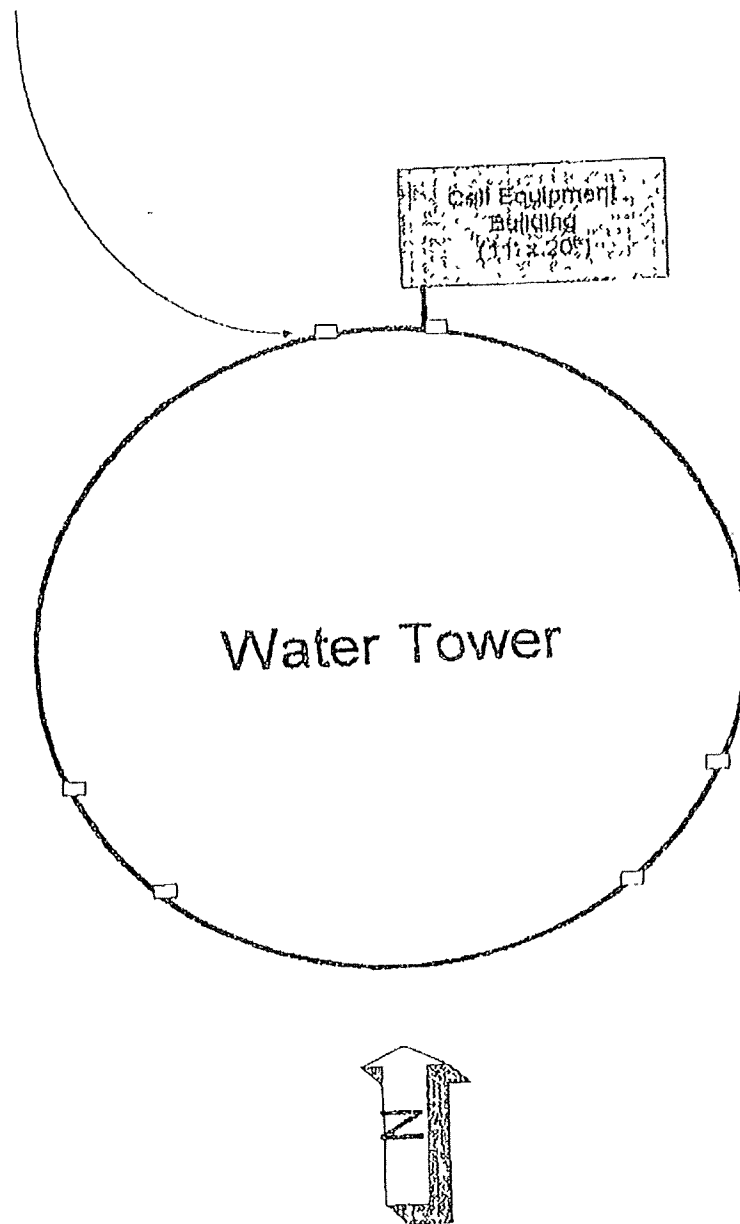
Cell Site No: 10000548 / 4965 NICHOLS HILL_WS-41281.1
FA No: 10000548
Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

EXHIBIT B

PREMISES PLAN LEASED PREMISES

EXHIBIT "B"

Southwestern Bell Mobile Systems Antennas



Antennas will be mounted
at 120 degree intervals
around the tower with 6'
separation between
antenna pairs,

Cell Site No: 10000548 / 4965 NICHOLS HILL_WS-41281.1

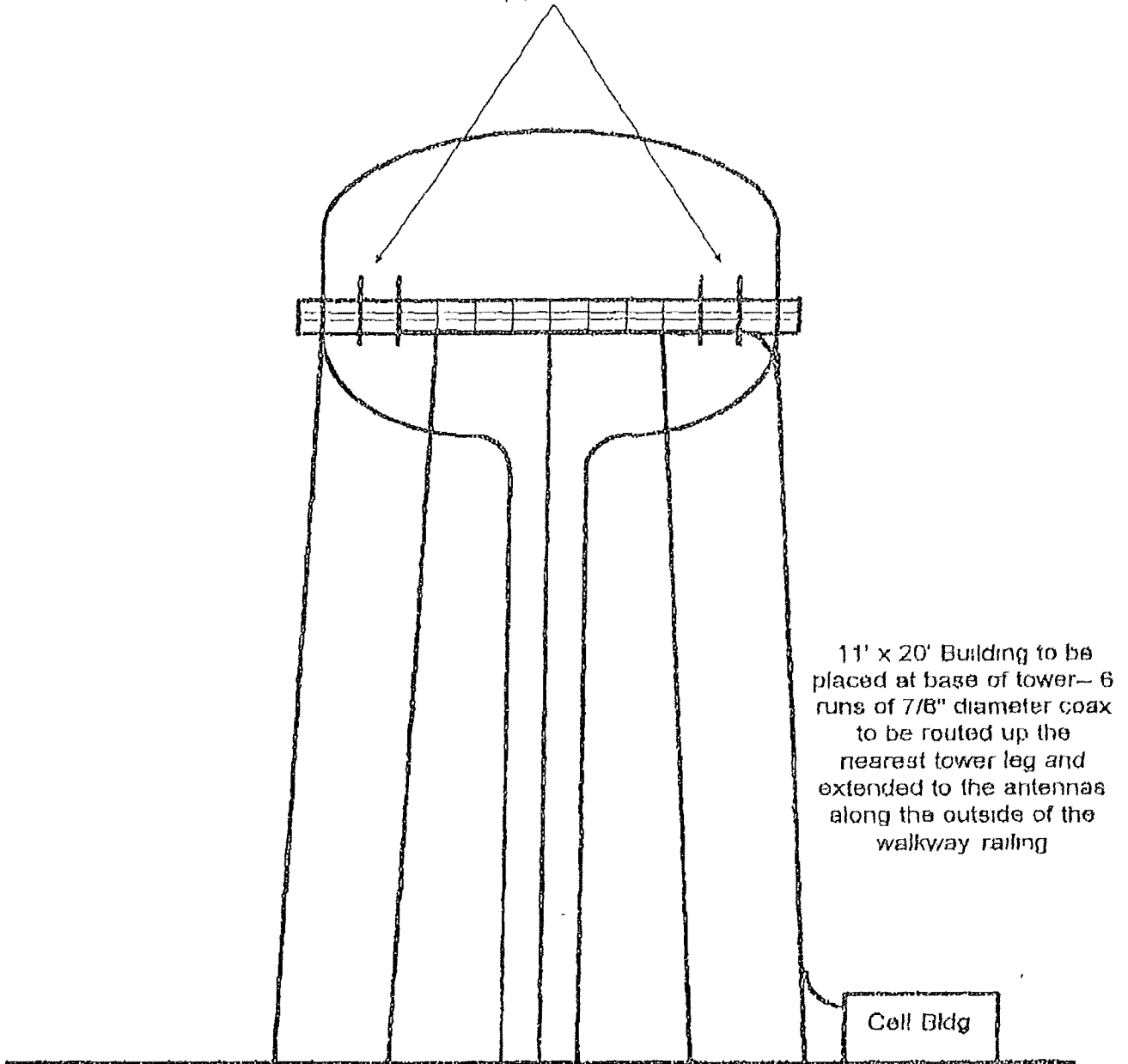
FA No: 10000548

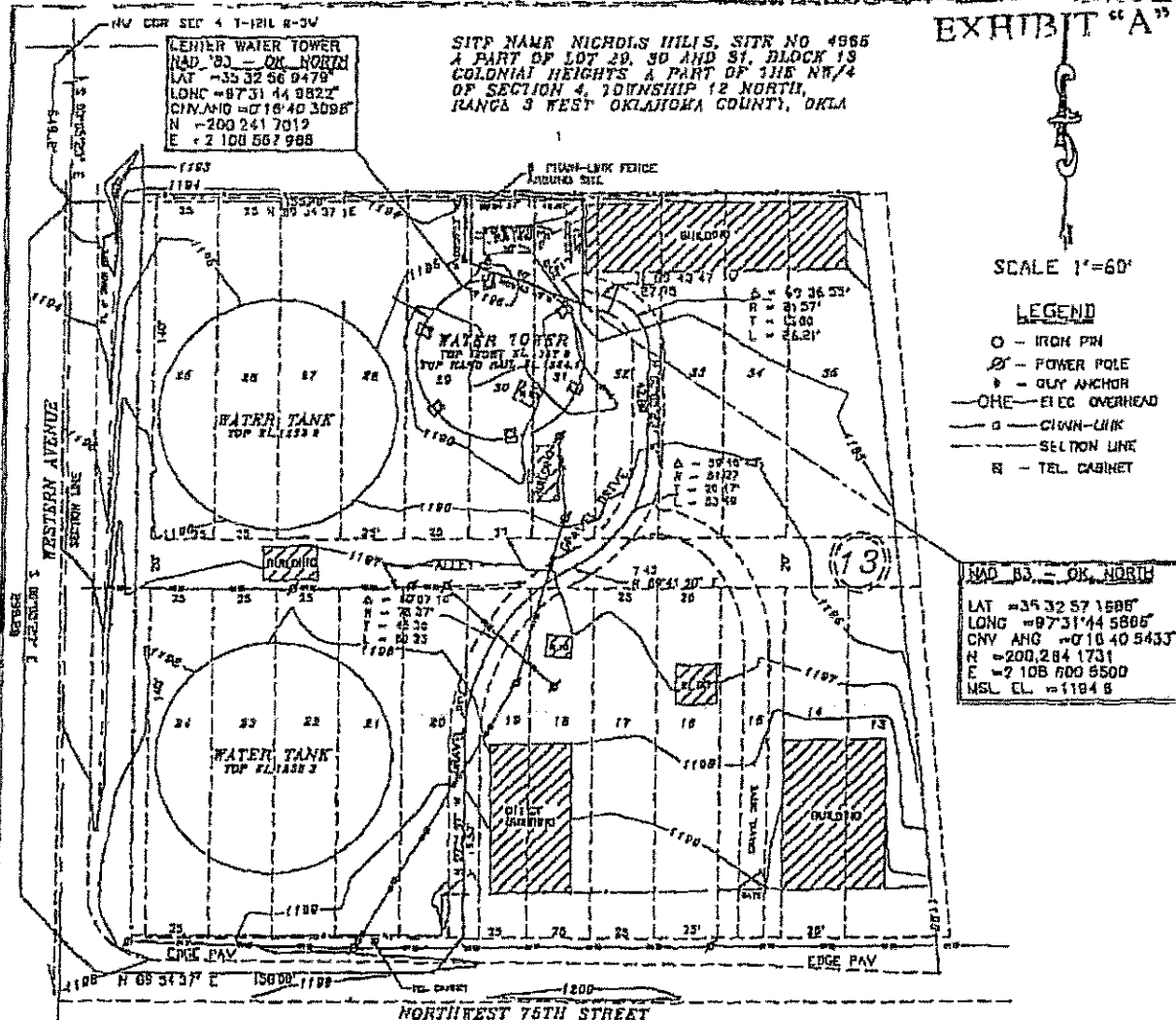
Site Address: 1009 N.W. 75th Street, Oklahoma City, OK 73116

EXHIBIT C

DESCRIPTION OF ANTENNAE FACILITIES

6' antennas mounted in 3 pairs 120 degrees
apart with 6' of separation between the pair on
outside of walkway railing. Antennas to point
N, SE & SW





C E R T I F I C A T E

I, Wayne G Guinn, registered land surveyor in the State of Oklahoma, hereby certify that the accompanying plat is a true and correct representation of the survey made of the following described property located in Block 13, COLONIAL HEIGHTS, being a part of the NW/4 of Section 4, Township 12 North, Range 3 West, Oklahoma County.

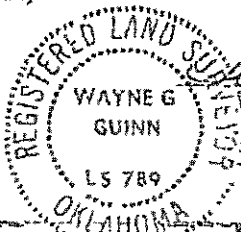
I, further certify that the referenced point is within the 2-"C" tolerance

SUBJECT TRACT

A tract of land located in Lot 29, 30 and 31, Block 13, COLONIAL HEIGHTS, a part of the NW/4 of Section 4, Township 17 North, Range 3 West, Oklahoma County, Oklahoma, more particularly described as follows: Beginning at a point 172 feet South and 272 feet West of the Northeast corner of Lot 29 of said Block 13, thence East and parallel with the North line of said Lot 29, a distance of 48.87 feet, thence South a distance of 42.39 feet, thence N 69°43'47" W a distance of 500 feet, thence North a distance of 25.0 feet to the point of beginning.

INGRESS-EGRESS

A 12 foot wide roadway located in Block 13, COLONIAL HEIGHTS, a part of the NW/4 of Section 4, Township 12 North, Range 3 West, Oklahoma County, Oklahoma, with the center-line described as follows Beginning at the Southeast corner of Lot 20, of said Block 13, thence N 00°25'57" W a distance of 78.53 feet, thence in a Northeasterly direction along a curve to the right having a radius of 78.37 feet, a distance of 82.23 feet, thence N 59°41'20" E a distance of 7.42 feet, thence in a Northeasterly direction along a curve to the left having a radius of 51.27 feet, a distance of 53.49 feet, thence N 00°05'23" W a distance of 42.89 feet, thence in a Northwesterly direction along a curve to the left having a radius of 21.57 feet, a distance of 26.21 feet to the end of said 12 foot wide roadway



Wayne C Guinn LS 789

CENTRAL LAND SURVEYING

PO Box 2117 Ada, Okla 74820

Phone (403) 436-3453

for **CIMARRON LAND SERVICES, INC.**

Drawn by H GUERIN

Checked by K Guido

Date 11-22-84

Book No 205

Sheet 1 of 1



AT&T
Mobility

THE DESIGN SHOWN ON THESE DRAWINGS IS BASED
ON INFORMATION GATHERED FROM AT&T RFDS
AT&T RFDS V2021_1.00 DATED 10/26/2021

SITE NAME:

NICHOLS HILLS

SITE ID:

OK1085

FA LOCATION CODE:

10000548

PROJECT:

LTE-5G / ANT MOD

TOWER NUMBER:

N/A

PACE ID:

MROAR038463 / MROAR038465 / MROAR040203 / MROAR038462

ADDRESS:

1009 NORTHWEST 75TH, NICHOLS HILLS,
OK 73116

TOWER INFO:

128'-0" WATER TANK

SITE COORDINATES:

35.549281° / -97.529208°

SITE INFORMATION

SITE NAME:	NICHOLS HILLS
SITE ID:	OK1085
FA LOCATION CODE:	10000548
ADDRESS:	1009 NORTHWEST 75TH
CITY, STATE ZIP:	NICHOLS HILLS, OK 73116
COUNTY:	OKLAHOMA
LATITUDE:	35.549281°
LONGITUDE:	-97.529208°
GROUND ELEVATION:	1197'± AMSL
STRUCTURE TYPE:	WATER TANK
STRUCTURE HEIGHT:	128'-0" A.G.L (ABOVE GROUND LEVEL)
RAD CENTER:	129'-0" A.G.L
APPLICANT:	AT&T MOBILITY 17000 CANTRELL ROAD, STEVEN B. LAMBERT, sl5279@att.com LITTLE ROCK, AR 72223
SITE ACQUISITION:	HAZEL MAURO – SITE ACQUISITION MANAGER 155 INTERNATIONAL BLVD GLENDALE HEIGHTS, IL 60139 hazel.mauro@nexius.com
A&E SERVICES:	NEXIUS SOLUTIONS, INC. 2595 NORTH DALLAS PKWY, SUITE 300 FRISCO, TX 75034 jack.phipps@nexius.com
STRUCTURE OWNER:	NICHOLS HILLS

VICINITY MAP



APPLICABLE CODES

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH CURRENT EDITIONS OF THE FOLLOWING APPLICABLE CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES.

- 2018 INTERNATIONAL BUILDING CODE
- 2020 NATIONAL ELECTRIC CODE

THESE DRAWINGS ARE DESIGNED TO THE LATEST CODES. THEY ALSO MEET THE ADOPTED CODE REQUIREMENTS OF THE JURISDICTION.

SHEET INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
C-1	SITE PHOTOS
C-2	DETAILED SITE PLAN
C-3	SHELTER SITE PLAN
C-4	TOWER ELEVATIONS
RF-1	RF SCHEDULE
RF-2	ANTENNA SECTOR PLANS
EQ-1	EQUIPMENT DETAILS
GN-1	GENERAL NOTES

SCOPE OF WORK

REFER TO THE MOUNT ANALYSIS DATED 02/24/22 FOR MOUNT MODIFICATION.
PE: BRAD ROBERT MILANOWSKI
MA VENDOR: B+T GRP

ALPHA, BETA, GAMMA:

- ***SAQ TO MAKE SURE 3FT HORIZONTAL SEPARATION BETWEEN CBAND AND LTE ANTENNAS AND A MINIMUM OF 12IN VERTICAL SEPARATION BETWEEN CBAND STACKED ANTENNAS IS MAINTAINED***
- REMOVE 1X EXISTING RRUS-12 B5 FROM POS2.
- REMOVE 1X EXISTING SBNHH-1D65C ANTENNA FROM POS4.
- REMOVE 1X EXISTING RRUS-11 B12 FROM POS4.
- REMOUNT 1X EXISTING RRUS-32 B30 (LTE 2300) ON POS4 MOUNTED ON A NEW DUAL BRACKET. CONNECT PORTS TO ANTENNA ON POS4.
- ADD 1X NEW AIR6449 N77D AND 1X NEW AIR6419 N77G ON POS3 MOUNTED ABOVE EACH OTHER STACKED.
- ADD 1X NEW TPA65R-BU8D ANTENNA ON POS4 MOUNTED ON AN EXISTING PIPE.
- ADD 1X NEW RRUS-4449 B5/B12 (LTE 700, LTE 850) MOUNTED BACK TO BACK WITH RRUS-32 B30.

POWER:

- ADD 1X NEW DC2 PER SECTOR. ADD 1X NEW FC12, ADD 2X NEW 6AWG6 DC TRUNKS.
- USE EXISTING FIBER TRUNKS.
- EXISTING NETSURE 710 +24V DC POWER PLANT, RECOMMENDED TO SWAP.

ANY DEVIATION THAT DIFFERS SUBSTANTIALLY FROM WHAT IS SHOWN ON THE CONSTRUCTION DRAWINGS MUST BE APPROVED BY THE ENGINEER OF RECORD. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK CAN BE MADE DURING CONSTRUCTION WITHOUT ISSUING A CHANGE ORDER.

PREPARED BY:

9.a.a

n e x i u s

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T
Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL 10/31/22 NEXIUS SOLUTIONS, INC. DATE SIGNED: 03/17/22
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

PROJECT STATUS:

FOR CONSTRUCTION

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

PRELIMINARY: NOT FOR CONSTRUCTION

SUBMITTALS

REV	DATE	DESCRIPTION	BY
A	01/20/22	CD FOR REVIEW	JF
0	03/17/22	FINAL CD	JF

SITE INFORMATION:

SITE NAME:
NICHOLS HILLS

SITE NUMBER:
OK1085

SITE ADDRESS:
1009 NORTHWEST 75TH
NICHOLS HILLS, OK 73116

SITE COORDINATES:
35.549281° / -97.529208°

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Know what's below.
Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS
UNDERGROUND FACILITIES BEFORE
YOU DIG IN OKLAHOMA, CONTACT
CALL OKIE
TOLL FREE: 1-800-522-6543 OR
www.callokie.com

OKLAHOMA STATUTE
REQUIRES MIN OF 2
WORKING DAYS NOTICE
BEFORE YOU EXCAVATE

PREPARED BY:

nexus

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T

Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL
10/31/22
NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

DATE SIGNED:
03/17/22

PROJECT STATUS:
FOR CONSTRUCTION
NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

PRELIMINARY: NOT FOR CONSTRUCTION

SUBMITTALS			
REV	DATE	DESCRIPTION	BY
A	01/20/22	CD FOR REVIEW	JF
0	03/17/22	FINAL CD	JF

SITE INFORMATION:

SITE NAME:
NICHOLS HILLS

SITE NUMBER:
OK1085

SITE ADDRESS:
**1009 NORTHWEST 75TH
NICHOLS HILLS, OK 73116**

SITE COORDINATES:
35.549281° / -97.529208°

SHEET TITLE:
OVERALL SITE PLAN

SHEET NUMBER:
C-1

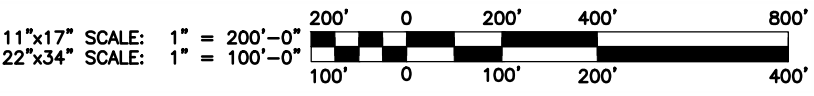
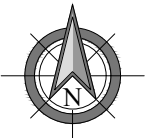
NOTE:
THIS PLAN WAS CREATED BASED ON INFORMATION GATHERED FROM PREVIOUS DRAWINGS, AERIAL PHOTOGRAPHY, GIS DATA, AND/OR ASSESSORS MAPS PROVIDED BY LOCAL SOURCES. THIS PLAN IS IN NO WAY INTENDED TO BE USED AS A BOUNDARY SURVEY.



2 STRUCTURE PHOTO
SCALE: N.T.S



1 OVERALL SITE PLAN
SCALE: 1:100



n e x i u s

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T
Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL 10/31/22 NEXIUS SOLUTIONS, INC. DATE SIGNED: 03/17/22
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

PROJECT STATUS:

FOR CONSTRUCTION

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

PRELIMINARY: NOT FOR CONSTRUCTION

SUBMITTALS

REV	DATE	DESCRIPTION	BY
A	01/20/22	CD FOR REVIEW	JF
0	03/17/22	FINAL CD	JF

SITE INFORMATION:

SITE NAME:

NICHOLS HILLS

SITE NUMBER:

OK1085

SITE ADDRESS:

1009 NORTHWEST 75TH
NICHOLS HILLS, OK 73116

SITE COORDINATES:

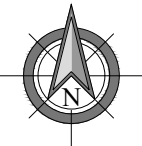
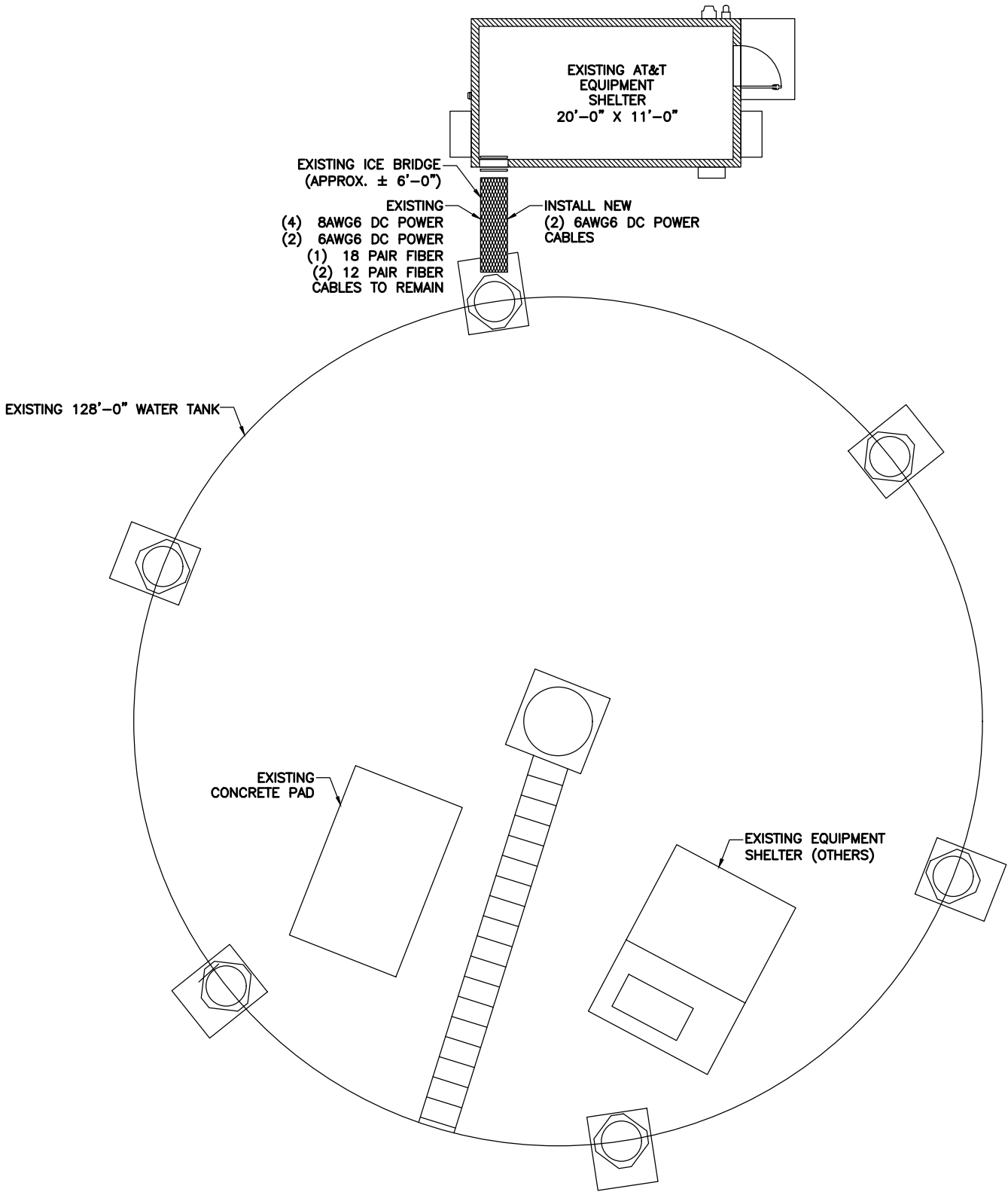
35.549281° / -97.529208°

SHEET TITLE:

DETAILED SITE PLAN

SHEET NUMBER:

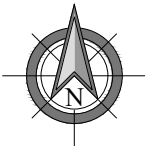
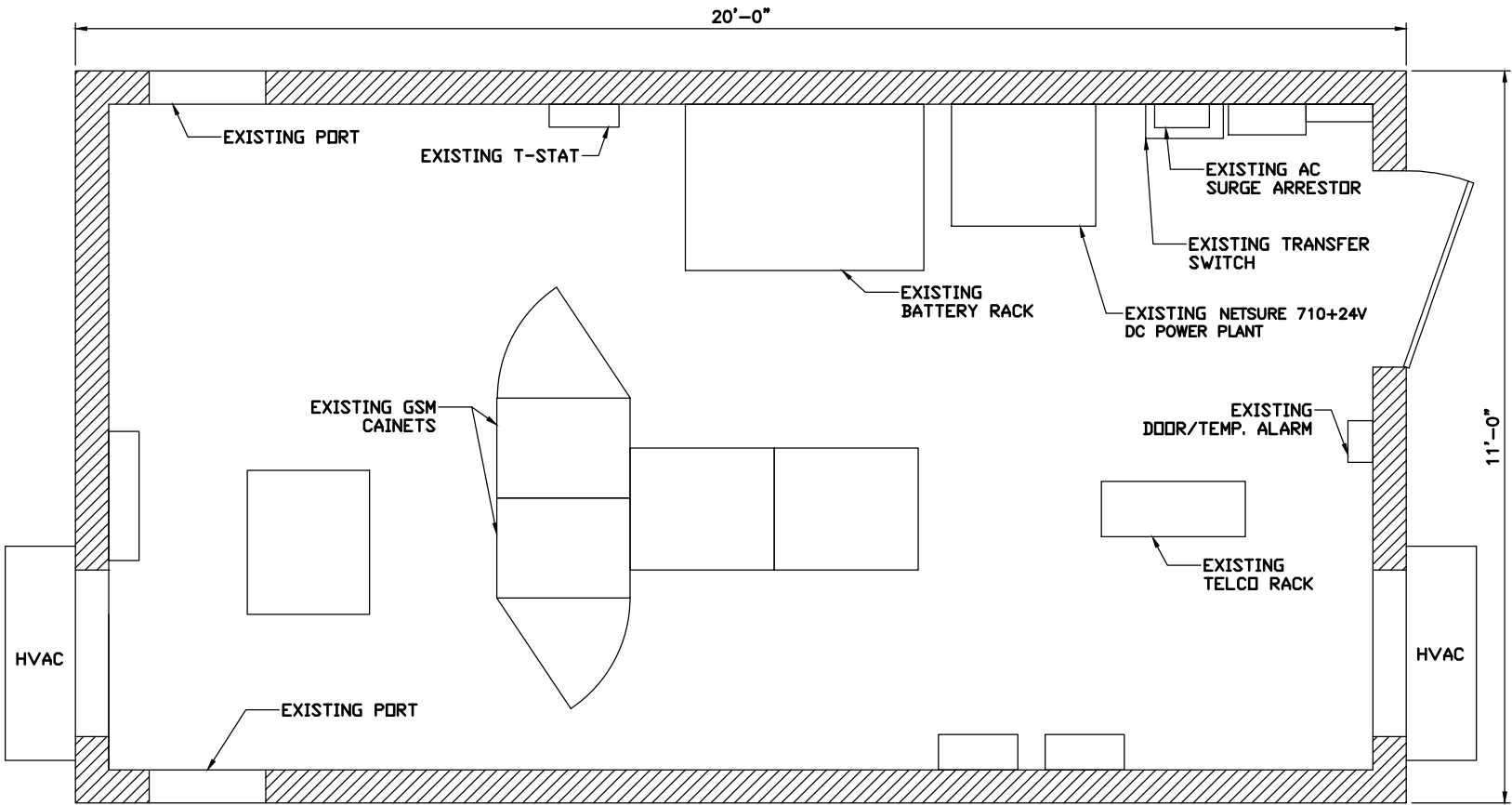
C-2



1 DETAILED SITE PLAN
SCALE: 3/16" = 1'-0"

11"x17" SCALE: 3/32" = 1'-0"
22"x34" SCALE: 3/16" = 1'-0"
0 5'-4" 10'-8" 21'-4"
0 2'-8" 5'-4" 10'-8"

RRH BREAKER SCHEDULE					
RRH MANUFACTURER	RRH MODEL	BREAKER SIZE	DC POWER CONSUMPTION	BREAKER AT&T ITEM#	BREAKER QUANTITY
				VERTIV/EMERSON	
				WHITE HANDLE	
ERICSSON	4449 B5/B12	25 AMP	1,440 W	NEQ.00710	6
ERICSSON	AIR 6449 N77	50 AMP	1,280 W	NEQ.00710	3
ERICSSON	AIR 6419 N77	25 AMP	1,280 W	NEQ.00710	3



1 SHELTER SITE PLAN
SCALE: 3/4" = 1'-0"

11"x17" SCALE: 3/8" = 1'-0"
22"x34" SCALE: 3/4" = 1'-0"

PREPARED BY:

nexus

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:

AT&T
Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223

PE RENEWAL
10/31/22

DATE SIGNED:
03/17/22

NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

PROJECT STATUS:
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PRELIMINARY: NOT FOR CONSTRUCTION

SUBMITTALS			
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SITE INFORMATION:

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NICHOLS HILLS

SITE NUMBER:
OK1085

SITE ADDRESS:
1009 NORTHWEST 75TH
NICHOLS HILLS, OK 73116

SITE COORDINATES:
35.549281° / -97.529208°

SHEET TITLE:
SHELTER SITE PLAN

SHEET NUMBER:
C-3

nexus

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T
Mobility

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PE RENEWAL
10/31/22
NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23
DATE SIGNED:
03/17/22

PROJECT STATUS:
FOR CONSTRUCTION

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

PRELIMINARY: NOT FOR CONSTRUCTION

SUBMITTALS

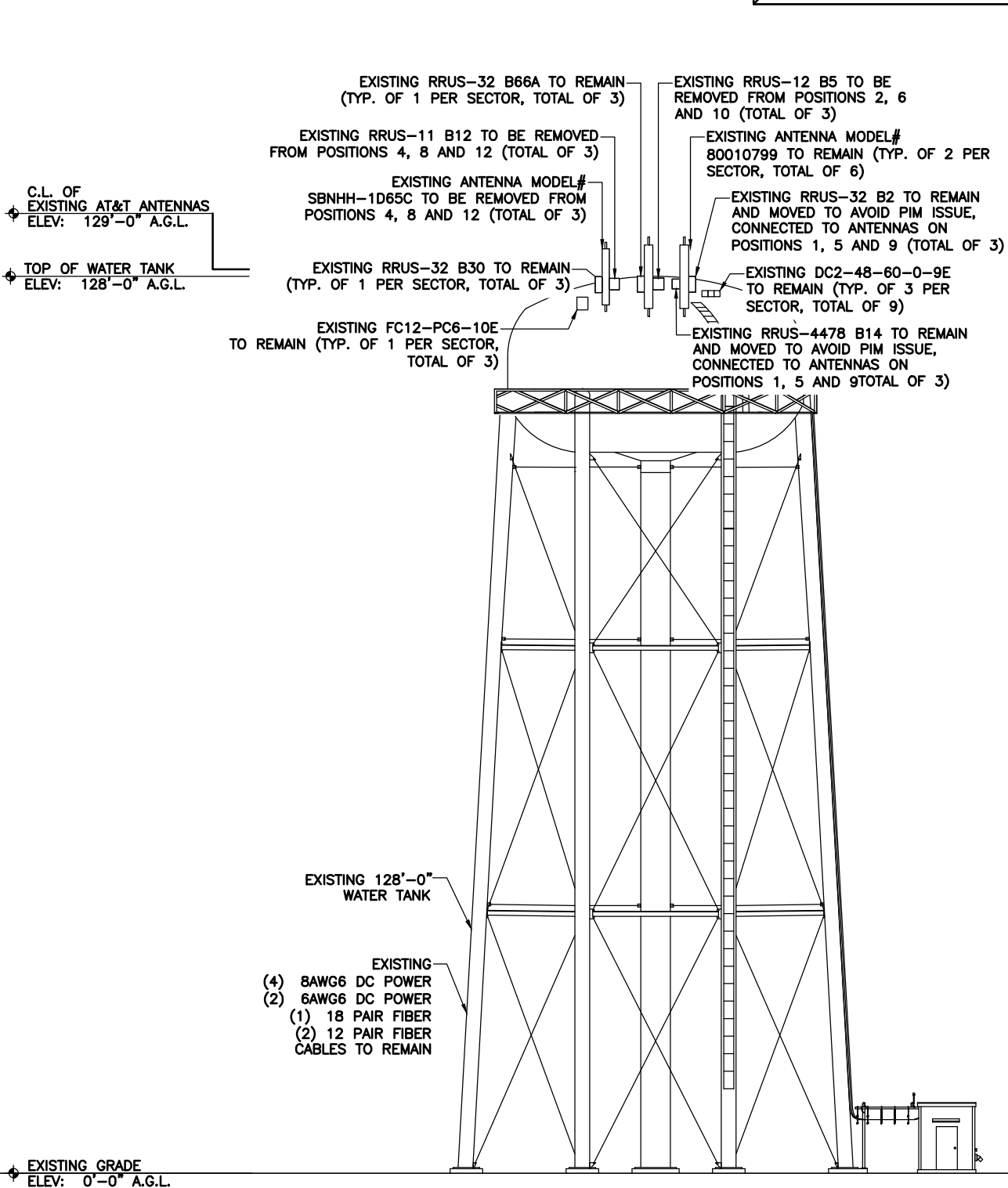
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A	01/20/22	CD FOR REVIEW	JF
0	03/17/22	FINAL CD	JF

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SITE NAME:
NICHOLS HILLS
SITE NUMBER:
OK1085
SITE ADDRESS:
**1009 NORTHWEST 75TH
NICHOLS HILLS, OK 73116**
SITE COORDINATES:
35.549281° / -97.529208°

SHEET TITLE:
TOWER ELEVATIONS

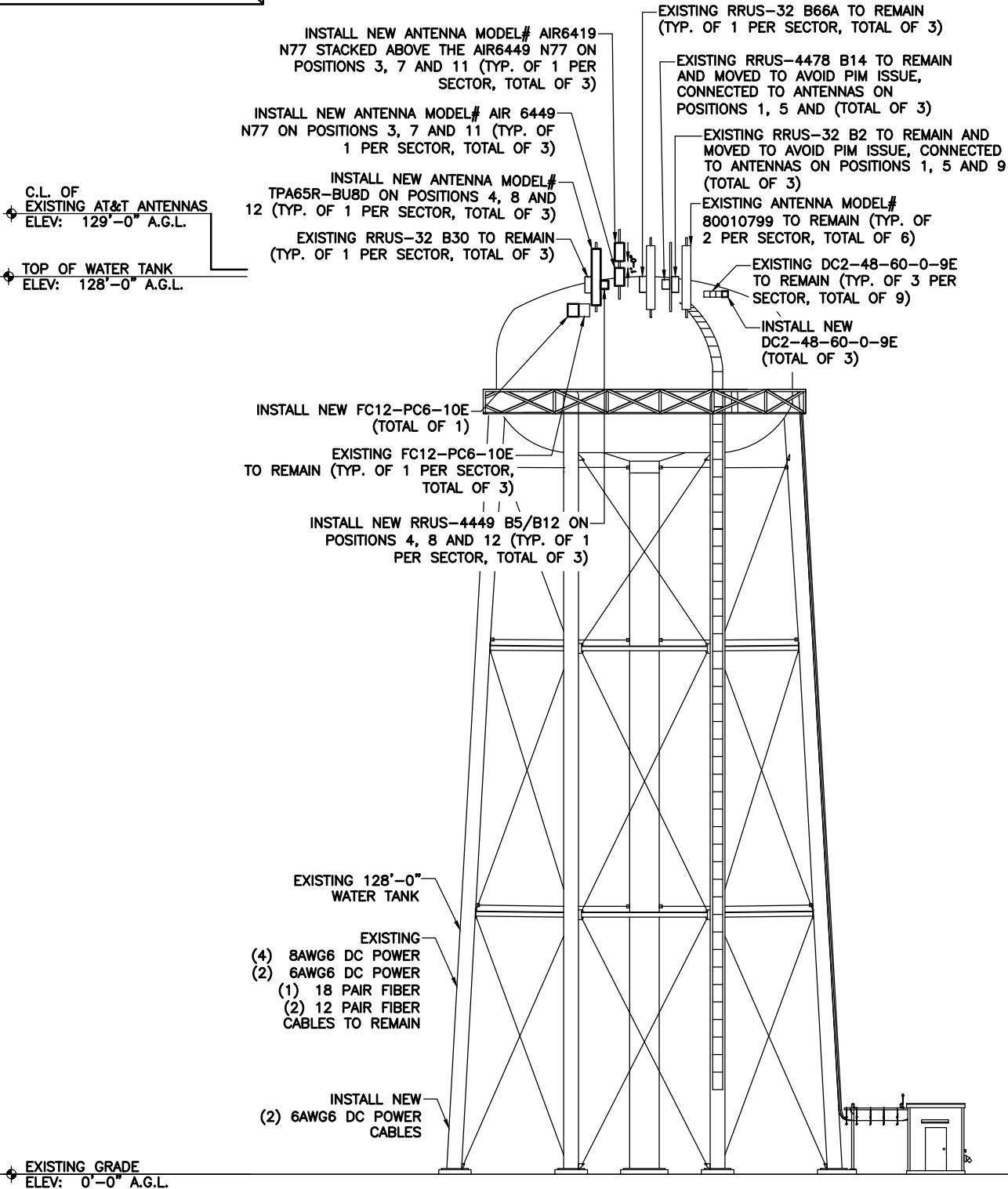
SHEET NUMBER:
C-4

NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, PRIOR TO THE ONSET OF CONSTRUCTION, THAT THE SUPPORTING STRUCTURE(S) AND MOUNTING SYSTEM(S) HAVE BEEN DEEMED STRUCTURALLY ADEQUATE BY A LICENSED PROFESSIONAL ENGINEER TO SUPPORT THE EXISTING AND PROPOSED EQUIPMENT AND ASSOCIATED CONSTRUCTION LOADS, INCLUDING BUT NOT LIMITED TO THOSE DEPICTED, HEREIN. THE CONTRACTOR SHALL ASSUME THE FULL-LIABILITY AND RISK ASSOCIATED WITH THE INSTALLATION OF THE PROPOSED EQUIPMENT AND/OR APPURTENANCES IF PERFORMED WITHOUT SAID PASSING STRUCTURAL ANALYSIS OR EVALUATION. IF THE RESULT OF THE ANALYSIS REQUIRES THE STRUCTURE BE STRENGTHENED OR MODIFIED; SUCH MODIFICATIONS SHALL BE PROPERLY INSTALLED AND COMPLETED PRIOR TO THE ONSET OF CONSTRUCTION.



1 TOWER ELEVATION (EXISTING)
SCALE: 3/32" = 1'-0"

11"x17" SCALE: 1/32" = 1'-0"
22"x34" SCALE: 1/16" = 1'-0"
0 16' 32' 64'
0 8' 16' 32'



2 TOWER ELEVATION (PROPOSED)
SCALE: 3/32" = 1'-0"

11"x17" SCALE: 1/32" = 1'-0"
22"x34" SCALE: 1/16" = 1'-0"
0 16' 32' 64'
0 8' 16' 32'

n e x i u s

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:

 **AT&T**
Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



DATE SIGNED: 03/17/22
 NEXIUS SOLUTIONS, INC.
 OKLAHOMA FIRM NUMBER 7540
 RENEWAL DATE 08/30/23

SITE INFORMATION:
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NICHOLS HILLS, OK 73116
 SITE COORDINATES:
35.549281° / -97.529208°

nexus

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PE RENEWAL 10/31/22 NEXIUS SOLUTIONS, INC. DATE SIGNED: 03/17/22
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

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NICHOLS HILLS, OK 73116

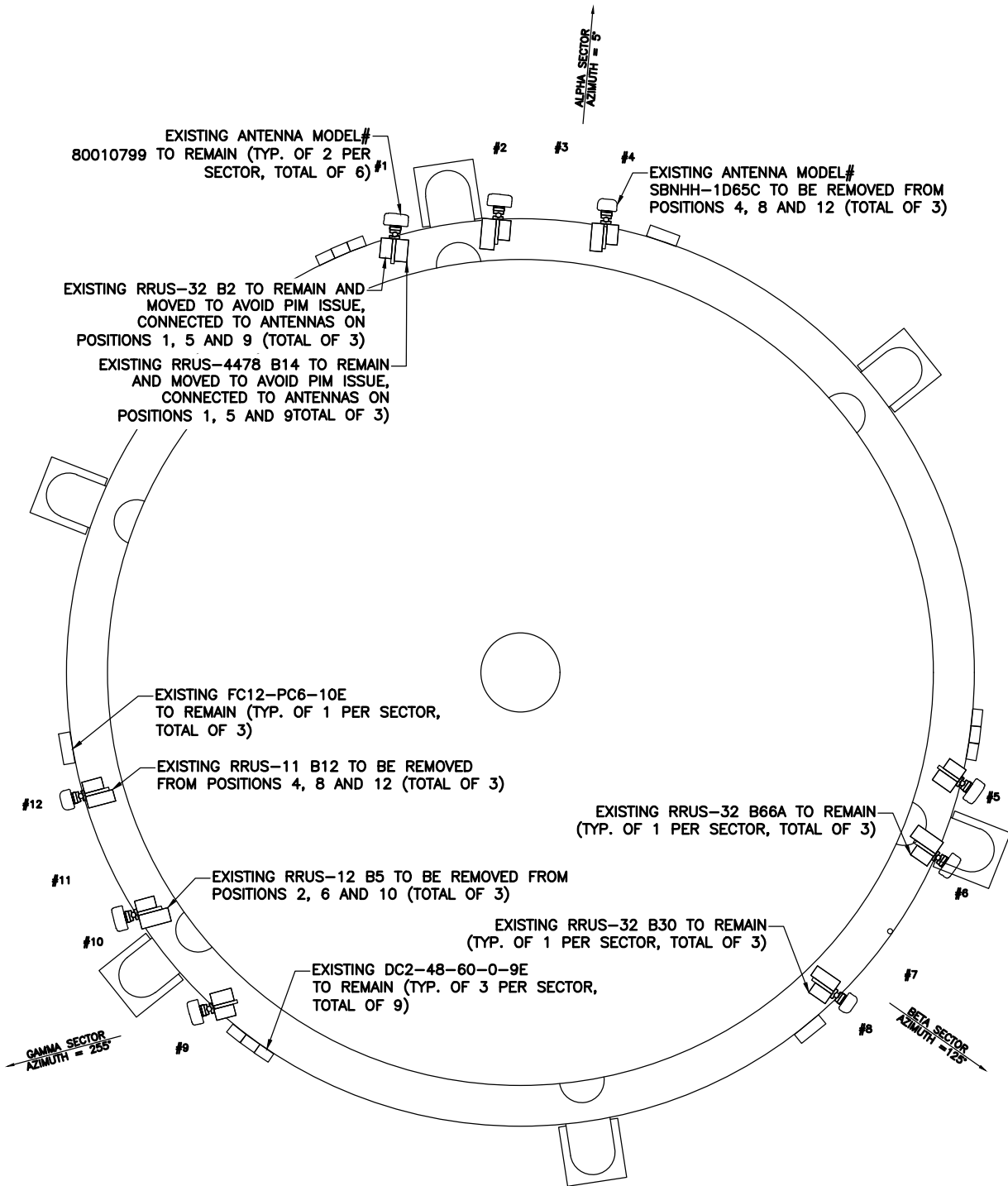
SITE COORDINATES:
35.549281° / -97.529208°

SHEET TITLE:

ANTENNA SECTOR PLAN

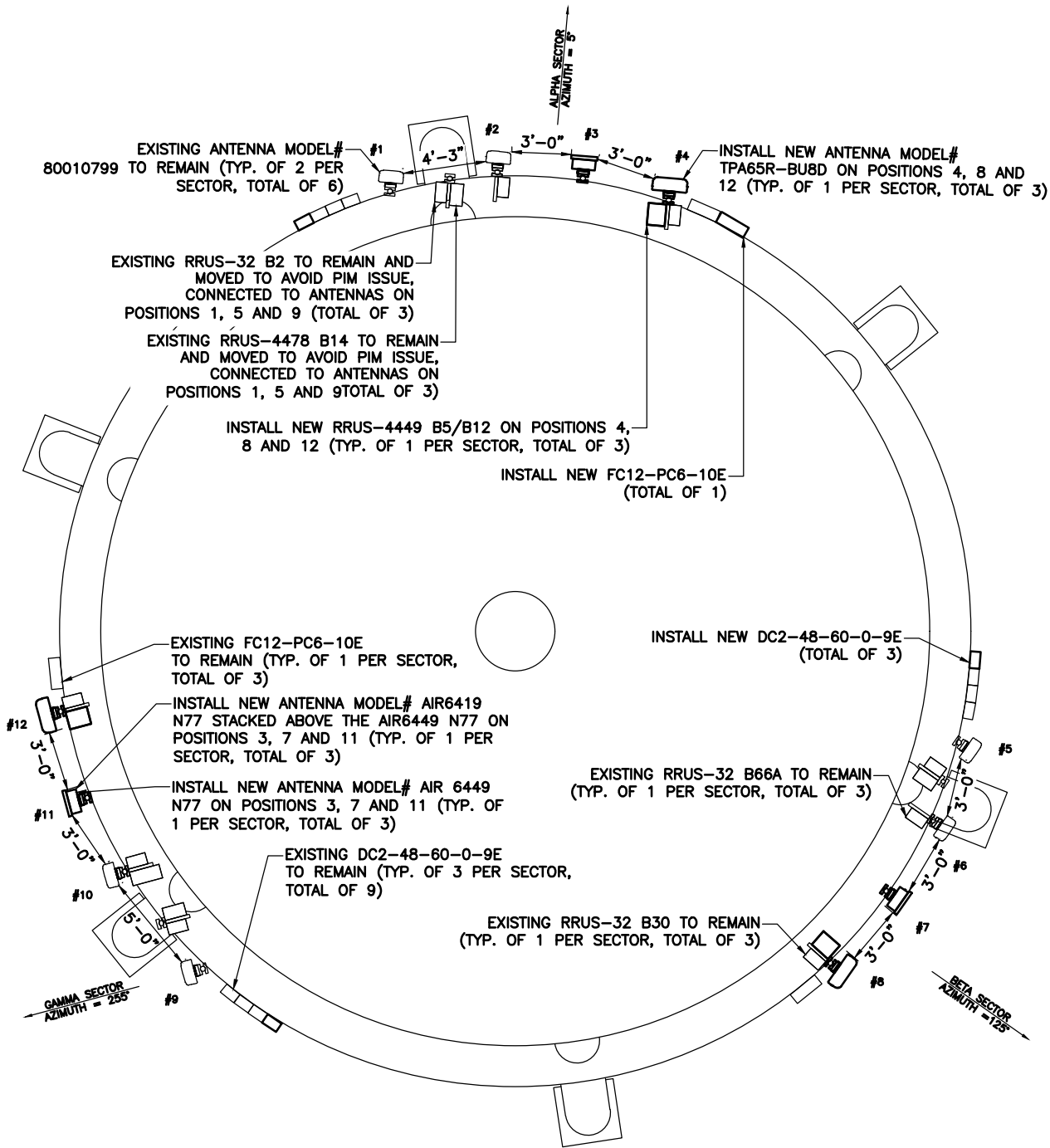
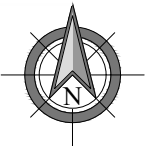
SHEET NUMBER:

RF-2



1 ANTENNA PLAN (EXISTING)
SCALE: 1/4" = 1'-0"

11"x17" SCALE: 1/8" = 1'-0"
22"x34" SCALE: 1/4" = 1'-0"
0 4' 8' 16'
0 2' 4' 8'



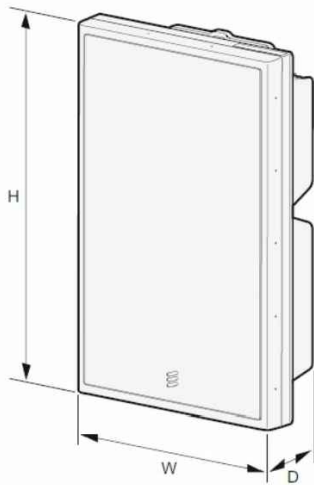
2 ANTENNA PLAN (PROPOSED)
SCALE: 1/4" = 1'-0"

11"x17" SCALE: 1/8" = 1'-0"
22"x34" SCALE: 1/4" = 1'-0"
0 4' 8' 16'
0 2' 4' 8'



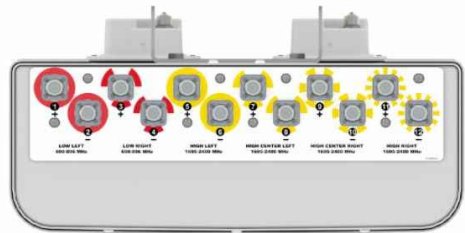
ERICSSON AIR6449	
DIMENSIONS (HxWxD)	32.24"x15.9"x8.1"
WEIGHT	73.6 lbs.

1 ERICSSON – AIR6449 N77D
N.T.S.



ERICSSON AIR6419	
DIMENSIONS (HxWxD)	32.24"x15.9"x8.1"
WEIGHT	73.6 lbs.

2 ERICSSON – AIR6419 N77G
N.T.S.



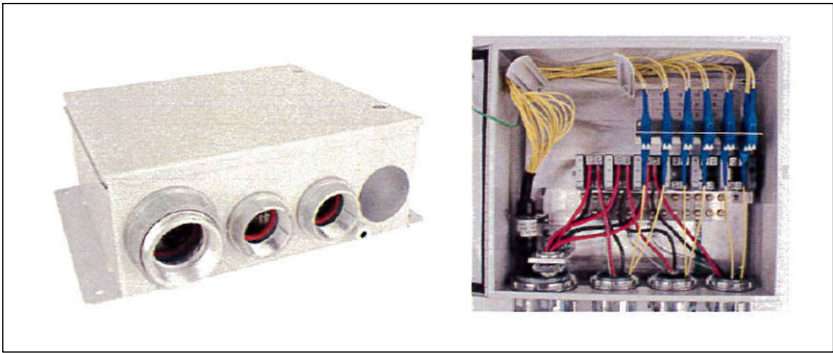
TPA45R-BU8D	
DIMENSIONS (HxWxD)	96.0"x20.7"x7.7"
WEIGHT	87.1 lbs.

3 TPA45R-BU8D
N.T.S.



ERICSSON RRUS-4449 B5 / B12	
DIMENSIONS (HxWxD)	17.9"x13.2"x9.44"
WEIGHT	71 lbs.

4 ERICSSON – RRUS-4449 B5/B12
N.T.S.



RAYCAP FC12-PC6-10E	
DIMENSIONS (HxWxD)	16.24"x15.5"x6.64"
WEIGHT	20.35 lbs.

5 RAYCAP
FC12-PC6-10E
N.T.S.



RAYCAP DC2-48-60-0-9E	
DIMENSIONS (HxWxD)	10.25"x10.25"x6.20"
WEIGHT	16 lbs.

6 RAYCAP
DC2-48-60-0-9E
N.T.S.

PREPARED BY:

nexus

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2595 NORTH DALLAS PARKWAY
SUITE 300
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1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL 10/31/22
NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23
DATE SIGNED: 03/17/22

PROJECT STATUS:

FOR CONSTRUCTION

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

PRELIMINARY: NOT FOR CONSTRUCTION

SUBMITTALS

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SITE NUMBER:
OK1085

SITE ADDRESS:
1009 NORTHWEST 75TH
NICHOLS HILLS, OK 73116

SITE COORDINATES:
35.549281° / -97.529208°

SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:

EQ-1

GENERAL CONSTRUCTION

1. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
2. GENERAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK. GENERAL CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, ORDINANCES, AND ISSUE ALL APPROPRIATE NOTICES.
4. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
5. PLANS ARE NOT TO BE SCALED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
7. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE ENGINEER PRIOR TO PROCEEDING.
8. CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.
10. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
11. WORK SHALL BE DONE IN A PROFESSIONAL MANNER BY COMPETENT EXPERIENCED PERSONNEL IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE.
12. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. CONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
13. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
14. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
15. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
16. GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND CONTRACTORS TO THE SITE AND/OR BUILDING.
17. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
18. CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF CONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
19. THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
20. THE GENERAL CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A TO 2-A:10-B:C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
21. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, COMMUNICATIONS, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO: FALL PROTECTION, CONFINED SPACE, ELECTRICAL SAFETY, AND TRENCHING / EXCAVATION.
22. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.

23. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
24. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK SHALL BE GRADED TO A UNIFORM SLOPE AND STABILIZED TO PREVENT EROSION.
25. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUNDING. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
26. THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE.
27. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE-APPROVED BY THE LOCAL JURISDICTION.
28. ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
29. ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.
30. CONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
31. NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE PROPOSED.
32. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST GROUNDING STANDARD.
33. CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
34. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER.
35. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
36. ALL CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

ANTENNA MOUNTING

1. DESIGN AND CONSTRUCTION OF ANTENNA SUPPORTS SHALL CONFORM TO CURRENT ANSI/TIA-222 OR APPLICABLE LOCAL CODES.
2. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS NOTED OTHERWISE.
3. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS NOTED OTHERWISE.
4. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
5. ALL ANTENNA MOUNTS SHALL BE INSTALLED WITH LOCK NUTS, DOUBLE NUTS AND SHALL BE TORQUED TO MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL INSTALL ANTENNA PER MANUFACTURER'S RECOMMENDATION FOR INSTALLATION AND GROUNDING.
7. PRIOR TO SETTING ANTENNA AZIMUTHS AND DOWNTILTS, ANTENNA CONTRACTOR SHALL CHECK THE ANTENNA MOUNT FOR TIGHTNESS AND ENSURE THAT THEY ARE PLUMB. ANTENNA AZIMUTHS SHALL BE SET FROM TRUE NORTH AND BE ORIENTED WITHIN +/- 5% AS DEFINED BY THE RFDS. ANTENNA DOWNTILTS SHALL BE WITHIN +/- 0.5% AS DEFINED BY THE RFDS. REFER TO ND-00246.
8. MAINTAIN A MINIMUM OF 3 FEET SEPARATION BETWEEN ALL ANTENNAS. IF 3 FEET IS NOT OBTAINABLE BETWEEN ANY OF THE ANTENNAS, NOTIFY VELEX CM FOR FURTHER DIRECTION.

TORQUE REQUIREMENTS

1. ALL RF CONNECTIONS SHALL BE TIGHTENED WITH A TORQUE WRENCH AND A TORQUE MARK INDICATED ON BOTH SIDES OF THE CONNECTION.
2. ALL GROUNDING AND ANTENNA HARDWARE SHALL ALL BE TIGHTENED WITH A TORQUE WRENCH AND A TORQUE MARK INDICATED ON THE NUT SIDE STARTING FROM THE THREADS TO THE SOLID SURFACE. TORQUE TO THE FOLLOWING VALUES:

2.1. ALL 5/16" ANTENNA HARDWARE TIGHTENED TO 9 FT-LBS.

2.2. ALL 1/2" ANTENNA HARDWARE TIGHTENED TO 43 FT-LBS.

2.3. ALL DIN-TYPE CONNECTIONS TIGHTENED TO 18-22 FT-LBS.

2.4. ALL N-TYPE CONNECTIONS TIGHTENED TO 15-20 IN-LBS.

COAXIAL CABLE NOTES

1. TYPES AND SIZES OF THE ANTENNA CABLE ARE BASED ON ESTIMATED LENGTHS. PRIOR TO ORDERING CABLE, CONTRACTOR SHALL VERIFY ACTUAL LENGTH BASED ON

CONSTRUCTION LAYOUT AND NOTIFY THE PROJECT MANAGER IF ACTUAL LENGTHS EXCEED ESTIMATED LENGTHS.

2. CONTRACTOR SHALL VERIFY THE DOWNTILTS OF EACH ANTENNA WITH A DIGITAL LEVEL.
3. CONTRACTOR SHALL CONFIRM COAX COLOR CODING PRIOR TO CONSTRUCTION. REFER TO "ANTENNA SYSTEM LABELING STANDARD" ND-00027 LATEST VERSION.
4. USE 1/2" COAX ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
5. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.
6. ALL COAXIAL CABLE SHALL BE SECURED TO THE DESIGNED SUPPORT STRUCTURE, IN AN APPROVED MANNER, AT DISTANCES NOT TO EXCEED 4'-0".
7. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS REGARDING BOTH THE INSTALLATION AND GROUNDING OF ALL COAXIAL CABLES, CONNECTORS, ANTENNAS, AND ALL OTHER EQUIPMENT.
8. ALL OUTDOOR RF CONNECTIONS SHALL BE WEATHERPROOFED USING COLD SHRINK OR HEAT SHRINK ON ALL ANTENNA AND RADIO CONNECTIONS,

GENERAL CABLE AND EQUIPMENT NOTES

1. PRIOR TO INSTALLATION CONTRACTOR SHALL VERIFY MAKE AND MODEL OF ANTENNA, DIPLEXERS, AND COAX CONFIGURATION.
2. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC. SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. CONTRACTOR SHALL REFERENCE THE STRUCTURAL ANALYSIS/DESIGN DRAWINGS FOR DIRECTIONS ON CABLE DISTRIBUTION/ROUTING.
4. IF REQUIRED TO PAINT ANTENNAS AND/OR COAX:

4.1. TEMPERATURE SHALL BE ABOVE 50° F.

4.2. PAINT COLOR MUST BE APPROVED BY BUILDING OWNER/LANDLORD.

4.3. FOR REGULATED TOWERS, FAA/FCC APPROVED PAINT IS REQUIRED.

4.4. DO NOT PAINT OVER COLOR CODING OR ON EQUIPMENT MODEL NUMBERS.
5. ALL PROPOSED GROUND BAR DOWNLEADS ARE TO BE TERMINATED TO THE EXISTING ADJACENT GROUND BAR DOWNLEADS A MINIMUM DISTANCE OF 4'-0" BELOW GROUND BAR. TERMINATIONS MAY BE EXOTHERMIC OR COMPRESSION.
6. NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2".

PREPARED BY:

9.a.a

nexius

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T

Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL 10/31/22 NEXIUS SOLUTIONS, INC. DATE SIGNED: 03/17/22
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

PROJECT STATUS:

FOR CONSTRUCTION

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

PRELIMINARY: NOT FOR CONSTRUCTION

SUBMITTALS

REV	DATE	DESCRIPTION	BY
A	01/20/22	CD FOR REVIEW	JF
0	03/17/22	FINAL CD	JF

SITE INFORMATION:

SITE NAME:
NICHOLS HILLS
SITE NUMBER:
OK1085
SITE ADDRESS:
1009 NORTHWEST 75TH
NICHOLS HILLS, OK 73116
SITE COORDINATES:
35.549281° / -97.529208°

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-1

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



March 11, 2022

Hazel Mauro
Nexus Solutions, INC
1025 South Beltline Rd.,
Coppell, TX 75019
(913) 710-3999

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
towersupport@btgrp.com

Subject:	Water Tower Structural Letter		
Carrier Designation:	Site Number:	10000548	
	Site Name:	Nichols Hills	
Engineering Firm Designation:	B+T Group Project Number:	160843.002.01	
Site Data:	1009 Northwest 75th, Nichols Hills, OK, 73116, Oklahoma County		
	Latitude 35.54928°, Longitude -97.52920°		
	Water Tank		

Dear Ms. Mauro,

B+T Group is pleased to submit this “**Structural Letter**” to determine the structural integrity of the above-mentioned water tower supported telecommunications site.

The purpose of the assessment is to determine acceptability of the water tower to sufficiently support the telecommunications equipment presented in this report. Based on our professional opinion we have determined the suitability for the structure, under the following load case, to be:

Existing + Proposed Equipment

Note: See Table 1 for the proposed and existing loading.

Sufficient Capacity

The assessment has been performed in accordance with the ASCE 7 standard and the 2018 International Building Code.

All equipment proposed in this report shall be installed in accordance with the drawings for the determined available structural capacity to be effective.

We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Nexus Solutions, INC. If you have any questions or need further assistance on this or any other projects, please give us a call.

Structural Letter prepared by: Joseph Variamparampil

Respectfully submitted by: B&T Engineering, Inc.
COA: CA 3590 (PE) Expires: 06/30/2022

Brad R. Milanowski, P.E.



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1) INTRODUCTION

The proposed telecommunications equipment will be located on the water tower at 1009 Northwest 75th, Nichols Hills, OK, 73116, Oklahoma County. There are existing telecommunications antennas mounted on the water tower. The proposed antenna loading information was obtained from Nexus Solutions, INC. All information provided to B+T Group was assumed accurate and complete.

2) ASSESSMENT CRITERIA

The structural assessment was performed for this structure in accordance with the 2018 International Building Code and the ASCE 7 Design Standard. The TIA-222-H apply to telecommunications towers. Although telecommunications equipment is present, this structure is primarily a water tower and is more appropriately assessed with the ASCE 7 Standard.

Table 1 – Proposed and Existing Equipment Information

Loading	RAD Center Elev. (ft.)	Position	Qty.	Manufacturer	Model / Type	Note
Proposed	129	3	3	Ericsson	AIR6449 B77D	1
		3	3	Ericsson	AIR6419 B77G	
		4	3	CCI	TPA65R-BU8D	
		4	3	Ericsson	4449 B5/B12	2
		-	3	Raycap	DC2-48-60-0-9E	3
		-	1	Raycap	FC12-PC6-10E	
Existing	129	1,2	6	Kathrein	80010799	4
		-	3	Ericsson	4478 B14	5
		-	3	Ericsson	RRUS-32 B2	
		2	3	Ericsson	RRUS-32 B66A	
		4	3	Ericsson	RRUS-32 B30	
		-	3	Raycap	FC12-PC6-10E	6
		-	9	Raycap	DC2-48-60-0-9E	

Note:

- (1) Proposed Antenna to be installed on the existing Mount Pipe.
- (2) Proposed Equipment to be installed side by side with RRUS Support, directly behind the Antenna.
- (3) Proposed Equipment installed on the railing.
- (4) Existing Antenna to be installed on the existing Mount Pipe.
- (5) Existing Equipment to be installed side by side with RRUS Support, directly behind the Antenna.
- (6) Existing Equipment installed on the railing.

Table 2 - Documents Provided

Documents	Remarks	Reference	Source
RFDS	Existing Loading Proposed Loading	Date: 12/27/2021	Nexus Solutions, INC.
CD's by Nexus		Date: 01/20/2022	
Mount Mapping	B+T Group	Date: 07/22/2016	On File
Mount Modification		Date: 11/11/2016	
Mount Analysis		Date: 02/24/2022	

3) ASSESSMENT PROCEDURE

3.1) Assessment Method

This water tower is a substantial structure designed and fabricated to support thousands of gallons of water in addition to its own self weight. The nature and intended purpose of the structure is substantially greater than the addition of the telecommunication equipment. The proposed equipment will be installed on mount pipes on the Catwalk. The mount analysis was not performed as part of the report. The additional weight from the proposed loading is approximately 257 lbs per sector. For wind loads, the additional area exposed to the wind for the proposed loading is 22 sq. ft. per sector. The increase in weight and area exposed to wind is negligible and will not have a significant impact on the structural integrity of the Water tower.

3.2) Assumptions

- 1) The structure was built in accordance with the designer's specifications.
- 2) The structure has been maintained and is free of damage.
- 3) The configuration of antennas, mounts and other appurtenances are as specified in Table 1 and the referenced drawings.
- 4) All mount components have been assumed to be in sufficient condition to carry their full design capacity for the assessment.
- 5) All prior structural modifications if any are assumed to be correctly installed and fully effective.

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the antenna mounting system.

4) ASSESSMENT RESULTS

4.1) Recommendations

- 1) The proposed equipment shall be installed on the mounts in accordance with the installation drawings.

**OKL01085 / NICHOLS HILLS / 5G NR 1SR Cband
Scope of Work**

Narrative of the SOW

Alpha, Beta, Gamma:

Remove 1x existing RRUS-12 B5 from POS2.

Remove 1x existing SBNHH-1D65C antenna from POS4.

Remove 1x existing RRUS-11 B12 from POS4.

Remount 1x existing RRUS-32 B30 (LTE 2300) on POS4 mounted on a new dual bracket. Connect ports to antenna on POS4.

Add 1x new AIR6449 N77D and 1x new AIR6419 N77G on POS3 mounted above each other stacked.

Add 1x new TPA65R-BU8D antenna on POS4 mounted on an existing pipe.

Add 1x new RRUS-4449 B5/B12 (LTE 700, LTE 850) mounted back-to-back with RRUS-32 B30.

Add 1x new DC2 per sector. Add 1x new FC12, add 2x new 6AWG6 DC Trunks.

Use existing Fiber Trunks.

Equipment	Height	Width	Depth	Weight	Status	Quantity
Kathrein 80010799	106"	14.8"	6.7"	108lbs	Current, to remain	6
Commscope SBNHH-1D65C	96"	11.9"	7.1"	49.6lbs	Current, to be removed	3
4478 B14	15"	13.2"	7.3"	59.4lbs	Current, to remain	3
RRUS-32 B2	27.2"	12.1"	7.0"	53lbs	Current, to remain	3
RRUS-12 B5	20.39"	18.5"	7.36"	49.38lbs	Current, to be removed	3
RRUS-32 B66A	27.2"	12.1"	7.0"	53lbs	Current, to remain	3
RRUS-11 B12	19.68"	16.96"	7.1"	55lbs	Current, to be removed	3
RRUS-32 B30	27.2"	12.1"	7.0"	53lbs	Current, to remain	3
Ericsson AIR6449 B77D + AIR6419 B77G	72"	15.9"	8.1"	147.7lbs	Proposed	3
4449 B5/B12	17.9"	13.19"	9.44"	71lbs	Proposed	3
CCI TPA65R-BU8D	96"	21"	7.8"	82.5lbs	Proposed	3

Larry Stein Oklahoma County Assessor's Office



Ownership Radius Report

This Official Report is for Account Number R073698400 and is a 300-foot radius from the outside of the polygon. If the minimum number of different owners was not reached it was extended by 100-foot increments until the required number of different owners was reached, or the maximum distance was reached. This report does not constitute a legal survey or document, for definitive description of real property and ownership; consult the deeds recorded in the Oklahoma County Clerks Office. **Official Record of this Certified Radius Report will expire 30 days from the date of creation stamped on the back of this sheet.**

STATE OF OKLAHOMA } ss:
COUNTY OF OKLAHOMA }

I, the duly elected, qualified and acting
County Assessor, in and for the County
and State aforesaid, do hereby certify that
the within and foregoing is a full, true and
complete copy of 300ft Radius
filed in the office of the County Assessor
on the 18 day of July, 2022
Given under my hand and official seal this
18 day of July, 2022

County Assessor

Deputy

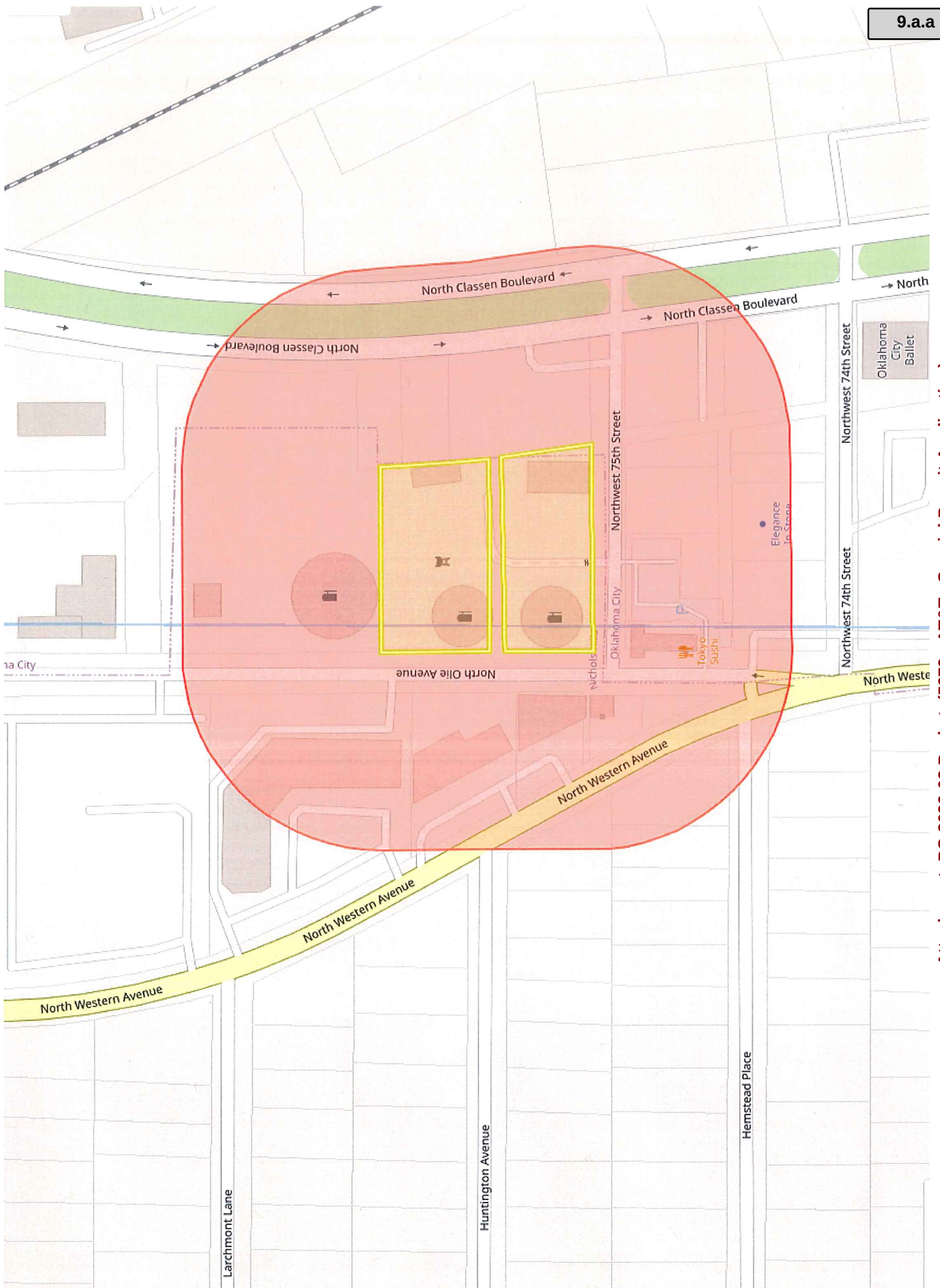
Oklahoma County Assessor's
300ft Radius Report
7/18/2022

accountno	name1	name2	mailingaddress1	Shape	city	state	zipcode	subname	block	lot	legal	location
R169571296	JENNINGS THADEUS S & CAROL R TRS	JENNINGS THADEUS & CAROL REV LIV TRUST	18266 CARLTON WAY		EDMOND	OK	73012-9219	NICHOLS HILLS ADD	012	001	NICHOLS HILLS ADD 012 001 COLONIAL HEIGHTS ADD 012 000 W15FT OF LOT 21 & ALL OF LOTS 22 THRU 26	1100 HEMSTEAD PL NICHOLS HILLS 7500 N WESTERN AVE, Unit A OKLAHOMA CITY
R073697200	OKLAHOMA HUMANE SOCIETY		PO BOX 18471		OKLAHOMA CITY	OK	73154-0471	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 LOTS 17 THRU 21 EX W15FT OF LOT 21	919 NW 74TH ST OKLAHOMA CITY
R073697100	THORNHILL GORDON SUC TRS STANDARD	THORNHILL CECIL & BERNITA TRUST	2501 CROSSING DR		EDMOND	OK	73013	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 W19FT OF LOT 15 & ALL LOT 16	905 NW 74TH ST OKLAHOMA CITY
R073696710	PRINTING INC MUSGRAVE		905 NW 74TH ST 4200 ROCK CANYON RD		OKLAHOMA CITY	OK	73116-7046	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 LOTS 13 & 14 & E6.3FT OF LOT 15	901 NW 74TH ST OKLAHOMA CITY
R073696705	PROPERTIES LLC				EDMOND	OK	73025-2935	HEIGHTS ADD	012	000		
R073696700	MUSGRAVE PROPERTIES LLC		4200 ROCK CANYON RD		EDMOND	OK	73025-2935	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 LOTS 7 THRU 12	7500 N CLASSEN BLVD OKLAHOMA CITY
R169793028	BANK OF OKLAHOMA NA	ATTN PROPERTY TAX ADMIN	PO BOX 2300		TULSA	OK	74192	UNPLTD PT SEC 05 12N 3W	000	000	UNPLTD PT SEC 05 12N 3W 000 000 PT NE4 SEC 5 12N 3W BEG 33FT W OF ELY R/W LINE WESTERN AVE & N R/W LINE HEMSTEAD PL TH NWLY ALONG E R/W LINE 133.71FT TH E52.34FT S123FT TO BEG	0 UNKNOWN NICHOLS HILLS
R073697400	MOON LAKE INC TIMBERLAKE		7516 N WESTERN AVE		OKLAHOMA CITY	OK	73116	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 LOTS 27 THRU 33	7512 N WESTERN AVE OKLAHOMA CITY
R073697600	CONSTN CO INC		PO BOX 18297		OKLAHOMA CITY	OK	73154-0297	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 LOTS 34 THRU 37	914 NW 75TH ST OKLAHOMA CITY
R073697700	MANSFIELD INVESTMENTS LLC		7521 N CLASSEN BLVD		OKLAHOMA CITY	OK	73116-7057	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 LOTS 38 & 39 PLUS PT OF N&S ALLEY & E&W ALLEY BEG NE/C LT 39 TH ELY20.19FT SELY TO SW/C LT 6 WLY87.64FT NLY10FT TO SW/C LT 38 TH ELY66.12FT TO SE/C LT 39 TH NWLY141.38FT T	906 NW 75TH ST OKLAHOMA CITY
R073696400	MANSFIELD INVESTMENTS LLC		7521 N CLASSEN BLVD		OKLAHOMA CITY	OK	73116-7057	COLONIAL HEIGHTS ADD	012	000	COLONIAL HEIGHTS ADD 012 000 LOTS 1 THRU 6	7521 N CLASSEN BLVD OKLAHOMA CITY
R169571738	BILLMAN KENDALL	BILLMAN JENNIFER	1103 HEMSTEAD PL		NICHOLS HILLS	OK	73116-6210	NICHOLS HILLS ADD	013	000	NICHOLS HILLS ADD 013 000 ALL OF LOT 28 & PT OF LOT 29 BEG SW/C LT 29 TH N165FT E2.16FT SLY165FT W1.61FT TO BEG	1103 HEMSTEAD PL NICHOLS HILLS
R169571740	SMITH BRETT M		1101 HEMSTEAD PL		NICHOLS HILLS	OK	73116	NICHOLS HILLS ADD	013	000	NICHOLS HILLS ADD 013 000 LOT 29 EX A TR BEG SW/C LT 29 TH N165FT E2.16FT SLY165FT W1.61FT TO BEG	1101 HEMSTEAD PL NICHOLS HILLS

R169793025	AZ RX REAL ESTATE LLC	1905 DANFIELD DR				NORMAN	OK	73072	UNPLTD PT SEC 05 12N 3W	000	000	UNPLTD PT SEC 05 12N 3W BLK 000 LOT 000 PT NE4 SEC 5 12N 3W BEG 33FT W & 123FT N OF ELY R/W LINE WESTERN AVE & N LINE HEMSTEAD PL TH N80FT W96.80FT SE ON A CURVE 91.80FT E52.34FT TO BEG	7600 N WESTERN AVE NICHOLS HILLS
R169793030	AZ RX REAL ESTATE LLC	1905 DANFIELD DR				NORMAN	OK	73072	UNPLTD PT SEC 05 12N 3W	000	000	UNPLTD PT SEC 05 12N 3W 000 000 PT NE4 SEC 5 12N 3W BEG 203FT N OF INTER ELY R/W LINE WESTERN AV & N R/W LINE HEMSTEAD PL EXTENDED TH W96.8FT NWL10.62FT E101.66FT S9.85FT TO BEG	7600 N WESTERN AVE NICHOLS HILLS
R216091310	BURLINGTON CROSSING LLC	9120 N KELLEY AVE STE 100				OKLAHOMA CITY	OK	73131-2440	WILSHIRE POINT	005	006	WILSHIRE POINT BLK 005 LOT 006	7500 N CLASSEN BLVD OKLAHOMA CITY
R169792990	76NWESTERN LLC	PO BOX 75896				OKLAHOMA CITY	OK	73147-0896	UNPLTD PT SEC 05 12N 3W	000	000	UNPLTD PT SEC 05 12N 3W 000 000 PT NE4 SEC 5 12N 3W BEG 33FT W & 314.13FT N INTER ELY R/W WESTERN AV & N R/W HEMSTEAD PL EXT TH W154.03FT SLY 114.38FT E101.66FT N101.28FT TO BEG	7602 N WESTERN AVE NICHOLS HILLS
R169571540	WEHBA DEBRA L REV TRUST	1100 HUNTINGTON AVE				NICHOLS HILLS	OK	73116-6213	NICHOLS HILLS ADD	013	001	NICHOLS HILLS ADD 013 001 COLONIAL HEIGHTS ADD 013 000 LOTS 13 THRU 35 PLUS S33FT OF VACATED 76TH STREET ADJ LOTS 25 THRU 35 ON N & THAT PORTION OF WLY HALF OF VACATED ALLEY EXTENDING NLY & SLY ADJ TO E LINE LOT 35	1100 HUNTINGTON AVE NICHOLS HILLS
R073698400	CITY OF NICHOLS HILLS	6407 AVONDALE DR				NICHOLS HILLS	OK	73116-6431	COLONIAL HEIGHTS ADD	013	000	COLONIAL HEIGHTS ADD 013 000 LOTS 4 THRU 12 PLUS 20FT OF VACATED ALLEY ADJ ON W	1009 NW 75TH ST OKLAHOMA CITY
R073697900	NIGHTHAWK INVESTMENTS LLC	7613 N CLASSEN BLVD				OKLAHOMA CITY	OK	73116-7009	COLONIAL HEIGHTS ADD	013	000	COLONIAL HEIGHTS ADD 013 000 LOTS 4 THRU 12 PLUS 20FT OF VACATED ALLEY ADJ ON W	7613 N CLASSEN BLVD OKLAHOMA CITY
R169792995	HINTON NORMA J & JAMES A TRS	6913 N WATERWOOD WAY				WARR ACRES	OK	73132-6528	UNPLTD PT SEC 05 12N 3W	000	000	UNPLTD PT SEC 05 12N 3W 000 000 PT NE4 SEC 5 12N 3W BEG 314.13FT N OF INTERS OF ELY R/W WESTERN AVE & N R/W OF HEMSTEAD PL EXT TH W154.03FT NWLY 171.77FT E237.90FT S150FT TO BEG KNOWN AS TR 1 CONT .67	7612 N WESTERN AVE NICHOLS HILLS
R073697800	NIGHTHAWK INVESTMENTS LLC	7613 N CLASSEN BLVD				OKLAHOMA CITY	OK	73116-7009	COLONIAL HEIGHTS ADD	013	000	COLONIAL HEIGHTS ADD 013 000 LOTS 1 THRU 3 PLUS 20FT OF VACATED ALLEY ADJ ON W PLUS S33FT OF VACATED 76TH STREET ADJ SD PROPERTY ON N	7615 N CLASSEN BLVD OKLAHOMA CITY

Oklahoma County Assessor's
300ft Radius Report
7/18/2022

R073698400	CITY OF NICHOLS HILLS		6407 AVONDALE DR		NICHOLS HILLS	OK	73116-6431	COLONIAL HEIGHTS ADD 013	000	COLONIAL HEIGHTS ADD 013 000 LOTS 13 THRU 35 PLUS S33FT OF VACATED 76TH STREET ADJ LOTS 25 THRU 35 ON N & THAT PORTION OF WLY HALF OF VACATED ALLEY EXTENDING NLY & SLY ADJ TO E LINE LOT 35	1009 NW 75TH ST OKLAHOMA CITY
R216091320	BURLINGTON CROSSING LLC		9120 N KELLEY AVE STE 100		OKLAHOMA CITY	OK	73131-2440	WILSHIRE POINT	005	WILSHIRE POINT BLK 005 LOT 007	7600 N CLASSEN BLVD OKLAHOMA CITY
R169792930	WILSHIRE VILLAGE LLC	C/O S N SCOTT SAMARA	7220 N COUNTRY CLUB DR		OKLAHOMA CITY	OK	73116-4314	UNPLTD PT SEC 05 12N 3W	000	UNPLTD PT SEC 05 12N 3W 000 000 PT NE4 SEC 5 12N 3W BEG INTERSECTION OF E LINE WESTERN AVE & N LINE LARCHMONT LN IF EXTENDED TH SELY 327.7FT E237.9FT N299.94FT W372.26FT TO BEG	7632 N WESTERN AVE NICHOLS HILLS
R073699100	CITY OF NICHOLS HILLS		6407 AVONDALE DR		NICHOLS HILLS	OK	73116-6431	COLONIAL HEIGHTS ADD 000	000	COLONIAL HEIGHTS ADD 000 000 ALL OF LOTS 1 THRU 10 BLK 14 PLUS VAC N33FT OF 76TH ST ADJ TO LOT 9 ON S & LOTS 1 THRU 4 BLK 15 & THAT PT OF UNNAMED ST BEG AT SE/C OF LOT 1 TH E50FT N300FT TO NW/C OF LOT	7701 N CLASSEN BLVD OKLAHOMA CITY
R169793005	TG NHOB LLC		PO BOX 4088		EDMOND	OK	73083-4088	UNPLTD PT SEC 05 12N 3W	00F	UNPLTD PT SEC 05 12N 3W 00F 000 PT NE4 SEC 5 12N 3W BEG 33FT S & 33FT W NE/C SD SEC 5 TH W440.31FT SELY 333.10FT E386.63FT TO A POINT 33FT W OF E LINE SD SEC 5 N329.15FT TO BEG CONT 3.11ACRS MORE	1000 W WILSHIRE BLVD, Unit 121A NICHOLS HILLS





February 24, 2022

Hazel Mauro
Nexius Solutions, INC
1025 South Beltline Rd.,
Coppell, TX 75019
(913) 710-3999

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
towersupport@btgrp.com

Subject:	Appurtenance Mount Analysis Report		
Carrier Designation:	Site Number:	10000548	
	Site Name:	Nichols Hills	
Engineering Firm Designation:	B+T Group Project Number:	160843.001.01	
Site Data:	1009 Northwest 75th, Nichols Hills, OK, 73116, Oklahoma County Latitude 35.54928°, Longitude -97.52920° Water Tank Catwalk Mount		

Dear Ms. Mauro,

B+T Group is pleased to submit this “**Appurtenance Mount Analysis Report**” to determine the structural integrity of the antenna mount on the above-mentioned structure.

The purpose of the analysis is to determine acceptability of the mount’s stress level. Based on our analysis we have determined the stress level for the mount under the following load case to be:

Existing + Proposed Equipment

Note: See Table 1 for the final loading configuration

Sufficient Capacity
(Passing at 62.2%)

This analysis has been performed in accordance with the ANSI/TIA-222-H Standard.

All the equipment proposed in this report shall be installed in accordance with the drawings for the determined available structural capacity to be effective.

We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Nexius Solutions, INC. If you have any questions or need further assistance on this or any other projects, please give us a call.

Mount structural analysis prepared by: Erika Ruiz

Respectfully submitted by: B&T Engineering, Inc.
COA: CA 3590 (PE) Expires: 06/30/2022



Brad R. Milanowski, P.E.

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5) RECOMMENDATIONS

6) APPENDIX A

RISA-3D Output

7) APPENDIX B

Additional Calculations

1) INTRODUCTION

The appurtenance mount consists of Catwalk Mounts at 126 ft., attached to water tank at 1009 Northwest 75th, Nichols Hills, OK, 73116, Oklahoma County. The proposed antenna loading information was obtained from Nexus Solutions, INC. All information provided to B+T Group was assumed accurate and complete.

2) ANALYSIS CRITERIA

The structural analysis was performed for this mount in accordance with the ANSI/TIA-222-H-2017 Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures using a 3-second gust wind speed of 109 mph with no ice and 40 mph with 1.5 inch escalated ice thickness. Exposure Category C, Topographic Category 1 and Risk Category II were used in this analysis. In addition, the Catwalk mount has been analyzed for various live loading conditions consisting of a 0-lb man live load applied individually at the midpoint and cantilevered ends of horizontal members as well as a 0-pound man live load applied individually at mount pipe locations using a 3-second gust of 30mph. The mount was analyzed under 30° increments in the wind direction. The analyzed loading is detailed in Table 1.

Table 1 – Proposed and Existing Equipment Information

Loading	RAD Center Elev. (ft.)	Position	Qty.	Manufacturer	Model / Type	Note
Proposed	129	3	3	Ericsson	AIR6449 B77D	1
		3	3	Ericsson	AIR6419 B77G	
		4	3	CCI	TPA65R-BU8D	
		4	3	Ericsson	4449 B5/B12	2
		-	3	Raycap	DC2-48-60-0-9E	3
		-	1	Raycap	FC12-PC6-10E	
Existing	129	1,2	6	Kathrein	80010799	4
		-	3	Ericsson	4478 B14	5
		-	3	Ericsson	RRUS-32 B2	
		2	3	Ericsson	RRUS-32 B66A	
		4	3	Ericsson	RRUS-32 B30	
		-	3	Raycap	FC12-PC6-10E	6
		-	9	Raycap	DC2-48-60-0-9E	

Note:

- (1) Proposed Antenna to be installed on the existing Mount Pipe.
- (2) Proposed Equipment to be installed side by side with RRUS Support, directly behind the Antenna.
- (3) Proposed Equipment installed on the railing.
- (4) Existing Antenna to be installed on the existing Mount Pipe.
- (5) Existing Equipment to be installed side by side with RRUS Support, directly behind the Antenna.
- (6) Existing Equipment installed on the railing.

Table 2 - Documents Provided

Documents	Remarks	Reference	Source
RFDS	Existing Loading Proposed Loading	Date:12/27/2021	Nexus Solutions, INC.
CD's by Nexus		Date: 01/20/2022	
Mount Mapping	B+T Group	Date: 07/22/2016	On File
Mount Modification		Date: 11/11/2016	

3) ANALYSIS PROCEDURE

3.1) Analysis Method

RISA-3D (Version 19.0.4), a commercially available analysis software package, was used to create a three-dimensional model of the mount and calculate member stresses and deflections for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1. The mount was built in accordance with the manufacturer's specifications.
2. The mount has been maintained in accordance with the manufacturer's specifications and is free of damage.
3. The configuration of antennas and other appurtenances are as specified in Table 1.
4. All mount components have been assumed to be in sufficient condition to carry their full design capacity for the analysis.
5. Mount areas and weights are determined from field measurements, standard material properties, and/or manufacturer product data.

The following assumptions have been included in the analysis of the mount

Component	Section	Length	Note
Proposed Mount Pipes for new Antenna	2" Std. Pipe	10'-0"	Position 3, All Sectors
Proposed Mount Pipes	2" Std. Pipe	4'-0"	-

6. Serviceability with respect to antenna twist, tilt, roll or lateral translation is not checked and is left to the carrier or tower owner to ensure conformance.
7. All prior structural modifications, if any are assumed to be correctly installed and fully effective.
8. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
9. The following material grades were assumed (Unless Noted Otherwise):
 - a) Connection Bolts : ASTM A325
 - b) Steel Pipe : ASTM A53 (GR. 35)
 - c) HSS (Round) : ASTM 500 (GR. B-42)
 - d) HSS (Rectangular) : ASTM 500 (GR. B-46)
 - e) Channel : ASTM A36 (GR. 36)
 - f) Steel Solid Rod : ASTM A36 (GR. 36)
 - g) Steel Plate : ASTM A36 (GR. 36)
 - h) Steel Angle : ASTM A36 (GR. 36)
 - i) UNISTRUT : ASTM A570 (GR. 33)

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the antenna mounting system.

4) ANALYSIS RESULTS

Table 3 – Mount Component Stresses vs. Capacity

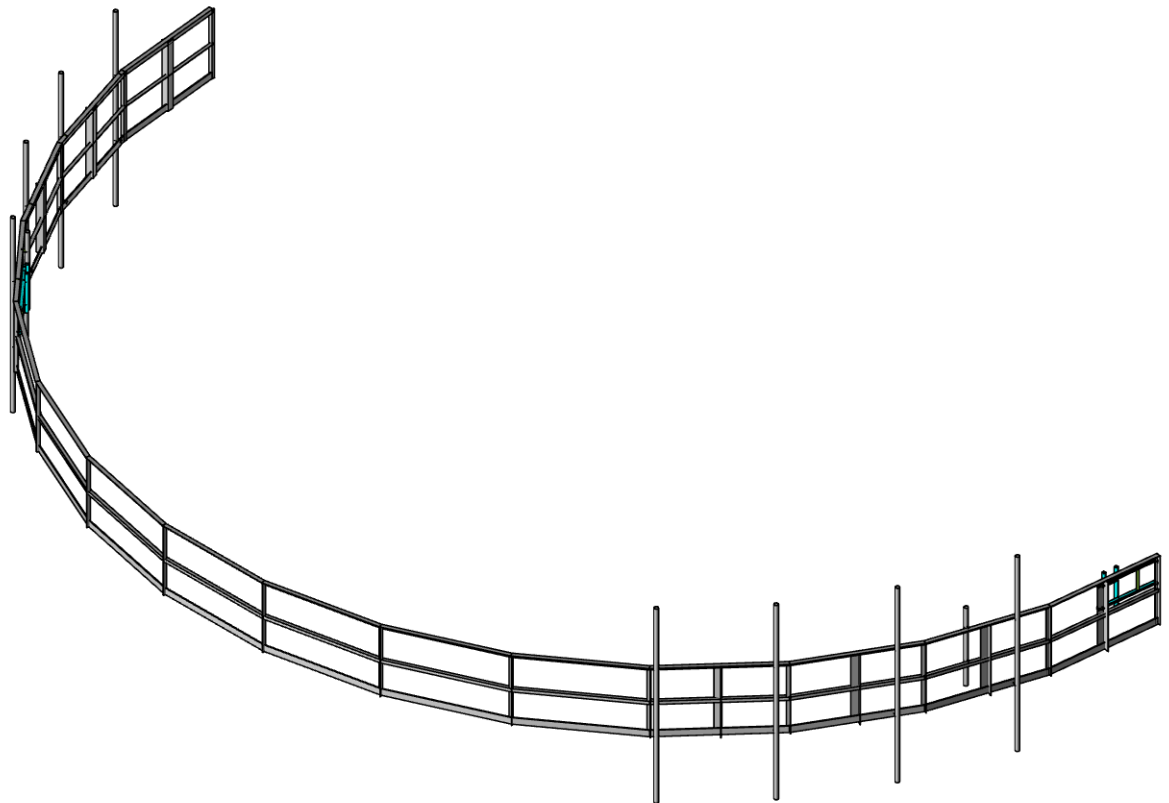
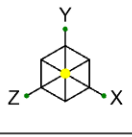
Notes	Component	Elevation (ft.)	% Capacity	Pass / Fail
-	Top Rails	126	56.7	Pass
-	Mid Rails	126	31.7	Pass
-	Vertical Angles	126	62.2	Pass
-	Connection Plates	126	40.5	Pass
-	Mount Pipes	126	53.0	Pass
-	Unistruts	126	50.5	Pass
-	Connection Bolts	-	53.4	Pass

5) RECOMMENDATIONS

The mount has sufficient capacity to carry the existing and proposed loads and is in compliance with the ANSI/TIA-222-H standard for the proposed and existing loading. (Refer to the RISA output for the specific members).

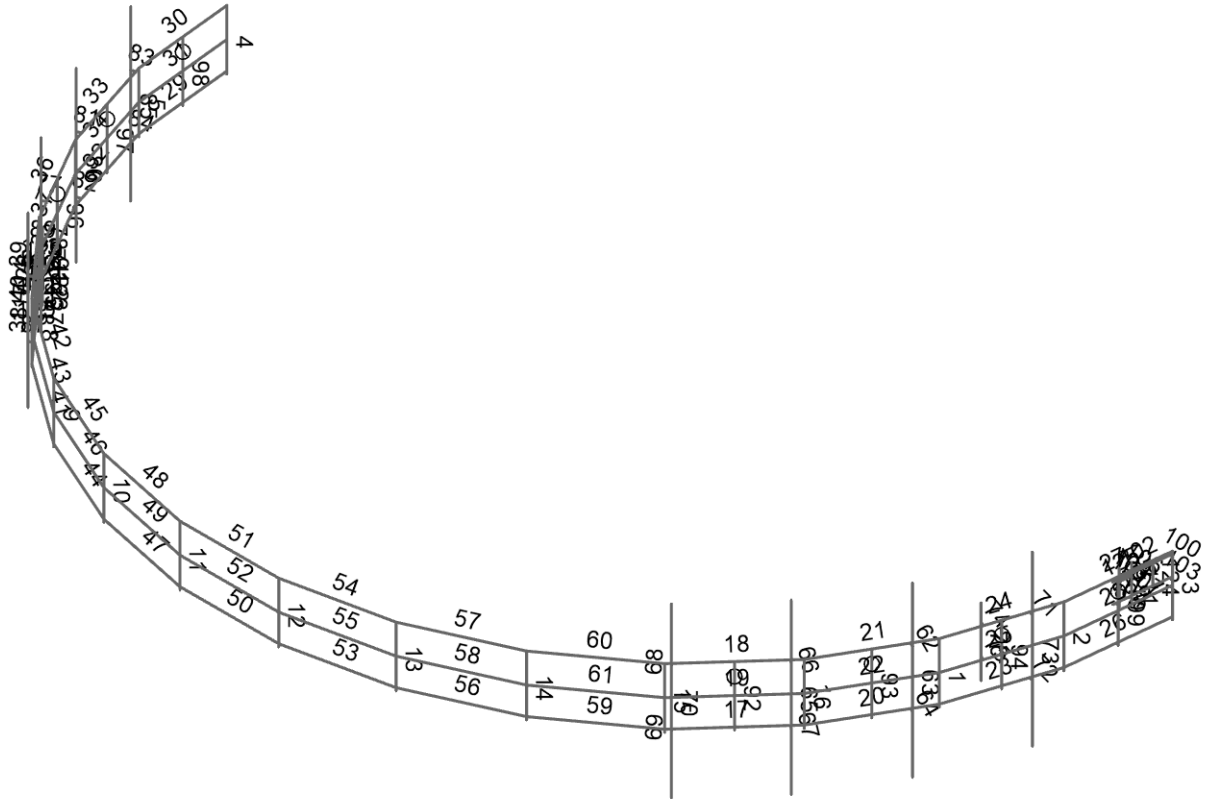
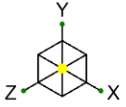
APPENDIX A

(RISA-3D Output)



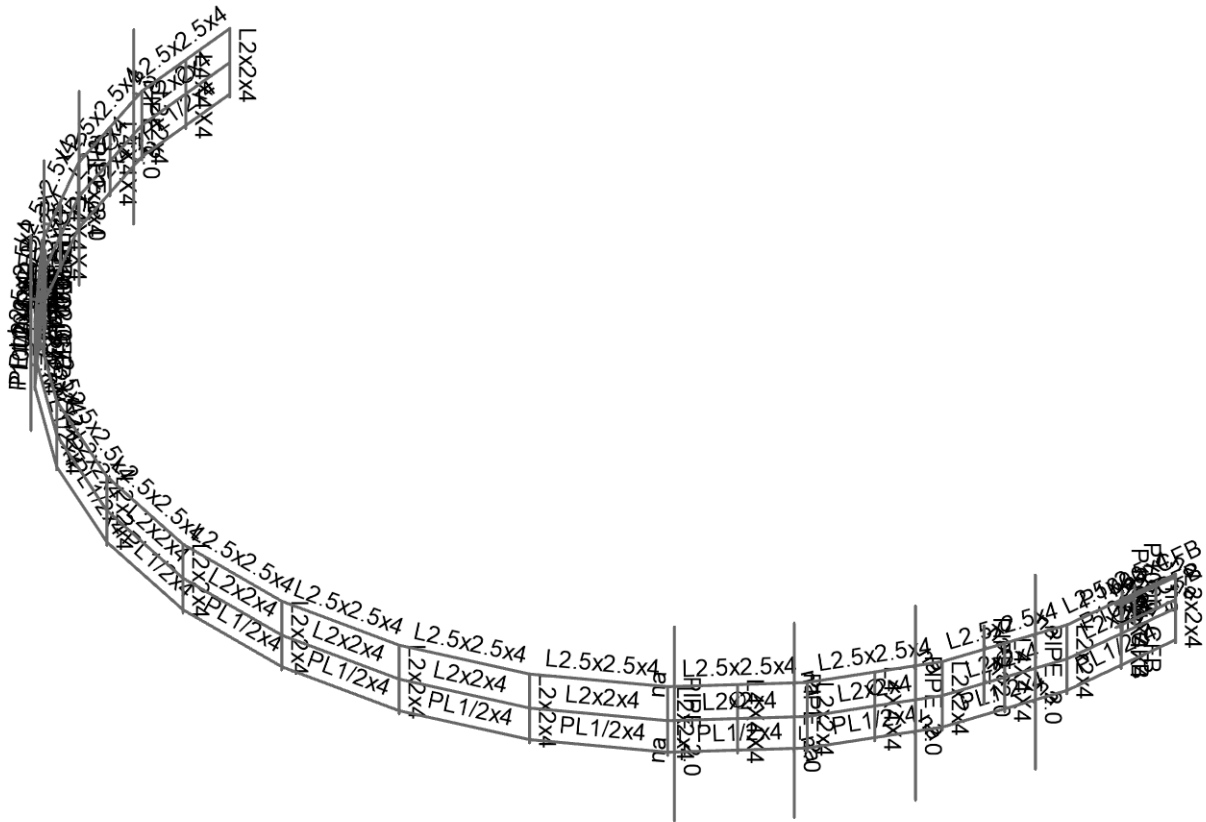
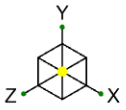
Envelope Only Solution

B+T Group	10000548 - Nichols Hills	SK-1
MP		Feb 23, 2022
160843.001.01		160843_001_01_Nichols Hills_OK...



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B+T Group	10000548 - Nichols Hills	SK-2
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MP

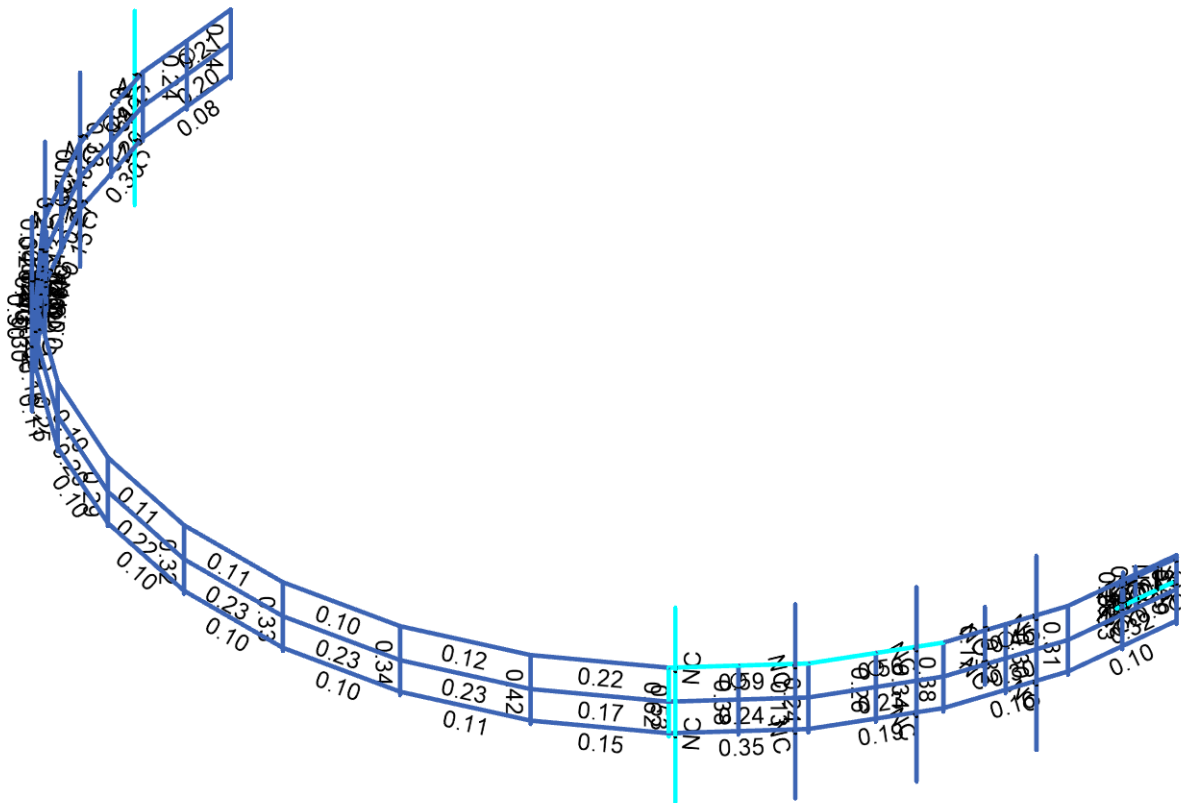
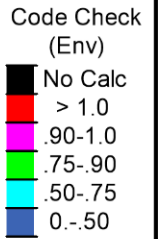
160843.001.01

10000548 - Nichols Hills

SK-3

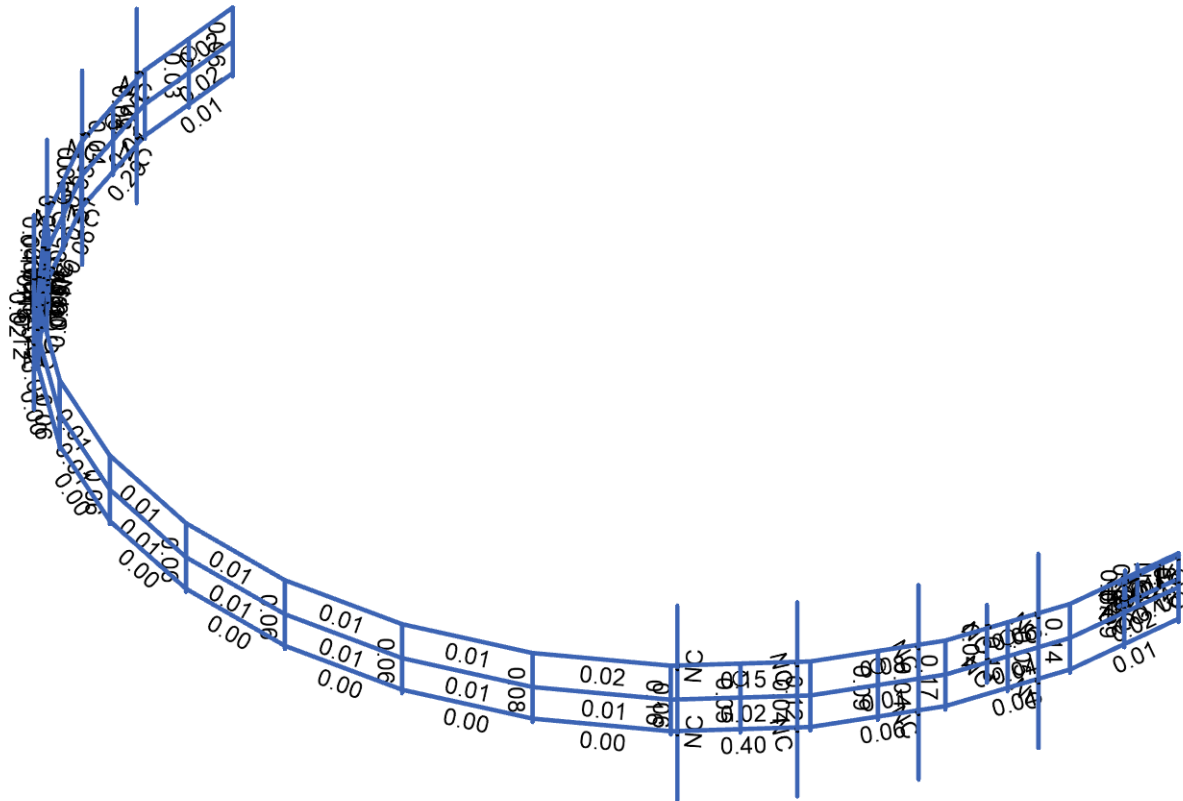
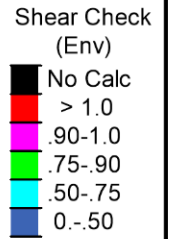
Feb 23, 2022

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Member Code Checks Displayed (Enveloped)
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Member Shear Checks Displayed (Enveloped)
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MP
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10000548 - Nichols Hills

SK-5

Feb 23, 2022

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Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Node Coordinates

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
1	1	0	0	0	
2	2	25.667524	-0.166667	11.427918	
3	3	27.482625	-0.166667	5.841612	
4	4	28.096603	-0.166667	0	
5	5	-28.096603	-0.166667	0	
6	6	-27.482625	-0.166667	5.841612	
7	7	-25.667524	-0.166667	11.427918	
8	8	-22.730629	-0.166667	16.514769	
9	9	-18.800297	-0.166667	20.879845	
10	10	-14.048301	-0.166667	24.332372	
11	11	-8.682328	-0.166667	26.721457	
12	12	-2.936895	-0.166667	27.942687	
13	13	2.936895	-0.166667	27.942687	
14	14	8.682328	-0.166667	26.721457	
15	15	14.048301	-0.166667	24.332372	
16	16	18.800297	-0.166667	20.879845	
17	17	22.730629	-0.166667	16.514769	
18	18	22.730629	0	16.514769	
19	19	22.730629	3.375	16.514769	
20	20	22.730629	1.625	16.514769	
21	21	25.667524	0	11.427918	
22	22	25.667524	3.375	11.427918	
23	23	25.667524	1.625	11.427918	
24	24	27.482625	0	5.841612	
25	25	28.096603	0	0	
26	26	27.482625	3.375	5.841612	
27	27	28.096603	3.375	0	
28	28	27.482625	1.625	5.841612	
29	29	28.096603	1.625	0	
30	30	-28.096603	0	0	
31	31	-28.096603	3.375	0	
32	32	-28.096603	1.625	0	
33	33	-27.482625	0	5.841612	
34	34	-27.482625	3.375	5.841612	
35	35	-27.482625	1.625	5.841612	
36	36	-25.667524	0	11.427918	
37	37	-25.667524	3.375	11.427918	
38	38	-25.667524	1.625	11.427918	
39	39	-22.730629	0	16.514769	
40	40	-22.730629	3.375	16.514769	
41	41	-22.730629	1.625	16.514769	
42	42	-18.800297	0	20.879845	
43	43	-18.800297	3.375	20.879845	
44	44	-18.800297	1.625	20.879845	
45	45	-14.048301	0	24.332372	
46	46	-14.048301	3.375	24.332372	
47	47	-14.048301	1.625	24.332372	
48	48	-8.682328	0	26.721457	
49	49	-8.682328	3.375	26.721457	
50	50	-8.682328	1.625	26.721457	
51	51	-2.936895	0	27.942687	
52	52	-2.936895	3.375	27.942687	
53	53	-2.936895	1.625	27.942687	
54	54	2.936895	0	27.942687	
55	55	2.936895	3.375	27.942687	

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
 5:55:04 PM
 Checked By : _____

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
56	56	2.936895	1.625	27.942687	
57	57	8.682328	0	26.721457	
58	58	8.682328	3.375	26.721457	
59	59	8.682328	1.625	26.721457	
60	60	14.048301	0	24.332372	
61	61	18.800297	0	20.879845	
62	62	14.048301	3.375	24.332372	
63	63	18.800297	3.375	20.879845	
64	64	14.048301	1.625	24.332372	
65	65	18.800297	1.625	20.879845	
66	66	0	3.375	0	
67	67	0	-0.166667	0	
68	68	25.042524	3.375	12.51045	
69	69	25.266169	3.375	12.622176	
70	70	25.266169	6.625	12.622176	
71	71	25.266169	-3.375	12.622176	
72	72	25.266169	0	12.622176	
73	73	25.042524	0	12.51045	
74	74	22.539474	6.625	17.099369	
75	75	22.539474	-3.375	17.099369	
76	76	22.539474	3.375	17.099369	
77	77	22.340303	3.375	16.94827	
78	78	22.539474	0	17.099369	
79	79	22.340303	0	16.94827	
80	80	19.163836	3.375	20.848049	
81	81	18.99465	3.375	20.663994	
82	82	19.163836	0	20.848049	
83	83	18.99465	0	20.663994	
84	84	19.163836	6.625	20.848049	
85	85	19.163836	-3.375	20.848049	
86	86	27.221975	3.375	7.451936	
87	87	26.980846	3.375	7.385928	
88	88	27.221975	0	7.451936	
89	89	26.980846	0	7.385928	
90	90	27.221975	6.625	7.451936	
91	91	27.221975	-3.375	7.451936	
92	92	26.311309	3.375	9.44655	
93	93	26.075889	3.375	9.362423	
94	94	26.311309	1.625	9.44655	
95	95	26.075889	1.625	9.362423	
96	96	26.075889	4.375	9.362423	
97	97	26.075889	0.375	9.362423	
98	98	-23.355629	3.375	15.432237	
99	99	-23.56421	3.375	15.570057	
100	100	-23.56421	6.625	15.570057	
101	101	-23.56421	-3.375	15.570057	
102	102	-23.56421	0	15.570057	
103	103	-23.355629	0	15.432237	
104	104	-26.078225	6.625	10.970072	
105	105	-26.078225	-3.375	10.970072	
106	106	-26.078225	3.375	10.970072	
107	107	-25.847784	3.375	10.873135	
108	108	-26.078225	0	10.970072	
109	109	-25.847784	0	10.873135	
110	110	-27.636858	3.375	6.172344	

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
 5:55:04 PM
 Checked By : _____

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
111	111	-27.392869	3.375	6.117852	
112	112	-27.636858	0	6.172344	
113	113	-27.392869	0	6.117852	
114	114	-27.636858	6.625	6.172344	
115	115	-27.636858	-3.375	6.172344	
116	116	-20.064553	3.375	19.848954	
117	117	-19.886824	3.375	19.673134	
118	118	-20.064553	0	19.848954	
119	119	-19.886824	0	19.673134	
120	120	-20.064553	6.625	19.848954	
121	121	-20.064553	-3.375	19.848954	
122	122	-21.336607	3.375	18.062987	
123	123	-21.146041	3.375	17.901171	
124	124	-21.336607	1.625	18.062987	
125	125	-21.146041	1.625	17.901171	
126	126	-21.146041	4.375	17.901171	
127	127	-21.146041	0.375	17.901171	
128	128	20.765463	3.375	18.697307	
129	129	20.765463	-0.166667	18.697307	
130	130	24.199077	3.375	13.971343	
131	131	24.199077	-0.166667	13.971343	
132	132	26.575074	3.375	8.634765	
133	133	26.575074	-0.166667	8.634765	
134	134	-20.765463	3.375	18.697307	
135	135	-20.765463	-0.166667	18.697307	
136	136	-24.199077	3.375	13.971343	
137	137	-24.199077	-0.166667	13.971343	
138	138	-26.575074	3.375	8.634765	
139	139	-26.575074	-0.166667	8.634765	
140	140	-27.789614	3.375	2.920806	
141	141	-27.789614	-0.166667	2.920806	
142	142	27.789614	3.375	2.920806	
143	143	27.789614	-0.166667	2.920806	
144	144	28.096603	3.083333	0	
145	145	27.929936	3.083333	0	
146	146	27.789614	3.083333	2.920806	
147	147	27.62386	3.083333	2.903385	
148	148	27.606534	3.083333	3.067737	
149	149	27.947262	3.083333	-0.164353	
150	150	28.096603	1.916667	0	
151	151	27.929936	1.916667	0	
152	152	27.789614	1.916667	2.920806	
153	153	27.62386	1.916667	2.903385	
154	154	27.606534	1.916667	3.067737	
155	155	27.947262	1.916667	-0.164353	
156	156	27.724479	3.083333	1.948937	
157	157	27.599649	3.083333	1.942413	
158	158	27.724479	1.916667	1.948937	
159	159	27.599649	1.916667	1.942413	
160	160	27.654586	3.083333	2.61193	
161	161	27.529756	3.083333	2.605406	
162	162	27.654586	1.916667	2.61193	
163	163	27.529756	1.916667	2.605406	
164	164	27.529756	3.5	2.605406	
165	165	27.529756	1.5	2.605406	

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
 5:55:04 PM
 Checked By : _____

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
166	166	27.599649	3.5	1.942413	
167	167	27.599649	1.5	1.942413	
168	168	20.765463	0	18.697307	
169	169	20.765463	1.625	18.697307	
170	170	24.199077	0	13.971343	
171	171	24.199077	1.625	13.971343	
172	172	26.575074	0	8.634765	
173	173	26.575074	1.625	8.634765	
174	174	27.789614	0	2.920806	
175	175	27.789614	1.625	2.920806	
176	176	-27.789614	0	2.920806	
177	177	-27.789614	1.625	2.920806	
178	178	-26.575074	0	8.634765	
179	179	-26.575074	1.625	8.634765	
180	180	-24.199077	0	13.971343	
181	181	-24.199077	1.625	13.971343	
182	182	-20.765463	0	18.697307	
183	183	-20.765463	1.625	18.697307	
184	184	-18.800297	3.083333	20.879845	
185	185	-18.688775	3.083333	20.755988	
186	186	-20.765463	3.083333	18.697307	
187	187	-20.641606	3.083333	18.585785	
188	188	-20.75215	3.083333	18.462936	
189	189	-18.578231	3.083333	20.878837	
190	190	-18.800297	1.916667	20.879845	
191	191	-18.688775	1.916667	20.755988	
192	192	-20.765463	1.916667	18.697307	
193	193	-20.641606	1.916667	18.585785	
194	194	-20.75215	1.916667	18.462936	
195	195	-18.578231	1.916667	20.878837	
196	196	-19.99964	3.083333	19.299209	
197	197	-19.911264	3.083333	19.210808	
198	198	-19.99964	1.916667	19.299209	
199	199	-19.911264	1.916667	19.210808	
200	200	-20.445572	3.083333	18.80364	
201	201	-20.357196	3.083333	18.715239	
202	202	-20.445572	1.916667	18.80364	
203	203	-20.357196	1.916667	18.715239	
204	204	-20.357196	3.5	18.715239	
205	205	-20.357196	1.5	18.715239	
206	206	-19.911264	3.5	19.210808	
207	207	-19.911264	1.5	19.210808	
208	208	27.833686	3.083333	0.913011	
209	209	27.833686	1.916667	0.913011	
210	210	27.599649	2.833333	1.942413	
211	211	27.529756	2.833333	2.605406	
212	212	-20.357196	2.833333	18.715239	
213	213	-19.911264	2.833333	19.210808	
214	214	-19.302871	3.083333	20.073537	
215	215	-19.302871	1.916667	20.073537	

Node Boundary Conditions

	Node Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot [k-ft/rad]	Y Rot [k-ft/rad]	Z Rot [k-ft/rad]
1	4	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	143	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Node Boundary Conditions (Continued)

	Node Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot [k-ft/rad]	Y Rot [k-ft/rad]	Z Rot [k-ft/rad]
3	3	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	133	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	2	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	131	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
7	17	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
8	129	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
9	16	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
10	15	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
11	14	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
12	13	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
13	12	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
14	11	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
15	10	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
16	9	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
17	8	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
18	137	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
19	7	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
20	6	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
21	5	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
22	141	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
23	139	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
24	135	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [$10^{-6}/^{\circ}\text{F}$]	Density [k/ft ³]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A992	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	0.3	0.65	0.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	0.3	0.65	0.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	0.3	0.65	0.49	35	1.6	60	1.2
7	A1085	29000	11154	0.3	0.65	0.49	50	1.4	65	1.3
8	A500 Gr.C RND	29000	11154	0.3	0.65	0.527	46	1.4	62	1.3
9	A500 Gr.C RECT	29000	11154	0.3	0.65	0.527	50	1.4	62	1.3
10	A913 Gr.65	29000	11154	0.3	0.65	0.49	65	1.1	80	1.1

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [$10^{-6}/^{\circ}\text{F}$]	Density [k/ft ³]	Yield [ksi]	Fu [ksi]
1	A653 SS Gr33	29500	11346	0.3	0.65	0.49	33	45
2	A653 SS Gr50/1	29500	11346	0.3	0.65	0.49	50	65

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	F1-CA1	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	0.692	0.692	0.026
2	F1-CA2	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	0.944	0.346	0.346	0.021
3	F1-V1	L2x2x4	Column	Single Angle	A36 Gr.36	Typical	0.944	0.346	0.346	0.021
4	F1-V2-Mod	L4X4X4	Column	Single Angle	A36 Gr.36	Typical	1.93	3	3	0.044
5	F1-CP1	PL1/2x4	Beam	RECT	A36 Gr.36	Typical	2	0.042	2.667	0.154
6	MF-P1	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	0.627	0.627	1.25

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Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in ²]	I _{yy} [in ⁴]	I _{zz} [in ⁴]	J [in ⁴]
1	CF1	P1000_CFB	Beam	CS	A653 SS Gr33	Typical	0.515	0.164	0.221	0.002
2	CF2	P1000_CFB	Column	CS	A653 SS Gr33	Typical	0.515	0.164	0.221	0.002

Member Primary Data

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	1	22	2	210	F1-V1	Column	Single Angle	A36 Gr.36	Typical
2	2	26	3	190	F1-V1	Column	Single Angle	A36 Gr.36	Typical
3	3	27	4	180	F1-V1	Column	Single Angle	A36 Gr.36	Typical
4	4	31	5	355	F1-V1	Column	Single Angle	A36 Gr.36	Typical
5	5	34	6	355	F1-V1	Column	Single Angle	A36 Gr.36	Typical
6	6	37	7	340	F1-V1	Column	Single Angle	A36 Gr.36	Typical
7	7	40	8	330	F1-V1	Column	Single Angle	A36 Gr.36	Typical
8	8	43	9	320	F1-V1	Column	Single Angle	A36 Gr.36	Typical
9	9	46	10	300	F1-V1	Column	Single Angle	A36 Gr.36	Typical
10	10	49	11	290	F1-V1	Column	Single Angle	A36 Gr.36	Typical
11	11	52	12	280	F1-V1	Column	Single Angle	A36 Gr.36	Typical
12	12	55	13	270	F1-V1	Column	Single Angle	A36 Gr.36	Typical
13	13	58	14	260	F1-V1	Column	Single Angle	A36 Gr.36	Typical
14	14	62	15	240	F1-V1	Column	Single Angle	A36 Gr.36	Typical
15	15	63	16	230	F1-V1	Column	Single Angle	A36 Gr.36	Typical
16	16	19	17	220	F1-V1	Column	Single Angle	A36 Gr.36	Typical
17	17	61	18		F1-CP1	Beam	RECT	A36 Gr.36	Typical
18	18	63	19	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
19	19	65	20	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
20	20	18	21		F1-CP1	Beam	RECT	A36 Gr.36	Typical
21	21	19	22	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
22	22	20	23	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
23	23	21	24		F1-CP1	Beam	RECT	A36 Gr.36	Typical
24	24	22	26	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
25	25	23	28	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
26	26	24	25		F1-CP1	Beam	RECT	A36 Gr.36	Typical
27	27	26	27	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
28	28	28	29	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
29	29	30	33		F1-CP1	Beam	RECT	A36 Gr.36	Typical
30	30	31	34	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
31	31	32	35	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
32	32	33	36		F1-CP1	Beam	RECT	A36 Gr.36	Typical
33	33	34	37	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
34	34	35	38	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
35	35	36	39		F1-CP1	Beam	RECT	A36 Gr.36	Typical
36	36	37	40	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
37	37	38	41	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
38	38	39	42		F1-CP1	Beam	RECT	A36 Gr.36	Typical
39	39	40	43	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
40	40	41	44	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
41	41	42	45		F1-CP1	Beam	RECT	A36 Gr.36	Typical
42	42	43	46	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
43	43	44	47	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
44	44	45	48		F1-CP1	Beam	RECT	A36 Gr.36	Typical
45	45	46	49	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
46	46	47	50	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
47	47	48	51		F1-CP1	Beam	RECT	A36 Gr.36	Typical
48	48	49	52	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
49	49	50	53	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical

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Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
50	50	51	54		F1-CP1	Beam	RECT	A36 Gr.36	Typical
51	51	52	55	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
52	52	53	56	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
53	53	54	57		F1-CP1	Beam	RECT	A36 Gr.36	Typical
54	54	55	58	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
55	55	56	59	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
56	56	57	60		F1-CP1	Beam	RECT	A36 Gr.36	Typical
57	57	58	62	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
58	58	59	64	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
59	59	60	61		F1-CP1	Beam	RECT	A36 Gr.36	Typical
60	60	62	63	90	F1-CA1	Beam	Single Angle	A36 Gr.36	Typical
61	61	64	65	180	F1-CA2	Beam	Single Angle	A36 Gr.36	Typical
62	62	69	68		RIGID	None	None	RIGID	Typical
63	63	70	71		MF-P1	Column	Pipe	A53 Gr.B	Typical
64	64	72	73		RIGID	None	None	RIGID	Typical
65	65	74	75		MF-P1	Column	Pipe	A53 Gr.B	Typical
66	66	76	77		RIGID	None	None	RIGID	Typical
67	67	78	79		RIGID	None	None	RIGID	Typical
68	68	80	81		RIGID	None	None	RIGID	Typical
69	69	82	83		RIGID	None	None	RIGID	Typical
70	70	84	85		MF-P1	Column	Pipe	A53 Gr.B	Typical
71	71	86	87		RIGID	None	None	RIGID	Typical
72	72	88	89		RIGID	None	None	RIGID	Typical
73	73	90	91		MF-P1	Column	Pipe	A53 Gr.B	Typical
74	74	92	93		RIGID	None	None	RIGID	Typical
75	75	94	95		RIGID	None	None	RIGID	Typical
76	76	96	97		MF-P1	Column	Pipe	A53 Gr.B	Typical
77	77	99	98		RIGID	None	None	RIGID	Typical
78	78	100	101		MF-P1	Column	Pipe	A53 Gr.B	Typical
79	79	102	103		RIGID	None	None	RIGID	Typical
80	80	104	105		MF-P1	Column	Pipe	A53 Gr.B	Typical
81	81	106	107		RIGID	None	None	RIGID	Typical
82	82	108	109		RIGID	None	None	RIGID	Typical
83	83	110	111		RIGID	None	None	RIGID	Typical
84	84	112	113		RIGID	None	None	RIGID	Typical
85	85	114	115		MF-P1	Column	Pipe	A53 Gr.B	Typical
86	86	116	117		RIGID	None	None	RIGID	Typical
87	87	118	119		RIGID	None	None	RIGID	Typical
88	88	120	121		MF-P1	Column	Pipe	A53 Gr.B	Typical
89	89	122	123		RIGID	None	None	RIGID	Typical
90	90	124	125		RIGID	None	None	RIGID	Typical
91	91	126	127		MF-P1	Column	Pipe	A53 Gr.B	Typical
92	92	128	129	230	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
93	93	130	131	210	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
94	94	132	133	200	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
95	95	134	135	320	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
96	96	136	137	330	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
97	97	138	139	340	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
98	98	140	141	355	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
99	99	142	143	190	F1-V2-Mod	Column	Single Angle	A36 Gr.36	Typical
100	100	144	145		RIGID	None	None	RIGID	Typical
101	101	146	147		RIGID	None	None	RIGID	Typical
102	102	148	149		CF1	Beam	CS	A653 SS Gr33	Typical
103	103	150	151		RIGID	None	None	RIGID	Typical
104	104	152	153		RIGID	None	None	RIGID	Typical

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Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
105	105	154	155		CF1	Beam	CS	A653 SS Gr33	Typical
106	106	156	157		RIGID	None	None	RIGID	Typical
107	107	158	159		RIGID	None	None	RIGID	Typical
108	108	160	161		RIGID	None	None	RIGID	Typical
109	109	162	163		RIGID	None	None	RIGID	Typical
110	110	164	165	270	CF2	Column	CS	A653 SS Gr33	Typical
111	111	166	167	270	CF2	Column	CS	A653 SS Gr33	Typical
112	112	184	185		RIGID	None	None	RIGID	Typical
113	113	186	187		RIGID	None	None	RIGID	Typical
114	114	188	189		CF1	Beam	CS	A653 SS Gr33	Typical
115	115	190	191		RIGID	None	None	RIGID	Typical
116	116	192	193		RIGID	None	None	RIGID	Typical
117	117	194	195		CF1	Beam	CS	A653 SS Gr33	Typical
118	118	196	197		RIGID	None	None	RIGID	Typical
119	119	198	199		RIGID	None	None	RIGID	Typical
120	120	200	201		RIGID	None	None	RIGID	Typical
121	121	202	203		RIGID	None	None	RIGID	Typical
122	122	204	205	50	CF2	Column	CS	A653 SS Gr33	Typical
123	123	206	207	50	CF2	Column	CS	A653 SS Gr33	Typical
124	124	208	209		RIGID	None	None	RIGID	Typical
125	125	210	211		RIGID	None	None	RIGID	Typical
126	126	212	213		RIGID	None	None	RIGID	Typical
127	127	214	215		RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	Physical	Deflection Ratio Options	Seismic DR
1	1		Yes	** NA **	None
2	2		Yes	** NA **	None
3	3		Yes	** NA **	None
4	4		Yes	** NA **	None
5	5		Yes	** NA **	None
6	6		Yes	** NA **	None
7	7		Yes	** NA **	None
8	8		Yes	** NA **	None
9	9		Yes	** NA **	None
10	10		Yes	** NA **	None
11	11		Yes	** NA **	None
12	12		Yes	** NA **	None
13	13		Yes	** NA **	None
14	14		Yes	** NA **	None
15	15		Yes	** NA **	None
16	16		Yes	** NA **	None
17	17		Yes	N/A	None
18	18		Yes	N/A	None
19	19		Yes	N/A	None
20	20		Yes	N/A	None
21	21		Yes	N/A	None
22	22		Yes	N/A	None
23	23		Yes	N/A	None
24	24		Yes	N/A	None
25	25		Yes	N/A	None
26	26		Yes	N/A	None
27	27		Yes	N/A	None
28	28		Yes	N/A	None
29	29		Yes	N/A	None

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Member Advanced Data (Continued)

	Label	I Release	Physical	Deflection Ratio Options	Seismic DR
30	30		Yes	N/A	None
31	31		Yes	N/A	None
32	32		Yes	N/A	None
33	33		Yes	N/A	None
34	34		Yes	N/A	None
35	35		Yes	N/A	None
36	36		Yes	N/A	None
37	37		Yes	N/A	None
38	38		Yes	N/A	None
39	39		Yes	N/A	None
40	40		Yes	N/A	None
41	41		Yes	N/A	None
42	42		Yes	N/A	None
43	43		Yes	N/A	None
44	44		Yes	N/A	None
45	45		Yes	N/A	None
46	46		Yes	N/A	None
47	47		Yes	N/A	None
48	48		Yes	N/A	None
49	49		Yes	N/A	None
50	50		Yes	N/A	None
51	51		Yes	N/A	None
52	52		Yes	N/A	None
53	53		Yes	N/A	None
54	54		Yes	N/A	None
55	55		Yes	N/A	None
56	56		Yes	N/A	None
57	57		Yes	N/A	None
58	58		Yes	N/A	None
59	59		Yes	N/A	None
60	60		Yes	N/A	None
61	61		Yes	N/A	None
62	62		Yes	** NA **	None
63	63		Yes	** NA **	None
64	64		Yes	** NA **	None
65	65		Yes	** NA **	None
66	66		Yes	** NA **	None
67	67		Yes	** NA **	None
68	68		Yes	** NA **	None
69	69		Yes	** NA **	None
70	70		Yes	** NA **	None
71	71		Yes	** NA **	None
72	72		Yes	** NA **	None
73	73		Yes	** NA **	None
74	74		Yes	** NA **	None
75	75		Yes	** NA **	None
76	76		Yes	** NA **	None
77	77		Yes	** NA **	None
78	78		Yes	** NA **	None
79	79		Yes	** NA **	None
80	80		Yes	** NA **	None
81	81		Yes	** NA **	None
82	82		Yes	** NA **	None
83	83		Yes	** NA **	None
84	84		Yes	** NA **	None

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Member Advanced Data (Continued)

	Label	I Release	Physical	Deflection Ratio Options	Seismic DR
85	85		Yes	** NA **	None
86	86		Yes	** NA **	None
87	87		Yes	** NA **	None
88	88		Yes	** NA **	None
89	89		Yes	** NA **	None
90	90		Yes	** NA **	None
91	91		Yes	** NA **	None
92	92	BenPIN	Yes	** NA **	None
93	93	BenPIN	Yes	** NA **	None
94	94	BenPIN	Yes	** NA **	None
95	95	BenPIN	Yes	** NA **	None
96	96	BenPIN	Yes	** NA **	None
97	97	BenPIN	Yes	** NA **	None
98	98	BenPIN	Yes	** NA **	None
99	99	BenPIN	Yes	** NA **	None
100	100		Yes	** NA **	None
101	101		Yes	** NA **	None
102	102		Yes	N/A	None
103	103		Yes	** NA **	None
104	104		Yes	** NA **	None
105	105		Yes	N/A	None
106	106		Yes	** NA **	None
107	107		Yes	** NA **	None
108	108		Yes	** NA **	None
109	109		Yes	** NA **	None
110	110		Yes	** NA **	None
111	111		Yes	** NA **	None
112	112		Yes	** NA **	None
113	113		Yes	** NA **	None
114	114		Yes	N/A	None
115	115		Yes	** NA **	None
116	116		Yes	** NA **	None
117	117		Yes	N/A	None
118	118		Yes	** NA **	None
119	119		Yes	** NA **	None
120	120		Yes	** NA **	None
121	121		Yes	** NA **	None
122	122		Yes	** NA **	None
123	123		Yes	** NA **	None
124	124		Yes	** NA **	None
125	125		Yes	** NA **	None
126	126		Yes	** NA **	None
127	127		Yes	** NA **	None

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Hot Rolled Steel Design Parameters

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
1	1	F1-V1	3.542	Lbyy	Lateral
2	2	F1-V1	3.542	Lbyy	Lateral
3	3	F1-V1	3.542	Lbyy	Lateral
4	4	F1-V1	3.542	Lbyy	Lateral
5	5	F1-V1	3.542	Lbyy	Lateral
6	6	F1-V1	3.542	Lbyy	Lateral
7	7	F1-V1	3.542	Lbyy	Lateral
8	8	F1-V1	3.542	Lbyy	Lateral
9	9	F1-V1	3.542	Lbyy	Lateral



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Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
10	10	F1-V1	3.542	Lbyy	Lateral
11	11	F1-V1	3.542	Lbyy	Lateral
12	12	F1-V1	3.542	Lbyy	Lateral
13	13	F1-V1	3.542	Lbyy	Lateral
14	14	F1-V1	3.542	Lbyy	Lateral
15	15	F1-V1	3.542	Lbyy	Lateral
16	16	F1-V1	3.542	Lbyy	Lateral
17	17	F1-CP1	5.874	Lbyy	Lateral
18	18	F1-CA1	5.874	Lbyy	Lateral
19	19	F1-CA2	5.874	Lbyy	Lateral
20	20	F1-CP1	5.874	Lbyy	Lateral
21	21	F1-CA1	5.874	Lbyy	Lateral
22	22	F1-CA2	5.874	Lbyy	Lateral
23	23	F1-CP1	5.874	Lbyy	Lateral
24	24	F1-CA1	5.874	Lbyy	Lateral
25	25	F1-CA2	5.874	Lbyy	Lateral
26	26	F1-CP1	5.874	Lbyy	Lateral
27	27	F1-CA1	5.874	Lbyy	Lateral
28	28	F1-CA2	5.874	Lbyy	Lateral
29	29	F1-CP1	5.874	Lbyy	Lateral
30	30	F1-CA1	5.874	Lbyy	Lateral
31	31	F1-CA2	5.874	Lbyy	Lateral
32	32	F1-CP1	5.874	Lbyy	Lateral
33	33	F1-CA1	5.874	Lbyy	Lateral
34	34	F1-CA2	5.874	Lbyy	Lateral
35	35	F1-CP1	5.874	Lbyy	Lateral
36	36	F1-CA1	5.874	Lbyy	Lateral
37	37	F1-CA2	5.874	Lbyy	Lateral
38	38	F1-CP1	5.874	Lbyy	Lateral
39	39	F1-CA1	5.874	Lbyy	Lateral
40	40	F1-CA2	5.874	Lbyy	Lateral
41	41	F1-CP1	5.874	Lbyy	Lateral
42	42	F1-CA1	5.874	Lbyy	Lateral
43	43	F1-CA2	5.874	Lbyy	Lateral
44	44	F1-CP1	5.874	Lbyy	Lateral
45	45	F1-CA1	5.874	Lbyy	Lateral
46	46	F1-CA2	5.874	Lbyy	Lateral
47	47	F1-CP1	5.874	Lbyy	Lateral
48	48	F1-CA1	5.874	Lbyy	Lateral
49	49	F1-CA2	5.874	Lbyy	Lateral
50	50	F1-CP1	5.874	Lbyy	Lateral
51	51	F1-CA1	5.874	Lbyy	Lateral
52	52	F1-CA2	5.874	Lbyy	Lateral
53	53	F1-CP1	5.874	Lbyy	Lateral
54	54	F1-CA1	5.874	Lbyy	Lateral
55	55	F1-CA2	5.874	Lbyy	Lateral
56	56	F1-CP1	5.874	Lbyy	Lateral
57	57	F1-CA1	5.874	Lbyy	Lateral
58	58	F1-CA2	5.874	Lbyy	Lateral
59	59	F1-CP1	5.874	Lbyy	Lateral
60	60	F1-CA1	5.874	Lbyy	Lateral
61	61	F1-CA2	5.874	Lbyy	Lateral
62	63	MF-P1	10	Lbyy	Lateral
63	65	MF-P1	10	Lbyy	Lateral
64	70	MF-P1	10	Lbyy	Lateral

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Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
65	73	MF-P1	10	Lbyy	Lateral
66	76	MF-P1	4	Lbyy	Lateral
67	78	MF-P1	10	Lbyy	Lateral
68	80	MF-P1	10	Lbyy	Lateral
69	85	MF-P1	10	Lbyy	Lateral
70	88	MF-P1	10	Lbyy	Lateral
71	91	MF-P1	4	Lbyy	Lateral
72	92	F1-V2-Mod	3.542	Lbyy	Lateral
73	93	F1-V2-Mod	3.542	Lbyy	Lateral
74	94	F1-V2-Mod	3.542	Lbyy	Lateral
75	95	F1-V2-Mod	3.542	Lbyy	Lateral
76	96	F1-V2-Mod	3.542	Lbyy	Lateral
77	97	F1-V2-Mod	3.542	Lbyy	Lateral
78	98	F1-V2-Mod	3.542	Lbyy	Lateral
79	99	F1-V2-Mod	3.542	Lbyy	Lateral

Cold Formed Steel Design Parameters

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
1	102	CF1	3.25	Lbyy	Lateral
2	105	CF1	3.25	Lbyy	Lateral
3	110	CF2	2	Lbyy	Lateral
4	111	CF2	2	Lbyy	Lateral
5	114	CF1	3.25	Lbyy	Lateral
6	117	CF1	3.25	Lbyy	Lateral
7	122	CF2	2	Lbyy	Lateral
8	123	CF2	2	Lbyy	Lateral

Member Point Loads (BLC 1 : Dead)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	Y	-0.054	%5
2	73	Y	-0.054	%90
3	73	Y	0	0
4	73	Y	0	0
5	73	Y	0	0
6	63	Y	-0.054	%5
7	63	Y	-0.054	%90
8	63	Y	-0.053	%20
9	63	Y	0	0
10	63	Y	0	0
11	65	Y	-0.041	%5
12	65	Y	-0.041	%30
13	65	Y	-0.033	%65
14	65	Y	-0.033	%85
15	65	Y	0	0
16	70	Y	-0.044	%5
17	70	Y	-0.044	%85
18	70	Y	-0.073	%20
19	70	Y	-0.053	%20
20	70	Y	0	0
21	88	Y	-0.054	%5
22	88	Y	-0.054	%90
23	88	Y	0	0
24	88	Y	0	0

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Member Point Loads (BLC 1 : Dead) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
25	88	Y	0	0
26	78	Y	-0.054	%5
27	78	Y	-0.054	%90
28	78	Y	-0.053	%20
29	78	Y	0	0
30	78	Y	0	0
31	80	Y	-0.041	%5
32	80	Y	-0.041	%30
33	80	Y	-0.033	%65
34	80	Y	-0.033	%85
35	80	Y	0	0
36	85	Y	-0.044	%5
37	85	Y	-0.044	%85
38	85	Y	-0.073	%20
39	85	Y	-0.053	%20
40	85	Y	0	0
41	76	Y	-0.06	%50
42	76	Y	-0.053	%50
43	76	Y	0	0
44	76	Y	0	0
45	76	Y	0	0
46	91	Y	-0.06	%50
47	91	Y	-0.053	%50
48	91	Y	0	0
49	91	Y	0	0
50	91	Y	0	0
51	21	Y	-0.016	%30
52	21	Y	0	0
53	21	Y	0	0
54	21	Y	0	0
55	21	Y	0	0
56	125	Y	-0.016	%50
57	125	Y	0	0
58	125	Y	0	0
59	125	Y	0	0
60	125	Y	0	0
61	24	Y	-0.016	%15
62	24	Y	0	0
63	24	Y	0	0
64	24	Y	0	0
65	24	Y	0	0
66	18	Y	-0.016	%25
67	18	Y	0	0
68	18	Y	0	0
69	18	Y	0	0
70	18	Y	0	0
71	127	Y	-0.02	%50
72	127	Y	0	0
73	127	Y	0	0
74	127	Y	0	0
75	127	Y	0	0
76	124	Y	-0.02	%50
77	124	Y	0	0
78	124	Y	0	0
79	124	Y	0	0

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Member Point Loads (BLC 1 : Dead) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
80	124	Y	0	0
81	33	Y	-0.016	%30
82	33	Y	0	0
83	33	Y	0	0
84	33	Y	0	0
85	33	Y	0	0
86	126	Y	-0.016	%50
87	126	Y	0	0
88	126	Y	0	0
89	126	Y	0	0
90	126	Y	0	0
91	36	Y	-0.016	%15
92	36	Y	0	0
93	36	Y	0	0
94	36	Y	0	0
95	36	Y	0	0
96	30	Y	-0.016	%25
97	30	Y	0	0
98	30	Y	0	0
99	30	Y	0	0
100	30	Y	0	0
101	27	Y	-0.02	%15
102	27	Y	0	0
103	27	Y	0	0
104	27	Y	0	0
105	27	Y	0	0

Member Point Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	Z	-0.185	%5
2	73	Z	-0.185	%90
3	73	Z	0	0
4	73	Z	0	0
5	73	Z	0	0
6	63	Z	-0.185	%5
7	63	Z	-0.185	%90
8	63	Z	-0.056	%20
9	63	Z	0	0
10	63	Z	0	0
11	65	Z	-0.067	%5
12	65	Z	-0.067	%30
13	65	Z	-0.061	%65
14	65	Z	-0.061	%85
15	65	Z	0	0
16	70	Z	-0.294	%5
17	70	Z	-0.294	%85
18	70	Z	-0.043	%20
19	70	Z	-0.056	%20
20	70	Z	0	0
21	88	Z	-0.185	%5
22	88	Z	-0.185	%90
23	88	Z	0	0
24	88	Z	0	0
25	88	Z	0	0
26	78	Z	-0.185	%5

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Member Point Loads (BLC 2 : 0 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
27	78	Z	-0.185	%90
28	78	Z	-0.056	%20
29	78	Z	0	0
30	78	Z	0	0
31	80	Z	-0.067	%5
32	80	Z	-0.067	%30
33	80	Z	-0.061	%65
34	80	Z	-0.061	%85
35	80	Z	0	0
36	85	Z	-0.294	%5
37	85	Z	-0.294	%85
38	85	Z	-0.043	%20
39	85	Z	-0.056	%20
40	85	Z	0	0
41	76	Z	-0.035	%50
42	76	Z	-0.056	%50
43	76	Z	0	0
44	76	Z	0	0
45	76	Z	0	0
46	91	Z	-0.035	%50
47	91	Z	-0.056	%50
48	91	Z	0	0
49	91	Z	0	0
50	91	Z	0	0
51	21	Z	-0.029	%30
52	21	Z	0	0
53	21	Z	0	0
54	21	Z	0	0
55	21	Z	0	0
56	125	Z	-0.029	%50
57	125	Z	0	0
58	125	Z	0	0
59	125	Z	0	0
60	125	Z	0	0
61	24	Z	-0.029	%15
62	24	Z	0	0
63	24	Z	0	0
64	24	Z	0	0
65	24	Z	0	0
66	18	Z	-0.029	%25
67	18	Z	0	0
68	18	Z	0	0
69	18	Z	0	0
70	18	Z	0	0
71	127	Z	-0.07	%50
72	127	Z	0	0
73	127	Z	0	0
74	127	Z	0	0
75	127	Z	0	0
76	124	Z	-0.07	%50
77	124	Z	0	0
78	124	Z	0	0
79	124	Z	0	0
80	124	Z	0	0
81	33	Z	-0.029	%30

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Member Point Loads (BLC 2 : 0 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
82	33	Z	0	0
83	33	Z	0	0
84	33	Z	0	0
85	33	Z	0	0
86	126	Z	-0.029	%50
87	126	Z	0	0
88	126	Z	0	0
89	126	Z	0	0
90	126	Z	0	0
91	36	Z	-0.029	%15
92	36	Z	0	0
93	36	Z	0	0
94	36	Z	0	0
95	36	Z	0	0
96	30	Z	-0.029	%25
97	30	Z	0	0
98	30	Z	0	0
99	30	Z	0	0
100	30	Z	0	0
101	27	Z	-0.07	%15
102	27	Z	0	0
103	27	Z	0	0
104	27	Z	0	0
105	27	Z	0	0

Member Point Loads (BLC 3 : 90 Wind - No Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	X	-0.084	%5
2	73	X	-0.084	%90
3	73	X	0	0
4	73	X	0	0
5	73	X	0	0
6	63	X	-0.084	%5
7	63	X	-0.084	%90
8	63	X	-0.096	%20
9	63	X	0	0
10	63	X	0	0
11	65	X	-0.034	%5
12	65	X	-0.034	%30
13	65	X	-0.026	%65
14	65	X	-0.026	%85
15	65	X	0	0
16	70	X	-0.11	%5
17	70	X	-0.11	%85
18	70	X	-0.055	%20
19	70	X	-0.096	%20
20	70	X	0	0
21	88	X	-0.084	%5
22	88	X	-0.084	%90
23	88	X	0	0
24	88	X	0	0
25	88	X	0	0
26	78	X	-0.084	%5
27	78	X	-0.084	%90
28	78	X	-0.096	%20

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Member Point Loads (BLC 3 : 90 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
29	78	X	0	0
30	78	X	0	0
31	80	X	-0.034	%5
32	80	X	-0.034	%30
33	80	X	-0.026	%65
34	80	X	-0.026	%85
35	80	X	0	0
36	85	X	-0.11	%5
37	85	X	-0.11	%85
38	85	X	-0.055	%20
39	85	X	-0.096	%20
40	85	X	0	0
41	76	X	-0.061	%50
42	76	X	-0.096	%50
43	76	X	0	0
44	76	X	0	0
45	76	X	0	0
46	91	X	-0.061	%50
47	91	X	-0.096	%50
48	91	X	0	0
49	91	X	0	0
50	91	X	0	0
51	21	X	-0.018	%30
52	21	X	0	0
53	21	X	0	0
54	21	X	0	0
55	21	X	0	0
56	125	X	-0.018	%50
57	125	X	0	0
58	125	X	0	0
59	125	X	0	0
60	125	X	0	0
61	24	X	-0.018	%15
62	24	X	0	0
63	24	X	0	0
64	24	X	0	0
65	24	X	0	0
66	18	X	-0.018	%25
67	18	X	0	0
68	18	X	0	0
69	18	X	0	0
70	18	X	0	0
71	127	X	-0.03	%50
72	127	X	0	0
73	127	X	0	0
74	127	X	0	0
75	127	X	0	0
76	124	X	-0.03	%50
77	124	X	0	0
78	124	X	0	0
79	124	X	0	0
80	124	X	0	0
81	33	X	-0.018	%30
82	33	X	0	0
83	33	X	0	0

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Member Point Loads (BLC 3 : 90 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
84	33	X	0	0
85	33	X	0	0
86	126	X	-0.018	%50
87	126	X	0	0
88	126	X	0	0
89	126	X	0	0
90	126	X	0	0
91	36	X	-0.018	%15
92	36	X	0	0
93	36	X	0	0
94	36	X	0	0
95	36	X	0	0
96	30	X	-0.018	%25
97	30	X	0	0
98	30	X	0	0
99	30	X	0	0
100	30	X	0	0
101	27	X	-0.03	%15
102	27	X	0	0
103	27	X	0	0
104	27	X	0	0
105	27	X	0	0

Member Point Loads (BLC 4 : 0 Wind - Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	Z	-0.031	%5
2	73	Z	-0.031	%90
3	73	Z	0	0
4	73	Z	0	0
5	73	Z	0	0
6	63	Z	-0.031	%5
7	63	Z	-0.031	%90
8	63	Z	-0.008	%20
9	63	Z	0	0
10	63	Z	0	0
11	65	Z	-0.009	%5
12	65	Z	-0.009	%30
13	65	Z	-0.008	%65
14	65	Z	-0.008	%85
15	65	Z	0	0
16	70	Z	-0.047	%5
17	70	Z	-0.047	%85
18	70	Z	-0.006	%20
19	70	Z	-0.008	%20
20	70	Z	0	0
21	88	Z	-0.031	%5
22	88	Z	-0.031	%90
23	88	Z	0	0
24	88	Z	0	0
25	88	Z	0	0
26	78	Z	-0.031	%5
27	78	Z	-0.031	%90
28	78	Z	-0.008	%20
29	78	Z	0	0
30	78	Z	0	0

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Member Point Loads (BLC 4 : 0 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
31	80	Z	-0.009	%5
32	80	Z	-0.009	%30
33	80	Z	-0.008	%65
34	80	Z	-0.008	%85
35	80	Z	0	0
36	85	Z	-0.047	%5
37	85	Z	-0.047	%85
38	85	Z	-0.006	%20
39	85	Z	-0.008	%20
40	85	Z	0	0
41	76	Z	-0.005	%50
42	76	Z	-0.008	%50
43	76	Z	0	0
44	76	Z	0	0
45	76	Z	0	0
46	91	Z	-0.005	%50
47	91	Z	-0.008	%50
48	91	Z	0	0
49	91	Z	0	0
50	91	Z	0	0
51	21	Z	-0.004	%30
52	21	Z	0	0
53	21	Z	0	0
54	21	Z	0	0
55	21	Z	0	0
56	125	Z	-0.004	%50
57	125	Z	0	0
58	125	Z	0	0
59	125	Z	0	0
60	125	Z	0	0
61	24	Z	-0.004	%15
62	24	Z	0	0
63	24	Z	0	0
64	24	Z	0	0
65	24	Z	0	0
66	18	Z	-0.004	%25
67	18	Z	0	0
68	18	Z	0	0
69	18	Z	0	0
70	18	Z	0	0
71	127	Z	-0.009	%50
72	127	Z	0	0
73	127	Z	0	0
74	127	Z	0	0
75	127	Z	0	0
76	124	Z	-0.009	%50
77	124	Z	0	0
78	124	Z	0	0
79	124	Z	0	0
80	124	Z	0	0
81	33	Z	-0.004	%30
82	33	Z	0	0
83	33	Z	0	0
84	33	Z	0	0
85	33	Z	0	0

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Member Point Loads (BLC 4 : 0 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
86	126	Z	-0.004	%50
87	126	Z	0	0
88	126	Z	0	0
89	126	Z	0	0
90	126	Z	0	0
91	36	Z	-0.004	%15
92	36	Z	0	0
93	36	Z	0	0
94	36	Z	0	0
95	36	Z	0	0
96	30	Z	-0.004	%25
97	30	Z	0	0
98	30	Z	0	0
99	30	Z	0	0
100	30	Z	0	0
101	27	Z	-0.009	%15
102	27	Z	0	0
103	27	Z	0	0
104	27	Z	0	0
105	27	Z	0	0

Member Point Loads (BLC 5 : 90 Wind - Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	X	-0.017	%5
2	73	X	-0.017	%90
3	73	X	0	0
4	73	X	0	0
5	73	X	0	0
6	63	X	-0.017	%5
7	63	X	-0.017	%90
8	63	X	-0.013	%20
9	63	X	0	0
10	63	X	0	0
11	65	X	-0.005	%5
12	65	X	-0.005	%30
13	65	X	-0.004	%65
14	65	X	-0.004	%85
15	65	X	0	0
16	70	X	-0.021	%5
17	70	X	-0.021	%85
18	70	X	-0.007	%20
19	70	X	-0.013	%20
20	70	X	0	0
21	88	X	-0.017	%5
22	88	X	-0.017	%90
23	88	X	0	0
24	88	X	0	0
25	88	X	0	0
26	78	X	-0.017	%5
27	78	X	-0.017	%90
28	78	X	-0.013	%20
29	78	X	0	0
30	78	X	0	0
31	80	X	-0.005	%5
32	80	X	-0.005	%30

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Member Point Loads (BLC 5 : 90 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
33	80	X	-0.004	%65
34	80	X	-0.004	%85
35	80	X	0	0
36	85	X	-0.021	%5
37	85	X	-0.021	%85
38	85	X	-0.007	%20
39	85	X	-0.013	%20
40	85	X	0	0
41	76	X	-0.008	%50
42	76	X	-0.013	%50
43	76	X	0	0
44	76	X	0	0
45	76	X	0	0
46	91	X	-0.008	%50
47	91	X	-0.013	%50
48	91	X	0	0
49	91	X	0	0
50	91	X	0	0
51	21	X	-0.002	%30
52	21	X	0	0
53	21	X	0	0
54	21	X	0	0
55	21	X	0	0
56	125	X	-0.002	%50
57	125	X	0	0
58	125	X	0	0
59	125	X	0	0
60	125	X	0	0
61	24	X	-0.002	%15
62	24	X	0	0
63	24	X	0	0
64	24	X	0	0
65	24	X	0	0
66	18	X	-0.002	%25
67	18	X	0	0
68	18	X	0	0
69	18	X	0	0
70	18	X	0	0
71	127	X	-0.004	%50
72	127	X	0	0
73	127	X	0	0
74	127	X	0	0
75	127	X	0	0
76	124	X	-0.004	%50
77	124	X	0	0
78	124	X	0	0
79	124	X	0	0
80	124	X	0	0
81	33	X	-0.002	%30
82	33	X	0	0
83	33	X	0	0
84	33	X	0	0
85	33	X	0	0
86	126	X	-0.002	%50
87	126	X	0	0

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Point Loads (BLC 5 : 90 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
88	126	X	0	0
89	126	X	0	0
90	126	X	0	0
91	36	X	-0.002	%15
92	36	X	0	0
93	36	X	0	0
94	36	X	0	0
95	36	X	0	0
96	30	X	-0.002	%25
97	30	X	0	0
98	30	X	0	0
99	30	X	0	0
100	30	X	0	0
101	27	X	-0.004	%15
102	27	X	0	0
103	27	X	0	0
104	27	X	0	0
105	27	X	0	0

Member Point Loads (BLC 6 : 0 Wind - Service)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	Z	-0.014	%5
2	73	Z	-0.014	%90
3	73	Z	0	0
4	73	Z	0	0
5	73	Z	0	0
6	63	Z	-0.014	%5
7	63	Z	-0.014	%90
8	63	Z	-0.004	%20
9	63	Z	0	0
10	63	Z	0	0
11	65	Z	-0.005	%5
12	65	Z	-0.005	%30
13	65	Z	-0.005	%65
14	65	Z	-0.005	%85
15	65	Z	0	0
16	70	Z	-0.022	%5
17	70	Z	-0.022	%85
18	70	Z	-0.003	%20
19	70	Z	-0.004	%20
20	70	Z	0	0
21	88	Z	-0.014	%5
22	88	Z	-0.014	%90
23	88	Z	0	0
24	88	Z	0	0
25	88	Z	0	0
26	78	Z	-0.014	%5
27	78	Z	-0.014	%90
28	78	Z	-0.004	%20
29	78	Z	0	0
30	78	Z	0	0
31	80	Z	-0.005	%5
32	80	Z	-0.005	%30
33	80	Z	-0.005	%65
34	80	Z	-0.005	%85

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Point Loads (BLC 6 : 0 Wind - Service) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
35	80	Z	0	0
36	85	Z	-0.022	%5
37	85	Z	-0.022	%85
38	85	Z	-0.003	%20
39	85	Z	-0.004	%20
40	85	Z	0	0
41	76	Z	-0.003	%50
42	76	Z	-0.004	%50
43	76	Z	0	0
44	76	Z	0	0
45	76	Z	0	0
46	91	Z	-0.003	%50
47	91	Z	-0.004	%50
48	91	Z	0	0
49	91	Z	0	0
50	91	Z	0	0
51	21	Z	-0.002	%30
52	21	Z	0	0
53	21	Z	0	0
54	21	Z	0	0
55	21	Z	0	0
56	125	Z	-0.002	%50
57	125	Z	0	0
58	125	Z	0	0
59	125	Z	0	0
60	125	Z	0	0
61	24	Z	-0.002	%15
62	24	Z	0	0
63	24	Z	0	0
64	24	Z	0	0
65	24	Z	0	0
66	18	Z	-0.002	%25
67	18	Z	0	0
68	18	Z	0	0
69	18	Z	0	0
70	18	Z	0	0
71	127	Z	-0.005	%50
72	127	Z	0	0
73	127	Z	0	0
74	127	Z	0	0
75	127	Z	0	0
76	124	Z	-0.005	%50
77	124	Z	0	0
78	124	Z	0	0
79	124	Z	0	0
80	124	Z	0	0
81	33	Z	-0.002	%30
82	33	Z	0	0
83	33	Z	0	0
84	33	Z	0	0
85	33	Z	0	0
86	126	Z	-0.002	%50
87	126	Z	0	0
88	126	Z	0	0
89	126	Z	0	0

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Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Point Loads (BLC 6 : 0 Wind - Service) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
90	126	Z	0	0
91	36	Z	-0.002	%15
92	36	Z	0	0
93	36	Z	0	0
94	36	Z	0	0
95	36	Z	0	0
96	30	Z	-0.002	%25
97	30	Z	0	0
98	30	Z	0	0
99	30	Z	0	0
100	30	Z	0	0
101	27	Z	-0.005	%15
102	27	Z	0	0
103	27	Z	0	0
104	27	Z	0	0
105	27	Z	0	0

Member Point Loads (BLC 7 : 90 Wind - Service)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	X	-0.006	%5
2	73	X	-0.006	%90
3	73	X	0	0
4	73	X	0	0
5	73	X	0	0
6	63	X	-0.006	%5
7	63	X	-0.006	%90
8	63	X	-0.007	%20
9	63	X	0	0
10	63	X	0	0
11	65	X	-0.003	%5
12	65	X	-0.003	%30
13	65	X	-0.002	%65
14	65	X	-0.002	%85
15	65	X	0	0
16	70	X	-0.008	%5
17	70	X	-0.008	%85
18	70	X	-0.004	%20
19	70	X	-0.007	%20
20	70	X	0	0
21	88	X	-0.006	%5
22	88	X	-0.006	%90
23	88	X	0	0
24	88	X	0	0
25	88	X	0	0
26	78	X	-0.006	%5
27	78	X	-0.006	%90
28	78	X	-0.007	%20
29	78	X	0	0
30	78	X	0	0
31	80	X	-0.003	%5
32	80	X	-0.003	%30
33	80	X	-0.002	%65
34	80	X	-0.002	%85
35	80	X	0	0
36	85	X	-0.008	%5

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Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Point Loads (BLC 7 : 90 Wind - Service) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
37	85	X	-0.008	%85
38	85	X	-0.004	%20
39	85	X	-0.007	%20
40	85	X	0	0
41	76	X	-0.005	%50
42	76	X	-0.007	%50
43	76	X	0	0
44	76	X	0	0
45	76	X	0	0
46	91	X	-0.005	%50
47	91	X	-0.007	%50
48	91	X	0	0
49	91	X	0	0
50	91	X	0	0
51	21	X	-0.001	%30
52	21	X	0	0
53	21	X	0	0
54	21	X	0	0
55	21	X	0	0
56	125	X	-0.001	%50
57	125	X	0	0
58	125	X	0	0
59	125	X	0	0
60	125	X	0	0
61	24	X	-0.001	%15
62	24	X	0	0
63	24	X	0	0
64	24	X	0	0
65	24	X	0	0
66	18	X	-0.001	%25
67	18	X	0	0
68	18	X	0	0
69	18	X	0	0
70	18	X	0	0
71	127	X	-0.002	%50
72	127	X	0	0
73	127	X	0	0
74	127	X	0	0
75	127	X	0	0
76	124	X	-0.002	%50
77	124	X	0	0
78	124	X	0	0
79	124	X	0	0
80	124	X	0	0
81	33	X	-0.001	%30
82	33	X	0	0
83	33	X	0	0
84	33	X	0	0
85	33	X	0	0
86	126	X	-0.001	%50
87	126	X	0	0
88	126	X	0	0
89	126	X	0	0
90	126	X	0	0
91	36	X	-0.001	%15

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Company : B+T Group
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Member Point Loads (BLC 7 : 90 Wind - Service) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
92	36	X	0	0
93	36	X	0	0
94	36	X	0	0
95	36	X	0	0
96	30	X	-0.001	%25
97	30	X	0	0
98	30	X	0	0
99	30	X	0	0
100	30	X	0	0
101	27	X	-0.002	%15
102	27	X	0	0
103	27	X	0	0
104	27	X	0	0
105	27	X	0	0

Member Point Loads (BLC 8 : Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	Y	-0.191	%5
2	73	Y	-0.191	%90
3	73	Y	0	0
4	73	Y	0	0
5	73	Y	0	0
6	63	Y	-0.191	%5
7	63	Y	-0.191	%90
8	63	Y	-0.075	%20
9	63	Y	0	0
10	63	Y	0	0
11	65	Y	-0.052	%5
12	65	Y	-0.052	%30
13	65	Y	-0.046	%65
14	65	Y	-0.046	%85
15	65	Y	0	0
16	70	Y	-0.207	%5
17	70	Y	-0.207	%85
18	70	Y	-0.049	%20
19	70	Y	-0.075	%20
20	70	Y	0	0
21	88	Y	-0.191	%5
22	88	Y	-0.191	%90
23	88	Y	0	0
24	88	Y	0	0
25	88	Y	0	0
26	78	Y	-0.191	%5
27	78	Y	-0.191	%90
28	78	Y	-0.075	%20
29	78	Y	0	0
30	78	Y	0	0
31	80	Y	-0.052	%5
32	80	Y	-0.052	%30
33	80	Y	-0.046	%65
34	80	Y	-0.046	%85
35	80	Y	0	0
36	85	Y	-0.207	%5
37	85	Y	-0.207	%85
38	85	Y	-0.049	%20

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Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Point Loads (BLC 8 : Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
39	85	Y	-0.075	%20
40	85	Y	0	0
41	76	Y	-0.05	%50
42	76	Y	-0.075	%50
43	76	Y	0	0
44	76	Y	0	0
45	76	Y	0	0
46	91	Y	-0.05	%50
47	91	Y	-0.075	%50
48	91	Y	0	0
49	91	Y	0	0
50	91	Y	0	0
51	21	Y	-0.025	%30
52	21	Y	0	0
53	21	Y	0	0
54	21	Y	0	0
55	21	Y	0	0
56	125	Y	-0.025	%50
57	125	Y	0	0
58	125	Y	0	0
59	125	Y	0	0
60	125	Y	0	0
61	24	Y	-0.025	%15
62	24	Y	0	0
63	24	Y	0	0
64	24	Y	0	0
65	24	Y	0	0
66	18	Y	-0.025	%25
67	18	Y	0	0
68	18	Y	0	0
69	18	Y	0	0
70	18	Y	0	0
71	127	Y	-0.053	%50
72	127	Y	0	0
73	127	Y	0	0
74	127	Y	0	0
75	127	Y	0	0
76	124	Y	-0.053	%50
77	124	Y	0	0
78	124	Y	0	0
79	124	Y	0	0
80	124	Y	0	0
81	33	Y	-0.025	%30
82	33	Y	0	0
83	33	Y	0	0
84	33	Y	0	0
85	33	Y	0	0
86	126	Y	-0.025	%50
87	126	Y	0	0
88	126	Y	0	0
89	126	Y	0	0
90	126	Y	0	0
91	36	Y	-0.025	%15
92	36	Y	0	0
93	36	Y	0	0

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Company : B+T Group
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Member Point Loads (BLC 8 : Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
94	36	Y	0	0
95	36	Y	0	0
96	30	Y	-0.025	%25
97	30	Y	0	0
98	30	Y	0	0
99	30	Y	0	0
100	30	Y	0	0
101	27	Y	-0.053	%15
102	27	Y	0	0
103	27	Y	0	0
104	27	Y	0	0
105	27	Y	0	0

Member Point Loads (BLC 9 : 0 Seismic)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	Z	-0.051	%5
2	73	Z	-0.051	%90
3	73	Z	0	0
4	73	Z	0	0
5	73	Z	0	0
6	63	Z	-0.051	%5
7	63	Z	-0.051	%90
8	63	Z	-0.025	%20
9	63	Z	0	0
10	63	Z	0	0
11	65	Z	-0.038	%5
12	65	Z	-0.038	%30
13	65	Z	-0.031	%65
14	65	Z	-0.031	%85
15	65	Z	0	0
16	70	Z	-0.041	%5
17	70	Z	-0.041	%85
18	70	Z	-0.034	%20
19	70	Z	-0.025	%20
20	70	Z	0	0
21	88	Z	-0.051	%5
22	88	Z	-0.051	%90
23	88	Z	0	0
24	88	Z	0	0
25	88	Z	0	0
26	78	Z	-0.051	%5
27	78	Z	-0.051	%90
28	78	Z	-0.025	%20
29	78	Z	0	0
30	78	Z	0	0
31	80	Z	-0.038	%5
32	80	Z	-0.038	%30
33	80	Z	-0.031	%65
34	80	Z	-0.031	%85
35	80	Z	0	0
36	85	Z	-0.041	%5
37	85	Z	-0.041	%85
38	85	Z	-0.034	%20
39	85	Z	-0.025	%20
40	85	Z	0	0

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Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Point Loads (BLC 9 : 0 Seismic) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
41	76	Z	-0.028	%50
42	76	Z	-0.025	%50
43	76	Z	0	0
44	76	Z	0	0
45	76	Z	0	0
46	91	Z	-0.028	%50
47	91	Z	-0.025	%50
48	91	Z	0	0
49	91	Z	0	0
50	91	Z	0	0
51	21	Z	-0.008	%30
52	21	Z	0	0
53	21	Z	0	0
54	21	Z	0	0
55	21	Z	0	0
56	125	Z	-0.008	%50
57	125	Z	0	0
58	125	Z	0	0
59	125	Z	0	0
60	125	Z	0	0
61	24	Z	-0.008	%15
62	24	Z	0	0
63	24	Z	0	0
64	24	Z	0	0
65	24	Z	0	0
66	18	Z	-0.008	%25
67	18	Z	0	0
68	18	Z	0	0
69	18	Z	0	0
70	18	Z	0	0
71	127	Z	-0.01	%50
72	127	Z	0	0
73	127	Z	0	0
74	127	Z	0	0
75	127	Z	0	0
76	124	Z	-0.01	%50
77	124	Z	0	0
78	124	Z	0	0
79	124	Z	0	0
80	124	Z	0	0
81	33	Z	-0.008	0
82	33	Z	0	0
83	33	Z	0	0
84	33	Z	0	0
85	33	Z	0	%50
86	126	Z	-0.008	%50
87	126	Z	0	0
88	126	Z	0	0
89	126	Z	0	0
90	126	Z	0	0
91	36	Z	-0.008	%15
92	36	Z	0	0
93	36	Z	0	0
94	36	Z	0	0
95	36	Z	0	0

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Company : B+T Group
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 Job Number : 160843.001.01
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Member Point Loads (BLC 9 : 0 Seismic) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
96	30	Z	-0.008	%25
97	30	Z	0	0
98	30	Z	0	0
99	30	Z	0	0
100	30	Z	0	0
101	27	Z	-0.01	%15
102	27	Z	0	0
103	27	Z	0	0
104	27	Z	0	0
105	27	Z	0	0

Member Point Loads (BLC 10 : 90 Seismic)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	73	X	-0.051	%5
2	73	X	-0.051	%90
3	73	X	0	0
4	73	X	0	0
5	73	X	0	0
6	63	X	-0.051	%5
7	63	X	-0.051	%90
8	63	X	-0.025	%20
9	63	X	0	0
10	63	X	0	0
11	65	X	-0.038	%5
12	65	X	-0.038	%30
13	65	X	-0.031	%65
14	65	X	-0.031	%85
15	65	X	0	0
16	70	X	-0.041	%5
17	70	X	-0.041	%85
18	70	X	-0.034	%20
19	70	X	-0.025	%20
20	70	X	0	0
21	88	X	-0.051	%5
22	88	X	-0.051	%90
23	88	X	0	0
24	88	X	0	0
25	88	X	0	0
26	78	X	-0.051	%5
27	78	X	-0.051	%90
28	78	X	-0.025	%20
29	78	X	0	0
30	78	X	0	0
31	80	X	-0.038	%5
32	80	X	-0.038	%30
33	80	X	-0.031	%65
34	80	X	-0.031	%85
35	80	X	0	0
36	85	X	-0.041	%5
37	85	X	-0.041	%85
38	85	X	-0.034	%20
39	85	X	-0.025	%20
40	85	X	0	0
41	76	X	-0.028	%50
42	76	X	-0.025	%50

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Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Point Loads (BLC 10 : 90 Seismic) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
43	76	X	0	0
44	76	X	0	0
45	76	X	0	0
46	91	X	-0.028	%50
47	91	X	-0.025	%50
48	91	X	0	0
49	91	X	0	0
50	91	X	0	0
51	21	X	-0.008	%30
52	21	X	0	0
53	21	X	0	0
54	21	X	0	0
55	21	X	0	0
56	125	X	-0.008	%50
57	125	X	0	0
58	125	X	0	0
59	125	X	0	0
60	125	X	0	0
61	24	X	-0.008	%15
62	24	X	0	0
63	24	X	0	0
64	24	X	0	0
65	24	X	0	0
66	18	X	-0.008	%25
67	18	X	0	0
68	18	X	0	0
69	18	X	0	0
70	18	X	0	0
71	127	X	-0.01	%50
72	127	X	0	0
73	127	X	0	0
74	127	X	0	0
75	127	X	0	0
76	124	X	-0.01	%50
77	124	X	0	0
78	124	X	0	0
79	124	X	0	0
80	124	X	0	0
81	33	X	-0.008	0
82	33	X	0	0
83	33	X	0	0
84	33	X	0	0
85	33	X	0	%50
86	126	X	-0.008	%50
87	126	X	0	0
88	126	X	0	0
89	126	X	0	0
90	126	X	0	0
91	36	X	-0.008	%15
92	36	X	0	0
93	36	X	0	0
94	36	X	0	0
95	36	X	0	0
96	30	X	-0.008	%25
97	30	X	0	0

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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 Checked By : _____

Member Point Loads (BLC 10 : 90 Seismic) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
98	30	X	0	0
99	30	X	0	0
100	30	X	0	0
101	27	X	-0.01	%15
102	27	X	0	0
103	27	X	0	0
104	27	X	0	0
105	27	X	0	0

Member Distributed Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.01	-0.01	0	%100
2	2	Z	-0.01	-0.01	0	%100
3	3	Z	-0.01	-0.01	0	%100
4	4	Z	-0.01	-0.01	0	%100
5	5	Z	-0.01	-0.01	0	%100
6	6	Z	-0.01	-0.01	0	%100
7	7	Z	-0.01	-0.01	0	%100
8	8	Z	-0.01	-0.01	0	%100
9	9	Z	-0.01	-0.01	0	%100
10	10	Z	-0.01	-0.01	0	%100
11	11	Z	-0.01	-0.01	0	%100
12	12	Z	-0.01	-0.01	0	%100
13	13	Z	-0.01	-0.01	0	%100
14	14	Z	-0.01	-0.01	0	%100
15	15	Z	-0.01	-0.01	0	%100
16	16	Z	-0.01	-0.01	0	%100
17	17	Z	-0.019	-0.019	0	%100
18	18	Z	-0.014	-0.014	0	%100
19	19	Z	-0.011	-0.011	0	%100
20	20	Z	-0.019	-0.019	0	%100
21	21	Z	-0.014	-0.014	0	%100
22	22	Z	-0.011	-0.011	0	%100
23	23	Z	-0.019	-0.019	0	%100
24	24	Z	-0.014	-0.014	0	%100
25	25	Z	-0.011	-0.011	0	%100
26	26	Z	-0.019	-0.019	0	%100
27	27	Z	-0.014	-0.014	0	%100
28	28	Z	-0.011	-0.011	0	%100
29	29	Z	-0.019	-0.019	0	%100
30	30	Z	-0.014	-0.014	0	%100
31	31	Z	-0.011	-0.011	0	%100
32	32	Z	-0.019	-0.019	0	%100
33	33	Z	-0.014	-0.014	0	%100
34	34	Z	-0.011	-0.011	0	%100
35	35	Z	-0.019	-0.019	0	%100
36	36	Z	-0.014	-0.014	0	%100
37	37	Z	-0.011	-0.011	0	%100
38	38	Z	-0.019	-0.019	0	%100
39	39	Z	-0.014	-0.014	0	%100
40	40	Z	-0.011	-0.011	0	%100
41	41	Z	-0.019	-0.019	0	%100
42	42	Z	-0.014	-0.014	0	%100
43	43	Z	-0.011	-0.011	0	%100
44	44	Z	-0.019	-0.019	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Distributed Loads (BLC 2 : 0 Wind - No Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
45	45	Z	-0.014	-0.014	0	%100
46	46	Z	-0.011	-0.011	0	%100
47	47	Z	-0.019	-0.019	0	%100
48	48	Z	-0.014	-0.014	0	%100
49	49	Z	-0.011	-0.011	0	%100
50	50	Z	-0.019	-0.019	0	%100
51	51	Z	-0.014	-0.014	0	%100
52	52	Z	-0.011	-0.011	0	%100
53	53	Z	-0.019	-0.019	0	%100
54	54	Z	-0.014	-0.014	0	%100
55	55	Z	-0.011	-0.011	0	%100
56	56	Z	-0.019	-0.019	0	%100
57	57	Z	-0.014	-0.014	0	%100
58	58	Z	-0.011	-0.011	0	%100
59	59	Z	-0.019	-0.019	0	%100
60	60	Z	-0.014	-0.014	0	%100
61	61	Z	-0.011	-0.011	0	%100
62	63	Z	-0.008	-0.008	0	%100
63	65	Z	-0.008	-0.008	0	%100
64	70	Z	-0.008	-0.008	0	%100
65	73	Z	-0.008	-0.008	0	%100
66	76	Z	-0.007	-0.007	0	%100
67	78	Z	-0.008	-0.008	0	%100
68	80	Z	-0.008	-0.008	0	%100
69	85	Z	-0.008	-0.008	0	%100
70	88	Z	-0.008	-0.008	0	%100
71	91	Z	-0.007	-0.007	0	%100
72	92	Z	-0.017	-0.017	0	%100
73	93	Z	-0.017	-0.017	0	%100
74	94	Z	-0.017	-0.017	0	%100
75	95	Z	-0.017	-0.017	0	%100
76	96	Z	-0.017	-0.017	0	%100
77	97	Z	-0.017	-0.017	0	%100
78	98	Z	-0.017	-0.017	0	%100
79	99	Z	-0.017	-0.017	0	%100
80	102	Z	-0.009	-0.009	0	%100
81	105	Z	-0.009	-0.009	0	%100
82	110	Z	-0.007	-0.007	0	%100
83	111	Z	-0.007	-0.007	0	%100
84	114	Z	-0.009	-0.009	0	%100
85	117	Z	-0.009	-0.009	0	%100
86	122	Z	-0.007	-0.007	0	%100
87	123	Z	-0.007	-0.007	0	%100

Member Distributed Loads (BLC 3 : 90 Wind - No Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.01	-0.01	0	%100
2	2	X	-0.01	-0.01	0	%100
3	3	X	-0.01	-0.01	0	%100
4	4	X	-0.01	-0.01	0	%100
5	5	X	-0.01	-0.01	0	%100
6	6	X	-0.01	-0.01	0	%100
7	7	X	-0.01	-0.01	0	%100
8	8	X	-0.01	-0.01	0	%100
9	9	X	-0.01	-0.01	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Distributed Loads (BLC 3 : 90 Wind - No Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
10	10	X	-0.01	-0.01	0	%100
11	11	X	-0.01	-0.01	0	%100
12	12	X	-0.01	-0.01	0	%100
13	13	X	-0.01	-0.01	0	%100
14	14	X	-0.01	-0.01	0	%100
15	15	X	-0.01	-0.01	0	%100
16	16	X	-0.01	-0.01	0	%100
17	17	X	-0.019	-0.019	0	%100
18	18	X	-0.014	-0.014	0	%100
19	19	X	-0.011	-0.011	0	%100
20	20	X	-0.019	-0.019	0	%100
21	21	X	-0.014	-0.014	0	%100
22	22	X	-0.011	-0.011	0	%100
23	23	X	-0.019	-0.019	0	%100
24	24	X	-0.014	-0.014	0	%100
25	25	X	-0.011	-0.011	0	%100
26	26	X	-0.019	-0.019	0	%100
27	27	X	-0.014	-0.014	0	%100
28	28	X	-0.011	-0.011	0	%100
29	29	X	-0.019	-0.019	0	%100
30	30	X	-0.014	-0.014	0	%100
31	31	X	-0.011	-0.011	0	%100
32	32	X	-0.019	-0.019	0	%100
33	33	X	-0.014	-0.014	0	%100
34	34	X	-0.011	-0.011	0	%100
35	35	X	-0.019	-0.019	0	%100
36	36	X	-0.014	-0.014	0	%100
37	37	X	-0.011	-0.011	0	%100
38	38	X	-0.019	-0.019	0	%100
39	39	X	-0.014	-0.014	0	%100
40	40	X	-0.011	-0.011	0	%100
41	41	X	-0.019	-0.019	0	%100
42	42	X	-0.014	-0.014	0	%100
43	43	X	-0.011	-0.011	0	%100
44	44	X	-0.019	-0.019	0	%100
45	45	X	-0.014	-0.014	0	%100
46	46	X	-0.011	-0.011	0	%100
47	47	X	-0.019	-0.019	0	%100
48	48	X	-0.014	-0.014	0	%100
49	49	X	-0.011	-0.011	0	%100
50	50	X	-0.019	-0.019	0	%100
51	51	X	-0.014	-0.014	0	%100
52	52	X	-0.011	-0.011	0	%100
53	53	X	-0.019	-0.019	0	%100
54	54	X	-0.014	-0.014	0	%100
55	55	X	-0.011	-0.011	0	%100
56	56	X	-0.019	-0.019	0	%100
57	57	X	-0.014	-0.014	0	%100
58	58	X	-0.011	-0.011	0	%100
59	59	X	-0.019	-0.019	0	%100
60	60	X	-0.014	-0.014	0	%100
61	61	X	-0.011	-0.011	0	%100
62	63	X	-0.008	-0.008	0	%100
63	65	X	-0.008	-0.008	0	%100
64	70	X	-0.008	-0.008	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Distributed Loads (BLC 3 : 90 Wind - No Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
65	73	X	-0.008	-0.008	0	%100
66	76	X	-0.007	-0.007	0	%100
67	78	X	-0.008	-0.008	0	%100
68	80	X	-0.008	-0.008	0	%100
69	85	X	-0.008	-0.008	0	%100
70	88	X	-0.008	-0.008	0	%100
71	91	X	-0.007	-0.007	0	%100
72	92	X	-0.017	-0.017	0	%100
73	93	X	-0.017	-0.017	0	%100
74	94	X	-0.017	-0.017	0	%100
75	95	X	-0.017	-0.017	0	%100
76	96	X	-0.017	-0.017	0	%100
77	97	X	-0.017	-0.017	0	%100
78	98	X	-0.017	-0.017	0	%100
79	99	X	-0.017	-0.017	0	%100
80	102	X	-0.009	-0.009	0	%100
81	105	X	-0.009	-0.009	0	%100
82	110	X	-0.007	-0.007	0	%100
83	111	X	-0.007	-0.007	0	%100
84	114	X	-0.009	-0.009	0	%100
85	117	X	-0.009	-0.009	0	%100
86	122	X	-0.007	-0.007	0	%100
87	123	X	-0.007	-0.007	0	%100

Member Distributed Loads (BLC 4 : 0 Wind - Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.004	-0.004	0	%100
2	2	Z	-0.004	-0.004	0	%100
3	3	Z	-0.004	-0.004	0	%100
4	4	Z	-0.004	-0.004	0	%100
5	5	Z	-0.004	-0.004	0	%100
6	6	Z	-0.004	-0.004	0	%100
7	7	Z	-0.004	-0.004	0	%100
8	8	Z	-0.004	-0.004	0	%100
9	9	Z	-0.004	-0.004	0	%100
10	10	Z	-0.004	-0.004	0	%100
11	11	Z	-0.004	-0.004	0	%100
12	12	Z	-0.004	-0.004	0	%100
13	13	Z	-0.004	-0.004	0	%100
14	14	Z	-0.004	-0.004	0	%100
15	15	Z	-0.004	-0.004	0	%100
16	16	Z	-0.004	-0.004	0	%100
17	17	Z	-0.005	-0.005	0	%100
18	18	Z	-0.005	-0.005	0	%100
19	19	Z	-0.004	-0.004	0	%100
20	20	Z	-0.005	-0.005	0	%100
21	21	Z	-0.005	-0.005	0	%100
22	22	Z	-0.004	-0.004	0	%100
23	23	Z	-0.005	-0.005	0	%100
24	24	Z	-0.005	-0.005	0	%100
25	25	Z	-0.004	-0.004	0	%100
26	26	Z	-0.005	-0.005	0	%100
27	27	Z	-0.005	-0.005	0	%100
28	28	Z	-0.004	-0.004	0	%100
29	29	Z	-0.005	-0.005	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Distributed Loads (BLC 4 : 0 Wind - Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
30	30	Z	-0.005	-0.005	0	%100
31	31	Z	-0.004	-0.004	0	%100
32	32	Z	-0.005	-0.005	0	%100
33	33	Z	-0.005	-0.005	0	%100
34	34	Z	-0.004	-0.004	0	%100
35	35	Z	-0.005	-0.005	0	%100
36	36	Z	-0.005	-0.005	0	%100
37	37	Z	-0.004	-0.004	0	%100
38	38	Z	-0.005	-0.005	0	%100
39	39	Z	-0.005	-0.005	0	%100
40	40	Z	-0.004	-0.004	0	%100
41	41	Z	-0.005	-0.005	0	%100
42	42	Z	-0.005	-0.005	0	%100
43	43	Z	-0.004	-0.004	0	%100
44	44	Z	-0.005	-0.005	0	%100
45	45	Z	-0.005	-0.005	0	%100
46	46	Z	-0.004	-0.004	0	%100
47	47	Z	-0.005	-0.005	0	%100
48	48	Z	-0.005	-0.005	0	%100
49	49	Z	-0.004	-0.004	0	%100
50	50	Z	-0.005	-0.005	0	%100
51	51	Z	-0.005	-0.005	0	%100
52	52	Z	-0.004	-0.004	0	%100
53	53	Z	-0.005	-0.005	0	%100
54	54	Z	-0.005	-0.005	0	%100
55	55	Z	-0.004	-0.004	0	%100
56	56	Z	-0.005	-0.005	0	%100
57	57	Z	-0.005	-0.005	0	%100
58	58	Z	-0.004	-0.004	0	%100
59	59	Z	-0.005	-0.005	0	%100
60	60	Z	-0.005	-0.005	0	%100
61	61	Z	-0.004	-0.004	0	%100
62	63	Z	-0.001	-0.001	0	%100
63	65	Z	-0.001	-0.001	0	%100
64	70	Z	-0.001	-0.001	0	%100
65	73	Z	-0.001	-0.001	0	%100
66	76	Z	-0.001	-0.001	0	%100
67	78	Z	-0.001	-0.001	0	%100
68	80	Z	-0.001	-0.001	0	%100
69	85	Z	-0.001	-0.001	0	%100
70	88	Z	-0.001	-0.001	0	%100
71	91	Z	-0.001	-0.001	0	%100
72	92	Z	-0.005	-0.005	0	%100
73	93	Z	-0.005	-0.005	0	%100
74	94	Z	-0.005	-0.005	0	%100
75	95	Z	-0.005	-0.005	0	%100
76	96	Z	-0.005	-0.005	0	%100
77	97	Z	-0.005	-0.005	0	%100
78	98	Z	-0.005	-0.005	0	%100
79	99	Z	-0.005	-0.005	0	%100
80	102	Z	-0.004	-0.004	0	%100
81	105	Z	-0.004	-0.004	0	%100
82	110	Z	-0.004	-0.004	0	%100
83	111	Z	-0.004	-0.004	0	%100
84	114	Z	-0.004	-0.004	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

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Member Distributed Loads (BLC 4 : 0 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
85	117	Z	-0.004	-0.004	0	%100
86	122	Z	-0.004	-0.004	0	%100
87	123	Z	-0.004	-0.004	0	%100

Member Distributed Loads (BLC 5 : 90 Wind - Ice)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.004	-0.004	0	%100
2	2	X	-0.004	-0.004	0	%100
3	3	X	-0.004	-0.004	0	%100
4	4	X	-0.004	-0.004	0	%100
5	5	X	-0.004	-0.004	0	%100
6	6	X	-0.004	-0.004	0	%100
7	7	X	-0.004	-0.004	0	%100
8	8	X	-0.004	-0.004	0	%100
9	9	X	-0.004	-0.004	0	%100
10	10	X	-0.004	-0.004	0	%100
11	11	X	-0.004	-0.004	0	%100
12	12	X	-0.004	-0.004	0	%100
13	13	X	-0.004	-0.004	0	%100
14	14	X	-0.004	-0.004	0	%100
15	15	X	-0.004	-0.004	0	%100
16	16	X	-0.004	-0.004	0	%100
17	17	X	-0.005	-0.005	0	%100
18	18	X	-0.005	-0.005	0	%100
19	19	X	-0.004	-0.004	0	%100
20	20	X	-0.005	-0.005	0	%100
21	21	X	-0.005	-0.005	0	%100
22	22	X	-0.004	-0.004	0	%100
23	23	X	-0.005	-0.005	0	%100
24	24	X	-0.005	-0.005	0	%100
25	25	X	-0.004	-0.004	0	%100
26	26	X	-0.005	-0.005	0	%100
27	27	X	-0.005	-0.005	0	%100
28	28	X	-0.004	-0.004	0	%100
29	29	X	-0.005	-0.005	0	%100
30	30	X	-0.005	-0.005	0	%100
31	31	X	-0.004	-0.004	0	%100
32	32	X	-0.005	-0.005	0	%100
33	33	X	-0.005	-0.005	0	%100
34	34	X	-0.004	-0.004	0	%100
35	35	X	-0.005	-0.005	0	%100
36	36	X	-0.005	-0.005	0	%100
37	37	X	-0.004	-0.004	0	%100
38	38	X	-0.005	-0.005	0	%100
39	39	X	-0.005	-0.005	0	%100
40	40	X	-0.004	-0.004	0	%100
41	41	X	-0.005	-0.005	0	%100
42	42	X	-0.005	-0.005	0	%100
43	43	X	-0.004	-0.004	0	%100
44	44	X	-0.005	-0.005	0	%100
45	45	X	-0.005	-0.005	0	%100
46	46	X	-0.004	-0.004	0	%100
47	47	X	-0.005	-0.005	0	%100
48	48	X	-0.005	-0.005	0	%100
49	49	X	-0.004	-0.004	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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 Checked By : _____

Member Distributed Loads (BLC 5 : 90 Wind - Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
50	50	X	-0.005	-0.005	0	%100
51	51	X	-0.005	-0.005	0	%100
52	52	X	-0.004	-0.004	0	%100
53	53	X	-0.005	-0.005	0	%100
54	54	X	-0.005	-0.005	0	%100
55	55	X	-0.004	-0.004	0	%100
56	56	X	-0.005	-0.005	0	%100
57	57	X	-0.005	-0.005	0	%100
58	58	X	-0.004	-0.004	0	%100
59	59	X	-0.005	-0.005	0	%100
60	60	X	-0.005	-0.005	0	%100
61	61	X	-0.004	-0.004	0	%100
62	63	X	-0.001	-0.001	0	%100
63	65	X	-0.001	-0.001	0	%100
64	70	X	-0.001	-0.001	0	%100
65	73	X	-0.001	-0.001	0	%100
66	76	X	-0.001	-0.001	0	%100
67	78	X	-0.001	-0.001	0	%100
68	80	X	-0.001	-0.001	0	%100
69	85	X	-0.001	-0.001	0	%100
70	88	X	-0.001	-0.001	0	%100
71	91	X	-0.001	-0.001	0	%100
72	92	X	-0.005	-0.005	0	%100
73	93	X	-0.005	-0.005	0	%100
74	94	X	-0.005	-0.005	0	%100
75	95	X	-0.005	-0.005	0	%100
76	96	X	-0.005	-0.005	0	%100
77	97	X	-0.005	-0.005	0	%100
78	98	X	-0.005	-0.005	0	%100
79	99	X	-0.005	-0.005	0	%100
80	102	X	-0.004	-0.004	0	%100
81	105	X	-0.004	-0.004	0	%100
82	110	X	-0.004	-0.004	0	%100
83	111	X	-0.004	-0.004	0	%100
84	114	X	-0.004	-0.004	0	%100
85	117	X	-0.004	-0.004	0	%100
86	122	X	-0.004	-0.004	0	%100
87	123	X	-0.004	-0.004	0	%100

Member Distributed Loads (BLC 6 : 0 Wind - Service)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.0008	-0.0008	0	%100
2	2	Z	-0.0008	-0.0008	0	%100
3	3	Z	-0.0008	-0.0008	0	%100
4	4	Z	-0.0008	-0.0008	0	%100
5	5	Z	-0.0008	-0.0008	0	%100
6	6	Z	-0.0008	-0.0008	0	%100
7	7	Z	-0.0008	-0.0008	0	%100
8	8	Z	-0.0008	-0.0008	0	%100
9	9	Z	-0.0008	-0.0008	0	%100
10	10	Z	-0.0008	-0.0008	0	%100
11	11	Z	-0.0008	-0.0008	0	%100
12	12	Z	-0.0008	-0.0008	0	%100
13	13	Z	-0.0008	-0.0008	0	%100
14	14	Z	-0.0008	-0.0008	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Member Distributed Loads (BLC 6 : 0 Wind - Service) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
15	15	Z	-0.0008	-0.0008	0	%100
16	16	Z	-0.0008	-0.0008	0	%100
17	17	Z	-0.002	-0.002	0	%100
18	18	Z	-0.001	-0.001	0	%100
19	19	Z	-0.0008	-0.0008	0	%100
20	20	Z	-0.002	-0.002	0	%100
21	21	Z	-0.001	-0.001	0	%100
22	22	Z	-0.0008	-0.0008	0	%100
23	23	Z	-0.002	-0.002	0	%100
24	24	Z	-0.001	-0.001	0	%100
25	25	Z	-0.0008	-0.0008	0	%100
26	26	Z	-0.002	-0.002	0	%100
27	27	Z	-0.001	-0.001	0	%100
28	28	Z	-0.0008	-0.0008	0	%100
29	29	Z	-0.002	-0.002	0	%100
30	30	Z	-0.001	-0.001	0	%100
31	31	Z	-0.0008	-0.0008	0	%100
32	32	Z	-0.002	-0.002	0	%100
33	33	Z	-0.001	-0.001	0	%100
34	34	Z	-0.0008	-0.0008	0	%100
35	35	Z	-0.002	-0.002	0	%100
36	36	Z	-0.001	-0.001	0	%100
37	37	Z	-0.0008	-0.0008	0	%100
38	38	Z	-0.002	-0.002	0	%100
39	39	Z	-0.001	-0.001	0	%100
40	40	Z	-0.0008	-0.0008	0	%100
41	41	Z	-0.002	-0.002	0	%100
42	42	Z	-0.001	-0.001	0	%100
43	43	Z	-0.0008	-0.0008	0	%100
44	44	Z	-0.002	-0.002	0	%100
45	45	Z	-0.001	-0.001	0	%100
46	46	Z	-0.0008	-0.0008	0	%100
47	47	Z	-0.002	-0.002	0	%100
48	48	Z	-0.001	-0.001	0	%100
49	49	Z	-0.0008	-0.0008	0	%100
50	50	Z	-0.002	-0.002	0	%100
51	51	Z	-0.001	-0.001	0	%100
52	52	Z	-0.0008	-0.0008	0	%100
53	53	Z	-0.002	-0.002	0	%100
54	54	Z	-0.001	-0.001	0	%100
55	55	Z	-0.0008	-0.0008	0	%100
56	56	Z	-0.002	-0.002	0	%100
57	57	Z	-0.001	-0.001	0	%100
58	58	Z	-0.0008	-0.0008	0	%100
59	59	Z	-0.002	-0.002	0	%100
60	60	Z	-0.001	-0.001	0	%100
61	61	Z	-0.0008	-0.0008	0	%100
62	63	Z	-0.0003	-0.0003	0	%100
63	65	Z	-0.0003	-0.0003	0	%100
64	70	Z	-0.0003	-0.0003	0	%100
65	73	Z	-0.0003	-0.0003	0	%100
66	76	Z	-0.0003	-0.0003	0	%100
67	78	Z	-0.0003	-0.0003	0	%100
68	80	Z	-0.0003	-0.0003	0	%100
69	85	Z	-0.0003	-0.0003	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Member Distributed Loads (BLC 6 : 0 Wind - Service) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
70	88	Z	-0.0003	-0.0003	0	%100
71	91	Z	-0.0003	-0.0003	0	%100
72	92	Z	-0.001	-0.001	0	%100
73	93	Z	-0.001	-0.001	0	%100
74	94	Z	-0.001	-0.001	0	%100
75	95	Z	-0.001	-0.001	0	%100
76	96	Z	-0.001	-0.001	0	%100
77	97	Z	-0.001	-0.001	0	%100
78	98	Z	-0.001	-0.001	0	%100
79	99	Z	-0.001	-0.001	0	%100
80	102	Z	-0.0007	-0.0007	0	%100
81	105	Z	-0.0007	-0.0007	0	%100
82	110	Z	-0.0006	-0.0006	0	%100
83	111	Z	-0.0006	-0.0006	0	%100
84	114	Z	-0.0007	-0.0007	0	%100
85	117	Z	-0.0007	-0.0007	0	%100
86	122	Z	-0.0006	-0.0006	0	%100
87	123	Z	-0.0006	-0.0006	0	%100

Member Distributed Loads (BLC 7 : 90 Wind - Service)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.0008	-0.0008	0	%100
2	2	X	-0.0008	-0.0008	0	%100
3	3	X	-0.0008	-0.0008	0	%100
4	4	X	-0.0008	-0.0008	0	%100
5	5	X	-0.0008	-0.0008	0	%100
6	6	X	-0.0008	-0.0008	0	%100
7	7	X	-0.0008	-0.0008	0	%100
8	8	X	-0.0008	-0.0008	0	%100
9	9	X	-0.0008	-0.0008	0	%100
10	10	X	-0.0008	-0.0008	0	%100
11	11	X	-0.0008	-0.0008	0	%100
12	12	X	-0.0008	-0.0008	0	%100
13	13	X	-0.0008	-0.0008	0	%100
14	14	X	-0.0008	-0.0008	0	%100
15	15	X	-0.0008	-0.0008	0	%100
16	16	X	-0.0008	-0.0008	0	%100
17	17	X	-0.002	-0.002	0	%100
18	18	X	-0.001	-0.001	0	%100
19	19	X	-0.0008	-0.0008	0	%100
20	20	X	-0.002	-0.002	0	%100
21	21	X	-0.001	-0.001	0	%100
22	22	X	-0.0008	-0.0008	0	%100
23	23	X	-0.002	-0.002	0	%100
24	24	X	-0.001	-0.001	0	%100
25	25	X	-0.0008	-0.0008	0	%100
26	26	X	-0.002	-0.002	0	%100
27	27	X	-0.001	-0.001	0	%100
28	28	X	-0.0008	-0.0008	0	%100
29	29	X	-0.002	-0.002	0	%100
30	30	X	-0.001	-0.001	0	%100
31	31	X	-0.0008	-0.0008	0	%100
32	32	X	-0.002	-0.002	0	%100
33	33	X	-0.001	-0.001	0	%100
34	34	X	-0.0008	-0.0008	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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 Checked By : _____

Member Distributed Loads (BLC 7 : 90 Wind - Service) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
35	35	X	-0.002	-0.002	0	%100
36	36	X	-0.001	-0.001	0	%100
37	37	X	-0.0008	-0.0008	0	%100
38	38	X	-0.002	-0.002	0	%100
39	39	X	-0.001	-0.001	0	%100
40	40	X	-0.0008	-0.0008	0	%100
41	41	X	-0.002	-0.002	0	%100
42	42	X	-0.001	-0.001	0	%100
43	43	X	-0.0008	-0.0008	0	%100
44	44	X	-0.002	-0.002	0	%100
45	45	X	-0.001	-0.001	0	%100
46	46	X	-0.0008	-0.0008	0	%100
47	47	X	-0.002	-0.002	0	%100
48	48	X	-0.001	-0.001	0	%100
49	49	X	-0.0008	-0.0008	0	%100
50	50	X	-0.002	-0.002	0	%100
51	51	X	-0.001	-0.001	0	%100
52	52	X	-0.0008	-0.0008	0	%100
53	53	X	-0.002	-0.002	0	%100
54	54	X	-0.001	-0.001	0	%100
55	55	X	-0.0008	-0.0008	0	%100
56	56	X	-0.002	-0.002	0	%100
57	57	X	-0.001	-0.001	0	%100
58	58	X	-0.0008	-0.0008	0	%100
59	59	X	-0.002	-0.002	0	%100
60	60	X	-0.001	-0.001	0	%100
61	61	X	-0.0008	-0.0008	0	%100
62	63	X	-0.0003	-0.0003	0	%100
63	65	X	-0.0003	-0.0003	0	%100
64	70	X	-0.0003	-0.0003	0	%100
65	73	X	-0.0003	-0.0003	0	%100
66	76	X	-0.0003	-0.0003	0	%100
67	78	X	-0.0003	-0.0003	0	%100
68	80	X	-0.0003	-0.0003	0	%100
69	85	X	-0.0003	-0.0003	0	%100
70	88	X	-0.0003	-0.0003	0	%100
71	91	X	-0.0003	-0.0003	0	%100
72	92	X	-0.001	-0.001	0	%100
73	93	X	-0.001	-0.001	0	%100
74	94	X	-0.001	-0.001	0	%100
75	95	X	-0.001	-0.001	0	%100
76	96	X	-0.001	-0.001	0	%100
77	97	X	-0.001	-0.001	0	%100
78	98	X	-0.001	-0.001	0	%100
79	99	X	-0.001	-0.001	0	%100
80	102	X	-0.0007	-0.0007	0	%100
81	105	X	-0.0007	-0.0007	0	%100
82	110	X	-0.0006	-0.0006	0	%100
83	111	X	-0.0006	-0.0006	0	%100
84	114	X	-0.0007	-0.0007	0	%100
85	117	X	-0.0007	-0.0007	0	%100
86	122	X	-0.0006	-0.0006	0	%100
87	123	X	-0.0006	-0.0006	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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 Checked By : _____

Member Distributed Loads (BLC 8 : Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Y	-0.01	-0.01	0	%100
2	2	Y	-0.01	-0.01	0	%100
3	3	Y	-0.01	-0.01	0	%100
4	4	Y	-0.01	-0.01	0	%100
5	5	Y	-0.01	-0.01	0	%100
6	6	Y	-0.01	-0.01	0	%100
7	7	Y	-0.01	-0.01	0	%100
8	8	Y	-0.01	-0.01	0	%100
9	9	Y	-0.01	-0.01	0	%100
10	10	Y	-0.01	-0.01	0	%100
11	11	Y	-0.01	-0.01	0	%100
12	12	Y	-0.01	-0.01	0	%100
13	13	Y	-0.01	-0.01	0	%100
14	14	Y	-0.01	-0.01	0	%100
15	15	Y	-0.01	-0.01	0	%100
16	16	Y	-0.01	-0.01	0	%100
17	17	Y	-0.012	-0.012	0	%100
18	18	Y	-0.011	-0.011	0	%100
19	19	Y	-0.01	-0.01	0	%100
20	20	Y	-0.012	-0.012	0	%100
21	21	Y	-0.011	-0.011	0	%100
22	22	Y	-0.01	-0.01	0	%100
23	23	Y	-0.012	-0.012	0	%100
24	24	Y	-0.011	-0.011	0	%100
25	25	Y	-0.01	-0.01	0	%100
26	26	Y	-0.012	-0.012	0	%100
27	27	Y	-0.011	-0.011	0	%100
28	28	Y	-0.01	-0.01	0	%100
29	29	Y	-0.012	-0.012	0	%100
30	30	Y	-0.011	-0.011	0	%100
31	31	Y	-0.01	-0.01	0	%100
32	32	Y	-0.012	-0.012	0	%100
33	33	Y	-0.011	-0.011	0	%100
34	34	Y	-0.01	-0.01	0	%100
35	35	Y	-0.012	-0.012	0	%100
36	36	Y	-0.011	-0.011	0	%100
37	37	Y	-0.01	-0.01	0	%100
38	38	Y	-0.012	-0.012	0	%100
39	39	Y	-0.011	-0.011	0	%100
40	40	Y	-0.01	-0.01	0	%100
41	41	Y	-0.012	-0.012	0	%100
42	42	Y	-0.011	-0.011	0	%100
43	43	Y	-0.01	-0.01	0	%100
44	44	Y	-0.012	-0.012	0	%100
45	45	Y	-0.011	-0.011	0	%100
46	46	Y	-0.01	-0.01	0	%100
47	47	Y	-0.012	-0.012	0	%100
48	48	Y	-0.011	-0.011	0	%100
49	49	Y	-0.01	-0.01	0	%100
50	50	Y	-0.012	-0.012	0	%100
51	51	Y	-0.011	-0.011	0	%100
52	52	Y	-0.01	-0.01	0	%100
53	53	Y	-0.012	-0.012	0	%100
54	54	Y	-0.011	-0.011	0	%100
55	55	Y	-0.01	-0.01	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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 Checked By : _____

Member Distributed Loads (BLC 8 : Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
56	56	Y	-0.012	-0.012	0	%100
57	57	Y	-0.011	-0.011	0	%100
58	58	Y	-0.01	-0.01	0	%100
59	59	Y	-0.012	-0.012	0	%100
60	60	Y	-0.011	-0.011	0	%100
61	61	Y	-0.01	-0.01	0	%100
62	63	Y	-0.009	-0.009	0	%100
63	65	Y	-0.009	-0.009	0	%100
64	70	Y	-0.009	-0.009	0	%100
65	73	Y	-0.009	-0.009	0	%100
66	76	Y	-0.009	-0.009	0	%100
67	78	Y	-0.009	-0.009	0	%100
68	80	Y	-0.009	-0.009	0	%100
69	85	Y	-0.009	-0.009	0	%100
70	88	Y	-0.009	-0.009	0	%100
71	91	Y	-0.009	-0.009	0	%100
72	92	Y	-0.015	-0.015	0	%100
73	93	Y	-0.015	-0.015	0	%100
74	94	Y	-0.015	-0.015	0	%100
75	95	Y	-0.015	-0.015	0	%100
76	96	Y	-0.015	-0.015	0	%100
77	97	Y	-0.015	-0.015	0	%100
78	98	Y	-0.015	-0.015	0	%100
79	99	Y	-0.015	-0.015	0	%100
80	102	Y	-0.008	-0.008	0	%100
81	105	Y	-0.008	-0.008	0	%100
82	110	Y	-0.008	-0.008	0	%100
83	111	Y	-0.008	-0.008	0	%100
84	114	Y	-0.008	-0.008	0	%100
85	117	Y	-0.008	-0.008	0	%100
86	122	Y	-0.008	-0.008	0	%100
87	123	Y	-0.008	-0.008	0	%100

Member Distributed Loads (BLC 9 : 0 Seismic)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.002	-0.002	0	%100
2	2	Z	-0.002	-0.002	0	%100
3	3	Z	-0.002	-0.002	0	%100
4	4	Z	-0.002	-0.002	0	%100
5	5	Z	-0.002	-0.002	0	%100
6	6	Z	-0.002	-0.002	0	%100
7	7	Z	-0.002	-0.002	0	%100
8	8	Z	-0.002	-0.002	0	%100
9	9	Z	-0.002	-0.002	0	%100
10	10	Z	-0.002	-0.002	0	%100
11	11	Z	-0.002	-0.002	0	%100
12	12	Z	-0.002	-0.002	0	%100
13	13	Z	-0.002	-0.002	0	%100
14	14	Z	-0.002	-0.002	0	%100
15	15	Z	-0.002	-0.002	0	%100
16	16	Z	-0.002	-0.002	0	%100
17	17	Z	-0.003	-0.003	0	%100
18	18	Z	-0.002	-0.002	0	%100
19	19	Z	-0.002	-0.002	0	%100
20	20	Z	-0.003	-0.003	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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 Checked By : _____

Member Distributed Loads (BLC 9 : 0 Seismic) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
21	21	Z	-0.002	-0.002	0	%100
22	22	Z	-0.002	-0.002	0	%100
23	23	Z	-0.003	-0.003	0	%100
24	24	Z	-0.002	-0.002	0	%100
25	25	Z	-0.002	-0.002	0	%100
26	26	Z	-0.003	-0.003	0	%100
27	27	Z	-0.002	-0.002	0	%100
28	28	Z	-0.002	-0.002	0	%100
29	29	Z	-0.003	-0.003	0	%100
30	30	Z	-0.002	-0.002	0	%100
31	31	Z	-0.002	-0.002	0	%100
32	32	Z	-0.003	-0.003	0	%100
33	33	Z	-0.002	-0.002	0	%100
34	34	Z	-0.002	-0.002	0	%100
35	35	Z	-0.003	-0.003	0	%100
36	36	Z	-0.002	-0.002	0	%100
37	37	Z	-0.002	-0.002	0	%100
38	38	Z	-0.003	-0.003	0	%100
39	39	Z	-0.002	-0.002	0	%100
40	40	Z	-0.002	-0.002	0	%100
41	41	Z	-0.003	-0.003	0	%100
42	42	Z	-0.002	-0.002	0	%100
43	43	Z	-0.002	-0.002	0	%100
44	44	Z	-0.003	-0.003	0	%100
45	45	Z	-0.002	-0.002	0	%100
46	46	Z	-0.002	-0.002	0	%100
47	47	Z	-0.003	-0.003	0	%100
48	48	Z	-0.002	-0.002	0	%100
49	49	Z	-0.002	-0.002	0	%100
50	50	Z	-0.003	-0.003	0	%100
51	51	Z	-0.002	-0.002	0	%100
52	52	Z	-0.002	-0.002	0	%100
53	53	Z	-0.003	-0.003	0	%100
54	54	Z	-0.002	-0.002	0	%100
55	55	Z	-0.002	-0.002	0	%100
56	56	Z	-0.003	-0.003	0	%100
57	57	Z	-0.002	-0.002	0	%100
58	58	Z	-0.002	-0.002	0	%100
59	59	Z	-0.003	-0.003	0	%100
60	60	Z	-0.002	-0.002	0	%100
61	61	Z	-0.002	-0.002	0	%100
62	63	Z	-0.002	-0.002	0	%100
63	65	Z	-0.002	-0.002	0	%100
64	70	Z	-0.002	-0.002	0	%100
65	73	Z	-0.002	-0.002	0	%100
66	76	Z	-0.002	-0.002	0	%100
67	78	Z	-0.002	-0.002	0	%100
68	80	Z	-0.002	-0.002	0	%100
69	85	Z	-0.002	-0.002	0	%100
70	88	Z	-0.002	-0.002	0	%100
71	91	Z	-0.002	-0.002	0	%100
72	92	Z	-0.003	-0.003	0	%100
73	93	Z	-0.003	-0.003	0	%100
74	94	Z	-0.003	-0.003	0	%100
75	95	Z	-0.003	-0.003	0	%100



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Member Distributed Loads (BLC 9 : 0 Seismic) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
76	96	Z	-0.003	-0.003	0	%100
77	97	Z	-0.003	-0.003	0	%100
78	98	Z	-0.003	-0.003	0	%100
79	99	Z	-0.003	-0.003	0	%100
80	102	Z	-0.0007	-0.0007	0	%100
81	105	Z	-0.0007	-0.0007	0	%100
82	110	Z	-0.0007	-0.0007	0	%100
83	111	Z	-0.0007	-0.0007	0	%100
84	114	Z	-0.0007	-0.0007	0	%100
85	117	Z	-0.0007	-0.0007	0	%100
86	122	Z	-0.0007	-0.0007	0	%100
87	123	Z	-0.0007	-0.0007	0	%100

Member Distributed Loads (BLC 10 : 90 Seismic)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.002	-0.002	0	%100
2	2	X	-0.002	-0.002	0	%100
3	3	X	-0.002	-0.002	0	%100
4	4	X	-0.002	-0.002	0	%100
5	5	X	-0.002	-0.002	0	%100
6	6	X	-0.002	-0.002	0	%100
7	7	X	-0.002	-0.002	0	%100
8	8	X	-0.002	-0.002	0	%100
9	9	X	-0.002	-0.002	0	%100
10	10	X	-0.002	-0.002	0	%100
11	11	X	-0.002	-0.002	0	%100
12	12	X	-0.002	-0.002	0	%100
13	13	X	-0.002	-0.002	0	%100
14	14	X	-0.002	-0.002	0	%100
15	15	X	-0.002	-0.002	0	%100
16	16	X	-0.002	-0.002	0	%100
17	17	X	-0.003	-0.003	0	%100
18	18	X	-0.002	-0.002	0	%100
19	19	X	-0.002	-0.002	0	%100
20	20	X	-0.003	-0.003	0	%100
21	21	X	-0.002	-0.002	0	%100
22	22	X	-0.002	-0.002	0	%100
23	23	X	-0.003	-0.003	0	%100
24	24	X	-0.002	-0.002	0	%100
25	25	X	-0.002	-0.002	0	%100
26	26	X	-0.003	-0.003	0	%100
27	27	X	-0.002	-0.002	0	%100
28	28	X	-0.002	-0.002	0	%100
29	29	X	-0.003	-0.003	0	%100
30	30	X	-0.002	-0.002	0	%100
31	31	X	-0.002	-0.002	0	%100
32	32	X	-0.003	-0.003	0	%100
33	33	X	-0.002	-0.002	0	%100
34	34	X	-0.002	-0.002	0	%100
35	35	X	-0.003	-0.003	0	%100
36	36	X	-0.002	-0.002	0	%100
37	37	X	-0.002	-0.002	0	%100
38	38	X	-0.003	-0.003	0	%100
39	39	X	-0.002	-0.002	0	%100
40	40	X	-0.002	-0.002	0	%100

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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 Checked By : _____

Member Distributed Loads (BLC 10 : 90 Seismic) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
41	41	X	-0.003	-0.003	0	%100
42	42	X	-0.002	-0.002	0	%100
43	43	X	-0.002	-0.002	0	%100
44	44	X	-0.003	-0.003	0	%100
45	45	X	-0.002	-0.002	0	%100
46	46	X	-0.002	-0.002	0	%100
47	47	X	-0.003	-0.003	0	%100
48	48	X	-0.002	-0.002	0	%100
49	49	X	-0.002	-0.002	0	%100
50	50	X	-0.003	-0.003	0	%100
51	51	X	-0.002	-0.002	0	%100
52	52	X	-0.002	-0.002	0	%100
53	53	X	-0.003	-0.003	0	%100
54	54	X	-0.002	-0.002	0	%100
55	55	X	-0.002	-0.002	0	%100
56	56	X	-0.003	-0.003	0	%100
57	57	X	-0.002	-0.002	0	%100
58	58	X	-0.002	-0.002	0	%100
59	59	X	-0.003	-0.003	0	%100
60	60	X	-0.002	-0.002	0	%100
61	61	X	-0.002	-0.002	0	%100
62	63	X	-0.002	-0.002	0	%100
63	65	X	-0.002	-0.002	0	%100
64	70	X	-0.002	-0.002	0	%100
65	73	X	-0.002	-0.002	0	%100
66	76	X	-0.002	-0.002	0	%100
67	78	X	-0.002	-0.002	0	%100
68	80	X	-0.002	-0.002	0	%100
69	85	X	-0.002	-0.002	0	%100
70	88	X	-0.002	-0.002	0	%100
71	91	X	-0.002	-0.002	0	%100
72	92	X	-0.003	-0.003	0	%100
73	93	X	-0.003	-0.003	0	%100
74	94	X	-0.003	-0.003	0	%100
75	95	X	-0.003	-0.003	0	%100
76	96	X	-0.003	-0.003	0	%100
77	97	X	-0.003	-0.003	0	%100
78	98	X	-0.003	-0.003	0	%100
79	99	X	-0.003	-0.003	0	%100
80	102	X	-0.0007	-0.0007	0	%100
81	105	X	-0.0007	-0.0007	0	%100
82	110	X	-0.0007	-0.0007	0	%100
83	111	X	-0.0007	-0.0007	0	%100
84	114	X	-0.0007	-0.0007	0	%100
85	117	X	-0.0007	-0.0007	0	%100
86	122	X	-0.0007	-0.0007	0	%100
87	123	X	-0.0007	-0.0007	0	%100

Nodal Loads and Enforced Displacements

No Data to Print...

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Basic Load Cases

	BLC Description	Category	Y Gravity	Point	Distributed
1	Dead	DL	-1	105	
2	0 Wind - No Ice	WLZ		105	87
3	90 Wind - No Ice	WLX		105	87
4	0 Wind - Ice	WLZ		105	87
5	90 Wind - Ice	WLX		105	87
6	0 Wind - Service	WLZ		105	87
7	90 Wind - Service	WLX		105	87
8	Ice	OL1		105	87
9	0 Seismic	ELZ		105	87
10	90 Seismic	ELX		105	87
11	Live Load a	LL			
12	Live Load b	LL			
13	Live Load c	LL			
14	Live Load d	LL			
15	Maint LL 1	LL			
16	Maint LL 2	LL			
17	Maint LL 3	LL			
18	Maint LL 4	LL			
19	Maint LL 5	LL			
20	Maint LL 6	LL			
21	Maint LL 7	LL			
22	Maint LL 8	LL			
23	Maint LL 9	LL			
24	Maint LL 10	LL			
25	Maint LL 11	LL			
26	Maint LL 12	LL			
27	Maint LL 13	LL			
28	Maint LL 14	LL			
29	Maint LL 15	LL			

Load Combinations

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	1.4 Dead	Yes	Y	1	1.4						
2	1.2 D + 1.0 - 0 W	Yes	Y	1	1.2	2	1				
3	1.2 D + 1.0 - 30 W	Yes	Y	1	1.2	2	0.866	3	0.5		
4	1.2 D + 1.0 - 60 W	Yes	Y	1	1.2	3	0.866	2	0.5		
5	1.2 D + 1.0 - 90 W	Yes	Y	1	1.2	3	1				
6	1.2 D + 1.0 - 120 W	Yes	Y	1	1.2	3	0.866	2	-0.5		
7	1.2 D + 1.0 - 150 W	Yes	Y	1	1.2	2	-0.866	3	0.5		
8	1.2 D + 1.0 - 180 W	Yes	Y	1	1.2	2	-1				
9	1.2 D + 1.0 - 210 W	Yes	Y	1	1.2	2	-0.866	3	-0.5		
10	1.2 D + 1.0 - 240 W	Yes	Y	1	1.2	3	-0.866	2	-0.5		
11	1.2 D + 1.0 - 270 W	Yes	Y	1	1.2	3	-1				
12	1.2 D + 1.0 - 300 W	Yes	Y	1	1.2	3	-0.866	2	0.5		
13	1.2 D + 1.0 - 330 W	Yes	Y	1	1.2	2	0.866	3	-0.5		
14	1.2 D + 1.0 - 0 W/Ice	Yes	Y	1	1.2	4	1			8	1
15	1.2 D + 1.0 - 30 W/Ice	Yes	Y	1	1.2	4	0.866	5	0.5	8	1
16	1.2 D + 1.0 - 60 W/Ice	Yes	Y	1	1.2	5	0.866	4	0.5	8	1
17	1.2 D + 1.0 - 90 W/Ice	Yes	Y	1	1.2	5	1			8	1
18	1.2 D + 1.0 - 120 W/Ice	Yes	Y	1	1.2	5	0.866	4	-0.5	8	1
19	1.2 D + 1.0 - 150 W/Ice	Yes	Y	1	1.2	4	-0.866	5	0.5	8	1
20	1.2 D + 1.0 - 180 W/Ice	Yes	Y	1	1.2	4	-1			8	1
21	1.2 D + 1.0 - 210 W/Ice	Yes	Y	1	1.2	4	-0.866	5	-0.5	8	1
22	1.2 D + 1.0 - 240 W/Ice	Yes	Y	1	1.2	5	-0.866	4	-0.5	8	1



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
23	1.2 D + 1.0 - 270 W/Ice	Yes	Y	1	1.2	5	-1			8	1
24	1.2 D + 1.0 - 300 W/Ice	Yes	Y	1	1.2	5	-0.866	4	0.5	8	1
25	1.2 D + 1.0 - 330 W/Ice	Yes	Y	1	1.2	4	0.866	5	-0.5	8	1
26	1.2 D + 1.0 E - 0	Yes	Y	1	1.2	9	1				
27	1.2 D + 1.0 E - 30	Yes	Y	1	1.2	9	0.866	10	0.5		
28	1.2 D + 1.0 E - 60	Yes	Y	1	1.2	10	0.866	9	0.5		
29	1.2 D + 1.0 E - 90	Yes	Y	1	1.2	10	1				
30	1.2 D + 1.0 E - 120	Yes	Y	1	1.2	10	0.866	9	-0.5		
31	1.2 D + 1.0 E - 150	Yes	Y	1	1.2	9	-0.866	10	0.5		
32	1.2 D + 1.0 E - 180	Yes	Y	1	1.2	9	-1				
33	1.2 D + 1.0 E - 210	Yes	Y	1	1.2	9	-0.866	10	-0.5		
34	1.2 D + 1.0 E - 240	Yes	Y	1	1.2	10	-0.866	9	-0.5		
35	1.2 D + 1.0 E - 270	Yes	Y	1	1.2	10	-1				
36	1.2 D + 1.0 E - 300	Yes	Y	1	1.2	10	-0.866	9	0.5		
37	1.2 D + 1.0 E - 330	Yes	Y	1	1.2	9	0.866	10	-0.5		
38	1.2 D + 1.5 LL a + Service - 0 W	Yes	Y	1	1.2	6	1			11	1.5
39	1.2 D + 1.5 LL a + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	11	1.5
40	1.2 D + 1.5 LL a + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	11	1.5
41	1.2 D + 1.5 LL a + Service - 90 W	Yes	Y	1	1.2	7	1			11	1.5
42	1.2 D + 1.5 LL a + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	11	1.5
43	1.2 D + 1.5 LL a + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	11	1.5
44	1.2 D + 1.5 LL a + Service - 180 W	Yes	Y	1	1.2	6	-1			11	1.5
45	1.2 D + 1.5 LL a + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	11	1.5
46	1.2 D + 1.5 LL a + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	11	1.5
47	1.2 D + 1.5 LL a + Service - 270 W	Yes	Y	1	1.2	7	-1			11	1.5
48	1.2 D + 1.5 LL a + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	11	1.5
49	1.2 D + 1.5 LL a + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	11	1.5
50	1.2 D + 1.5 LL b + Service - 0 W	Yes	Y	1	1.2	6	1			12	1.5
51	1.2 D + 1.5 LL b + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	12	1.5
52	1.2 D + 1.5 LL b + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	12	1.5
53	1.2 D + 1.5 LL b + Service - 90 W	Yes	Y	1	1.2	7	1			12	1.5
54	1.2 D + 1.5 LL b + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	12	1.5
55	1.2 D + 1.5 LL b + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	12	1.5
56	1.2 D + 1.5 LL b + Service - 180 W	Yes	Y	1	1.2	6	-1			12	1.5
57	1.2 D + 1.5 LL b + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	12	1.5
58	1.2 D + 1.5 LL b + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	12	1.5
59	1.2 D + 1.5 LL b + Service - 270 W	Yes	Y	1	1.2	7	-1			12	1.5
60	1.2 D + 1.5 LL b + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	12	1.5
61	1.2 D + 1.5 LL b + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	12	1.5
62	1.2 D + 1.5 LL c + Service - 0 W	Yes	Y	1	1.2	6	1			13	1.5
63	1.2 D + 1.5 LL c + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	13	1.5
64	1.2 D + 1.5 LL c + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	13	1.5
65	1.2 D + 1.5 LL c + Service - 90 W	Yes	Y	1	1.2	7	1			13	1.5
66	1.2 D + 1.5 LL c + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	13	1.5
67	1.2 D + 1.5 LL c + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	13	1.5
68	1.2 D + 1.5 LL c + Service - 180 W	Yes	Y	1	1.2	6	-1			13	1.5
69	1.2 D + 1.5 LL c + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	13	1.5
70	1.2 D + 1.5 LL c + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	13	1.5
71	1.2 D + 1.5 LL c + Service - 270 W	Yes	Y	1	1.2	7	-1			13	1.5
72	1.2 D + 1.5 LL c + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	13	1.5
73	1.2 D + 1.5 LL c + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	13	1.5
74	1.2 D + 1.5 LL d + Service - 0 W	Yes	Y	1	1.2	6	1			14	1.5
75	1.2 D + 1.5 LL d + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	14	1.5
76	1.2 D + 1.5 LL d + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	14	1.5
77	1.2 D + 1.5 LL d + Service - 90 W	Yes	Y	1	1.2	7	1			14	1.5

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
 5:55:04 PM
 Checked By : _____

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
78	1.2 D + 1.5 LL d + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	14	1.5
79	1.2 D + 1.5 LL d + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	14	1.5
80	1.2 D + 1.5 LL d + Service - 180 W	Yes	Y	1	1.2	6	-1			14	1.5
81	1.2 D + 1.5 LL d + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	14	1.5
82	1.2 D + 1.5 LL d + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	14	1.5
83	1.2 D + 1.5 LL d + Service - 270 W	Yes	Y	1	1.2	7	-1			14	1.5
84	1.2 D + 1.5 LL d + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	14	1.5
85	1.2 D + 1.5 LL d + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	14	1.5
86	1.2 D + 1.5 LL Maint (1)	Yes	Y	1	1.2					15	1.5
87	1.2 D + 1.5 LL Maint (2)	Yes	Y	1	1.2					16	1.5
88	1.2 D + 1.5 LL Maint (3)	Yes	Y	1	1.2					17	1.5
89	1.2 D + 1.5 LL Maint (4)	Yes	Y	1	1.2					18	1.5
90	1.2 D + 1.5 LL Maint (5)	Yes	Y	1	1.2					19	1.5
91	1.2 D + 1.5 LL Maint (6)	Yes	Y	1	1.2					20	1.5
92	1.2 D + 1.5 LL Maint (7)	Yes	Y	1	1.2					21	1.5
93	1.2 D + 1.5 LL Maint (8)	Yes	Y	1	1.2					22	1.5
94	1.2 D + 1.5 LL Maint (9)	Yes	Y	1	1.2					23	1.5
95	1.2 D + 1.5 LL Maint (10)	Yes	Y	1	1.2					24	1.5
96	1.2 D + 1.5 LL Maint (11)	Yes	Y	1	1.2					25	1.5
97	1.2 D + 1.5 LL Maint (12)	Yes	Y	1	1.2					26	1.5
98	1.2 D + 1.5 LL Maint (13)	Yes	Y	1	1.2					27	1.5
99	1.2 D + 1.5 LL Maint (14)	Yes	Y	1	1.2					28	1.5
100	1.2 D + 1.5 LL Maint (15)	Yes	Y	1	1.2					29	1.5

Envelope Node Reactions

Node Label			X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	4	max	0.116	6	0.926	3	0.369	2	0.082	12	0.007	5	0.173	11
2		min	-0.115	12	-0.828	9	-0.37	8	-0.087	6	-0.007	11	-0.179	5
3	143	max	0.378	5	0.797	8	0.587	2	0.587	13	0.006	10	0.892	11
4		min	-0.375	11	-0.54	2	-0.628	8	-0.609	7	-0.007	4	-0.922	5
5	3	max	0.18	5	0.584	25	0.529	2	0.077	13	0.017	4	0.127	11
6		min	-0.186	11	-0.089	7	-0.475	8	-0.088	7	-0.014	10	-0.138	5
7	133	max	0.593	6	0.885	18	0.723	2	0.625	13	0.029	10	1.388	11
8		min	-0.564	12	0.229	12	-0.834	8	-0.578	7	-0.036	4	-1.376	5
9	2	max	0.286	5	0.842	23	0.451	13	0.058	2	0.024	3	0.241	11
10		min	-0.329	11	0.017	4	-0.33	7	-0.068	8	-0.018	9	-0.245	5
11	131	max	0.557	6	0.611	19	0.595	2	0.414	13	0.017	9	1.294	11
12		min	-0.503	12	-0.013	13	-0.697	8	-0.361	7	-0.022	3	-1.201	5
13	17	max	0.285	5	0.698	24	0.342	13	0.054	2	0.015	3	0.16	11
14		min	-0.32	11	0.121	5	-0.253	7	-0.061	8	-0.012	9	-0.156	5
15	129	max	0.6	5	0.365	17	0.307	2	0.59	3	0.01	10	1.642	10
16		min	-0.62	10	0.007	11	-0.328	8	-0.614	9	-0.01	4	-1.513	4
17	16	max	0.462	6	1.258	20	0.716	2	0.162	4	0.015	4	0.66	10
18		min	-0.429	12	0.138	2	-0.71	8	-0.169	10	-0.018	10	-0.619	4
19	15	max	0.454	4	0.34	23	0.095	2	0.2	4	0.006	11	0.41	10
20		min	-0.47	10	0.094	8	-0.09	8	-0.198	10	-0.006	5	-0.41	4
21	14	max	0.38	5	0.343	22	0.154	2	0.175	4	0.004	12	0.22	11
22		min	-0.384	11	0.109	34	-0.154	8	-0.164	10	-0.004	6	-0.23	5
23	13	max	0.352	5	0.344	21	0.171	3	0.163	4	0.004	11	0.154	10
24		min	-0.354	11	0.105	3	-0.172	9	-0.15	10	-0.004	5	-0.161	4
25	12	max	0.332	5	0.344	20	0.199	3	0.17	3	0.004	11	0.115	10
26		min	-0.331	11	0.103	2	-0.2	9	-0.155	9	-0.004	5	-0.119	4
27	11	max	0.31	5	0.345	18	0.215	3	0.139	2	0.004	10	0.075	10
28		min	-0.308	11	0.105	13	-0.215	9	-0.123	8	-0.004	4	-0.077	4
29	10	max	0.297	5	0.34	17	0.218	3	0.164	13	0.004	10	0.058	10

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
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Envelope Node Reactions (Continued)

Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC	
30		min	-0.282	11	0.091	10	-0.21	9	-0.151	7	-0.004	4	-0.057	4
31	9	max	0.31	4	0.946	10	0.502	2	0.263	13	0.009	11	0.104	12
32		min	-0.34	10	-0.617	4	-0.522	8	-0.246	7	-0.005	5	-0.104	6
33	8	max	0.301	4	0.803	18	0.435	2	0.188	12	0.022	13	0.117	11
34		min	-0.383	10	0.058	12	-0.531	8	-0.179	6	-0.016	7	-0.124	5
35	137	max	0.461	5	0.589	14	0.647	2	1.288	13	0.017	7	0.55	12
36		min	-0.396	11	0.002	8	-0.545	8	-1.393	7	-0.023	13	-0.554	6
37	7	max	0.194	4	0.713	19	0.373	2	0.134	12	0.012	12	0.109	11
38		min	-0.252	10	0.091	13	-0.446	8	-0.136	6	-0.009	6	-0.119	5
39	6	max	0.264	5	1.196	17	0.551	3	0.236	12	0.003	5	0.258	12
40		min	-0.285	11	0.087	11	-0.498	9	-0.262	6	-0.004	11	-0.281	6
41	5	max	0.057	4	0.214	2	0.221	2	0.051	12	0.007	5	0.053	11
42		min	-0.058	10	-0.127	8	-0.217	8	-0.051	6	-0.007	11	-0.048	5
43	141	max	0.35	5	0.248	24	0.482	13	0.831	12	0.002	12	0.849	11
44		min	-0.34	11	-0.051	6	-0.526	7	-0.869	6	-0.002	6	-0.889	5
45	139	max	0.382	5	0.381	25	0.543	13	1.085	13	0.004	7	0.852	12
46		min	-0.358	11	-0.009	7	-0.552	7	-1.181	7	-0.004	13	-0.924	6
47	135	max	0.704	5	1.129	15	0.697	2	1.779	13	0.034	7	0.667	11
48		min	-0.619	11	-0.169	9	-0.62	8	-1.8	7	-0.041	13	-0.633	5
49	Totals:	max	8.202	5	12.953	21	9.913	2						
50		min	-8.202	11	4.35	3	-9.913	8						

Envelope AISC 15TH (360-16): LRFD Member Steel Code Checks

Member	Shape	Code Check	Loc [ft]	LC	Shear	Check	Loc [ft]	Dir	ϕP_n [k]	ϕP_t [k]	ϕM_n y-y [k-ft]	ϕM_n z-z [k-ft]	Cb	Eqn
1	1	L2x2x4	0.378	0	2	0.173	3.542	y 3	16.21	30.586	0.691	1.569	1.5	H2-1
2	2	L2x2x4	0.305	0	3	0.143	3.542	z 3	16.21	30.586	0.691	1.569	1.5	H2-1
3	3	L2x2x4	0.29	3.357	4	0.122	1.734	z 8	16.21	30.586	0.691	1.561	1.447	H2-1
4	4	L2x2x4	0.139	3.357	2	0.056	3.542	z 12	16.21	30.586	0.691	1.569	1.5	H2-1
5	5	L2x2x4	0.351	3.542	6	0.064	3.542	z 9	16.21	30.586	0.691	1.569	1.5	H2-1
6	6	L2x2x4	0.207	3.542	5	0.097	3.542	y 12	16.21	30.586	0.691	1.569	1.5	H2-1
7	7	L2x2x4	0.261	3.542	6	0.169	3.542	z 13	16.21	30.586	0.691	1.569	1.5	H2-1
8	8	L2x2x4	0.301	3.542	12	0.121	1.734	z 4	16.21	30.586	0.691	1.569	1.5	H2-1
9	9	L2x2x4	0.249	3.357	4	0.059	3.542	z 4	16.21	30.586	0.691	1.569	1.5	H2-1
10	10	L2x2x4	0.293	3.357	4	0.06	3.542	z 10	16.21	30.586	0.691	1.569	1.5	H2-1
11	11	L2x2x4	0.321	3.357	5	0.059	3.542	z 5	16.21	30.586	0.691	1.569	1.5	H2-1
12	12	L2x2x4	0.331	3.357	11	0.061	3.542	z 11	16.21	30.586	0.691	1.569	1.5	H2-1
13	13	L2x2x4	0.336	3.357	11	0.061	3.542	z 11	16.21	30.586	0.691	1.569	1.5	H2-1
14	14	L2x2x4	0.419	3.542	4	0.081	3.542	z 11	16.21	30.586	0.691	1.569	1.5	H2-1
15	15	L2x2x4	0.624	3.542	10	0.156	3.542	y 10	16.21	30.586	0.691	1.569	1.5	H2-1
16	16	L2x2x4	0.244	0	2	0.118	3.542	y 3	16.21	30.586	0.691	1.569	1.5	H2-1
17	17	PL1/2x4	0.347	0	8	0.405	0	y 10	1.91	64.8	0.675	5.4	1.983	H1-1a
18	18	L2.5x2.5x4	0.586	0.306	2	0.147	0	z 4	12.571	38.556	1.114	2.306	1.5	H2-1
19	19	L2x2x4	0.244	2.937	12	0.019	2.937	z 10	6.429	30.586	0.691	1.44	1.5	H2-1
20	20	PL1/2x4	0.185	4.65	3	0.056	4.65	y 3	1.91	64.8	0.675	5.4	1.913	H1-1b
21	21	L2.5x2.5x4	0.557	4.65	2	0.078	5.874	z 3	12.571	38.556	1.114	2.306	1.5	H2-1
22	22	L2x2x4	0.23	2.937	8	0.011	2.937	y 13	6.429	30.586	0.691	1.44	1.5	H2-1
23	23	PL1/2x4	0.158	2.937	10	0.044	4.222	y 3	1.91	64.8	0.675	5.4	1.457	H1-1b
24	24	L2.5x2.5x4	0.449	4.283	3	0.055	5.874	z 3	12.571	38.556	1.114	2.306	1.5	H2-1
25	25	L2x2x4	0.298	2.08	8	0.041	2.937	y 2	6.429	30.586	0.691	1.44	1.5	H2-1
26	26	PL1/2x4	0.095	5.874	2	0.007	0	y 9	1.91	64.8	0.675	5.4	1.706	H1-1b*
27	27	L2.5x2.5x4	0.196	2.937	3	0.015	2.937	y 3	12.571	38.556	1.114	2.182	1.173	H2-1
28	28	L2x2x4	0.321	2.937	9	0.022	5.874	y 3	6.429	30.586	0.691	1.44	1.5	H2-1
29	29	PL1/2x4	0.078	5.874	11	0.008	5.874	y 6	1.91	64.8	0.675	5.4	2.203	H1-1b
30	30	L2.5x2.5x4	0.205	5.874	8	0.022	2.937	y 6	12.571	38.556	1.114	2.306	1.5	H2-1
31	31	L2x2x4	0.205	2.937	13	0.017	2.937	y 7	6.429	30.586	0.691	1.44	1.5	H2-1

Attachment: PC-2022-03 Packet (5979 : AT&T - Special Permit Application)



Company : B+T Group
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Envelope AISC 15TH (360-16): LRFD Member Steel Code Checks (Continued)

Member	Shape	Code Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	phi*Pnc [k]	phi*Pnt [k]	phi*Mn y-y [k-ft]	phi*Mn z-z [k-ft]	Cb	Eqn
32	32	PL1/2x4	0.295	0.245	2	0.293	0	y	6	1.91	64.8	0.675	5.4	2.384	H1-1a
33	33	L2.5x2.5x4	0.488	0.245	13	0.149	0	z	13	12.571	38.556	1.114	2.306	1.5	H2-1
34	34	L2x2x4	0.203	2.937	3	0.011	5.874	y	9	6.429	30.586	0.691	1.44	1.5	H2-1
35	35	PL1/2x4	0.15	5.874	7	0.057	4.65	y	13	1.91	64.8	0.675	5.4	1.684	H1-1b
36	36	L2.5x2.5x4	0.396	4.589	13	0.054	5.874	z	11	12.571	38.556	1.114	2.306	1.5	H2-1
37	37	L2x2x4	0.265	2.937	3	0.011	2.937	y	2	6.429	30.586	0.691	1.44	1.5	H2-1
38	38	PL1/2x4	0.185	4.222	7	0.058	4.222	y	2	1.91	64.8	0.675	5.4	1.79	H1-1b
39	39	L2.5x2.5x4	0.432	4.222	2	0.047	2.937	z	2	12.571	38.556	1.114	2.306	1.5	H2-1
40	40	L2x2x4	0.289	2.937	4	0.04	2.937	y	9	6.429	30.586	0.691	1.44	1.5	H2-1
41	41	PL1/2x4	0.107	5.874	12	0.003	0	y	18	1.91	64.8	0.675	5.4	2.022	H1-1b
42	42	L2.5x2.5x4	0.09	0	4	0.007	5.874	y	6	12.571	38.556	1.114	2.306	1.5	H2-1
43	43	L2x2x4	0.157	5.874	11	0.006	5.874	z	7	6.429	30.586	0.691	1.44	1.5	H2-1
44	44	PL1/2x4	0.098	5.874	13	0.003	5.874	y	11	1.91	64.8	0.675	5.4	2.344	H1-1b
45	45	L2.5x2.5x4	0.102	0	5	0.007	5.874	z	11	12.571	38.556	1.114	2.306	1.5	H2-1
46	46	L2x2x4	0.196	5.874	11	0.007	0	y	5	6.429	30.586	0.691	1.44	1.5	H2-1
47	47	PL1/2x4	0.097	5.874	13	0.003	5.874	y	23	1.91	64.8	0.675	5.4	2.299	H1-1b
48	48	L2.5x2.5x4	0.107	5.874	11	0.005	5.874	z	23	12.571	38.556	1.114	2.306	1.5	H2-1
49	49	L2x2x4	0.217	5.874	11	0.006	0	y	17	6.429	30.586	0.691	1.44	1.5	H2-1
50	50	PL1/2x4	0.097	0	3	0.003	5.874	y	23	1.91	64.8	0.675	5.4	2.252	H1-1b
51	51	L2.5x2.5x4	0.105	5.874	11	0.005	0	z	17	12.571	38.556	1.114	2.306	1.5	H2-1
52	52	L2x2x4	0.227	5.874	11	0.006	0	y	17	6.429	30.586	0.691	1.44	1.5	H2-1
53	53	PL1/2x4	0.103	0	3	0.003	5.874	y	23	1.91	64.8	0.675	5.4	2.211	H1-1b
54	54	L2.5x2.5x4	0.103	5.874	3	0.006	5.874	z	11	12.571	38.556	1.114	2.306	1.5	H2-1
55	55	L2x2x4	0.23	5.874	11	0.006	5.874	y	11	6.429	30.586	0.691	1.44	1.5	H2-1
56	56	PL1/2x4	0.107	0	4	0.004	5.874	y	10	1.91	64.8	0.675	5.4	2.209	H1-1b
57	57	L2.5x2.5x4	0.122	5.874	3	0.01	5.874	z	10	12.571	38.556	1.114	2.306	1.5	H2-1
58	58	L2x2x4	0.227	5.874	11	0.01	5.874	y	10	6.429	30.586	0.691	1.44	1.5	H2-1
59	59	PL1/2x4	0.151	0	4	0.003	5.874	y	10	1.91	64.8	0.675	5.4	1.834	H1-1b
60	60	L2.5x2.5x4	0.222	5.874	3	0.017	0	y	8	12.571	38.556	1.114	2.306	1.5	H2-1
61	61	L2x2x4	0.169	5.874	12	0.009	0	z	9	6.429	30.586	0.691	1.44	1.5	H2-1
62	63	PIPE 2.0	0.336	3.229	8	0.041	6.563		7	9.837	32.13	1.872	1.872	3	H1-1b
63	65	PIPE 2.0	0.134	3.229	8	0.04	6.563		7	9.837	32.13	1.872	1.872	3	H1-1b
64	70	PIPE 2.0	0.53	3.229	8	0.056	3.333		3	9.837	32.13	1.872	1.872	2.53	H1-1b
65	73	PIPE 2.0	0.296	3.229	8	0.048	6.563		2	9.837	32.13	1.872	1.872	3	H1-1b
66	76	PIPE 2.0	0.172	2.75	2	0.044	2.75		2	26.521	32.13	1.872	1.872	2.261	H1-1b
67	78	PIPE 2.0	0.336	3.229	8	0.045	6.563		2	9.837	32.13	1.872	1.872	2.685	H1-1b
68	80	PIPE 2.0	0.134	3.229	8	0.047	6.563		2	9.837	32.13	1.872	1.872	3	H1-1b
69	85	PIPE 2.0	0.529	3.229	8	0.044	3.229		8	9.837	32.13	1.872	1.872	2.604	H1-1b
70	88	PIPE 2.0	0.296	3.229	8	0.022	6.667		8	9.837	32.13	1.872	1.872	2.65	H1-1b
71	91	PIPE 2.0	0.135	2.75	9	0.047	2.75		10	26.521	32.13	1.872	1.872	1.928	H1-1b
72	92	L4X4X4	0.376	3.542	9	0.054	3.542	y	10	46.901	62.532	3.138	6.715	1.5	H2-1
73	93	L4X4X4	0.264	3.357	7	0.088	3.542	z	3	46.901	62.532	3.138	6.715	1.5	H2-1
74	94	L4X4X4	0.316	3.357	4	0.133	3.542	y	4	46.901	62.532	3.138	6.809	1.5	H2-1
75	95	L4X4X4	0.399	3.357	12	0.153	3.542	y	13	46.901	62.532	3.138	6.809	1.5	H2-1
76	96	L4X4X4	0.272	3.357	6	0.088	3.542	y	13	46.901	62.532	3.138	6.715	1.5	H2-1
77	97	L4X4X4	0.325	3.542	6	0.036	3.542	z	13	46.901	62.532	3.138	6.715	1.5	H2-1
78	98	L4X4X4	0.241	3.542	5	0.03	3.542	z	7	46.901	62.532	3.138	6.715	1.5	H2-1
79	99	L4X4X4	0.329	3.357	8	0.092	1.734	z	8	46.901	62.532	3.138	6.715	1.5	H2-1

Envelope AISI S100-16: LRFD Member Cold Formed Steel Code Checks

Member	Shape	Code	Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	phi*Pn[k]	phi*Tn[k]	phi*Mnyy[k-ft]	phi*Mnzz[k-ft]	phi*Vny[k]	phi*Vnz[k]	Cb	Eqn
1	102	P1000_CFB	0.478	2.167	9	0.16	0.169	y	9	7.982	15.308	0.414	0.672	2.321	4.641	2.988	H1.2-1	
2	105	P1000_CFB	0.506	3.081	2	0.162	3.081	y	3	7.982	15.308	0.414	0.672	2.321	4.641	2.709	H1.2-1	
3	110	P1000_CFB	0.28	0.667	9	0.067	1.583	y	8	10.704	15.308	0.428	0.672	2.321	4.641	1.82	H1.1-1	
4	111	P1000_CFB	0.34	0.667	9	0.183	0.667	y	9	10.704	15.308	0.425	0.672	2.321	4.641	1.758	H1.2-1	



Company : B+T Group
 Designer : MP
 Job Number : 160843.001.01
 Model Name : 10000548 - Nichols Hills

2/23/2022
 5:55:04 PM
 Checked By : _____

Envelope AISI S100-16: LRFD Member Cold Formed Steel Code Checks (Continued)

Member	Shape	Code	Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	ϕP_n [k]	ϕT_n [k]	ϕM_{nyy} [k-ft]	ϕM_{nzz} [k-ft]	ϕV_{ny} [k]	ϕV_{nz} [k]	Cb	Eqn
5	114	P1000_CFB	0.401	2.167	4	0.12	2.167	y	4	7.982	15.308	0.414	0.672	2.321	4.641	2.866	H1.2-1	
6	117	P1000_CFB	0.46	3.081	10	0.148	0.169	y	3	7.982	15.308	0.414	0.672	2.321	4.641	2.743	H1.2-1	
7	122	P1000_CFB	0.195	0.667	4	0.065	1.583	y	4	10.704	15.308	0.428	0.672	2.321	4.641	1.887	H1.1-1	
8	123	P1000_CFB	0.272	0.667	4	0.149	0.667	y	4	10.704	15.308	0.425	0.672	2.321	4.641	1.775	H1.2-1	

APPENDIX B

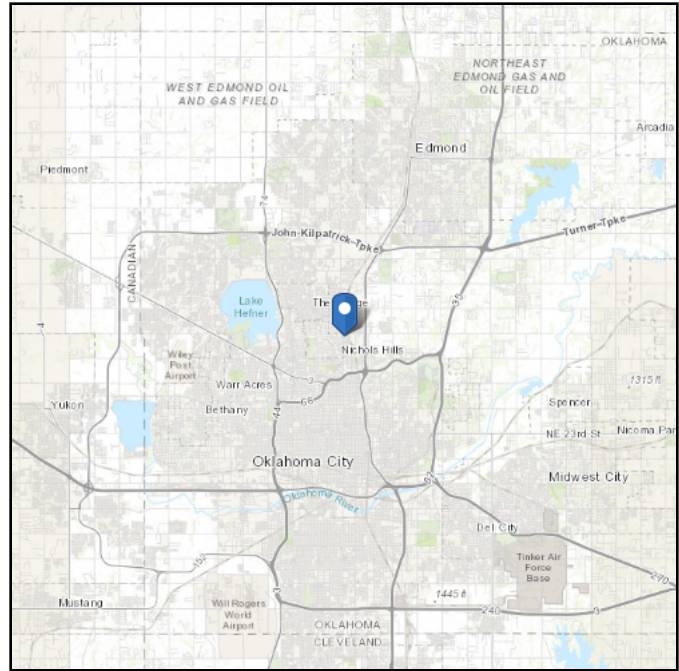
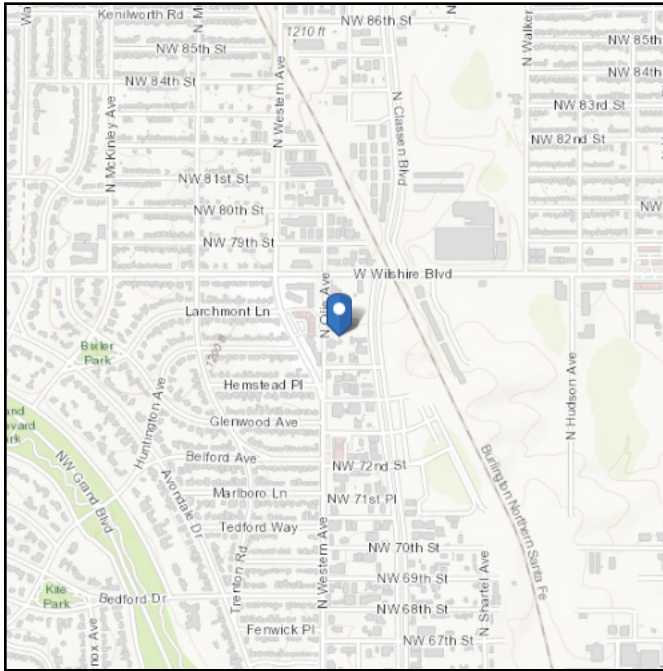
Additional Calculations

ASCE 7 Hazards Report

Address:
No Address at This
Location

Standard:	ASCE/SEI 7-16
Risk Category:	II
Soil Class:	D - Default (see Section 11.4.3)

Elevation: 1190.07 ft (NAVD 88)
Latitude: 35.549281
Longitude: -97.529208



Wind

Results:

Wind Speed	109 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	88 Vmph
100-year MRI	94 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Wed Feb 09 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

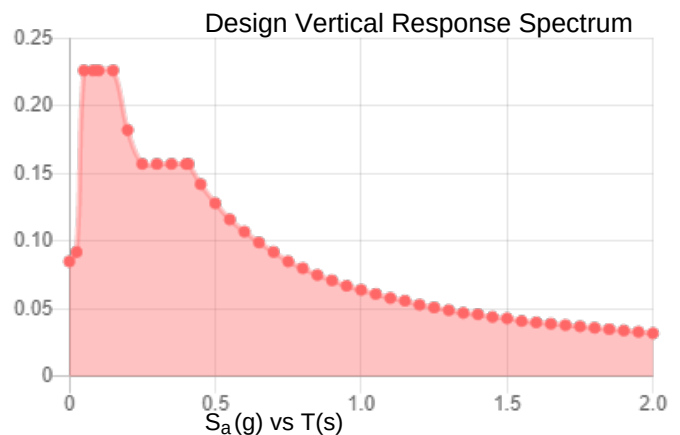
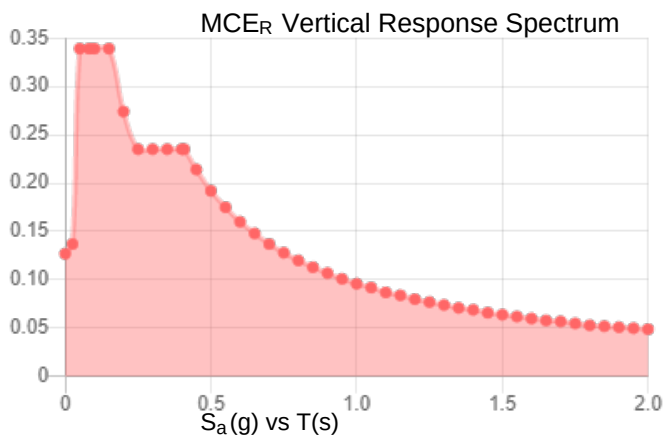
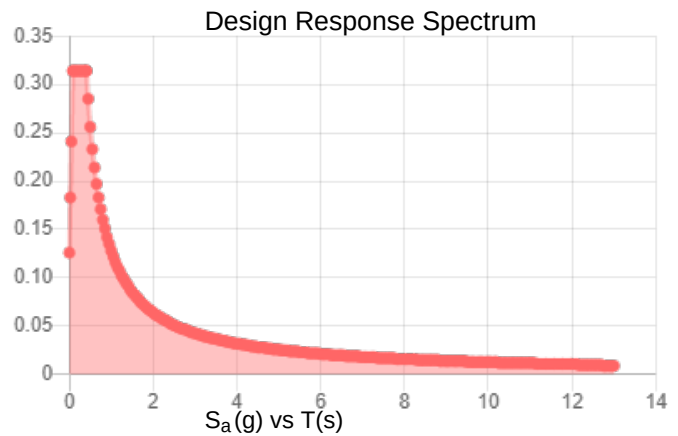
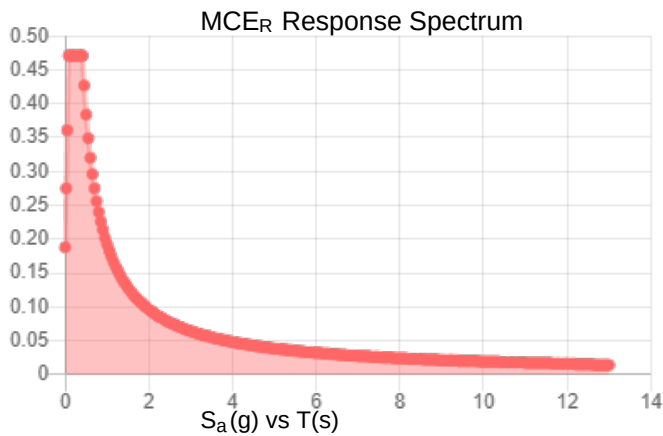
Site is not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_S :	0.302	S_{D1} :	0.128
S_1 :	0.08	T_L :	12
F_a :	1.558	PGA :	0.181
F_v :	2.4	PGA _M :	0.26
S_{MS} :	0.471	F_{PGA} :	1.438
S_{M1} :	0.192	I_e :	1
S_{DS} :	0.314	C_v :	0.901

Seismic Design Category B



Data Accessed: Wed Feb 09 2022

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.



Ice

Results:

Ice Thickness: 1.50 in.

Concurrent Temperature: 5 F

Gust Speed 40 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Wed Feb 09 2022

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided "as is" and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

PROJECT	160843.001.01 - Nichols Hills		KSC
SUBJECT	Catwalk Mount Analysis		
DATE	02/24/22	PAGE	OF



B+T GRP
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 (918) 587-4630

9.a.a

Tower Type	:	Other		
Ground Elevation	Z_s :	1190	ft	[ASCE7 Hazard Tool]
Tower Height	:	152.00	ft	
Mount Elevation	:	126.00	ft	
Antenna Elevation	:	129.00	ft	
Crest Height	:	0	ft	
Risk Category	:	II		[Table 2-1]
Exposure Category	:	C		[Sec. 2.6.5.1.2]
Topography Category	:	1.00		[Sec. 2.6.6.2]
Wind Velocity	V :	109	mph	[ASCE7 Hazard Tool]
Ice wind Velocity	V_i :	40	mph	[ASCE7 Hazard Tool]
Service Velocity	V_s :	30	mph	[ASCE7 Hazard Tool]
Base Ice thickness	t_i :	1.50	in	[ASCE7 Hazard Tool]
Seismic Design Cat.	:	B		[ASCE7 Hazard Tool]
	S_S :	0.30		
	S_1 :	0.08		
	S_{DS} :	0.31		
	S_{D1} :	0.13		
Gust Factor	G_h :	1.00		[Sec. 16.6]
Pressure Coefficient	K_z :	1.34		[Sec. 2.6.5.2]
Topography Factor	K_{zt} :	1.00		[Sec. 2.6.6]
Elevation Factor	K_e :	0.96		[Sec. 2.6.8]
Directionality Factor	K_d :	0.95		[Sec. 16.6]
Shielding Factor	K_a :	0.90		[Sec. 16.6]
Design Ice Thickness	t_{iz} :	1.72	in	[Sec. 2.6.10]
Importance Factor	I_e :	1		[Table 2-3]
Response Coefficient	C_s :	0.157		[Sec. 2.7.7.1]
Amplification	A_s :	3		[Sec. 16.7]
	q_z :	36.77	psf	

PROJECT	160843.001.01 - Nichols Hills	KSC
SUBJECT	Catwalk Mount Analysis	
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Manufacturer	Model	Qty	Aspect Ratio	C _a flat/round	EPA _N (ft ²)	EPA _T (ft ²)	EPA _{N-ice} (ft ²)	EPA _{T-ice} (ft ²)	F _A No Ice (N)	F _A No Ice (T)	F _A Ice (N)	F _A Ice (T)
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
ERICSSON	RRUS-32 B66	1	3.89	1.26	1.32	2.28	2.22	3.29	0.06	0.10	0.01	0.01
Ericsson	AIR6449 B77D	0.5	1.91	1.20	1.67	0.85	2.27	1.35	0.07	0.03	0.01	0.00
Ericsson	AIR6449 B77D	0.5	1.91	1.20	1.67	0.85	2.27	1.35	0.07	0.03	0.01	0.00
Ericsson	AIR6419 B77G	0.5	1.77	1.20	1.53	0.65	2.09	1.10	0.06	0.03	0.01	0.00
Ericsson	AIR6419 B77G	0.5	1.77	1.20	1.53	0.65	2.09	1.10	0.06	0.03	0.01	0.00
CCI	TPA65R-BU8D	0.5	4.57	1.29	7.96	2.98	9.40	4.27	0.29	0.11	0.05	0.02
CCI	TPA65R-BU8D	0.5	4.57	1.29	7.96	2.98	9.40	4.27	0.29	0.11	0.05	0.02
ERICSSON	RADIO 4449 B5/B12	1	1.43	1.20	1.08	1.37	1.77	2.12	0.04	0.05	0.01	0.01
ERICSSON	TME-RRUS 32 B30	1	3.89	1.26	1.32	2.28	2.22	3.29	0.06	0.10	0.01	0.01
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
Kathrein	80010799	0.5	7.16	1.41	4.99	2.26	6.18	3.37	0.18	0.08	0.03	0.02
ERICSSON	RRUS-32 B66	1	3.89	1.26	1.32	2.28	2.22	3.29	0.06	0.10	0.01	0.01

PROJECT	160843.001.01 - Nichols Hills	KSC
SUBJECT	Catwalk Mount Analysis	
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Manufacturer	Model	Qty	Aspect Ratio	C _a flat/round	EPA _N (ft ²)	EPA _T (ft ²)	EPA _{N-Ice} (ft ²)	EPA _{T-Ice} (ft ²)	F _A No Ice (N)	F _A No Ice (T)	F _A Ice (N)	F _A Ice (T)
Ericsson	AIR6449 B77D	0.5	1.91	1.20	1.67	0.85	2.27	1.35	0.07	0.03	0.01	0.00
Ericsson	AIR6449 B77D	0.5	1.91	1.20	1.67	0.85	2.27	1.35	0.07	0.03	0.01	0.00
Ericsson	AIR6419 B77G	0.5	1.77	1.20	1.53	0.65	2.09	1.10	0.06	0.03	0.01	0.00
Ericsson	AIR6419 B77G	0.5	1.77	1.20	1.53	0.65	2.09	1.10	0.06	0.03	0.01	0.00
CCI	TPA65R-BU8D	0.5	4.57	1.29	7.96	2.98	9.40	4.27	0.29	0.11	0.05	0.02
CCI	TPA65R-BU8D	0.5	4.57	1.29	7.96	2.98	9.40	4.27	0.29	0.11	0.05	0.02
ERICSSON	RADIO 4449 B5/B12	1	1.43	1.20	1.08	1.37	1.77	2.12	0.04	0.05	0.01	0.01
ERICSSON	TME-RRUS 32 B30	1	3.89	1.26	1.32	2.28	2.22	3.29	0.06	0.10	0.01	0.01
ERICSSON	TME-RRUS 4478 B14	1	2.14	1.20	0.88	1.54	1.54	2.33	0.04	0.06	0.00	0.01
ERICSSON	RRUS-32 B2	1	3.89	1.26	1.32	2.28	2.22	3.29	0.06	0.10	0.01	0.01
ERICSSON	TME-RRUS 4478 B14	1	2.14	1.20	0.88	1.54	1.54	2.33	0.04	0.06	0.00	0.01
ERICSSON	RRUS-32 B2	1	3.89	1.26	1.32	2.28	2.22	3.29	0.06	0.10	0.01	0.01
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00

Manufacturer	Model	Qty	Aspect Ratio	C _a flat/round	EPA _N (ft ²)	EPA _T (ft ²)	EPA _{N-Ice} (ft ²)	EPA _{T-Ice} (ft ²)	F _A No Ice (N)	F _A No Ice (T)	F _A Ice (N)	F _A Ice (T)
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00
RAYCAP	FC12-PC6-10E	1	1.05	1.20	1.75	0.75	2.59	1.38	0.07	0.03	0.01	0.00
RAYCAP	FC12-PC6-10E	1	1.05	1.20	1.75	0.75	2.59	1.38	0.07	0.03	0.01	0.00
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00

Manufacturer	Model	Qty	Aspect Ratio	C _a flat/round	EPA _N (ft ²)	EPA _T (ft ²)	EPA _{N-ice} (ft ²)	EPA _{T-ice} (ft ²)	F _A No Ice (N)	F _A No Ice (T)	F _A Ice (N)	F _A Ice (T)
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00
RAYCAP	DC2-48-60-0-9E	1	1.00	1.20	0.73	0.44	1.30	0.91	0.03	0.02	0.00	0.00
RAYCAP	FC12-PC6-10E	1	1.05	1.20	1.75	0.75	2.59	1.38	0.07	0.03	0.01	0.00

PROJECT	160843.001.01 - Nichols Hills, OK			KSC
SUBJECT	Catwalk Mount Analysis			
DATE	02/24/22	PAGE	1	OF 1



B+T Group
 1717 S. Boulder, Suite 300
 Tulsa, OK 74119
 (918) 587-4630

[REF: AISC 360-05]

Reactions at Bolted Connection

Tension	:	0.697	k
Vertical Shear	:	1.129	k
Horizontal Shear	:	0.704	k
Torsion	:	0.667	k.ft
Moment from Horizontal Forces	:	0.034	k.ft
Moment from Vertical Forces	:	1.779	k.ft

Bolt Parameters

Bolt Grade	:	A307	
Bolt Diameter	:	0.5	in
Nominal Bolt Area	:	0.307	in ²
Bolt spacing, Horizontal	:	6	in
Bolt spacing, Vertical	:	6	in
Bolt edge distance, plate height	:	1.5	in
Bolt edge distance, plate width	:	1.5	in
Total Number of Bolts	:	2	bolts

Summary of Forces

Shear Resultant Force	:	1.33	k
Force from Horz. Moment	:	0.06	k
Force from Vert. Moment	:	3.28	k
Shear Load / Bolt	:	0.67	k
Tension Load / Bolt	:	0.35	k
Resultant from Moments / Bolt	:	3.28	k

Bolt Checks

Nominal Tensile Stress, F_{nt}	:	45.00	ksi	[AISC Table J3.2]
Available Tensile Stress, ϕR_{nt}	:	10.36	k/bolt	[Eq. J3-1]
Unity Check, Bolt Tension	:	35.07%		OKAY
Nominal Shear Stress, F_{nv}	:	24.00	ksi	[AISC Table J3.2]
Available Shear Stress, ϕR_{nv}	:	5.53	k/bolt	[Eq. J3-1]
Unity Check, Bolt Shear	:	18.35%		OKAY
Unity Check, Combined	:	53.41%		OKAY
Available Bearing Strength, ϕR_n	:	36.70	k/bolt	
Unity Check, Bolt Bearing	:	1.81%		OKAY



CITY OF NICHOLS HILLS

NOTICE OF PUBLIC HEARINGS CITY OF NICHOLS HILLS, OKLAHOMA CASE NO. PC-2022-04

Notice is hereby given that AT&T, represented by CRB for Nexius, has filed an application ("the Application") with the City of Nichols Hills, Oklahoma for approval of a special permit for the following described property:

Existing water tower located at the NW corner of Westminster Place and Greystone Avenue in Nichols Hills, Oklahoma.

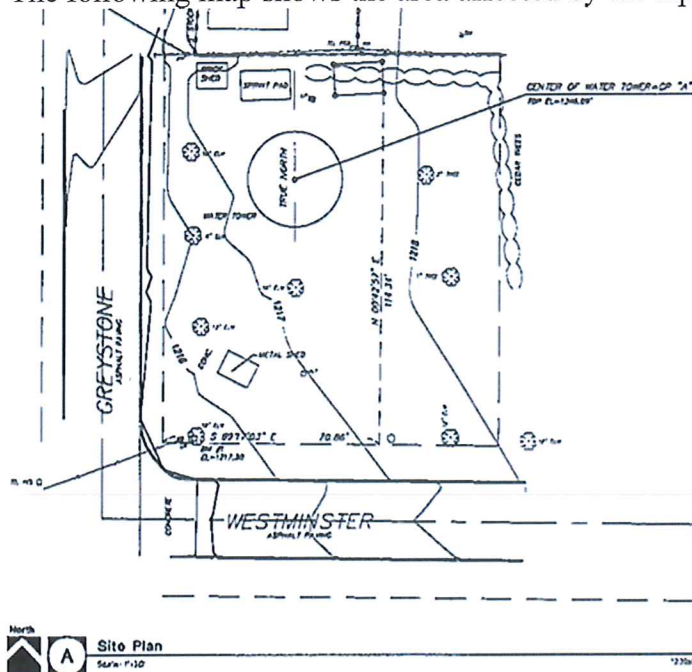
The zoning of this property is "R-1-60" Single Family Residential. The Application requests a special permit to replace and/or add new antennas and other equipment for AT&T, to be located on or adjacent to the water tower owned by the City of Nichols Hills, Oklahoma. The Application and supporting documentation may be inspected in the office of the City Clerk during regular business hours.

The Application will be considered at public hearings to be held by the Nichols Hills Planning Commission on Tuesday, August 2, 2022 at 5:30 p.m., and by the Nichols Hills City Council on Tuesday, August 9, 2022 at 5:30 p.m. These public hearings will be held in the Council Chambers at Nichols Hills City Hall, 6407 Avondale Drive, Nichols Hills, Oklahoma, 73116.

Any person may address the Nichols Hills Planning Commission and Nichols Hills City Council at the public hearings. Written support for or protest against the proposed special permit may be mailed or hand-delivered to the City Clerk at 6407 Avondale Drive, Nichols Hills, Oklahoma, 73116. Written support or protests must be received by the City Clerk not less than three (3) days before the public hearing.

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)

The following map shows the area affected by the Application:



Dated this 19th day of July, 2022.

Amanda Copeland

Amanda Copeland, City Clerk
City of Nichols Hills, Oklahoma



CITY OF NICHOLS HILLS, OKLAHOMA
Application for Special Permit
Communication Device

Staff use only

Case # _____

Date filed _____

Fee receipt # _____

Twelve original sets and one electronic version of this completed application (including 12 original sets of the required attachments listed below) and the required fee should be submitted to the Nichols Hills City Clerk, 6407 Avondale Drive, Nichols Hills, Oklahoma 73116.

Applicant is encouraged to consult Sec. 50-127, *Communications Tower and Antenna Regulations*, of the Nichols Hills City Code when completing this Application. Note that Sec. 50-127 does not require a special permit for all communication devices.

This Application requires recommendation for approval by the Nichols Hills Planning Commission and approval of the Nichols Hills City Council.

Attach a separate sheet to provide complete answers if necessary.

Applicant's name: CRB for Nexius on behalf of AT+T

Primary contact: Lynn Ridener

Mailing address: 1900 NW Expressway Suite 800, OKC, OK 73118

Telephone number(s): 580-302-1741

Email address(es): Lynn.Ridener@branchcomm.net

This is an application to: [check all that apply]

- ☐ Construct a communication tower
- ☐ Locate an at-grade dish antenna(s) with a diameter exceeding two meters
- ☐ Locate an antenna or antenna array within a structure as an architectural element
- ☐ Install an additional antenna(s) or antenna array on an existing communications tower, sign structure, or municipal water tower
- ☐ Replace an antenna(s) or antenna array on an existing communications tower, sign structure, or municipal water tower
- ☐ Use the City's utility pole(s) (traffic signal poles, street light poles, and flag poles) associated with a distributed antenna system

Address or descriptive location of proposed device(s) ¹: 1849 East Westminister Place

The following must be attached to this Application:

1. **Proof of authority.** Proof of applicant's authority to make this Application as to the property for which the special permit is desired by attaching a copy of the applicable deed evidencing applicant's ownership, a copy of the applicable lease evidencing applicant's leasehold interest, or an affidavit regarding ownership (a form for which is attached to this Application).
2. **Survey and site map.** Certified survey and detailed site map.

¹ If metes and bounds description, please attach.

3. **Project plans.** Detailed and certified project plans.
4. **Structural engineer review.** If a tower or architectural element is included, certified review by a licensed structural engineer.
5. **Scope of proposed work.** A narrative of the need for the proposed device(s) and proposed scope of work in non-technical language in sufficient detail for analysis by the City's Planning Commission and City Council.
6. **List of Owners of Abutting Property.** A report developed from the current records of the Oklahoma County Assessor and/or the Oklahoma County Clerk within the last 30 days, stating the names, addresses, and contact information for the owners of property abutting the proposed site. If the report is not certified by a licensed and bonded abstractor, Applicant will be responsible for the accuracy and completeness of the information in the report.

This Application will be considered officially submitted and filed only after it is examined by the Director of Public Works and the City Clerk and found to have met the applicable requirements of Sec. 50-127 and those set out in this Application and after the fee of \$750 as required by Sec. 50-327 of the Nichols Hills City Code has been paid. At that time, the City Clerk will set the Application for hearing before the Nichols Hills Planning Commission and the Nichols Hills City Council. Applicant will be advised of the date and time for those hearings. It is highly recommended that applicant attend (or have a representative attend) the hearings and be prepared to answer questions.

The above statements in this Application and all attachments to it are true and correct.

Submitted and agreed to this 18 day of July, 2022.

Signature: Lynn Ridener

Print applicant's full legal name: Lynn Ridener

Print signatory party's title if applicant is a legal entity: _____

Form of affidavit regarding ownershipAffidavit

STATE OF _____

COUNTY OF _____

[Full legal name], being first duly sworn, stated:

1. My name is *[full legal name]*. My address is *[full address]*. I am over the age of 18. I am a resident of the State of *[state]*. I have personal knowledge of the matters stated in this Affidavit.
2. I am the applicant for a special permit for a communication device pursuant to the Nichols Hills City Code.
3. I am the current and legal owner of the property in the City of Nichols Hills with the address of *[insert address]* and more particularly described as:

[Insert legal description]

4. This address and legal description accurately describe the property for which the special permit for a communication device is requested.

I declare to the best of my knowledge and belief that the information in this Affidavit is true, correct, and complete.

Executed this ____ day of _____, 202__.

[Full legal name]

Notary Acknowledgment

Subscribed and sworn to before me this ____ day of _____, 202__.

 Notary Public

My Commission Expires: _____

Comm. No. _____

This conveyance was approved on the ____ day of _____, 202__, by the City Council of the City of Nichols Hills, Oklahoma, pursuant to the Nichols Hills Subdivision Regulations as adopted by the Nichols Hills City Code.

By: _____

Printed name: _____

Title: _____

Market: AR/OK
 Cell Site Number: OK1652
 Cell Site Name: Casady Square
 Fixed Asset Number: 10097837

FIRST AMENDMENT TO LEASE AGREEMENT

THIS FIRST AMENDMENT TO LEASE AGREEMENT ("**First Amendment**"), dated as of the latter of the signature dates below, is by and between The City of Nichols Hills and Nichols Hills Municipal Authority (the "**Authority**"), a Municipal Trust, having a mailing address of 6407 Avondale, Nichols Hills, Oklahoma 73116 (the "**Landlord**" or "**City**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosgo Drive NE Suite 13-F West Tower, Atlanta GA 30324 ("**Tenant**").

WHEREAS, Landlord and Tenant entered into a Lease Agreement dated June 12, 2012, whereby Landlord leased to Tenant certain Premises, therein described, that are a portion of the Property located at 1849 East Westminster Place, Nichols Hills Oklahoma 73120 ("**Agreement**"); and

WHEREAS, Tenant's use of the Premises is limited to the Antennae Facilities described in Exhibit C to the Agreement; and

WHEREAS, City ordinances require Tenant to obtain approval of the City prior to adding any Antennae Facilities beyond those described in Exhibit C to the Agreement; and

WHEREAS, Landlord and Tenant desire to amend the Agreement to allow for the installation of additional antennas, associated cables and other communications instruments; and

WHEREAS, Landlord and Tenant desire to adjust the rent in conjunction with the modifications to the Agreement contained herein; and

WHEREAS, Landlord and Tenant desire to amend the Agreement to modify the notice section thereof; and

WHEREAS, Landlord and Tenant, in their mutual interest, wish to amend the Agreement as set forth below accordingly.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant agree as follows:

1. **Additional Antennas.** In addition to those antennas described in Exhibit C to the Agreement, Landlord consents to the installation and operation of additional antennas, associated cables and equipment as more completely described on attached Exhibit 1-C. Landlord's execution of this

*Amendment
to
original lease*

Amendment will signify Landlord's approval of Exhibit 1-C. Exhibit 1-C hereby replaces page 1 of Exhibit C to the Agreement.

2. **Rent.** Commencing on November 1, 2014, Rent shall be increased by Four Hundred and No/100 Dollars (\$400.00) per month, subject to further adjustments as provided in the Agreement.

3. **Notices.** Section 29 of the Agreement is hereby deleted in its entirety and replaced with the following:

NOTICES. All notices, requests, and demands hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows.

If to Tenant: New Cingular Wireless PCS, LLC
 By: AT&T Mobility Corporation,
 Attn: Network Real Estate Administration
 Re: Cell Site #:OK1652, Cell Site Name: Casady Square (OK)
 FA No: 10097837
 575 Morosgo Drive NE, Suite 13-F West Tower
 Atlanta, GA 30324

With the required copy of legal notice sent to Tenant at the address above, a copy to the Legal Department: New Cingular Wireless PCS, LLC
 Attn: Legal Department,
 Re: Cell Site #:OK1652, Cell Site Name: Casady Square (OK)
 FA No: 10097837
 208 S. Akard Street
 Dallas, TX 75202-4206

A copy sent to the Legal Department is an administrative step which alone does not constitute legal notice.

If to Landlord: City Manager
 6407 Avondale Dr.
 Nichols Hills, OK 73116

With the required copy of legal notice sent to Landlord at the address above, a copy to the Legal Department: Kendall Parrish
 Ron Comingdeer & Associates
 6011 N. Robinson
 Oklahoma City, OK 73118

Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein.

5. **Other Terms and Conditions Remain.** In the event of any inconsistencies between the Agreement and this First Amendment, the terms of this First Amendment shall control. Except as expressly set forth in this First Amendment, the Agreement otherwise is unmodified and remains in full force and effect. Each reference in the Agreement to itself shall be deemed also to refer to this First Amendment.

6. **Capitalized Terms.** All capitalized terms used but not defined herein shall have the same meanings as defined in the Agreement.

IN WITNESS WHEREOF, the parties have caused their properly authorized representatives to execute and seal this First Amendment on the dates set forth below.

"LANDLORD"

City of Nichols Hills
 By: [Signature]
 Name: Sody Clements
 Title: Mayor
 Date: October 14, 2014

Nichols Hills Municipal Authority
 By: [Signature]
 Name: Sody Clements
 Title: Chairman
 Date: November 12, 2014

"TENANT"

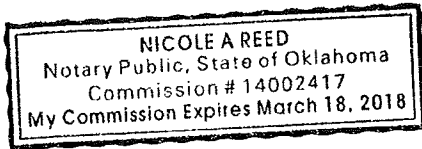
New Cingular Wireless PCS, LLC
 By: AT&T Mobility Corporation
 Its: Manager
 By: [Signature]
 Name: Brian Callicat
 Title: Area Manager, Real Estate AR/OK
 Date: 11-20-14

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)

TENANT ACKNOWLEDGEMENT

STATE OF Oklahoma)
)ss:
 COUNTY OF Oklahoma)

On the 20 day of November, 2014 before me personally appeared Brian Callicoot, and acknowledged under oath that he is the Area Manager AR/OK of New Cingular Wireless PCS LLC, the limited liability company named in the attached instrument, and as such was authorized to execute this instrument on behalf of the limited liability company.

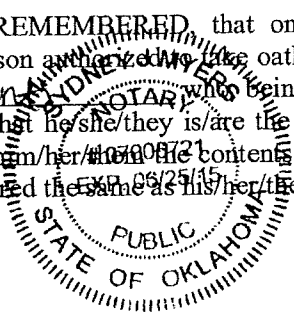


Nicole A Reed
 Notary Public: Nicole A Reed
 My Commission Expires: 3-18-18

LANDLORD ACKNOWLEDGEMENT

STATE OF Oklahoma)
) ss:
 COUNTY OF Oklahoma)

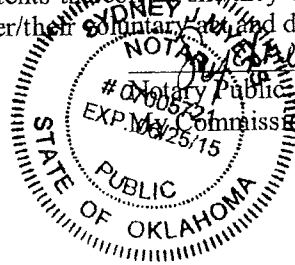
BE IT REMEMBERED, that on this 12 day of Nov, 2014 before me, the subscriber, a person authorized to take oaths in the State of Oklahoma, personally appeared Sody Clements who, being duly sworn on his/her/their oath, depose and made proof to my satisfaction that he/she/they is/are the person(s) named in the within instrument; and I, having first made known to him/her/them the contents thereof, he/she/they did acknowledge that he/she/they signed, sealed and delivered the same as his/her/their voluntary act and deed for the purposes therein contained.



Sydney Jones
 Notary Public: 07005721
 My Commission Expires: 6/25/15

STATE OF Oklahoma)
) ss:
 COUNTY OF Oklahoma)

BE IT REMEMBERED, that on this 12 day of Nov, 2014 before me, the subscriber, a person authorized to take oaths in the State of Oklahoma, personally appeared Sody Clements who, being duly sworn on his/her/their oath, depose and made proof to my satisfaction that he/she/they is/are the person(s) named in the within instrument; and I, having first made known to him/her/them the contents thereof, he/she/they did acknowledge that he/she/they signed, sealed and delivered the same as his/her/their voluntary act and deed for the purposes therein contained.



Sydney Jones
 Notary Public: 07005721
 My Commission Expires: 6/25/15

EXHIBIT 1-C**Description of Antenna Facilities**

9 antenna

3 Tower Mounted Amplifiers

9 Remote Radio Units

2 Surge Suppressors

6 runs of 1-5/8" Coax

4 runs of 3/4" Power

2 runs of 1/2" Fiber

1 run of 3/8" Control Cable

All installed on a new pipe mount placed on the neck of the Water Tower

Plus all ground equipment that will be kept within Tenant's 12' x 20' lease area adjacent to the Water Tower.

Notes:

1. THIS EXHIBIT MAY BE REPLACED BY A LAND SURVEY AND/OR CONSTRUCTION DRAWINGS OF THE PREMISES ONCE RECEIVED BY TENANT.
2. ANY SETBACK OF THE PREMISES FROM THE PROPERTY'S BOUNDARIES SHALL BE THE DISTANCE REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES.
3. WIDTH OF ACCESS ROAD SHALL BE THE WIDTH REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES, INCLUDING POLICE AND FIRE DEPARTMENTS.
4. THE TYPE, NUMBER AND MOUNTING POSITIONS AND LOCATIONS OF ANTENNAS AND TRANSMISSION LINES ARE ILLUSTRATIVE ONLY. ACTUAL TYPES, NUMBERS AND MOUNTING POSITIONS MAY VARY FROM WHAT IS SHOWN ABOVE.

Cell Site No / Name: OK1652 / Casady Square (OK)
 FA No.: 10097837
 Site Address: 1849 East Westminster Place, Nichols Hills, OK

LEASE AGREEMENT

THIS LEASE entered into as of this 12 day of June, 2012, by and between The City of Nichols Hills and Nichols Hills Municipal Authority (the "Authority"), a Municipal Trust having their principal offices at 6407 Avondale, Nichols Hills, Oklahoma 73116 (the "Landlord" or "City"), and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address at 12555 Cingular Way, Suite 1300, Alpharetta, GA 30004 (the "Tenant").

Recitals

A. Pursuant to that certain Trust Indenture dated December 29, 1987 between the City of Nichols Hills and the Authority, the Authority has the right to own, finance and operate sanitary sewer and water systems pursuant to the terms therein.

B. Landlord is the owner in fee simple of a parcel of land located at 1849 East Westminster Place in the City of Nichols Hills, Oklahoma County, State of Oklahoma, whose legal description is set forth on the attached Exhibit A (the "Owned Premises") and on which there is located a water tower owned by the Authority ("Water Tower").

C. Tenant desires to lease a portion of the Owned Premises consisting of approximately 240 square feet (the "Leased Premises") together with certain positions on the space on the Water Tower described below and a right-of-way thereto for the installation and operation of certain antennae facilities, which include directional antennae, connecting cables and appurtenances (collectively, "Antennae Facilities") for use in connection with Tenant's communications business. The description and location of the Leased Premises and the Antennae Facilities are more specifically described in Exhibits B and C attached hereto and made a part hereof.

D. Accordingly, the parties are entering into this Lease on the terms and conditions set forth below.

Agreement

In consideration of their mutual covenants, the parties agree as follows:

1. Leased Premises. Landlord leases to Tenant and Tenant leases from Landlord a portion of the Owned Premises, consisting of Leased Premises, as shown on the Site Plan attached as Exhibit B and described more fully below, and certain space on the Water Tower for the purpose of installing, maintaining, repairing, replacing and operating Tenant's Antennae Facilities as described more fully on the attached Exhibit C. Tenant may not add additional equipment and/or antennae from that shown on Exhibit C without the prior written approval of the Landlord.

Landlord reserves the right to require Tenant to relocate its facilities to another location on the Water Tower, provided that Tenant's use of the Leased Premises is not adversely impacted by any such relocation. Tenant shall complete the relocation of its facilities at Tenant's expense and within a reasonable time after written notice from Landlord.

ORIGINAL
LEASE

Cell Site No / Name : OK1652 / Casady Square (OK)
 FA No.: 10097837
 Site Address: 1849 East Westminster Place, Nichols Hills, OK

Landlord grants to Tenant the non-exclusive right and easement during the term of this Lease for ingress and egress on foot or by motor vehicle, including trucks, and for the installation and maintenance of utility wires, cable conduits and pipes over, under, or along the twenty foot (20') right of way extending from the nearest public right of way, which is known as Greystone Avenue to the Leased Premises, as such right of way is shown on Exhibit B hereto. Tenant shall have the right to install utilities, at Tenant's expense, and to remove present utilities on the Leased Premises (including but not limited to the installation of emergency power generators). In the event any public utility is unable or unwilling to use the aforementioned right of way, Landlord hereby agrees to grant an additional right of way to Tenant at no additional cost to Tenant.

2. Relocation. Notwithstanding any provision in this Lease to the contrary, Landlord shall have the right, at any time (and from time to time) during the term of this Lease, to relocate the Water Tower at Landlord's expense. Landlord shall provide Tenant ninety (90) days advance notice of its intent to relocate the Water Tower.

3. Term.

a. This Lease shall commence on June 1, 2012 (the "Commencement Date") and end on April 30, 2017 (the "Initial Term"). Upon expiration of the Initial Term, this Lease may be renewed for two (2) additional terms of five (5) years each (each a "Renewal Term"), unless Tenant provides Landlord notice of intention not to renew not less than ninety (90) days prior to the expiration of the then-current Initial Term or Renewal Term. Notwithstanding the foregoing, Landlord may terminate this Lease at any time upon twelve (12) months prior written notice to Tenant.

b. Landlord may terminate this Lease at any time following the adoption by the State or Federal government of a law, rule, regulation or decision to the effect that due (in whole or in part) to a landlord having entered into a lease such as this one, the landlord is required to allow additional antennas or towers (of any sort or description) on its property. In addition to the foregoing right to terminate this Lease, Landlord has the right, without any further liability, to terminate all of Tenant's rights to the Premises upon not less than one hundred eighty (180) days prior written notice to Tenant if:

(1) Landlord is prohibited by any governmental entity from continued use of the Owned Premises during the term of this Lease;

(2) Landlord's right to control or occupy the Owned Premises is terminated due to causes beyond its control;

(3) After May 1, 2017, Landlord determines that the Leased Premises is needed for public purposes and no other location will reasonably fulfill such a need.

4. Rent.

a. Tenant shall pay Landlord as annual rent for the Leased Premises the sum of Thirty-Three Thousand Seven Hundred Seventy and 40/100 Dollars (\$33,770.40) ("Base Rent"). Tenant shall pay Landlord Base Rent for the first year on the Commencement Date of

Cell Site No/ Name: OK1652 / Casady Square (OK)

FA No.: 10097837

Site Address: 1849 East Westminster Place, Nichols Hills, OK

this Lease. Thereafter, Tenant shall pay Landlord Base Rent annually in advance on each anniversary of the Commencement Date. Base Rent shall be increased annually as described hereafter.

b. Tenant shall pay Landlord a late payment charge equal to five percent (5%) of the late payment for any payment not paid when due. Any amounts not paid when due shall bear interest until paid at the lesser of the rate of three percent (3%) per month or the highest rate permitted by law.

c. In addition, upon execution of this Lease by Tenant, Tenant shall reimburse Landlord for its reasonable costs and expenses, including legal fees, incurred by Landlord in connection with the negotiation and preparation of this Lease not to exceed \$1,500.00.

d. The Base Rent shall be increased annually effective as of each anniversary of the Commencement Date by three percent (3.0%).

e. If this Lease is terminated at a time other than on the last day of the month, Rent shall be prorated as of the date of termination and in the event of termination for any reason other than Tenant's default, all prepaid Rents shall be refunded to the Tenant.

f. Base Rent and all other consideration to be paid or provided by Tenant to Landlord shall constitute "Rent" hereunder and shall be paid or provided without offset.

5. Intentionally Left Blank.

6. Use of Leased Premises.

a. Tenant shall use the Leased Premises for the installation, operation, repair, replacement and maintenance of commercial mobile radio service, which include a concrete pad approximately twelve feet by twenty feet (12' x 20') in size and a prefabricated equipment shelter not to exceed twelve feet by twenty feet (12' x 20') to be located on such concrete pad for the purpose of installing, maintaining and operating communications equipment. Tenant shall use the Water Tower for the installation, operation and maintenance of Antennae Facilities that are "personal wireless service facilities" as such term is defined in §704 of the Federal Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56 (1996), partially codified at 47 U.S.C. § 332(c)(7)(C)(2), and for no other purpose. Landlord may permit others to use other portions of the Water Tower. Pursuant to the preceding Tenant shall install and operate its Antennae Facilities in the manner and of the type described in Exhibit C hereto.

b. Tenant shall, at its expense, comply with all present and future federal, state, and local laws, ordinances, rules and regulations (including laws and ordinances relating to health, radio frequency emissions, other radiation and safety) in connection with the use, operation, maintenance, construction and/or installation of the Antennae Facilities and/or the Leased Premises. Landlord agrees to reasonably cooperate with Tenant in obtaining, at Tenant's expense (including reimbursement of Landlord's reasonable attorney and administrative fees), any federal licenses and permits required for or substantially required by Tenant's use of the Leased Premises.

Cell Site No / Name : OK1652 / Casady Square (OK)

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c. Removal.

(1) The Tenant shall remove the Antennae Facilities from the Leased Premises within thirty (30) days after termination of the Lease. Such removal shall be done in a workmanlike and careful manner and without interference or damage to any other equipment, structures or operations on the Leased Premises, including use of the Leased Premises by Landlord or any of Landlord's assignees or lessees. If, however, Tenant requests permission not to remove all or a portion of the improvements, and Landlord consents to such non-removal, title to the affected improvements shall thereupon transfer to Landlord and the same thereafter shall be the sole and entire property of Landlord, and Tenant shall be relieved of its duty to otherwise remove same.

(2) Upon removal of the improvements (or portions thereof) as provided above in subpart (1), Tenant shall restore the affected area of the Leased Premises to the reasonable satisfaction of Landlord.

(3) All costs and expenses for the removal and restoration to be performed by Tenant pursuant to subparts (1) and (2) above shall be borne by Tenant, and Tenant shall hold Landlord harmless from any portion thereof.

7. Construction Standards. Landlord reserves the right to require Tenant to paint the Antennae Facilities in a manner consistent with the color of the Water Tower or to otherwise shield the Antennae Facilities from view.

8. Intentionally Omitted.

9. Equipment Upgrade. Tenant may update or replace the Antennae Facilities from time to time upon prior written notice to Landlord, provided that the replacement facilities are not greater in number or size than the existing facilities and that any change in their location on the Water Tower is approved in writing by Landlord. Tenant shall submit to Landlord a detailed proposal for any change in location for replacement facilities and any supplemental materials as may be requested, for Landlord's evaluation and approval.

10. Maintenance.

a. Tenant shall, at its own expense, maintain the Leased Premises and any equipment on or attached to the Leased Premises in a safe condition, in good repair and in a manner suitable to Landlord so as not to conflict with the use of the Owned Premises or other leasing of space on the Water Tower by Landlord. Tenant shall not interfere with the use of the Water Tower, the Owned Premises, related facilities or other equipment of other tenants.

b. Tenant shall have sole responsibility for the maintenance, repair, and security of its equipment, personal property, Antennae Facilities, and leasehold improvements, and shall keep the same in good repair and condition during the Lease term.

c. Tenant shall keep the Leased Premises free of debris and anything of a dangerous, noxious or offensive nature or which would create a hazard or undue vibration, heat, noise or interference.

Cell Site No/ Name: OK1652 / Casady Square (OK)

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- d. In the event the Landlord or any other tenant undertakes painting, construction or other alterations on the Water Tower, Tenant shall take reasonable measures at Tenant's cost to cover Tenant's equipment, personal property or Antennae Facilities and protect such from paint and debris fallout which may occur during the painting, construction or alteration process.

11. Leased Premises Access.

a. Tenant shall have access to the Leased Premises by means of the access easement described on Exhibit B attached hereto, subject to notice requirements to Landlord in 11 (b) below.

b. Tenant shall have reasonable access to the Leased Premises in order to install, operate, and maintain its Antennae Facilities. Tenant shall provide Landlord twenty-four (24) hours advance notice, except in an emergency by contacting the City Manager at (405) 843-6637 or Public Works at (405) 843-5222.

c. Landlord shall be allowed and granted access to the Leased Premises at reasonable times to examine and inspect the Leased Premises for safety reasons or to ensure that the Tenant's covenants are being met.

12. Utilities. Tenant shall, at its expense, separately meter charges for the consumption of electricity and other utilities associated with its use of the Leased Premises and the Antennae Facilities and shall timely pay all costs associated therewith.

13. License Fees. Tenant shall pay, as they become due and payable, all governmental fees, charges and taxes levied as a result of Tenant's use of the Leased Premises. Tenant shall pay all governmental fees, charges and taxes required for licenses and/or permits required for Tenant's use of the Leased Premises.

14. Approvals: Compliance with Laws. Tenant's use of the Leased Premises is contingent upon its obtaining all certificates, permits, zoning, and other approvals that may be required by any federal, state or local authority. Tenant shall erect, maintain and operate its Antennae Facilities in accordance with standards, statutes, ordinances, rules and regulations now in effect or that may be issued thereafter by the Federal Communications Commission or any other governing bodies. Subject to the foregoing duty of Tenant, Landlord shall have sole responsibility for the maintenance, repair, and security of the Owned Premises, shall keep the same in good repair and condition during the Lease term and shall comply with all federal, state and local laws, orders, rules and regulations relating to Landlord's ownership and use of the Owned Premises, the Water Tower and other improvements on the Owned Premises.

15. Interference.

a. Tenant's installation, operation, and maintenance of its Antennae Facilities shall not damage or interfere in any way with Landlord's operations or related repair and maintenance activities or with such activities of other tenants. Tenant agrees to cease all such actions which materially interfere with Landlord's use of the Water Tower or the Owned Premises immediately upon actual notice of such interference, provided however, in such case, Tenant shall have the right to terminate the Lease. Landlord, at all times during this Lease, reserves the

Cell Site No / Name : OK1652 / Casady Square (OK)

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right to take any action it deems necessary, in its sole discretion, to repair, maintain, alter or improve the Leased Premises in connection with its operations as may be necessary, including leasing parts of the Water Tower to others.

b. Before Tenant replaces any Antennae Facilities, Landlord may require Tenant to provide any environmental assessment studies required by the Federal Communications Commission and obtain, at Tenant's expense, an interference study indicating whether Tenant's intended use will interfere with any existing communications facilities on the Water Tower.

c. Landlord does not guarantee to Tenant subsequent noninterference with Tenant's communications operations, provided, however, that in the event any other party except a governmental unit, office or agency requests a lease and/or permission to place any type of additional antennae or transmission facility on the Water Tower, the procedures of this paragraph shall govern to determine whether such antennae or transmission facility will interfere with Tenant's transmission operations.

d. If Landlord receives a request to lease space on the Water Tower from additional users, Landlord shall require such additional user to submit a proposal complete with all technical specifications to enable Landlord and Tenant to review such proposed use for noninterference; however, Landlord shall not be required to provide Tenant with any specifications or information claimed to be of a proprietary nature by the third party. The third party shall be responsible for the reasonable cost of preparing the technical specifications for its proposed transmission facility. Tenant shall have thirty (30) days following receipt of said proposal to make any objections thereto, and failure to make any objection within said thirty (30) day period shall be deemed consent by Tenant to the installation of antennae or transmission facilities pursuant to said proposal. If Tenant gives notice of objection due to interference during such 30 day period and Tenant's objections are verified by Landlord to be valid, then Landlord shall not permit the proposal to proceed until the additional user modifies the proposal in a manner determined, in Landlord's reasonable judgment, to adequately reduce the interference. In that case, Landlord may proceed with the proposal. A governmental unit may be allowed to place antennae or other communications facilities on the Water Tower regardless of potential or actual interference with Tenant's use, provided however, if Tenant's use of the Premises is materially affected, Tenant may terminate the Lease without further obligations hereunder.

e. Tenant's use and operation of its facilities shall not interfere with the use and operation of other communication facilities on the Water Tower which pre-existed Tenant's facilities. If Tenant's facilities cause interference with such pre-existing facilities, Tenant shall take all measures reasonably necessary to correct and eliminate the interference. If the interference cannot be eliminated in a reasonable time, Tenant shall immediately cease operating its facility until the interference has been eliminated. If the interference cannot be eliminated within 30 days, Landlord may terminate this Lease. If a subsequent user interferes with Tenant's facilities, Landlord shall require the user to take all measures reasonably necessary to correct and eliminate the interference. If the interference cannot be eliminated in a reasonable time, Landlord shall require such user to immediately cease operating its facility until the interference has been eliminated. If the interference cannot be eliminated within sixty (60) days, Tenant may

Cell Site No/ Name: OK1652 / Casady Square (OK)

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enjoin such interference, terminate this Lease or take any other action permitted under applicable law or in equity.

16. Default and Remedies.

a. It shall be a default if either party defaults in the performance of any covenant or condition of this Lease and does not cure such default within thirty (30) days after written notice from the non-defaulting party specifying the default complained of or if Tenant abandons or vacates the Leased Premises; or if either party is adjudicated as bankrupt or makes any assignment for the benefit of creditors, or becomes insolvent.

b. In the event of a default by Tenant, Landlord shall have the right, at its option, in addition to and not exclusive of any other remedy Landlord may have by operation of law, without any further demand or notice, to re-enter the Leased Premises and eject all persons therefrom, and terminate this Lease in which event all amounts currently due hereunder shall become immediately due and payable, Landlord shall make its best efforts to relet the Leased Premises, or any part thereof, upon such terms and conditions as Landlord may deem advisable, and any monies received from such reletting shall be applied first to the expenses of such reletting and collection, including reasonable attorneys' fees, any real estate commissions paid, and thereafter toward payment of all sums due to Landlord hereunder. If a sufficient sum shall not be realized to pay such sums and other charges, Landlord may bring an action to collect any amounts not paid by Tenant hereunder.

c. No re-entry and taking of possession of the Leased Premises by Landlord shall be construed as an election on Landlord's part to terminate this Lease, regardless of the extent of renovations and alterations by Landlord, unless a written notice of such intention is given to Tenant by Landlord. Notwithstanding any reletting without termination, Landlord may at any time thereafter elect to terminate this Lease for such previous breach.

d. If suit shall be brought by Landlord for recovery of possession of the Leased Premises, for the recovery of any rent or any other amount due under the provisions of this Lease, or by either party because of the breach of any other covenant, the breaching party shall pay to the non-breaching party all expenses incurred therefor, including reasonable attorney fees.

17. Cure by Landlord. In the event of any default of this Lease by Tenant, the Landlord may at any time, after notice, cure the default for the account of and at the expense of the Tenant. If Landlord is compelled to pay or elects to pay any sum of money or to do any act which will require the payment of any sum of money or is compelled to incur any expense, including reasonable attorney fees in instituting, prosecuting or defending any action to enforce the Landlord's rights under this Agreement, the sums so paid by Landlord, with all interest, costs and damages shall be deemed to be Base Rent and shall be due from the Tenant to Landlord on the first day of the month following the incurring of the respective expenses.

18. Optional Termination.

a. This Lease may be terminated (i) by Tenant if it is unable to obtain or maintain any license, permit, or other governmental approval necessary for the construction and/or operation

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of the Antennae Facilities or Tenant's business; (ii) by Landlord if the Landlord decides, in its sole discretion and for any reason, to discontinue use of the Water Tower; (iii) by Landlord if it determines, in its sole discretion and for any reason, that the Water Tower is structurally unsound or otherwise not suitable for Tenant's use, including but not limited to consideration of age of the structure, damage or destruction of all or part of the Water Tower from any source, or factors relating to the condition of the Water Tower; (iv) by Landlord if it determines in its sole discretion that continued use of the Water Tower by Tenant is in fact a threat to health, safety or welfare or violates applicable laws or ordinances; or (v) by Landlord at its sole discretion if Tenant loses its license to provide PCS/cellular service for any reason, including, but not limited to, nonrenewal or cancellation of its license.

b. Upon termination of this Lease for any reason, Tenant shall remove its equipment, personal property, Antennae Facilities, and leasehold improvements from the Leased Premises as required by Section 6c(1) hereof, and shall repair any damage to the Premises caused by such equipment, normal wear and tear excepted; all at Tenant's sole cost and expense. Any such property or facilities which are not removed pursuant to the requirements of Section 6c(1) hereof shall become the property of Landlord.

19. Liquidated Damages: Termination. Notice of Tenant's termination pursuant to paragraph 18 shall be given to Landlord in writing by certified mail, return receipt requested, and shall be effective upon receipt of such notice. All rentals paid for the Lease of the Leased Premises prior to said termination date shall be retained by Landlord. Upon such termination, this Lease shall become null and void and the parties shall have no further obligations to each other, except that rental payments to the Landlord shall continue as liquidated damages for the remainder of the contract year in which such termination occurs.

20. Alteration. Damage or Destruction. If the Water Tower or any portion thereof is altered, destroyed or damaged so as to materially hinder effective use of the Antennae Facilities through no fault or negligence of Tenant, Tenant may elect to terminate this Lease upon thirty (30) days' written notice to Landlord. In such event, Tenant shall promptly remove the Antennae Facilities from the Leased Premises and shall restore the Leased Premises to the same condition as existed prior to this Lease, normal wear and tear and damage from the foregoing casualty excepted. This Lease (and Tenant's obligation to pay rent) shall terminate upon Tenant's fulfillment of the obligations set forth in the preceding sentence, at which termination Tenant shall be entitled to the reimbursement of any Rent prepaid by Tenant. Landlord shall have no obligation to repair any damage to any portion of the Leased Premises.

21, Condemnation. In the event the Owned Premises are taken by eminent domain, this Lease shall terminate as of the date title to the Owned Premises vests in the condemning authority. In the event any portion of the Leased Premises is taken by eminent domain, either party shall have the right to terminate this Lease as of said date of title transfer, by giving thirty (30) days' written notice to the other party. In the event of any taking under the power of eminent domain, Tenant shall not be entitled to any portion of the reward paid for the taking and the Landlord shall receive full amount of such award. Tenant hereby expressly waives any right or claim to any portion thereof although all damages, whether awarded as compensation for diminution in value of the leasehold or to the fee of the Leased Premises, shall belong to Landlord. Tenant shall have the right to claim and recover from the condemning

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authority, but not from Landlord, such compensation as may be separately awarded or recoverable by Tenant on account of any and all damage to Tenant's business and any costs or expenses incurred by Tenant in moving/removing its equipment, personal property, Antennae Facilities, and leasehold improvements.

22. Indemnity and Insurance.

a. Disclaimer of Liability: Landlord shall not at any time be liable for injury or damage occurring to any person or property from any cause whatsoever arising out of Tenant's construction, maintenance, repair, use, operation, condition or dismantling of the Leased Premises or Tenant's Antennae Facilities, excepting such injury or damage as may be attributable to the acts or omissions of Landlord, its agents, servants or contractors.

b. Indemnification: Tenant shall, at its sole cost and expense, indemnify and hold harmless Landlord, its respective officers, boards, commissions, employees, agents, attorneys, and contractors, elected or appointed, (hereinafter referred to as "Indemnitees"), from and against:

i. Any and all liability, obligation, damages, penalties, claims, liens, costs, charges, losses and expenses (including, without limitation, reasonable fees and expenses of attorneys), which may be imposed upon, incurred by or be asserted against the Indemnitees by reason of any act or omission of Tenant, its personnel, employees, agents, contractors or subcontractors, resulting in personal injury, bodily injury, sickness, disease or death to any person or damage to, loss of or destruction of tangible or intangible property, invasion of privacy and unauthorized use of any trademark, trade name, copyright, patent, service mark or any other right of any person, firm or corporation, which may arise out of or be in any way connected with the construction, installation, operation, maintenance, use or condition of the Leased Premises or Tenant's Antennae Facilities or the Tenant's failure to comply with any federal, state or local statute, ordinance or regulation.

ii Any and all liabilities, obligations, damages, penalties, claims, liens, costs, charges, losses and expenses (including, without limitation, reasonable fees and expenses of attorneys, expert witnesses and other consultants), which are imposed upon, incurred by or asserted against the Indemnitees by reason of any claim or lien arising out of work, labor, materials or supplies provided or supplied to Tenant, its contractors or subcontractors, for the installation, construction, operation, maintenance or use of the Leased Premises or Tenant's Antennae Facilities, and, upon the written request of Landlord, Tenant shall cause such claim or lien covering Landlord's property to be discharged or bonded within thirty (30) days following such request.

c. Assumption of Risk: Tenant undertakes and assumes for its officers, agents, affiliates, contractors and subcontractors and employees (collectively "Tenant" for the purpose of this section), all risk of dangerous conditions, if any, on or about the Owned Premises or the Water Tower, and Tenant hereby agrees to indemnify and hold harmless the Indemnitees against and from any claim asserted or liability imposed upon the Indemnitees for personal injury or property damage to any person (other than from Indemnitee's gross negligence) arising out of

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the Tenant's installation, operation, maintenance, condition or use of the Leased Premises or Tenant's Antennae Facilities or Tenant's failure to comply with any federal, state or local statute, ordinance or regulation.

d. Defense of Indemnitees: In the event any action or proceeding shall be brought against the Indemnitees by reason of any matter for which the Indemnitees are indemnified hereunder, Tenant shall, upon notice from any of the Indemnitees, at Tenant's sole cost and expense, resist and defend the same; provided however, that Tenant shall not admit liability in any such matter on behalf of the Indemnitees without the written consent of Landlord and provided further that Indemnitees shall not admit liability for, nor enter into any compromise or settlement of, any claim for which they are indemnified hereunder, without the prior written consent of Tenant.

e. Notice, Cooperation and Expenses: Landlord shall give Tenant prompt notice of the making of any claim or the commencement of any action, suit or other proceeding covered by the provisions of the preceding paragraph. Nothing herein shall be deemed to prevent Landlord from cooperating with Tenant and participating in the defense of any litigation by Landlord's own counsel. Tenant shall pay all expenses incurred by Landlord in response to any such actions, suits or proceedings. These expenses shall include all out-of-pocket expenses such as attorney fees and shall also include the reasonable value of any services rendered by the Landlord's attorney, and the actual expenses of Landlord's agents, employees or expert witnesses, and disbursements and liabilities assumed by Landlord in connection with such suits, actions or proceedings but shall not include attorneys' fees for services that are unnecessarily duplicative of services provided Landlord by Tenant.

If Tenant requests Landlord to assist it in such defense then Tenant shall pay all expenses incurred by Landlord in response thereto, including defending itself with regard to any such actions, suits or proceedings. These expenses shall include all out-of-pocket expenses such as attorney fees and shall also include the costs of any services rendered by the Landlord's attorney, and the actual expenses of Landlord's agents, employees or expert witnesses, and disbursements and liabilities assumed by Landlord in connection with such suits, actions or proceedings.

f. Insurance: During the term of the Lease, Tenant shall maintain, or cause to be maintained, in full force and effect and at its sole cost and expense, the following types and limits of insurance:

- i. Worker's compensation insurance meeting applicable statutory requirements and employer's liability insurance with minimum limits of One Million Dollars (\$1,000,000) for each accident.
- ii. Commercial general liability insurance with minimum limits of Five Million Dollars (\$5,000,000) as the combined single limit for each occurrence and in the aggregate for bodily injury, personal injury, death and property damage. The policy shall provide blanket contractual liability insurance for all written contracts, and shall include coverage for products and completed operations liability, independent contractor's liability; coverage for property damage from perils of explosion, collapse or damage to

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underground utilities, commonly known as XCU coverage.

iii. Automobile liability insurance covering all owned, hired, and nonowned vehicles in use by Tenant, its employees and agents, with personal protection insurance and property protection insurance to comply with the provisions of state law with minimum limits of Two Million Dollars (\$2,000,000) as the combined single limit for each occurrence for bodily injury and property damage.

iv. Business interruption insurance coverage in an amount sufficient to cover such loss of revenues, for the period of time which it would take, under normal circumstances, to repair or replace that part(s) of the Antennae Facilities which is damaged and caused the loss of revenue.

v. The coverage amounts set forth above may be met by a combination of underlying and umbrella policies so long as in combination the limits equal or exceed those stated.

g. Named Insureds: All required liability policies, except for worker's compensation policies, shall include Landlord as additional insureds (herein referred to as the "Additional Insureds").

h. Evidence of insurance: Certificates of insurance for each insurance policy required to be obtained by Tenant in compliance with this paragraph shall be filed and maintained with Landlord annually during the term of the Lease. Tenant shall immediately advise Landlord of any claim or litigation that may result in liability to Landlord.

i. Insurance Companies: All insurance shall be effected under valid and enforceable policies, insured by insurers licensed to do business by the State of Oklahoma or surplus line carriers on the State of Oklahoma Insurance Commissioner's approved list of companies qualified to do business in the State of Oklahoma. All insurance carriers and surplus line carriers shall be rated A minus or better by A.M. Best Company.

j. Contractors: Tenant shall require that each and every one of its contractors and their subcontractors who perform work on the Leased Premises to carry, in full force and effect, workers' compensation, commercial general liability and automobile liability insurance coverages of the type but not the same limits which Tenant is required to obtain under the terms of this Lease or in the alternative, Tenant shall require that such contractors and subcontractors be named as additional insured parties on Tenant's insurance policies.

23. Hazardous Substance Indemnification. Tenant represents and warrants that its use of the Premises herein will not generate any hazardous substance, and it will not store or dispose on the Premises nor transport to or over the Premises any hazardous substance. Tenant further agrees to hold Landlord harmless from and indemnify Landlord against any release of any such hazardous substance and any damage, loss, or expense or liability resulting from such release including all attorneys' fees, costs and penalties incurred as a result thereof except any release caused by the negligence of Landlord,

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its employees or agents. "Hazardous substance" shall be interpreted broadly to mean any substance or material defined or designated as hazardous or toxic waste, hazardous or toxic material, hazardous or toxic or radioactive substance, or other similar term by any federal, state or local environmental law, regulation or rule presently in effect or promulgated in the future, *as* such laws, regulations or rules may be amended from time to time; and it shall be interpreted to include, but not be limited to, any substance which after release into the environment will or may reasonably be anticipated to cause sickness, death or disease.

24. Holding Over. Any holding over after the expiration of the term hereof, with the consent of the Landlord, shall be construed to be a tenancy from month to month at two times the rents herein specified (prorated on a monthly basis) and shall otherwise be for the term and on the conditions herein specified, so far as applicable.

25. Subordination to Mortgage. Any mortgage now or subsequently placed upon any property of which the Leased Premises are a part shall be deemed to be prior in time and senior to the rights of the Tenant under this Lease. Tenant subordinates all of its interest in the leasehold estate created by this Lease to the lien of any such mortgage. Tenant shall, at Landlord's request, execute any additional documents necessary to indicate this subordination.

26. Intentionally Omitted.

27. Acceptance of Premises. Tenant accepts the Leased Premises in the condition existing as of the Commencement Date. Landlord makes no representation or warranty with respect to the condition of the Leased Premises and Landlord shall not be liable for any latent or patent defect in the Leased Premises existing at the Commencement Date of this Lease.

28. Estoppel Certificate. Tenant shall, at any time and from time to time upon not less than ten (10) days prior request by Landlord but in no event more frequently than once per year, deliver to Landlord a statement in writing certifying that (a) the Lease is unmodified and in full force (or if there have been modifications, that the Lease is in full force as modified and identify the modifications); (b) the dates to which rent and other charges have been paid; (c) so far as the person making the certificate knows, Landlord is not in default under any provisions of the Lease, if Landlord is in fact not in default at the time the statement is certified; and (d) such other matters as Landlord may reasonably request.

29. Notices. All notices, requests, demands, and other communications hereunder shall be in writing and shall be deemed given if personally delivered or mailed, certified mail, return receipt requested; to the following addresses:

If to Landlord, to:

City Manager
 6407 Avondale Dr.
 Nichols Hills, OK 73116

With a copy to:

Kendall Parrish

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Comingdeer, Lee & Gooch
 6011 N. Robinson
 Oklahoma City, OK 73118

If to Tenant, to:

New Cingular Wireless PCS, LLC
 Attn: Network Real Estate Administration
 Re: Cell Site #: OK1652; Cell Site Name: Casady Square (OK)
 Fixed Asset No: 10097837
 12555 Cingular Way, Suite 1300
 Alpharetta, GA 30004

With a copy to:

New Cingular Wireless PCS, LLC
 Attn: Legal Department
 Re: Cell Site #: OK1652; Cell Site Name: Casady Square (OK)
 Fixed Asset No: 10097837
 15 East Midland Avenue
 Paramus, NJ 07652

30. Assignment.

a. Tenant may assign this Lease to Tenant's parent companies or any affiliate or subsidiary of Tenant or its parent companies, or to any entity with or into which Tenant is merged or consolidated, or to any entity resulting from a reorganization of Tenant or its parent companies. Otherwise, Tenant may not assign this Lease or sublet the Leased Premises without the prior written consent of Landlord.

b. Nothing in this Lease shall preclude Landlord from leasing other space for communications equipment to any person or entity which may be in competition with Tenant, or any other party.

31. Successors and Assigns. This Lease shall be binding upon and inure to the benefit of the parties, their respective successors, personal representatives and assigns.

32. Non-Waiver. Failure of Landlord to insist on strict performance of any of the conditions, covenants, terms or provisions of this Agreement or to exercise any of its rights hereunder shall not waive such rights, but Landlord shall have the rights to enforce such rights at any time and take such action as might be lawful or authorized hereunder, either in law or equity. The receipt of any sum paid by Tenant to Landlord after a breach of this Agreement shall not be deemed a waiver of such breach unless expressly set forth in writing.

33. Taxes.

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a. Tenant shall pay all real and personal property taxes (or payments in lieu of taxes) and assessments for the Leased Premises, if any, which become due and payable during the term of this Lease. All such payments shall be made, and evidence of all such payments shall be provided to Landlord, at least ten (10) days prior to the delinquency date of the payment. Tenant shall pay all taxes on its personal property on the Leased Premises.

b. Tenant shall indemnify Landlord from any and all liability, obligation, damages, penalties, claims, liens, costs, charges, losses and expenses (including, without limitation, reasonable fees and expenses of attorneys, expert witnesses and consultants), which may be imposed upon, incurred by or be asserted against Tenant in relation to the taxes owed or assessed on the Leased Premises.

c. If the methods of taxation in effect at the Commencement Date of the Lease are altered so that in lieu of or as a substitute for any portion of the property taxes and special assessments now imposed on property there is imposed a tax upon or against the rentals payable by Tenant to Landlord, Tenant shall pay those amounts in the same manner as provided for the payment of real and personal property taxes.

34. Dispute Resolution.

a. Except as otherwise provided in this Lease, any controversy between the parties arising out of this Lease or breach thereof, is subject to the mediation process described below.

b. A meeting will be held promptly between the parties to attempt in good faith to negotiate a resolution of the dispute. Individuals with decision making authority will attend the meeting regarding the dispute. If within twenty (20) days after such meeting the parties have not succeeded in resolving the dispute, they will, within twenty (20) days thereafter submit the dispute to a mutually acceptable third party mediator who is acquainted with dispute resolution methods. Landlord and Tenant will participate in good faith in the mediation and in the mediation process. The mediation shall be nonbinding. Neither party is entitled to seek or recover punitive damages in considering or fixing any award under these proceedings.

c. The costs of mediation, including any mediators fees, and costs for the use of the facilities during the meetings, shall be born equally by the parties. Each parties costs and expenses will be borne by the party incurring them.

35. Treatment in Bankruptcy. The parties to this Lease hereby expressly agree and acknowledge that it is the intention of both parties that in the event that during the term of this Lease Tenant shall become a debtor in any voluntary or involuntary bankruptcy proceeding (a "Proceeding") under the United States Bankruptcy Code, 11 U.S.C. § 101, et seq. (The "Code"), this Lease is and shall be treated as an "unexpired lease of nonresidential real property" for purposes of Section 365 of the Code, 11 U.S.C. § 365, and, accordingly, shall be subject to the provisions of subsections (d)(3) and (d)(4) of said Section 365.

36. Force Majeure. If a party is delayed or hindered in, or prevented from the performance required under this Lease (except for payment of monetary obligations) by reason of earthquakes, landslides, strikes, lockouts, labor troubles, failure of power, riots, insurrections, war, acts of God or other reasons

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of like nature, not the fault of the party delayed in performing work or doing acts, such party is excused from such performance for the period of delay. The period for the performance of any such act shall then be extended for the period of such delay. In the event that Tenant invokes this provision because damage to the Leased Premises has hindered, delayed, or prevented Tenant from using the Premises, Tenant may immediately erect any temporary facilities on the Leased Premises necessary to resume service, provided that such temporary facilities do not unreasonably interfere with Landlord's ability to repair or restore the Leased Premises. If, in Landlord's sole and absolute discretion, it elects to repair or restore the Leased Premises, upon completion of such repair or restoration, Tenant is entitled to repair or rebuild the Tower and/or related facility in accordance with the terms agreed upon in this Lease.

37. Miscellaneous,

a. This Lease is not a franchise pursuant to the Oklahoma Constitution, nor is it a permit to use the rights-of-way of the City of Nichols Hills with the sole exception of the right of way for ingress and egress described in section 1 hereof. Any such franchise or permit must be obtained separately from Landlord.

b. Landlord and Tenant each represent and warrant to the other that all necessary authorizations and approvals required for execution and performance of this Lease have been given and that the undersigned individual is duly authorized to execute this Lease and bind the party for which it signs.

c. This Lease constitutes the entire agreement and understanding of the parties and supersedes all offers, negotiations, and other agreements of any kind. There are no representations or understandings of any kind not set forth herein. Any modification of or amendment to this Lease must be in writing and executed by both parties.

d. This Lease and performance hereunder shall be governed, interpreted, construed and regulated by the laws of the State of Oklahoma.

e. If any term, covenant, condition or provision of this Lease shall, to any extent, be invalid or unenforceable, the remainder of this Lease shall not be affected thereby, and shall be valid and enforceable to the fullest extent permitted by law.

f. Landlord hereby expressly disclaims all Warranties of Merchantability and Fitness for a Particular Purpose associated with the Premises. Subject to Landlord's maintenance and compliance obligations expressly provided herein, Tenant accepts the Leased Premises "as is."

g. Tenant shall use the utmost good faith to apply for, obtain, and keep in full force and effect all certificates, permits, licenses, and approvals affecting Tenant's ability to use the Leased Premises.

h. This Lease may be executed in any number of counterparts, each of which shall be an original, but all of which together shall constitute but one instrument.

i. This Lease does not and shall not be construed to establish or create a partnership, joint

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venture, franchise or other form of business association between Landlord and Tenant.

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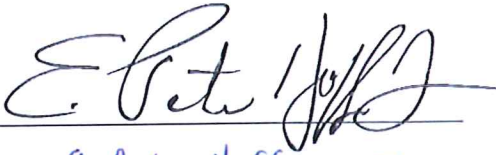
FA No.: 10097837

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This Lease was executed as of the date first set forth above.

LANDLORD:

City of Nichols Hills

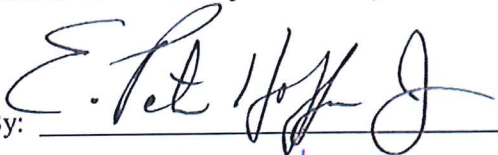
By: 

Name: E. Peter Hoffman Jr.

Title: Mayor

Date: June 12, 2012

Nichols Hills Municipal Authority

By: 

Name: E. Peter Hoffman Jr.

Title: Chairman

Date: June 12, 2012

TENANT:

New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: AT&T Mobility Corporation
Its Manager

By: 

Name: Kevin L. Lilly

Title: Area Manager, Construction & Engineering AR/OK

Date: 6/11/12

EXHIBIT A**LEGAL DESCRIPTION OF OWNED PREMISES****PARENT TRACT DESCRIPTION**

Lots Twenty-four (24) and Twenty-five (25), Block One Hundred Eight (108), WILSHIRE SECTION, in plat of Blocks 106 to 109 both inclusive and Blocks 112 and 113, WILSHIRE SECTION, on addition in Oklahoma County, Oklahoma according to the recorded plat thereof.

(WARRANTY DEED RECORDED IN BOOK 1562, PAGE 443, DEED RECORDS OF OKLAHOMA COUNTY, OKLAHOMA.)

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EXHIBIT B

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LEASED PREMISES

LESSEE'S LEASE SITE DESCRIPTION

A tract of land lying in and being part of Lot 25, Block 108, WILSHIRE SECTION NICHOLS HILLS, An Addition to Oklahoma County, Oklahoma, according to the recorded plat thereof, as described in Book 1562, Page 443, Deed Records of Oklahoma County, Oklahoma; Said tract being more particularly described as follows:

Commencing at a 3/8" iron rod found for the Southwest corner of said Lot 25; Thence N 00°01'43" W on the West line of said Lot 25, a distance of 41.00 feet to a point on said West line; Thence N 89°58'17" E perpendicular to said West line, a distance of 10.00 feet to a 1/2" iron rod with cap set for the Southwest corner, said corner being the Point of Beginning; Thence N 00°01'43" W and parallel with said West line, a distance of 20.00 feet to a 1/2" iron rod with cap set for the Northwest corner; Thence N 89°58'17" E perpendicular to said West line, a distance of 12.00 feet to a 1/2" iron rod with cap set for the Northeast corner; Thence S 00°01'43" E and parallel with said West line, a distance of 20.00 feet to a 1/2" iron rod with cap set for the Southeast corner; Thence S 89°58'17" W perpendicular to said West line, a distance of 12.00 feet to the Point of Beginning, containing 240.00 square feet or 0.006 acres, more or less.

LESSEE'S ACCESS/UTILITY EASEMENT DESCRIPTION

A 12.00 foot wide easement for ingress, egress and utility purposes crossing a part of Lot 25, Block 108, WILSHIRE SECTION NICHOLS HILLS, An Addition to Oklahoma County, Oklahoma, according to the recorded plat thereof, as described in Book 1562, Page 443, Deed Records of Oklahoma County, Oklahoma; Said easement being 6.00 feet on each side of the following described centerline:

Commencing at a 3/8" iron rod found for the Southwest corner of said Lot 25; Thence N 00°01'43" W on the West line of said Lot 25, a distance of 35.00 feet to the Point of Beginning on said West line, also being the East Public Right-of-way line of Greystone Avenue; Thence N 89°58'17" E perpendicular to said West line, a distance of 22.00 feet to the Point of termination 6.00 feet South of the 1/2" iron rod with cap set for the Southeast corner of the above described 0.006 acre Lessee's Lease Site. Side lines of said easement to be shortened or extended such as to begin on the East Public Right-of-way line of Greystone Avenue and terminate 6.00 feet South of the Southeast corner of said 0.006 acre Lessee's Lease Site.

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EXHIBIT B

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LEASED PREMISES

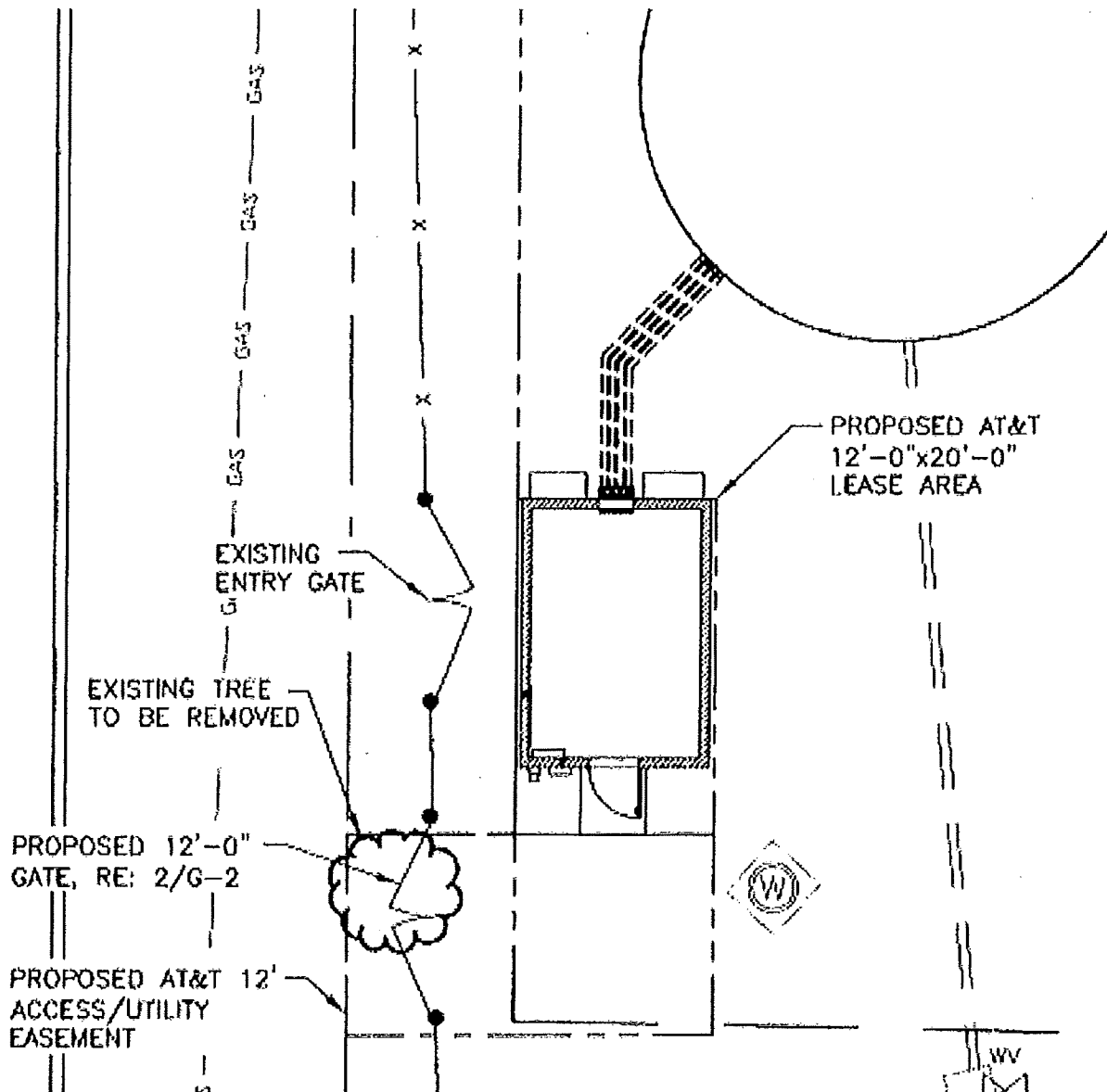


EXHIBIT C

Description of Antenna Facilities

6 Antennas

3 Tower Mounted Amplifiers

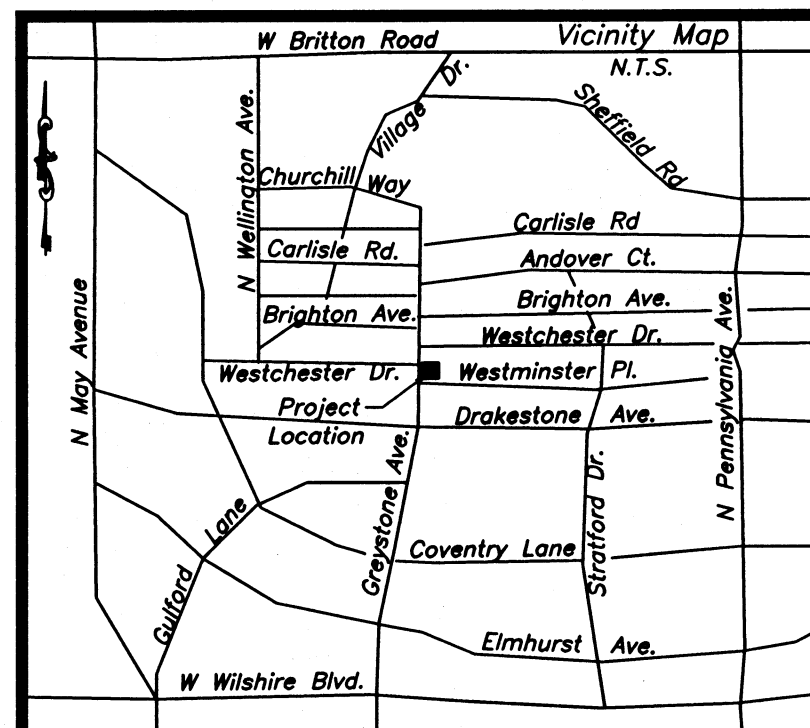
6 Runs of 1-5/8" Coax

3 Runs of 3/8" Fiber Optic Cable

1 Run of 3/8" Control Cable

All installed on a collar mount placed on the neck of the Water Tower

Plus all ground equipment that will be kept within Tenant's 12' x 20' lease area adjacent to the Water Tower.



MAGNETIC DECLINATION
Magnetic Declination Information Provided
By The National Geophysical Data Center
Boulder, Colorado On 12/23/11
Model: IGRF2010

LINE	BEARING	DISTANCE
L1	N 00°01'43" W	41.00'
L2	N 89°58'17" E	10.00'
L3	N 00°01'43" W	20.00'
L4	N 89°58'17" E	12.00'
L5	S 00°01'43" E	20.00'
L6	S 89°58'17" W	12.00'
L7	N 00°01'43" W	35.00'
L8	N 89°58'17" E	22.00'

TOWER DATA DETAIL
N.T.S.

TOP OF PANEL ANTENNA ELEVATION = 1352'
TOP OF BEACON ELEVATION = 1350'
TOP OF VENT ELEVATION = 1349'
TOP OF TANK ELEVATION = 1346'
BOTTOM OF PANEL ANTENNA ELEV. = 1346'

BOTTOM OF TANK ELEVATION = 1311'

TOP OF STEM ELEVATION = 1303'

TOP OF PANEL ANTENNA ELEVATION = 1302'

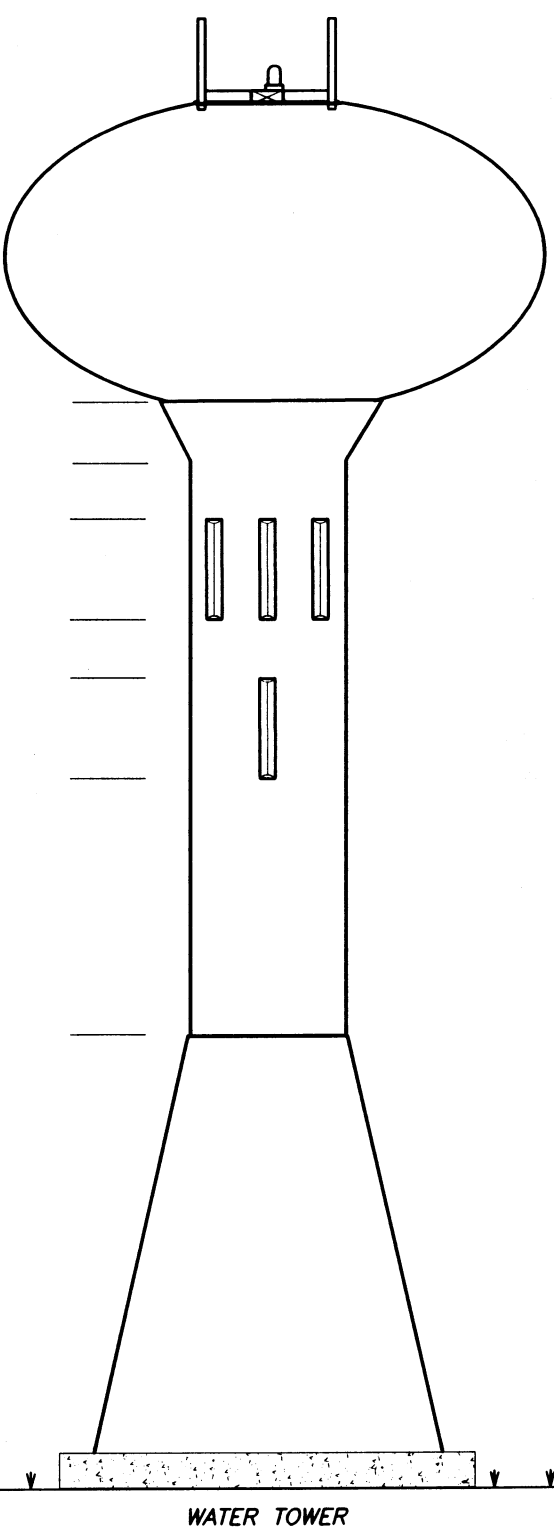
BOTTOM OF PANEL ANTENNA ELEVATION = 1296'

TOP OF PANEL ANTENNA ELEVATION = 1289'

BOTTOM OF PANEL ANTENNA ELEVATION = 1285'

TOP OF FLARED BASE ELEV. = 1252'

TOP OF BASE ELEVATION = 1218'
NATURAL GROUND ELEVATION = 1217'



Unless Noted, All Data is Expressed in NAD83 & NAVD88

LOCATION/DESCRIPTION	LATITUDE	LONGITUDE	ELEVATION
TOWER NAD83/NAVD88	35°33'31.147"	97°33'28.910"	1217.91'
TOWER NAD27/NGVD29	35°33'30.943"	97°33'27.763"	1217.46'

NOTE: 1A data taken from
C/L existing tower as
shown hereon.

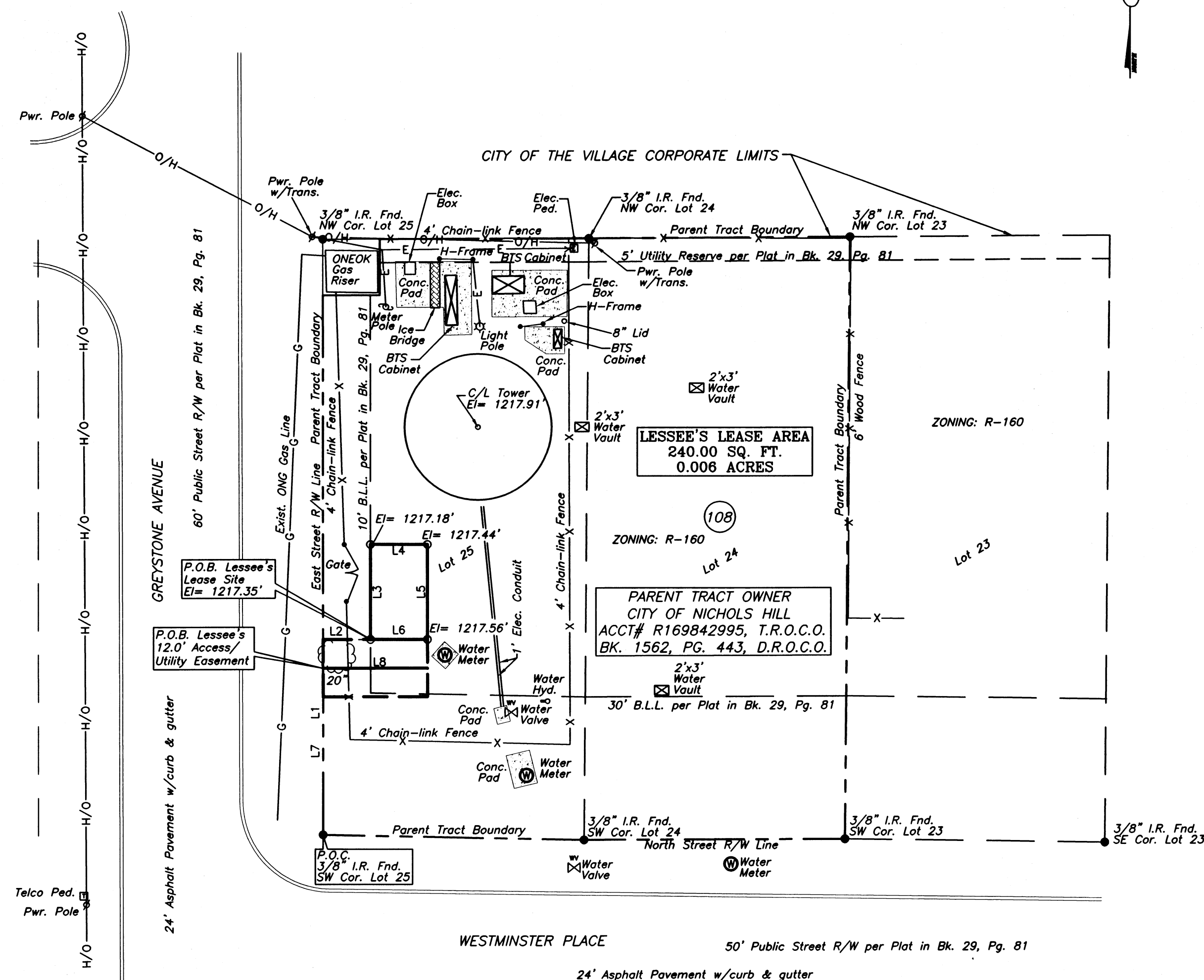


BEFORE YOU DIG !!!
CALL OKIE FOR LOCATION
OF UNDERGROUND UTILITIES.
1-800-522-6543

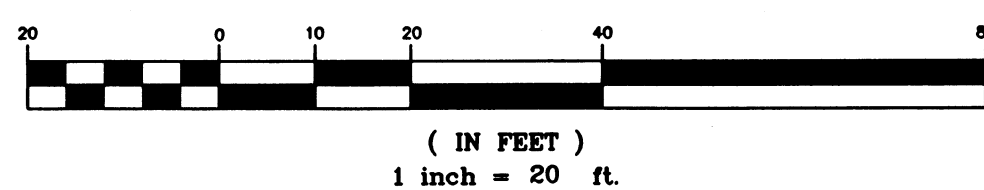
NO.	REVISION	DATE	BY	DATE SURVEYED:	DATE DRAFTED:
				12/23/11	12/27/11
				FIELD WORK: S.G.	OFFICE WORK: J.L.S.
				CHK'D BY: V.C.V.	JOB NO.: 3015.0134
SCALE: 1" = 20'					

○ LIGHT POLE (U/G ELEC) ○ LIGHT POLE (O/H ELEC) — POWER POLE — GUY LINE — OVERHEAD ELECTRIC — U/G ELECTRIC — WATER LINE — WATER METER — WATER VALVE	○ GAS LINE ○ GAS METER — TELEPHONE LINE — SANITARY RISER — SANITARY SEWER MANHOLE — STORM SEWER MANHOLE — STORM SEWER LINE ○ 1/2" IRON ROD WITH CAP SET ● IRON ROD FOUND
---	--

ZONING DATA
ZONED: R-160 (RESIDENTIAL SINGLE FAMILY)
SETBACK: SHOWN PER SUBDIVISION PLAT
PROVIDED BY: KELLY HURLEY, DIRECTOR OF PLANNING & ZONING DEPT.
CITY OF NICHOLS HILLS
6407 AVONDALE DRIVE
NICHOLS HILLS, OK 73116
PHONE: 405-843-5222



GRAPHIC SCALE



THE UTILITIES AS SHOWN ON THIS DRAWING
WERE DEVELOPED FROM THE INFORMATION
AVAILABLE. THIS IS NOT IMPLIED NOR INTENDED
TO BE THE COMPLETE INVENTORY OF UTILITIES
IN THIS AREA. IT IS THE CLIENTS
RESPONSIBILITY TO VERIFY THE LOCATION OF
ALL UTILITIES (WHETHER SHOWN OR NOT) AND
PROTECT SAID UTILITIES FROM ANY DAMAGE.

I, VIRGIL C. VAUGHN, a Licensed Land Surveyor, certify that this survey meets the minimum standards of accuracy as set by the Oklahoma State Board of Registration of Land Surveyors.

Virgil C. Vaughn, OK. L.S. #405

Date

NOTE: "THIS DOCUMENT IS
PRELIMINARY IN NATURE AND
IS NOT A FINAL, SIGNED AND
SEALED DOCUMENT".

NOTES CONCERNING SURVEY:

- 1: The Surveyor was not provided with a TITLE REPORT. Nor further abstracting or research was done by the surveyor.
- 2: Bearings shown hereon are based on the Oklahoma State Plane Coordinate System, North Zone, NAD83 Datum.
- 3: The elevations shown hereon are based on the NAVD88 datum.
- 4: The latitude and longitude shown hereon are based on the NAD83 Datum and meet or exceed the minimum requirements for a FCC/FAA 1A survey which is defined as plus or minus 20 feet horizontal and plus or minus 3 feet vertical. This information was established and determined by GPS on 12/23/2011.
- 5: The Lessee's Lease Site shown on this survey DOES NOT lie within the 100 year plain and is located within the Flood Zone "X" per the Federal Emergency Management Agency (FEMA) as shown on the Flood Insurance Rate Map (FIRM), Community Panel Number 40109C 0170H, which bears an effective date of December 18, 2009. Flood Zone determination is made through graphic plotting only and no other responsibility is herein assumed for accuracy of the base flood elevation or flood zone areas shown on the FIRM.
- 6: This survey does not provide any determination concerning wetlands, fault lines, toxic waste or any other environmental issues. Such matters should be directed to an expert consultant.
- 7: There may be additional buried or underground utilities in the area which the surveyor is unaware of and no liability for such is assumed herein. OKLAHOMA ONE-CALL SYSTEM, INC. (1-800-522-6543)
- 8: THIS IS NOT A BOUNDARY SURVEY OF THE PARENT TRACT.

911 ADDRESS: 4403 SW 36TH STREET, OKLAHOMA CITY, OK 73119-2404

Bearings Based on O.S.P.C.
Established GPS: 12/23/2011
Datum: Horz: NAD83 OK North Zone
Vert: Geoid 96

SITE SURVEY OF: OK1652-F / CASADY SQUARE LOTS 24-25, BLOCK 108, WILSHIRE SECTION NICHOLS HILLS, OK		DRAWING NO. S-1 SHEET 1 OF 1
PREPARED FOR: AT&T MOBILITY 10802 EXECUTIVE CENTER DR., STE# 300, LITTLE ROCK, AR 72211		



AT&T
Mobility

SITE NAME: CASADY SQUARE
SITE ID: OKL01652
FA LOCATION CODE: 10097837
PROJECT: LTE-5G NR RADIO / ANT MOD RF MOD
TOWER NUMBER: N/A
PACE ID: MROAR038897 / MROAR038811 / MROAR038810 / MROAR040133
ADDRESS: 1849 EAST WESTMINSTER PLACE, OKLAHOMA CITY, OK 73120
TOWER INFO: 129'-0" WATER TANK
SITE COORDINATES: 35.558642° / -97.558022°

THE DESIGN SHOWN ON THESE DRAWINGS IS BASED ON INFORMATION GATHERED FROM AT&T RFDS AT&T RFDS V2021_1.00 DATED 10/26/2021.

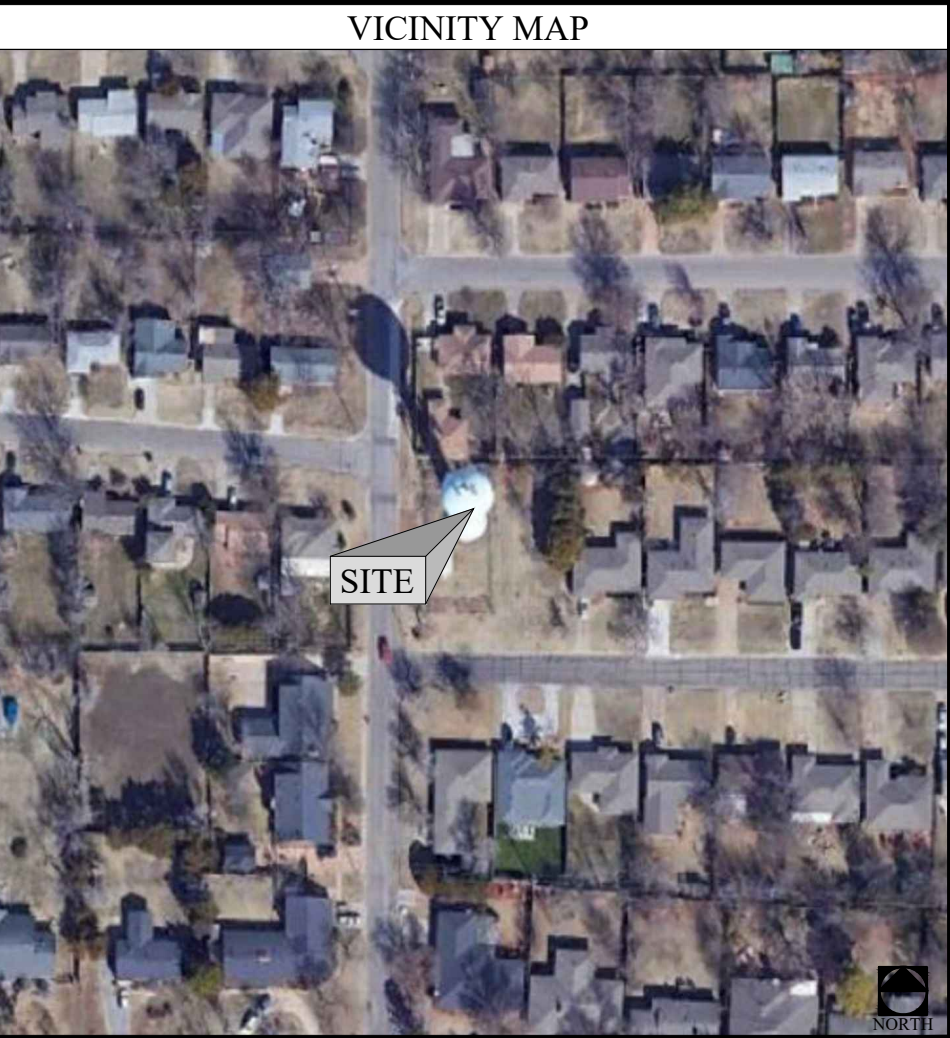
SITE INFORMATION	
SITE NAME:	CASADY SQUARE
SITE ID:	OKL01652
FA LOCATION CODE:	10097837
ADDRESS:	1849 EAST WESTMINSTER PLACE
CITY, STATE ZIP:	OKLAHOMA CITY, OK 73120
COUNTY:	OKLAHOMA
LATITUDE:	35.558642°
LONGITUDE:	-97.558022°
GROUND ELEVATION:	1218'± AMSL
STRUCTURE TYPE:	WATER TANK
STRUCTURE HEIGHT:	129'-0" A.G.L (ABOVE GROUND LEVEL)
RAD CENTER:	70'-0" A.G.L
APPLICANT:	AT&T MOBILITY 17000 CANTRELL ROAD, STEVEN B. LAMBERT, sl5279@att.com LITTLE ROCK, AR 72223
SITE ACQUISITION:	HAZEL MAURO – SITE ACQUISITION MANAGER 155 INTERNATIONAL BLVD GLENDALE HEIGHTS, IL 60139 hazel.mauro@nexius.com
A&E SERVICES:	NEXIUS SOLUTIONS, INC. 2595 NORTH DALLAS PKWY, SUITE 300 FRISCO, TX 75034 jack.phipps@nexius.com
STRUCTURE OWNER:	DEPARTMENT OF UTILITIES



Know what's below.
Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN OKLAHOMA, CONTACT CALL OKIE
TOLL FREE: 1-800-522-6543 OR
www.callokie.com

OKLAHOMA STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE



APPLICABLE CODES
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH CURRENT EDITIONS OF THE FOLLOWING APPLICABLE CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. 2018 INTERNATIONAL BUILDING CODE 2020 NATIONAL ELECTRIC CODE THESE DRAWINGS ARE DESIGNED TO THE LATEST CODES. THEY ALSO MEET THE ADOPTED CODE REQUIREMENTS OF THE JURISDICTION.

SHEET INDEX	
SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
C-1	SITE PHOTOS
C-2	DETAILED SITE PLAN
C-3	SHELTER SITE PLAN
C-4	TOWER ELEVATIONS
RF-1	RF SCHEDULE
RF-2	ANTENNA SECTOR PLANS
EQ-1	EQUIPMENT DETAILS
GN-1	GENERAL NOTES

SCOPE OF WORK

ALPHA, BETA, GAMMA:

- ***SAQ TO MAKE SURE 3FT HORIZONTAL SEPARATION BETWEEN CBAND AND LTE ANTENNAS AND A MINIMUM OF 12IN VERTICAL SEPARATION BETWEEN CBAND STACKED ANTENNAS IS MAINTAINED***
- REMOVE 1X SBNHH-1D65C ANTENNA FROM POS4.
- REMOVE 1X EXISTING RRUS-11 B12 FROM POS4. REMOVE 1X EXISTING RRUS-12 B5 FROM POS2.
- ADD 1X NEW TPA65R-BU8DA-K ON POS4.
- ADD 1X NEW RRUS-4449 B5/B12 (LTE 700, LTE 850) ON POS4 MOUNTED ON A NEW DUAL BRACKET. CONNECT PORTS TO ANTENNA ON POS4.
- REMOUNT 1X EXISTING RRUS-32 B30 BACK TO BACK WITH RRUS-4449. CONNECT PORTS TO ANTENNA ON POS4.
- ADD 1X NEW AIR6449 N77D AND 1X NEW AIR6419 N77G ON POS3 MOUNTED ABOVE EACH OTHER STACKED.

POWER:

- REMOVE UMTS TECHNOLOGY. WE CAN REMOVE 6X COAX MAIN LINES IF ATT AGREES.
- REMOVE ALL FC12S, DC2S, SQUIDS, TRUNKS.
- ADD 1X NEW DC9-48-60-24-PC16-EV, ADD 3X NEW 6AWG6 DC TRUNKS @ 150' EACH, AND ADD 1X NEW 24 PAIR FIBER TRUNKS @ 50 (PER SECTOR)
- EXISTING NETSURE 7100-48V DC POWER PLANT.

ANY DEVIATION THAT DIFFERS SUBSTANTIALLY FROM WHAT IS SHOWN ON THE CONSTRUCTION DRAWINGS MUST BE APPROVED BY THE ENGINEER OF RECORD. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK CAN BE MADE DURING CONSTRUCTION WITHOUT ISSUING A CHANGE ORDER.

PREPARED BY: 9.b.a



NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL 10/31/22 DATE SIGN 06/24/25
NEXIUS SOLUTIONS, INC. OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

FOR CONSTRUCTION

SUBMITTALS

REV	DATE	DESCRIPTION	BY
A	01/18/22	CD FOR REVIEW	WF
0	06/24/22	FINAL CD	WF

SITE INFORMATION:

SITE NAME: CASADY SQUARE
SITE NUMBER: OKL01652
SITE ADDRESS: 1849 EAST WESTMINSTER PLACE
OKLAHOMA CITY, OK 73120
SITE COORDINATES: 35.558642° / -97.558022°

SHEET TITLE: TITLE SHEET

SHEET NUMBER: T-1

nexus

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T
Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL
10/31/22
DATE SIGN
06/24/23
NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

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0	06/24/22	FINAL CD	WF

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SITE NAME:
CASADY SQUARE

SITE NUMBER:
OKL01652

SITE ADDRESS:
1849 EAST WESTMINSTER PLACE
OKLAHOMA CITY, OK 73120

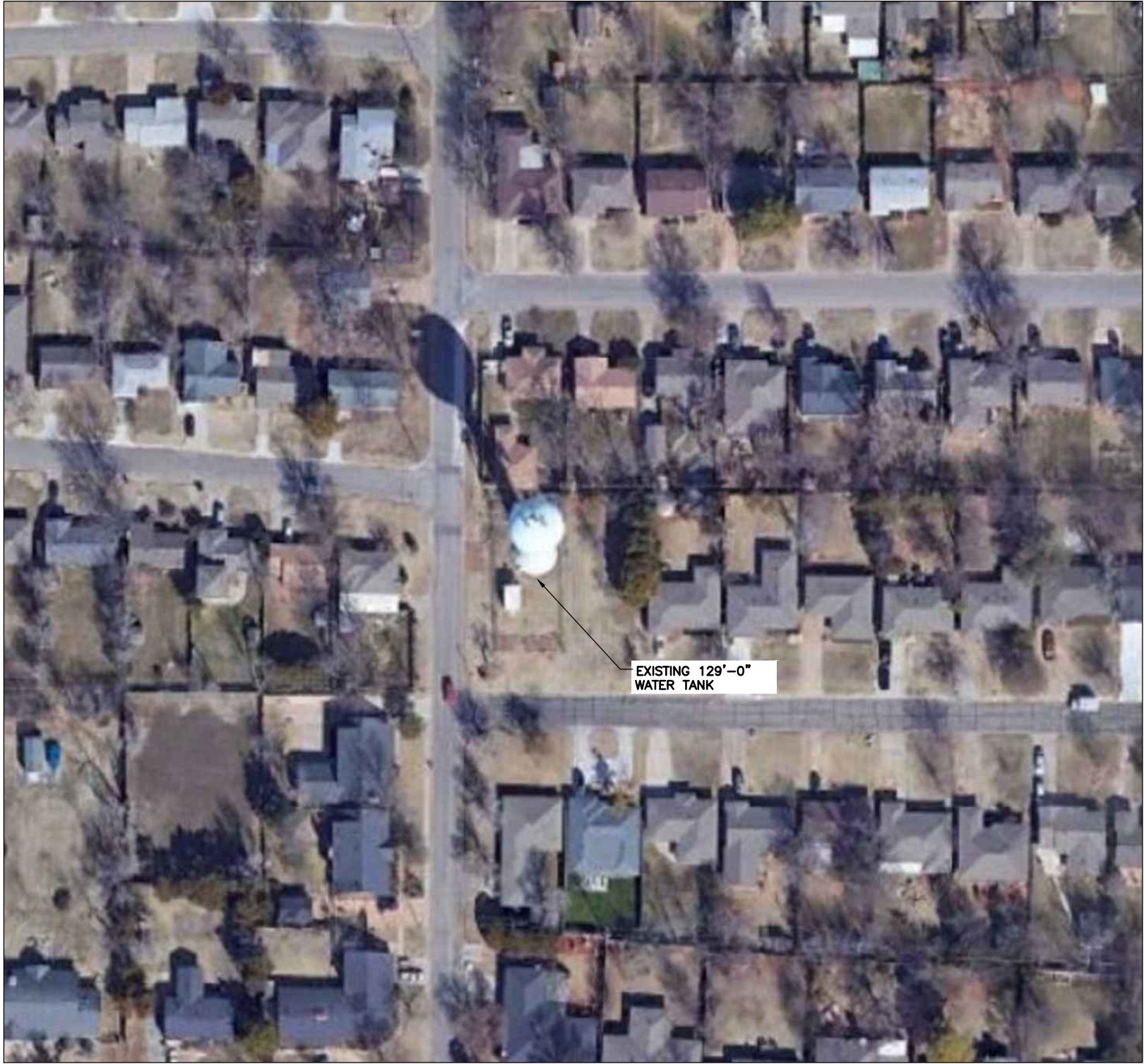
SITE COORDINATES:
35.558642' / -97.558022'

SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

C-1

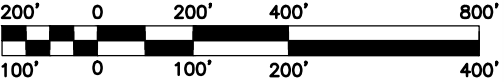


1

OVERALL SITE PLAN
SCALE: 1:100



11"x17" SCALE: 1" = 200'-0"
22"x34" SCALE: 1" = 100'-0"





2

STRUCTURE PHOTO

NOTE:
THIS PLAN WAS CREATED BASED ON INFORMATION GATHERED FROM PREVIOUS DRAWINGS, AERIAL PHOTOGRAPHY, GIS DATA, AND/OR ASSESSORS MAPS PROVIDED BY LOCAL SOURCES. THIS PLAN IS IN NO WAY INTENDED TO BE USED AS A BOUNDARY SURVEY.

n e x i u s

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T
Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL
10/31/22

NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

DATE SIGN
06/24/23

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

FOR CONSTRUCTION

SUBMITTALS

REV	DATE	DESCRIPTION	BY
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0	06/24/22	FINAL CD	WF

SITE INFORMATION:

SITE NAME:
CASADY SQUARE

SITE NUMBER:
OKL01652

SITE ADDRESS:
1849 EAST WESTMINSTER PLACE
OKLAHOMA CITY, OK 73120

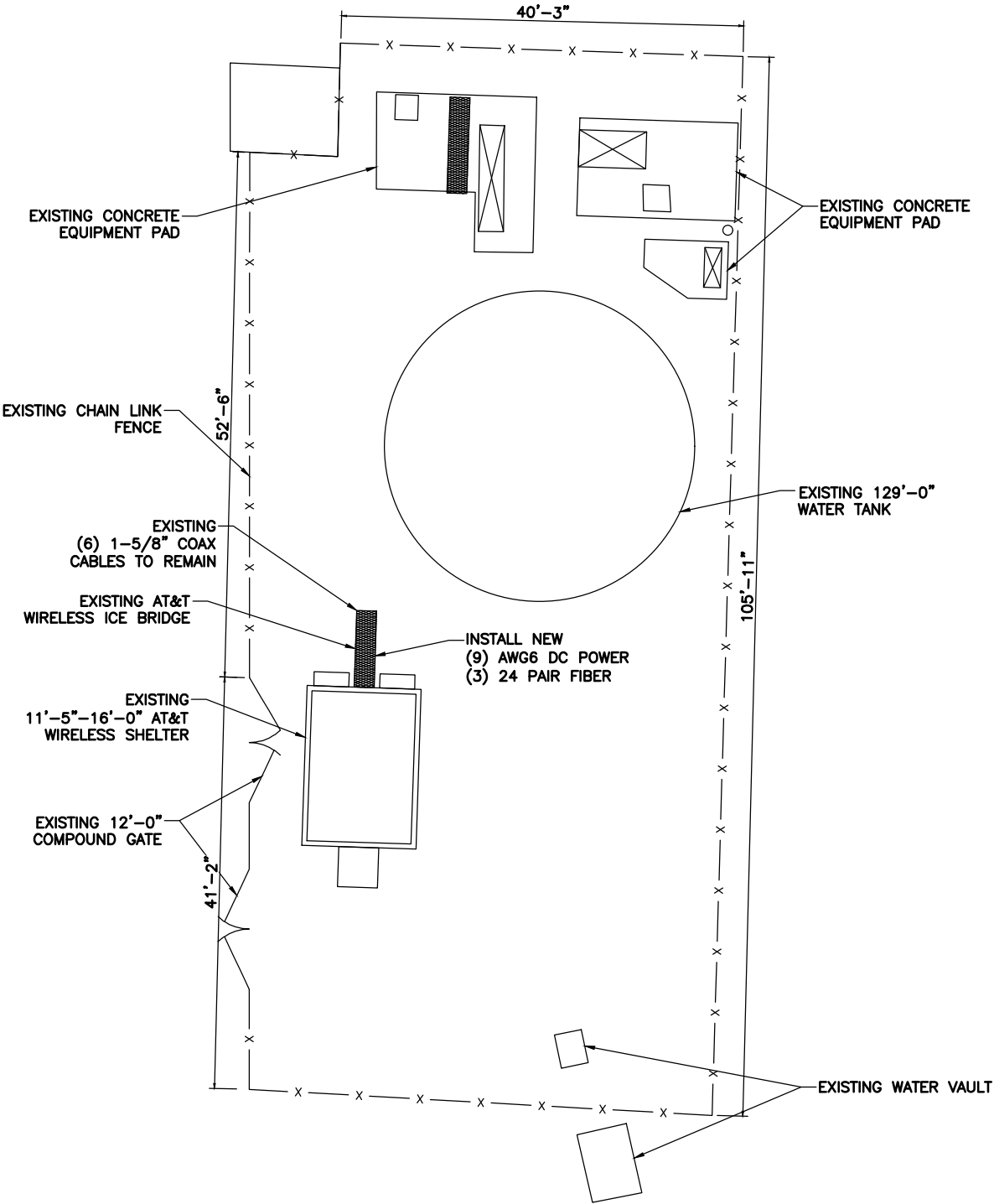
SITE COORDINATES:
35.558642' / -97.558022'

SHEET TITLE:

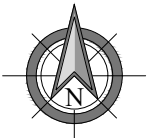
DETAILED SITE PLAN

SHEET NUMBER:

C-2



1 DETAILED SITE PLAN
SCALE: 1/8" = 1'-0"



11"x17" SCALE: 1/16" = 1'-0"
22"x34" SCALE: 1/8" = 1'-0"

0 8' 16' 32'

0 4' 8' 16'

nexus

NEXIUS SOLUTIONS, INC.

2595 NORTH DALLAS PARKWAY

SUITE 300

FRISCO, TX 75034

CLIENT:



AT&T

Mobility

1700 CANTRELL ROAD,

LITTLE ROCK, AR 72223

LICENSED PROFESSIONAL ENGINEER

JACK T. PHIPPS

11626

OKLAHOMA

PE RENEWAL

10/31/22

DATE SIGN

06/24/23

NEXIUS SOLUTIONS, INC.

OKLAHOMA FIRM NUMBER 7540

RENEWAL DATE 06/30/23

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

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SUBMITTALS

REV	DATE	DESCRIPTION	BY
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0	06/24/22	FINAL CD	WF

SITE INFORMATION:

SITE NAME:

CASADY SQUARE

SITE NUMBER:

OKL01652

SITE ADDRESS:

1849 EAST WESTMINSTER PLACE

OKLAHOMA CITY, OK 73120

SITE COORDINATES:

35.558642° / -97.558022°

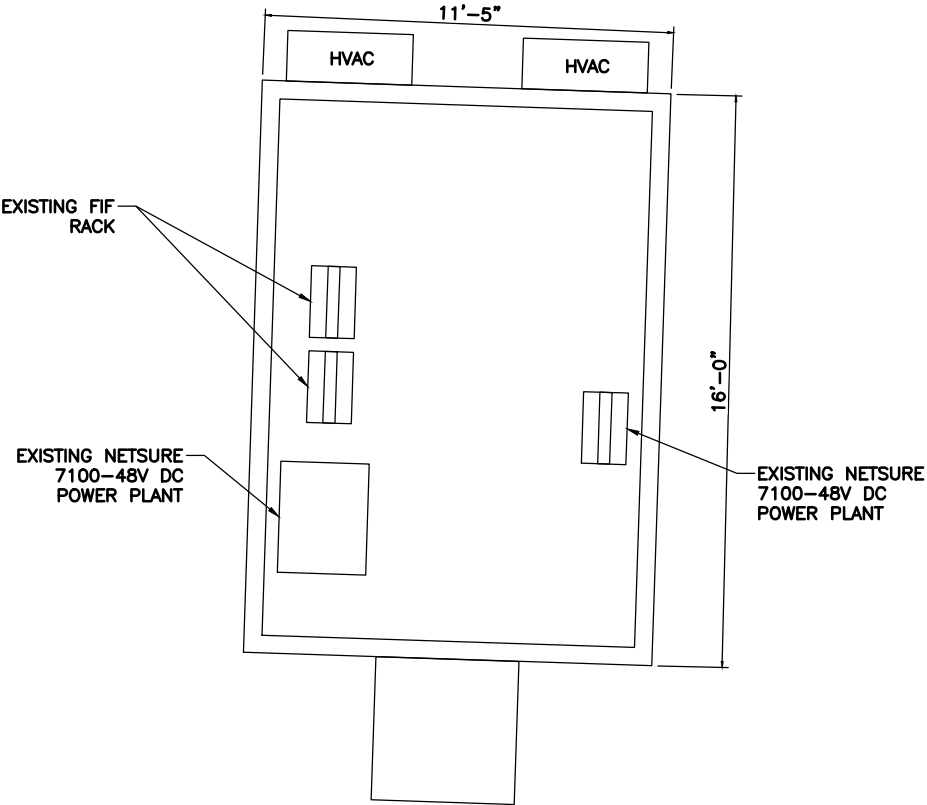
SHEET TITLE:

SHELTER SITE PLAN

SHEET NUMBER:

C-3

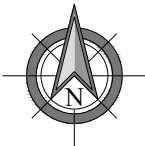
RRH BREAKER SCHEDULE					
RRH MANUFACTURER	RRH MODEL	BREAKER SIZE	DC POWER CONSUMPTION	BREAKER AT&T ITEM#	BREAKER QUANTITY
				VERTIV/EMERSON	
				WHITE HANDLE	
ERICSSON	4449 B5/B12	25 AMP	1,440 W	NEQ.00710	6
ERICSSON	AIR 6449 N77D	50 AMP	1,280 W	NEQ.00710	3
ERICSSON	AIR 6419 N77G	25 AMP	1,280 W	NEQ.00710	3



1

SHELTER SITE PLAN

SCALE: 3/8" = 1'-0"



11"x17" SCALE: 3/16" = 1'-0"

22"x34" SCALE: 3/8" = 1'-0"

0 2'-8" 5'-4" 10'-8"

0 1'-4" 2'-8" 5'-4"

TOP OF WATER TANK
ELEV: 129'-0" A.G.L.

TOP OF WATER TANK
ELEV: 129'-0" A.G.L.

NOTE:

MAINTAIN A MINIMUM OF 3 FEET SEPARATION BETWEEN ALL ANTENNAS. IF 3 FEET IS NOT OBTAINABLE BETWEEN ANY OF THE ANTENNAS, NOTIFY VELEX CM FOR FURTHER DIRECTION.

NOTE:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, PRIOR TO THE ONSET OF CONSTRUCTION, THAT THE SUPPORTING STRUCTURE(S) AND MOUNTING SYSTEM(S) HAVE BEEN DEEMED STRUCTURALLY ADEQUATE BY A LICENSED PROFESSIONAL ENGINEER TO SUPPORT THE EXISTING AND PROPOSED EQUIPMENT AND ASSOCIATED CONSTRUCTION LOADS, INCLUDING BUT NOT LIMITED TO THOSE DEPICTED, HEREIN. THE CONTRACTOR SHALL ASSUME THE FULL-LIABILITY AND RISK ASSOCIATED WITH THE INSTALLATION OF THE PROPOSED EQUIPMENT AND/OR APPURTENANCES IF PERFORMED WITHOUT SAID PASSING STRUCTURAL ANALYSIS OR EVALUATION. IF THE RESULT OF THE ANALYSIS REQUIRES THE STRUCTURE BE STRENGTHENED OR MODIFIED; SUCH MODIFICATIONS SHALL BE PROPERLY INSTALLED AND COMPLETED PRIOR TO THE ONSET OF CONSTRUCTION.

INSTALL NEW ANTENNA MODEL# AIR6449 N77D AND AIR6419 N77G ON POSITIONS 3, 7 AND 11 MOUNTED ABOVE EACH OTHER STACKED (TYP. OF 2 PER SECTOR, TOTAL OF 6)

INSTALL NEW RRUS-4449 B5/B12 ON NEW RR-FA2 BRACKET ON V-ARM AND CONNECTED TO ANTENNAS ON POSITIONS 4, 8 AND 12 (TYP. OF 1 PER SECTOR, TOTAL OF 3)

EXISTING RRUS-32 B30 RELOCATED TO NEW RR-FA2 BRACKET ON V-ARM AND CONNECTED TO ANTENNAS ON POSITIONS 4, 8 AND 12 (TYP. OF 1 PER SECTOR, TOTAL OF 3)

INSTALL NEW ANTENNA MODEL# TPA65R-BU8D ON POSITIONS 4, 8 AND 12 (TYP. OF 1 PER SECTOR, TOTAL OF 3)

C.L. OF EXISTING AT&T ANTENNAS
ELEV: 70'-0" A.G.L.

NOTE:

THE CLIMBING ACCESS, SAFETY CLIMB, CLIMBING LADDER, STEP RUNGS ETC. OR ANY PARTS THEREOF SHALL NOT BE IMPEDED, MODIFIED OR ALTERED IN ANYWAY.

NOTE:

ALL AZIMUTHS ARE TRUE NORTH. IF A MAGNETIC COMPASS IS USED MAGNETIC DECLINATION MUST BE TAKEN INTO ACCOUNT WHEN ALIGNING ANTENNAS AND ANTENNA MOUNTS.

NOTE:

PRIOR TO INSTALLATION OF ANY EQUIPMENT, ALL MODIFICATIONS AND RECOMMENDATIONS AS PER B+T GROUP MOUNT ANALYSIS DATED 05/04/2022 ARE TO BE PROPERLY INSTALLED. REFER TO MOUNT ANALYSIS FOR DETAILS

INSTALL NEW
(9) AWG6 DC POWER
(3) 24 PAIR FIBER

EXISTING 129'-0"
WATER TANK

EXISTING GRADE
ELEV: 0'-0" A.G.L.

EXISTING GRADE
ELEV: 0'-0" A.G.L.

1 TOWER ELEVATION (EXISTING)
SCALE: 3/16" = 1'-0"

11"x17" SCALE: 3/32" = 1'-0"
22"x34" SCALE: 3/16" = 1'-0"

2 TOWER ELEVATION (PROPOSED)
SCALE: 3/16" = 1'-0"

11"x17" SCALE: 3/32" = 1'-0"
22"x34" SCALE: 3/16" = 1'-0"

9.b.a

nexius

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T
Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL 10/31/22
DATE SIGN 06/24/22
NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

FOR CONSTRUCTION

SUBMITTALS

REV	DATE	DESCRIPTION	BY
A	01/18/22	CD FOR REVIEW	WF
0	06/24/22	FINAL CD	WF

SITE INFORMATION:

SITE NAME:
CASADY SQUARE

SITE NUMBER:
OKL01652

SITE ADDRESS:
1849 EAST WESTMINSTER PLACE
OKLAHOMA CITY, OK 73120

SITE COORDINATES:
35.558642' / -97.558022'

SHEET TITLE:

TOWER ELEVATIONS

SHEET NUMBER:

C-4

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)

nexus

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223

LICENSED PROFESSIONAL ENGINEER

JACK T. PHIPPS

11626

OKLAHOMA

PE RENEWAL 10/31/22
DATE SIGN 06/24/22
NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

THE DESIGN SHOWN ON THESE DRAWINGS IS BASED ON INFORMATION GATHERED FROM AT&T RFDS AT&T RFDS V2021_1.00 DATED 10/26/2021.

EXISTING																	
SECTOR	ANTENNA TECHNOLOGY	ANTENNA POSITION	MODEL	RAD CENTER (AGL)	AZIMUTH	COAX CABLES	OTHER CABLES	TMA'S	TOWER DIPLEXERS	RRU'S	OTHER DEVICES						
ALPHA	LTE-700 / UMTS-850 / 1900 / AWS	#1	(2) 80010799	70'-0"	30°	(6) 1-5/8" COAX	N/A	N/A	N/A	(1) 4478 B14 (1) RRUS-12 B5 (1) RRUS-32 B2 (2) RRUS-32 B66A	(3) FC12-PC6-10E						
	N/A	#2	N/A					N/A	N/A								
	N/A	#3	N/A					N/A	N/A								
	LTE-700 / WCS	#4	(1) SBNHH-1D65C					N/A	N/A	(1) RRUS-11 B12 (1) RRUS-32 B30							
BETA	LTE-700 / UMTS-850 / 1900 / AWS	#5	(2) 80010799	70'-0"	150°			(6) 1-5/8" COAX	N/A	N/A		N/A	(1) 4478 B14 (1) RRUS-12 B5 (1) RRUS-32 B2 (2) RRUS-32 B66A	(3) FC12-PC6-10E			
	N/A	#6	N/A							N/A		N/A					
	N/A	#7	N/A							N/A		N/A					
	LTE-700 / WCS	#8	(1) SBNHH-1D65C							N/A		N/A	(1) RRUS-11 B12 (1) RRUS-32 B30				
GAMMA	LTE-700 / UMTS-850 / 1900 / AWS	#9	(2) 80010799	70'-0"	260°					(6) 1-5/8" COAX		N/A	N/A		N/A	(1) 4478 B14 (1) RRUS-12 B5 (1) RRUS-32 B2 (2) RRUS-32 B66A	(3) FC12-PC6-10E
	N/A	#10	N/A										N/A		N/A		
	N/A	#11	N/A										N/A		N/A		
	LTE-700 / WCS	#12	(1) SBNHH-1D65C										N/A		N/A	(1) RRUS-11 B12 (1) RRUS-32 B30	
PROPOSED																	
SECTOR	ANTENNA TECHNOLOGY	ANTENNA POSITION	MODEL	RAD CENTER (AGL)	AZIMUTH	COAX CABLES	OTHER CABLES				TMA'S		TOWER DIPLEXERS		RRU'S	OTHER DEVICES	
ALPHA	LTE-700 / 5G-1900 / AWS	#1	(2) 80010799	70'-0"	30°	(6) 1-5/8" COAX (CAN BE REMOVED IF ATT APPROVES)	(9) AWG6 DC POWER (3) 24 PAIR FIBER				N/A		N/A		(1) 4478 B14 (1) RRUS-32 B2 (2) RRUS-32 B66A	(3) DC9-48-60-24-PC16-EV	
	N/A	#2	N/A								N/A		N/A				
	5G-CBAND	#3	(1) AIR6449 N77D (1) AIR6419 N77G								N/A		N/A		N/A		
	LTE-700 / 5G-850 / WCS	#4	(1) TPA65R-BU8D					N/A	N/A		(1) 4449 B5/B12 (1) RRUS-32 B30						
BETA	LTE-700 / 5G-1900 / AWS	#5	(2) 80010799	70'-0"	150°			(6) 1-5/8" COAX (CAN BE REMOVED IF ATT APPROVES)	(9) AWG6 DC POWER (3) 24 PAIR FIBER		N/A		N/A	(1) 4478 B14 (1) RRUS-32 B2 (2) RRUS-32 B66A	(3) DC9-48-60-24-PC16-EV		
	N/A	#6	N/A								N/A		N/A				
	5G-CBAND	#7	(1) AIR6449 N77D (1) AIR6419 N77G								N/A		N/A	N/A			
	LTE-700 / 5G-850 / WCS	#8	(1) TPA65R-BU8D							N/A	N/A	(1) 4449 B5/B12 (1) RRUS-32 B30					
GAMMA	LTE-700 / 5G-1900 / AWS	#9	(2) 80010799	70'-0"	260°					(6) 1-5/8" COAX (CAN BE REMOVED IF ATT APPROVES)	(9) AWG6 DC POWER (3) 24 PAIR FIBER	N/A	N/A	(1) 4478 B14 (1) RRUS-32 B2 (2) RRUS-32 B66A			(3) DC9-48-60-24-PC16-EV
	N/A	#10	N/A									N/A	N/A				
	5G-CBAND	#11	(1) AIR6449 N77D (1) AIR6419 N77G									N/A	N/A	N/A			
	LTE-700 / 5G-850 / WCS	#12	(1) TPA65R-BU8D									N/A	N/A	(1) 4449 B5/B12 (1) RRUS-32 B30			

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)

NOTES:

1. THIS PLAN WAS CREATED BASED ON INFORMATION GATHERED FROM PREVIOUS DRAWINGS, AERIAL PHOTOGRAPHY, GIS DATA AND/OR ASSESSOR MAPS. THIS PLAN IS IN NO WAY INTENDED TO BE USED AS A BOUNDARY SURVEY.
2. THE CLIMBING ACCESS, SAFETY CLIMB, CLIMBING LADDER, STEP RUNGS ETC. OR ANY PARTS THEREOF SHALL NOT BE IMPEDED, MODIFIED OR ALTERED IN ANYWAY.

NOTE:

MAINTAIN A MINIMUM OF 3 FEET SEPARATION BETWEEN ALL ANTENNAS. IF 3 FEET IS NOT OBTAINABLE BETWEEN ANY OF THE ANTENNAS, NOTIFY VELEX CM FOR FURTHER DIRECTION.

NOTE:

PRIOR TO INSTALLATION OF ANY EQUIPMENT, ALL MODIFICATIONS AND RECOMMENDATIONS AS PER B+T GROUP MOUNT ANALYSIS DATED 05/04/2022 ARE TO BE PROPERLY INSTALLED. REFER TO MOUNT ANALYSIS FOR DETAILS

nexus

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T

Mobility

1700 CANTRELL ROAD,
LITTLE ROCK, AR 72223



PE RENEWAL 10/31/22
DATE SIGN 06/24/22
NEXIUS SOLUTIONS, INC.
OKLAHOMA FIRM NUMBER 7540
RENEWAL DATE 06/30/23

NEXIUS SOLUTIONS, INC. IS REGISTERED IN OK

FOR CONSTRUCTION

SUBMITTALS

REV	DATE	DESCRIPTION	BY
A	01/18/22	CD FOR REVIEW	WF
0	06/24/22	FINAL CD	WF

SITE INFORMATION:

SITE NAME:
CASADY SQUARE
SITE NUMBER:
OKL01652

SITE ADDRESS:
1849 EAST WESTMINSTER PLACE
OKLAHOMA CITY, OK 73120

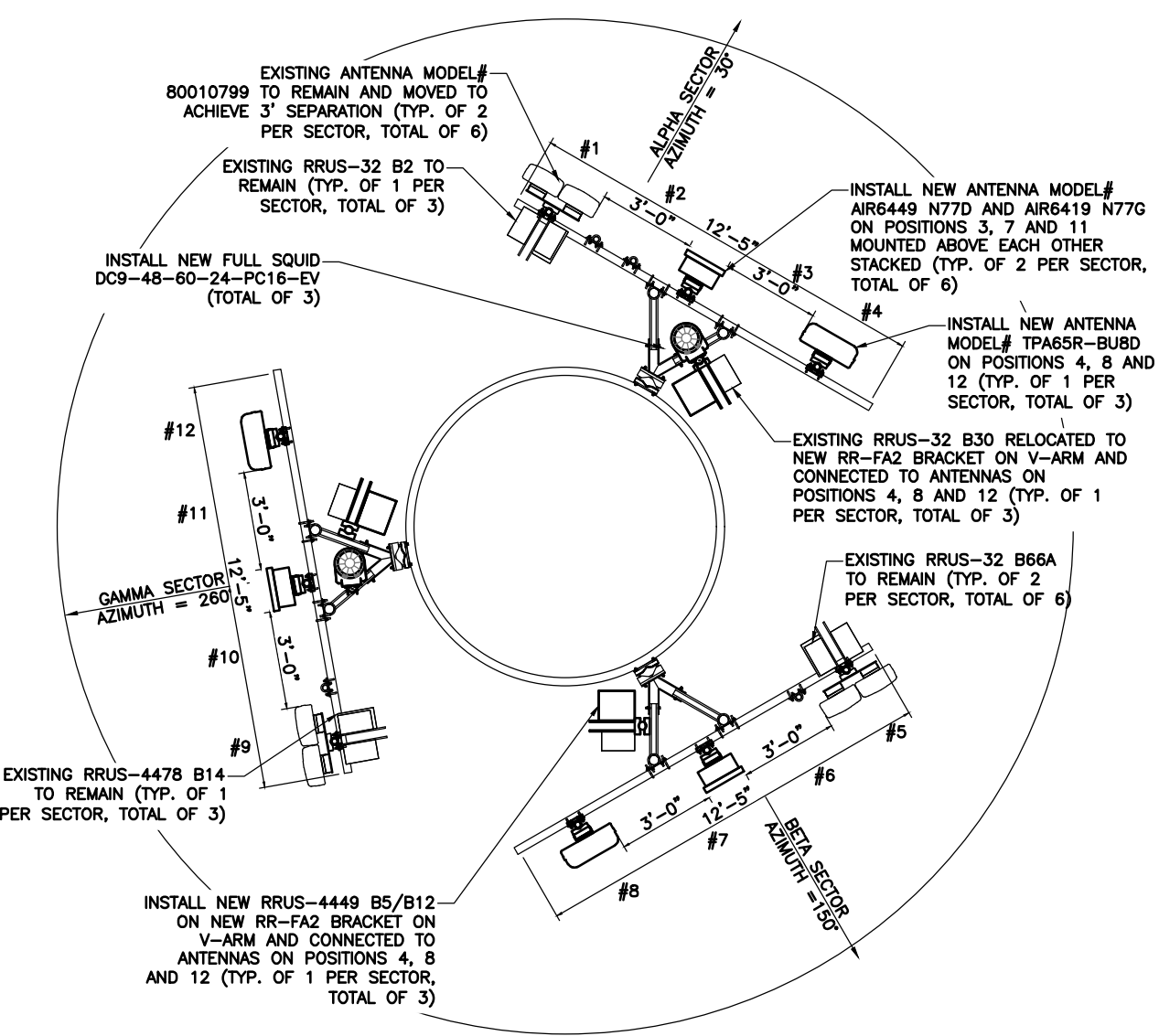
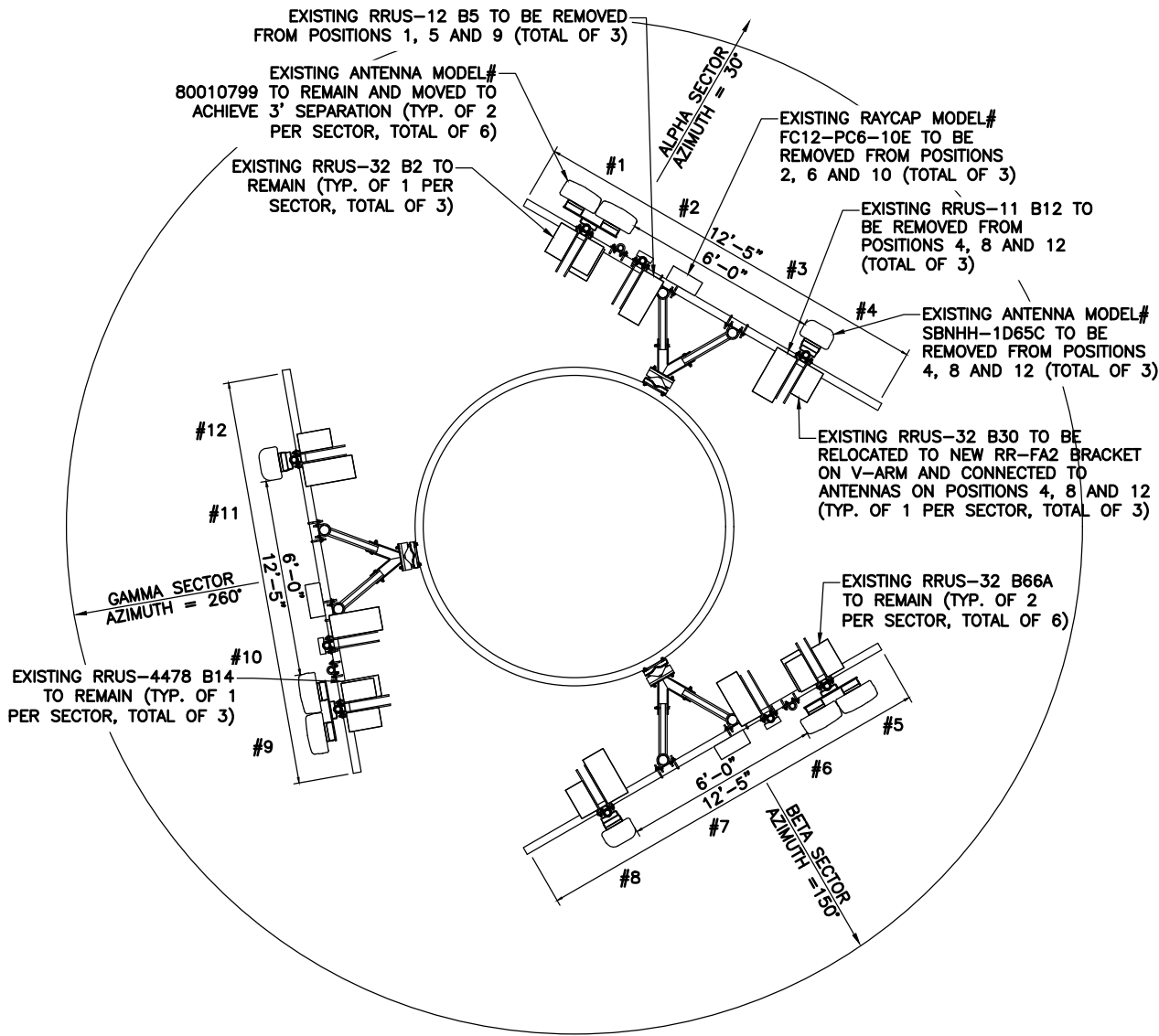
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35.558642' / -97.558022'

SHEET TITLE:

ANTENNA SECTOR PLAN

SHEET NUMBER:

RF-2

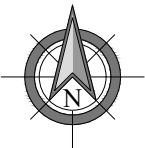


1 ANTENNA PLAN (EXISTING)
SCALE: 3/8" = 1'-0"

11"x17" SCALE: 3/16" = 1'-0"
22"x34" SCALE: 3/8" = 1'-0"
0 2'-8" 5'-4" 10'-8"
0 1'-4" 2'-8" 5'-4"

2 ANTENNA PLAN (PROPOSED)
SCALE: 3/8" = 1'-0"

11"x17" SCALE: 3/16" = 1'-0"
22"x34" SCALE: 3/8" = 1'-0"
0 2'-8" 5'-4" 10'-8"
0 1'-4" 2'-8" 5'-4"



PREPARED BY:

n e x i u s

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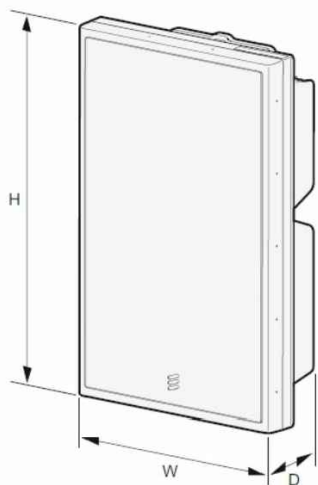
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35.558642' / -97.558022'

SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:

EQ-1



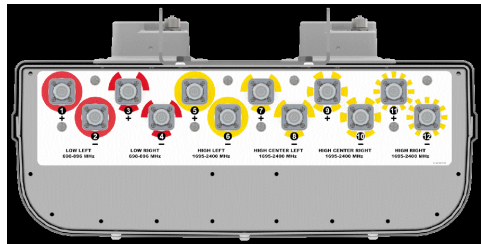
ERICSSON AIR6449	
DIMENSIONS (HxWxD)	32.24"x15.9"x8.1"
WEIGHT	73.6 lbs.

① ERICSSON – AIR6449 N77D
N.T.S.



ERICSSON AIR6419	
DIMENSIONS (HxWxD)	32.24"x15.9"x8.1"
WEIGHT	73.6 lbs.

② ERICSSON – AIR6419 N77G
N.T.S.



TPA-65R-BU8DA-K	
DIMENSIONS (HxWxD)	96.0"x21.0"x7.8"
WEIGHT	87.5 lbs.

③ TPA-65R-BU8DA-K
N.T.S.



RAYCAP DC9-48-60-24-8C-EV	
DIMENSIONS (HxØ)	31.4"x10.24"
WEIGHT	26.2 lbs.

④ RAYCAP – DC9-48-60-24-8C-EV
N.T.S.



ERICSSON RRUS-4449 B5 / B12	
DIMENSIONS (HxWxD)	17.9"x13.2"x9.44"
WEIGHT	71 lbs.

⑤ ERICSSON – RRUS-4449 B5/B12
N.T.S.



RRU BRACKET RR-FA2	
DIMENSIONS (HxWxD)	22.7"x8.6"x5.5/8"
WEIGHT	40.8 lbs.
ITEM NUMBER	CEQ.14936

⑥ RRU BRACKET
RR-FA2
N.T.S.

GENERAL CONSTRUCTION

1. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
2. GENERAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK. GENERAL CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, ORDINANCES, AND ISSUE ALL APPROPRIATE NOTICES.
4. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
5. PLANS ARE NOT TO BE SCALED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
7. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE ENGINEER PRIOR TO PROCEEDING.
8. CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.
10. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
11. WORK SHALL BE DONE IN A PROFESSIONAL MANNER BY COMPETENT EXPERIENCED PERSONNEL IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE.
12. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. CONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
13. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
14. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
15. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
16. GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND CONTRACTORS TO THE SITE AND/OR BUILDING.
17. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
18. CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF CONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
19. THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
20. THE GENERAL CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A TO 2-A:10-B:C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
21. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, COMMUNICATIONS, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO: FALL PROTECTION, CONFINED SPACE, ELECTRICAL SAFETY, AND TRENCHING / EXCAVATION.
22. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.

23. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
24. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK SHALL BE GRADED TO A UNIFORM SLOPE AND STABILIZED TO PREVENT EROSION.
25. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUNDING. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
26. THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE.
27. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE-APPROVED BY THE LOCAL JURISDICTION.
28. ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
29. ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.
30. CONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
31. NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE PROPOSED.
32. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST GROUNDING STANDARD.
33. CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
34. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER.
35. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
36. ALL CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

ANTENNA MOUNTING

1. DESIGN AND CONSTRUCTION OF ANTENNA SUPPORTS SHALL CONFORM TO CURRENT ANSI/TIA-222 OR APPLICABLE LOCAL CODES.
2. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS NOTED OTHERWISE.
3. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS NOTED OTHERWISE.
4. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
5. ALL ANTENNA MOUNTS SHALL BE INSTALLED WITH LOCK NUTS, DOUBLE NUTS AND SHALL BE TORQUED TO MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL INSTALL ANTENNA PER MANUFACTURER'S RECOMMENDATION FOR INSTALLATION AND GROUNDING.
7. PRIOR TO SETTING ANTENNA AZIMUTHS AND DOWNTILTS, ANTENNA CONTRACTOR SHALL CHECK THE ANTENNA MOUNT FOR TIGHTNESS AND ENSURE THAT THEY ARE PLUMB. ANTENNA AZIMUTHS SHALL BE SET FROM TRUE NORTH AND BE ORIENTED WITHIN +/- 5% AS DEFINED BY THE RFDS. ANTENNA DOWNTILTS SHALL BE WITHIN +/- 0.5% AS DEFINED BY THE RFDS. REFER TO ND-00246.
8. MAINTAIN A MINIMUM OF 3 FEET SEPARATION BETWEEN ALL ANTENNAS. IF 3 FEET IS NOT OBTAINABLE BETWEEN ANY OF THE ANTENNAS, NOTIFY VELEX CM FOR FURTHER DIRECTION.

TORQUE REQUIREMENTS

1. ALL RF CONNECTIONS SHALL BE TIGHTENED WITH A TORQUE WRENCH AND A TORQUE MARK INDICATED ON BOTH SIDES OF THE CONNECTION.
2. ALL GROUNDING AND ANTENNA HARDWARE SHALL ALL BE TIGHTENED WITH A TORQUE WRENCH AND A TORQUE MARK INDICATED ON THE NUT SIDE STARTING FROM THE THREADS TO THE SOLID SURFACE. TORQUE TO THE FOLLOWING VALUES:

2.1. ALL 5/16" ANTENNA HARDWARE TIGHTENED TO 9 FT-LBS.

2.2. ALL 1/2" ANTENNA HARDWARE TIGHTENED TO 43 FT-LBS.

2.3. ALL DIN-TYPE CONNECTIONS TIGHTENED TO 18-22 FT-LBS.

2.4. ALL N-TYPE CONNECTIONS TIGHTENED TO 15-20 IN-LBS.

COAXIAL CABLE NOTES

1. TYPES AND SIZES OF THE ANTENNA CABLE ARE BASED ON ESTIMATED LENGTHS. PRIOR TO ORDERING CABLE, CONTRACTOR SHALL VERIFY ACTUAL LENGTH BASED ON

- CONSTRUCTION LAYOUT AND NOTIFY THE PROJECT MANAGER IF ACTUAL LENGTHS EXCEED ESTIMATED LENGTHS.
2. CONTRACTOR SHALL VERIFY THE DOWNTILTS OF EACH ANTENNA WITH A DIGITAL LEVEL.
3. CONTRACTOR SHALL CONFIRM COAX COLOR CODING PRIOR TO CONSTRUCTION. REFER TO "ANTENNA SYSTEM LABELING STANDARD" ND-00027 LATEST VERSION.
4. USE 1/2" COAX ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
5. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.
6. ALL COAXIAL CABLE SHALL BE SECURED TO THE DESIGNED SUPPORT STRUCTURE, IN AN APPROVED MANNER, AT DISTANCES NOT TO EXCEED 4'-0".
7. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS REGARDING BOTH THE INSTALLATION AND GROUNDING OF ALL COAXIAL CABLES, CONNECTORS, ANTENNAS, AND ALL OTHER EQUIPMENT.
8. ALL OUTDOOR RF CONNECTIONS SHALL BE WEATHERPROOFED USING COLD SHRINK OR HEAT SHRINK ON ALL ANTENNA AND RADIO CONNECTIONS,

GENERAL CABLE AND EQUIPMENT NOTES

1. PRIOR TO INSTALLATION CONTRACTOR SHALL VERIFY MAKE AND MODEL OF ANTENNA, DIPLEXERS, AND COAX CONFIGURATION.
2. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC. SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. CONTRACTOR SHALL REFERENCE THE STRUCTURAL ANALYSIS/DESIGN DRAWINGS FOR DIRECTIONS ON CABLE DISTRIBUTION/ROUTING.
4. IF REQUIRED TO PAINT ANTENNAS AND/OR COAX:

4.1. TEMPERATURE SHALL BE ABOVE 50° F.

4.2. PAINT COLOR MUST BE APPROVED BY BUILDING OWNER/LANDLORD.

4.3. FOR REGULATED TOWERS, FAA/FCC APPROVED PAINT IS REQUIRED.

4.4. DO NOT PAINT OVER COLOR CODING OR ON EQUIPMENT MODEL NUMBERS.
5. ALL PROPOSED GROUND BAR DOWNLEADS ARE TO BE TERMINATED TO THE EXISTING ADJACENT GROUND BAR DOWNLEADS A MINIMUM DISTANCE OF 4'-0" BELOW GROUND BAR. TERMINATIONS MAY BE EXOTHERMIC OR COMPRESSION.
6. NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2".

PREPARED BY:

9.b.a

nexius

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:



AT&T

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SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-1

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



June 23, 2022

Hazel Mauro
Nexus Solutions, INC
1025 South Beltline Rd.,
Coppell, TX 75019
(913) 710-3999

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
towersupport@btgrp.com

Subject: **Water Tower Structural Letter**

Carrier Designation: **Site Number:** OKL01652
Site Name: Casady Square

Engineering Firm Designation: **B+T Group Project Number:** 160864.003.01

Site Data: **1849 East Westminster Place, Oklahoma City, OK, 73120, Oklahoma County**
Latitude 35.55864°, Longitude -97.55802°
Water Tank
(3) 12.5 ft. Sector Mount

Dear Hazel Mauro,

B+T Group is pleased to submit this “**Structural Letter**” to determine the structural integrity of the above-mentioned water tower supported telecommunications site.

The purpose of the assessment is to determine acceptability of the water tower to sufficiently support the telecommunications equipment presented in this report. Based on our professional opinion we have determined the suitability for the structure, under the following load case, to be:

Existing + Proposed Equipment

Sufficient Capacity

Note: See Table 1 for the proposed and existing loading.

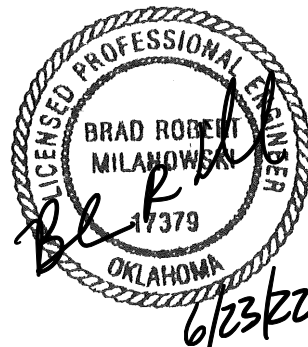
The assessment has been performed in accordance with the ASCE 7 standard and the 2015 International Building Code.

All equipment proposed in this report shall be installed in accordance with the drawings for the determined available structural capacity to be effective.

We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Nexus Solutions, INC. If you have any questions or need further assistance on this or any other projects, please give us a call.

Structural Letter prepared by: Joseph Variamparampil

Respectfully submitted by: B&T Engineering, Inc.
COA: CA 3590 (PE) Expires: 06/30/2022



Brad R. Milanowski, P.E.

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1) INTRODUCTION

The proposed telecommunications equipment will be located on sector mounts at 70 ft., attached to water tank at 1849 East Westminster Place, Oklahoma City, OK, 73120, Oklahoma County. There are existing telecommunications antennas mounted on the water tower. The proposed antenna loading information was obtained from Nexius Solutions, INC. All information provided to B+T Group was assumed accurate and complete.

2) ASSESSMENT CRITERIA

The structural assessment was performed for this structure in accordance with the 2015 International Building Code and the ASCE 7 Design Standard. The TIA-222-H apply to telecommunications towers. Although telecommunications equipment is present, this structure is primarily a water tower and is more appropriately assessed with the ASCE 7 Standard.

Table 1 – Proposed and Existing Equipment Information

Loading	RAD Center Elev. (ft.)	Position	Qty.	Manufacturer	Model / Type	Note
Proposed	70	3	3	Ericsson	AIR6449 N77	1
			3	Ericsson	AIR6419 N77G	
		4	3	CCI	TPA65R-BU8D	2
			3	Ericsson	4449 B5/B12	
		-	3	Raycap	DC9-48-60-24-PC16-EV	3
Existing	70	1	6	Kathrein	80010799	4
			3	Ericsson	RRUS-32 B2	
			6	Ericsson	RRUS-32 B66A	
		-	3	Ericsson	4478 B14	
		4	3	Ericsson	RRUS-32 B30	

Note:

- (1) Proposed Antenna to be installed on the Mount Pipe.
- (2) Proposed Equipment to be installed side by side with RRUS Support, directly behind the Antenna.
- (3) Proposed Equipment to be installed on Mount
- (4) Existing Equipment installed on the Mount.

Table 2 – Documents Provided

Documents	Remarks	Reference	Source
RFDS	Existing Loading Proposed Loading	Date: 12/27/2021	Nexius
Mount Analysis Report	B+T Group	Date: 05/04/2022	Nexius

3) ASSESSMENT PROCEDURE

3.1) Assessment Method

This water tower is a substantial structure designed and fabricated to support thousands of gallons of water in addition to its own self weight. The nature and intended purpose of the structure is substantially greater than the addition of the telecommunication equipment. The proposed equipment will be installed on sector mounts at 70 ft. The mount analysis was not performed as part of the report. Seismically the additional weight of the antennas is approximately 445 lbs. The increase is negligible when compared with the overall structural demand required of the Tower. The proposed antennas will be installed on the sector mounts with pipe mounts.

3.2) Assumptions

- 1) The structure was built in accordance with the designer's specifications.
- 2) The structure has been maintained and is free of damage.
- 3) The configuration of antennas, mounts and other appurtenances are as specified in Table 1 and the referenced drawings.
- 4) All mount components have been assumed to be in sufficient condition to carry their full design capacity for the assessment.
- 5) All prior structural modifications if any are assumed to be correctly installed and fully effective.

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the antenna mounting system.

4) ASSESSMENT RESULTS

4.1) Recommendations

- 1) The proposed equipment shall be installed on the mounts in accordance with the installation drawings.

**OKL01652 / NICHOLS HILLS / 5G NR 1SR Cband
Scope of Work**

Narrative of the SOW

Alpha, Beta, Gamma:

Remove 1x SBNHH-1D65C antenna from POS4.

Remove 1x existing RRUS-11 B12 from POS4. Remove 1x existing RRUS-12 B5 from POS2.

Add 1x new TPA65R-BU8DA-K on POS4.

Add 1x new RRUS-4449 B5/B12 (LTE 700, LTE 850) on POS4 mounted on a new dual bracket. Connect ports to antenna on POS4.

Remount 1x existing RRUS-32 B30 back to back with RRUS-4449. Connect ports to antenna on POS4.

Add 1x new AIR6449 N77D and 1x new AIR6419 N77G on POS3 mounted above each other stacked.

Remove UMTS technology. We can remove 6x coax main lines if ATT agrees.

Remove all FC12s, DC2s, squids, trunks.

Add 1x new DC9-48-60-24-PC16-EV, add 3x new 6AWG6 DC Trunks @ 150' each, and add 1x new 24 pair fiber trunks @ 50 (per sector)

Equipment	Height	Width	Depth	Weight	Status	Quantity
Kathrein 80010799	106"	14.8"	6.7"	108lbs	Current, to remain	6
Commscope SBNHH-1D65C	96"	11.9"	7.1"	49.6lbs	Current, to be removed	3
4478 B14	15"	13.2"	7.3"	59.4lbs	Current, to remain	3
RRUS-32 B2	27.2"	12.1"	7.0"	53lbs	Current, to remain	3
RRUS-12 B5	20.39"	18.5"	7.36"	49.38lbs	Current, to be removed	3
RRUS-32 B66A	27.2"	12.1"	7.0"	53lbs	Current, to remain	6
RRUS-11 B12	19.68"	16.96"	7.1"	55lbs	Current, to be removed	3
RRUS-32 B30	27.2"	12.1"	7.0"	53lbs	Current, to remain	3
Ericsson AIR6449 B77D + AIR6419 B77G	72"	15.9"	8.1"	147.7lbs	Proposed	3
4449 B5/B12	17.9"	13.19"	9.44"	71lbs	Proposed	3
CCI TPA65R-BU8D	96"	21"	7.8"	82.5lbs	Proposed	3

Larry Stein Oklahoma County Assessor's Office



Ownership Radius Report

This Official Report is for Account Number R169842995 and is a 300-foot radius from the outside of the polygon. If the minimum number of different owners was not reached it was extended by 100-foot increments until the required number of different owners was reached, or the maximum distance was reached. This report does not constitute a legal survey or document, for definitive description of real property and ownership; consult the deeds recorded in the Oklahoma County Clerks Office. **Official Record of this Certified Radius Report will expire 30 days from the date of creation stamped on the back of this sheet.**

STATE OF OKLAHOMA } ss:
COUNTY OF OKLAHOMA }

I, the duly elected, qualified and acting
County Assessor, in and for the County
and State aforesaid, do hereby certify that
the within and foregoing is a full, true and
complete copy of 20ft Radius
filed in the office of the County Assessor
on the 18 day of July, 2022.
Given under my hand and official seal this
18 day of July, 2022

County Assessor

[Signature]

Deputy

Oklahoma County Assessor's
300ft Radius Report
7/18/2022

9.b.a

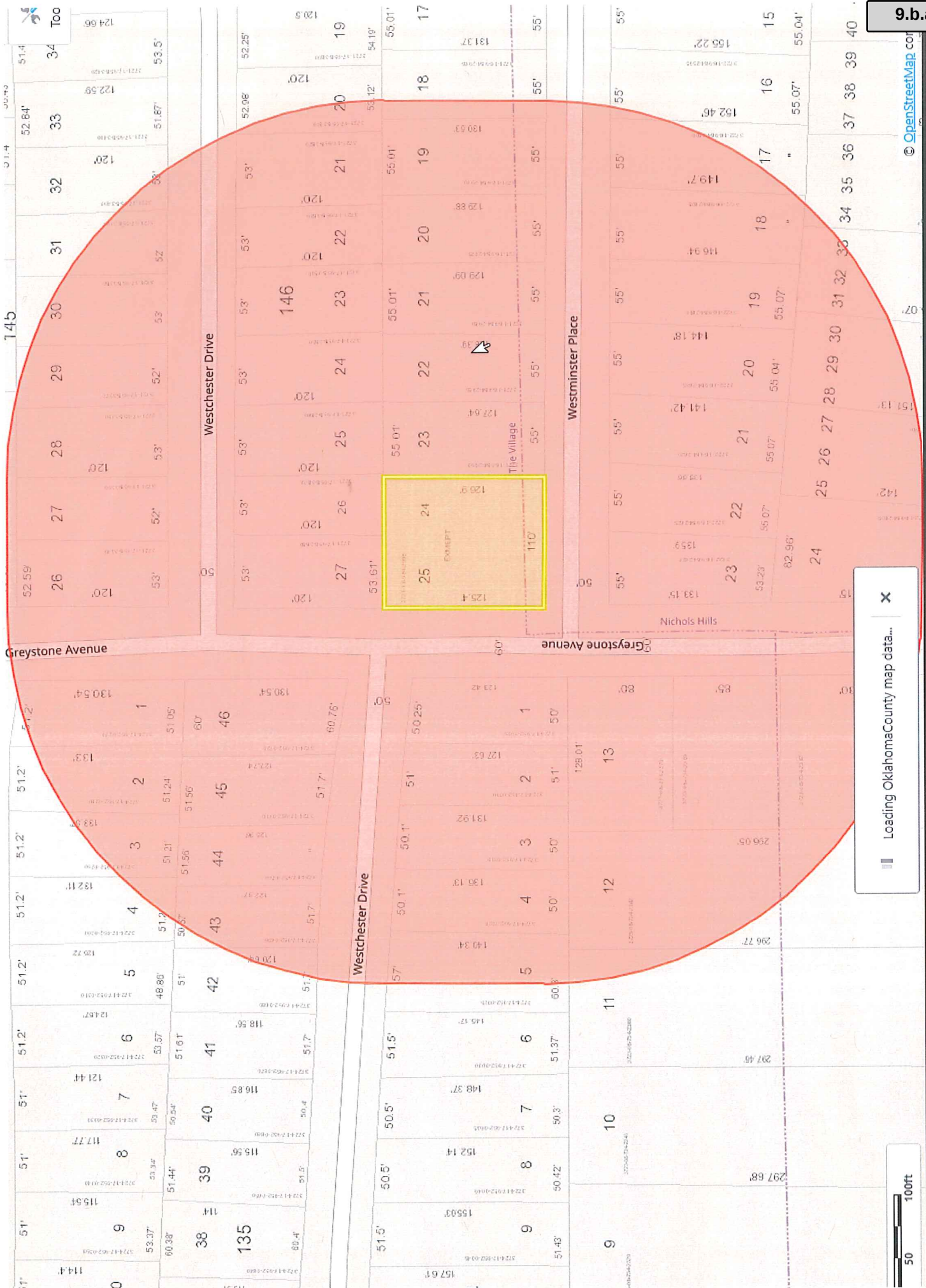
accountno	name1	name2	mailingaddress1	Shape	city	state	zipcode	subname	block	lot	legal	location
R169842680	GILBERT J DANIEL & ALYSON TRS	GILBERT J DANIEL & ALYSON L 2021 TRUST	1827 DRAKESTONE AVE		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	107	000	NICHOLS HILLS WILSHIRE 107 000 LOTS 34 35 & 36	1827 DRAKESTONE AVE NICHOLS HILLS
R169842665	HENRY JOHN A IV CO TRS & ETAL	HAGGARD NINA 2011 JAH III GST EX TRUST	1829 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-4715	NICHOLS HILLS WILSHIRE	107	000	NICHOLS HILLS WILSHIRE 107 000 LOTS 31 THRU 33	1829 DRAKESTONE AVE NICHOLS HILLS
R169842650	ANDERSON MIKE & LIESS		1424 GLENBROOK DR		OKLAHOMA CITY	OK	73118	NICHOLS HILLS WILSHIRE	107	000	NICHOLS HILLS WILSHIRE 107 000 LOTS 28 THRU 30	1831 DRAKESTONE AVE NICHOLS HILLS
R169842640	DUNAGIN FAMILY REV TRUST		1833 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-4715	NICHOLS HILLS WILSHIRE	107	000	NICHOLS HILLS WILSHIRE 107 000 LOTS 25 26 & 27	1833 DRAKESTONE AVE NICHOLS HILLS
R087342367	IKARD SAMUEL JAMES		2601 DRAKESTONE AVE		OKLAHOMA CITY	OK	73120	NICHOLS HILLS SUBURBAN TR	105	013	NICHOLS HILLS SUBURBAN TR 105 013 S130FT	2601 DRAKESTONE AVE OKLAHOMA CITY
R169842635	PARHAM CARPENTER		1835 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-4715	NICHOLS HILLS WILSHIRE	107	024	NICHOLS HILLS WILSHIRE 107 024	1835 DRAKESTONE AVE NICHOLS HILLS
R087342369	BOWMAN EDWARD L & BRITTANY D		8609 GREYSTONE AVE		NICHOLS HILLS	OK	73120-4518	NICHOLS HILLS SUBURBAN TR	105	013	NICHOLS HILLS SUBURBAN TR 105 013 N85FT OF S215FT	8609 GREYSTONE AVE OKLAHOMA CITY
R169842595	TULL JIM S & DANETTA B		1830 WESTMINSTER PL		NICHOLS HILLS	OK	73120-4702	NICHOLS HILLS WILSHIRE	107	016	NICHOLS HILLS WILSHIRE 107 016	1830 WESTMINSTER PL NICHOLS HILLS
R169842600	STEWART ROGER P & SUSAN		1832 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-4702	NICHOLS HILLS WILSHIRE	107	017	NICHOLS HILLS WILSHIRE 107 017	1832 WESTMINSTER PL NICHOLS HILLS
R169842605	CRAZY ARMS INVESTMENTS LLC		PO BOX 13060		OKLAHOMA CITY	OK	73113	NICHOLS HILLS WILSHIRE	107	018	NICHOLS HILLS WILSHIRE 107 018	1834 WESTMINSTER PL NICHOLS HILLS
R169842610	NIKKEL SHERYL L TRS	CARPENTER BARBARA O	1836 WESTMINSTER PL		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	107	019	NICHOLS HILLS WILSHIRE 107 019	1836 WESTMINSTER PL NICHOLS HILLS
R169842615	BENEDICT K HENRY & K ARLENE		1838 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-4702	NICHOLS HILLS WILSHIRE	107	020	NICHOLS HILLS WILSHIRE 107 020	1838 WESTMINSTER PL NICHOLS HILLS
R169842620	GILLEY ERIN		1840 WESTMINSTER PL		OKLAHOMA CITY	OK	73120	NICHOLS HILLS WILSHIRE	107	021	NICHOLS HILLS WILSHIRE 107 021	1840 WESTMINSTER PL NICHOLS HILLS
R169842625	TURNER JENNIFER R		2621 GUILFORD LN		NICHOLS HILLS	OK	73120-4536	NICHOLS HILLS WILSHIRE	107	022	NICHOLS HILLS WILSHIRE 107 022	1842 WESTMINSTER PL NICHOLS HILLS
R169842630	GRAHAM JO LYNN		1844 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-4702	NICHOLS HILLS WILSHIRE	107	023	NICHOLS HILLS WILSHIRE 107 023	1844 WESTMINSTER PL NICHOLS HILLS
R087342360	FOSTER JOSEPH H		2609 DRAKESTONE AVE		OKLAHOMA CITY	OK	73120-4525	NICHOLS HILLS SUBURBAN TR	105	011	NICHOLS HILLS SUBURBAN TR 105 011	2609 DRAKESTONE AVE OKLAHOMA CITY

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R087342362	ZEDLINER GLOBAL LLC	2520 NW GRAND BLVD		OKLAHOMA CITY	OK	73116	NICHOLS HILLS SUBURBAN TR	105	012	NICHOLS HILLS SUBURBAN TR 105 012	2603 DRAKESTONE AVE OKLAHOMA CITY
R087342370	PITTS JOSEPH & BRENDA	8617 GREYSTONE AVE		OKLAHOMA CITY	OK	73120	NICHOLS HILLS SUBURBAN TR	105	000	NW/C SD LT E TO NE/C SD LT TH S ALONG E LINE SD LT TO BEG	8617 GREYSTONE AVE OKLAHOMA CITY
R179520005	RML PROPERTIES LLC	1236 NW 49TH ST		OKLAHOMA CITY	OK	73118-5208	REPLAT ADD	134	001	VILLAGE REPLAT ADD 134 001	2100 WESTCHESTER DR VILLAGE
R179520010	FRASER HOMES	4316 WINDSONG WAY		OKLAHOMA CITY	OK	73120-8140	REPLAT ADD	134	002	VILLAGE REPLAT ADD 134 002	2104 WESTCHESTER DR VILLAGE
R179520015	CANTU ARIANNE M	6208 NW 160TH TER		EDMOND	OK	73013-3344	REPLAT ADD	134	003	VILLAGE REPLAT ADD 134 003	2108 WESTCHESTER DR VILLAGE
R179520020	JOHN GALT HOMES LLC	426 NW 5TH ST STE 200		OKLAHOMA CITY	OK	73102-3059	REPLAT ADD	134	004	VILLAGE REPLAT ADD 134 004	2112 WESTCHESTER DR VILLAGE
R179520025	ALCHEMY INVESTMENTS LLC	2116 WESTCHESTER DR		THE VILLAGE	OK	73120	VILLAGE		005	VILLAGE REPLAT ADD 134 005	2116 WESTCHESTER DR VILLAGE
R169842995	CITY OF NICHOLS HILLS	6407 AVONDALE DR		NICHOLS HILLS	OK	73116-6431	NICHOLS HILLS WILSHIRE	108	000	NICHOLS HILLS WILSHIRE 108 000 LOTS 24 & 25 EXEMPT	0 UNKNOWN NICHOLS HILLS
R169842990	LEWIS CHARLES ALEXANDER	1845 WESTMINSTER PL		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	108	023	NICHOLS HILLS WILSHIRE 108 023	1845 WESTMINSTER PL NICHOLS HILLS
R169842985	LAWP INVESTMENTS LLC	PO BOX 20787		OKLAHOMA CITY	OK	73156	NICHOLS HILLS WILSHIRE	108	022	NICHOLS HILLS WILSHIRE 108 022	1843 WESTMINSTER PL NICHOLS HILLS
R169842980	GUTHRY BILLY B JR TRS	13233 SAINT ANDREWS DR		OKLAHOMA CITY	OK	73120-8549	NICHOLS HILLS WILSHIRE	108	021	NICHOLS HILLS WILSHIRE 108 021	1841 WESTMINSTER PL NICHOLS HILLS
R169842975	SAHEB EDWARD F LF EST	1839 WESTMINSTER PL		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	108	020	NICHOLS HILLS WILSHIRE 108 020	1839 WESTMINSTER PL NICHOLS HILLS
R169842970	THAD MICHAEL DALE REVOCABLE TRUST	1837 WESTMINSTER PL		OKLAHOMA CITY	OK	73120	NICHOLS HILLS WILSHIRE	108	019	NICHOLS HILLS WILSHIRE 108 019	1837 WESTMINSTER PL NICHOLS HILLS
R169842965	D & G 1835 LLC	2636 NW 153RD ST 2004		EDMOND	OK	73013	NICHOLS HILLS WILSHIRE	108	018	NICHOLS HILLS WILSHIRE 108 018	1835 WESTMINSTER PL NICHOLS HILLS
R179583810	BUTTS EMILY M	WESTCHESTER DR		OKLAHOMA CITY	OK	73120-1133	EXTENDED VILLAGE	146	020	VILLAGE EXTENDED 146 020	2004 WESTCHESTER DR VILLAGE
R179583820	PEREZ LUIS & MARIA	14300 OAKMOND RD		EDMOND	OK	73013-2444	EXTENDED VILLAGE	146	021	VILLAGE EXTENDED 146 021	2008 WESTCHESTER DR VILLAGE
R179583830	GREENWAY HOMES LLC SERIES A	PO BOX 21444		OKLAHOMA CITY	OK	73156-1444	VILLAGE EXTENDED	146	022	VILLAGE EXTENDED 146 022	2012 WESTCHESTER DR VILLAGE
R179583840	PATTERSON MICHELLE	119 DELESPINE ST		MELBOURNE BCH	FL	32951-3863	VILLAGE EXTENDED	146	023	VILLAGE EXTENDED 146 023	2016 WESTCHESTER DR VILLAGE

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R179583850	GILCREASE JEANNINE REV TRUST	2020 WESTCHESTER DR		OKLAHOMA CITY	OK	73120-1133	VILLAGE EXTENDED	146	024	VILLAGE EXTENDED 146 024	2020 WESTCHESTER DR VILLAGE
R179583860	BURTON TIFFANY R & DANIEL R	PO BOX 20778		OKLAHOMA CITY	OK	73156-0778	VILLAGE EXTENDED	146	025	VILLAGE EXTENDED 146 025	2024 WESTCHESTER DR VILLAGE
R179583870	SCHELL FAMILY TRUST	11515 HILLSDALE DR		EDMOND	OK	73013-0465	VILLAGE EXTENDED	146	026	VILLAGE EXTENDED 146 026	2028 WESTCHESTER DR VILLAGE
R179583880	SUPON CARLA J	PO BOX 20864		OKLAHOMA CITY	OK	73156-0864	VILLAGE EXTENDED	146	027	VILLAGE EXTENDED 146 027	2032 WESTCHESTER DR VILLAGE
R179520720	CG PROPERTIES LLC	3001 PELHAM DR		OKLAHOMA CITY	OK	73120	VILLAGE REPLAT ADD	135	046	VILLAGE REPLAT ADD 135 046	2101 WESTCHESTER DR VILLAGE
R179520710	MULLEN JEFFERY	3018 CREEKVIEW DR		TUTTLE	OK	73089	VILLAGE REPLAT ADD	135	045	VILLAGE REPLAT ADD 135 045	2105 WESTCHESTER DR VILLAGE
R179520700	HANNA VANESSA F & TIMOTHY R	2109 WESTCHESTER DR		OKLAHOMA CITY	OK	73120	VILLAGE REPLAT ADD	135	044	VILLAGE REPLAT ADD 135 044	2109 WESTCHESTER DR VILLAGE
R179520690	TING SQUARE INVESTMENTS INC	409 NW 18TH ST		OKLAHOMA CITY	OK	73103-1905	VILLAGE REPLAT ADD	135	043	VILLAGE REPLAT ADD 135 043	2113 WESTCHESTER DR VILLAGE
R179520680	BJ RESIDENTIAL LLC	1269 MISTY DR NW		PIEDMONT	OK	73078	VILLAGE REPLAT ADD	135	042	VILLAGE REPLAT ADD 135 042	2117 WESTCHESTER DR VILLAGE
R179583340	STONEFLY PROPERTIES LLC	PO BOX 18852		OKLAHOMA CITY	OK	73154-0852	VILLAGE EXTENDED	145	026	VILLAGE EXTENDED 145 026	2033 WESTCHESTER DR VILLAGE
R179583350	NICHOLSON JAMES FAMILY REV M & SUSAN B TRS LIVING TRUST	1805 GUILFORD LN 2025		NICHOLS HILLS	OK	73120-4730	VILLAGE EXTENDED	145	027	VILLAGE EXTENDED 145 027	2029 WESTCHESTER DR VILLAGE
R179583360	GARRISON PAIGE & NICOLAAS	WESTCHESTER DR		OKLAHOMA CITY	OK	73120	VILLAGE EXTENDED	145	028	VILLAGE EXTENDED 145 028	2025 WESTCHESTER DR VILLAGE
R179583370	HALL EMILY LOU	PO BOX 82098		OKLAHOMA CITY	OK	73148-0098	VILLAGE EXTENDED	145	029	VILLAGE EXTENDED 145 029	2021 WESTCHESTER DR VILLAGE
R179583380	RENZ MARY E	2017 WESTCHESTER DR		OKLAHOMA CITY	OK	73120	VILLAGE EXTENDED	145	030	VILLAGE EXTENDED 145 030	2017 WESTCHESTER DR VILLAGE
R179583390	MINTON AUDRA M	2013 WESTCHESTER DR		OKLAHOMA CITY	OK	73120-1132	VILLAGE EXTENDED	145	031	VILLAGE EXTENDED 145 031	2013 WESTCHESTER DR VILLAGE
R179583400	HART KELLI KARABINUS CHRISTINE ELIZABETH	11415 RED ROCK RD		OKLAHOMA CITY	OK	73120	VILLAGE EXTENDED	145	032	VILLAGE EXTENDED 145 032	2009 WESTCHESTER DR VILLAGE
R179520270		2100 BRIGHTON AVE		OKLAHOMA CITY	OK	73120-4812	VILLAGE REPLAT ADD	135	001	VILLAGE REPLAT ADD 135 001	2100 BRIGHTON AVE VILLAGE
R179520300	CELKS LLC	1712 DORCHESTER PL		NICHOLS HILLS	OK	73120-1008	VILLAGE REPLAT ADD	135	004	VILLAGE REPLAT ADD 135 004	2112 BRIGHTON AVE VILLAGE
R179520290	OMNI LAND CORP	PO BOX 3848		EDMOND	OK	73083-3848	VILLAGE REPLAT ADD	135	003	VILLAGE REPLAT ADD 135 003	2108 BRIGHTON AVE VILLAGE
R179520280	CANTU ARIANNE M	2104 BRIGHTON AVE		OKLAHOMA CITY	OK	73120-4812	VILLAGE REPLAT ADD	135	002	VILLAGE REPLAT ADD 135 002	2104 BRIGHTON AVE VILLAGE
R179583330	LOWELL AMANDA M	2032 BRIGHTON AVE		VILLAGE	OK	73120	VILLAGE EXTENDED	145	025	VILLAGE EXTENDED 145 025	2032 BRIGHTON AVE VILLAGE
R179583320	MILES TIMOTHY	2028 BRIGHTON AVE		OKLAHOMA CITY	OK	73120-1115	VILLAGE EXTENDED	145	024	VILLAGE EXTENDED 145 024	2028 BRIGHTON AVE VILLAGE
R179583310	ZECK REALTY MARKETING LLC	PO BOX 18143		OKLAHOMA CITY	OK	73154	VILLAGE EXTENDED	145	023	VILLAGE EXTENDED 145 023	2024 BRIGHTON AVE VILLAGE





May 4, 2022

Hazel Mauro
Nexius
1025 South Beltline Rd.,
Coppell, TX 75019
(913) 710-3999

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587- 4630
btwo@btgrp.com

Subject: **Appurtenance Mount Analysis Report**

Carrier Designation: **Site Number:** OKL01652
Site Name: Casady Square

Engineering Firm Designation: **B+T Group Project Number:** 160864.001.01

Site Data: **1849 East Westminster Place, Oklahoma City, OK, 73120, Oklahoma County**
Latitude 35.55864°, Longitude -97.55802°
Water Tank
(3) 12.5 ft. Sector Mount

Dear Mr. Mauro,

B+T Group is pleased to submit this “**Appurtenance Mount Analysis Report**” to determine the structural integrity of the antenna mount on the above-mentioned structure.

The purpose of the analysis is to determine acceptability of the mount’s stress level. Based on our analysis we have determined the stress level for the mount under the following load case to be:

Existing + Proposed Equipment

Note: See Table 1 for the final loading configuration

Sufficient Capacity
(Passing at 71.4%)

This analysis has been performed in accordance with the ANSI/TIA-222-H Standard.

All the equipment proposed in this report shall be installed in accordance with the drawings for the determined available structural capacity to be effective.

We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Nexius. If you have any questions or need further assistance on this or any other projects, please give us a call.

Mount structural analysis prepared by: Erik Perez

Respectfully submitted by: B&T Engineering, Inc.
COA: CA 3590 (PE) Expires: 06/30/2022



Brad R. Milanowski, P.E.

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1) INTRODUCTION

The appurtenance mount consists of sector mount designed by Sabre (Part #C10152269) at 70 ft., attached to water tank at 1849 East Westminster Place, Oklahoma City, OK, 73120, Oklahoma County. The proposed antenna loading information was obtained from Nexus. All information provided to B+T Group was assumed accurate and complete.

2) ANALYSIS CRITERIA

The structural analysis was performed for this mount in accordance with the ANSI/TIA-222-H-2017 Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures using a 3-second gust wind speed of 109 mph with no ice and 40 mph with 1.5-inch escalated ice thickness. Exposure Category C & Topographic Category 1 and Risk Category II were used in this analysis. In addition, the sector mount has been analyzed for various live loading conditions consisting of a 250-lb man live load applied individually at the midpoint and cantilevered ends of horizontal members as well as a 500-pound man live load applied individually at mount pipe locations using a 3-second gust of 30 mph. The mount was analyzed under 30° increments in the wind direction. The analyzed loading is detailed in Table 1.

Table 1 – Proposed and Existing Equipment Information

Loading	RAD Center Elev. (ft.)	Position	Qty.	Manufacturer	Model / Type	Note
Proposed	70	3	3	Ericsson	AIR6449 N77	1
			3	Ericsson	AIR6419 N77G	
		4	3	CCI	TPA65R-BU8D	
			3	Ericsson	4449 B5/B12	2
		-	3	Raycap	DC9-48-60-24-PC16-EV	3
Existing	70	1	6	Kathrein	80010799	4
			3	Ericsson	RRUS-32 B2	
			6	Ericsson	RRUS-32 B66A	
		-	3	Ericsson	4478 B14	
		4	3	Ericsson	RRUS-32 B30	

Note:

- (1) Proposed Antenna to be installed on the Mount Pipe.
- (2) Proposed Equipment to be installed side by side with RRUS Support, directly behind the Antenna.
- (3) Proposed Equipment to be installed on Mount
- (4) Existing Equipment installed on the Mount.

Table 2 – Documents Provided

Documents	Remarks	Reference	Source
RFDS	Existing Loading Proposed Loading	Date: 12/27/2021	Nexus
Previous MA	NB+C Engineering Services	Date: 12/15/2017	Nexus

3) ANALYSIS PROCEDURE

3.1) Analysis Method

RISA-3D (Version 20.0.1), a commercially available analysis software package, was used to create a three-dimensional model of the mount and calculate member stresses and deflections for various loading cases. Selected output from the analysis is included in Appendix A.

Manufacturers drawing were used to create the model.

3.2) Assumptions

1. The mount was built in accordance with the manufacturer's specifications.
2. The mount has been maintained in accordance with the manufacturer's specifications and is free of damage.
3. The configuration of antennas and other appurtenances are as specified in Table 1.
4. All mount components have been assumed to be in sufficient condition to carry their full design capacity for the analysis.
5. Mount area and weights are determined from field measurements, standard material properties, and/or manufacturer product data.

The following assumptions have been included in the analysis of the mount:

Component	Section	Length	Note
Antenna Mount Pipes	2" STD Pipe	8'-0"	In Positions 1,2,3,4,6
	2" STD Pipe	5'-0"	In Positions 5
Unistruts	P1000	-	V-Frames

6. Serviceability with respect to antenna twist, tilt, roll, or lateral translation is not checked and is left to the carrier or tower owner to ensure conformance.
7. All prior structural modifications if any are assumed to be correctly installed and fully effective.
8. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
9. The following material grades were assumed (Unless Noted Otherwise):
 - a) Connection Bolts : ASTM A325
 - b) Steel Pipe : ASTM A53 (GR. 35)
 - c) HSS (Round) : ASTM 500 (GR. B-42)
 - d) HSS (Rectangular) : ASTM 500 (GR. B-46)
 - e) Channel : ASTM A36 (GR. 36)
 - f) Steel Solid Rod : ASTM A36 (GR. 36)
 - g) Steel Plate : ASTM A36 (GR. 36)
 - h) Steel Angle : ASTM A36 (GR. 36)
 - i) UNISTRUT : ASTM A570 (GR. 33)

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the antenna mounting system.

4) ANALYSIS RESULTS

Table 3 – Mount Component Stresses vs. Capacity

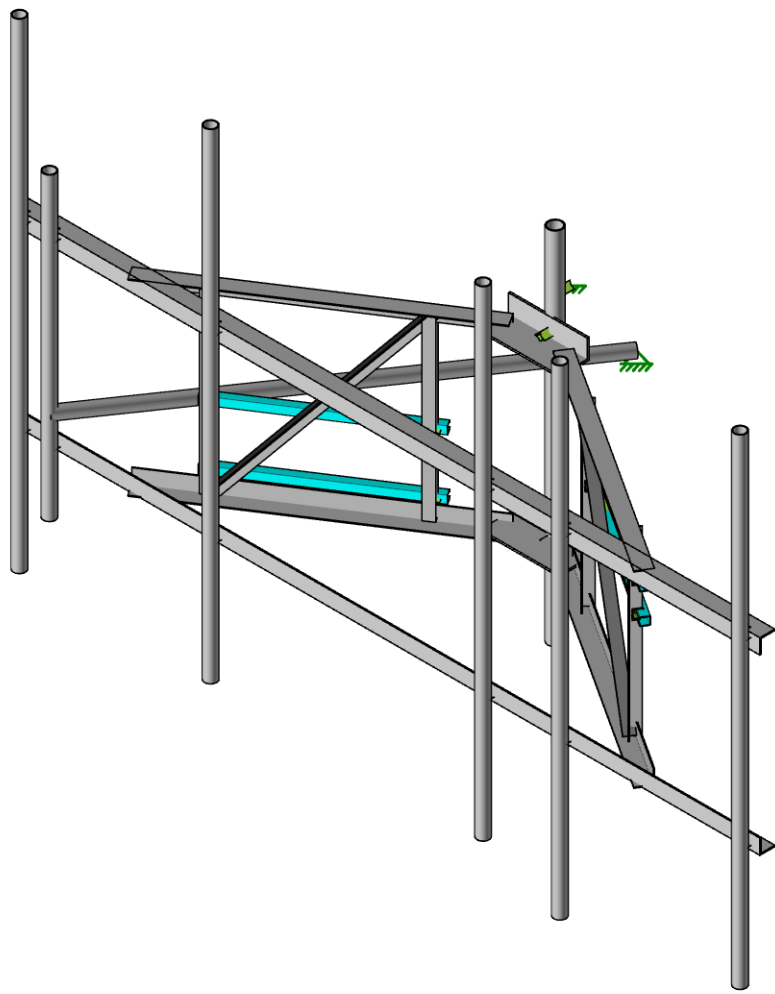
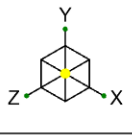
Notes	Component	Elevation (ft.)	% Capacity	Pass / Fail
-	Support Angles	70	71.4	Pass
-	Connection Angles	70	32.5	Pass
-	Verticals	70	21.2	Pass
-	Diagonals	70	17.2	Pass
-	Face Horizontals	70	59.3	Pass
	Mount Pipes	70	47.4	Pass
-	Tieback	70	7.9	Pass
-	Vertical Support Pipe	70	40.8	Pass
-	Unistruts	70	24.1	Pass

5) RECOMMENDATIONS

The mount has sufficient capacity to carry the existing and proposed loads and is in compliance with the ANSI/TIA-222-H standard for the proposed, reserved and existing loading. (Refer to the RISA output for the specific members).

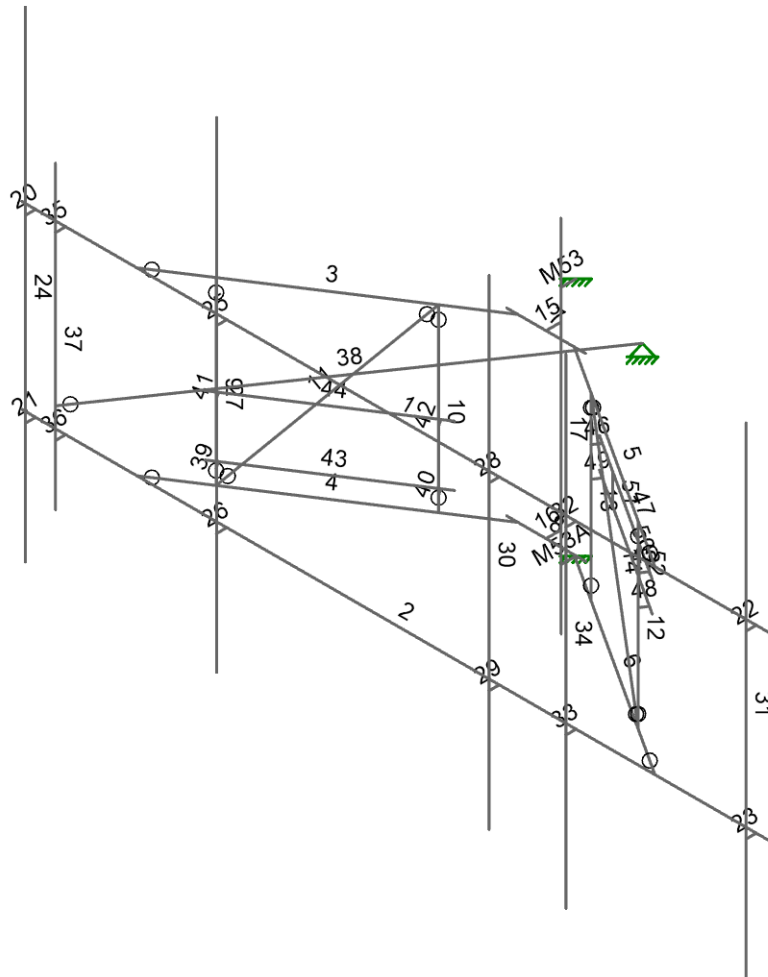
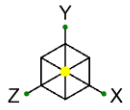
APPENDIX A

(RISA-3D Output)



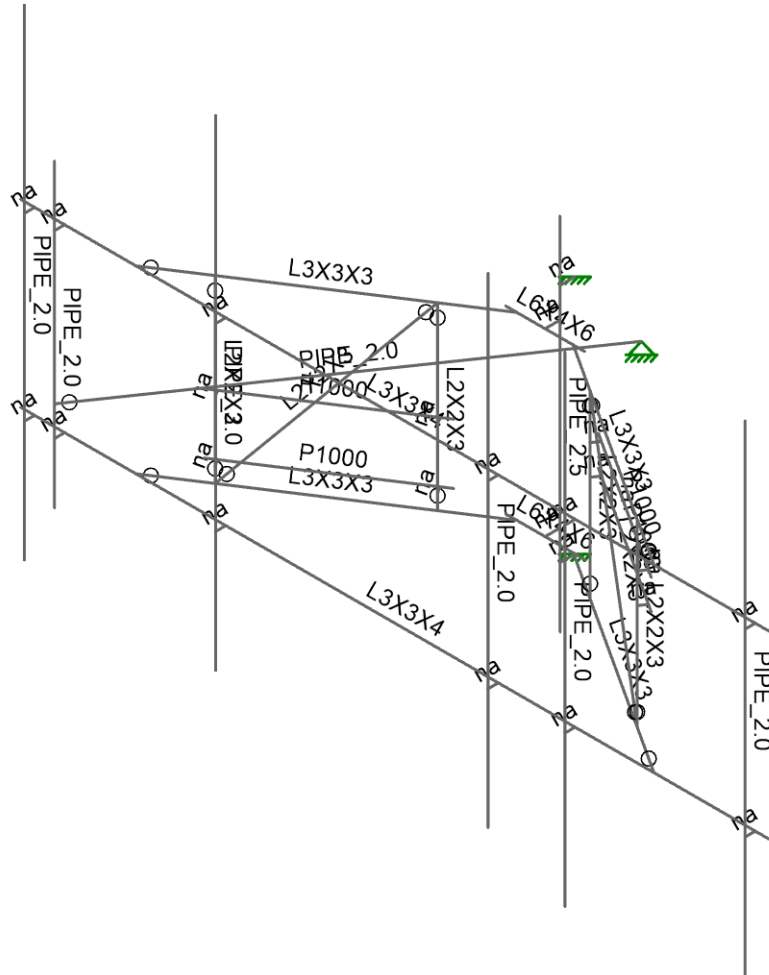
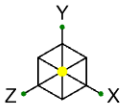
Envelope Only Solution

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Envelope Only Solution

B+T Group	OKL01652 - CASADY SQUARE	AK2
AK		May 04, 2022
160864.001.01		160864_001_01_CASADY SQUA...



Envelope Only Solution

B+T Group

AK

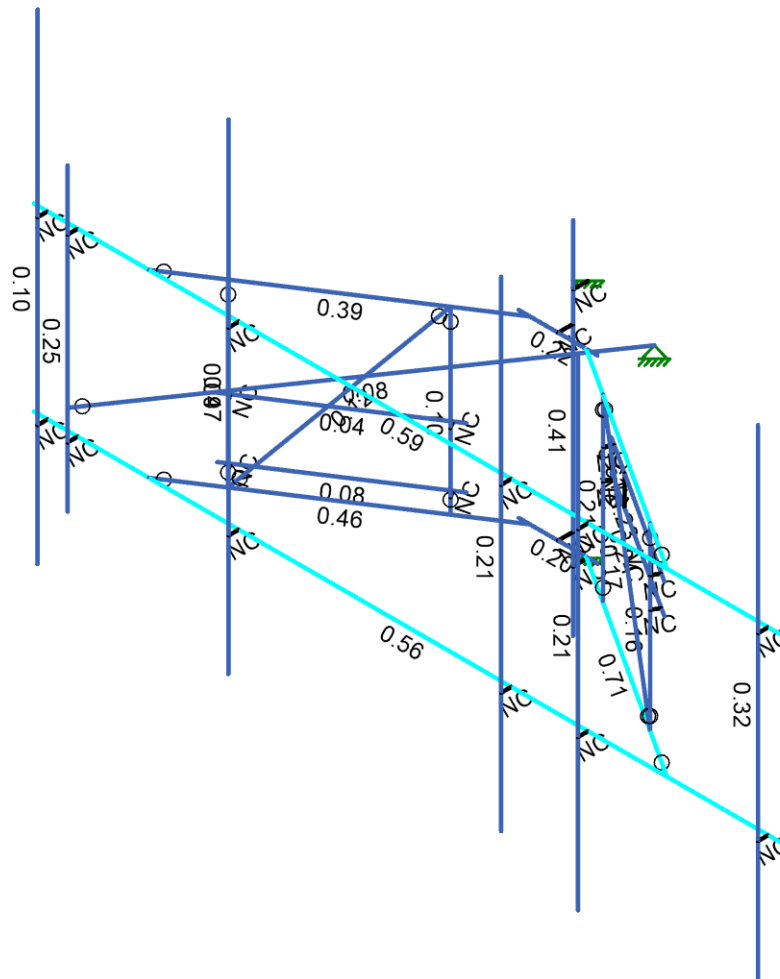
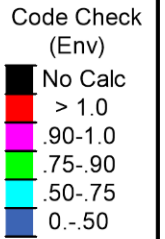
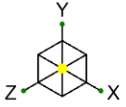
160864.001.01

OKL01652 - CASADY SQUARE

AK3

May 04, 2022

160864_001_01_CASADY SQUA...



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

B+T Group

AK

160864.001.01

OKL01652 - CASADY SQUARE

AK4

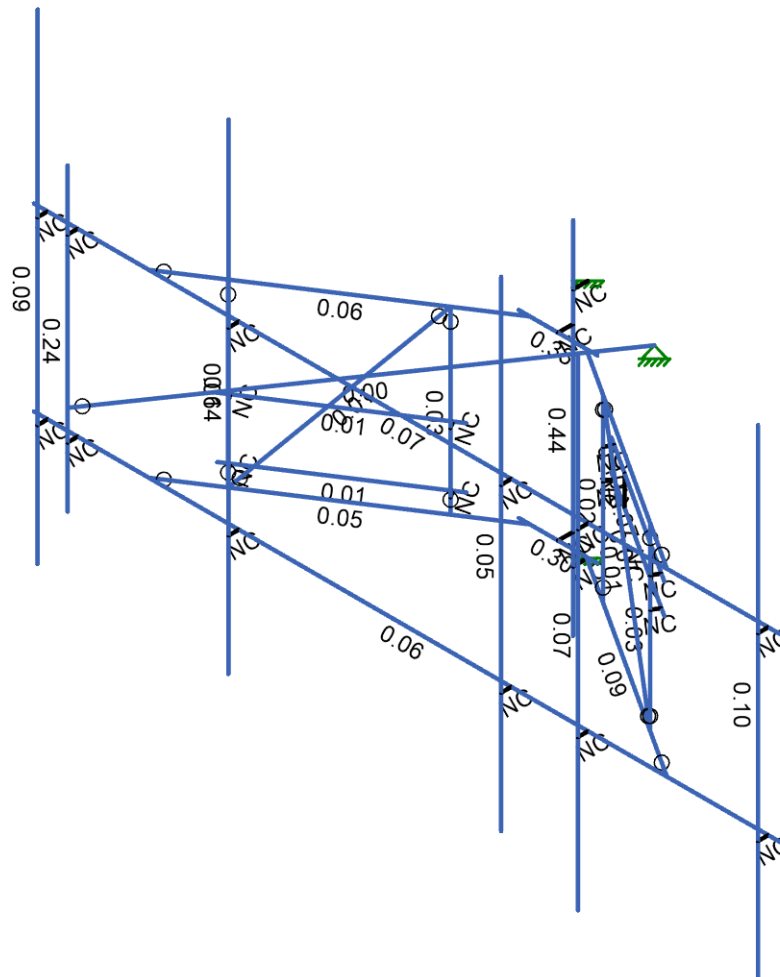
May 04, 2022

160864_001_01_CASADY SQUA...



Shear Check
(Env)

- No Calc
- > 1.0
- .90-1.0
- .75-.90
- .50-.75
- 0-.50



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

B+T Group

AK

160864.001.01

OKL01652 - CASADY SQUARE

AK5

May 04, 2022

160864_001_01_CASADY SQUA...



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Node Coordinates

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
1	1	0	-3	2.244792	
2	2	0	0	2.244792	
3	3	4.3125	0	4.744792	
4	4	-4.3125	0	4.744792	
5	5	4.3125	-3	4.744792	
6	6	-4.3125	-3	4.744792	
7	7	-6.229167	-3	4.744792	
8	8	-6.229167	0	4.744792	
9	9	6.229167	-3	4.744792	
10	10	6.229167	0	4.744792	
11	11	-0.65625	-3	2.244792	
12	12	-0.65625	0	2.244792	
13	13	0.65625	-3	2.244792	
14	14	0.65625	0	2.244792	
15	15	-0.46875	-3	2.244792	
16	16	-0.46875	0	2.244792	
17	17	0.46875	-3	2.244792	
18	18	0.46875	0	2.244792	
19	19	-3.513507	0	4.225122	
20	20	-3.513507	-3	4.225122	
21	21	-1.26934	0	2.765501	
22	22	-1.26934	-3	2.765501	
23	23	3.513507	0	4.225122	
24	24	3.513507	-3	4.225122	
25	25	1.26934	0	2.765501	
26	26	1.26934	-3	2.765501	
27	27	0	-3	1.994792	
28	28	0	0	1.994792	
29	29	0	0	0	
30	30	0	1.5	1.994792	
31	31	0	-4.5	1.994792	
32	32	0	-3.25	1.994792	
33	33	0	-3.25	0.75	
34	34	-5.99997	0	4.744792	
35	35	-5.99997	0	4.914158	
36	36	-5.99997	-3	4.744792	
37	37	-5.99997	-3	4.914158	
38	38	5.99997	0	4.744792	
39	39	5.99997	0	4.914158	
40	40	5.99997	-3	4.744792	
41	41	5.99997	-3	4.914158	
42	42	-5.99997	3	4.914158	
43	43	-5.99997	-5	4.914158	
44	44	-2.8167	0	4.744792	
45	45	-2.8167	0	4.914158	
46	46	-2.8167	-3	4.744792	
47	47	-2.8167	-3	4.914158	
48	48	-2.8167	3	4.914158	
49	49	-2.8167	-5	4.914158	
50	50	1.720804	0	4.744792	
51	51	1.720804	0	4.914158	
52	52	1.720804	-3	4.744792	
53	53	1.720804	-3	4.914158	
54	54	1.720804	3	4.914158	
55	55	1.720804	-5	4.914158	

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
56	56	6.00003	3	4.914158	
57	57	6.00003	-5	4.914158	
58	58	3.00003	0	4.744792	
59	59	3.00003	0	4.914158	
60	60	3.00003	-3	4.744792	
61	61	3.00003	-3	4.914158	
62	62	3.00003	2.5	4.914158	
63	63	3.00003	-5.5	4.914158	
64	64	-5.5	0	4.744792	
65	65	-5.5	0	4.914158	
66	66	-5.5	-3	4.744792	
67	67	-5.5	1	4.914158	
68	68	-5.5	-4	4.914158	
69	69	-5.5	-3	4.914158	
70	70	-5.5	-2.5	4.914158	
71	71	-3.587664	-2.749995	4.111111	
72	72	-3.513507	-2.749995	4.225122	
73	73	-1.343495	-2.749995	2.651489	
74	74	-1.26934	-2.749995	2.765501	
75	75	-3.587664	-1.749995	4.111111	
76	76	-3.513507	-1.749995	4.225122	
77	77	-1.343494	-1.749995	2.651489	
78	78	-1.26934	-1.749995	2.765501	
79	79	-3.723011	-2.749995	4.199142	
80	80	-1.208147	-2.749995	2.563458	
81	81	-3.723011	-1.749995	4.199142	
82	82	-1.208147	-1.749995	2.563458	
83	83	3.587663	-0.75	4.111111	
84	84	3.513507	-0.75	4.225122	
85	85	1.343494	-0.75	2.651489	
86	86	1.26934	-0.75	2.765501	
87	87	3.72301	-0.75	4.199142	
88	88	1.208147	-0.75	2.563458	
89	89	3.587663	-1.25	4.111111	
90	90	3.513507	-1.25	4.225122	
91	91	1.343494	-1.25	2.651489	
92	92	1.26934	-1.25	2.765501	
93	93	3.723011	-1.25	4.199142	
94	94	1.208147	-1.25	2.563458	
95	95	1.515545	0	-0.875	
96	96	-1.515545	0	-0.875	
97	97	-1.515545	-2.5	-0.875	
98	98	3.094295	-0.75	3.790221	
99	99	3.094295	-1.25	3.790221	
100	100	1.836863	-0.75	2.972379	
101	101	1.836863	-1.25	2.972379	
102	102	0	0.5	1.994792	
103	103	0	0.5	1.75	
104	104	0	-3.5	1.994792	
105	105	0	-3.5	1.75	

Node Boundary Conditions

	Node Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot [k-ft/rad]	Y Rot [k-ft/rad]	Z Rot [k-ft/rad]
1	2						
2	1						



Company : B+T Group
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 Job Number : 160864.001.01
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Node Boundary Conditions (Continued)

	Node Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot [k-ft/rad]	Y Rot [k-ft/rad]	Z Rot [k-ft/rad]
3	27						
4	28						
5	97	Reaction	Reaction	Reaction			
6	102						
7	103	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
8	105	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [10^{-6}F^{-1}]	Density [k/ft ³]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
2	A572 Gr.50	29000	11154	0.3	0.65	0.49	50	1.1	58	1.2
3	A992	29000	11154	0.3	0.65	0.49	50	1.1	58	1.2
4	A500 Gr.42	29000	11154	0.3	0.65	0.49	42	1.3	58	1.1
5	A500 Gr.46	29000	11154	0.3	0.65	0.49	46	1.2	58	1.1
6	A53 Gr.B	29000	11154	0.3	0.65	0.49	35	1.5	58	1.2
7	A500 Gr.B RND	29000	11154	0.3	0.65	0.527	42	1.4	58	1.3
8	A500 Gr.B Rect	29000	11154	0.3	0.65	0.527	46	1.4	58	1.3
9	A1085	29000	11154	0.3	0.65	0.49	50	1.4	65	1.3

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [10^{-6}F^{-1}]	Density [k/ft ³]	Yield [ksi]	Fu [ksi]
1	A570 33	29500	11346	0.3	0.65	0.49	33	52
2	A607 C1 55	29500	11346	0.3	0.65	0.49	55	70
3	A653 SS Gr33	29500	11346	0.3	0.65	0.49	33	45
4	A653 SS Gr50/1	29500	11346	0.3	0.65	0.49	50	65

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	F1-H1	L3X3X3	Beam	Single Angle	A572 Gr.50	Typical	1.09	0.948	0.948	0.014
2	F1-H2	L6X4X6	Beam	Single Angle	A36 Gr.36	Typical	3.61	4.86	13.4	0.177
3	F1-V1	L2X2X3	Column	Single Angle	A572 Gr.50	Typical	0.722	0.271	0.271	0.009
4	F1-D1	L2X2X3	VBrace	Single Angle	A572 Gr.50	Typical	0.722	0.271	0.271	0.009
5	MF-H1	L3X3X4	Beam	Single Angle	A572 Gr.50	Typical	1.44	1.23	1.23	0.031
6	MF-P1	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	0.627	0.627	1.25
7	Tieback	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	0.627	0.627	1.25
8	FV-1	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	CF1A	P1000	Beam	CS	A570 33	Typical	0.517	0.165	0.222	0.002

Member Primary Data

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	1	8	10	180	MF-H1	Beam	Single Angle	A572 Gr.50	Typical
2	2	7	9	270	MF-H1	Beam	Single Angle	A572 Gr.50	Typical
3	3	4	16	90	F1-H1	Beam	Single Angle	A572 Gr.50	Typical
4	4	6	15		F1-H1	Beam	Single Angle	A572 Gr.50	Typical
5	5	3	18	180	F1-H1	Beam	Single Angle	A572 Gr.50	Typical
6	6	5	17	270	F1-H1	Beam	Single Angle	A572 Gr.50	Typical



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
7	7	14	12	270	F1-H2	Beam	Single Angle	A36 Gr.36	Typical
8	8	11	13	90	F1-H2	Beam	Single Angle	A36 Gr.36	Typical
9	9	19	20	325	F1-V1	Column	Single Angle	A572 Gr.50	Typical
10	10	21	22	325	F1-V1	Column	Single Angle	A572 Gr.50	Typical
11	11	21	20	180	F1-D1	VBrace	Single Angle	A572 Gr.50	Typical
12	12	23	24	135	F1-V1	Column	Single Angle	A572 Gr.50	Typical
13	13	25	26	135	F1-V1	Column	Single Angle	A572 Gr.50	Typical
14	14	25	24	90	F1-D1	VBrace	Single Angle	A572 Gr.50	Typical
15	15	2	28		RIGID	None	None	RIGID	Typical
16	16	1	27		RIGID	None	None	RIGID	Typical
17	17	30	31		FV-1	Column	Pipe	A53 Gr.B	Typical
18	20	34	35		RIGID	None	None	RIGID	Typical
19	21	36	37		RIGID	None	None	RIGID	Typical
20	22	38	39		RIGID	None	None	RIGID	Typical
21	23	40	41		RIGID	None	None	RIGID	Typical
22	24	42	43		MF-P1	Column	Pipe	A53 Gr.B	Typical
23	25	44	45		RIGID	None	None	RIGID	Typical
24	26	46	47		RIGID	None	None	RIGID	Typical
25	27	48	49		MF-P1	Column	Pipe	A53 Gr.B	Typical
26	28	50	51		RIGID	None	None	RIGID	Typical
27	29	52	53		RIGID	None	None	RIGID	Typical
28	30	54	55		MF-P1	Column	Pipe	A53 Gr.B	Typical
29	31	56	57		MF-P1	Column	Pipe	A53 Gr.B	Typical
30	32	58	59		RIGID	None	None	RIGID	Typical
31	33	60	61		RIGID	None	None	RIGID	Typical
32	34	62	63		MF-P1	Column	Pipe	A53 Gr.B	Typical
33	35	64	65		RIGID	None	None	RIGID	Typical
34	36	66	69		RIGID	None	None	RIGID	Typical
35	37	67	68		MF-P1	Column	Pipe	A53 Gr.B	Typical
36	38	70	97		Tieback	Beam	Pipe	A53 Gr.B	Typical
37	39	71	72		RIGID	None	None	RIGID	Typical
38	40	73	74		RIGID	None	None	RIGID	Typical
39	41	75	76		RIGID	None	None	RIGID	Typical
40	42	77	78		RIGID	None	None	RIGID	Typical
41	43	79	80	180	CF1A	Beam	CS	A570 33	Typical
42	44	81	82	180	CF1A	Beam	CS	A570 33	Typical
43	45	83	84		RIGID	None	None	RIGID	Typical
44	46	85	86		RIGID	None	None	RIGID	Typical
45	47	87	88	180	CF1A	Beam	CS	A570 33	Typical
46	48	89	90		RIGID	None	None	RIGID	Typical
47	49	91	92		RIGID	None	None	RIGID	Typical
48	50	93	94	180	CF1A	Beam	CS	A570 33	Typical
49	51	100	101		RIGID	None	None	RIGID	Typical
50	52	98	99		RIGID	None	None	RIGID	Typical
51	M53	102	103		RIGID	None	None	RIGID	Typical
52	M53A	104	105		RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
1	1			Yes	N/A	None
2	2			Yes	N/A	None
3	3	BenPIN		Yes	N/A	None
4	4	BenPIN		Yes	N/A	None
5	5	BenPIN		Yes	N/A	None
6	6	BenPIN		Yes	N/A	None



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
7	7			Yes	N/A	None
8	8			Yes	N/A	None
9	9	BenPIN	BenPIN	Yes	** NA **	None
10	10	BenPIN	BenPIN	Yes	** NA **	None
11	11	BenPIN	BenPIN	Yes	** NA **	None
12	12	BenPIN	BenPIN	Yes	** NA **	None
13	13	BenPIN	BenPIN	Yes	** NA **	None
14	14	BenPIN	BenPIN	Yes	** NA **	None
15	15			Yes	** NA **	None
16	16			Yes	** NA **	None
17	17			Yes	** NA **	None
18	20			Yes	** NA **	None
19	21			Yes	** NA **	None
20	22			Yes	** NA **	None
21	23			Yes	** NA **	None
22	24			Yes	** NA **	None
23	25			Yes	** NA **	None
24	26			Yes	** NA **	None
25	27			Yes	** NA **	None
26	28			Yes	** NA **	None
27	29			Yes	** NA **	None
28	30			Yes	** NA **	None
29	31			Yes	** NA **	None
30	32			Yes	** NA **	None
31	33			Yes	** NA **	None
32	34			Yes	** NA **	None
33	35			Yes	** NA **	None
34	36			Yes	** NA **	None
35	37			Yes	** NA **	None
36	38	BenPIN		Yes	N/A	None
37	39			Yes	** NA **	None
38	40			Yes	** NA **	None
39	41			Yes	** NA **	None
40	42			Yes	** NA **	None
41	43			Yes	N/A	None
42	44			Yes	N/A	None
43	45			Yes	** NA **	None
44	46			Yes	** NA **	None
45	47			Yes	N/A	None
46	48			Yes	** NA **	None
47	49			Yes	** NA **	None
48	50			Yes	N/A	None
49	51			Yes	** NA **	None
50	52			Yes	** NA **	None
51	M53			Yes	** NA **	None
52	M53A			Yes	** NA **	None

Hot Rolled Steel Design Parameters

	Label	Shape	Length [ft]	Lcomp top [ft]	Channel Conn.	a [ft]	Function
1	1	MF-H1	12.458	Lbyy	N/A	N/A	Lateral
2	2	MF-H1	12.458	Lbyy	N/A	N/A	Lateral
3	3	F1-H1	4.585	Lbyy	N/A	N/A	Lateral
4	4	F1-H1	4.585	Lbyy	N/A	N/A	Lateral
5	5	F1-H1	4.585	Lbyy	N/A	N/A	Lateral
6	6	F1-H1	4.585	Lbyy	N/A	N/A	Lateral

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lcomp top [ft]	Channel Conn.	a [ft]	Function
7	7	F1-H2	1.313	Lbyy	N/A	N/A	Lateral
8	8	F1-H2	1.313	Lbyy	N/A	N/A	Lateral
9	9	F1-V1	3	Lbyy	N/A	N/A	Lateral
10	10	F1-V1	3	Lbyy	N/A	N/A	Lateral
11	11	F1-D1	4.021	Lbyy	N/A	N/A	Lateral
12	12	F1-V1	3	Lbyy	N/A	N/A	Lateral
13	13	F1-V1	3	Lbyy	N/A	N/A	Lateral
14	14	F1-D1	4.021	Lbyy	N/A	N/A	Lateral
15	17	FV-1	6	Lbyy	N/A	N/A	Lateral
16	24	MF-P1	8	Lbyy	N/A	N/A	Lateral
17	27	MF-P1	8	Lbyy	N/A	N/A	Lateral
18	30	MF-P1	8	Lbyy	N/A	N/A	Lateral
19	31	MF-P1	8	Lbyy	N/A	N/A	Lateral
20	34	MF-P1	8	Lbyy	N/A	N/A	Lateral
21	37	MF-P1	5	Lbyy	N/A	N/A	Lateral
22	38	Tieback	7.028	Lbyy	N/A	N/A	Lateral

Cold Formed Steel Design Parameters

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
1	43	CF1A	3	Lbyy	Lateral
2	44	CF1A	3	Lbyy	Lateral
3	47	CF1A	3	Lbyy	Lateral
4	50	CF1A	3	Lbyy	Lateral

Member Point Loads (BLC 1 : Dead)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Y	-0.054	%5
2	31	Y	-0.054	%95
3	31	Y	-0.053	%50
4	31	Y	-0.106	%25
5	31	Y	0	0
6	52	Y	-0.06	%50
7	52	Y	0	0
8	52	Y	0	0
9	52	Y	0	0
10	52	Y	0	0
11	30	Y	-0.037	%5
12	30	Y	-0.037	%35
13	30	Y	-0.037	%60
14	30	Y	-0.037	%95
15	30	Y	0	0
16	27	Y	-0.044	%5
17	27	Y	-0.044	%95
18	27	Y	-0.073	%20
19	27	Y	-0.077	%20
20	27	Y	0	0
21	51	Y	-0.026	%50
22	51	Y	0	0
23	51	Y	0	0
24	51	Y	0	0
25	51	Y	0	0

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Member Point Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Z	-0.162	%5
2	31	Z	-0.162	%95
3	31	Z	-0.08	%50
4	31	Z	-0.098	%25
5	31	Z	0	0
6	52	Z	-0.054	%50
7	52	Z	0	0
8	52	Z	0	0
9	52	Z	0	0
10	52	Z	0	0
11	30	Z	-0.062	%5
12	30	Z	-0.062	%35
13	30	Z	-0.062	%60
14	30	Z	-0.062	%95
15	30	Z	0	0
16	27	Z	-0.258	%5
17	27	Z	-0.258	%95
18	27	Z	-0.038	%20
19	27	Z	-0.071	%20
20	27	Z	0	0
21	51	Z	-0.08	%50
22	51	Z	0	0
23	51	Z	0	0
24	51	Z	0	0
25	51	Z	0	0

Member Point Loads (BLC 3 : 90 Wind - No Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	X	-0.073	%5
2	31	X	-0.073	%95
3	31	X	-0.046	%50
4	31	X	-0.169	%25
5	31	X	0	0
6	52	X	-0.031	%50
7	52	X	0	0
8	52	X	0	0
9	52	X	0	0
10	52	X	0	0
11	30	X	-0.032	%5
12	30	X	-0.032	%35
13	30	X	-0.032	%60
14	30	X	-0.032	%95
15	30	X	0	0
16	27	X	-0.097	%5
17	27	X	-0.097	%95
18	27	X	-0.048	%20
19	27	X	-0.099	%20
20	27	X	0	0
21	51	X	-0.143	%50
22	51	X	0	0
23	51	X	0	0
24	51	X	0	0
25	51	X	0	0

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Member Point Loads (BLC 4 : 0 Wind - Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Z	-0.027	%5
2	31	Z	-0.027	%95
3	31	Z	-0.011	%50
4	31	Z	-0.013	%25
5	31	Z	0	0
6	52	Z	-0.007	%50
7	52	Z	0	0
8	52	Z	0	0
9	52	Z	0	0
10	52	Z	0	0
11	30	Z	-0.008	%5
12	30	Z	-0.008	%35
13	30	Z	-0.008	%60
14	30	Z	-0.008	%95
15	30	Z	0	0
16	27	Z	-0.041	%5
17	27	Z	-0.041	%95
18	27	Z	-0.005	%20
19	27	Z	-0.01	%20
20	27	Z	0	0
21	51	Z	-0.011	%50
22	51	Z	0	0
23	51	Z	0	0
24	51	Z	0	0
25	51	Z	0	0

Member Point Loads (BLC 5 : 90 Wind - Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	X	-0.015	%5
2	31	X	-0.015	%95
3	31	X	-0.006	%50
4	31	X	-0.023	%25
5	31	X	0	0
6	52	X	-0.004	%50
7	52	X	0	0
8	52	X	0	0
9	52	X	0	0
10	52	X	0	0
11	30	X	-0.004	%5
12	30	X	-0.004	%35
13	30	X	-0.004	%60
14	30	X	-0.004	%95
15	30	X	0	0
16	27	X	-0.019	%5
17	27	X	-0.019	%95
18	27	X	-0.007	%20
19	27	X	-0.013	%20
20	27	X	0	0
21	51	X	-0.019	%50
22	51	X	0	0
23	51	X	0	0
24	51	X	0	0
25	51	X	0	0

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Member Point Loads (BLC 6 : 0 Wind - Service)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Z	-0.012	%5
2	31	Z	-0.012	%95
3	31	Z	-0.006	%50
4	31	Z	-0.007	%25
5	31	Z	0	0
6	52	Z	-0.004	%50
7	52	Z	0	0
8	52	Z	0	0
9	52	Z	0	0
10	52	Z	0	0
11	30	Z	-0.005	%5
12	30	Z	-0.005	%35
13	30	Z	-0.005	%60
14	30	Z	-0.005	%95
15	30	Z	0	0
16	27	Z	-0.02	%5
17	27	Z	-0.02	%95
18	27	Z	-0.003	%20
19	27	Z	-0.005	%20
20	27	Z	0	0
21	51	Z	-0.006	%50
22	51	Z	0	0
23	51	Z	0	0
24	51	Z	0	0
25	51	Z	0	0

Member Point Loads (BLC 7 : 90 Wind - Service)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	X	-0.006	%5
2	31	X	-0.006	%95
3	31	X	-0.004	%50
4	31	X	-0.013	%25
5	31	X	0	0
6	52	X	-0.002	%50
7	52	X	0	0
8	52	X	0	0
9	52	X	0	0
10	52	X	0	0
11	30	X	-0.002	%5
12	30	X	-0.002	%35
13	30	X	-0.002	%60
14	30	X	-0.002	%95
15	30	X	0	0
16	27	X	-0.007	%5
17	27	X	-0.007	%95
18	27	X	-0.004	%20
19	27	X	-0.008	%20
20	27	X	0	0
21	51	X	-0.011	%50
22	51	X	0	0
23	51	X	0	0
24	51	X	0	0
25	51	X	0	0

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Member Point Loads (BLC 8 : Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Y	-0.191	%5
2	31	Y	-0.191	%95
3	31	Y	-0.07	%50
4	31	Y	-0.14	%25
5	31	Y	0	0
6	52	Y	-0.046	%50
7	52	Y	0	0
8	52	Y	0	0
9	52	Y	0	0
10	52	Y	0	0
11	30	Y	-0.052	%5
12	30	Y	-0.052	%35
13	30	Y	-0.052	%60
14	30	Y	-0.052	%95
15	30	Y	0	0
16	27	Y	-0.207	%5
17	27	Y	-0.207	%95
18	27	Y	-0.045	%20
19	27	Y	-0.088	%20
20	27	Y	0	0
21	51	Y	-0.117	%50
22	51	Y	0	0
23	51	Y	0	0
24	51	Y	0	0
25	51	Y	0	0

Member Point Loads (BLC 9 : 0 Seismic)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Z	-0.051	%5
2	31	Z	-0.051	%95
3	31	Z	-0.025	%50
4	31	Z	-0.025	%25
5	31	Z	0	0
6	52	Z	-0.028	%50
7	52	Z	0	0
8	52	Z	0	0
9	52	Z	0	0
10	52	Z	0	0
11	30	Z	-0.035	%5
12	30	Z	-0.035	%35
13	30	Z	-0.035	%60
14	30	Z	-0.035	%95
15	30	Z	0	0
16	27	Z	-0.042	%5
17	27	Z	-0.042	%95
18	27	Z	-0.035	%20
19	27	Z	-0.037	%20
20	27	Z	0	0
21	51	Z	-0.012	%50
22	51	Z	0	0
23	51	Z	0	0
24	51	Z	0	0
25	51	Z	0	0

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Member Point Loads (BLC 10 : 90 Seismic)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	X	-0.051	%5
2	31	X	-0.051	%95
3	31	X	-0.025	%50
4	31	X	-0.025	%25
5	31	X	0	0
6	52	X	-0.028	%50
7	52	X	0	0
8	52	X	0	0
9	52	X	0	0
10	52	X	0	0
11	30	X	-0.035	%5
12	30	X	-0.035	%35
13	30	X	-0.035	%60
14	30	X	-0.035	%95
15	30	X	0	0
16	27	X	-0.042	%5
17	27	X	-0.042	%95
18	27	X	-0.035	%20
19	27	X	-0.037	%20
20	27	X	0	0
21	51	X	-0.012	%50
22	51	X	0	0
23	51	X	0	0
24	51	X	0	0
25	51	X	0	0

Member Point Loads (BLC 15 : Maint LL 1)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	1	Y	-0.25	%95

Member Point Loads (BLC 16 : Maint LL 2)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	2	Y	-0.25	%95

Member Point Loads (BLC 17 : Maint LL 3)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	3	Y	-0.25	%50

Member Point Loads (BLC 18 : Maint LL 4)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	4	Y	-0.25	%50

Member Point Loads (BLC 19 : Maint LL 5)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	5	Y	-0.25	%50

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Member Point Loads (BLC 20 : Maint LL 6)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	6	Y	-0.25	%50

Member Distributed Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.015	-0.015	0	%100
2	2	Z	-0.015	-0.015	0	%100
3	3	Z	-0.013	-0.013	0	%100
4	4	Z	-0.013	-0.013	0	%100
5	5	Z	-0.013	-0.013	0	%100
6	6	Z	-0.013	-0.013	0	%100
7	7	Z	-0.012	-0.012	0	%100
8	8	Z	-0.012	-0.012	0	%100
9	9	Z	-0.009	-0.009	0	%100
10	10	Z	-0.009	-0.009	0	%100
11	11	Z	-0.01	-0.01	0	%100
12	12	Z	-0.009	-0.009	0	%100
13	13	Z	-0.009	-0.009	0	%100
14	14	Z	-0.01	-0.01	0	%100
15	17	Z	-0.008	-0.008	0	%100
16	24	Z	-0.007	-0.007	0	%100
17	27	Z	-0.007	-0.007	0	%100
18	30	Z	-0.007	-0.007	0	%100
19	31	Z	-0.007	-0.007	0	%100
20	34	Z	-0.007	-0.007	0	%100
21	37	Z	-0.007	-0.007	0	%100
22	38	Z	-0.007	-0.007	0	%100
23	43	Z	-0.008	-0.008	0	%100
24	44	Z	-0.008	-0.008	0	%100
25	47	Z	-0.008	-0.008	0	%100
26	50	Z	-0.008	-0.008	0	%100

Member Distributed Loads (BLC 3 : 90 Wind - No Ice)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.015	-0.015	0	%100
2	2	X	-0.015	-0.015	0	%100
3	3	X	-0.013	-0.013	0	%100
4	4	X	-0.013	-0.013	0	%100
5	5	X	-0.013	-0.013	0	%100
6	6	X	-0.013	-0.013	0	%100
7	7	X	-0.012	-0.012	0	%100
8	8	X	-0.012	-0.012	0	%100
9	9	X	-0.009	-0.009	0	%100
10	10	X	-0.009	-0.009	0	%100
11	11	X	-0.01	-0.01	0	%100
12	12	X	-0.009	-0.009	0	%100
13	13	X	-0.009	-0.009	0	%100
14	14	X	-0.01	-0.01	0	%100
15	17	X	-0.008	-0.008	0	%100
16	24	X	-0.007	-0.007	0	%100
17	27	X	-0.007	-0.007	0	%100
18	30	X	-0.007	-0.007	0	%100
19	31	X	-0.007	-0.007	0	%100



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Member Distributed Loads (BLC 3 : 90 Wind - No Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
20	34	X	-0.007	-0.007	0	%100
21	37	X	-0.007	-0.007	0	%100
22	38	X	-0.007	-0.007	0	%100
23	43	X	-0.008	-0.008	0	%100
24	44	X	-0.008	-0.008	0	%100
25	47	X	-0.008	-0.008	0	%100
26	50	X	-0.008	-0.008	0	%100

Member Distributed Loads (BLC 4 : 0 Wind - Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.004	-0.004	0	%100
2	2	Z	-0.004	-0.004	0	%100
3	3	Z	-0.004	-0.004	0	%100
4	4	Z	-0.004	-0.004	0	%100
5	5	Z	-0.004	-0.004	0	%100
6	6	Z	-0.004	-0.004	0	%100
7	7	Z	-0.004	-0.004	0	%100
8	8	Z	-0.004	-0.004	0	%100
9	9	Z	-0.003	-0.003	0	%100
10	10	Z	-0.003	-0.003	0	%100
11	11	Z	-0.004	-0.004	0	%100
12	12	Z	-0.003	-0.003	0	%100
13	13	Z	-0.003	-0.003	0	%100
14	14	Z	-0.004	-0.004	0	%100
15	17	Z	-0.001	-0.001	0	%100
16	24	Z	-0.001	-0.001	0	%100
17	27	Z	-0.001	-0.001	0	%100
18	30	Z	-0.001	-0.001	0	%100
19	31	Z	-0.001	-0.001	0	%100
20	34	Z	-0.001	-0.001	0	%100
21	37	Z	-0.001	-0.001	0	%100
22	38	Z	-0.001	-0.001	0	%100
23	43	Z	-0.003	-0.003	0	%100
24	44	Z	-0.003	-0.003	0	%100
25	47	Z	-0.003	-0.003	0	%100
26	50	Z	-0.003	-0.003	0	%100

Member Distributed Loads (BLC 5 : 90 Wind - Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.004	-0.004	0	%100
2	2	X	-0.004	-0.004	0	%100
3	3	X	-0.004	-0.004	0	%100
4	4	X	-0.004	-0.004	0	%100
5	5	X	-0.004	-0.004	0	%100
6	6	X	-0.004	-0.004	0	%100
7	7	X	-0.004	-0.004	0	%100
8	8	X	-0.004	-0.004	0	%100
9	9	X	-0.003	-0.003	0	%100
10	10	X	-0.003	-0.003	0	%100
11	11	X	-0.004	-0.004	0	%100
12	12	X	-0.003	-0.003	0	%100
13	13	X	-0.003	-0.003	0	%100
14	14	X	-0.004	-0.004	0	%100

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Member Distributed Loads (BLC 5 : 90 Wind - Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
15	17	X	-0.001	-0.001	0	%100
16	24	X	-0.001	-0.001	0	%100
17	27	X	-0.001	-0.001	0	%100
18	30	X	-0.001	-0.001	0	%100
19	31	X	-0.001	-0.001	0	%100
20	34	X	-0.001	-0.001	0	%100
21	37	X	-0.001	-0.001	0	%100
22	38	X	-0.001	-0.001	0	%100
23	43	X	-0.003	-0.003	0	%100
24	44	X	-0.003	-0.003	0	%100
25	47	X	-0.003	-0.003	0	%100
26	50	X	-0.003	-0.003	0	%100

Member Distributed Loads (BLC 6 : 0 Wind - Service)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.001	-0.001	0	%100
2	2	Z	-0.001	-0.001	0	%100
3	3	Z	-0.001	-0.001	0	%100
4	4	Z	-0.001	-0.001	0	%100
5	5	Z	-0.001	-0.001	0	%100
6	6	Z	-0.001	-0.001	0	%100
7	7	Z	-0.0009	-0.0009	0	%100
8	8	Z	-0.0009	-0.0009	0	%100
9	9	Z	-0.0006	-0.0006	0	%100
10	10	Z	-0.0006	-0.0006	0	%100
11	11	Z	-0.0007	-0.0007	0	%100
12	12	Z	-0.0006	-0.0006	0	%100
13	13	Z	-0.0006	-0.0006	0	%100
14	14	Z	-0.0007	-0.0007	0	%100
15	17	Z	-0.0003	-0.0003	0	%100
16	24	Z	-0.0003	-0.0003	0	%100
17	27	Z	-0.0003	-0.0003	0	%100
18	30	Z	-0.0003	-0.0003	0	%100
19	31	Z	-0.0003	-0.0003	0	%100
20	34	Z	-0.0003	-0.0003	0	%100
21	37	Z	-0.0003	-0.0003	0	%100
22	38	Z	-0.0003	-0.0003	0	%100
23	43	Z	-0.0006	-0.0006	0	%100
24	44	Z	-0.0006	-0.0006	0	%100
25	47	Z	-0.0006	-0.0006	0	%100
26	50	Z	-0.0006	-0.0006	0	%100

Member Distributed Loads (BLC 7 : 90 Wind - Service)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.001	-0.001	0	%100
2	2	X	-0.001	-0.001	0	%100
3	3	X	-0.001	-0.001	0	%100
4	4	X	-0.001	-0.001	0	%100
5	5	X	-0.001	-0.001	0	%100
6	6	X	-0.001	-0.001	0	%100
7	7	X	-0.0009	-0.0009	0	%100
8	8	X	-0.0009	-0.0009	0	%100
9	9	X	-0.0006	-0.0006	0	%100

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Member Distributed Loads (BLC 7 : 90 Wind - Service) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
10	10	X	-0.0006	-0.0006	0	%100
11	11	X	-0.0007	-0.0007	0	%100
12	12	X	-0.0006	-0.0006	0	%100
13	13	X	-0.0006	-0.0006	0	%100
14	14	X	-0.0007	-0.0007	0	%100
15	17	X	-0.0003	-0.0003	0	%100
16	24	X	-0.0003	-0.0003	0	%100
17	27	X	-0.0003	-0.0003	0	%100
18	30	X	-0.0003	-0.0003	0	%100
19	31	X	-0.0003	-0.0003	0	%100
20	34	X	-0.0003	-0.0003	0	%100
21	37	X	-0.0003	-0.0003	0	%100
22	38	X	-0.0003	-0.0003	0	%100
23	43	X	-0.0006	-0.0006	0	%100
24	44	X	-0.0006	-0.0006	0	%100
25	47	X	-0.0006	-0.0006	0	%100
26	50	X	-0.0006	-0.0006	0	%100

Member Distributed Loads (BLC 8 : Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Y	-0.012	-0.012	0	%100
2	2	Y	-0.012	-0.012	0	%100
3	3	Y	-0.012	-0.012	0	%100
4	4	Y	-0.012	-0.012	0	%100
5	5	Y	-0.012	-0.012	0	%100
6	6	Y	-0.012	-0.012	0	%100
7	7	Y	-0.017	-0.017	0	%100
8	8	Y	-0.017	-0.017	0	%100
9	9	Y	-0.009	-0.009	0	%100
10	10	Y	-0.009	-0.009	0	%100
11	11	Y	-0.009	-0.009	0	%100
12	12	Y	-0.009	-0.009	0	%100
13	13	Y	-0.009	-0.009	0	%100
14	14	Y	-0.009	-0.009	0	%100
15	17	Y	-0.009	-0.009	0	%100
16	24	Y	-0.008	-0.008	0	%100
17	27	Y	-0.008	-0.008	0	%100
18	30	Y	-0.008	-0.008	0	%100
19	31	Y	-0.008	-0.008	0	%100
20	34	Y	-0.008	-0.008	0	%100
21	37	Y	-0.008	-0.008	0	%100
22	38	Y	-0.008	-0.008	0	%100
23	43	Y	-0.008	-0.008	0	%100
24	44	Y	-0.008	-0.008	0	%100
25	47	Y	-0.008	-0.008	0	%100
26	50	Y	-0.008	-0.008	0	%100

Member Distributed Loads (BLC 9 : 0 Seismic)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.002	-0.002	0	%100
2	2	Z	-0.002	-0.002	0	%100
3	3	Z	-0.002	-0.002	0	%100
4	4	Z	-0.002	-0.002	0	%100



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Member Distributed Loads (BLC 9 : 0 Seismic) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
5	5	Z	-0.002	-0.002	0	%100
6	6	Z	-0.002	-0.002	0	%100
7	7	Z	-0.006	-0.006	0	%100
8	8	Z	-0.006	-0.006	0	%100
9	9	Z	-0.001	-0.001	0	%100
10	10	Z	-0.001	-0.001	0	%100
11	11	Z	-0.001	-0.001	0	%100
12	12	Z	-0.001	-0.001	0	%100
13	13	Z	-0.001	-0.001	0	%100
14	14	Z	-0.001	-0.001	0	%100
15	17	Z	-0.003	-0.003	0	%100
16	24	Z	-0.002	-0.002	0	%100
17	27	Z	-0.002	-0.002	0	%100
18	30	Z	-0.002	-0.002	0	%100
19	31	Z	-0.002	-0.002	0	%100
20	34	Z	-0.002	-0.002	0	%100
21	37	Z	-0.002	-0.002	0	%100
22	38	Z	-0.002	-0.002	0	%100
23	43	Z	-0.0008	-0.0008	0	%100
24	44	Z	-0.0008	-0.0008	0	%100
25	47	Z	-0.0008	-0.0008	0	%100
26	50	Z	-0.0008	-0.0008	0	%100

Member Distributed Loads (BLC 10 : 90 Seismic)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.002	-0.002	0	%100
2	2	X	-0.002	-0.002	0	%100
3	3	X	-0.002	-0.002	0	%100
4	4	X	-0.002	-0.002	0	%100
5	5	X	-0.002	-0.002	0	%100
6	6	X	-0.002	-0.002	0	%100
7	7	X	-0.006	-0.006	0	%100
8	8	X	-0.006	-0.006	0	%100
9	9	X	-0.001	-0.001	0	%100
10	10	X	-0.001	-0.001	0	%100
11	11	X	-0.001	-0.001	0	%100
12	12	X	-0.001	-0.001	0	%100
13	13	X	-0.001	-0.001	0	%100
14	14	X	-0.001	-0.001	0	%100
15	17	X	-0.003	-0.003	0	%100
16	24	X	-0.002	-0.002	0	%100
17	27	X	-0.002	-0.002	0	%100
18	30	X	-0.002	-0.002	0	%100
19	31	X	-0.002	-0.002	0	%100
20	34	X	-0.002	-0.002	0	%100
21	37	X	-0.002	-0.002	0	%100
22	38	X	-0.002	-0.002	0	%100
23	43	X	-0.0008	-0.0008	0	%100
24	44	X	-0.0008	-0.0008	0	%100
25	47	X	-0.0008	-0.0008	0	%100
26	50	X	-0.0008	-0.0008	0	%100

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



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Node Loads and Enforced Displacements (BLC 11 : Live Load a)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	36	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 12 : Live Load b)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	46	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 13 : Live Load c)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	52	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 14 : Live Load d)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	60	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 39 : Live Load e)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	40	L	Y	-0.5

Basic Load Cases

	BLC Description	Category	Y Gravity	Nodal	Point	Distributed
1	Dead	DL	-1		25	
2	0 Wind - No Ice	WLZ			25	26
3	90 Wind - No Ice	WLX			25	26
4	0 Wind - Ice	WLZ			25	26
5	90 Wind - Ice	WLX			25	26
6	0 Wind - Service	WLZ			25	26
7	90 Wind - Service	WLX			25	26
8	Ice	OL1			25	26
9	0 Seismic	ELZ			25	26
10	90 Seismic	ELX			25	26
11	Live Load a	LL		1		
12	Live Load b	LL		1		
13	Live Load c	LL		1		
14	Live Load d	LL		1		
15	Maint LL 1	LL			1	
16	Maint LL 2	LL			1	
17	Maint LL 3	LL			1	
18	Maint LL 4	LL			1	
19	Maint LL 5	LL			1	
20	Maint LL 6	LL			1	
21	Maint LL 7	LL				
22	Maint LL 8	LL				
23	Maint LL 9	LL				
24	Maint LL 10	LL				
25	Maint LL 11	LL				
26	Maint LL 12	LL				
27	Maint LL 13	LL				
28	Maint LL 14	LL				



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Basic Load Cases (Continued)

	BLC Description	Category	Y Gravity	Nodal	Point	Distributed
29	Maint LL 15	LL				
30	Maint LL 16	LL				
31	Maint LL 17	LL				
32	Maint LL 18	LL				
33	Maint LL 19	LL				
34	Maint LL 20	LL				
35	Maint LL 21	LL				
36	Maint LL 22	LL				
37	Maint LL 23	LL				
38	Maint LL 24	LL				
39	Live Load e	LL		1		

Load Combinations

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	1.4 Dead	Yes	Y	1	1.4						
2	1.2 D + 1.0 - 0 W	Yes	Y	1	1.2	2	1				
3	1.2 D + 1.0 - 30 W	Yes	Y	1	1.2	2	0.866	3	0.5		
4	1.2 D + 1.0 - 60 W	Yes	Y	1	1.2	3	0.866	2	0.5		
5	1.2 D + 1.0 - 90 W	Yes	Y	1	1.2	3	1				
6	1.2 D + 1.0 - 120 W	Yes	Y	1	1.2	3	0.866	2	-0.5		
7	1.2 D + 1.0 - 150 W	Yes	Y	1	1.2	2	-0.866	3	0.5		
8	1.2 D + 1.0 - 180 W	Yes	Y	1	1.2	2	-1				
9	1.2 D + 1.0 - 210 W	Yes	Y	1	1.2	2	-0.866	3	-0.5		
10	1.2 D + 1.0 - 240 W	Yes	Y	1	1.2	3	-0.866	2	-0.5		
11	1.2 D + 1.0 - 270 W	Yes	Y	1	1.2	3	-1				
12	1.2 D + 1.0 - 300 W	Yes	Y	1	1.2	3	-0.866	2	0.5		
13	1.2 D + 1.0 - 330 W	Yes	Y	1	1.2	2	0.866	3	-0.5		
14	1.2 D + 1.0 - 0 W/Ice	Yes	Y	1	1.2	4	1			8	1
15	1.2 D + 1.0 - 30 W/Ice	Yes	Y	1	1.2	4	0.866	5	0.5	8	1
16	1.2 D + 1.0 - 60 W/Ice	Yes	Y	1	1.2	5	0.866	4	0.5	8	1
17	1.2 D + 1.0 - 90 W/Ice	Yes	Y	1	1.2	5	1			8	1
18	1.2 D + 1.0 - 120 W/Ice	Yes	Y	1	1.2	5	0.866	4	-0.5	8	1
19	1.2 D + 1.0 - 150 W/Ice	Yes	Y	1	1.2	4	-0.866	5	0.5	8	1
20	1.2 D + 1.0 - 180 W/Ice	Yes	Y	1	1.2	4	-1			8	1
21	1.2 D + 1.0 - 210 W/Ice	Yes	Y	1	1.2	4	-0.866	5	-0.5	8	1
22	1.2 D + 1.0 - 240 W/Ice	Yes	Y	1	1.2	5	-0.866	4	-0.5	8	1
23	1.2 D + 1.0 - 270 W/Ice	Yes	Y	1	1.2	5	-1			8	1
24	1.2 D + 1.0 - 300 W/Ice	Yes	Y	1	1.2	5	-0.866	4	0.5	8	1
25	1.2 D + 1.0 - 330 W/Ice	Yes	Y	1	1.2	4	0.866	5	-0.5	8	1
26	1.2 D + 1.0 E - 0	Yes	Y	1	1.2	9	1				
27	1.2 D + 1.0 E - 30	Yes	Y	1	1.2	9	0.866	10	0.5		
28	1.2 D + 1.0 E - 60	Yes	Y	1	1.2	10	0.866	9	0.5		
29	1.2 D + 1.0 E - 90	Yes	Y	1	1.2	10	1				
30	1.2 D + 1.0 E - 120	Yes	Y	1	1.2	10	0.866	9	-0.5		
31	1.2 D + 1.0 E - 150	Yes	Y	1	1.2	9	-0.866	10	0.5		
32	1.2 D + 1.0 E - 180	Yes	Y	1	1.2	9	-1				
33	1.2 D + 1.0 E - 210	Yes	Y	1	1.2	9	-0.866	10	-0.5		
34	1.2 D + 1.0 E - 240	Yes	Y	1	1.2	10	-0.866	9	-0.5		
35	1.2 D + 1.0 E - 270	Yes	Y	1	1.2	10	-1				
36	1.2 D + 1.0 E - 300	Yes	Y	1	1.2	10	-0.866	9	0.5		
37	1.2 D + 1.0 E - 330	Yes	Y	1	1.2	9	0.866	10	-0.5		
38	1.2 D + 1.5 LL a + Service - 0 W	Yes	Y	1	1.2	6	1			11	1.5
39	1.2 D + 1.5 LL a + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	11	1.5
40	1.2 D + 1.5 LL a + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	11	1.5
41	1.2 D + 1.5 LL a + Service - 90 W	Yes	Y	1	1.2	7	1			11	1.5

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
42	1.2 D + 1.5 LL a + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	11	1.5
43	1.2 D + 1.5 LL a + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	11	1.5
44	1.2 D + 1.5 LL a + Service - 180 W	Yes	Y	1	1.2	6	-1			11	1.5
45	1.2 D + 1.5 LL a + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	11	1.5
46	1.2 D + 1.5 LL a + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	11	1.5
47	1.2 D + 1.5 LL a + Service - 270 W	Yes	Y	1	1.2	7	-1			11	1.5
48	1.2 D + 1.5 LL a + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	11	1.5
49	1.2 D + 1.5 LL a + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	11	1.5
50	1.2 D + 1.5 LL b + Service - 0 W	Yes	Y	1	1.2	6	1			12	1.5
51	1.2 D + 1.5 LL b + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	12	1.5
52	1.2 D + 1.5 LL b + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	12	1.5
53	1.2 D + 1.5 LL b + Service - 90 W	Yes	Y	1	1.2	7	1			12	1.5
54	1.2 D + 1.5 LL b + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	12	1.5
55	1.2 D + 1.5 LL b + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	12	1.5
56	1.2 D + 1.5 LL b + Service - 180 W	Yes	Y	1	1.2	6	-1			12	1.5
57	1.2 D + 1.5 LL b + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	12	1.5
58	1.2 D + 1.5 LL b + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	12	1.5
59	1.2 D + 1.5 LL b + Service - 270 W	Yes	Y	1	1.2	7	-1			12	1.5
60	1.2 D + 1.5 LL b + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	12	1.5
61	1.2 D + 1.5 LL b + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	12	1.5
62	1.2 D + 1.5 LL c + Service - 0 W	Yes	Y	1	1.2	6	1			13	1.5
63	1.2 D + 1.5 LL c + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	13	1.5
64	1.2 D + 1.5 LL c + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	13	1.5
65	1.2 D + 1.5 LL c + Service - 90 W	Yes	Y	1	1.2	7	1			13	1.5
66	1.2 D + 1.5 LL c + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	13	1.5
67	1.2 D + 1.5 LL c + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	13	1.5
68	1.2 D + 1.5 LL c + Service - 180 W	Yes	Y	1	1.2	6	-1			13	1.5
69	1.2 D + 1.5 LL c + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	13	1.5
70	1.2 D + 1.5 LL c + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	13	1.5
71	1.2 D + 1.5 LL c + Service - 270 W	Yes	Y	1	1.2	7	-1			13	1.5
72	1.2 D + 1.5 LL c + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	13	1.5
73	1.2 D + 1.5 LL c + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	13	1.5
74	1.2 D + 1.5 LL d + Service - 0 W	Yes	Y	1	1.2	6	1			14	1.5
75	1.2 D + 1.5 LL d + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	14	1.5
76	1.2 D + 1.5 LL d + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	14	1.5
77	1.2 D + 1.5 LL d + Service - 90 W	Yes	Y	1	1.2	7	1			14	1.5
78	1.2 D + 1.5 LL d + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	14	1.5
79	1.2 D + 1.5 LL d + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	14	1.5
80	1.2 D + 1.5 LL d + Service - 180 W	Yes	Y	1	1.2	6	-1			14	1.5
81	1.2 D + 1.5 LL d + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	14	1.5
82	1.2 D + 1.5 LL d + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	14	1.5
83	1.2 D + 1.5 LL d + Service - 270 W	Yes	Y	1	1.2	7	-1			14	1.5
84	1.2 D + 1.5 LL d + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	14	1.5
85	1.2 D + 1.5 LL d + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	14	1.5
86	1.2 D + 1.5 LL Maint (1)	Yes	Y	1	1.2					15	1.5
87	1.2 D + 1.5 LL Maint (2)	Yes	Y	1	1.2					16	1.5
88	1.2 D + 1.5 LL Maint (3)	Yes	Y	1	1.2					17	1.5
89	1.2 D + 1.5 LL Maint (4)	Yes	Y	1	1.2					18	1.5
90	1.2 D + 1.5 LL Maint (5)	Yes	Y	1	1.2					19	1.5
91	1.2 D + 1.5 LL Maint (6)	Yes	Y	1	1.2					20	1.5
92	1.2 D + 1.5 LL Maint (7)	Yes	Y	1	1.2					21	1.5
93	1.2 D + 1.5 LL Maint (8)	Yes	Y	1	1.2					22	1.5
94	1.2 D + 1.5 LL Maint (9)	Yes	Y	1	1.2					23	1.5
95	1.2 D + 1.5 LL Maint (10)	Yes	Y	1	1.2					24	1.5
96	1.2 D + 1.5 LL Maint (11)	Yes	Y	1	1.2					25	1.5

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 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
97	1.2 D + 1.5 LL Maint (12)	Yes	Y	1	1.2					26	1.5
98	1.2 D + 1.5 LL Maint (13)	Yes	Y	1	1.2					27	1.5
99	1.2 D + 1.5 LL Maint (14)	Yes	Y	1	1.2					28	1.5
100	1.2 D + 1.5 LL Maint (15)	Yes	Y	1	1.2					29	1.5
101	1.2 D + 1.5 LL Maint (16)	Yes	Y	1	1.2					30	1.5
102	1.2 D + 1.5 LL Maint (17)	Yes	Y	1	1.2					31	1.5
103	1.2 D + 1.5 LL Maint (18)	Yes	Y	1	1.2					32	1.5
104	1.2 D + 1.5 LL Maint (19)	Yes	Y	1	1.2					33	1.5
105	1.2 D + 1.5 LL Maint (20)	Yes	Y	1	1.2					34	1.5
106	1.2 D + 1.5 LL Maint (21)	Yes	Y	1	1.2					35	1.5
107	1.2 D + 1.5 LL Maint (22)	Yes	Y	1	1.2					36	1.5
108	1.2 D + 1.5 LL Maint (23)	Yes	Y	1	1.2					37	1.5
109	1.2 D + 1.5 LL Maint (24)	Yes	Y	1	1.2					38	1.5
110	1.2 D + 1.5 LL e + Service - 0 W	Yes	Y	1	1.2	6	1			39	1.5
111	1.2 D + 1.5 LL e + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	39	1.5
112	1.2 D + 1.5 LL e + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	39	1.5
113	1.2 D + 1.5 LL e + Service - 90 W	Yes	Y	1	1.2	7	1			39	1.5
114	1.2 D + 1.5 LL e + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	39	1.5
115	1.2 D + 1.5 LL e + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	39	1.5
116	1.2 D + 1.5 LL e + Service - 180 W	Yes	Y	1	1.2	6	-1			39	1.5
117	1.2 D + 1.5 LL e + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	39	1.5
118	1.2 D + 1.5 LL e + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	39	1.5
119	1.2 D + 1.5 LL e + Service - 270 W	Yes	Y	1	1.2	7	-1			39	1.5
120	1.2 D + 1.5 LL e + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	39	1.5
121	1.2 D + 1.5 LL e + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	39	1.5

Envelope Node Reactions

Node Label	X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1 97 max	0.755	12	0.043	24	1.131	6	0	121	0	121	0	121
2 min	-0.769	6	0.013	6	-1.121	12	0	1	0	1	0	1
3 103 max	1.201	5	2.199	19	0.846	2	0.763	8	1.198	5	0.455	5
4 min	-2.066	11	0.649	13	-3.302	20	-0.698	2	-1.445	11	-0.621	11
5 105 max	1.835	5	2.107	25	3.246	25	0.669	13	1.136	5	0.523	11
6 min	-0.948	11	0.625	7	-0.562	7	-0.576	7	-0.962	11	-0.7	5
7 Totals: max	2.315	5	4.311	18	2.821	2						
8 min	-2.315	11	1.493	12	-2.821	8						

Envelope AISC 15TH (360-16): LRFD Member Steel Code Checks

Member	Shape	Code Check	Loc [ft]	LC	Shear Check	Loc [ft]	Dir	LC	phi*Pnc [k]	phi*Pnt [k]	phi*Mn y-y [k-ft]	phi*Mn z-z [k-ft]	Cb	Eqn
1 1	L3X3X4	0.593	10.512	8	0.069	1.947	z	13	4.981	64.8	2.345	3.34	1.5	H2-1
2 2	L3X3X4	0.559	1.947	6	0.063	0.649	z	6	4.981	64.8	2.345	3.34	1.5	H2-1
3 3	L3X3X3	0.385	0.955	18	0.058	4.585	z	18	24.382	49.05	1.833	3.341	1.5	H2-1
4 4	L3X3X3	0.459	0.955	24	0.051	4.585	y	18	24.382	49.05	1.833	3.341	1.5	H2-1
5 5	L3X3X3	0.608	0.955	22	0.097	4.585	y	24	24.382	49.05	1.638	3.341	1.5	H2-1
6 6	L3X3X3	0.714	0.955	25	0.094	4.585	z	24	24.382	49.05	1.833	3.341	1.5	H2-1
7 7	L6X4X6	0.22	0.656	23	0.325	0.656	z	23	106.459	116.964	5.109	14.731	1.428	H2-1
8 8	L6X4X6	0.204	0.656	14	0.301	0.656	y	15	106.459	116.964	5.109	15.351	1.45	H2-1
9 9	L2X2X3	0.095	1.75	18	0.06	3	y	20	17.369	32.49	0.775	1.575	1.461	H2-1
10 10	L2X2X3	0.099	2.75	23	0.032	3	y	11	17.369	32.49	0.775	1.583	1.5	H2-1
11 11	L2X2X3	0.119	2.01	23	0.005	4.021	z	8	10.602	32.49	0.775	1.379	1.136	H2-1
12 12	L2X2X3	0.165	1.25	14	0.031	0	z	5	17.369	32.49	0.775	1.583	1.5	H2-1
13 13	L2X2X3	0.212	0.75	12	0.024	0	y	12	17.369	32.49	0.775	1.534	1.288	H2-1
14 14	L2X2X3	0.172	2.01	16	0.007	4.021	z	23	10.602	32.49	0.775	1.379	1.136	H2-1



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

5/4/2022
 3:17:53 PM
 Checked By : _____

Envelope AISI 15TH (360-16): LRFD Member Steel Code Checks (Continued)

Member	Shape	Code	Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	ϕ^*P_n [k]	ϕ^*P_t [k]	ϕ^*M_n y-y [k-ft]	ϕ^*M_n z-z [k-ft]	Cb	Eqn
15	17	PIPE 2.5	0.408	1	6	0.442	1	11	37.774	50.715	3.596	3.596	1	H3-6		
16	24	PIPE 2.0	0.102	6	41	0.094	3	12	14.916	32.13	1.872	1.872	1	H1-1b		
17	27	PIPE 2.0	0.474	3	8	0.138	3	13	14.916	32.13	1.872	1.872	1	H1-1b		
18	30	PIPE 2.0	0.206	3	13	0.046	6	11	14.916	32.13	1.872	1.872	1	H1-1b		
19	31	PIPE 2.0	0.321	3	8	0.102	3	13	14.916	32.13	1.872	1.872	1	H1-1b		
20	34	PIPE 2.0	0.21	5.5	72	0.074	2.5	64	14.916	32.13	1.872	1.872	1	H1-1b		
21	37	PIPE 2.0	0.252	3.49	12	0.239	3.958	12	23.809	32.13	1.872	1.872	1	H1-1b		
22	38	PIPE 2.0	0.079	0	6	0.004	7.028	22	17.772	32.13	1.872	1.872	1	H1-1b*		

Envelope AISI S100-16: LRFD Member Cold Formed Steel Code Checks

Member	Shape	Code	Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	ϕ^*P_n [k]	ϕ^*T_n [k]	ϕ^*M_{ny} [k-ft]	ϕ^*M_{nz} [k-ft]	ϕ^*V_n [k]	ϕ^*V_{nz} [k]	Cb	Eqn
1	43	P1000	0.077	2.812	23	0.012	2.812	y 23	14.502	15.355	0.431	0.676	2.36	4.72	2.532	H1.2-1		
2	44	P1000	0.041	2.812	23	0.014	2.812	y 42	8.555	15.355	0.432	0.676	2.36	4.72	2.077	H2-1		
3	47	P1000	0.234	0.75	12	0.072	2.25	y 11	14.502	15.355	0.423	0.676	2.36	4.72	1.901	H1.2-1		
4	50	P1000	0.241	2.25	12	0.07	2.812	y 17	14.502	15.355	0.423	0.676	2.36	4.72	1.462	H1.2-1		

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)

APPENDIX B

Additional Calculations

PROJECT	160864.001.01 - Casady Square, OK	KSC
SUBJECT	Sector Mount Analysis	
DATE	05/04/22	

**B+T Group**

1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Tower Type	:	Other		
Ground Elevation	z_s :	1217	ft	[ASCE7 Hazard Tool]
Tower Height	:	129.00	ft	
Mount Elevation	:	70.00	ft	
Antenna Elevation	:	70.00	ft	
Crest Height	:	0	ft	
Risk Category	:	II		[Table 2-1]
Exposure Category	:	C		[Sec. 2.6.5.1.2]
Topography Category	:	1.00		[Sec. 2.6.6.2]
Wind Velocity	V :	109	mph	[ASCE7 Hazard Tool]
Ice wind Velocity	V_i :	40	mph	[ASCE7 Hazard Tool]
Service Velocity	V_s :	30	mph	[ASCE7 Hazard Tool]
Base Ice thickness	t_i :	1.50	in	[ASCE7 Hazard Tool]
Seismic Design Cat.	:	B		[ASCE7 Hazard Tool]
	S_S :	0.31		
	S_1 :	0.08		
	S_{DS} :	0.32		
	S_{D1} :	0.13		
Gust Factor	G_h :	1.00		[Sec. 16.6]
Pressure Coefficient	K_z :	1.17		[Sec. 2.6.5.2]
Topography Factor	K_{zt} :	1.00		[Sec. 2.6.6]
Elevation Factor	K_e :	0.96		[Sec. 2.6.8]
Directionality Factor	K_d :	0.95		[Sec. 16.6]
Shielding Factor	K_a :	0.90		[Sec. 16.6]
Design Ice Thickness	t_{iz} :	1.62	in	[Sec. 2.6.10]
Importance Factor	I_e :	1		[Table 2-3]
Response Coefficient	C_s :	0.158		[Sec. 2.7.7.1]
Amplification	A_s :	3		[Sec. 16.7]
	q_z :	32.46	psf	

PROJECT	160864.001.01 - Casady Square, OK	KSC
SUBJECT	Sector Mount Analysis	
DATE	05/04/22	

**B+T Group**

1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

B+T GRP

Manufacturer	Model	Qty	Height (in ²)	Width (in ²)	Depth (in ²)	Weight (lbs)	C _a A _a (N) (ft ²)	C _a A _a (T) (ft ²)	C _a A _a (N) Ice (ft ²)	C _a A _a (T) Ice (ft ²)	F _A (N) (k)	F _A (T) (k)	F _A (N) Ice (k)	F _A (T) Ice (k)
KATHREIN	80010799	0.5	106.0	14.8	6.7	108.0	4.99	2.26	6.18	3.37	0.16	0.07	0.03	0.01
KATHREIN	80010799	0.5					4.99	2.26	6.18	3.37	0.16	0.07	0.03	0.01
ERICSSON	RRUS-32 B2	1	27.2	12.1	7.0	52.9	2.73	1.67	3.88	2.73	0.08	0.05	0.01	0.01
ERICSSON	RRUS-32 B66A	2	27.2	7.0	12.1	53.0	3.34	5.49	5.46	7.78	0.10	0.17	0.01	0.02
ERICSSON	TME-RRUS 4478 B14	1	16.5	13.4	7.7	59.9	1.84	1.06	2.74	1.80	0.05	0.03	0.01	0.00
ERICSSON	AIR6449 N77	0.5	32.2	15.9	8.1	73.6	2.14	1.15	2.83	1.77	0.06	0.03	0.01	0.00
ERICSSON	AIR6449 N77	0.5					2.14	1.15	2.83	1.77	0.06	0.03	0.01	0.00
ERICSSON	AIR6419 N77G	0.5	32.2	15.9	8.1	73.6	2.14	1.15	2.83	1.77	0.06	0.03	0.01	0.00
ERICSSON	AIR6419 N77G	0.5	32.2	15.9	8.1	73.6	2.14	1.15	2.83	1.77	0.06	0.03	0.01	0.00
CCI ANTENNAS	TPA65R-BU8D	0.5	96.0	21.0	7.8	87.5	7.96	2.99	9.40	4.27	0.26	0.10	0.04	0.02
CCI ANTENNAS	TPA65R-BU8D	0.5					7.96	2.99	9.40	4.27	0.26	0.10	0.04	0.02
ERICSSON	4449 B5/B12	1	15.0	10.4	13.2	73.0	1.30	1.64	2.07	2.49	0.04	0.05	0.01	0.01
ERICSSON	RRUS-32 B30	1	29.9	9.5	13.3	77.0	2.42	3.31	3.60	4.57	0.07	0.10	0.01	0.01
RAYCAP	DC9-48-60-24-PC16-EV	1	31.4	10.2	18.3	26.2	2.74	4.78	3.97	6.21	0.08	0.14	0.01	0.02

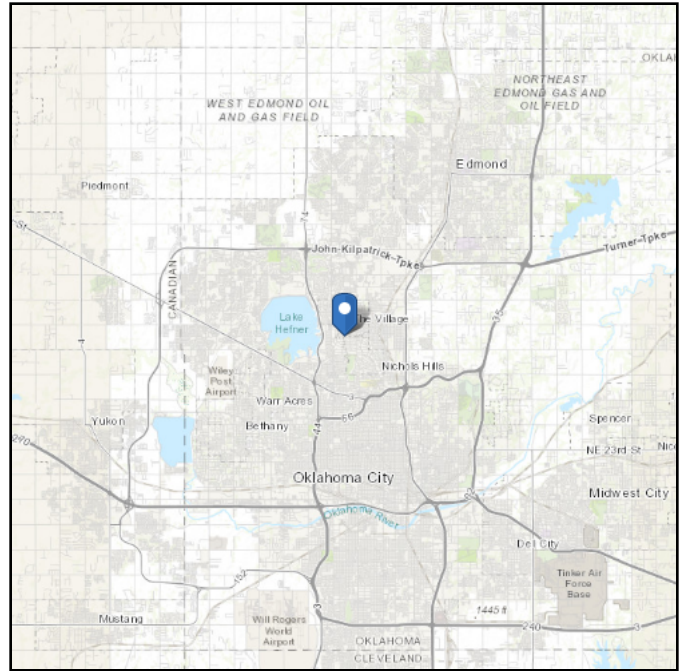
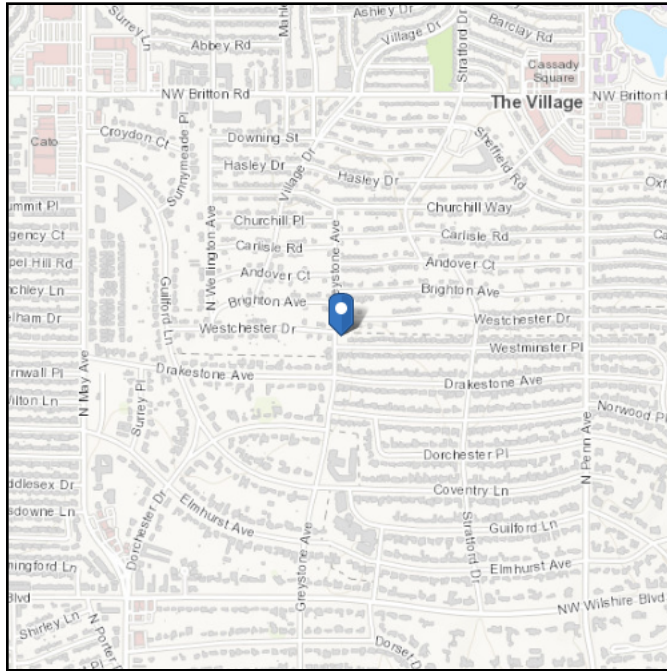


ASCE 7 Hazards Report

Address:
No Address at This
Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see
Section 11.4.3)

Elevation: 1216.91 ft (NAVD 88)
Latitude: 35.558642
Longitude: -97.558022



Wind

Results:

Wind Speed	109 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	88 Vmph
100-year MRI	94 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Wed May 04 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

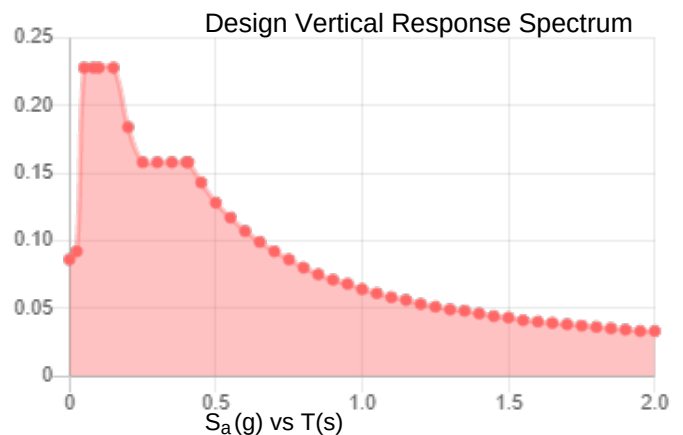
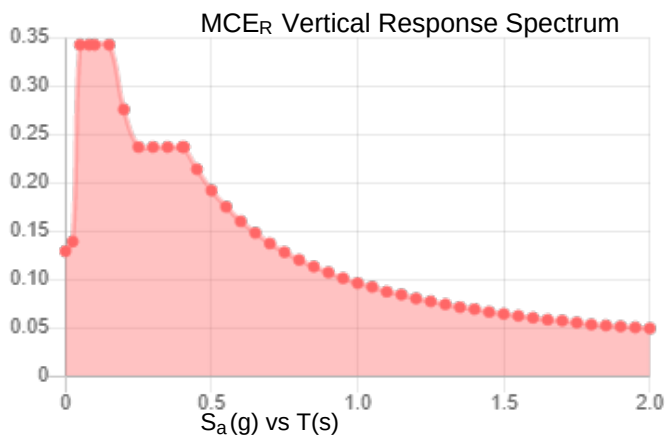
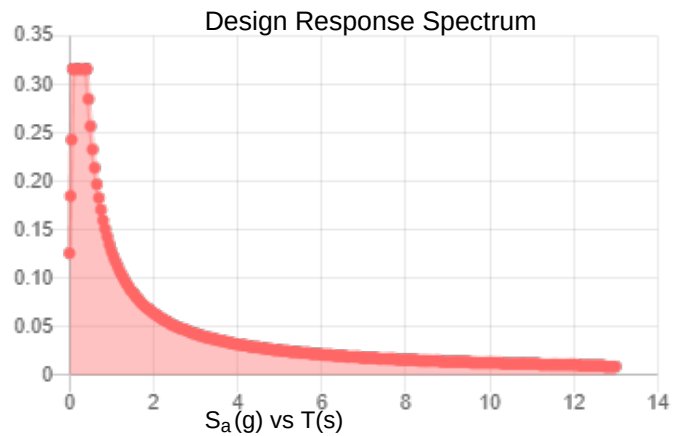
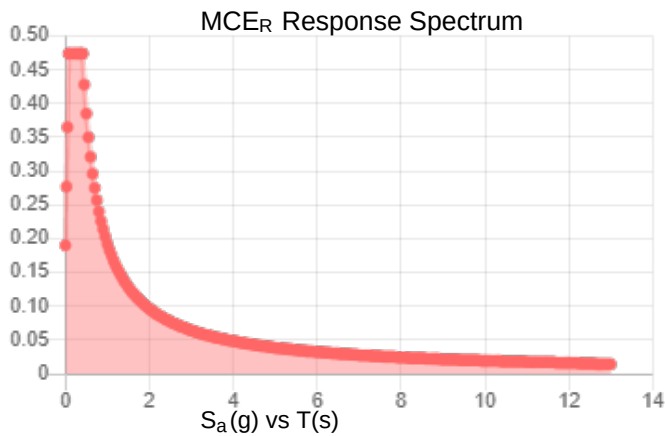
Site is not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_S :	0.305	S_{D1} :	0.128
S_1 :	0.08	T_L :	12
F_a :	1.556	PGA :	0.183
F_v :	2.4	PGA _M :	0.262
S_{MS} :	0.474	F_{PGA} :	1.434
S_{M1} :	0.192	I_e :	1
S_{DS} :	0.316	C_v :	0.903

Seismic Design Category B



Data Accessed: Wed May 04 2022

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.



Ice

Results:

Ice Thickness: 1.50 in.

Concurrent Temperature: 5 F

Gust Speed 40 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Wed May 04 2022

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided "as is" and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

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February 21, 2022

Hazel Mauro
Nexius Solutions, INC.
1025 South Beltline Rd.,
Coppell, TX 75019
(913) 710-3999

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587- 4630
btwo@btgrp.com

Subject: Appurtenance Mount Analysis Report

Carrier Designation: **Site Number:** OKL01652
Site Name: Casady Square
FA Number: 10097837
PACE Number: MROAR040133 MROAR038805
MROAR038810 MROAR038811
MROAR038897

Engineering Firm Designation: **B+T Group Project Number:** 160864.001.01

Site Data: 1849 East Westminster Place, Oklahoma City, OK, 73120, Oklahoma County
Latitude 35.55864°, Longitude -97.55802°
Water Tank
(3) 12.5 ft. Sector Mount

Dear Mr. Mauro,

B+T Group is pleased to submit this “**Appurtenance Mount Analysis Report**” to determine the structural integrity of the antenna mount on the above-mentioned structure.

The purpose of the analysis is to determine acceptability of the mount’s stress level. Based on our analysis we have determined the stress level for the mount under the following load case to be:

Existing + Proposed Equipment

Note: See Table 1 for the final loading configuration

**Insufficient Capacity
(Failing at 121.9%)**

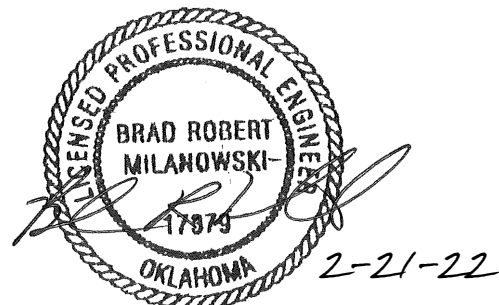
The analysis has been performed in accordance with the ANSI/TIA-222-G Standard. This analysis utilizes an ultimate 3-second gust wind speed of 115 mph (converted to an equivalent 89 mph nominal 3-second gust wind speed per Section 1609.3.1 for use with ANSI/TIA-222 G) as required by the 2015 International Building Code. Exposure Category C and Risk Category II were used in this analysis.

All the equipment proposed in this report shall be installed in accordance with the drawings for the determined available structural capacity to be effective.

We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Nexius. If you have any questions or need further assistance on this or any other projects, please give us a call.

Mount structural analysis prepared by: Matthew Williams

Respectfully submitted by: B&T Engineering, Inc.
COA: CA 3590 (PE) Expires: 06/30/2022



Brad R. Milanowski, P.E.

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2) ANALYSIS CRITERIA

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3.2) Assumptions

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RISA-3D Output

1) INTRODUCTION

The appurtenance mount consists of sector mount designed by Sabre (Part #C10152269) at 70 ft., attached to water tank at 1849 East Westminster Place, Oklahoma City, OK, 73120, Oklahoma County. The proposed antenna loading information was obtained from Nexus. All information provided to B+T Group was assumed accurate and complete.

2) ANALYSIS CRITERIA

The structural analysis was performed for this mount in accordance with the ANSI/TIA-222-G-2-2005 Structural Standard for Antenna Supporting Structures and Antennas – Addendum 2 using a 3-second gust wind speed of 89 mph with no ice and 40 mph with 0.75 inch escalated ice thickness. Exposure Category C & Topographic Category 1 and Risk Category II were used in this analysis. In addition, the sector mount has been analyzed for various live loading conditions consisting of a 250-lb man live load applied individually at the midpoint and cantilevered ends of horizontal members as well as a 500-pound man live load applied individually at mount pipe locations using a 3-second gust of 30 mph. The mount was analyzed under 30° increments in the wind direction. The analyzed loading is detailed in Table 1.

Table 1 – Proposed and Existing Equipment Information

Loading	RAD Center Elev. (ft.)	Position	Qty.	Manufacturer	Model / Type	Note
Proposed	70	3	3	Ericsson	AIR6449 N77	1
			3	Ericsson	AIR6419 N77G	
		4	3	CCI	TPA65R-BU8D	
			3	Ericsson	4449 B5/B12	2
		-	3	Raycap	DC9-48-60-24-PC16-EV	3
Existing	70	1	6	Kathrein	80010799	4
			3	Ericsson	RRUS-32 B2	
			6	Ericsson	RRUS-32 B66A	
		-	3	Ericsson	4478 B14	
		4	3	Ericsson	RRUS-32 B30	

Note:

- (1) Proposed Antenna to be installed on the Mount Pipe.
- (2) Proposed Equipment to be installed side by side with RRUS Support, directly behind the Antenna.
- (3) Proposed Equipment to be installed on Mount
- (4) Existing Equipment installed on the Mount.

Table 2 – Documents Provided

Documents	Remarks	Reference	Source
RFDS	Existing Loading Proposed Loading	Date: 12/27/2021	Nexus
Previous MA	NB+C Engineering Services	Date: 12/15/2017	Nexus

3) ANALYSIS PROCEDURE

3.1) Analysis Method

RISA-3D (Version 19.0.4), a commercially available analysis software package, was used to create a three-dimensional model of the mount and calculate member stresses and deflections for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1. The mount was built in accordance with the manufacturer's specifications.
2. The mount has been maintained in accordance with the manufacturer's specifications and is free of damage.
3. The configuration of antennas and other appurtenances are as specified in Table 1.
4. All mount components have been assumed to be in sufficient condition to carry their full design capacity for the analysis.
5. Mount area and weights are determined from field measurements, standard material properties, and/or manufacturer product data.

The following assumptions have been included in the analysis of the mount:

Component	Section	Length	Note
Antenna Mount Pipes	2" STD Pipe	8'-0"	In Positions 1,2,3,4,6
	2" STD Pipe	5'-0"	In Positions 5
Unistruts	P1000	-	V-Frames

6. Serviceability with respect to antenna twist, tilt, roll or lateral translation is not checked and is left to the carrier or tower owner to ensure conformance.
7. All prior structural modifications, if any are assumed to be correctly installed and fully effective.
8. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
9. The following material grades were assumed (Unless Noted Otherwise):
 - a) Connection Bolts : ASTM A325
 - b) Steel Pipe : ASTM A53 (GR. 35)
 - c) HSS (Round) : ASTM 500 (GR. B-42)
 - d) HSS (Rectangular) : ASTM 500 (GR. B-46)
 - e) Channel : ASTM A36 (GR. 36)
 - f) Steel Solid Rod : ASTM A36 (GR. 36)
 - g) Steel Plate : ASTM A36 (GR. 36)
 - h) Steel Angle : ASTM A36 (GR. 36)
 - i) UNISTRUT : ASTM A570 (GR. 33)

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the antenna mounting system.

4) ANALYSIS RESULTS

Table 3 – Mount Component Stresses vs. Capacity

Notes	Component	Elevation (ft.)	% Capacity	Pass / Fail
-	Support Angles	70	87.1	Pass
-	Connection Angles	70	38.2	Pass
-	Verticals	70	27.5	Pass
-	Diagonals	70	19.9	Pass
-	Face Horizontals	70	121.9	Fail
-	Tieback	70	13.7	Pass
-	Vertical Support Pipe	70	93.7	Pass
-	Unistruts	70	34.1	Pass

5) RECOMMENDATIONS

The sector mount does not have sufficient capacity to carry the existing and proposed loads. The mount will need to be reinforced to bring the mount into compliance with the ANSI/TIA-222-H standard. The following members have exceeded their load carrying capacity for the existing and proposed loading (Refer to the RISA output for the specific members):

- a) Face Horizontals

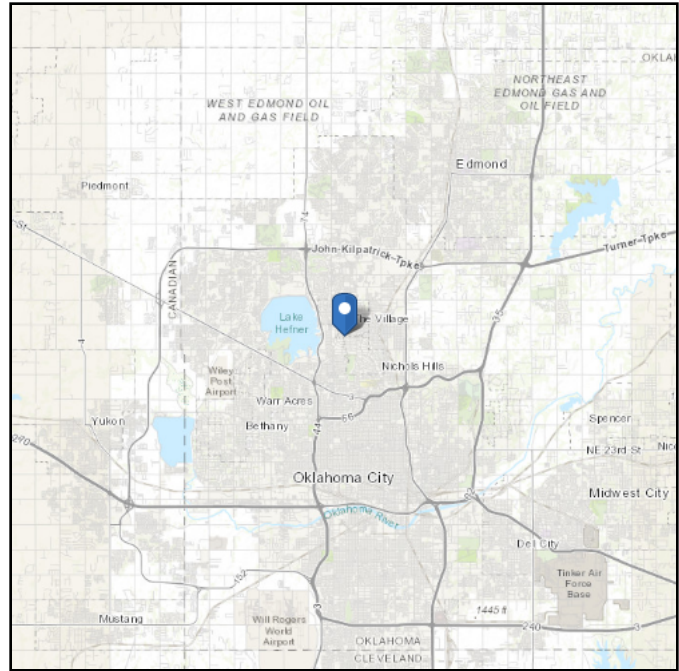
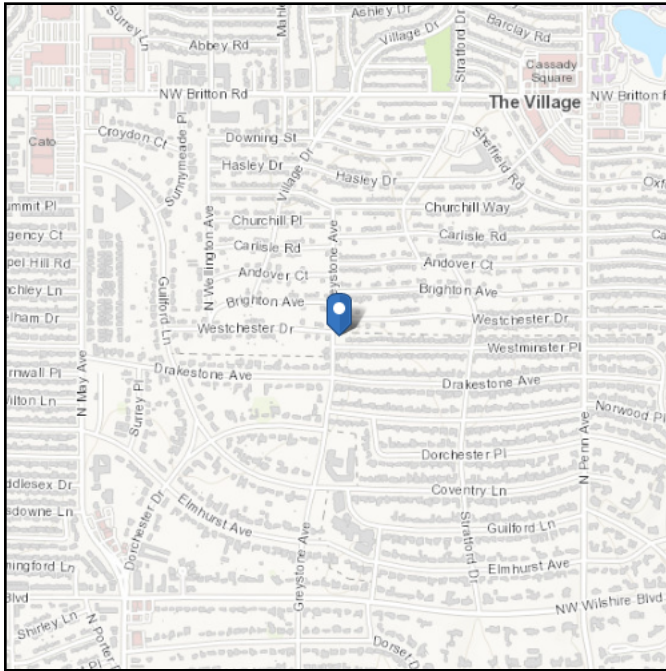
Recent photos will be required to design the necessary modifications.

ASCE 7 Hazards Report

Address:
No Address at This
Location

Standard: ASCE/SEI 7-10
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 1216.91 ft (NAVD 88)
Latitude: 35.558642
Longitude: -97.558022



Wind

Results:

Wind Speed	115 Vmph
10-year MRI	76 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	96 Vmph

Data Source: ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, and Section 26.5.2, incorporating errata of March 12, 2014

Date Accessed: Sat Feb 19 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-10 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

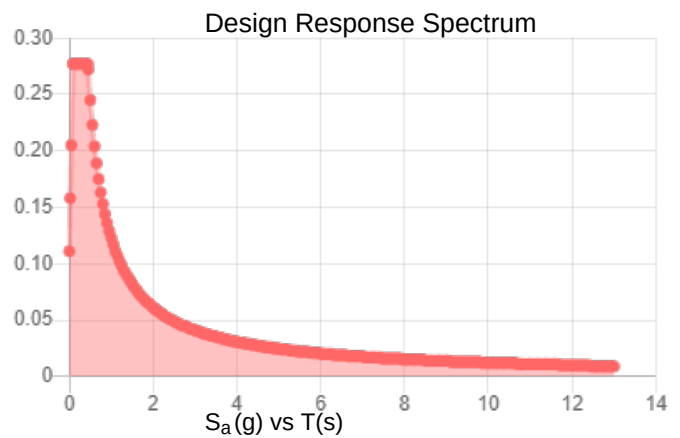
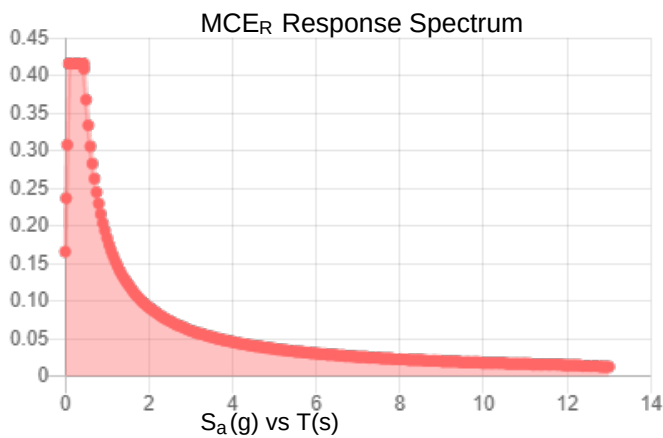
Site is not in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2.

Site Soil Class: D - Stiff Soil

Results:

S_S :	0.262	S_{DS} :	0.277
S_1 :	0.077	S_{D1} :	0.123
F_a :	1.591	T_L :	12
F_v :	2.4	PGA :	0.154
S_{MS} :	0.416	PGA_M :	0.23
S_{M1} :	0.184	F_{PGA} :	1.491
		I_e :	1

Seismic Design Category B



Data Accessed: Sat Feb 19 2022

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.



Ice

Results:

Ice Thickness: 0.75 in.

Concurrent Temperature: 5 F

Gust Speed 40 mph

Data Source: Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8

Date Accessed: Sat Feb 19 2022

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided "as is" and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

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PROJECT	160864.001.01 - Casady Square, OK KSC			
SUBJECT	Sector- Mount Analysis			
DATE	02/21/22	PAGE	1	OF 5

**B+T Group**

1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

INPUT

[REF: ANSI/TIA-222-G2005]

Tower Type	:	WT	
Tower Height	:	129	ft
Mount Elevation	:	70	ft
Antenna Elevation	:	70	ft
Crest Height	:	0	ft
Structure Class	:	II	[Table 2-1]
Exposure Category	:	C	[Sec. 2.6.5]
Topography Category	:	1	[Sec. 2.6.6.2]
Wind Velocity V	:	89	mph [Annex B]
Ice wind Velocity V _i	:	40	mph [Annex B]
Service Velocity V _s	:	30	mph [Annex B]
Base Ice thickness t _i	:	0.75	in [Annex B]

ANTENNAS

	Manufacturer	Model	Height (in)	Front Width (in)	Side Width (in)	Weight (lbs)	Shape	Quantity	Location (%)
--	--------------	-------	----------------	---------------------	--------------------	-----------------	-------	----------	-----------------

Mount Pipe **31**

	KATHREIN	80010799	106.00	14.80	6.70	108.00	Flat	1	5
	KATHREIN	80010799	106.00	14.80	6.70	108.00	Flat	1	95
	ERICSSON	RRUS-32 B2	27.20	7.00	12.05	52.90	Flat	1	50
	ERICSSON	RRUS-32 B66A	27.20	12.10	7.00	53.00	Flat	2	25

Mount Pipe **52**

	ERICSSON	4478 B14	16.50	13.40	7.70	59.90	Flat	1	50

Mount Pipe **30**

	ERICSSON	AIR6449 N77	32.24	15.90	8.10	73.60	Flat	0.5	5
	ERICSSON	AIR6449 N77	32.24	15.90	8.10	73.60	Flat	0.5	35
	ERICSSON	AIR6419 N77G	32.24	15.90	8.10	73.60	Flat	0.5	60
	ERICSSON	AIR6419 N77G	32.24	15.90	8.10	73.60	Flat	0.5	95

Mount Pipe **27**

	CCI	TPA65R-BU8D	96.00	21.00	7.80	82.50	Flat	0.5	5
	CCI	TPA65R-BU8D	96.00	21.00	7.80	82.50	Flat	0.5	95
	ERICSSON	4449 B5/B12	14.96	10.43	13.19	73.00	Flat	1	20
	ERICSSON	RRUS-32 B30	29.90	9.50	13.30	77.00	Flat	1	20

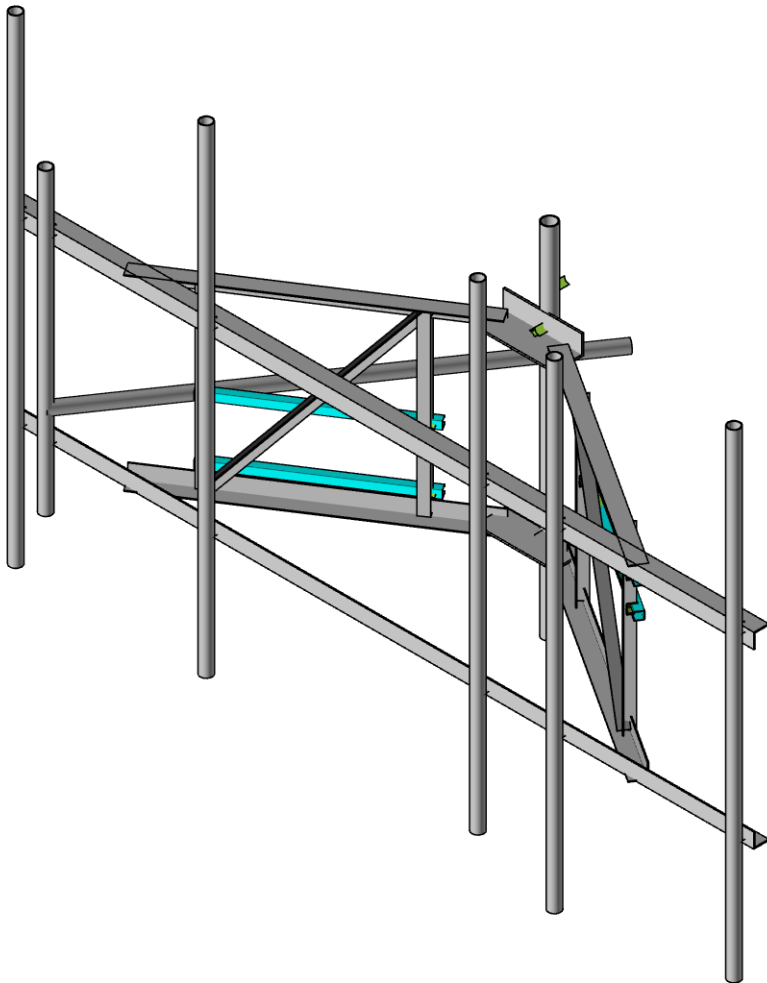
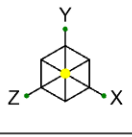
Mount Pipe **51**

	RAYCAP	DC9-48-60-24-PC16-EV	31.40	10.24	18.28	26.20	Flat	1	50

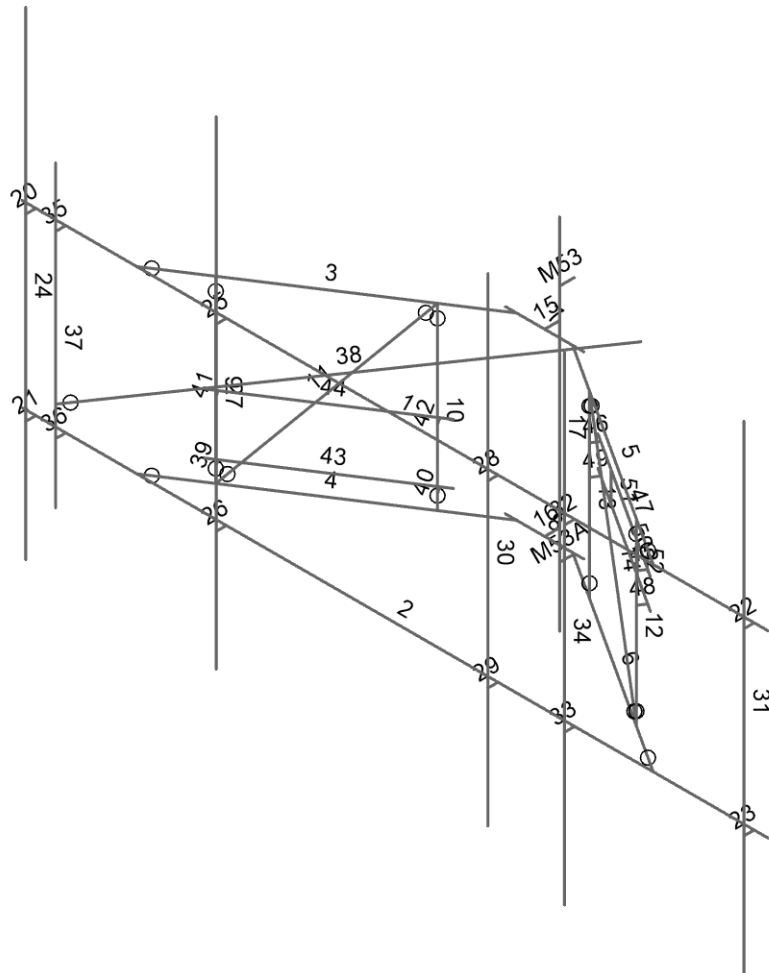
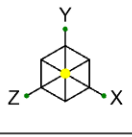
Mount Pipe

APPENDIX A

(RISA-3D Output)

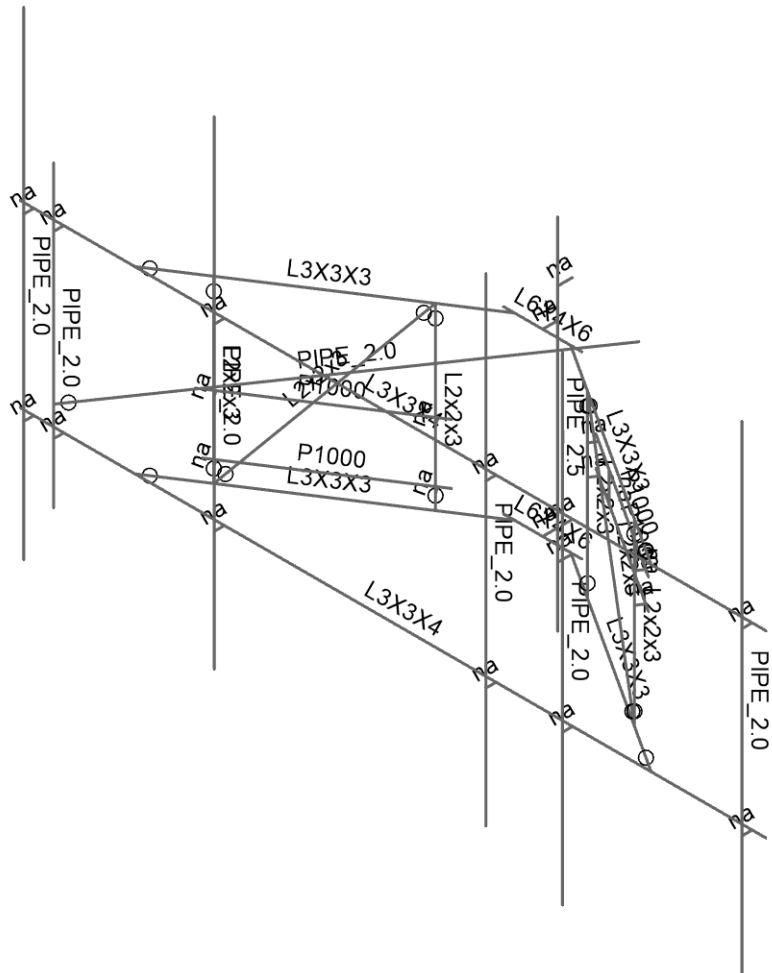
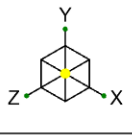


Envelope Only Solution		
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AK		Feb 19, 2022
160864.001.01		160864_001_01_CASADY SQUA...



Envelope Only Solution

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AK		Feb 19, 2022
160864.001.01		160864_001_01_CASADY SQUA...

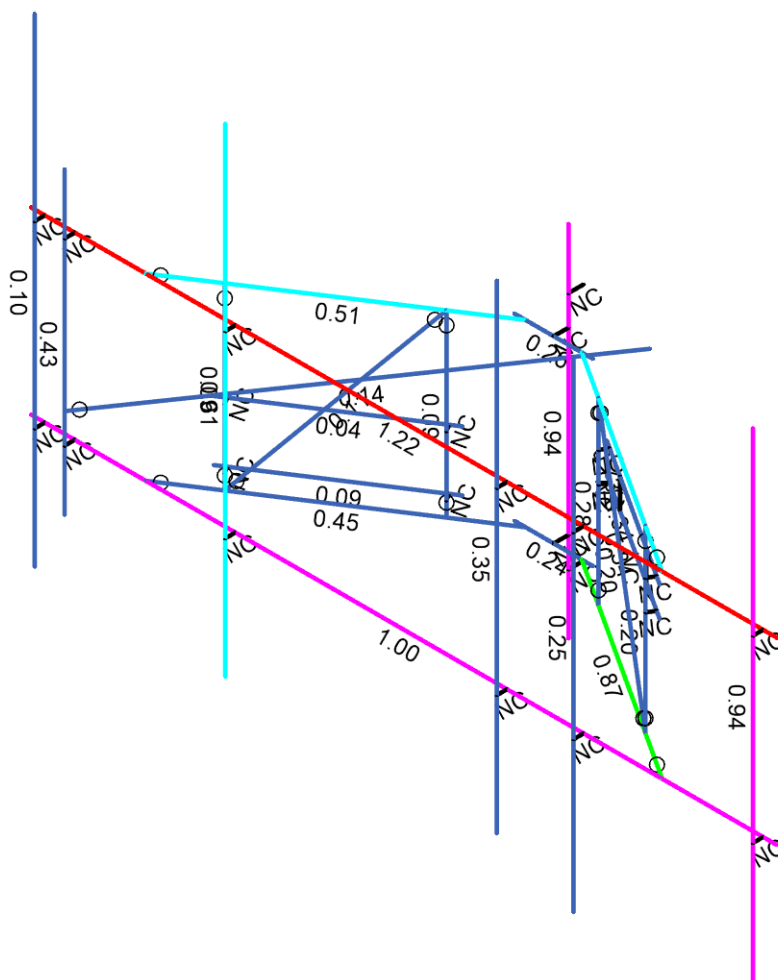


Envelope Only Solution

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AK		Feb 19, 2022
160864.001.01		160864_001_01_CASADY SQUA...

Code Check
(Env)


 No Calc
 > 1.0
 .90-1.0
 .75-.90
 .50-.75
 0.-.50



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

B+T Group

AK

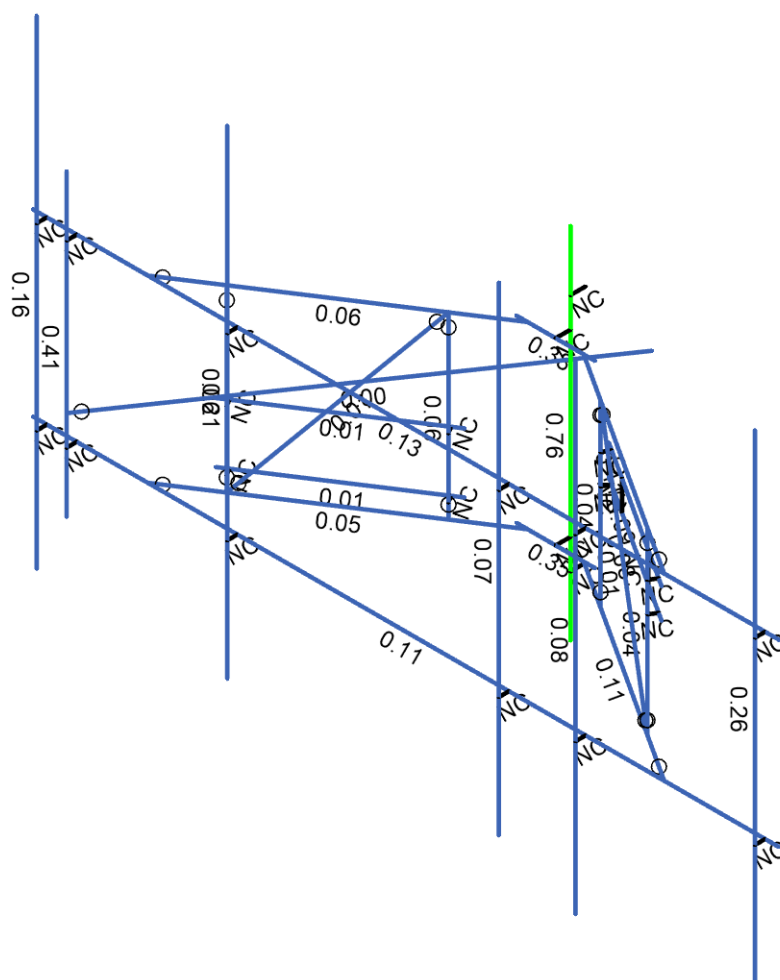
160864.001.01

OKL01652 - CASADY SQUARE	AK4
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AK4

Feb 19, 2022

160864_001_01_CASADY SQUA...



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

B+T Group	OKL01652 - CASADY SQUARE	AK5
AK		Feb 19, 2022
160864.001.01		160864_001_01_CASADY SQUA...



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

2/19/2022
 1:40:45 PM
 Checked By : _____

Node Coordinates

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
1	1	0	-3	2.244792	
2	2	0	0	2.244792	
3	3	4.3125	0	4.744792	
4	4	-4.3125	0	4.744792	
5	5	4.3125	-3	4.744792	
6	6	-4.3125	-3	4.744792	
7	7	-6.229167	-3	4.744792	
8	8	-6.229167	0	4.744792	
9	9	6.229167	-3	4.744792	
10	10	6.229167	0	4.744792	
11	11	-0.65625	-3	2.244792	
12	12	-0.65625	0	2.244792	
13	13	0.65625	-3	2.244792	
14	14	0.65625	0	2.244792	
15	15	-0.46875	-3	2.244792	
16	16	-0.46875	0	2.244792	
17	17	0.46875	-3	2.244792	
18	18	0.46875	0	2.244792	
19	19	-3.513507	0	4.225122	
20	20	-3.513507	-3	4.225122	
21	21	-1.26934	0	2.765501	
22	22	-1.26934	-3	2.765501	
23	23	3.513507	0	4.225122	
24	24	3.513507	-3	4.225122	
25	25	1.26934	0	2.765501	
26	26	1.26934	-3	2.765501	
27	27	0	-3	1.994792	
28	28	0	0	1.994792	
29	29	0	0	0.	
30	30	-0.	1.5	1.994792	
31	31	-0.	-4.5	1.994792	
32	32	-0.	-3.25	1.994792	
33	33	-0.	-3.25	0.75	
34	34	-5.99997	0	4.744792	
35	35	-5.99997	0	4.914158	
36	36	-5.99997	-3	4.744792	
37	37	-5.99997	-3	4.914158	
38	38	5.99997	0	4.744792	
39	39	5.99997	0	4.914158	
40	40	5.99997	-3	4.744792	
41	41	5.99997	-3	4.914158	
42	42	-5.99997	3	4.914158	
43	43	-5.99997	-5	4.914158	
44	44	-2.8167	0	4.744792	
45	45	-2.8167	0	4.914158	
46	46	-2.8167	-3	4.744792	
47	47	-2.8167	-3	4.914158	
48	48	-2.8167	3	4.914158	
49	49	-2.8167	-5	4.914158	
50	50	1.720804	0	4.744792	
51	51	1.720804	0	4.914158	
52	52	1.720804	-3	4.744792	
53	53	1.720804	-3	4.914158	
54	54	1.720804	3	4.914158	
55	55	1.720804	-5	4.914158	
56	56	6.00003	3	4.914158	
57	57	6.00003	-5	4.914158	
58	58	3.00003	0	4.744792	

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

2/19/2022
 1:40:45 PM
 Checked By : _____

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
59	59	3.00003	0	4.914158	
60	60	3.00003	-3	4.744792	
61	61	3.00003	-3	4.914158	
62	62	3.00003	2.5	4.914158	
63	63	3.00003	-5.5	4.914158	
64	64	-5.5	0	4.744792	
65	65	-5.5	0	4.914158	
66	66	-5.5	-3	4.744792	
67	67	-5.5	1	4.914158	
68	68	-5.5	-4	4.914158	
69	69	-5.5	-3	4.914158	
70	70	-5.5	-2.5	4.914158	
71	71	-3.587664	-2.749995	4.111111	
72	72	-3.513507	-2.749995	4.225122	
73	73	-1.343495	-2.749995	2.651489	
74	74	-1.26934	-2.749995	2.765501	
75	75	-3.587664	-1.749995	4.111111	
76	76	-3.513507	-1.749995	4.225122	
77	77	-1.343494	-1.749995	2.651489	
78	78	-1.26934	-1.749995	2.765501	
79	79	-3.723011	-2.749995	4.199142	
80	80	-1.208147	-2.749995	2.563458	
81	81	-3.723011	-1.749995	4.199142	
82	82	-1.208147	-1.749995	2.563458	
83	83	3.587663	-0.75	4.111111	
84	84	3.513507	-0.75	4.225122	
85	85	1.343494	-0.75	2.651489	
86	86	1.26934	-0.75	2.765501	
87	87	3.72301	-0.75	4.199142	
88	88	1.208147	-0.75	2.563458	
89	89	3.587663	-1.25	4.111111	
90	90	3.513507	-1.25	4.225122	
91	91	1.343494	-1.25	2.651489	
92	92	1.26934	-1.25	2.765501	
93	93	3.723011	-1.25	4.199142	
94	94	1.208147	-1.25	2.563458	
95	95	1.515545	0	-0.875	
96	96	-1.515545	0	-0.875	
97	97	-1.515545	-2.5	-0.875	
98	98	3.094295	-0.75	3.790221	
99	99	3.094295	-1.25	3.790221	
100	100	1.836863	-0.75	2.972379	
101	101	1.836863	-1.25	2.972379	
102	102	0	0.5	1.994792	
103	103	-0.	0.5	1.75	
104	104	-0.	-3.5	1.994792	
105	105	-0.	-3.5	1.75	

Node Boundary Conditions

	Node Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot [k-ft/rad]	Y Rot [k-ft/rad]	Z Rot [k-ft/rad]
1	2						
2	1						
3	27						
4	28						
5	97	Reaction	Reaction	Reaction			
6	102						
7	103	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
8	105	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

2/19/2022
 1:40:45 PM
 Checked By : _____

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e ⁵ F ⁻¹]	Density [k/ft ³]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
2	A572 Gr.50	29000	11154	0.3	0.65	0.49	50	1.1	58	1.2
3	A992	29000	11154	0.3	0.65	0.49	50	1.1	58	1.2
4	A500 Gr.42	29000	11154	0.3	0.65	0.49	42	1.3	58	1.1
5	A500 Gr.46	29000	11154	0.3	0.65	0.49	46	1.2	58	1.1
6	A53 Gr.B	29000	11154	0.3	0.65	0.49	35	1.5	58	1.2
7	A500 Gr.B RND	29000	11154	0.3	0.65	0.527	42	1.4	58	1.3
8	A500 Gr.B Rect	29000	11154	0.3	0.65	0.527	46	1.4	58	1.3
9	A1085	29000	11154	0.3	0.65	0.49	50	1.4	65	1.3

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e ⁵ F ⁻¹]	Density [k/ft ³]	Yield [ksi]	Fu [ksi]
1	A570 33	29500	11346	0.3	0.65	0.49	33	52
2	A607 C1 55	29500	11346	0.3	0.65	0.49	55	70
3	A653 SS Gr33	29500	11346	0.3	0.65	0.49	33	45
4	A653 SS Gr50/1	29500	11346	0.3	0.65	0.49	50	65

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	F1-H1	L3X3X3	Beam	Single Angle	A572 Gr.50	Typical	1.09	0.948	0.948	0.014
2	F1-H2	L6X4X6	Beam	Single Angle	A36 Gr.36	Typical	3.61	4.86	13.4	0.177
3	F1-V1	L2x2x3	Column	Single Angle	A572 Gr.50	Typical	0.722	0.271	0.271	0.009
4	F1-D1	L2x2x3	VBrace	Single Angle	A572 Gr.50	Typical	0.722	0.271	0.271	0.009
5	MF-H1	L3X3X4	Beam	Single Angle	A572 Gr.50	Typical	1.44	1.23	1.23	0.031
6	MF-P1	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	0.627	0.627	1.25
7	Tieback	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	0.627	0.627	1.25
8	FV-1	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	CF1A	P1000	Beam	CS	A570 33	Typical	0.517	0.165	0.222	0.002

Member Primary Data

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	1	8	10	180	MF-H1	Beam	Single Angle	A572 Gr.50	Typical
2	2	7	9	270	MF-H1	Beam	Single Angle	A572 Gr.50	Typical
3	3	4	16	90	F1-H1	Beam	Single Angle	A572 Gr.50	Typical
4	4	6	15		F1-H1	Beam	Single Angle	A572 Gr.50	Typical
5	5	3	18	180	F1-H1	Beam	Single Angle	A572 Gr.50	Typical
6	6	5	17	270	F1-H1	Beam	Single Angle	A572 Gr.50	Typical
7	7	14	12	270	F1-H2	Beam	Single Angle	A36 Gr.36	Typical
8	8	11	13	90	F1-H2	Beam	Single Angle	A36 Gr.36	Typical
9	9	19	20	325	F1-V1	Column	Single Angle	A572 Gr.50	Typical
10	10	21	22	325	F1-V1	Column	Single Angle	A572 Gr.50	Typical
11	11	21	20	180	F1-D1	VBrace	Single Angle	A572 Gr.50	Typical
12	12	23	24	135	F1-V1	Column	Single Angle	A572 Gr.50	Typical
13	13	25	26	135	F1-V1	Column	Single Angle	A572 Gr.50	Typical
14	14	25	24	90	F1-D1	VBrace	Single Angle	A572 Gr.50	Typical
15	15	2	28		RIGID	None	None	RIGID	Typical
16	16	1	27		RIGID	None	None	RIGID	Typical
17	17	30	31		FV-1	Column	Pipe	A53 Gr.B	Typical
18	20	34	35		RIGID	None	None	RIGID	Typical
19	21	36	37		RIGID	None	None	RIGID	Typical
20	22	38	39		RIGID	None	None	RIGID	Typical
21	23	40	41		RIGID	None	None	RIGID	Typical
22	24	42	43		MF-P1	Column	Pipe	A53 Gr.B	Typical



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
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Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
23	25	44	45		RIGID	None	None	RIGID	Typical
24	26	46	47		RIGID	None	None	RIGID	Typical
25	27	48	49		MF-P1	Column	Pipe	A53 Gr.B	Typical
26	28	50	51		RIGID	None	None	RIGID	Typical
27	29	52	53		RIGID	None	None	RIGID	Typical
28	30	54	55		MF-P1	Column	Pipe	A53 Gr.B	Typical
29	31	56	57		MF-P1	Column	Pipe	A53 Gr.B	Typical
30	32	58	59		RIGID	None	None	RIGID	Typical
31	33	60	61		RIGID	None	None	RIGID	Typical
32	34	62	63		MF-P1	Column	Pipe	A53 Gr.B	Typical
33	35	64	65		RIGID	None	None	RIGID	Typical
34	36	66	69		RIGID	None	None	RIGID	Typical
35	37	67	68		MF-P1	Column	Pipe	A53 Gr.B	Typical
36	38	70	97		Tieback	Beam	Pipe	A53 Gr.B	Typical
37	39	71	72		RIGID	None	None	RIGID	Typical
38	40	73	74		RIGID	None	None	RIGID	Typical
39	41	75	76		RIGID	None	None	RIGID	Typical
40	42	77	78		RIGID	None	None	RIGID	Typical
41	43	79	80	180	CF1A	Beam	CS	A570 33	Typical
42	44	81	82	180	CF1A	Beam	CS	A570 33	Typical
43	45	83	84		RIGID	None	None	RIGID	Typical
44	46	85	86		RIGID	None	None	RIGID	Typical
45	47	87	88	180	CF1A	Beam	CS	A570 33	Typical
46	48	89	90		RIGID	None	None	RIGID	Typical
47	49	91	92		RIGID	None	None	RIGID	Typical
48	50	93	94	180	CF1A	Beam	CS	A570 33	Typical
49	51	100	101		RIGID	None	None	RIGID	Typical
50	52	98	99		RIGID	None	None	RIGID	Typical
51	M53	102	103		RIGID	None	None	RIGID	Typical
52	M53A	104	105		RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
1	1			Yes		None
2	2			Yes		None
3	3	BenPIN		Yes		None
4	4	BenPIN		Yes		None
5	5	BenPIN		Yes		None
6	6	BenPIN		Yes		None
7	7			Yes		None
8	8			Yes		None
9	9	BenPIN	BenPIN	Yes	** NA **	None
10	10	BenPIN	BenPIN	Yes	** NA **	None
11	11	BenPIN	BenPIN	Yes	** NA **	None
12	12	BenPIN	BenPIN	Yes	** NA **	None
13	13	BenPIN	BenPIN	Yes	** NA **	None
14	14	BenPIN	BenPIN	Yes	** NA **	None
15	15			Yes	** NA **	None
16	16			Yes	** NA **	None
17	17			Yes	** NA **	None
18	20			Yes	** NA **	None
19	21			Yes	** NA **	None
20	22			Yes	** NA **	None
21	23			Yes	** NA **	None
22	24			Yes	** NA **	None
23	25			Yes	** NA **	None
24	26			Yes	** NA **	None
25	27			Yes	** NA **	None



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Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
26	28			Yes	** NA **	None
27	29			Yes	** NA **	None
28	30			Yes	** NA **	None
29	31			Yes	** NA **	None
30	32			Yes	** NA **	None
31	33			Yes	** NA **	None
32	34			Yes	** NA **	None
33	35			Yes	** NA **	None
34	36			Yes	** NA **	None
35	37			Yes	** NA **	None
36	38	BenPIN		Yes		None
37	39			Yes	** NA **	None
38	40			Yes	** NA **	None
39	41			Yes	** NA **	None
40	42			Yes	** NA **	None
41	43			Yes		None
42	44			Yes		None
43	45			Yes	** NA **	None
44	46			Yes	** NA **	None
45	47			Yes		None
46	48			Yes	** NA **	None
47	49			Yes	** NA **	None
48	50			Yes		None
49	51			Yes	** NA **	None
50	52			Yes	** NA **	None
51	M53			Yes	** NA **	None
52	M53A			Yes	** NA **	None

Hot Rolled Steel Design Parameters

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
1	1	MF-H1	12.458		Lateral
2	2	MF-H1	12.458		Lateral
3	3	F1-H1	4.585		Lateral
4	4	F1-H1	4.585		Lateral
5	5	F1-H1	4.585		Lateral
6	6	F1-H1	4.585		Lateral
7	7	F1-H2	1.313		Lateral
8	8	F1-H2	1.313		Lateral
9	9	F1-V1	3		Lateral
10	10	F1-V1	3		Lateral
11	11	F1-D1	4.021		Lateral
12	12	F1-V1	3		Lateral
13	13	F1-V1	3		Lateral
14	14	F1-D1	4.021		Lateral
15	17	FV-1	6	Lbyy	Lateral
16	24	MF-P1	8	Lbyy	Lateral
17	27	MF-P1	8	Lbyy	Lateral
18	30	MF-P1	8	Lbyy	Lateral
19	31	MF-P1	8	Lbyy	Lateral
20	34	MF-P1	8	Lbyy	Lateral
21	37	MF-P1	5	Lbyy	Lateral
22	38	Tieback	7.028	Lbyy	Lateral

Cold Formed Steel Design Parameters

	Label	Shape	Length [ft]	Lcomp top [ft]	y sway	z sway
1	43	CF1A	3	Lbyy		
2	44	CF1A	3	Lbyy		



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Cold Formed Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lcomp top [ft]	y sway	z sway
3	47	CF1A	3	Lbyy		
4	50	CF1A	3	Lbyy		

Member Point Loads (BLC 1 : Dead)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Y	-0.108	%5
2	31	Y	-0.108	%95
3	31	Y	-0.053	%50
4	31	Y	-0.106	%25
5	31	Y	0	0
6	52	Y	-0.06	%50
7	52	Y	0	0
8	52	Y	0	0
9	52	Y	0	0
10	52	Y	0	0
11	30	Y	-0.037	%5
12	30	Y	-0.037	%35
13	30	Y	-0.037	%60
14	30	Y	-0.037	%95
15	30	Y	0	0
16	27	Y	-0.041	%5
17	27	Y	-0.041	%95
18	27	Y	-0.073	%20
19	27	Y	-0.077	%20
20	27	Y	0	0
21	51	Y	-0.026	%50
22	51	Y	0	0
23	51	Y	0	0
24	51	Y	0	0
25	51	Y	0	0

Member Point Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Z	-0.346	%5
2	31	Z	-0.346	%95
3	31	Z	-0.038	%50
4	31	Z	-0.124	%25
5	31	Z	0	0
6	52	Z	-0.042	%50
7	52	Z	0	0
8	52	Z	0	0
9	52	Z	0	0
10	52	Z	0	0
11	30	Z	-0.048	%5
12	30	Z	-0.048	%35
13	30	Z	-0.048	%60
14	30	Z	-0.048	%95
15	30	Z	0	0
16	27	Z	-0.205	%5
17	27	Z	-0.205	%95
18	27	Z	-0.029	%20
19	27	Z	-0.055	%20
20	27	Z	0	0
21	51	Z	-0.062	%50
22	51	Z	0	0
23	51	Z	0	0
24	51	Z	0	0



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Member Point Loads (BLC 2 : 0 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
25	51	Z	0	0

Member Point Loads (BLC 3 : 90 Wind - No Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	X	-0.157	%5
2	31	X	-0.157	%95
3	31	X	-0.065	%50
4	31	X	-0.072	%25
5	31	X	0	0
6	52	X	-0.024	%50
7	52	X	0	0
8	52	X	0	0
9	52	X	0	0
10	52	X	0	0
11	30	X	-0.025	%5
12	30	X	-0.025	%35
13	30	X	-0.025	%60
14	30	X	-0.025	%95
15	30	X	0	0
16	27	X	-0.076	%5
17	27	X	-0.076	%95
18	27	X	-0.037	%20
19	27	X	-0.077	%20
20	27	X	0	0
21	51	X	-0.111	%50
22	51	X	0	0
23	51	X	0	0
24	51	X	0	0
25	51	X	0	0

Member Point Loads (BLC 4 : 0 Wind - Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Z	-0.085	%5
2	31	Z	-0.085	%95
3	31	Z	-0.012	%50
4	31	Z	-0.036	%25
5	31	Z	0	0
6	52	Z	-0.013	%50
7	52	Z	0	0
8	52	Z	0	0
9	52	Z	0	0
10	52	Z	0	0
11	30	Z	-0.013	%5
12	30	Z	-0.013	%35
13	30	Z	-0.013	%60
14	30	Z	-0.013	%95
15	30	Z	0	0
16	27	Z	-0.049	%5
17	27	Z	-0.049	%95
18	27	Z	-0.01	%20
19	27	Z	-0.016	%20
20	27	Z	0	0
21	51	Z	-0.018	%50
22	51	Z	0	0
23	51	Z	0	0
24	51	Z	0	0
25	51	Z	0	0



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Member Point Loads (BLC 5 : 90 Wind - Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	X	-0.047	%5
2	31	X	-0.047	%95
3	31	X	-0.018	%50
4	31	X	-0.024	%25
5	31	X	0	0
6	52	X	-0.008	%50
7	52	X	0	0
8	52	X	0	0
9	52	X	0	0
10	52	X	0	0
11	30	X	-0.008	%5
12	30	X	-0.008	%35
13	30	X	-0.008	%60
14	30	X	-0.008	%95
15	30	X	0	0
16	27	X	-0.022	%5
17	27	X	-0.022	%95
18	27	X	-0.011	%20
19	27	X	-0.021	%20
20	27	X	0	0
21	51	X	-0.029	%50
22	51	X	0	0
23	51	X	0	0
24	51	X	0	0
25	51	X	0	0

Member Point Loads (BLC 6 : 0 Wind - Service)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Z	-0.038	%5
2	31	Z	-0.038	%95
3	31	Z	-0.004	%50
4	31	Z	-0.014	%25
5	31	Z	0	0
6	52	Z	-0.005	%50
7	52	Z	0	0
8	52	Z	0	0
9	52	Z	0	0
10	52	Z	0	0
11	30	Z	-0.006	%5
12	30	Z	-0.006	%35
13	30	Z	-0.006	%60
14	30	Z	-0.006	%95
15	30	Z	0	0
16	27	Z	-0.023	%5
17	27	Z	-0.023	%95
18	27	Z	-0.003	%20
19	27	Z	-0.006	%20
20	27	Z	0	0
21	51	Z	-0.007	%50
22	51	Z	0	0
23	51	Z	0	0
24	51	Z	0	0
25	51	Z	0	0

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



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Member Point Loads (BLC 7 : 90 Wind - Service)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	X	-0.017	%5
2	31	X	-0.017	%95
3	31	X	-0.007	%50
4	31	X	-0.008	%25
5	31	X	0	0
6	52	X	-0.003	%50
7	52	X	0	0
8	52	X	0	0
9	52	X	0	0
10	52	X	0	0
11	30	X	-0.003	%5
12	30	X	-0.003	%35
13	30	X	-0.003	%60
14	30	X	-0.003	%95
15	30	X	0	0
16	27	X	-0.009	%5
17	27	X	-0.009	%95
18	27	X	-0.004	%20
19	27	X	-0.009	%20
20	27	X	0	0
21	51	X	-0.013	%50
22	51	X	0	0
23	51	X	0	0
24	51	X	0	0
25	51	X	0	0

Member Point Loads (BLC 8 : Ice)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	31	Y	-0.312	%5
2	31	Y	-0.312	%95
3	31	Y	-0.07	%50
4	31	Y	-0.14	%25
5	31	Y	0	0
6	52	Y	-0.046	%50
7	52	Y	0	0
8	52	Y	0	0
9	52	Y	0	0
10	52	Y	0	0
11	30	Y	-0.052	%5
12	30	Y	-0.052	%35
13	30	Y	-0.052	%60
14	30	Y	-0.052	%95
15	30	Y	0	0
16	27	Y	-0.19	%5
17	27	Y	-0.19	%95
18	27	Y	-0.045	%20
19	27	Y	-0.088	%20
20	27	Y	0	0
21	51	Y	-0.117	%50
22	51	Y	0	0
23	51	Y	0	0
24	51	Y	0	0
25	51	Y	0	0

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



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Member Point Loads (BLC 13 : Maint LL 1)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	1	Y	-0.25	%95

Member Point Loads (BLC 14 : Maint LL 2)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	2	Y	-0.25	%95

Member Point Loads (BLC 15 : Maint LL 3)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	3	Y	-0.25	%50

Member Point Loads (BLC 16 : Maint LL 4)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	4	Y	-0.25	%50

Member Point Loads (BLC 17 : Maint LL 5)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	5	Y	-0.25	%50

Member Point Loads (BLC 18 : Maint LL 6)

	Member Label	Direction	Magnitude [k, k-ft]	Location [(ft, %)]
1	6	Y	-0.25	%50

Member Distributed Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.011	-0.011	0	%100
2	2	Z	-0.011	-0.011	0	%100
3	3	Z	-0.01	-0.01	0	%100
4	4	Z	-0.01	-0.01	0	%100
5	5	Z	-0.01	-0.01	0	%100
6	6	Z	-0.01	-0.01	0	%100
7	7	Z	-0.014	-0.014	0	%100
8	8	Z	-0.014	-0.014	0	%100
9	9	Z	-0.007	-0.007	0	%100
10	10	Z	-0.007	-0.007	0	%100
11	11	Z	-0.007	-0.007	0	%100
12	12	Z	-0.007	-0.007	0	%100
13	13	Z	-0.007	-0.007	0	%100
14	14	Z	-0.007	-0.007	0	%100
15	17	Z	-0.007	-0.007	0	%100
16	24	Z	-0.005	-0.005	0	%100
17	27	Z	-0.005	-0.005	0	%100
18	30	Z	-0.005	-0.005	0	%100
19	31	Z	-0.005	-0.005	0	%100
20	34	Z	-0.005	-0.005	0	%100
21	37	Z	-0.005	-0.005	0	%100
22	38	Z	-0.005	-0.005	0	%100
23	43	Z	-0.006	-0.006	0	%100
24	44	Z	-0.006	-0.006	0	%100
25	47	Z	-0.006	-0.006	0	%100
26	50	Z	-0.006	-0.006	0	%100

Member Distributed Loads (BLC 3 : 90 Wind - No Ice)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.011	-0.011	0	%100
2	2	X	-0.011	-0.011	0	%100



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Member Distributed Loads (BLC 3 : 90 Wind - No Ice) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
3	3	X	-0.01	-0.01	0	%100
4	4	X	-0.01	-0.01	0	%100
5	5	X	-0.01	-0.01	0	%100
6	6	X	-0.01	-0.01	0	%100
7	7	X	-0.014	-0.014	0	%100
8	8	X	-0.014	-0.014	0	%100
9	9	X	-0.007	-0.007	0	%100
10	10	X	-0.007	-0.007	0	%100
11	11	X	-0.007	-0.007	0	%100
12	12	X	-0.007	-0.007	0	%100
13	13	X	-0.007	-0.007	0	%100
14	14	X	-0.007	-0.007	0	%100
15	17	X	-0.007	-0.007	0	%100
16	24	X	-0.005	-0.005	0	%100
17	27	X	-0.005	-0.005	0	%100
18	30	X	-0.005	-0.005	0	%100
19	31	X	-0.005	-0.005	0	%100
20	34	X	-0.005	-0.005	0	%100
21	37	X	-0.005	-0.005	0	%100
22	38	X	-0.005	-0.005	0	%100
23	43	X	-0.006	-0.006	0	%100
24	44	X	-0.006	-0.006	0	%100
25	47	X	-0.006	-0.006	0	%100
26	50	X	-0.006	-0.006	0	%100

Member Distributed Loads (BLC 4 : 0 Wind - Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.005	-0.005	0	%100
2	2	Z	-0.005	-0.005	0	%100
3	3	Z	-0.004	-0.004	0	%100
4	4	Z	-0.004	-0.004	0	%100
5	5	Z	-0.004	-0.004	0	%100
6	6	Z	-0.004	-0.004	0	%100
7	7	Z	-0.005	-0.005	0	%100
8	8	Z	-0.005	-0.005	0	%100
9	9	Z	-0.004	-0.004	0	%100
10	10	Z	-0.004	-0.004	0	%100
11	11	Z	-0.004	-0.004	0	%100
12	12	Z	-0.004	-0.004	0	%100
13	13	Z	-0.004	-0.004	0	%100
14	14	Z	-0.004	-0.004	0	%100
15	17	Z	-0.002	-0.002	0	%100
16	24	Z	-0.001	-0.001	0	%100
17	27	Z	-0.001	-0.001	0	%100
18	30	Z	-0.001	-0.001	0	%100
19	31	Z	-0.001	-0.001	0	%100
20	34	Z	-0.001	-0.001	0	%100
21	37	Z	-0.001	-0.001	0	%100
22	38	Z	-0.001	-0.001	0	%100
23	43	Z	-0.004	-0.004	0	%100
24	44	Z	-0.004	-0.004	0	%100
25	47	Z	-0.004	-0.004	0	%100
26	50	Z	-0.004	-0.004	0	%100



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Member Distributed Loads (BLC 5 : 90 Wind - Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.005	-0.005	0	%100
2	2	X	-0.005	-0.005	0	%100
3	3	X	-0.004	-0.004	0	%100
4	4	X	-0.004	-0.004	0	%100
5	5	X	-0.004	-0.004	0	%100
6	6	X	-0.004	-0.004	0	%100
7	7	X	-0.005	-0.005	0	%100
8	8	X	-0.005	-0.005	0	%100
9	9	X	-0.004	-0.004	0	%100
10	10	X	-0.004	-0.004	0	%100
11	11	X	-0.004	-0.004	0	%100
12	12	X	-0.004	-0.004	0	%100
13	13	X	-0.004	-0.004	0	%100
14	14	X	-0.004	-0.004	0	%100
15	17	X	-0.002	-0.002	0	%100
16	24	X	-0.001	-0.001	0	%100
17	27	X	-0.001	-0.001	0	%100
18	30	X	-0.001	-0.001	0	%100
19	31	X	-0.001	-0.001	0	%100
20	34	X	-0.001	-0.001	0	%100
21	37	X	-0.001	-0.001	0	%100
22	38	X	-0.001	-0.001	0	%100
23	43	X	-0.004	-0.004	0	%100
24	44	X	-0.004	-0.004	0	%100
25	47	X	-0.004	-0.004	0	%100
26	50	X	-0.004	-0.004	0	%100

Member Distributed Loads (BLC 6 : 0 Wind - Service)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Z	-0.001	-0.001	0	%100
2	2	Z	-0.001	-0.001	0	%100
3	3	Z	-0.001	-0.001	0	%100
4	4	Z	-0.001	-0.001	0	%100
5	5	Z	-0.001	-0.001	0	%100
6	6	Z	-0.001	-0.001	0	%100
7	7	Z	-0.002	-0.002	0	%100
8	8	Z	-0.002	-0.002	0	%100
9	9	Z	-0.0007	-0.0007	0	%100
10	10	Z	-0.0007	-0.0007	0	%100
11	11	Z	-0.0008	-0.0008	0	%100
12	12	Z	-0.0007	-0.0007	0	%100
13	13	Z	-0.0007	-0.0007	0	%100
14	14	Z	-0.0008	-0.0008	0	%100
15	17	Z	-0.0004	-0.0004	0	%100
16	24	Z	-0.0003	-0.0003	0	%100
17	27	Z	-0.0003	-0.0003	0	%100
18	30	Z	-0.0003	-0.0003	0	%100
19	31	Z	-0.0003	-0.0003	0	%100
20	34	Z	-0.0003	-0.0003	0	%100
21	37	Z	-0.0003	-0.0003	0	%100
22	38	Z	-0.0003	-0.0003	0	%100
23	43	Z	-0.0007	-0.0007	0	%100
24	44	Z	-0.0007	-0.0007	0	%100
25	47	Z	-0.0007	-0.0007	0	%100
26	50	Z	-0.0007	-0.0007	0	%100



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 Designer : AK
 Job Number : 160864.001.01
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Member Distributed Loads (BLC 7 : 90 Wind - Service)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	X	-0.001	-0.001	0	%100
2	2	X	-0.001	-0.001	0	%100
3	3	X	-0.001	-0.001	0	%100
4	4	X	-0.001	-0.001	0	%100
5	5	X	-0.001	-0.001	0	%100
6	6	X	-0.001	-0.001	0	%100
7	7	X	-0.002	-0.002	0	%100
8	8	X	-0.002	-0.002	0	%100
9	9	X	-0.0007	-0.0007	0	%100
10	10	X	-0.0007	-0.0007	0	%100
11	11	X	-0.0008	-0.0008	0	%100
12	12	X	-0.0007	-0.0007	0	%100
13	13	X	-0.0007	-0.0007	0	%100
14	14	X	-0.0008	-0.0008	0	%100
15	17	X	-0.0004	-0.0004	0	%100
16	24	X	-0.0003	-0.0003	0	%100
17	27	X	-0.0003	-0.0003	0	%100
18	30	X	-0.0003	-0.0003	0	%100
19	31	X	-0.0003	-0.0003	0	%100
20	34	X	-0.0003	-0.0003	0	%100
21	37	X	-0.0003	-0.0003	0	%100
22	38	X	-0.0003	-0.0003	0	%100
23	43	X	-0.0007	-0.0007	0	%100
24	44	X	-0.0007	-0.0007	0	%100
25	47	X	-0.0007	-0.0007	0	%100
26	50	X	-0.0007	-0.0007	0	%100

Member Distributed Loads (BLC 8 : Ice)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	1	Y	-0.012	-0.012	0	%100
2	2	Y	-0.012	-0.012	0	%100
3	3	Y	-0.012	-0.012	0	%100
4	4	Y	-0.012	-0.012	0	%100
5	5	Y	-0.012	-0.012	0	%100
6	6	Y	-0.012	-0.012	0	%100
7	7	Y	-0.017	-0.017	0	%100
8	8	Y	-0.017	-0.017	0	%100
9	9	Y	-0.009	-0.009	0	%100
10	10	Y	-0.009	-0.009	0	%100
11	11	Y	-0.009	-0.009	0	%100
12	12	Y	-0.009	-0.009	0	%100
13	13	Y	-0.009	-0.009	0	%100
14	14	Y	-0.009	-0.009	0	%100
15	17	Y	-0.009	-0.009	0	%100
16	24	Y	-0.008	-0.008	0	%100
17	27	Y	-0.008	-0.008	0	%100
18	30	Y	-0.008	-0.008	0	%100
19	31	Y	-0.008	-0.008	0	%100
20	34	Y	-0.008	-0.008	0	%100
21	37	Y	-0.008	-0.008	0	%100
22	38	Y	-0.008	-0.008	0	%100
23	43	Y	-0.008	-0.008	0	%100
24	44	Y	-0.008	-0.008	0	%100
25	47	Y	-0.008	-0.008	0	%100
26	50	Y	-0.008	-0.008	0	%100



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Node Loads and Enforced Displacements (BLC 9 : Live Load a)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	36	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 10 : Live Load b)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	46	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 11 : Live Load c)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	52	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 12 : Live Load d)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	60	L	Y	-0.5

Node Loads and Enforced Displacements (BLC 19 : Live Load e)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	40	L	Y	-0.5

Basic Load Cases

	BLC Description	Category	Y Gravity	Nodal	Point	Distributed
1	Dead	DL	-1		25	
2	0 Wind - No Ice	WLZ			25	26
3	90 Wind - No Ice	WLX			25	26
4	0 Wind - Ice	WLZ			25	26
5	90 Wind - Ice	WLX			25	26
6	0 Wind - Service	WLZ			25	26
7	90 Wind - Service	WLX			25	26
8	Ice	OL1			25	26
9	Live Load a	LL		1		
10	Live Load b	LL		1		
11	Live Load c	LL		1		
12	Live Load d	LL		1		
13	Maint LL 1	LL			1	
14	Maint LL 2	LL			1	
15	Maint LL 3	LL			1	
16	Maint LL 4	LL			1	
17	Maint LL 5	LL			1	
18	Maint LL 6	LL			1	
19	Live Load e	LL		1		

Load Combinations

	Description	Solve	PDelta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	1.4 Dead	Yes	Y	1	1.4						
2	0.9 D + 1.6 - 0 W	Yes	Y	1	0.9	2	1.6				
3	0.9 D + 1.6 - 30 W	Yes	Y	1	0.9	2	1.386	3	0.8		
4	0.9 D + 1.6 - 60 W	Yes	Y	1	0.9	3	1.386	2	0.8		
5	0.9 D + 1.6 - 90 W	Yes	Y	1	0.9	3	1.6				
6	0.9 D + 1.6 - 120 W	Yes	Y	1	0.9	3	1.386	2	-0.8		
7	0.9 D + 1.6 - 150 W	Yes	Y	1	0.9	2	-1.386	3	0.8		
8	0.9 D + 1.6 - 180 W	Yes	Y	1	0.9	2	-1.6				
9	0.9 D + 1.6 - 210 W	Yes	Y	1	0.9	2	-1.386	3	-0.8		
10	0.9 D + 1.6 - 240 W	Yes	Y	1	0.9	3	-1.386	2	-0.8		
11	0.9 D + 1.6 - 270 W	Yes	Y	1	0.9	3	-1.6				
12	0.9 D + 1.6 - 300 W	Yes	Y	1	0.9	3	-1.386	2	0.8		
13	0.9 D + 1.6 - 330 W	Yes	Y	1	0.9	2	1.386	3	-0.8		



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Load Combinations (Continued)

	Description	Solve	PDelta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
14	1.2 D + 1.6 - 0 W	Yes	Y	1	1.2	2	1.6				
15	1.2 D + 1.6 - 30 W	Yes	Y	1	1.2	2	1.386	3	0.8		
16	1.2 D + 1.6 - 60 W	Yes	Y	1	1.2	3	1.386	2	0.8		
17	1.2 D + 1.6 - 90 W	Yes	Y	1	1.2	3	1.6				
18	1.2 D + 1.6 - 120 W	Yes	Y	1	1.2	3	1.386	2	-0.8		
19	1.2 D + 1.6 - 150 W	Yes	Y	1	1.2	2	-1.386	3	0.8		
20	1.2 D + 1.6 - 180 W	Yes	Y	1	1.2	2	-1.6				
21	1.2 D + 1.6 - 210 W	Yes	Y	1	1.2	2	-1.386	3	-0.8		
22	1.2 D + 1.6 - 240 W	Yes	Y	1	1.2	3	-1.386	2	-0.8		
23	1.2 D + 1.6 - 270 W	Yes	Y	1	1.2	3	-1.6				
24	1.2 D + 1.6 - 300 W	Yes	Y	1	1.2	3	-1.386	2	0.8		
25	1.2 D + 1.6 - 330 W	Yes	Y	1	1.2	2	1.386	3	-0.8		
26	0.9 D + 1.6 - 0 W/Ice	Yes	Y	1	0.9	4	1.6			8	1
27	0.9 D + 1.6 - 30 W/Ice	Yes	Y	1	0.9	4	1.386	5	0.8	8	1
28	0.9 D + 1.6 - 60 W/Ice	Yes	Y	1	0.9	5	1.386	4	0.8	8	1
29	0.9 D + 1.6 - 90 W/Ice	Yes	Y	1	0.9	5	1.6			8	1
30	0.9 D + 1.6 - 120 W/Ice	Yes	Y	1	0.9	5	1.386	4	-0.8	8	1
31	0.9 D + 1.6 - 150 W/Ice	Yes	Y	1	0.9	4	-1.386	5	0.8	8	1
32	0.9 D + 1.6 - 180 W/Ice	Yes	Y	1	0.9	4	-1.6			8	1
33	0.9 D + 1.6 - 210 W/Ice	Yes	Y	1	0.9	4	-1.386	5	-0.8	8	1
34	0.9 D + 1.6 - 240 W/Ice	Yes	Y	1	0.9	5	-1.386	4	-0.8	8	1
35	0.9 D + 1.6 - 270 W/Ice	Yes	Y	1	0.9	5	-1.6			8	1
36	0.9 D + 1.6 - 300 W/Ice	Yes	Y	1	0.9	5	-1.386	4	0.8	8	1
37	0.9 D + 1.6 - 330 W/Ice	Yes	Y	1	0.9	4	1.386	5	-0.8	8	1
38	1.2 D + 1.0 - 0 W/Ice	Yes	Y	1	1.2	4	1			8	1
39	1.2 D + 1.0 - 30 W/Ice	Yes	Y	1	1.2	4	0.866	5	0.5	8	1
40	1.2 D + 1.0 - 60 W/Ice	Yes	Y	1	1.2	5	0.866	4	0.5	8	1
41	1.2 D + 1.0 - 90 W/Ice	Yes	Y	1	1.2	5	1			8	1
42	1.2 D + 1.0 - 120 W/Ice	Yes	Y	1	1.2	5	0.866	4	-0.5	8	1
43	1.2 D + 1.0 - 150 W/Ice	Yes	Y	1	1.2	4	-0.866	5	0.5	8	1
44	1.2 D + 1.0 - 180 W/Ice	Yes	Y	1	1.2	4	-1			8	1
45	1.2 D + 1.0 - 210 W/Ice	Yes	Y	1	1.2	4	-0.866	5	-0.5	8	1
46	1.2 D + 1.0 - 240 W/Ice	Yes	Y	1	1.2	5	-0.866	4	-0.5	8	1
47	1.2 D + 1.0 - 270 W/Ice	Yes	Y	1	1.2	5	-1			8	1
48	1.2 D + 1.0 - 300 W/Ice	Yes	Y	1	1.2	5	-0.866	4	0.5	8	1
49	1.2 D + 1.0 - 330 W/Ice	Yes	Y	1	1.2	4	0.866	5	-0.5	8	1
50	1.2 D + 1.5 LL a + Service - 0 W	Yes	Y	1	1.2	6	1			9	1.5
51	1.2 D + 1.5 LL a + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	9	1.5
52	1.2 D + 1.5 LL a + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	9	1.5
53	1.2 D + 1.5 LL a + Service - 90 W	Yes	Y	1	1.2	7	1			9	1.5
54	1.2 D + 1.5 LL a + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	9	1.5
55	1.2 D + 1.5 LL a + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	9	1.5
56	1.2 D + 1.5 LL a + Service - 180 W	Yes	Y	1	1.2	6	-1			9	1.5
57	1.2 D + 1.5 LL a + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	9	1.5
58	1.2 D + 1.5 LL a + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	9	1.5
59	1.2 D + 1.5 LL a + Service - 270 W	Yes	Y	1	1.2	7	-1			9	1.5
60	1.2 D + 1.5 LL a + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	9	1.5
61	1.2 D + 1.5 LL a + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	9	1.5
62	1.2 D + 1.5 LL b + Service - 0 W	Yes	Y	1	1.2	6	1			10	1.5
63	1.2 D + 1.5 LL b + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	10	1.5
64	1.2 D + 1.5 LL b + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	10	1.5
65	1.2 D + 1.5 LL b + Service - 90 W	Yes	Y	1	1.2	7	1			10	1.5
66	1.2 D + 1.5 LL b + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	10	1.5
67	1.2 D + 1.5 LL b + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	10	1.5
68	1.2 D + 1.5 LL b + Service - 180 W	Yes	Y	1	1.2	6	-1			10	1.5
69	1.2 D + 1.5 LL b + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	10	1.5
70	1.2 D + 1.5 LL b + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	10	1.5
71	1.2 D + 1.5 LL b + Service - 270 W	Yes	Y	1	1.2	7	-1			10	1.5

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

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Load Combinations (Continued)

	Description	Solve	PDelta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
72	1.2 D + 1.5 LL b + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	10	1.5
73	1.2 D + 1.5 LL b + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	10	1.5
74	1.2 D + 1.5 LL c + Service - 0 W	Yes	Y	1	1.2	6	1			11	1.5
75	1.2 D + 1.5 LL c + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	11	1.5
76	1.2 D + 1.5 LL c + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	11	1.5
77	1.2 D + 1.5 LL c + Service - 90 W	Yes	Y	1	1.2	7	1			11	1.5
78	1.2 D + 1.5 LL c + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	11	1.5
79	1.2 D + 1.5 LL c + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	11	1.5
80	1.2 D + 1.5 LL c + Service - 180 W	Yes	Y	1	1.2	6	-1			11	1.5
81	1.2 D + 1.5 LL c + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	11	1.5
82	1.2 D + 1.5 LL c + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	11	1.5
83	1.2 D + 1.5 LL c + Service - 270 W	Yes	Y	1	1.2	7	-1			11	1.5
84	1.2 D + 1.5 LL c + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	11	1.5
85	1.2 D + 1.5 LL c + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	11	1.5
86	1.2 D + 1.5 LL d + Service - 0 W	Yes	Y	1	1.2	6	1			12	1.5
87	1.2 D + 1.5 LL d + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	12	1.5
88	1.2 D + 1.5 LL d + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	12	1.5
89	1.2 D + 1.5 LL d + Service - 90 W	Yes	Y	1	1.2	7	1			12	1.5
90	1.2 D + 1.5 LL d + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	12	1.5
91	1.2 D + 1.5 LL d + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	12	1.5
92	1.2 D + 1.5 LL d + Service - 180 W	Yes	Y	1	1.2	6	-1			12	1.5
93	1.2 D + 1.5 LL d + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	12	1.5
94	1.2 D + 1.5 LL d + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	12	1.5
95	1.2 D + 1.5 LL d + Service - 270 W	Yes	Y	1	1.2	7	-1			12	1.5
96	1.2 D + 1.5 LL d + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	12	1.5
97	1.2 D + 1.5 LL d + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	12	1.5
98	1.2 D + 1.5 LL Maint (1)	Yes	Y	1	1.2					13	1.5
99	1.2 D + 1.5 LL Maint (2)	Yes	Y	1	1.2					14	1.5
100	1.2 D + 1.5 LL Maint (3)	Yes	Y	1	1.2					15	1.5
101	1.2 D + 1.5 LL Maint (4)	Yes	Y	1	1.2					16	1.5
102	1.2 D + 1.5 LL Maint (5)	Yes	Y	1	1.2					17	1.5
103	1.2 D + 1.5 LL Maint (6)	Yes	Y	1	1.2					18	1.5
104	1.2 D + 1.5 LL e + Service - 0 W	Yes	Y	1	1.2	6	1			19	1.5
105	1.2 D + 1.5 LL e + Service - 30 W	Yes	Y	1	1.2	6	0.866	7	0.5	19	1.5
106	1.2 D + 1.5 LL e + Service - 60 W	Yes	Y	1	1.2	7	0.866	6	0.5	19	1.5
107	1.2 D + 1.5 LL e + Service - 90 W	Yes	Y	1	1.2	7	1			19	1.5
108	1.2 D + 1.5 LL e + Service - 120 W	Yes	Y	1	1.2	7	0.866	6	-0.5	19	1.5
109	1.2 D + 1.5 LL e + Service - 150 W	Yes	Y	1	1.2	6	-0.866	7	0.5	19	1.5
110	1.2 D + 1.5 LL e + Service - 180 W	Yes	Y	1	1.2	6	-1			19	1.5
111	1.2 D + 1.5 LL e + Service - 210 W	Yes	Y	1	1.2	6	-0.866	7	-0.5	19	1.5
112	1.2 D + 1.5 LL e + Service - 240 W	Yes	Y	1	1.2	7	-0.866	6	-0.5	19	1.5
113	1.2 D + 1.5 LL e + Service - 270 W	Yes	Y	1	1.2	7	-1			19	1.5
114	1.2 D + 1.5 LL e + Service - 300 W	Yes	Y	1	1.2	7	-0.866	6	0.5	19	1.5
115	1.2 D + 1.5 LL e + Service - 330 W	Yes	Y	1	1.2	6	0.866	7	-0.5	19	1.5

Envelope Node Reactions

Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	97	max	1.331	12	0.043	48	1.958	18	0	115	0	115	0
2		min	-1.343	18	0.008	6	-1.973	12	0	1	0	1	0
3	103	max	1.689	5	2.386	43	2.208	2	1.225	20	1.992	6	0.631
4		min	-2.834	23	0.43	13	-4.182	20	-1.161	2	-2.298	24	-0.86
5	105	max	2.783	18	2.279	49	3.96	25	1.153	25	1.887	18	0.863
6		min	-1.63	12	0.413	7	-1.95	7	-1.043	7	-1.629	12	-1.094
7	Totals:	max	3.165	17	4.642	42	4.278	2					
8		min	-3.165	11	1.212	12	-4.278	20					

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)



Company : B+T Group
 Designer : AK
 Job Number : 160864.001.01
 Model Name : OKL01652 - CASADY SQUARE

2/19/2022
 1:40:45 PM
 Checked By : _____

Envelope AISC 13TH (360-05): LRFD Member Steel Code Checks

Member	Shape	Code Check	Loc[ft]	LC Shear	Check	Loc[ft]	Dir	LC	phi*Pnc [k]	phi*Pnt [k]	phi*Mn y-y [k-ft]	phi*Mn z-z [k-ft]	Cb	Eqn	
1	1	L3X3X4	1.219	10.512	8	0.128	10.641	z	14	4.981	64.8	2.345	3.484	1.5	H2-1
2	2	L3X3X4	0.995	1.947	7	0.105	0.26	z	12	4.981	64.8	2.345	3.172	1.245	H2-1
3	3	L3X3X3	0.508	4.585	24	0.056	4.585	z	42	23.928	49.05	1.638	3.319	1.352	H2-1
4	4	L3X3X3	0.448	0.955	60	0.051	4.585	y	55	23.928	49.05	1.833	3.412	1.5	H2-1
5	5	L3X3X3	0.729	0.955	38	0.114	4.585	y	49	23.928	49.05	1.638	3.412	1.5	H2-1
6	6	L3X3X3	0.871	0.955	49	0.113	4.585	z	49	23.928	49.05	1.833	3.412	1.5	H2-1
7	7	L6X4X6	0.258	0.656	47	0.382	0.656	z	48	104.956	116.964	5.109	14.765	1.454	H2-1
8	8	L6X4X6	0.241	0.656	38	0.353	0.656	y	39	104.956	116.964	5.109	15.351	1.485	H2-1
9	9	L2x2x3	0.093	1.75	30	0.059	3	y	43	17.369	32.49	0.775	1.605	1.473	H2-1
10	10	L2x2x3	0.095	1.75	42	0.058	3	y	24	17.369	32.49	0.775	1.611	1.5	H2-1
11	11	L2x2x3	0.114	2.01	47	0.008	4.021	z	20	10.602	32.49	0.775	1.415	1.136	H2-1
12	12	L2x2x3	0.204	1.25	38	0.042	0.75	z	12	17.369	32.49	0.775	1.611	1.5	H2-1
13	13	L2x2x3	0.275	0.75	24	0.037	0	y	24	17.369	32.49	0.775	1.556	1.256	H2-1
14	14	L2x2x3	0.199	2.01	40	0.009	4.021	z	22	10.602	32.49	0.775	1.415	1.136	H2-1
15	17	PIPE 2.5	0.937	1	19	0.759	1		19	37.774	50.715	3.596	3.596	3	H3-6
16	24	PIPE 2.0	0.105	6	54	0.164	3		25	14.916	32.13	1.872	1.872	1.964	H1-1b
17	27	PIPE 2.0	0.606	3	20	0.213	3		25	14.916	32.13	1.872	1.872	2.172	H1-1b
18	30	PIPE 2.0	0.348	3	25	0.072	6		24	14.916	32.13	1.872	1.872	1.788	H1-1b
19	31	PIPE 2.0	0.935	3	20	0.262	3		14	14.916	32.13	1.872	1.872	1.923	H1-1b
20	34	PIPE 2.0	0.247	2.5	25	0.077	5.5		25	14.916	32.13	1.872	1.872	3	H1-1b
21	37	PIPE 2.0	0.433	3.49	12	0.415	3.958		25	23.809	32.13	1.872	1.872	2.509	H1-1b
22	38	PIPE 2.0	0.137	0	18	0.004	7.028		40	17.772	32.13	1.872	1.872	1.136	H1-1b*

Envelope AISI S100-07: LRFD Member Cold Formed Steel Code Checks

Member	Shape	Code	Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	phi*Pn[k]	phi*Tn[k]	phi*Mnyy[k-ft]	phi*Mnzz[k-ft]	Cb	Cmyy	Cmzz	Eqn
1	43	P1000	0.089	2.812	24	0.014	2.812	y	35	8.555	15.355	0.456	0.713	2.139	0.85	0.85	C5.2.2-3	
2	44	P1000	0.039	2.812	56	0.014	2.812	y	55	8.555	15.355	0.432	0.713	2.058	0.85	0.85	C3.3.2-1	
3	47	P1000	0.341	0.75	24	0.087	2.25	y	23	8.555	15.355	0.424	0.713	1.786	0.85	0.85	C5.2.2-3	
4	50	P1000	0.34	2.25	24	0.079	2.812	y	41	8.555	15.355	0.424	0.713	1.466	0.85	0.85	C5.2.2-3	

Attachment: 1 PC-2022-04 Packet (5978 : AT&T - Special Permit Application)

PROJECT	160864.001.01 - Casady Square, OK KSC		
SUBJECT	TARP Mount Program Spec Sheet		
DATE	05/04/22	PAGE	OF



TARP Mount Program Spec Sheet

BASIC WIND SPEED (mph)	Radial Ice (in)	Height (ft)	Exposure Category	Class	TOPO Category	Number of Mount Pipes / Sector	Average Allowable EPA w/o ice / pipe (ft sq)	Allowable Weight w/o ice / Sector (lbf)
109	1.5	70	C	II	1	6	13	1291



CITY OF NICHOLS HILLS

NOTICE OF PUBLIC HEARINGS CITY OF NICHOLS HILLS, OKLAHOMA CASE NO. PC-2022-05

Notice is hereby given that T-Mobile Central, LLC, represented by Branch Communications, LLC, has filed an application ("the Application") with the City of Nichols Hills, Oklahoma for approval of a special permit for the following described property:

Existing water tower located at the NW corner of Westminster Place and Greystone Avenue in Nichols Hills, Oklahoma.

The zoning of this property is "R-1-60" Single Family Residential. The Application requests a special permit to replace and/or add new antennas and other equipment for AT&T, to be located on or adjacent to the water tower owned by the City of Nichols Hills, Oklahoma. The Application and supporting documentation may be inspected in the office of the City Clerk during regular business hours.

The Application will be considered at public hearings to be held by the Nichols Hills Planning Commission on Tuesday, August 2, 2022 at 5:30 p.m., and by the Nichols Hills City Council on Tuesday, August 9, 2022 at 5:30 p.m. These public hearings will be held in the Council Chambers at Nichols Hills City Hall, 6407 Avondale Drive, Nichols Hills, Oklahoma, 73116.

Any person may address the Nichols Hills Planning Commission and Nichols Hills City Council at the public hearings. Written support for or protest against the proposed special permit may be mailed or hand-delivered to the City Clerk at 6407 Avondale Drive, Nichols Hills, Oklahoma, 73116. Written support or protests must be received by the City Clerk not less than three (3) days before the public hearing.

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

A hand-drawn architectural site plan of Westminster Abbey. The plan shows the layout of the church interior, including the choir, transepts, and nave. Key features labeled include the "STONE ALTAR" in the center, the "CHOIR" at the top, and the "WESTMINSTER" area at the bottom. Dimensions are provided for various sections, such as "10' x 10'", "10' x 12'", and "10' x 14'". A large circular feature is labeled "STONE ALTAR" with a dimension of "10' x 10'". A rectangular feature is labeled "CHOIR" with a dimension of "10' x 12'". A triangular feature is labeled "WESTMINSTER" with a dimension of "10' x 14'". A dashed line indicates the "CENTER OF WATER TOWER - 20' DIA". A label "GREYSTONE" points to a specific location on the left side. A north arrow is located at the bottom left corner.

Amanda Copeland
Amanda Copeland, City Clerk
City of Nichols Hills, Oklahoma



CITY OF NICHOLS HILLS, OKLAHOMA

Application for Special Permit Communication Device

Staff use only

Case # _____

Date filed _____

Fee receipt # _____

Twelve original sets and one electronic version of this completed application (including 12 original sets of the required attachments listed below) and the required fee should be submitted to the Nichols Hills City Clerk, 6407 Avondale Drive, Nichols Hills, Oklahoma 73116.

Applicant is encouraged to consult Sec. 50-127, *Communications Tower and Antenna Regulations*, of the Nichols Hills City Code when completing this Application. Note that Sec. 50-127 does not require a special permit for all communication devices.

This Application requires recommendation for approval by the Nichols Hills Planning Commission and approval of the Nichols Hills City Council.

Attach a separate sheet to provide complete answers if necessary.

Applicant's name: T-Mobile Central, LLC

Primary contact: Brittany Manley, Branch Communications, LLC, an agent on behalf of T-Mobile

Mailing address: 1900 NW Expressway, Ste. 800, Oklahoma City, OK 73118

Telephone number(s): (405) 549-7126

Email address(es): brittany.manley@branchcomm.net

This is an application to: [check all that apply]

- ☐ Construct a communication tower
- ☐ Locate an at-grade dish antenna(s) with a diameter exceeding two meters
- ☐ Locate an antenna or antenna array within a structure as an architectural element
- ☐ Install an additional antenna(s) or antenna array on an existing communications tower, sign structure, or municipal water tower
- ☒ Replace an antenna(s) or antenna array on an existing communications tower, sign structure, or municipal water tower
- ☐ Use the City's utility pole(s) (traffic signal poles, street light poles, and flag poles) associated with a distributed antenna system

Address or descriptive location of proposed device(s) ¹: 1800 BLK WESTMINSTER, NICHOLS HILLS, OK 7312

The following must be attached to this Application:

1. **Proof of authority.** Proof of applicant's authority to make this Application as to the property for which the special permit is desired by attaching a copy of the applicable deed evidencing applicant's ownership, a copy of the applicable lease evidencing applicant's leasehold interest, or an affidavit regarding ownership (a form for which is attached to this Application).
2. **Survey and site map.** Certified survey and detailed site map.

¹ If metes and bounds description, please attach.

3. **Project plans.** Detailed and certified project plans.
4. **Structural engineer review.** If a tower or architectural element is included, certified review by a licensed structural engineer.
5. **Scope of proposed work.** A narrative of the need for the proposed device(s) and proposed scope of work in non-technical language in sufficient detail for analysis by the City's Planning Commission and City Council.
6. **List of Owners of Abutting Property.** A report developed from the current records of the Oklahoma County Assessor and/or the Oklahoma County Clerk within the last 30 days, stating the names, addresses, and contact information for the owners of property abutting the proposed site. If the report is not certified by a licensed and bonded abstractor, Applicant will be responsible for the accuracy and completeness of the information in the report.

This Application will be considered officially submitted and filed only after it is examined by the Director of Public Works and the City Clerk and found to have met the applicable requirements of Sec. 50-127 and those set out in this Application and after the fee of \$750 as required by Sec. 50-327 of the Nichols Hills City Code has been paid. At that time, the City Clerk will set the Application for hearing before the Nichols Hills Planning Commission and the Nichols Hills City Council. Applicant will be advised of the date and time for those hearings. It is highly recommended that applicant attend (or have a representative attend) the hearings and be prepared to answer questions.

The above statements in this Application and all attachments to it are true and correct.

Submitted and agreed to this 14 day of July, 2022.

Signature: Brittany Manley

Print applicant's full legal name: Brittany Manley

Print signatory party's title if applicant is a legal entity: Brittany Manley, Branch Communications, LLC, an agent on behalf of T-Mobile Central, LLC

Form of affidavit regarding ownership**Affidavit**

STATE OF _____

COUNTY OF _____

[Full legal name], being first duly sworn, stated:

1. My name is **[full legal name]**. My address is **[full address]**. I am over the age of 18. I am a resident of the State of **[state]**. I have personal knowledge of the matters stated in this Affidavit.
2. I am the applicant for a special permit for a communication device pursuant to the Nichols Hills City Code.
3. I am the current and legal owner of the property in the City of Nichols Hills with the address of **[insert address]** and more particularly described as:

[Insert legal description]

4. This address and legal description accurately describe the property for which the special permit for a communication device is requested.

I declare to the best of my knowledge and belief that the information in this Affidavit is true, correct, and complete.

Executed this _____ day of _____, 202__.

[Full legal name]**Notary Acknowledgment**

Subscribed and sworn to before me this _____ day of _____, 202__.

Notary Public

My Commission Expires: _____

Comm. No. _____

This conveyance was approved on the _____ day of _____, 202__, by the City Council of the City of Nichols Hills, Oklahoma, pursuant to the Nichols Hills Subdivision Regulations as adopted by the Nichols Hills City Code.

By: _____

Printed name: _____

Title: _____

Return To:
Joyce Cobb
Sprint Spectrum
515 Central Park Drive #408
Oklahoma City, OK 73105

ORIGINAL

9.c.a

AGREEMENT

BOOK 6910 PAGE 0649

This AGREEMENT made this 12th day of March, 1996 by and between THE CITY OF NICHOLS HILLS and NICHOLS HILLS MUNICIPAL AUTHORITY, a Municipal Trust, hereinafter called the LESSOR, and Sprint Spectrum, L.P., a Delaware Limited Partnership, hereinafter called LESSEE.

WHEREAS, the LESSOR is the owner of a water tower located at the northeast corner of the intersection of Westminster Place and Greystone Avenue in Nichols Hills, Oklahoma, known commonly as the Nichols Hills / Westminster Water Tower and more fully described in Exhibit "A" attached hereto and made a part hereof, and

WHEREAS, LESSEE desires to lease antenna and equipment space inside and on said water tower and a site on which to construct a 7' x 16' concrete pad, which lease space is more fully described on Exhibit "B", attached hereto.

NOW THEREFORE, in and for the covenants, conditions, agreements and rents hereinafter set forth, and other good and valuable consideration, the adequacy of which is hereby acknowledged, LESSOR hereby leases to LESSEE, and LESSEE takes from LESSOR, approximately 112 square feet, including access, located in what is known as the City of Nichols Hills Public Works compound and antenna space inside the entire top of the structure of the said water tower.

The equipment space and antenna space inside the water tower described above is hereinafter referred to as the "Leased Premises". In addition, LESSOR grants to LESSEE the right to construct the necessary conduit and/or duct space inside and/or on the tower, for electrical wiring, telephone lines, and coaxial cable, pipes, tubes and appurtenances thereto, all of which are required by LESSEE as an integral part of its mobile communication facility. LESSEE shall be allowed to install, operate, maintain, replace and remove its communications equipment, and related cables, wires, conduit, antennas, air conditioning equipment, and other appurtenances as it may from time to time require. Although such equipment and appurtenances may become fixtures, they shall be and shall remain the property of LESSEE and LESSEE shall have the right to remove all of them at the expiration or termination of this Lease.

ARTICLE I

The initial term of this agreement shall be five (5) years, commencing on the first day of April, 1996, and extending through the 31st day of March, 2001. This Agreement shall automatically renewed for four (4) additional terms of five (5) years each, unless Lessee provides Lessor with written notice of intention not to renew not less than ninety (90) days prior to the expiration of the then-current five-year term. Notwithstanding the foregoing, either party may terminate this Agreement at any time upon twelve (12) months prior written notice to the other party.

The basic annual rental rate payable by Lessee to Lessor shall be Six Thousand Dollars (\$6,000.00). The rentals payable hereunder shall be paid annually on or before the first day of April of each year. Receipt of the rental for the first year of the lease term is hereby acknowledged by Lessor.

The annual rental payments to be made by Lessee to Lessor hereunder shall be adjusted at the end of each five (5) year period throughout the term of this agreement in accordance with the increase or decrease in the Consumer Price Index for All Urban Consumers ("CPI-U"), U.S. City Average, published by the department of Labor, Bureau of Labor Statistics, using for comparison the latest monthly CPI-U published during the five-year period then ending and the CPI-U for the

DOC NUMBER 96083691
BOOK 6910
PAGES 649 - 657
TIME 3:32:21
FEE 24.00
05/19/1996
Jack D. Graham - Ac
Oklahoma County Cle
RECORDED AND FILED

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

9/21

month five (5) years previous to such latest monthly CPI-U. However, in no case shall the annual rental rate drop below Six Thousand Dollars (\$6,000.00).

ARTICLE II

LESSOR shall permit the local electric and telephone utility companies providing services to LESSEE to extend their lines and facilities over, across and if necessary into LESSOR's property for such purposes.

LESSEE shall have a separate power meter installed for its electric service and LESSEE shall pay all costs related to said electric service.

ARTICLE III

LESSEE agrees that it will operate its equipment in a manner which will not interfere with LESSOR's existing communications systems or the existing equipment of any other tenant sharing the use of this locations. Should such harmful interference be identified as being caused by LESSEE's equipment, LESSEE shall immediately take every reasonable step to mitigate and eliminate said interference. LESSOR shall require that all future radio operators desiring to use this location will first coordinate with LESSEE to insure that their frequencies and antenna locations will be compatible with LESSEE'S so as to prevent such harmful interference. LESSOR further agrees not to permit other cellular telephone operators, other than LESSEE, to place or operate their equipment on the property or premises during the Term of this Agreement or any extension thereof.

If the City Manager or City Council of LESSOR shall reasonably determine that any such harmful interference caused by LESSEE's equipment adversely affects the ability of the police, the fire department or any other department or agency furnishing emergency services to carry out their duties and thereby endangers the health, safety and welfare of the public, LESSEE shall discontinue the use of its equipment until the interferences has been eliminated.

ARTICLE IV

It is understood and agreed that LESSEE's ability to use the Leased Premises is contingent upon its obtaining, either before or after the effective date of this Lease Agreement, all of the certificates, permits, and other approvals that may be required by any federal, state or local authorities. LESSEE shall make due and timely application for all such necessary certificates and approvals, and shall take no action which would adversely affect the status of the Leased Premises with respect to the proposed use there by LESSEE. In the event that any of such applications is finally rejected or any certificate, permit, license or approval issued to LESSEE is canceled or otherwise withdrawn or terminated by governmental authority so that LESSEE in its sole discretion will be unable to use the Lease Premises for its specified purposes, the LESSEE shall have the right to terminate this Agreement. Notice of said termination shall be given to the LESSOR in writing by certified mail. All rental paid for the lease of the property to said termination date shall be retained by the LESSOR. Upon such termination, this Agreement shall become null and void, and the parties shall have no further obligations, including the payment of money, to each other.

ARTICLE V

LESSEE shall indemnify LESSOR and hold LESSOR harmless against any claim of liability or loss from personal injury or property damage, which may arise out of LESSEE's negligence or willful misconduct in connection with the Leased Premises, excepting, however, such claims or damages as may be attributable in whole or in part to the acts or omissions of the LESSOR, or its agents, servants or contractors.

ARTICLE VI

LESSEE shall install its equipment and antennas approximately as shown on Exhibit "B".

The location of the equipment and property to be constructed and installed on the Leased Premises and on the water tower and LESSEE's use of said premises and water tower shall in no way interfere with the LESSOR's use thereof and the location of such equipment and property shall be approved by the City Manager of the City of Nichols Hills before being installed or constructed by LESSEE.

LESSEE shall at its expense complete all make ready work and install its equipment and antennas in accordance with plans and specifications prepared by LESSEE and submitted to LESSOR for approval. LESSOR shall have ten (10) days to review said construction plans and approve them, or in the alternative, to advise LESSEE of necessary changes. If LESSOR fails for any reason to approve said plans within a reasonable period of time, in the sole judgment of LESSEE, then LESSEE may at its option terminate this Agreement. LESSEE shall not commence construction until said approval has been received from LESSOR. LESSEE further agrees to comply with all applicable rules and regulations of the Federal Communications Commission and all applicable local building and electrical codes.

LESSEE shall, at its expense, repair all damages to LESSOR's water tower which are a direct result of LESSEE'S activities. If LESSEE fails to make such repairs within fifteen (15) working days after the damage occurs, LESSOR shall have the right to make all necessary and reasonable repairs and LESSEE shall reimburse LESSOR for its reasonable expense within three (3) days of LESSOR presenting to LESSEE a statement showing the cost of such repairs.

LESSEE represents and agrees that the installation and operation of its property and equipment shall not cause damage of any kind to LESSOR's water tower structure and that LESSEE shall in no way interfere with the use, repair and/or maintenance of such tower by LESSOR.

ARTICLE VII

LESSEE will procure and maintain a public liability policy, with limits of \$1,000,000.00 for bodily injury, \$1,000,000.00 for property damage, \$2,000,000.00 aggregate, with a certificate of insurance to be furnished to LESSOR within thirty (30) days of written request. Such policy will provide that cancellation will not occur without at least fifteen (15) days prior written notice to LESSOR.

ARTICLE VIII

LESSEE shall not be deemed to have abandoned the Leased Premises even though LESSEE may cease using the communications facilities for a period of time so long as LESSEE continues to pay all rental.

ARTICLE IX

If any portion of said water tower or equipment building pad site forming a part of the Leased Premises is destroyed or becomes damaged by fire, wind, water or other natural disaster not caused by or arising from LESSEE's gross negligence or willful misconduct so as to render the Leased Premises, in the sole judgment of the LESSEE, unfit in whole or in part for occupancy or use by the LESSEE, LESSOR may restore or cause to be restored the water tower and equipment building pad site within a reasonable period of time not to exceed sixty (60) days after the occurrence of said damage or destruction. If repairs are not made by LESSOR within sixty (60) days of the occurrence of said damage or destruction, LESSEE shall have the option of terminating this Lease.

ARTICLE X

LESSEE shall have full and free access to LESSEE's equipment and antennas twenty-four (24) hours per day, seven (7) days a week, provided that during any period of time when maintenance, repair or renovations to the water tower and the adjacent premises are in progress LESSEE shall have access to its equipment and antennas upon notice to LESSOR and will coordinate said operations with LESSOR.

LESSEE shall have access to the tower and the area around the tower, at reasonable times which shall not interfere with the maintenance or use of said tower and adjacent area by LESSOR, for the purpose of installing LESSEE's equipment and constructing its facilities. Once installations are made, LESSEE shall have reasonable access to the area for the purpose of maintenance of equipment on the tower and in the building.

ARTICLE XI

Notwithstanding anything to the contrary contained herein, LESSOR's prior written consent shall not be required, nor shall LESSOR have the right to cancel this Lease if LESSEE assigns or subleases, this Agreement or any interest herein to any corporation, partnership or other entity which (i) is controlled by, controlling or under common control with LESSEE, or (ii) shall merge or consolidate with or into LESSEE, or (iii) shall succeed to all or substantially all the assets, property and business of LESSEE.

ARTICLE XII

Should LESSEE fail to pay the rental hereinabove specified when the same shall become due and payable, or should LESSEE attempt to use the Leased Premises for any purpose other than that described herein above, or should the LESSEE attempt to assign or sublet this Lease without prior written consent of the LESSOR, except as provided for above, or should LESSEE in any way default in its performance of any of the conditions of this Lease, LESSOR may, at its option, thereupon declare this Lease terminated, provided, however, LESSOR shall have first given LESSEE notice in writing of said default. Upon receipt of such notice, LESSEE shall have thirty (30) days to

correct the condition or conditions and bring same into compliance with the terms of this Lease. If said conditions of default persist after thirty (30) days of notice thereof by LESSOR to LESSEE, then LESSOR may declare this Lease terminated. Upon written notice of said termination to LESSEE, LESSOR shall be entitled to possession of the above described Lease Premises; provided, however, that any such termination shall not relieve LESSEE of its obligations to pay any rental which may be due and payable to the date of said termination.

ARTICLE XIII

Any notice or demand made pursuant to this Agreement shall be sufficiently given if made by certified mail, in a sealed envelope, postage prepaid, and addressed as shown below:

LESSEE: Sprint Spectrum
Attn.: Bob Giguere
515 Central Park Dr., Suite 408
Oklahoma City, OK 73105

With a copy to:

Business Law Group
4717 Grand Avenue, Fifth Floor, MAILSTOP MOKCME0101
Kansas City, MO 64112

LESSOR: City of Nichols Hills
Attn.: City clerk
6407 Avondale
Nichols Hills, Oklahoma 73116
Tax ID: 73-6005346

Any such notice or demand shall be deemed to have been given or made at the time it is deposited in the United States Mail. LESSOR or LESSEE may from time to time designate any other address for this purpose by written notice to the other party.

ARTICLE XIV

LESSOR warrants that it has full right and power to execute and perform this Lease, and to grant the estate demised herein.

ARTICLE XV

Subject to the other terms of this Lease, LESSOR covenants that LESSEE shall, and may peacefully have, hold and enjoy the Leased Premises for the Lease Term free of any claims by any party claiming by, through or under LESSOR, provided that LESSEE pays the rent to be paid to LESSOR under this Agreement and performs all LESSEE's covenants and agreements herein contained.

ARTICLE XVI

Should LESSOR fail to perform any of its obligations hereunder, LESSEE may (but shall not be obligated to), enter upon the Leased Premises and perform all or any part of such obligations. LESSEE may deduct the cost of such performance from subsequent rental payments. No action taken

by LESSEE under this Section shall relieve LESSOR from any of its obligations under this Agreement or from any consequences or liabilities arising from the failure to perform such obligations.

ARTICLE XVII

LESSEE upon termination of this Agreement, shall within a reasonable period, remove its personal property and restore the Leased Premises as nearly as reasonably possible to its original condition, reasonable wear and tear expected.

ARTICLE XVIII

Any sale by the LESSOR of all or part of the Leased Premises to a purchaser other than LESSEE shall be under and subject to this Lease Agreement and LESSEE's rights hereunder.

ARTICLE XIX

This Agreement shall extend to and bind heirs, executors, administrators, successors and assigns of the parties hereto.

ARTICLE XX

At LESSOR's option, this Agreement shall be subordinate to any mortgage by LESSOR which from time to time may encumber all or part of the Leased Premises; provided, however, every such mortgage shall recognize the validity of this Agreement in the event of a foreclosure of LESSOR's interest and also LESSEE's right to remain in occupancy of and have access to the Leased Premises as long as LESSEE is not in default of this Agreement. LESSEE shall execute whatever instruments may reasonably be required to evidence this subordination clause.

ARTICLE XXI

This Lease Agreement and the performance thereof shall be governed, interpreted, construed, and regulated by the laws of the State of Oklahoma, and the parties hereto agree to the venue and personal jurisdiction of these courts.

ARTICLE XXII

The parties hereto declare that they have read and do understand each and every term, condition and covenant contained in this Agreement and in any document incorporated by reference. This lease includes the entire Agreement between the parties relating hereto and supersedes all prior or contemporaneous negotiations, commitments, representation, writings and/or oral understandings or Agreement. The parties signed this Agreement for the consideration herein expressed. Any addition to, variation or modification of this Agreement shall be void and ineffective unless in writing signed by the parties hereto.

ARTICLE XXIII

LESSEE represents that it is a Limited Partnership in good standing in the State of Delaware and qualified to do business as a Foreign Limited Partnership in the State of Oklahoma:

ARTICLE XXIV

LESSEE shall not have exclusive use or possession of any portion of the property and premises upon which the LESSOR's water tower and other facilities are located, except the equipment shelter to be constructed and installed by LESSEE, and LESSEE's rights hereunder shall be subject and subordinate to LESSOR's right to use and occupy said property and premises for any municipal purpose or purposes, so long as LESSOR's use does not unreasonably interfere with LESSEE's use hereunder.

IN WITNESS WHEREOF, the Parties hereto have duly executed this instrument the day and year first above written.

LESSOR

[SEAL]

ATTEST

Secretary

NICHOLS HILLS MUNICIPAL AUTHORITY

By:

Chairman

LESSOR

[SEAL]

ATTEST

City Clerk

CITY OF NICHOLS HILLS

By:

Mayor

LESSEE:

[SEAL]

ATTEST:

Secretary

Aliye Ann Johnson

SPRINT SPECTRUM, L.P.

By:

DIRECTOR

Version 2.0

12-18-95

EXHIBIT ASite Name Nichols Hills Water Tower

Site Description

Site I. D. OKC3016

Site situated in the City of Nichols Hills, County of Oklahoma, State of Oklahoma
commonly described as follows:

Legal Description: All of Lots 24 and 25 in Block 108 in plat of Blocks 108 to 109 inclusive and Blocks 112 and 113, WILSHIRE SECTION, an addition in Oklahoma County, Oklahoma, according to the recorded plat thereof.

Owner Initials _____

SSLP Initials _____

12-18-95

Site I. D. QKC3015

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

NOTICE TO PROCEED

Site ID No. OK03XC315
Date 3-1-95
Site Name Nichols Hills Water Tower
Street 1800 Block of Westminister
City Nichols Hills
State OK
Zip _____

County OK
Parcel No. _____

Type of Structure x Tower(Guyed Self Supporter Monopole) Building
Structure Height _____

Latitude _____

Required Build Height _____

Longitude _____

Ground Elevation _____

AMSL
USGS Map _____

Dimensions of Site _____

Access From _____

Present Use _____

Directions to Site _____

Description of Site All of Lots 24 & 25 in Block 108 in plat of Blocks 106 to 109 inclusive and Blocks 112 & 113, WILSHIRE SECTION, an addition to Oklahoma County, Oklahoma, according to the recorded plat thereof
Owner City of Nichols Hills
Street 6407 Avondale Dr
City Nichols Hills
State OK
Zip 73116-6481
Telephone 843-6637
Contact Russ Fields,
Title Public Works Director
Street 6407 Avondale Dr
City Nichols Hills
State OK
Zip 73116
Telephone 843-5222
REQUEST FOR:
Feasibility Study
Requested _____

Completed _____

Survey
Requested _____

Completed _____

Site Walk
Requested _____

Completed _____

Site Acquisition Specialist Charlie Sherwood
Date _____

Approved _____

Date _____

Capital Land Services, Inc.
Approved _____

Date _____

Sprint Spectrum L.P.

CITY OF NICHOLS HILLS
Public Works Department - Code Division
Nichols Hills, Oklahoma 73116 • Phone (405) 843-5315

Nº 20731

Received Of Sprint Telecommunications Date 3/25 19 96
Six thousand and no/100 - Dollars \$ 6000/00
How Paid Cash ☒ Ck ☐
Lease - Apr. 1996 -
Misc By Margaret Peterson

NOTICE TO PROCEED

 Site ID No. OK03XC315

 Date 3-1-95

 Site Name Nichols Hills Water Tower

 Street 1800 Block of Westminster

 City Nichols Hills

 State OK

Zip _____

 County OK

Parcel No. _____

 Type of Structure x Tower(Guyed Self Supporter Monopole) Building

Structure Height _____

Latitude _____

Required Build Height _____

Longitude _____

Ground Elevation _____

AMSL

USGS Map _____

Dimensions of Site _____

Access From _____

Present Use _____

Directions to Site _____

 Description of Site All of Lots 24 & 25 in Block 108 in plat of Blocks 106 to 109 inclusive and Blocks 112 & 113, WILSHIRE SECTION, an addition to Oklahoma County, Oklahoma, according to the recorded plat thereof

 Owner City of Nichols Hills

 Street 6407 Avondale Dr

 City Nichols Hills

 State OK

 Zip 73116-6481

 Telephone 843-6637

 Contact Russ Fields,

 Title Public Works Director

 Street 6407 Avondale Dr

 City Nichols Hills

 State OK

 Zip 73116

 Telephone 843-5222

REQUEST FOR:

Feasibility Study

Requested _____

Completed _____

Survey

Requested _____

Completed _____

Site Walk

Requested _____

Completed _____

 Site Acquisition Specialist Charlie Sherwood

Date _____

Approved _____

Capital Land Services, Inc.

Date _____

Approved _____

Sprint Spectrum L.P.

Date _____

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

TOWER LOCATION CERTIFICATE

I, Melfred R. Loyall, Jr., a Registered Land Surveyor, hereby certify that this Tower Location Survey was prepared for Sprint Spectrum, Inc., for the purposes of permitting and constructing a tower located on the following described property:

SITE: OKC-3015A

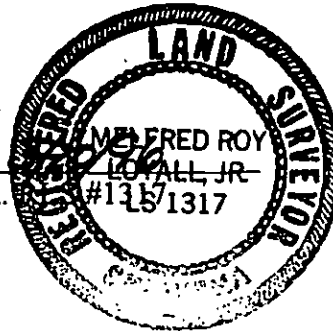
Nichlos Hills Water Tower Located in the 1800 Block of Westminister, Greystone & Westminister (NE Corner), Oklahoma City, Oklahoma.

I further certify that the following is an accurate location for the proposed tower based on this survey:

Latitude:	35°33'31.146646"
Longitude:	97°33'28.907664"
Elevation of Ground:	1218.68' (Concrete Pad as Surveyed)
Height of Water Tower:	129.52 feet (Per City Drawings)
Elevation Top of Tower:	1348.20 (Calculated)
Horizontal Datum:	NAD 83
Vertical Datum:	NAVD 88

I further certify that the information contained herein is true and correct to the best of my knowledge and belief.

M R Loyall Jr
Melfred Roy Loyall, Jr., OK.



Prepared by: MRL LAND SURVEYING CO.
P.O. BOX 391
203 N. BICKFORD, SUITE 2
EL RENO, OK., 73036
(405) 262-0249

Sprint PCS Lease/Option Check List

This document is to be completed and attached to each Lease Agreement prior to submission to SPCS Director for signature. A copy of the Legal Review of the Lease and Title report are also required attachments. Please complete each portion of this Check List completely, sign, and place original in the Site Permanent File after appropriate approvals.

Site Information

Cascade Number: OKO3XC315 Site ID: 315 Site Name: Nichols HILLS PA#:
 Site Address: 1009 NW 75th City/County: Oklahoma City 73116
 Lease Area Roof Top Tower Replacement Existing Tower New Build X Add'tnl Ground Space
 Final RF Rank: 1 Capacity Expansion Fill-in X IOS Test Project
 This is an Option Agreement ☐ Final Lease X

Landlord Information

Landlord City of Nichols Hills Contact/Number: (405) 843-5222
 Address: 6407 Avondale Drive City: Nichols Hills City St: OK Zip: 73116

Terms

Initial Term: 1(yrs.)
 Renewal Terms: 0
 Total Term: 0
 Commencement Date: 9/1/96

Add'tnl Space

1(yrs.)
 1
 0yrs.
 9/1/99

Finance Approval Required if any of the following checked positive:
☐ Non-Standard Lease
☐ Transfer of Ownership
☐ Upfront or Irregular Payments Scheduled
☐ Monthly Rent is greater than \$2000
☐ Build to Suit Lease
☐ Non-cancellable term greater than 5 years

Binder Amount: 0
 Monthly Lease: \$500
 First Year Lease Amount: \$6000.00 Esc.CPI
 Total Lease Amount: \$150,000.000

0
 \$500.00
 \$6,000.00 Esc.CPI

Conditions

Variation From Standard Lease: this is the exact same lease SSLP approved and executed with the city originally in 1996. The city will not accept any changes from this original document.

Describe Drop-in exhibits used : Exhibit "A" Legal Description, Exhibit "B" Site Description

x Unrestricted 24-7 access provided

Validation

Legal Review by: Bob Buchanan Title Status: OK

Approved: Karen A. Litchell Date: 8/6/99
 Sr. Property Specialist

Approved: [Signature] Date: 8/6/99
 Site Development Manager

Approved: Bella M. Long Date: 8/6/99
 Site Development Director

Approved: _____ Date: _____
 Regional Finance Manager

Approved: _____ Date: _____
 Kurt Bagwell - Vice President - Site Development

Approved: _____ Date: _____
 Director, TS&NO Finance

Approved: _____ Date: _____
 Keith Paglusch - Senior Vice President

Approved: _____ Date: _____
 VP, Finance Operations

H&S SURVEYING, INC.
"Surveying and Mapping Professionals"
201 N. Bickford
El Reno, OK. 73036
Ph: (405) 262-0249 Fax: (405) 262-5107

February 25, 2022
Branch Communications
1-A CERTIFICATION

Site ID No.: OK01538A
H&S No.: 3012.1206

This is to certify that the base of an existing tower lying within the subject site has the following geographic location within a 1-A tolerance.

Latitude & Longitude (to within Twenty (20) feet)

Latitude: 35°33'31.147" (NAD 83)
Longitude: 97°33'28.910" (NAD 83)

Base Elevation – (to within three (3) feet)

AMSL Elevation: 1217.91 (NAVD 88)
AMSL Elevation: 1217.46 (NGVD 29)

Top of Tower Elevation – (to within three (3) feet)

AMSL Elevation 1346.10 (NAVD 88)
AMSL Elevation 1345.65 (NGVD 29)

Existing Overall Height – (to within three (3) feet)

AMSL Elevation 1352.10 (NAVD 88)
AMSL Elevation 1351.65 (NGVD 29)

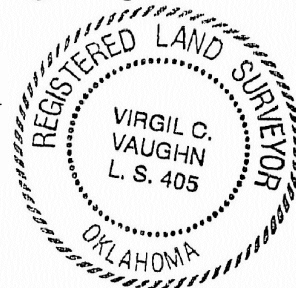
And that the above information is true and correct to within the given specifications.

Virgil C. Vaughn

Virgil C. Vaughn, OK. L.S # 405
CA # 1600, Exp. 06/30/2023

02-25-22

Date



SITE SURVEY OF A PROPOSED 12'X 20' LEASE SITE
IN A PART OF THE NE/4 & SE/4 OF SECTION 31,
T13N-R3W, OKLAHOMA COUNTY, OKLAHOMA

PROPERTY BOUNDARY DESCRIPTION

All of Lots 24 and 25 in Block 108 in plat of Blocks 106 and 108 inclusive and Blocks 112 and 113, WILSHIRE SECTION, an addition in Oklahoma County, Oklahoma, according to the recorded plat thereof.

PROPOSED SITE LYING IN A PART OF THE
NE/4 & SE/4 OF SECTION 31, T13N-R3W
OKLAHOMA COUNTY, OKLAHOMA

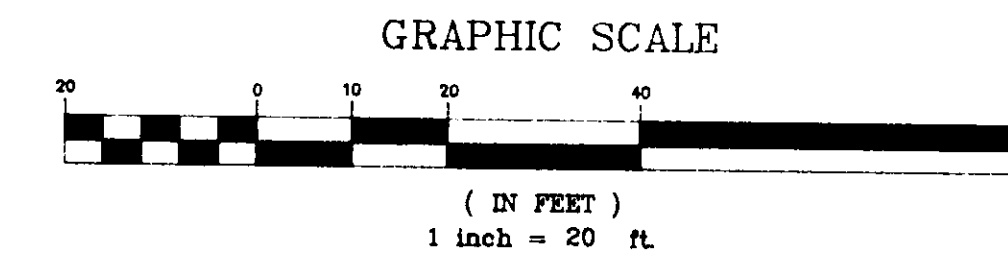
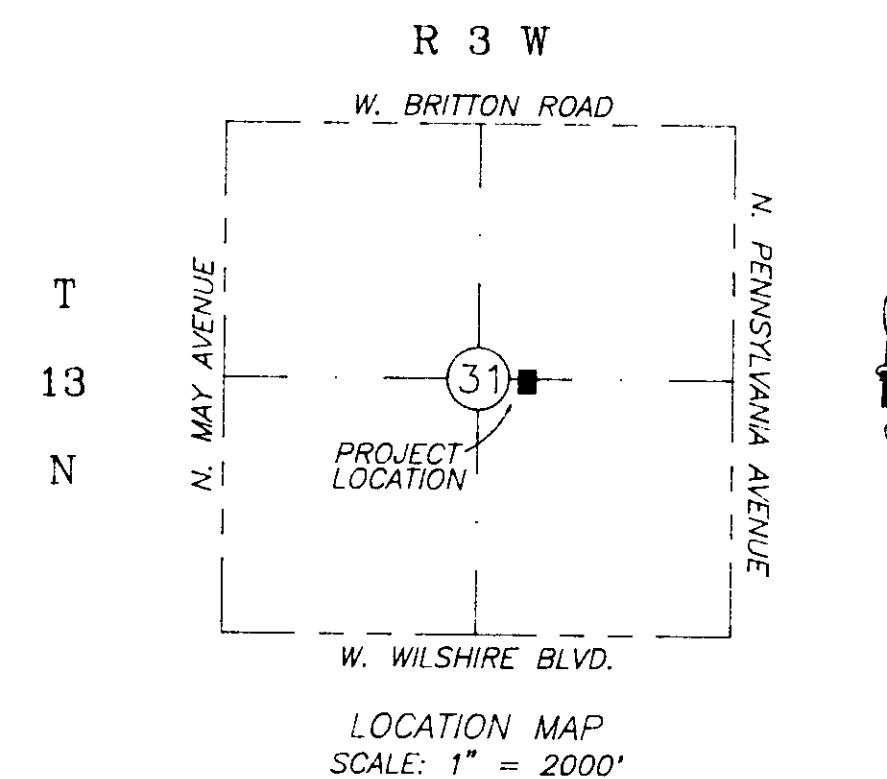
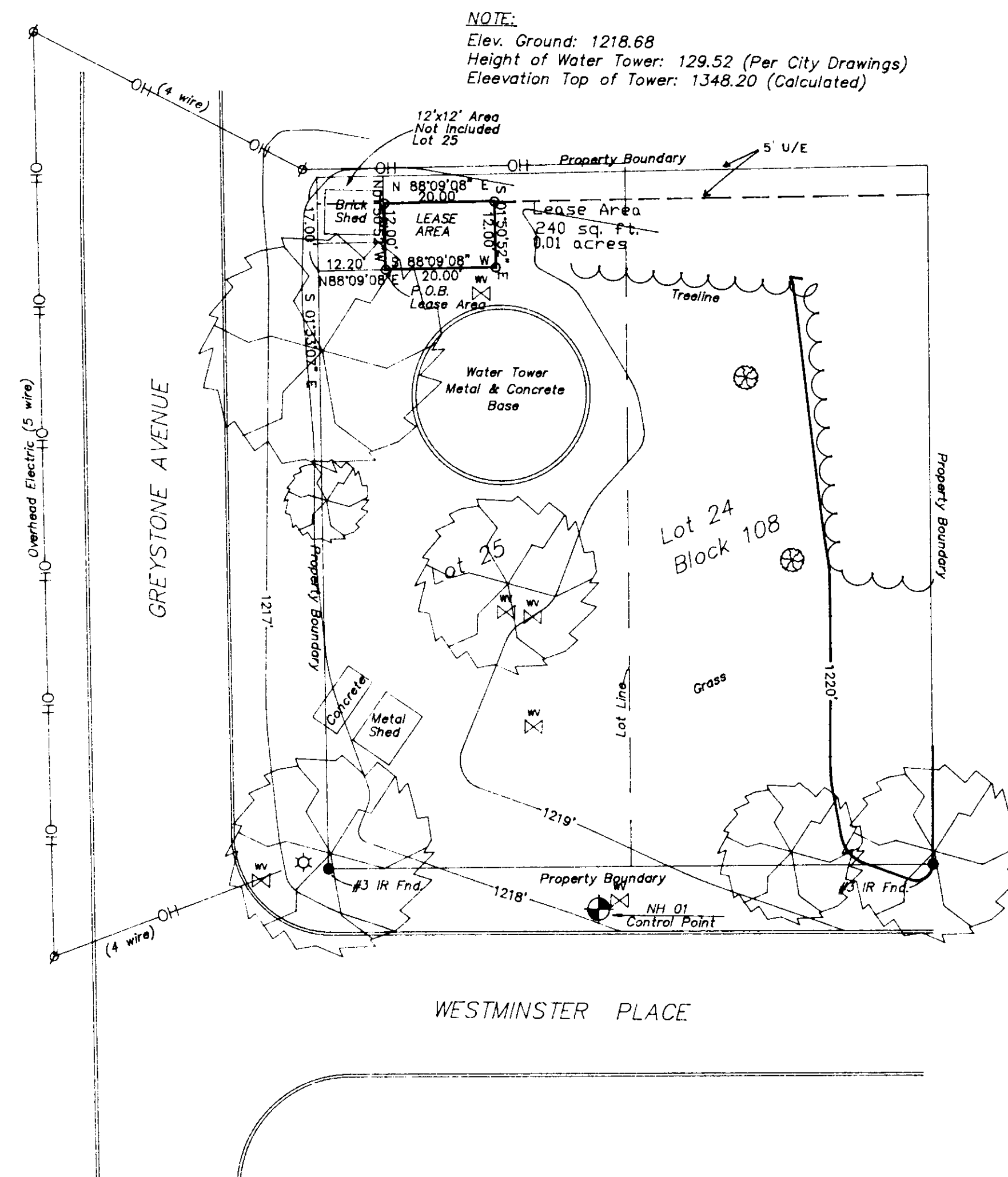
A twelve feet (12.0) by twenty feet (20.0) feet site lying in and being a part of Lot Twenty-Five (25), Block One-Hundred Eight (108), replat of Blocks One-Hundred-Six (106) to One-Hundred-Nine (109), inclusive, Wilshire Section, an addition to Oklahoma City, Oklahoma County, Oklahoma according to the recorded plat thereof, said site being more particularly described as follows:

Commencing at the Northwest corner of said Lot 25; Thence S 01°33'07" E, along the West line of said Lot 25, a distance of 17.00 feet; Thence N88°09'08"E, a distance of 12.20 feet, to the true point and place of beginning, said point being the Southwest corner of said site; Thence N 01°50'52" W, a distance of 12.00 feet; Thence N 88°09'08" E, a distance of 20.00 feet; Thence S 01°50'52" E, a distance of 12.00 feet; Thence S88°09'08" W, a distance of 20.00 feet, to the point of beginning.

Containing an area of 240 square feet or 0.006 acres, more or less.

I, Kenneth E. Hauk, Oklahoma Registered Land Surveyor No. 1300, do hereby state that this survey represents a careful survey made by me or under my supervision and is true and correct to the best of my knowledge and belief.

Kenneth E. Hauk
Kenneth E. Hauk, OK RLS #1300



LOCATION/DESCRIPTION	LATITUDE	LONGITUDE	NORTHING (FEET)	EASTING (FEET)	ELEVATION
NH 01 Control Point	35°24'44.158438"	103°54'16.906869"	203565.51445	209980.58230	1218.17'
NH 02 Control Point	35°33'29.792861"	97°33'11.622376"	203528.92548	210139.321440	1212.86'
SE SITE	35°24'45.292987"	103°54'17.231962"	203681.65784	209960.6936	1218.93'
SW SITE	35°24'45.271605"	103°54'17.472527"	203681.01296	209940.70476	1218.74'
NW SITE	35°24'45.392768"	103°54'17.486000"	203693.00672	209940.31783	1218.85'
NE SITE	35°24'45.411150"	103°54'17.245426"	203693.65162	209960.30817	1218.91'

⊙ Denotes #3 Iron Rod Set

LEGEND	
⊙ LIGHT POLE (U/G ELEC)	— G — GAS LINE
⊙ LIGHT POLE (O/H ELEC)	⊙ GAS METER
⊙ POWER POLE	— T — TELEPHONE LINE
⊙ GUY LINE	⊙ TELEPHONE RISER
⊙ OVERHEAD ELECTRIC	⊙ SANITARY SEWER MANHOLE
⊙ U/G ELECTRIC	⊙ SANITARY SEWER LINE
⊙ WATER LINE	⊙ STORM SEWER MANHOLE
⊙ WATER METER	⊙ STORM SEWER LINE
⊙ WATER VALVE	
⊙ FIRE HYDRANT	

NO.	REVISION	DATE	BY



SURVEYING & MAPPING BY:
MRL LAND SURVEYING CO.
CA 1600 (LS) EXPIRES: 6/30/97
203 N. BICKFORD, SUITE 2
EL RENO, OK. 405-262-0249

1800 Block of Westminister & Greystone (Nichols Hills, OKC)

Boundary & Topographic Survey Of:
OKC-3015A
Nichols Hills, Oklahoma County, Oklahoma
PREPARED FOR:
SPRINT SPECTRUM L.P.
Oklahoma City, Oklahoma.

Bearings Based on Geodetic North
Established: 3/20/96
Datum: NAD83

DATE: 5/9/96	SCALE: 1" = 20'
FIELD WORK: RM	SHEET 1 OF 1
OFFICE WORK: SDF	
CHK'D BY: MRL	JOB NO.: 3003.0065

CONSTRUCTION NOTES



SPRINT SITE NUMBER:

OK03XC315

T-MOBILE SITE NUMBER:

OK01538A

T-MOBILE PROJECT TYPE:
REPLACEMENT_CONSOLIDATION

APPROVAL SIGNATURE BLOCK

THE FOLLOWING PARTIES HAVE REVIEWED THESE DOCUMENTS.			
ALL DOCUMENTS ARE SUBJECT TO REVISION BY THE LOCAL ZONING BUILDING DEPARTMENTS AND MAY IMPOSE CHANGES OR MODIFICATIONS.			
SITE ACQUISITION (PRINT)	SITE ACQUISITION	☐ APPROVED ☐ REJECTED	DATE
RF ENGINEER (PRINT)	RF ENGINEER	☐ APPROVED ☐ REJECTED	DATE
CONSTRUCTION MANAGER (PRINT)	CONSTRUCTION MANAGER	☐ APPROVED ☐ REJECTED	DATE
OPERATIONS (PRINT)	OPERATIONS	☐ APPROVED ☐ REJECTED	DATE
PROJECT MANAGER (PRINT)	PROJECT MANAGER	☐ APPROVED ☐ REJECTED	DATE



**T-MOBILE PROJECT TYPE:
REPLACEMENT_CONSOLIDATION**

T-MOBILE SITE NUMBER:

OK01538A

T-MOBILE SITE NAME:

OK03XC315

CITY OF NICHOLS HILLS SITE NUMBER: **N/A**

N/A

CITY OF NICHOLS HILLS SITE NAME: **N/A**

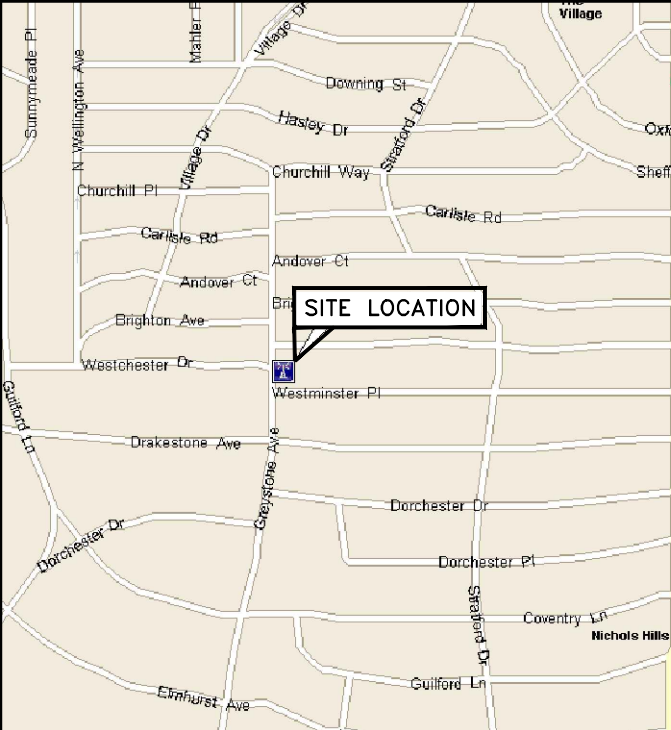
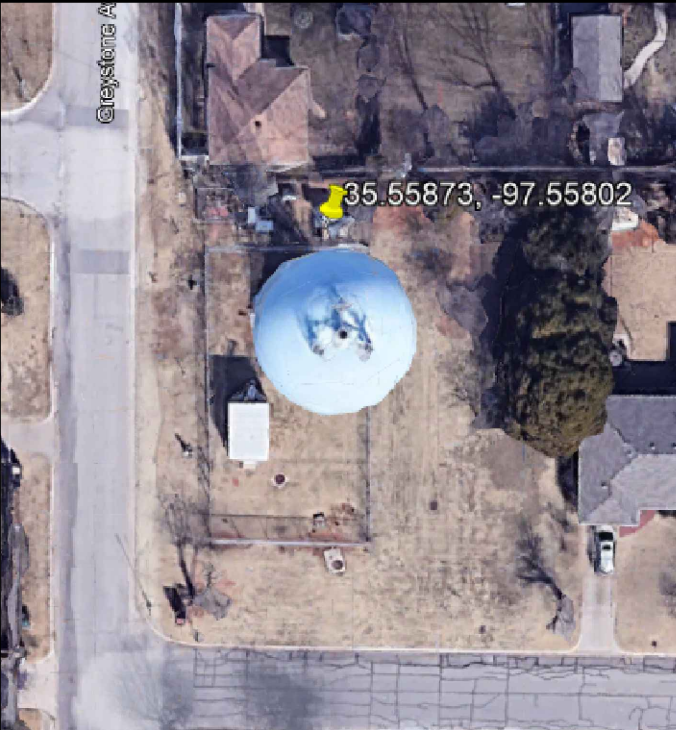
N/A

SITE ADDRESS:

1800 BLK WESTMINSTER

NEW EQUIPMENT AND ANTENNAS ON: **EXISTING 124' WATER TANK**

RFDS VERSION: OK01538A_REPLACEMENT_1_03/16/2022

SITE INFORMATION	VICINITY MAP	AERIAL MAP	DRAWING INDEX	
T-MOBILE PROJECT TYPE: REPLACEMENT_CONSOLIDATION SITE NAME: OK03XC315 SITE NUMBER: OK01538A SITE ADDRESS: 1800 BLK WESTMINSTER COUNTY: OKLAHOMA COUNTY JURISDICTION: CITY OF NICHOLS HILLS OCCUPANCY TYPE: UNMANNED A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. APPLICANT: T-MOBILE 4533 ENTERPRISE DR OKLAHOMA CITY, OK 73128 CUSTOMER SERVICE 800-318-9270 PROPERTY OWNER: N/A N/A SITE COORDINATES (NAD 83): LATITUDE: N. 35 33' 31.143" N LONGITUDE: W. -97 33' 29.167" W GROUND ELEVATION: 1214' (AMSL) TOWER_OWNER: CITY OF NICHOLS HILLS SITE NAME: N/A SITE NUMBER: N/A DESIGNER: BRANCH COMMUNICATIONS, LLC 7335 SOUTH LEWIS AVE. STE. 300 TULSA, OK. 74136 CONTACT: BRIAN HEIMBACH PHONE: (918) 863-4601 ARCHITECT/ENGINEER: BRANCH ENGINEERING, LLC. 7335 S. LEWIS AVE., SUITE 300 TULSA, OK. 74136 CONTACT: JEROD R DOTSON PHONE: (918) 949-4551 TELEPHONE COMPANY: N/A N/A POWER COMPANY: OG&E 800-272-9741 NATURAL GAS: ON FILE ON FILE			NO	DESCRIPTION
			T1	TITLE SHEET
			GN1	GENERAL NOTES
			C1	OVERALL SITE PLAN
			C1.1	LEASE LOCATION
			C2	EXISTING ENLARGED SITE PLAN
			C2.1	PROPOSED ENLARGED SITE PLAN
			C3	TOWER ELEVATIONS
			C4	EXISTING AND PROPOSED ANTENNA PLANS
			C5	ANTENNA SCHEDULE
C6-C21	EQUIPMENT DETAILS			
C22	GENERATOR SPECIFICATIONS			
C23	ATS SPECIFICATIONS			
E1	EQUIPMENT UTILITY PLAN			
E2	ONE-LINE DIAGRAM AND DETAILS			
G1	EQUIPMENT GROUNDING PLAN			
G2	GROUNDING DETAILS			
G3	GROUNDING DETAILS			

VENDOR:

9.c.a



BRANCH COMMUNICATIONS
7335 SOUTH LEWIS AVE. STE. 300
TULSA, OKLAHOMA 74136
(918) 949-4551

PRODUCED BY:



BRANCH ENGINEERING LLC
7335 SOUTH LEWIS AVE. STE. 300
TULSA, OKLAHOMA 74136
(918) 949-4551

COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:
1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

NO	DATE	DESCRIPTION	
A	01/25/22	PRELIMINARY ISSUE	BI
B	02/18/22	PRELIMINARY ISSUE	BI
C	04/08/22	PRELIMINARY ISSUE	BI
0	06/03/22	CONSTRUCTION ISSUE	BI
1	07/14/22	CONSTRUCTION ISSUE	BI

SHEET TITLE:

TITLE SHEET

SHEET NUMBER: T1	PROJECT #: OK01538A		REVISION 1
	BY: BDH	CKD BY: BDH	

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet:GN1 - User: Brian.Heimboch - Jul 14, 2022 - 2:39pm

GENERAL CONSTRUCTION NOTES:

1. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
2. GENERAL CONSTRUCTION, ELECTRICAL AND ANTENNA DRAWINGS ARE INTERRELATED IN PERFORMANCE OF THE WORK, EACH CONTRACTOR MUST REFER TO ALL DRAWINGS. ALL COORDINATION TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
3. DRAWING PROVIDED HERE ARE N.T.S. AND ARE INTENDED TO SHOW OUTLINE ONLY.
4. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN OF THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING., FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK, THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION, THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, EQUIPMENT. TOOLS, LABOR AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
5. ALL BUILDING DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. IF NEW SHELTER IS PROPOSED, CONTRACTOR MUST HAVE SHELTER MANUFACTURERS SHELTER DRAWINGS PRIOR TO CONSTRUCTION COMMENCEMENT. NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED. THE CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS (SIGNED AND SEALED OR BUILDING OFFICIAL APPROVED)..
LATEST REVISION AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS, PROVIDE CONTACT INFORMATION TO PROJECT MANAGER.
6. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
7. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) OWNERS REPRESENTATIVE OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTORS'S PROPOSAL OR PERFORMANCE OF WORK.
8. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
9. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CONTRACTOR.
10. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
11. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF SPECIFIED QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS, ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
12. THE CONTRACTOR SHALL VERIFY ALL EXISTING TOPOGRAPHY AN HORIZONTAL GEOMETRY AS INDICATED ON THESE DRAWINGS. THE CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES AND SERVICES. CONTRACTOR IS TO MAINTAIN REQUIRED HORIZONTAL CLEARANCE FROM THE CENTERLINE OF EXISTING POWER LINES AS DETERMINED BY THE ELECTRICAL POWER COMPANY. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR INTERFERENCE WHICH AFFECT THE WORK UNDER THIS CONTRACT.
13. FLAGGERS SHALL BE REQUIRED AS NEEDED IN RIGHT OF WAYS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL AND OSHA SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
15. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND IT'S COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS, THIS INCLUDES, BUT IS NOT LIMITED TO THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
16. IF ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THE DRAWINGS & OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONST. MGR & SHALL NOT PROCEED WITH ANY WORK THAT WOULD BE AFFECTED.

GENERAL CONSTRUCTION NOTES CONT:

17. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE A MINIMUM OF 5 YEARS OF TELECOM EXPERIENCE IN THE PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT THEY DO HAVE THE SUFFICIENT EXPERIENCE AND ABILITY, THAT THEY ARE PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF THIS PROJECT.
18. ALL HARDWARE MANUFACTURER'S ASSEMBLY INSTRUCTION SHALL BE FOLLOWED EXACTLY AND SHALL SUPERCEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
19. BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWING ARE INTENDED TO AID CONTRACTOR.
20. CONTRACTOR SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
21. THE CONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT WITHOUT WRITTEN AUTHORIZATION FROM OWNER, OWNERS REPRESENTATIVE OR ENGINEER.
22. THE CONTRACTOR SHALL NOTIFY THE TOWER OWNERS REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL THAT CONFLICT IS RESOLVED BY TOWER OWNERS REPRESENTATIVE.
23. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
24. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
25. "KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY SUBCONTRACTOR.
26. ALL MATERIALS AN WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.
27. 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) OFFICIAL.
28. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWINGS.
29. LOCATION OF EQUIPMENT, CONDUITS AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE COORDINATED WITH FIELD CONDITIONS PRIOR TO ROUGH IN.
30. ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
31. ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
32. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES, CODES, REGULATIONS, INCLUDING OSHA, NCE, AISC, ACI AND ANSI/TIA/EIA-222.
33. THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO PROTECT EXISTING STRUCTURES, UTILITIES, WALKWAYS, PAVEMENT AND OTHER FACILITIES FROM UNNECESSARY EXPOSURE TO DAMAGE; ALL NEW UNDERGROUND TRENCHING SHALL BE HAND DUG WHEN NECESSARY.
34. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES, PIPES, AND GROUND WIRES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. EXCAVATION IS TO BE CONDUCTED IN SUCH A MANNER THAT NO DAMAGE TO SAID FACILITIES IS LIKELY TO OCCUR.
35. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE SAFETY AND IF NECESSARY THE REPAIR OF ALL PUBLIC UTILITIES SERVICES SUCH AS GAS, TELEPHONE, ELECTRIC CABLE AND WATER.
36. DO NOT INTERRUPT SERVICE TO ADJACENT STRUCTURES OR FACILITIES WITHOUT WRITTEN PERMISSION FROM THE PROPERTY OWNER.
37. EROSION CONTROL MEASURES SUCH AS SILT FENCING AND/OR HAY BALES SHALL BE UTILIZED TO PREVENT AND DEBRIS FROM CONTAMINATING ADJACENT PROPERTIES, ROADS AND AREAS.
38. COMMENCEMENT OF CONSTRUCTION SHALL BEGIN ONLY WITH THE WRITTEN APPROVAL OF THE OWNER OR OWNERS REPRESENTATIVE; ALL CONSTRUCTION AND MATERIAL ORDERING (WITH EXCEPTION OF THE TOWER) SHALL BE DONE WITH DRAWINGS LABELED ISSUED FOR CONSTRUCTION.
39. NO DUMPING SOILS ON SITE OR LEASE AREA. DEBRIS MUST BE HAULED OFF. NO BURNING OF TRASH ON SITE.
40. THE CONTRACTOR IS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS SHALL NOT EXCUSE THE CONTRACTOR FORM COMPLETING THE WORK IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS, SO AS TO RESULT IN A SYSTEM THAT FUNCTIONS FULL AS INTENDED BY THE DRAWINGS.

GENERAL CONSTRUCTION NOTES CONT:

41. ALL SAFETY HAZARDS MUST BE MARKED WITH WARNING TAPE OR SAFETY FENCE.
42. NEW BUILD CONTRACT WILL INCLUDE LEVELED BUILDING PAD, ACCESS ROAD AND ENTRANCE GATES, AND EROSION CONTROL.
43. ANY ACCIDENTS ON SITE MUST BE REPORTED TO CLIENT WITHIN 2 HOURS OF THE EVENT.
44. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE RESIDENT LEASING AGENT FOR APPROVAL.
45. THE SUBCONTRACTOR SHALL INSTALL OWNER OR ANY JURISDICTION AUTHORITY SIGNAGE, WARNING OR HAZARD AS REQUIRED.
46. SEED AND MULCH ALL DISTURBED AREAS NOT COVERED BY OTHER MATERIALS IN ACCORDANCE WITH LOCAL SPECIFICATIONS, AS REQUIRED BY LOCAL ORDINANCES.
47. THE CONTRACTOR SHALL MAINTAIN A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE, UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE OF THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
48. THE CONTRACTOR SHALL SUBMIT, AT THE END OF THE PROJECT, A COMPLETE SET OF "AS BUILT" DRAWINGS TO TOWER OWNERS PROJECT MANAGER.
49. THE CONTRACTOR MUST PROVIDE CLOSE OUT DOCUMENTS AT THE FINAL INSPECTION WALK BEFORE PAYMENTS WILL BE MADE.

VENDOR:

9.c.a

T-Mobile

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BRANCH ENGINEERING LLC
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(918) 949-4551

COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

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SHEET TITLE:

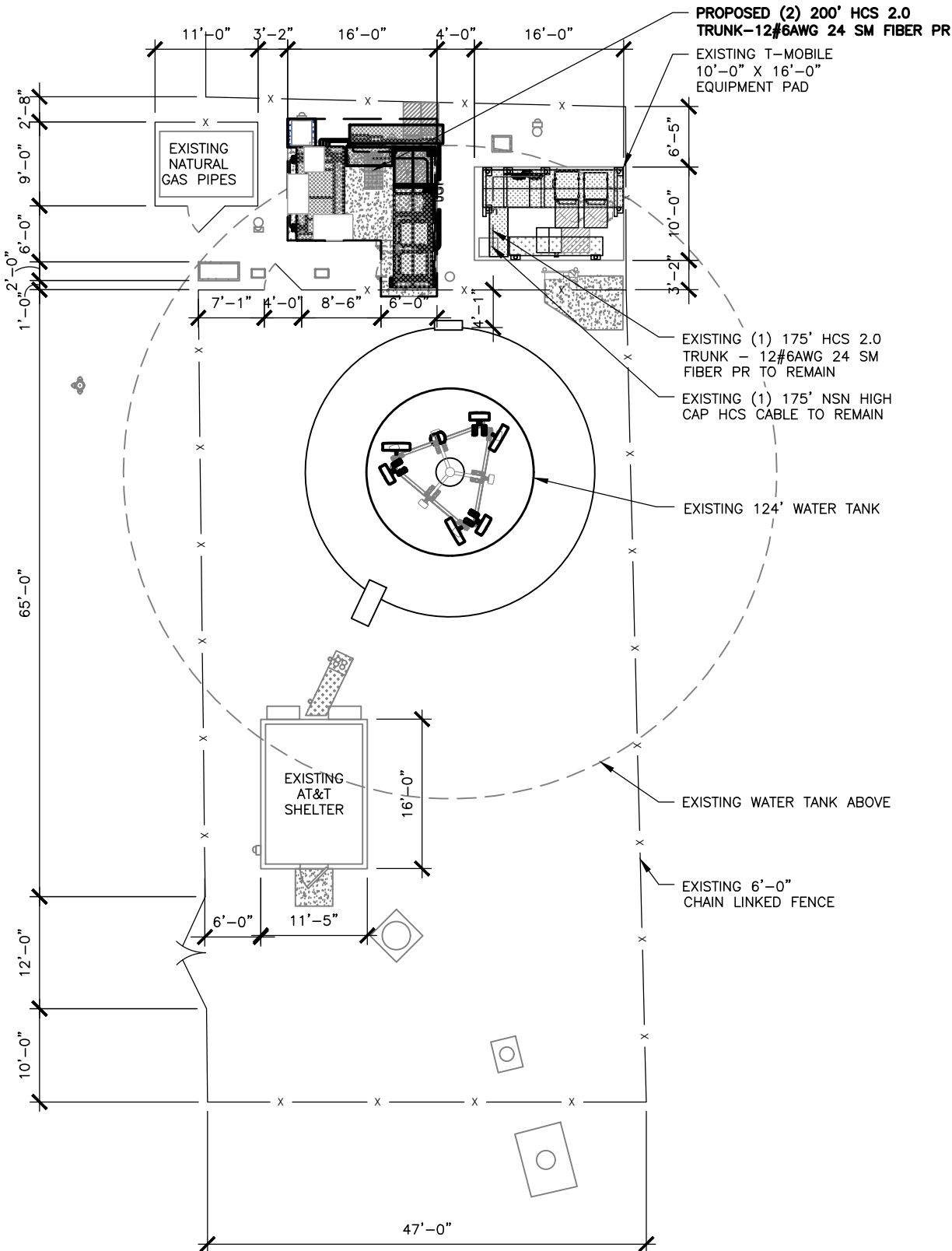
GENERAL NOTES

SHEET NUMBER:	PROJECT #:	REVISI
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BY:	CKD BY:	
BDH	BDH	

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: C1 - User: Brian.Heimbach - Jul 14, 2022 - 2:39pm

- GENERAL NOTES:**
- ELEVATIONS ARE U.S.G.S. DATUM.
 - ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY THE GENERAL CONTRACTOR WITH THE LOCAL UTILITY COMPANY, TELEPHONE COMPANY AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.
 - DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
 - DO NOT SCALE BUILDING DIMENSIONS FROM DRAWINGS.
 - ANY DRAIN AND/OR FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS CONSTRUCTED DRAWINGS BY THE GENERAL CONTRACTOR AND ISSUED TO THE ENGINEER AT THE COMPLETION OF THE PROJECT.
 - ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY, DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, BOTH HORIZONTALLY AND VERTICALLY PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS THE CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE. THE CONTRACTOR SHALL CALL LOCAL DIGGER HOT LINE FOR UTILITY LOCATIONS 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
 - ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO INSPECTION OF FINAL WORK.
 - THE BUILDING DEPARTMENT ISSUING THE BUILDING PERMIT SHALL BE NOTIFIED AT LEAST 2 WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK OR AS STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.
 - GRADING OF THE SITE WORK AREA IS TO BE SMOOTHED AND CONTINUOUS IN SLOPE AND IS TO FEATHER INTO EXISTING GRADES AT THE GRADING LIMITS.
 - ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
 - STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 100% OF MAXIMUM STANDARD PROCTOR DRY DENSITY.
 - NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.
 - ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFTS THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
 - ANY FILLS PLACED ON EXISTING SLOPES THAT ARE STEEPED THAN 10 HORIZONTAL TO 1 VERTICAL, SHALL BE PROPERLY BENCHED INTO THE EXISTING SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
 - THE GRADES WITHIN THE FENCED-IN AREA ARE TO BE ACHIEVED BY COMPACTING CLEAN FILL TO A DENSITY OF 90% OF STANDARD PROCTOR COVERING THE AREA WITH 6 MIL. VISQUENE (1' OVERLAP AT SEAMS) FOR WEED SUPPRESSION, THEN ACHIEVING FINISHED GRADE BY ADDING 6" OF 3/4" CRUSHED STONE-NO FINES.
 - CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO PAPERS, TRASH, WEEDS, BRUSH OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY GENERAL CONTRACTOR.
 - ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE CONTRACTOR.
 - DRIVEWAY CONSTRUCTION, GRADING AND DRAINAGE WORK SHALL CONFORM TO ALL STATE AND LOCAL COUNTY ORDINANCES.
 - ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.
 - FOR SITES WHERE A CRANE IS NECESSARY, THE CONTRACTOR SHALL CONFIRM AN UNOBSTRUCTED ROUTE FOR THE CRANE FROM A PUBLIC ROAD TO THE WATER TANK SITE PRIOR TO CONSTRUCTION/ NO AERIAL OBSTRUCTIONS UNDER 15' ABOVE GRADE, INCLUDING AERIAL UTILITY LINE, ARE ALLOWED ALONG SAID CRANE ROUTE.



1 OVERALL SITE PLAN

SCALE: 0' 5' 10' 20' 30'



CONTRACTOR TO OBTAIN LATEST RFDS FROM T-MOBILE PRIOR TO CONSTRUCTION FOR ALL PROPOSED EQUIPMENT, ORIENTATION, AND ELEVATIONS.

VENDOR:

9.c.a

T-Mobile

4533 ENTERPRISE DR
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COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

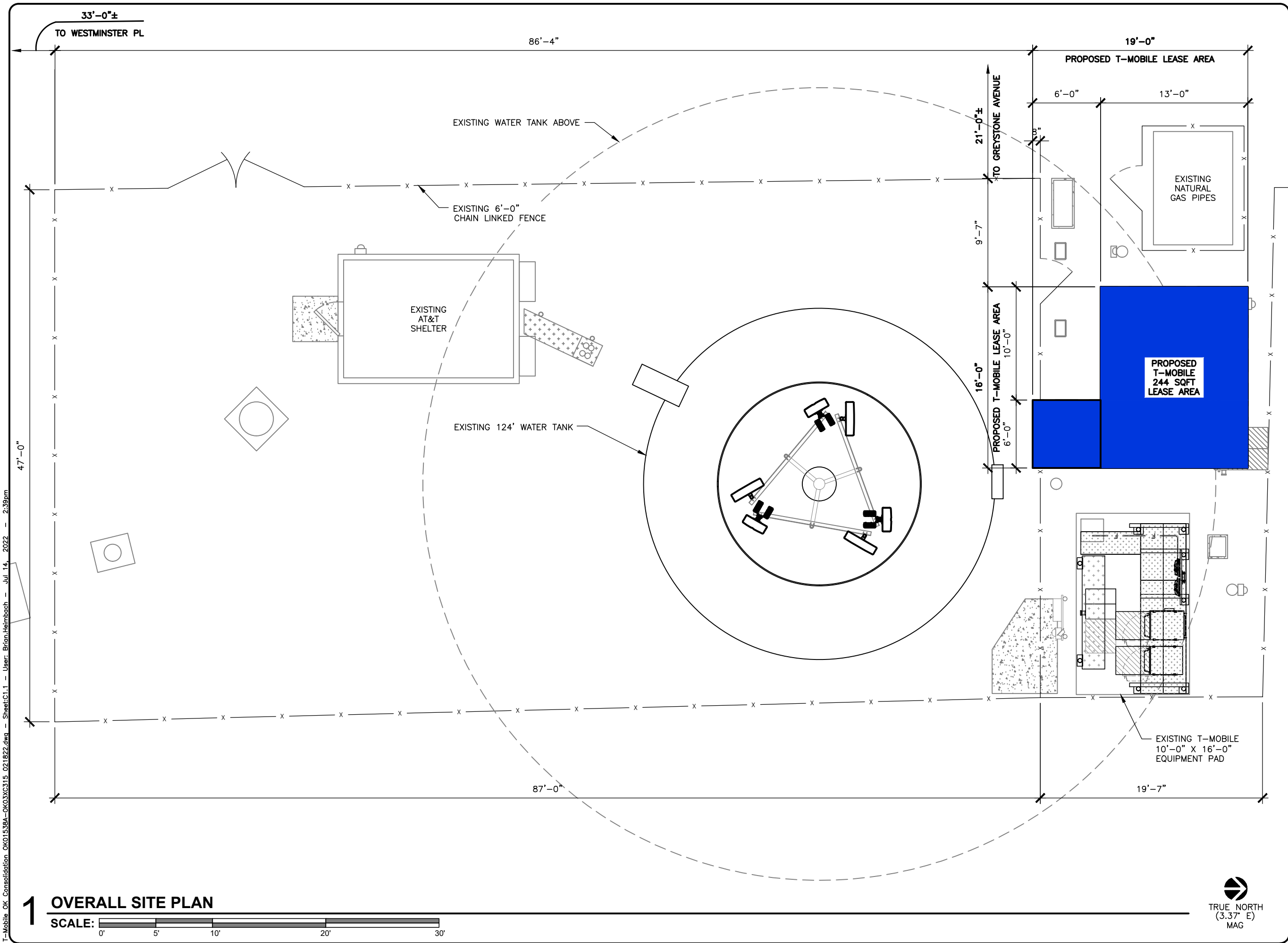
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C	04/08/22	PRELIMINARY ISSUE	BI
D	06/03/22	CONSTRUCTION ISSUE	BI
1	07/14/22	CONSTRUCTION ISSUE	B

SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:	PROJECT #:	REVISI
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BY: BDH	CKD BY: BDH	

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T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: C1.1 - User: Brian.Heimbach - Jul 14, 2022 - 2:39pm

VENDOR:

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LEASE LOCATION

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C1.1	OK01538A	
BY:	CKD BY:	
BDH	BDH	1

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OK03XC315

OK01538A

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SHEET TITLE:

EXISTING EQUIPMENT LAYOUT

SHEET NUMBER:	PROJECT #:	REVISION:
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C2

OK01538A	
BY: BDH	CKD BY BDH

1



SCALE:



PROPOSED HPL3 AND LB3 ARE TO BE
INSTALLED AS TO WHERE THE DOORS
WILL OPEN FULLY AND LATCH 90°
WITHOUT ANY INTERFERENCE AND AS TO
WHERE THE TECH WILL NOT BE TRAPPED
WHEN WORKING ON OR IN THE CABINETS.
TECH WILL NEED A QUICK AND CLEAN
EGRESS IN CASE OF AN EMERGENCY!

VENDOR:

9.c.a

T-Mobile

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SITE NUMBER:

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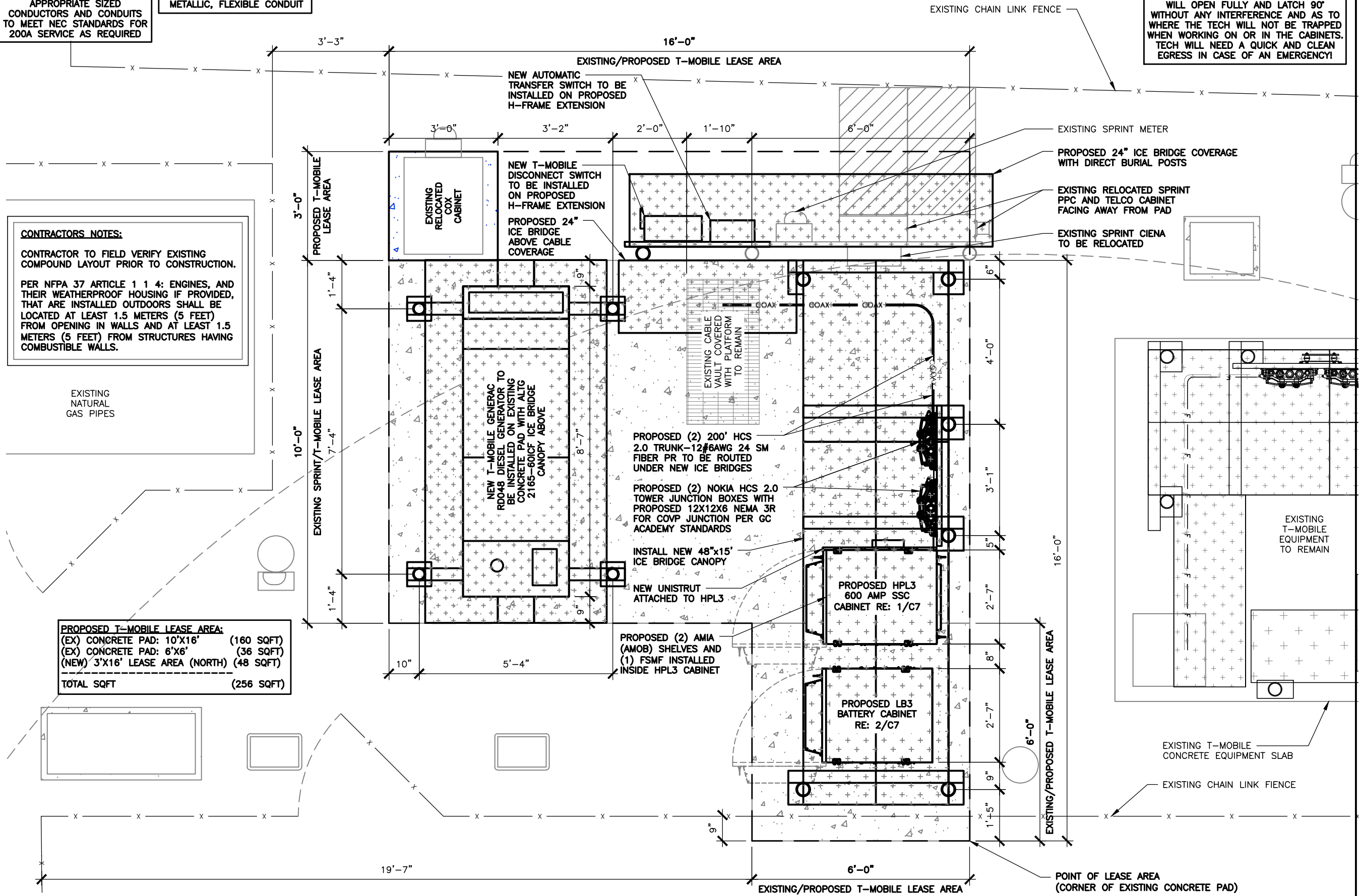
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TITLE: **PROPOSED
EQUIPMENT LAYOUT**

SHEET NUMBER:	PROJECT #:	REVISION:
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	BY: BDH	CKD BY: BDH	

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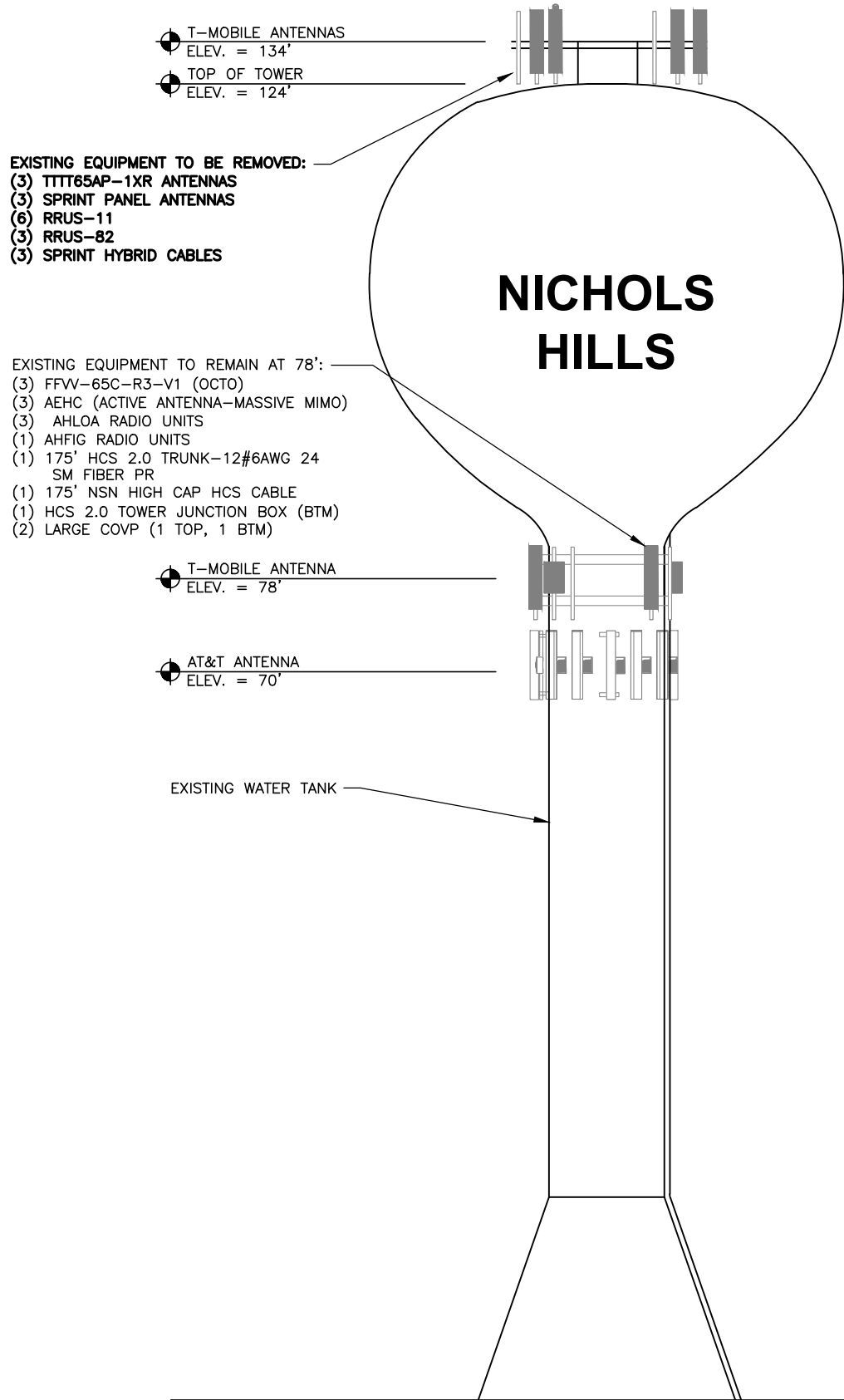


1 PROPOSED ENLARGED EQUIPMENT LAYOUT

SCALE:

TRUE NORTH
(3.37° E)
MAG

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - SheetC3 - User: Brian.Heimbach - Jul 14, 2022 - 2:39pm



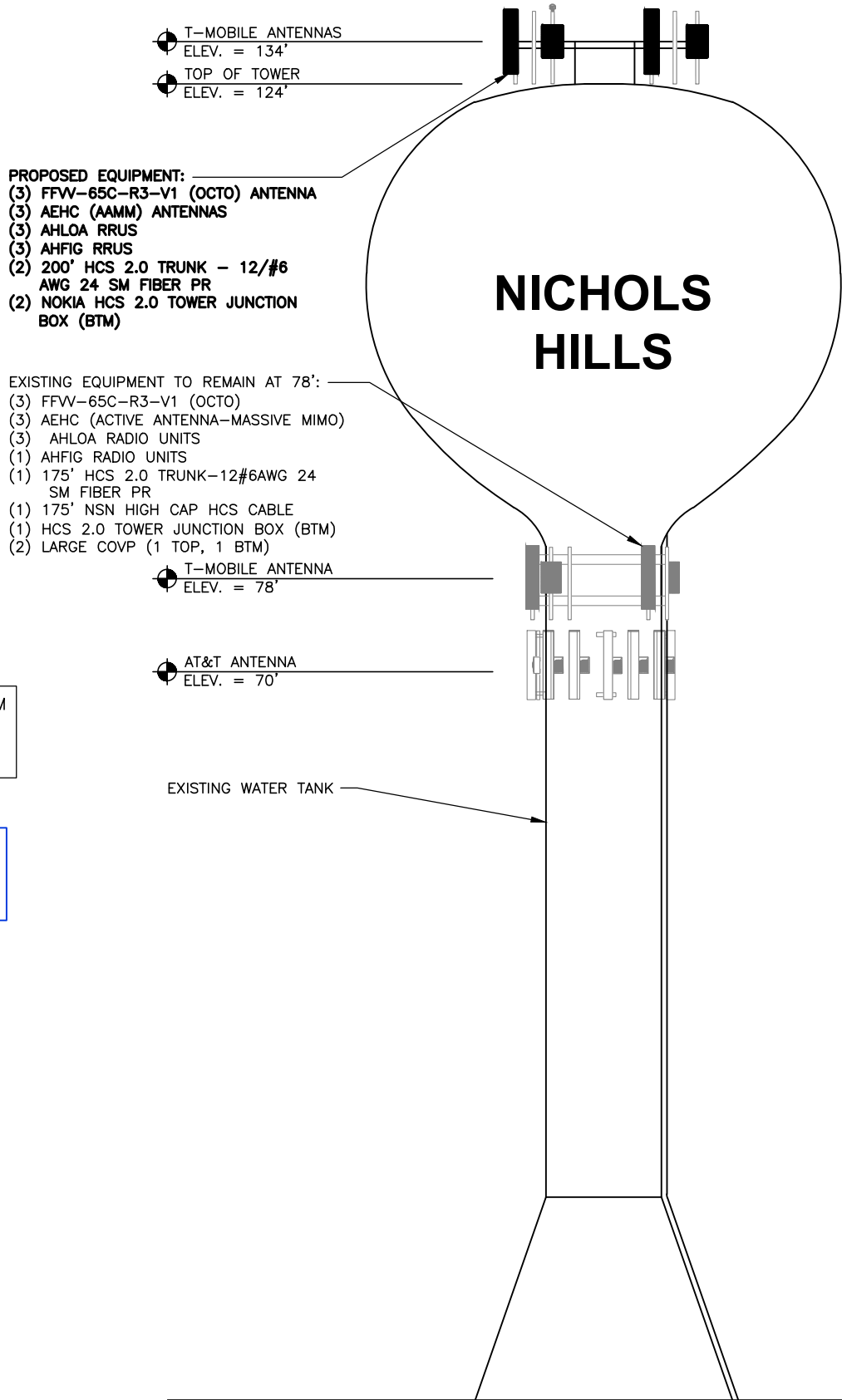
1 EXISTING TOWER ELEVATION
SCALE: N.T.S.

THESE DRAWINGS ARE NOT INTENDED TO REFLECT THE STRUCTURAL INTEGRITY OF THE TOWER. THE PROPOSED ANTENNAS AND TRANSMISSION LINES SHOWN ARE REPRESENTATIVE IN NATURE AND DO NOT REFLECT THE ACTUAL CONFIGURATIONS REQUIRED. THE CONTRACTOR SHALL REFER TO THE STRUCTURAL ANALYSIS OF THIS TOWER SITE FOR THE APPROVED LOCATION AND CONFIGURATION OF ALL ANTENNAS AND TRANSMISSION LINES. ALL ANTENNAS MUST BE MOUNTED AND THE TRANSMISSION LINES CONFIGURED IN STRICT ACCORDANCE WITH THE STRUCTURAL ANALYSIS. (TOWER BY OTHERS)

CONTRACTOR TO OBTAIN LATEST RFDS FROM T-MOBILE PRIOR TO CONSTRUCTION FOR ALL PROPOSED EQUIPMENT, ORIENTATION, AND ELEVATIONS.

CONTRACTOR NOTE:
CONTRACTOR TO HAVE PASSING STRUCTURAL ANALYSIS TO START CONSTRUCTION ON THIS PROJECT. STRUCTURAL ANALYSIS BY OTHERS.

2 PROPOSED TOWER ELEVATION
SCALE: N.T.S.



VENDOR:

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SHEET TITLE:

TOWER ELEVATIONS

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C3	OK01538A	1
BY: BDH	CKD BY: BDH	

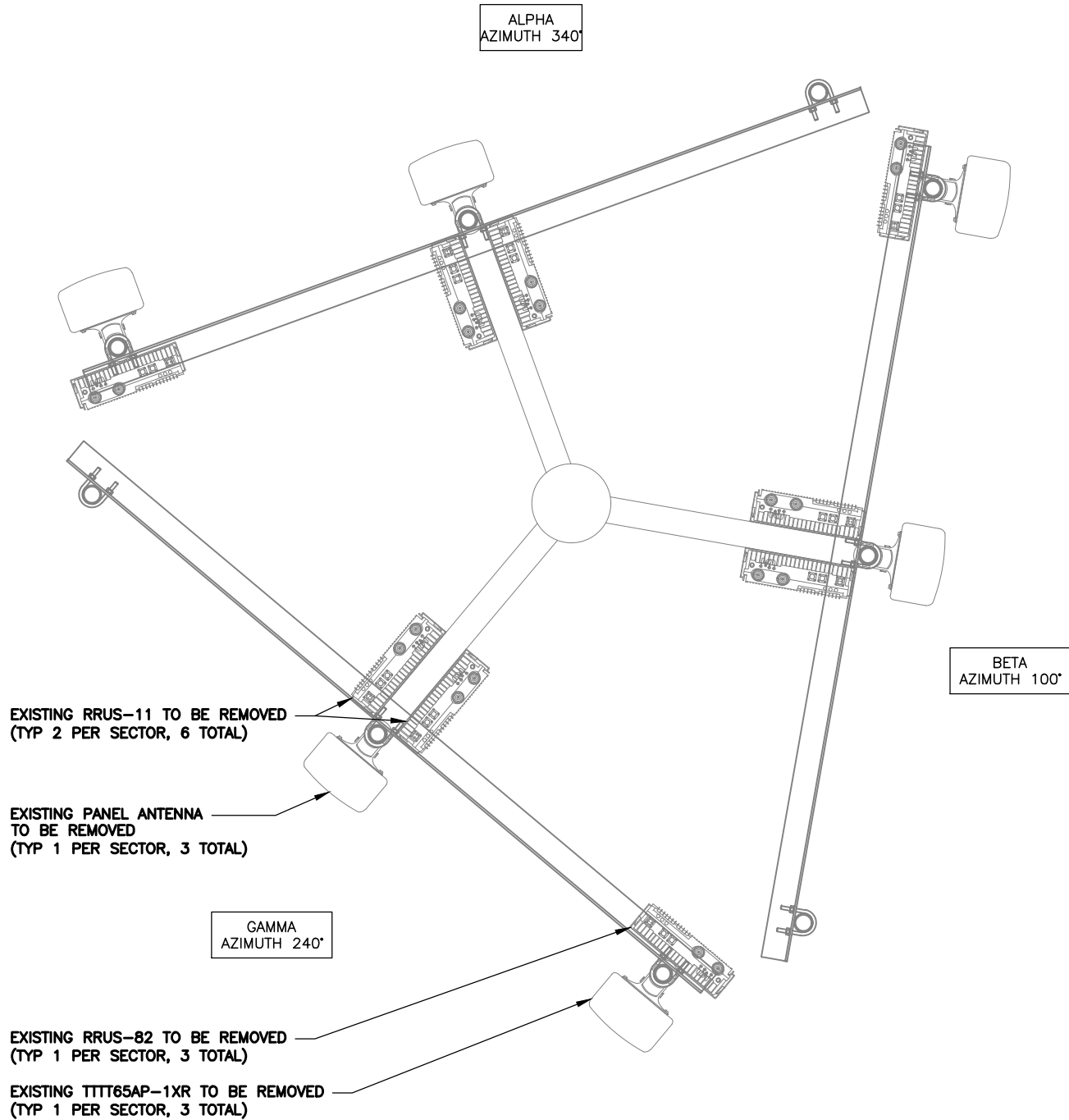
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1 EXISTING AZIMUTH PLAN

SCALE: N.T.S.

RFDS VERSION: OK01538A_REPLACEMENT_1_03/16/2022



RAN Scope of Work:

20210908:- Add FSFM v105 for GSM. Reflected 2 HCS 2.0 Trunk = 200'. Voltage booster + 3rd Amp required for HCS 2.0 Trunk with AHLOA/AHFIG. 2 ABIA required as per Baseband Dimensioning.
20211001: Changing design from Final to Interim due to loss of surrounding Sprint sites in this area. Keeping at Final design would leave a CDMA coverage hole. (ks)
20220316: Design change from Interim to Final. Due to CDMA shutdown, Sprint equipment no longer needed. (ks)

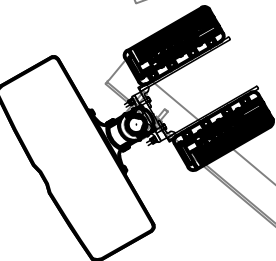
CONTRACTOR TO INSTALL PER MOST CURRENT RFDS-CONFIRM WITH T-MOBILE CONSTRUCTION MANAGER

ADD AIR TERMINALS TO ALL NEW ANTENNAS.
RE: 3/C6

PROPOSED (2) HCS 2.0 BREAKOUT FEATURE

EXISTING TOP MOUNT

A-2
L2500/N2500



C-1
L600/N600
/G1900/L2100/L1900
/N1900(DARK)/N2100(DARK)

PROPOSED AHLOA RRUS
(TYP 1 PER SECTOR, 3 TOTAL)
RE: 1/C6

PROPOSED AHFIG RRUS
(TYP 1 PER SECTOR, 3 TOTAL)
RE: 4/C6

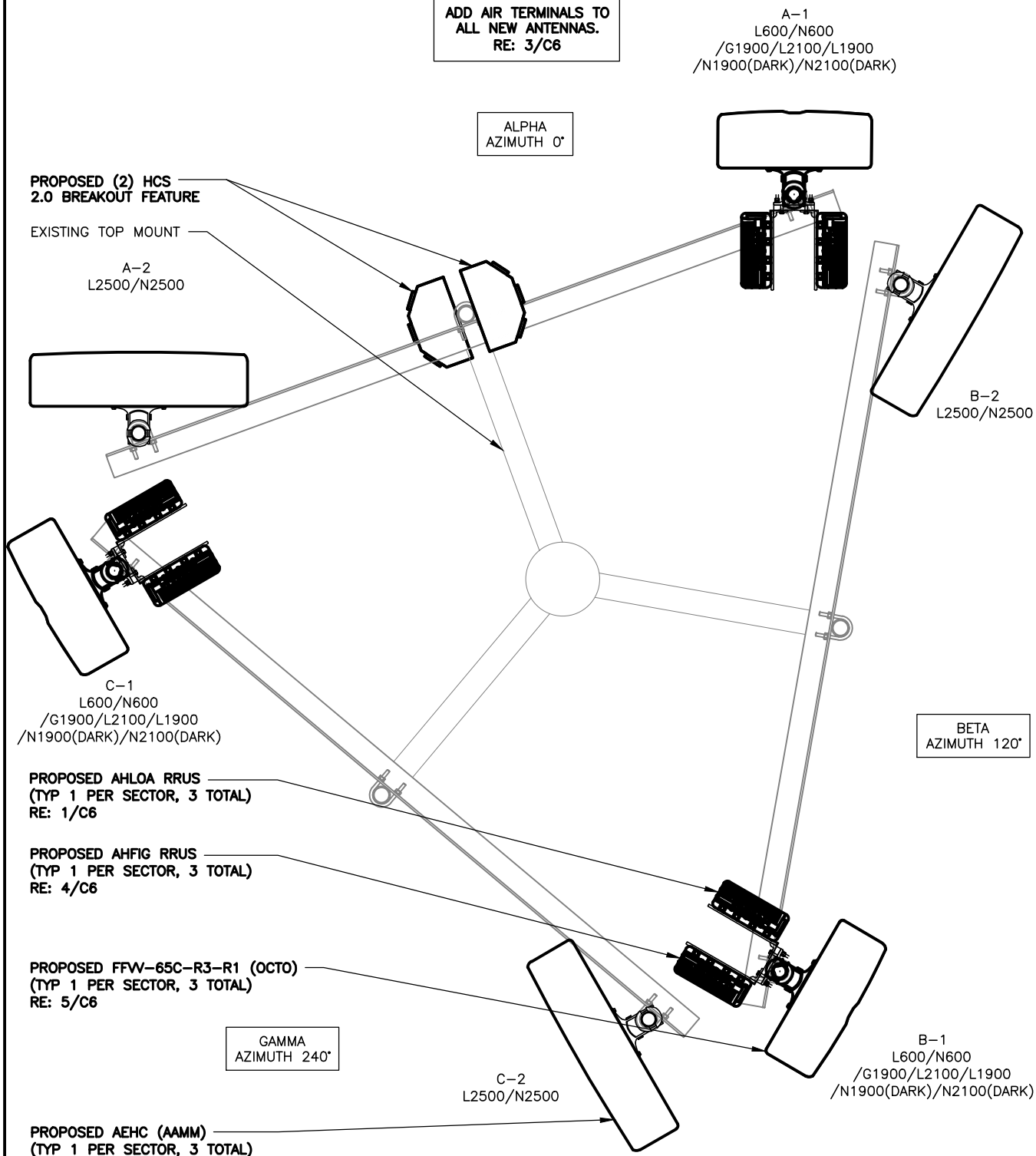
PROPOSED FFW-65C-R3-R1 (OCTO)
(TYP 1 PER SECTOR, 3 TOTAL)
RE: 5/C6

PROPOSED AEHC (AAMM)
(TYP 1 PER SECTOR, 3 TOTAL)
RE: 6/C6

2 PROPOSED AZIMUTH PLAN

SCALE: N.T.S.

RFDS VERSION: OK01538A_REPLACEMENT_1_03/16/2022



VENDOR:

9.c.a

T-Mobile

4533 ENTERPRISE DR
OKLAHOMA CITY OK 73128

Branch
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BRANCH COMMUNICATIONS
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TULSA, OKLAHOMA 74136
(918) 949-4551

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TULSA, OKLAHOMA 74136
(918) 949-4551

COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

NO	DATE	DESCRIPTION	E
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C	04/08/22	PRELIMINARY ISSUE	BI
D	06/03/22	CONSTRUCTION ISSUE	BI
1	07/14/22	CONSTRUCTION ISSUE	B

SHEET TITLE:
**EXISTING AND PROPOSED
ANTENNA PLAN**

SHEET NUMBER: PROJECT #: REVISI

C4 BY: OK01538A CKD BY: BDH BDH **1**

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - User: Brian.Heimbach - Jul 14, 2022 - 2:39pm

CONTRACTOR TO OBTAIN LATEST RFDS FROM T-MOBILE PRIOR TO CONSTRUCTION FOR ALL PROPOSED EQUIPMENT, ORIENTATION, AND ELEVATIONS AS THEY MAY HAVE CHANGED FROM THE BELOW SCHEDULE.

EXISTING EQUIPMENT SCHEDULE						
	EQUIPMENT TYPE	EXISTING AZIMUTH	RAD CENTER	EQUIPMENT	QTY TO BE REMOVED	QTY TO REMAIN
ALPHA SECTOR A	ANTENNA	340°	134'	TTTT65AP-1XR ANTENNA	(1)	--
	ANTENNA	340°	134'	SPRINT PANEL ANTENNA	(1)	--
	RRUS	--	--	RRUS-11	(2)	--
	RRUS	--	--	RRUS-82	(1)	--
BETA SECTOR B	ANTENNA	100°	134'	TTTT65AP-1XR ANTENNA	(1)	--
	ANTENNA	100°	134'	SPRINT PANEL ANTENNA	(1)	--
	RRUS	--	--	RRUS-11	(2)	--
	RRUS	--	--	RRUS-82	(1)	--
GAMMA SECTOR C	ANTENNA	240°	134'	TTTT65AP-1XR ANTENNA	(1)	--
	ANTENNA	240°	134'	SPRINT PANEL ANTENNA	(1)	--
	RRUS	--	--	RRUS-11	(2)	--
	RRUS	--	--	RRUS-82	(1)	--
ALL	CABLES	--	--	SPRINT HYBRID CABLES	(3)	--

PROPOSED EQUIPMENT SCHEDULE					
	EQUIPMENT TYPE	PROPOSED AZIMUTH	RAD CENTER	EQUIPMENT	QUANTITY TO BE ADDED
ALPHA/SECTOR A	ANTENNA	0°	134'	COMMSCOPE FFV-65C-R3-V1 (OCTO)	(1)
	ANTENNA	0°	134'	AEHC (AAMM)	(1)
	RRH	--	--	AHFIG	(1)
	RRH	--	--	AHLOA	(1)
BETA/SECTOR B	ANTENNA	120°	134'	COMMSCOPE FFV-65C-R3-V1 (OCTO)	(1)
	ANTENNA	120°	134'	AEHC (AAMM)	(1)
	RRH	--	--	AHFIG	(1)
	RRH	--	--	AHLOA	(1)
GAMMA/SECTOR C	ANTENNA	240°	134'	COMMSCOPE FFV-65C-R3-V1 (OCTO)	(1)
	ANTENNA	240°	134'	AEHC (AAMM)	(1)
	RRH	--	--	AHFIG	(1)
	RRH	--	--	AHLOA	(1)
ALL	HCS 2.0 COVP	--	--	NOKIA HCS 2.0 TOWER JUNCTION BOX	(2-BTM)
	CABLE	--	--	200' HCS 2.0 TRUNK - 12#6AWG 24 SM FIBER PR	(2)

1

EQUIPMENT SCHEDULES

SCALE: N.T.S.

VENDOR:

9.c.a

T-Mobile

4533 ENTERPRISE DR
OKLAHOMA CITY OK 73128



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PRODUCED BY:



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(918) 949-4551

COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

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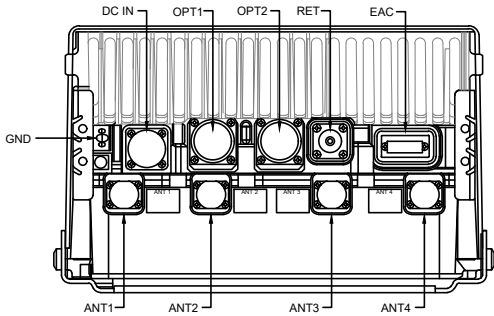
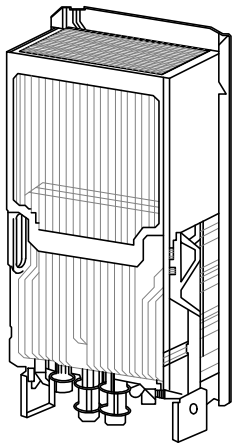
SHEET TITLE:

ANTENNA SCHEDULE

SHEET NUMBER:	PROJECT #:	REVISION
C5	OK01538A	1
BY: BDH	CKD BY: BDH	

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - SheetC6 - User: Brian.Heimbach - Jul 14, 2022 - 2:39pm

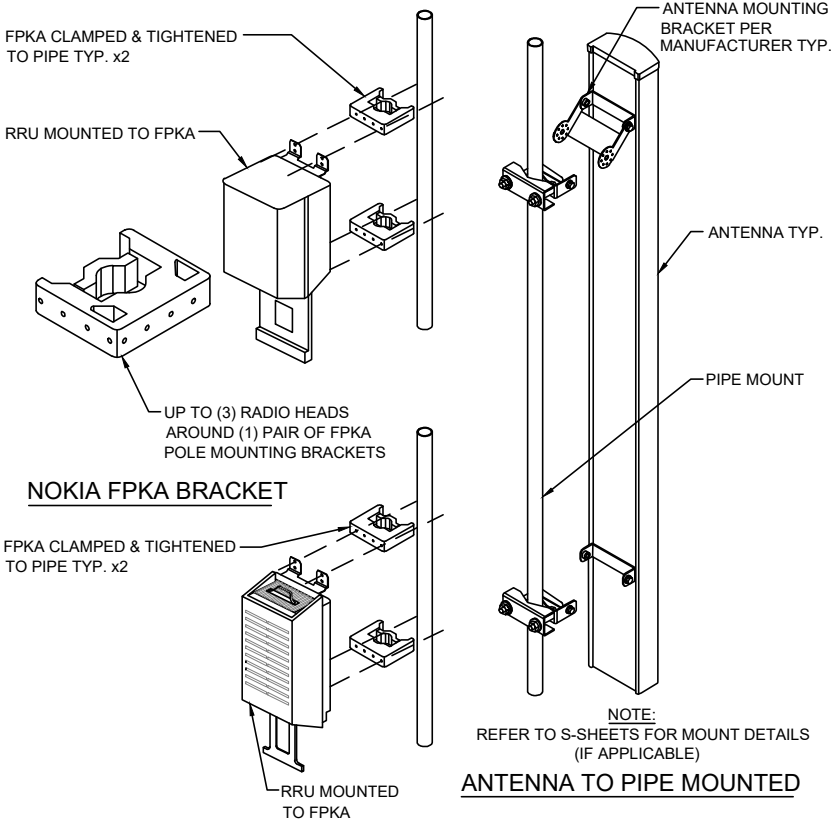


DIMENSION	VALUE
HEIGHT	22 INCHES (W/ BRACKET 26.6 INCHES)
WIDTH	12.1 INCHES (W/ BRACKET 12.9 INCHES)
DEPTH	7.4 INCHES (W/ BRACKET 8.1 INCHES)
WEIGHT	83.8 LBS

CHARACTERSTIC	AHLOA CAPABILITY
NOMINAL SUPPLY VOLTAGE	-48.0 VDC
NOMINAL INPUT VOLT RANGE	-40.5 TO -57.0 VDC
EXTENDED INPUT VOLT RAGE	-36.0 TO -40.5 VDC -57.0 TO -60.0 VDC
VOLTAGE	14.5 V
POWER SUPPLY	T.B.D.

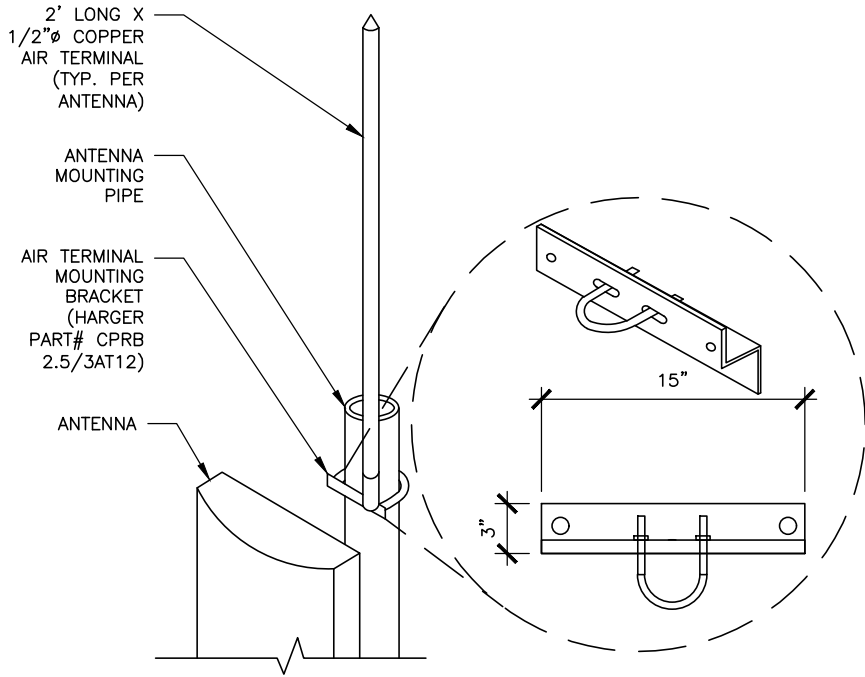
1 AHLOA RRH DETAIL

SCALE: N.T.S.



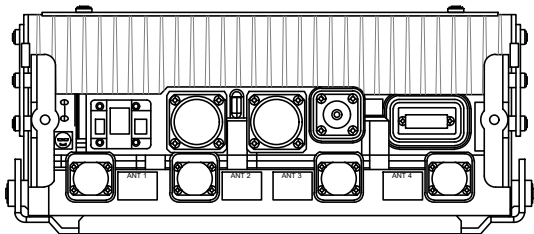
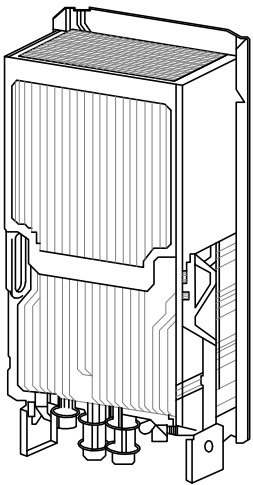
2 ANTENNA MOUNT DETAIL

SCALE: N.T.S.



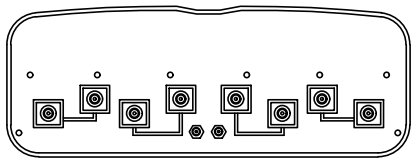
3 AIR TERMINAL AND MOUNT DETAIL

SCALE: N.T.S.



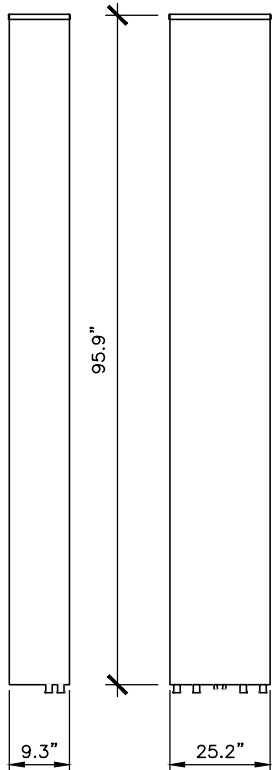
DIMENSION	VALUE
HEIGHT	27.3 INCHES
WIDTH	12 INCHES
DEPTH	5.2 INCHES
WEIGHT	70.5 LBS.

PRODUCT	AHFIG (AIRSCALE 4T4R DUAL MID-BAND RADIO)
TYPE	4T4R RRH (1 PER SECTOR), 2X9.8 CPRI FIBER
MAX OUTPUT POWER	4X40W AWS + 3X80W PCS (MAX 4 CARRIERS PER BAND)
SPECTRUM BAND	B25 + B66 (SRAN CAPABLE)
IBW (DL/UL)	B66: 80MHZ B25: 65 MHZ
FORM FACTOR (HXWXD)	695 MM (27.3") X 308MM (12") X 131MM (5.2")
WEIGHT (LBS)	70.5 LBS (32 KG)



SPECIFICATIONS:

MODEL#:	FFVV-65C-R3-V1
DIMENSIONS (HxWxD):	95.9" x 25.2" x 9.23"
WEIGHT:	124.6 lbs
CONNECTORS:	(8) 4.3-10 FEMALE



5 FFVV-65C-R3-V1 (OCTO) ANTENNA DETAIL

SCALE: N.T.S.



SPECIFICATIONS:

MODEL#:	AEHC (ACTIVE ANTENNA - MASSIVE MIMO)
DIMENSIONS (HxWxD):	38.19" x 21.46" x 5.91"
WEIGHT:	99.2 lbs

6 AEHC (ACTIVE ANTENNA - MASSIVE MIMO) ANTENNA DETAIL

SCALE: N.T.S.

VENDOR:

9.c.a

T-Mobile

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COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

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NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

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SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:	PROJECT #:	REVISI
C6	OK01538A	
BY:	CKD BY:	1
BDH	BDH	

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - User: Brian.Helmbach - Sheet: C7 - Jul 14, 2022 - 2:39pm

Characteristics	Alliance	CommScope	NWS
Dimensions, in.	9.3x14.9x5.8	6.7x16.9x4.7	10.2x16.0x3.2
Weight	1.61 lb/ft	0.970 lb/ft	1.61 lb/ft
Port Interface	Senko U	Senko U	Senko U
Hybrid Ports	12	12	12
Conductor Termination	None	None	None
Single Mode Fibers	48	48	48
Fiber Termination	LC pair	LC pair	LC pair
Max RRU	12	12	12

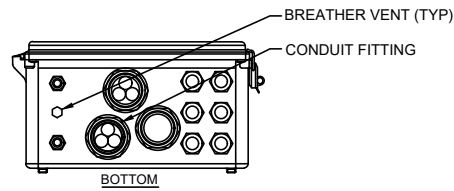
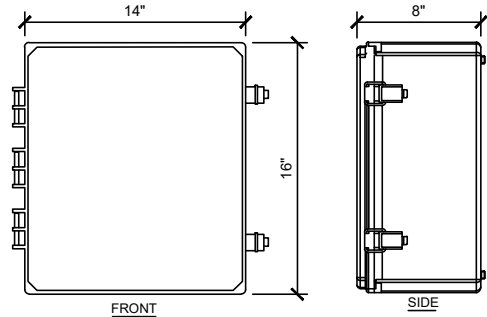
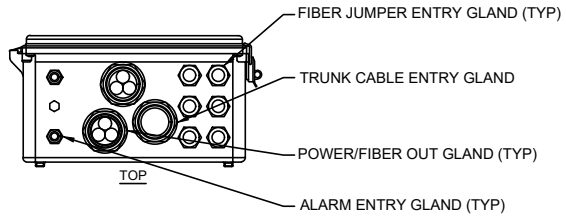
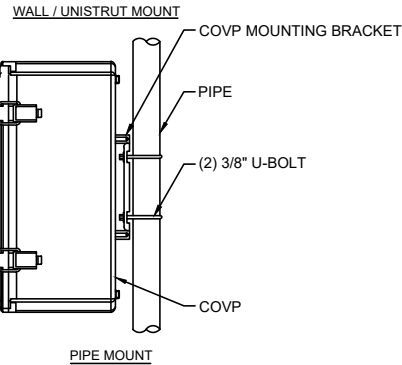
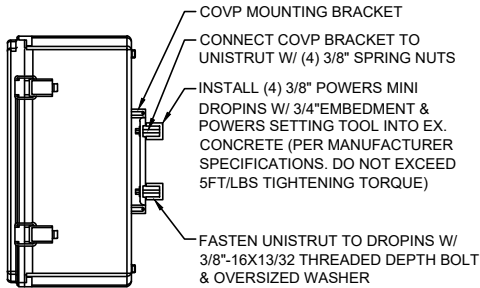


1 HCS 2.0 BREAKOUT SPECIFICATION DETAIL

SCALE: N.T.S.

RAYCAP: BOTTOM COVP/FIBER JUNCTION BOX (RTMDC-5634-PF-48)

NOMINAL OPERATING VOLTAGE: 48 VDC
NOMINAL DISCHARGE CURRENT: 20 kA 8/20ms
MAXIMUM SURGE CURRENT: 60 kA 8/20ms
MAXIMUM CONTINUOUS OPERATING VOLTAGE: 75 VDC
VOLTAGE PROTECTION RATING: 400 V
TOTAL WEIGHT: 21.85 lbs

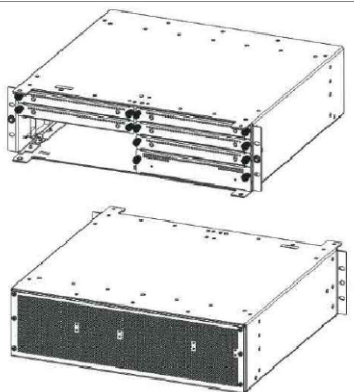


2 NOKIA HCS 2.0 TOWER JUNCTION BOX DETAIL

SCALE: N.T.S.

The dimensions of the AMIA are shown below

Property	Value
Height	5.0 inches (128 mm)
Depth	15.7 inches (400 mm)
Width	17.6 inches (447 mm)
Weight	Empty - 10.9 lbs (4.94 kg) With blinds - 14.8 lbs (6.7 kg) Fully loaded - 52 lbs (23.58 kg)



3 AMIA SPECIFICATION DETAIL

SCALE: N.T.S.

DETAIL FOR REFERENCE ONLY



4 MOUNTING DETAIL

SCALE: N.T.S.

VENDOR:

9.c.a

T-Mobile

4533 ENTERPRISE DR
OKLAHOMA CITY OK 73128

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COA. 8525 EXP. 06/30/2024

SITE NAME:

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NICHOLS HILLS OK 73120

ENGINEER:



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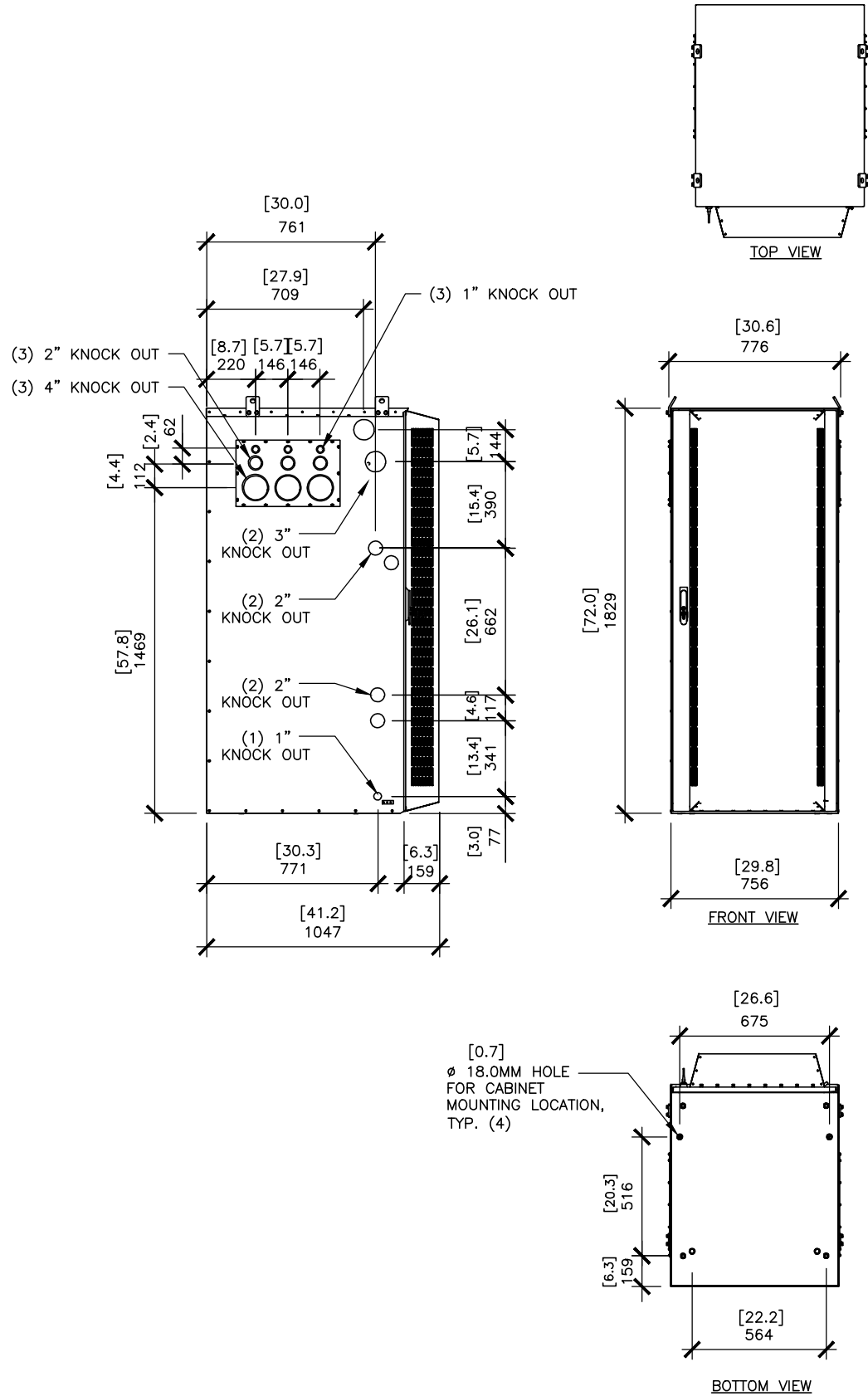
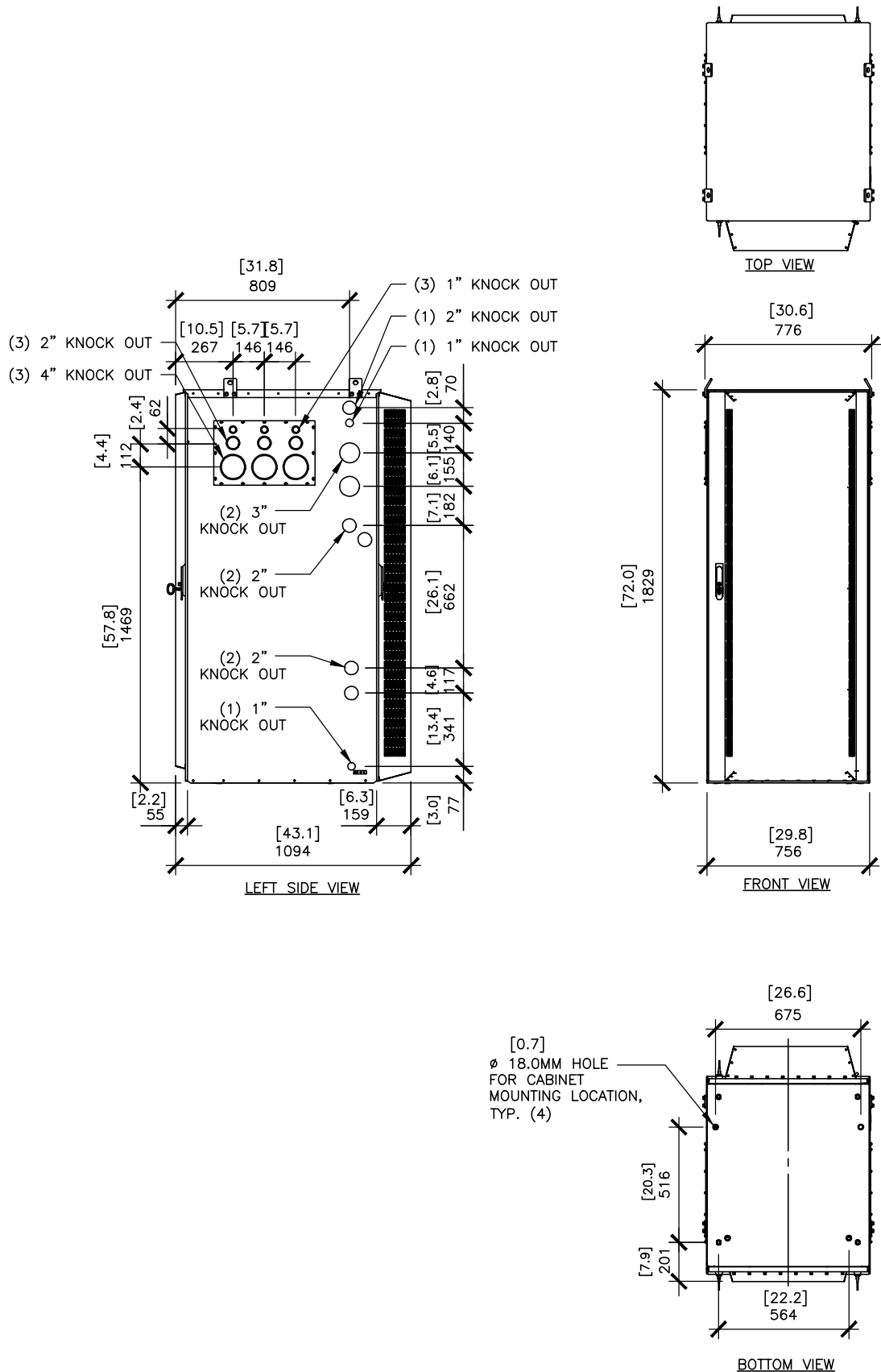
SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:	PROJECT #:	REVISI
C7	OK01538A	1
BY:	CKD BY:	
BDH	BDH	

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - SheetC8 - User: Brian.Heimbach - Jul 14, 2022 - 2:39pm



VENDOR:

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ENGINEER:



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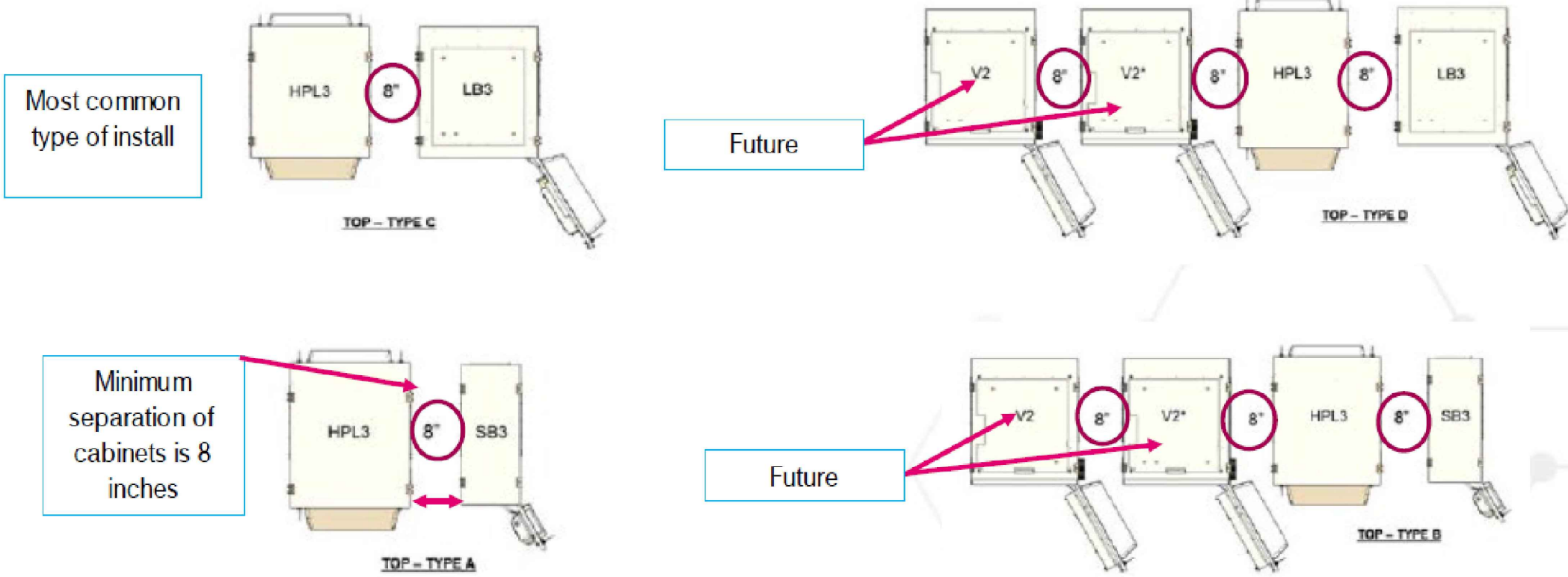
EQUIPMENT DETAILS

SHEET NUMBER:	PROJECT #:	REVISI
C8	OK01538A	1
BY:	CKD BY:	
BDH	BDH	

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - SheetC9 - User: Brian.Helmboach - Jul 14, 2022 - 2:39pm

CABINET LAYOUT - POSITIONING



Cabinet positioning on the slab, raised platform or grating needs to follow the right-to-left orientation. The Battery Cabinet needs to be placed at the far-right end of our leased space. To the left of the Battery Cabinet, separated by 8", will be the Delta HPL3 SSC. All future expansion at this site will follow the right-to-left direction, with 8" spacing between cabinets.

T-Mobile Confidential



VENDOR: 9.c.a

4533 ENTERPRISE DR
OKLAHOMA CITY OK 73128

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COA. 8525 EXP. 06/30/2024

SITE NAME:
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SITE NUMBER:
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SITE ADDRESS:
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NICHOLS HILLS OK 73120

ENGINEER:

7/14/23

PE # 27779 EXP. 12/31/2023

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1	07/14/22	CONSTRUCTION ISSUE	B

SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER: C9

PROJECT #: OK01538A

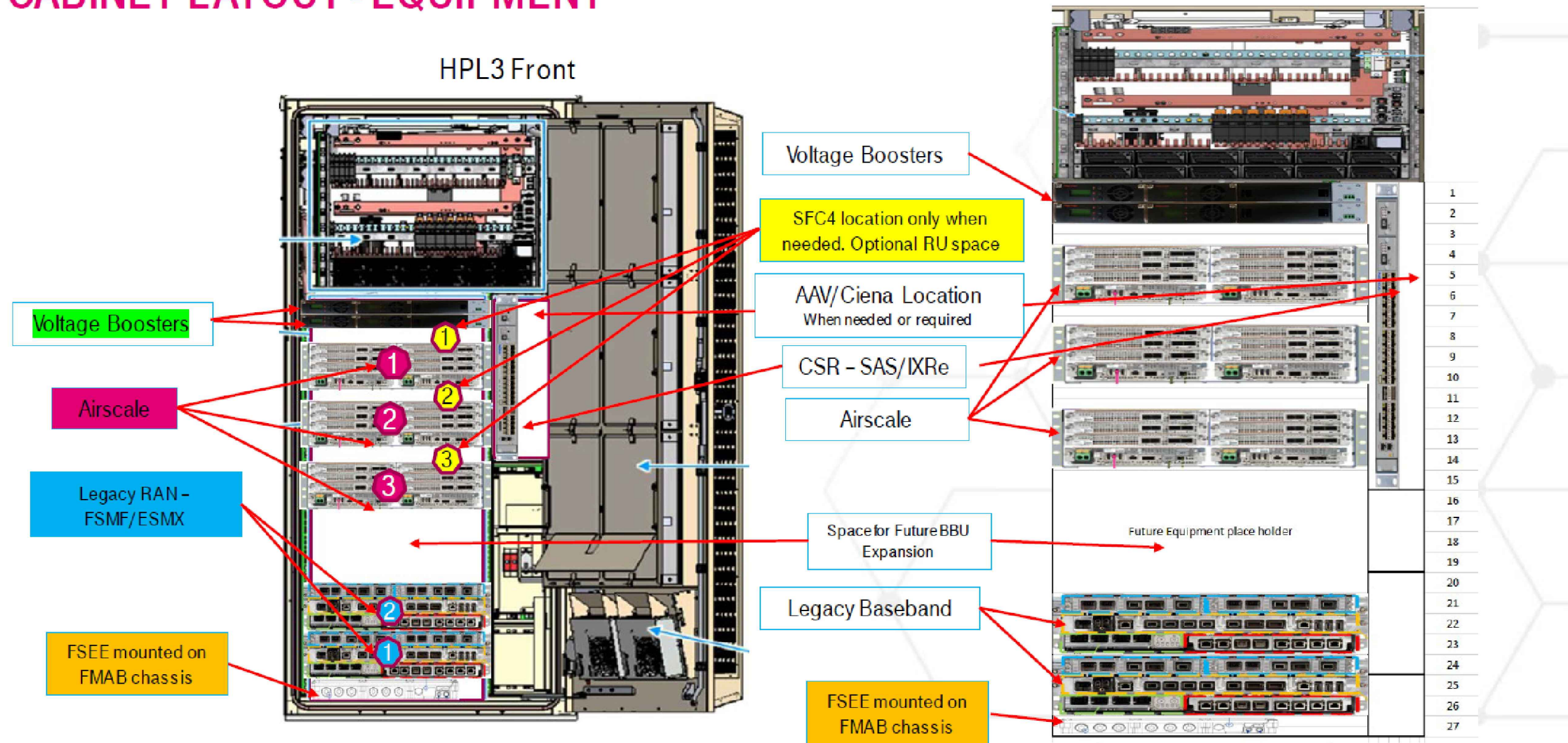
REVISI 1

BY: BDH

CKD BY: BDH

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

CABINET LAYOUT - EQUIPMENT



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VENDOR: 9.c.a

T-Mobile

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ENGINEER:

JEROD R DOTSON
27779
OKLAHOMA

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1	07/14/22	CONSTRUCTION ISSUE	B

SHEET TITLE:
EQUIPMENT DETAILS

SHEET NUMBER: C10	PROJECT #: OK01538A BY: BDH	REVISIT CKD BY: BDH	1
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Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: C11 - User: Brian.Helmbach - Jul 14, 2022 - 2:39pm

LEFT SIDE KNOCK OUT ASSIGNMENTS



T-Mobile Confidential

T-Mobile
PLAN • PROCURE • DEVELOP

VENDOR:

9.c.a

T-Mobile

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SHEET TITLE:

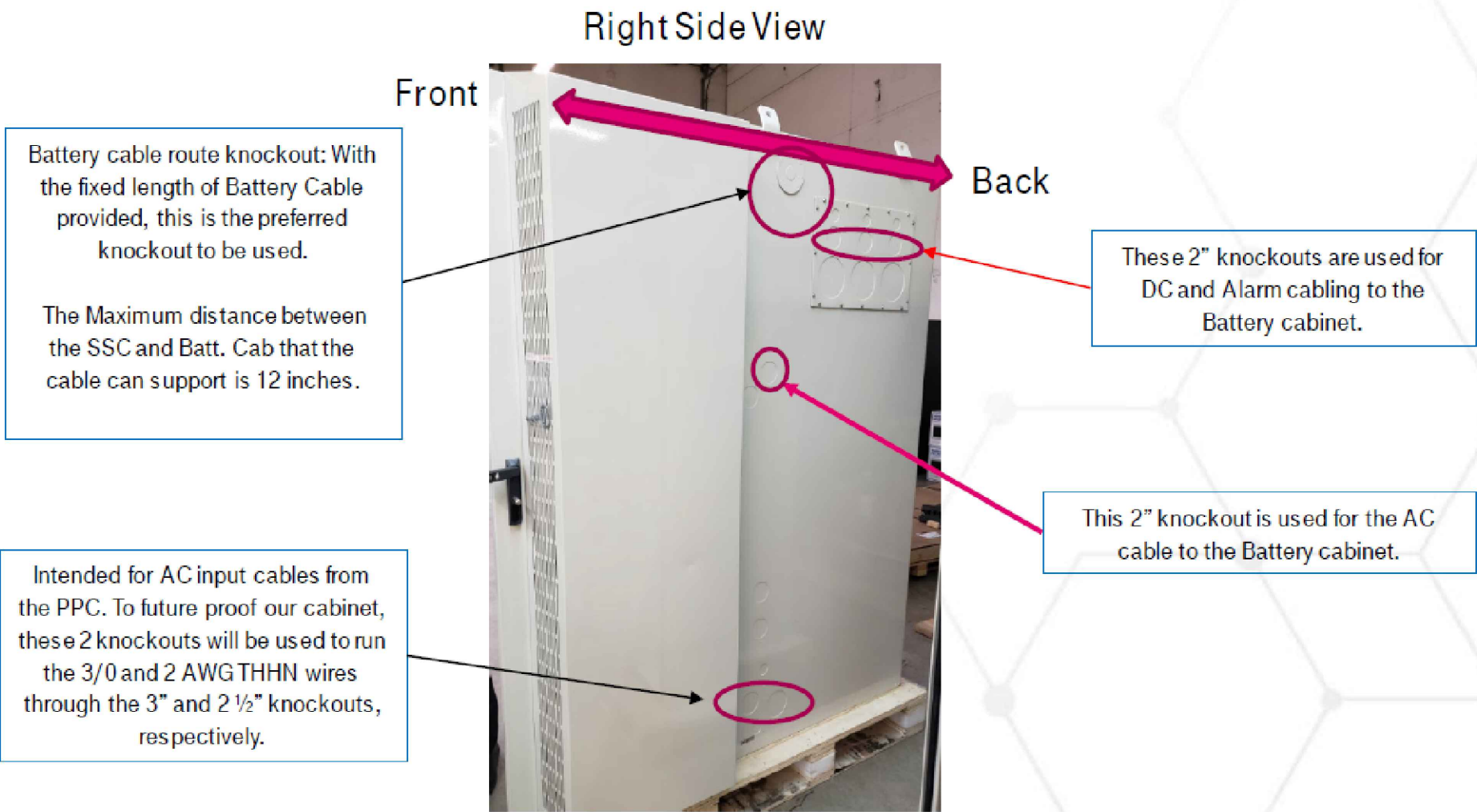
EQUIPMENT DETAILS

SHEET NUMBER: PROJECT #: REVISION:

C11 BY: CKD BY: **1**
BDH BDH

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: C12 - User: Brian.Heinboch - Jul 14, 2022 - 2:39pm

RIGHT SIDE KNOCK OUT ASSIGNMENT



T-Mobile Confidential



VENDOR:

9.c.a

T-Mobile

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OKLAHOMA CITY OK 73128



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7335 SOUTH LEWIS AVE. STE. 300
TULSA, OKLAHOMA 74136
(918) 949-4551

COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

NO	DATE	DESCRIPTION	E
A	01/25/22	PRELIMINARY ISSUE	BI
B	02/18/22	PRELIMINARY ISSUE	BI
C	04/08/22	PRELIMINARY ISSUE	BI
D	06/03/22	CONSTRUCTION ISSUE	BI
1	07/14/22	CONSTRUCTION ISSUE	B

SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER: PROJECT #: REVISION:

C12 OK01538A **1**
BY: BDH CKD BY: BDH

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - User: Brian.Heinbach - Jul 14, 2022 - 2:39pm

VENDOR:

9.c.a

T-Mobile

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OKLAHOMA CITY OK 73128

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A SOLUTIONS PROVIDER

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(918) 949-4551

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(918) 949-4551

COA. 8525 EXP. 06/30/2024

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1800 BLK WESTMINSTER
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SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:	PROJECT #:	REVISION
C13	OK01538A	1
BY: BDH	CKD BY: BDH	

KNOCK OUT ASSIGNMENT - SAMPLE INSTALL

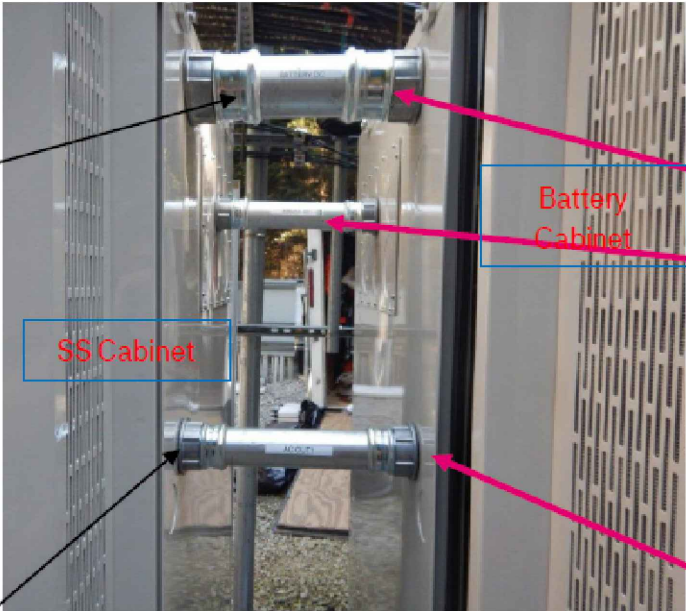
Between HPL3 & LB3 Cabinet



Battery cable with Anderson connector routed inside the HPL3 cabinet thru 3" conduit



AC output routed towards the battery cabinet to power up Heaters in a 2-inch Conduit



SS Cabinet

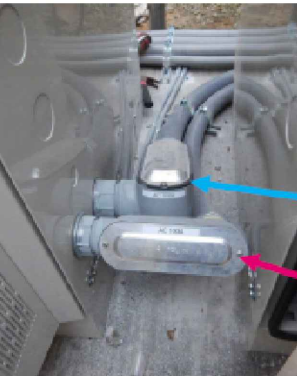
Battery Cabinet



Battery cables terminated at LB3 Battery terminals.



DC and Alarm cable routed thru a 2-inch conduit



A 3" conduit with an LL is used to run the 3/0 wire to the PPC for the 200A breaker

A 2" conduit with an LB is used to run the 2 AWG wire to the PPC for the 100A breaker

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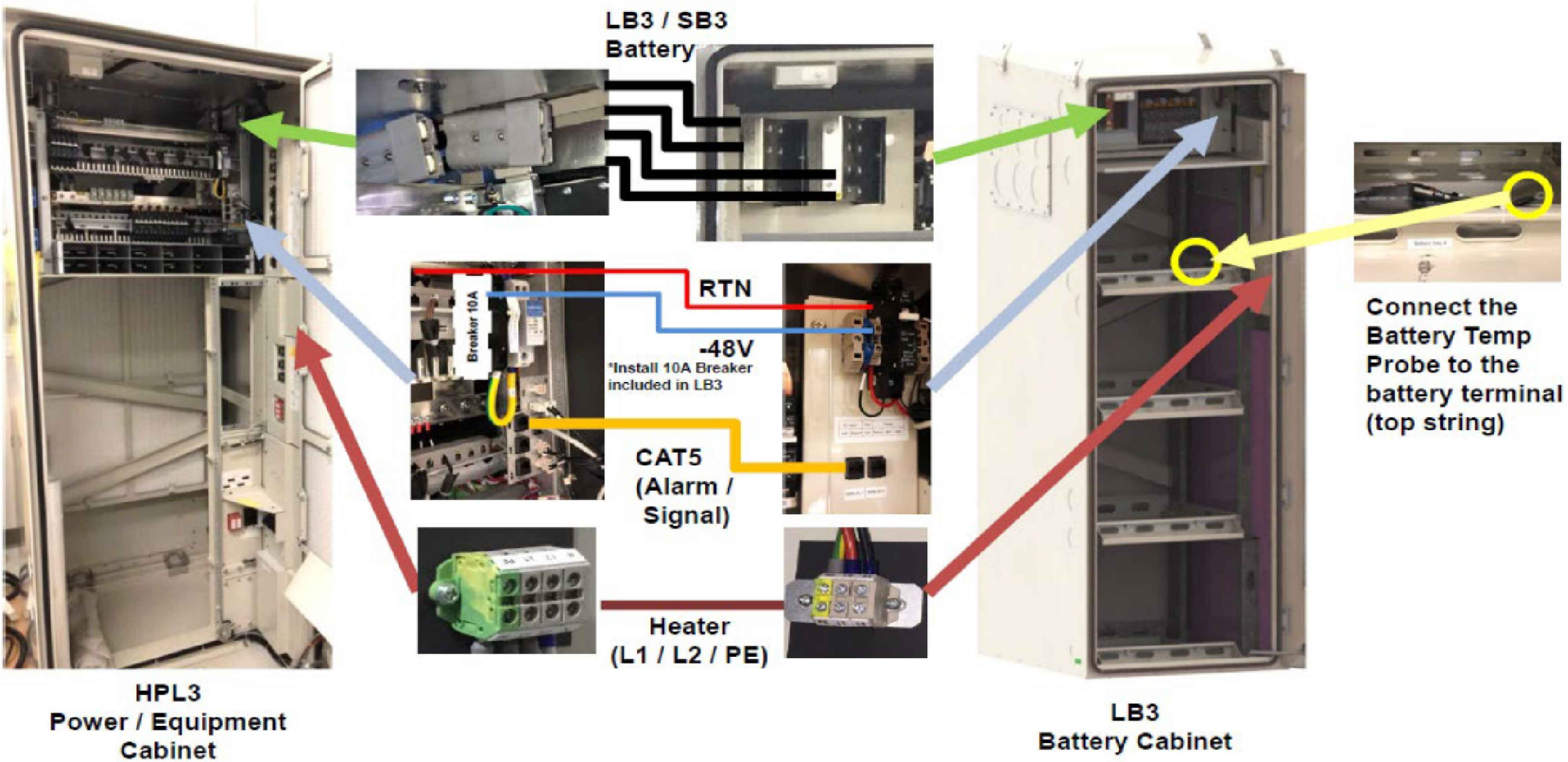
EQUIPMENT DETAILS

SCALE: N.T.S.

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: C14 - User: Brian.Heinboch - Jul 14, 2022 - 2:39pm

BATTERY CABLE CONNECTION/ROUTE



HPL3
Power / Equipment
Cabinet

LB3
Battery Cabinet

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COA. 8525 EXP. 06/30/2024

SITE NAME:
OK03XC315

SITE NUMBER:
OK01538A

SITE ADDRESS:
1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:

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SHEET TITLE:

EQUIPMENT DETAILS

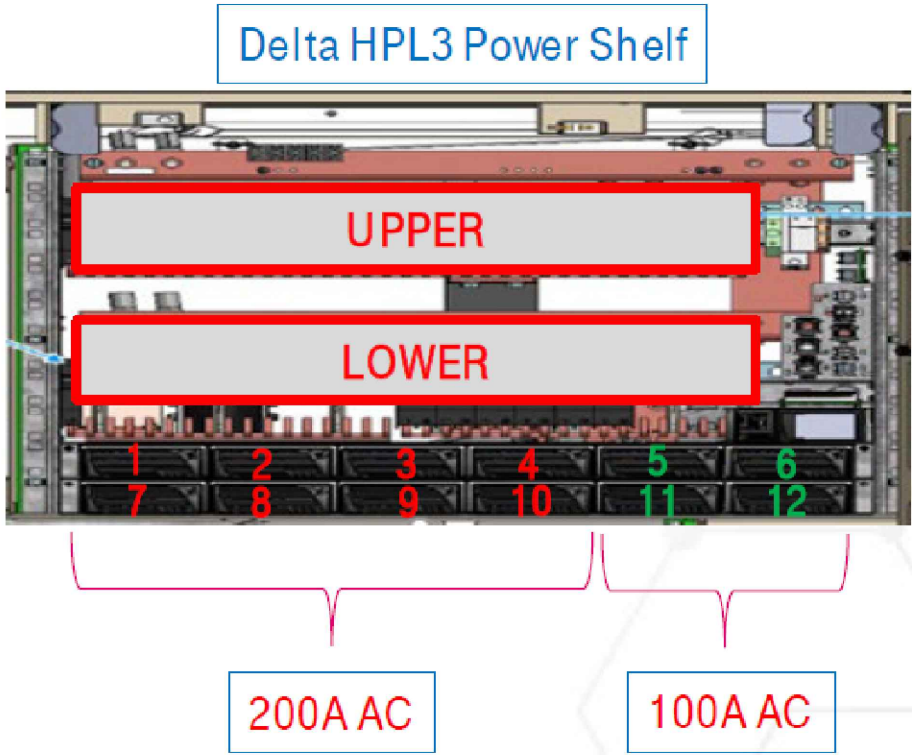
SHEET NUMBER:	PROJECT #:	REVISION
C14	OK01538A	1
BY: BDH	CKD BY: BDH	

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: C15 - User: Brian.Heinboch - Jul 14, 2022 - 2:39pm

DC BREAKER ASSIGNMENTS

Delta HPL3			
Upper Distribution Shelf			
CB Slot	Usage	Non-Boosted	
		Breaker	Usage
1	Load-Breakers Baseband and Transport	25A	Baseband #1
2		25A	
3		25A	Baseband #2
4		25A	
5		25A	Baseband #3
6		25A	
7		25A	Baseband #4
8		25A	
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27	Cabinets	10A	IXR-e PSU 1
28		10A	IXR-e PSU 2
29		10A	AAV
30			
31			
32			Reserved for Cabinets
33			Reserved for Cabinets
34		10A	Battery Cabinet
35		20A	Cabinet Control



Delta HPL3			
Lower Distribution Shelf			
CB Slot	Usage	Non-Boosted	
		Breaker	Usage
1	LVD	2A	LVD
2	Battery Breakers		Unused
3			Unused
4			Unused
5			Unused
6			Unused
7			Unused
8			Unused
9			Unused
10	Load-Breakers for Radios, Hybrids and Boosters		Unused
11			Unused
12			Unused
13			Unused
14			Unused
15			Unused
16			Unused
17			Unused
18		100A	Hybrid #1 (eg. HCS 2.0)
19		100A	
20		100A	
21			Reserved empty
22		200	Hybrid #2 (eg. HCS 1.0)
23		empty	
24			
25			Reserved empty
26		200	Hybrid #2 (eg. HCS 1.0)
27		empty	
28			
29			Reserved empty
30			
31			
32			
33			
34			
35			



VENDOR:

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COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



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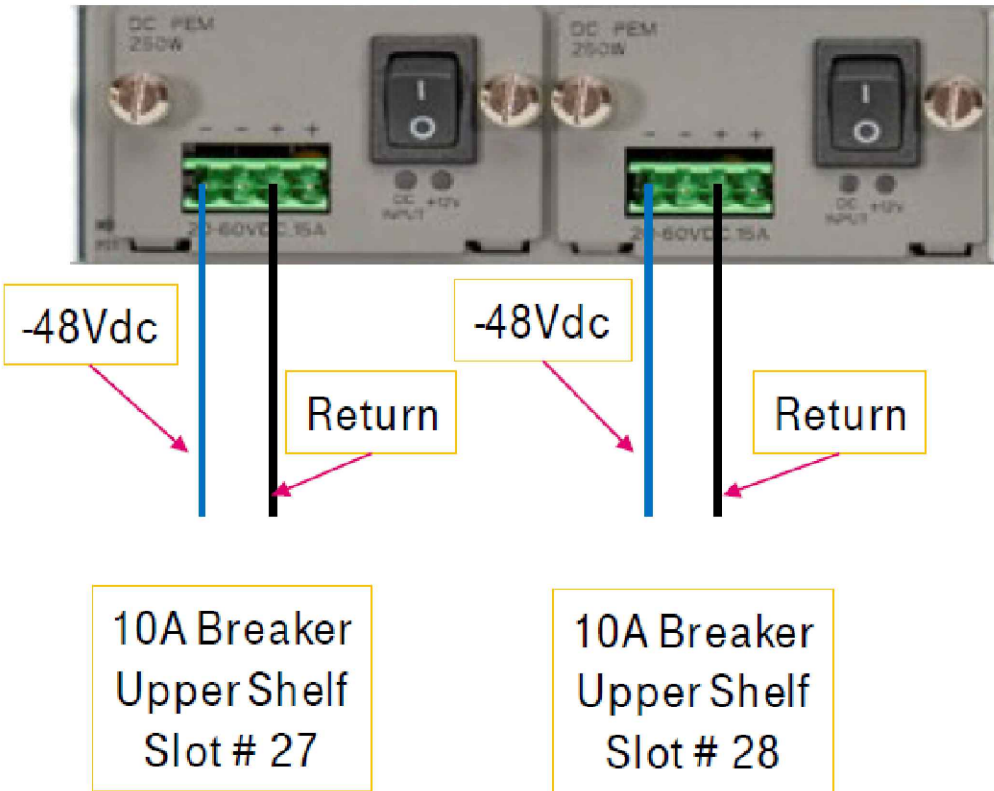
SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:	PROJECT #:	REVISION
C15	OK01538A	1
BY: BDH	CKD BY: BDH	

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: C16 - User: Brian Heinbock - Jul 14, 2022 - 2:39pm

IXR_E POWER CONFIGURATION (SKU 34097)



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Delta HPL3			
Upper Distribution Shelf			
CB Slot	Usage	Non-Boosted	
		Breaker	Usage
1	Load-Breakers Baseband and Transport	25A	Baseband #1
2		25A	Baseband #2
3		25A	
4		25A	Baseband #3
5		25A	
6		25A	Baseband #4
7		25A	
8		25A	
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27		10A	IXR-e PSU 1
28		10A	IXR-e PSU 2
29		10A	AAV
30	Cabinets		
31			
32		Reserved for Cabinets	
33		Reserved for Cabinets	
34		10A	Battery Cabinet
35		20A	Cabinet Control

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SITE NAME:

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NICHOLS HILLS OK 73120

ENGINEER:



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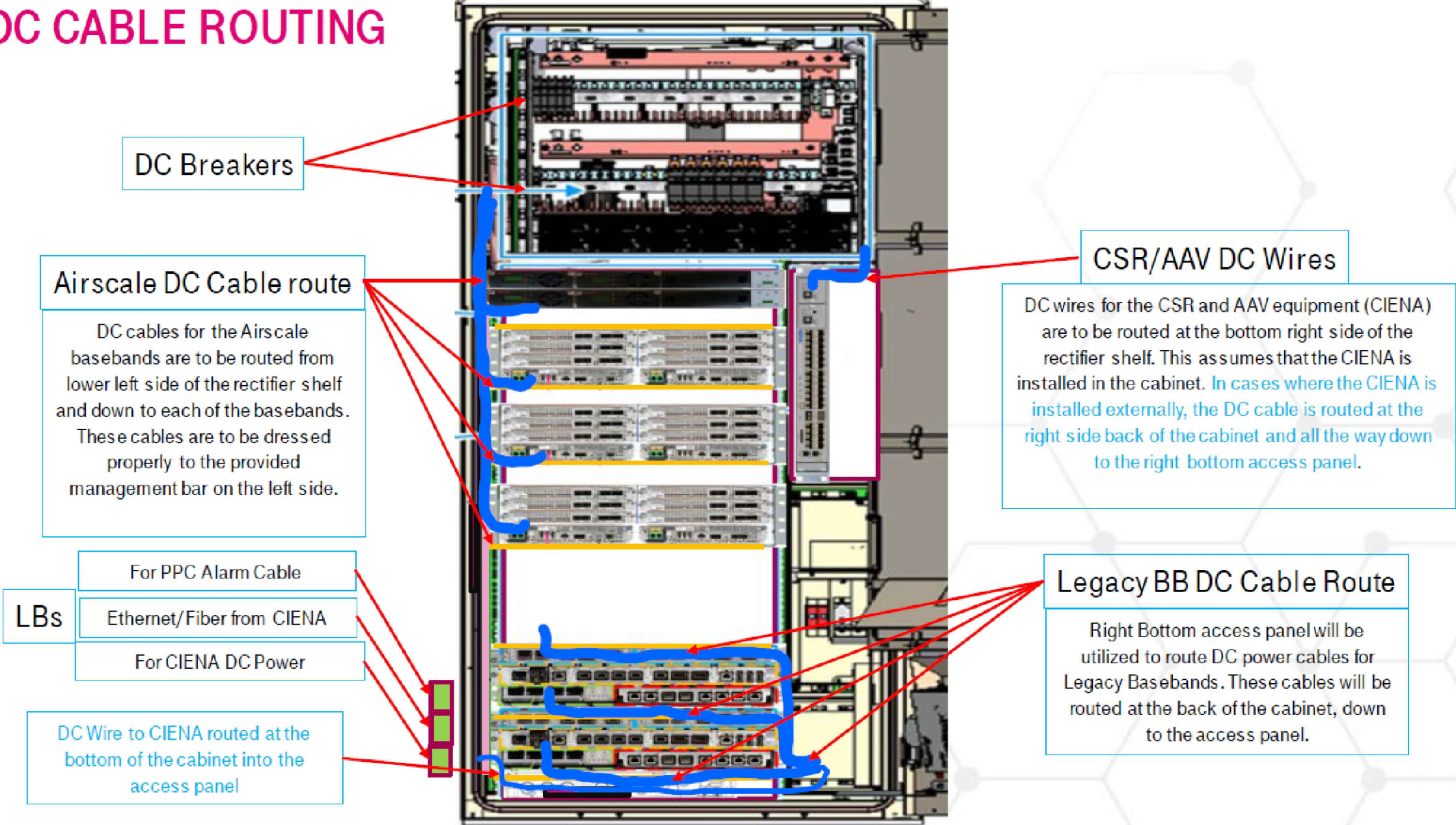
EQUIPMENT DETAILS

SHEET NUMBER: PROJECT #: REVISION:

C16 OK01538A 1
BY: BDH CKD BY: BDH

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - User: Brian Heinbock - Jul 14, 2022 - 2:39pm

DC CABLE ROUTING



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TULSA, OKLAHOMA 74136
(918) 949-4551
COA. 8525 EXP. 06/30/2024

SITE NAME:
OK03XC315

SITE NUMBER:
OK01538A

SITE ADDRESS:
1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:

7/14/22

PE # 27779 EXP. 12/31/2023

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SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER: C17

PROJECT #: OK01538A

REVISI: 1

BY: BDH

CKD BY: BDH

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

FIBER CABLE ROUTE

Secondary/Additional
Fiber Entry

If primary port hole entry is fully
utilized and has reached its
capacity, use this as an
additional fiber entry port

Fibers

Fibers are to be
dressed to the
management bars
using **Velcro straps**

Primary Fiber Entry

This is where bottom fibers will
be routed from the COVP.

LBs

For PPC Alarm Cable

Ethernet/Fiber from CIENA

For CIENA DC Power

Ethernet or Fiber for AAV

Ethernet or Fiber route that
comes from our CIENA (if the AAV
circuit is installed outside of the
cabinet.

IMPORTANT NOTE

Routing the fiber cable inside the cabinet varies based on
installation location. To protect the fibers from being
damaged by small animals / insects, it is strongly
recommended that fibers be placed in a 2" flexible conduit
using an LL at the knockouts.

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COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

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SITE ADDRESS:

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NICHOLS HILLS OK 73120

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SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER: PROJECT #: OK01538A
BY: BDH CKD BY: BDH

C18 **1**

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - User: Brian Heinbock - Jul 14, 2022 - 2:39pm

BACK UP SLIDES

Junction box install - If there is really a need to install an external junction box for the following reasons:

- a. One single point of entry from multiple COVP.
- b. Any external cable entry to the HPL3 - GPS, Alarm cables from PPC and FSEB/EE
- c. Can also be used to house excess bottom fibers as there is not enough room inside the HPL3 cabinet specially when there's multiple baseband and COVP is installed.

Suggestion:

To install a 12x12x6 junction box at the bottom of the EACH COVP WHERE IT will be utilized as an egress point of all cables.

BUT NEVER:

Install or attach a junction box at either side of the cabinet as this will make it extremely difficult to expand the cabinet footprint on-site. Standard cabinet separation is only 8". Given this, the junction box could not be opened if / when Recap an expansion cabinet is in place.



DALLAS SOA INSTALL

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EQUIPMENT DETAILS

SCALE: N.T.S.

VENDOR:

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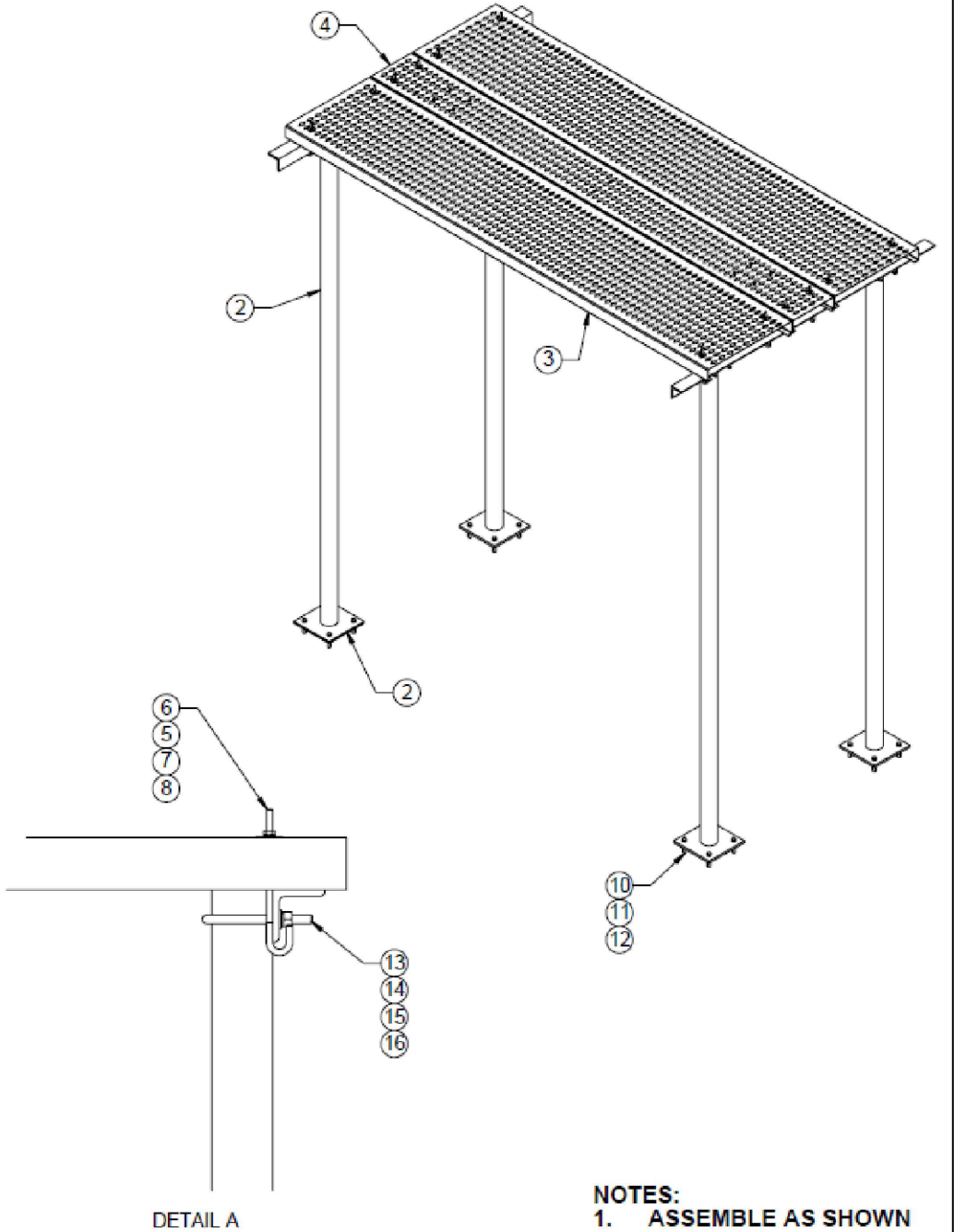
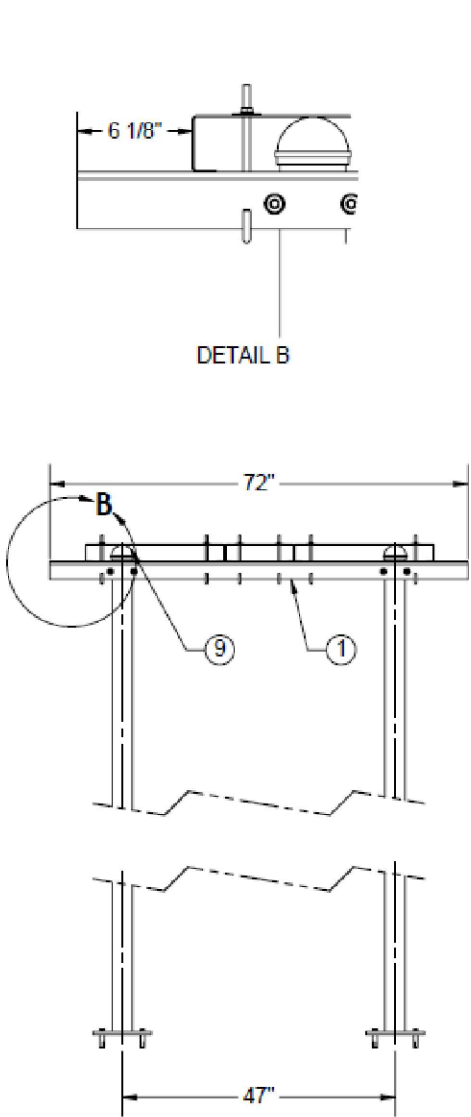
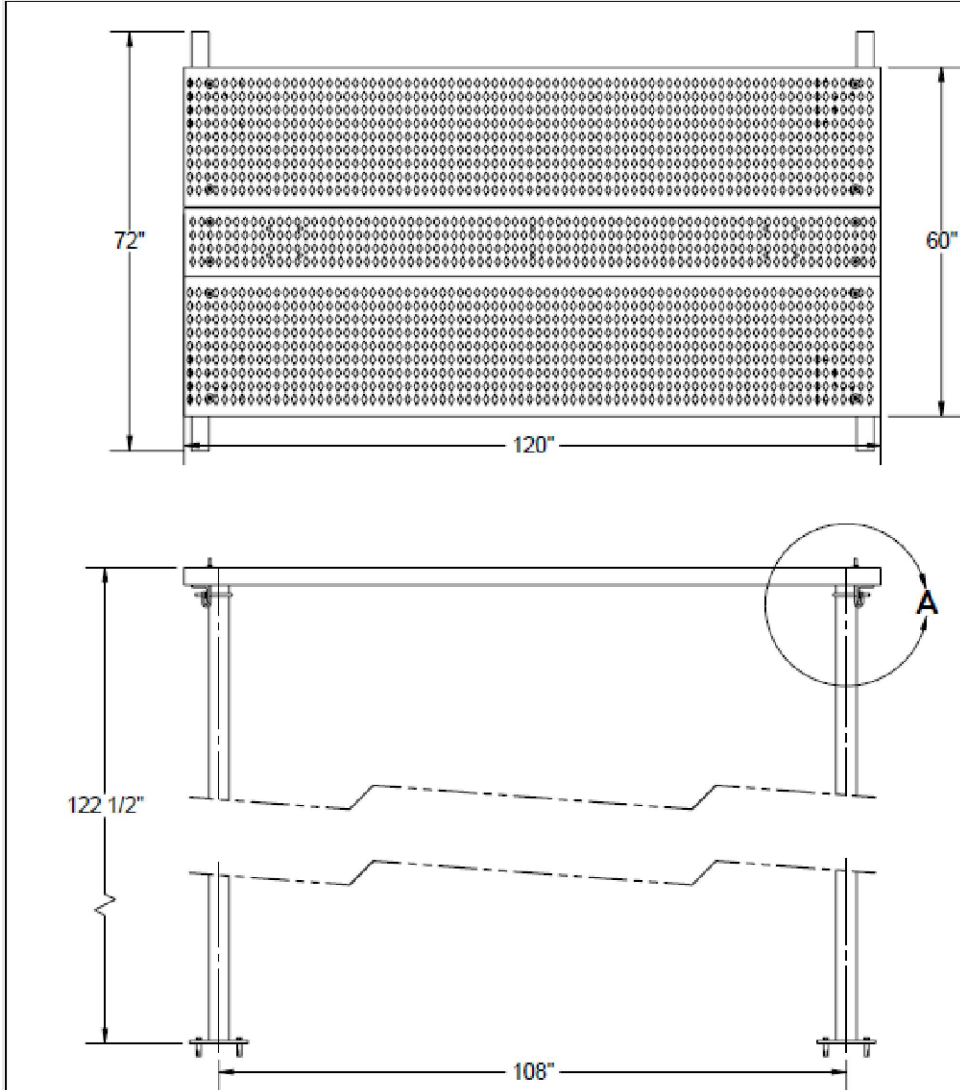
C19 OK01538A
BY: BDH CKD BY: BDH

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Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

SHEET NUMBER: C20	PROJECT #: OK01538A		REV
	BY: BDH	CKD BY: BDH	

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - User: Brian.Heinboch - Jul 14, 2022 - 2:39pm



NOTES:
1. ASSEMBLE AS SHOWN

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	7000-2165-72L	SUPPORT ANGLE
2	4	7000-2164-7-10	3-1/2" OD X 10' GALV LEG W/ FT
3	2	2160-24-31012HDG	GRIP STRUT, 3" X 24" X 10' LONG
4	1	2160-12-31012HDG	GRIP STRUT, 3" X 12" X 10' LONG
5	12	4620G-BULK	NUT, 3/8" HEX, GALV
6	12	4480G	J-BOLT, 3/8" X 8"
7	12	4720FG-BULK	3/8" FENDER WASHER
8	12	4724G-BULK	3/8" LOCK WASHER, GALV
9	4	5202-3	POST CAP, 3-1/2" OD PIPE
10	16	4830HD	1/2" DROP IN ANCHOR HEAVY DUTY
11	16	4454-BULK	BOLT, 1/2" X 1-1/2" LG HEX, SST TAP
12	16	4754-BULK	1/2" LOCKWASHER, SS
13	4	4499G	U-BOLT, 3 1/2" OD PIPE, 1/2" DIA.
14	8	4650G-BULK	NUT, 1/2" HEX, GALV
15	8	4754G-BULK	1/2" GALV LOCK WASHER
16	8	4750G-BULK	WASHER, 1/2" NARROW, GALV

FINISH HDG	MATERIAL PROD# SEE B.O.M.	allG FABRICATION	
DO NOT SCALE DRAWING		APPROVALS	DATE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		DRAWN AV	12/07/20
FRACTIONS DECIMALS ANGLES		CHECKED	
± 1/32 .001 ± .001 ± 1°		ENGR.	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF allG. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF allG IS PROHIBITED.		ISSUED	
		MANUFACT.	
		SIZE DWG. NO.	REV.
		B 2165-60ICF	A
		SCALE: NTS	WEIGHT 633.12
		SHEET 1 OF 1	

1 4 POLE 5'-0" WIDE ICE BRIDGE CANOPY KIT ABOVE GENERATOR

SCALE: N.T.S.

VENDOR: 9.c.a

T-Mobile
4533 ENTERPRISE DR
OKLAHOMA CITY OK 73128

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COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:

JEROD R DOTSON
27779
OKLAHOMA
7/14/22

PE # 27779 EXP. 12/31/2023

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EQUIPMENT DETAILS

SHEET NUMBER: PROJECT #: REVISI

C21 OK01538A **1**

BY: CKD BY: BDH

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

RD048 | 3.3L | 48 kW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

Standby Power Rating
48 kW, 60 Hz

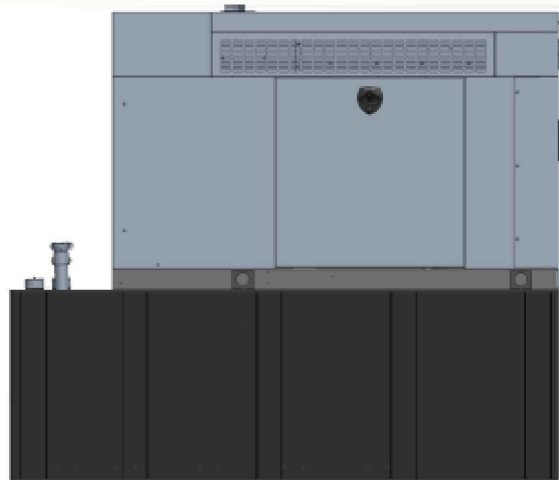


Image used for illustration purposes only

Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.

- UL2200, UL6200, UL1236, UL489, UL142
- CSA C22.2, ULC S601
- BS5514 and DIN 6271
- SAE J1349
- NFPA 37, 70, 99
- ISO 3046, 8528, 9001
- NEMA ICS1, ISC10, MG1, 250, ICS6, AB1
- ANSI/IEEE C62.41

Powering Ahead

For over 60 years, Generac has provided innovative design and superior manufacturing. Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application. Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

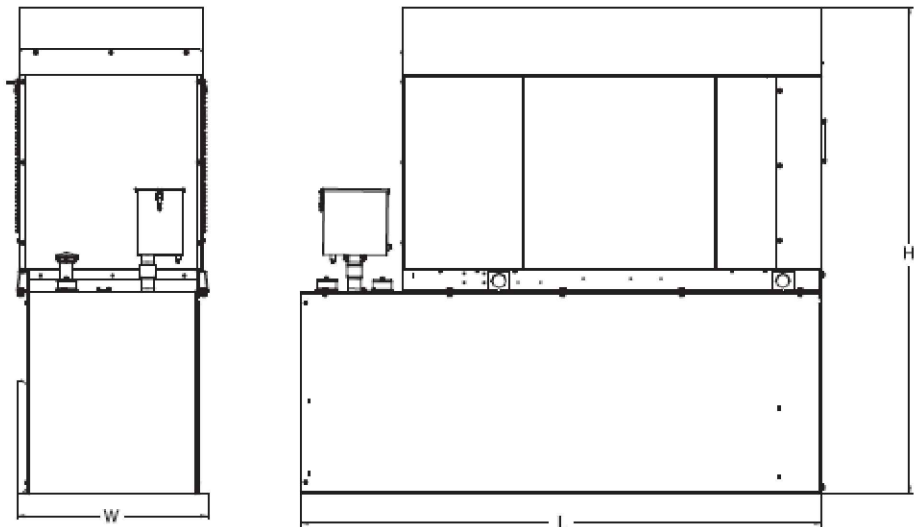
Generac is committed to ensuring our customers' service support continues after their generator purchase.

GENERAC INDUSTRIAL POWER

Model Number
48 kW: G0079600

RD048 | 3.3L | 48 kW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*



Unit Weight - lbs (kg)	Unit Weight with Skid - lbs (kg)	Dimensions (L x W x H) - in (kg)
2,915 (1,322)	2,954 (1,340)	103.4 (2,625) x 35.0 (888) x 90.0 (2,286)

48 kW Fuel Consumption (gal)

Fuel Tank Gross Total Capacity	240
Fuel Tank Gross Usable Capacity	229
Fuel Tank Net Usable Capacity (Run Hours Based on Net Usage Capacity)	206
Run Hours at 100% Load	51
Run Hours at 75% Load	68
Run Hours at 50% Load	103

Sound Emission Data

Rated Load Sound Output at 23 ft - dB (A)	65
---	----

* All measurements are approximate and for estimation purposes only. Drawing is for illustration purposes only, not to scale.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

GENERAC INDUSTRIAL POWER

VENDOR:

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OKLAHOMA CITY OK 73128

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A SOLUTIONS PROVIDER

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TULSA, OKLAHOMA 74136
(918) 949-4551

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TULSA, OKLAHOMA 74136
(918) 949-4551

COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

SITE NUMBER:

OK01538A

SITE ADDRESS:

1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

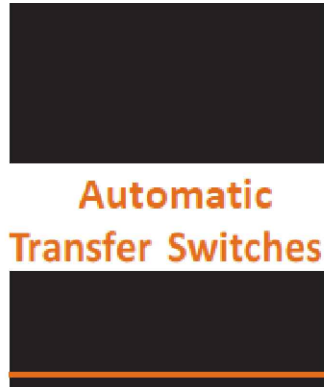
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C	04/08/22	PRELIMINARY ISSUE	BI
D	06/03/22	CONSTRUCTION ISSUE	BI
1	07/14/22	CONSTRUCTION ISSUE	BI

SHEET TITLE:

GENERATOR SPECIFICATIONS

SHEET NUMBER:	PROJECT #:	REVISION:
C22	OK01538A	1
BY: BDH	CKD BY: BDH	

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - User: Brian Heimboch - Jul 14, 2022 - 2:39pm



Automatic Transfer Switches



GENERAC®

Service and non-Service rated Automatic Smart Transfer Switches

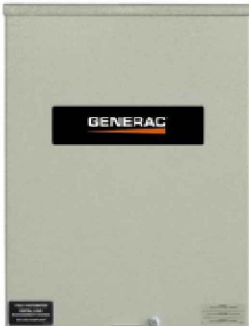
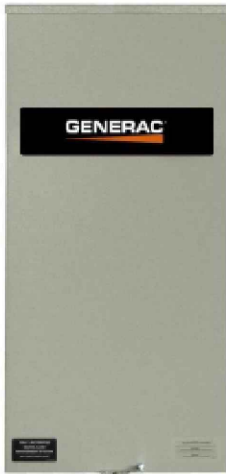
Automatic Transfer Switches

1 of 2

Automatic Transfer Switches

2 of 2

100 - 400 Amps, Single Phase



*CUL only applies to non-service rated switches

Description

Generac Automatic Transfer Switches are designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 100, 200, and 400 amp open transition switches are available in single phase in both service equipment rated and non-service equipment rated configurations. The 150 and 300 amp open transition switches are only available in a service rated equipment configuration.

Standard Features

Service rated (RXSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA/UL Type 3R enclosure*, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a UL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands. All switches are covered by a 5 year limited warranty.

* Non-service rated (RXSC) switches are housed in a steel enclosure.

DPM Technology

Through the use of digital power technology (DPM), these switches have the capability to manage up to 4 individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with Smart Management Modules, up to 8 more loads can be managed as well, providing the most installation efficient power management options available.

GENERAC®



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Generac Power Systems, Inc. • 545W/29290 HWY. 59, Waukesha, WI 53189 • generac.com
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100-400 Amps, Single Phase

Automatic Smart Transfer Switches

Functions

All timing and sensing functions originate in the generator controller

Utility voltage drop-out	<65%
Timer to generator start	10 second factory set, adjustable between 2-1500 seconds by a qualified dealer**
Engine warm up delay	5 seconds
Standby voltage sensor	65% for 5 seconds
Utility voltage pickup	>80%
Re-transfer time delay	15 seconds
Engine cool-down timer	60 seconds
Exerciser	5 or 12 minutes adjustable weekly/Bi-weekly/Monthly**

The transfer switch can be operated manually without power applied.

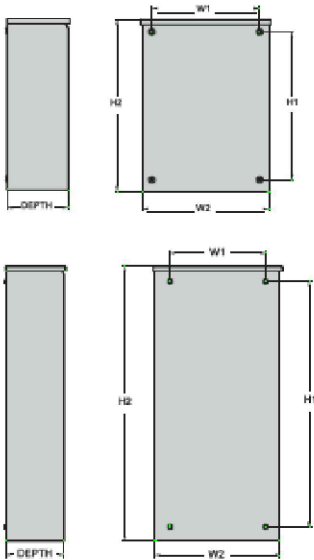
*When used in conjunction with units utilizing Evolution™ controls **Adjustable via the controller

Specifications

Model	RXSC100A3	RXSC200A3
Amps	100	200
Voltage	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition	Open Transition
Enclosure Type	NEMA/UL3R	NEMA/UL3R
UL Rating	UL/CUL	UL/CUL
Withstand Rating (Amps)	10,000	10,000
Lug Range	1/0 - #14	250 MCM - #6

Dimensions

Model	RXSC100A3	RXSC200A3
Height (in./mm)	H1 17.24/437.9 H2 20/508	17.24/437.9 20/508
Width (in./mm)	W1 12.5/317.5 W2 14.6/370.8	12.5/317.5 14.6/370.8
Depth (in./mm)	7.09/180.1	7.09/180.1
Weight (lbs./kilos)	20/9.07	20/9.07



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VENDOR:

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COA. 8525 EXP. 06/30/2024

SITE NAME:

OK03XC315

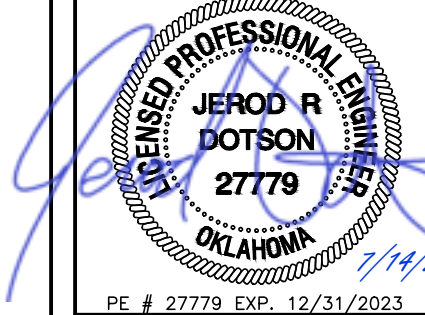
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NICHOLS HILLS OK 73120

ENGINEER:



PE # 27779 EXP. 12/31/2023

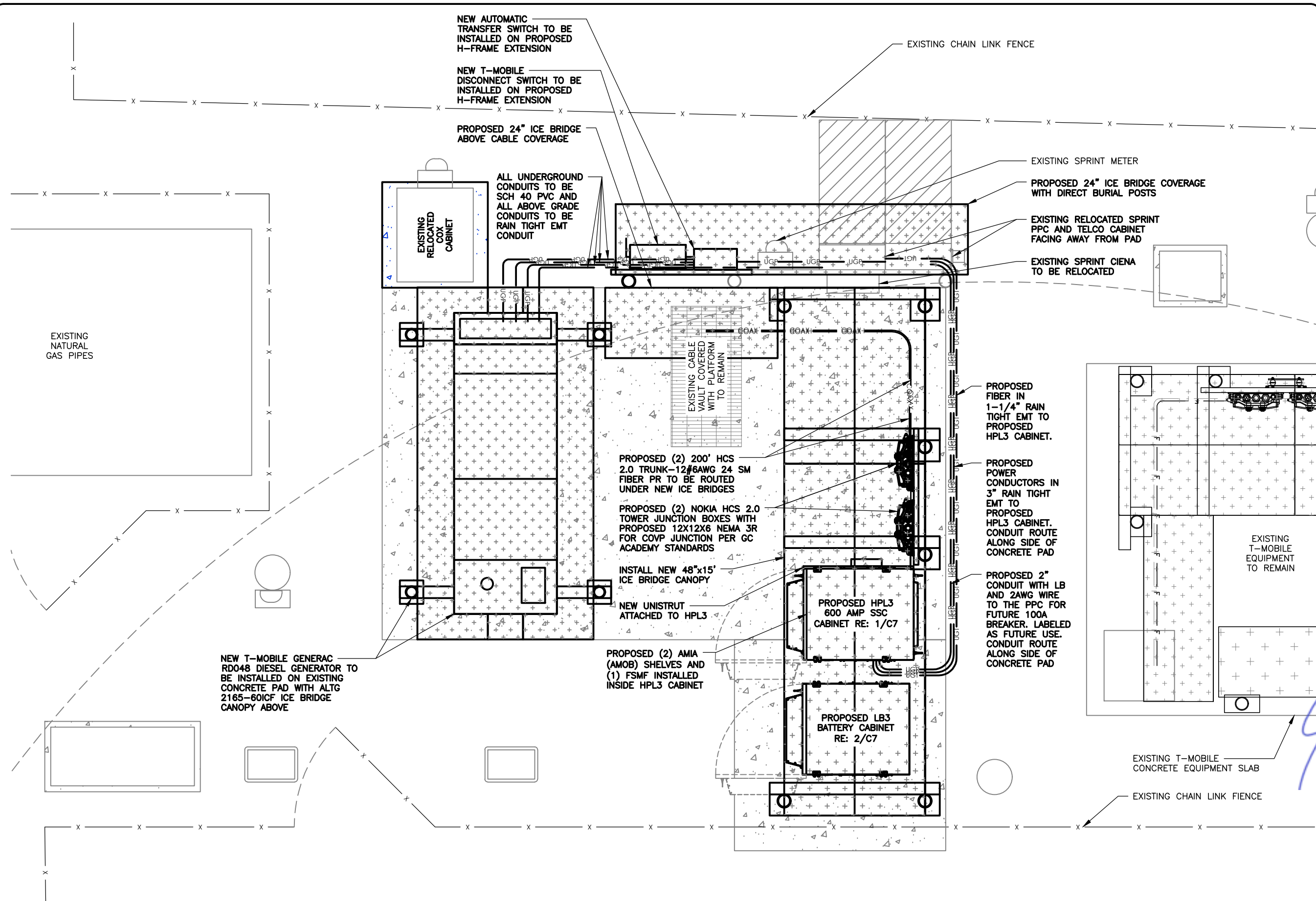
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SHEET TITLE:

ATS SPECIFICATIONS

SHEET NUMBER:	PROJECT #:	REVISION
C23	OK01538A	1
BY:	CKD BY:	
BDH	BDH	

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet: E1 - User: Brian Heimboach - Jul 14, 2022 - 2:39pm



1 EQUIPMENT UTILITY PLAN

SCALE: 0' 1' 5' 10'



VENDOR:

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SHEET TITLE: **EQUIPMENT UTILITY PLAN**

SHEET NUMBER: PROJECT #: OK01538A

E1 BY: BDH CKD BY: BDH **1**

Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

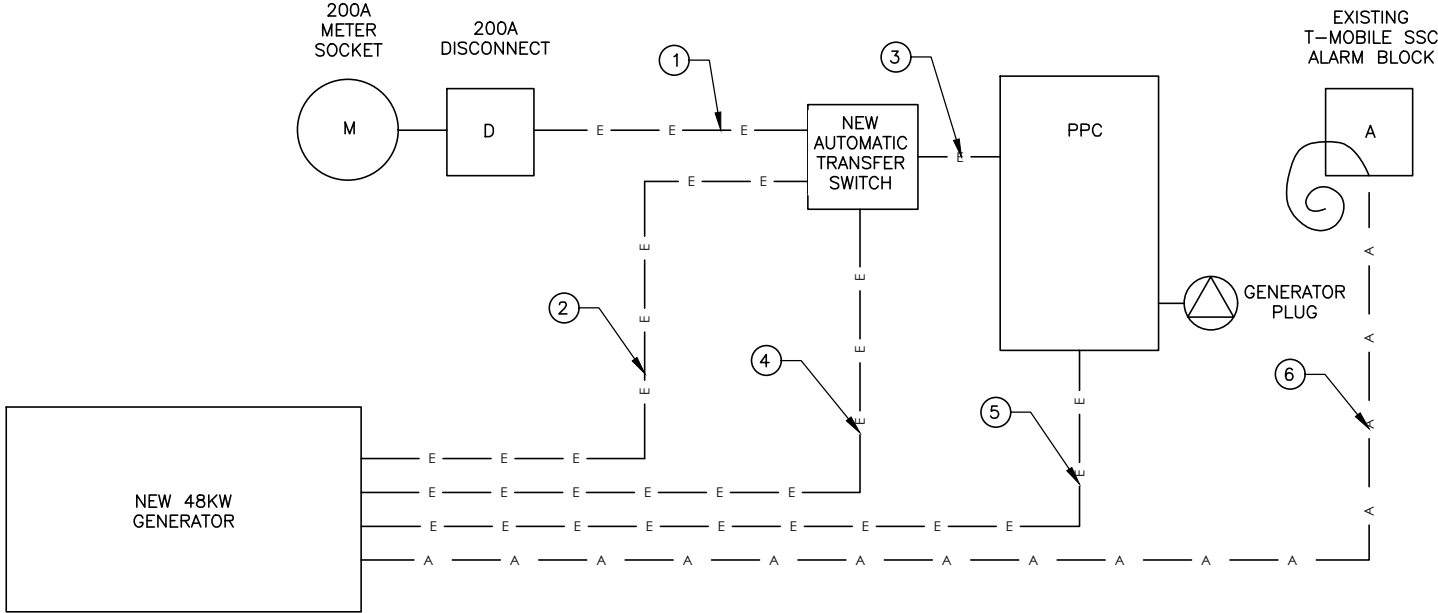
T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg -- SheetE2 -- User: Brian.Heimbach -- Jul 14, 2022 -- 2:39pm

- CONDUIT NOTE:
- ALL BELOW GRADE CONDUITS TO BE PVC CONDUIT
 - ALL ABOVE GRADE CONDUITS TO BE RAIN TIGHT EMT CONDUITS

TYPICAL DIAGRAM CIRCUIT SCHEDULE- FOR REFERENCE ONLY						
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
①	NORMAL POWER SOURCE	ATS	(3) 3/0	(1) #4	3"	NORMAL POWER FEEDER TO ATS
②	GENERATOR	ATS	(3) 3/0	(1) #4	2"	EMERGENCY POWER FEEDER TO ATS
③	ATS	PPC	(3) 3/0	(1) #4	2"	EMERGENCY POWER FEEDER TO PPC
④	ATS	GENERATOR	(2) #10	(1) #12	1"	START CIRCUIT
⑤	PPC	GENERATOR	(2) #10 (2) #10	(1) #12 (1) #12	1" 1"	CIRCUIT FOR GENERATOR BLOCK HEATER & BATTERY HEATER. CIRCUIT FOR BATTERY CHARGER
⑥	ALARM BOX	GENERATOR	12-PAIR 24 AWG	N/A	1"	ALARM CABLES (1) 12 PAIR 24 AWG. (RUN INTO ALARM BOX. PROVIDE 24" OF SLACK CABLE. FINAL PUNCH DOWN IS BY T-MOBILE TECH. LABEL ALL WIRES.)

NOTE:
CONTRACTOR TO FOLLOW
MANUFACTURER ALARM
RECOMMENDATIONS

NOTE:
WIRE AND CONDUIT SIZES
SHOWN ARE ASSUMED AND
ARE TO BE VERIFIED IN FIELD.



1 ONE LINE DIAGRAM AND DETAILS

SCALE: N.T.S.

ALARM WIRE IDENTIFICATION CHART

NAME	DESCRIPTION
GF	CRITICAL FAILURE
FL	FUEL LEAK / OVERFILL
GR	GENERATOR RUNNING
LF	LOW FUEL
MAF	MAJOR FAULT
MIF	MINOR FAULT (PRE-ALARMS)

NOTE:
CONTRACTOR TO MARK WIRES WITH
3/8" TAPE LABELING THE WIRE NAMES.

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1800 BLK WESTMINSTER
NICHOLS HILLS OK 73120

ENGINEER:

JEROD R DOTSON
27779
OKLAHOMA
7/14/22

PE # 27779 EXP. 12/31/2023

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SHEET TITLE:

**ONE LINE DIAGRAM &
DETAILS**

SHEET NUMBER:	PROJECT #:	REVISION
E2	OK01538A	1
BY:	CKD BY:	
BDH	BDH	

T-Mobile OK Consolidation OK01538A-OK03XC315 021822.dwg - Sheet:G1 - User: Brian.Heimbach - Jul 14, 2022 - 2:39pm

GROUNDING AND CABLE NOTES:

1. T-MOBILE IS ELIMINATING THE HOME RUN GROUND WIRE FROM THE TOP AND BOTTOM BUSS BARS ON TOWER SITES. ROOFTOPS ARE STILL REQUIRED TO HAVE SECTORIZED GROUND AND #2 INSULATED GROUND WIRE, FROM SECTOR GROUNDS TO MAIN BUSS BARS AND BUILDING STEEL.
2. REMOVED INSULATORS (CHERRIES) FROM THE BUSS BARS AND GROUND TO TOWER, TOP AND BOTTOM ON TOWER SITES ONLY.
3. ALL EXPOSED GROUNDS ARE TO BE DRESSED WITH SEAL TIGHT.
4. ALL ICE BRIDGE POSTS ARE TO BE GROUNDED WITH #2 SOLID AND DRESSED IN SEAL TIGHT.
5. THE DISTANCE BETWEEN TRAPEZE HANGERS ON ICE BRIDGES IS 3'
6. THE DISTANCE BETWEEN BUTTERFLIES AND CABLE STAND-OFFS IS 3'
7. THE DISTANCE BETWEEN CONVENTIONAL AND/OR SNAP-HANGERS ON 1/2" JUMPERS SHALL BE NO MORE THAN 3' AT THE TOP AND 2' AT THE BOTTOM PER MANUFACTURER'S RECOMMENDATION.
8. NO HYBRID CABLES SHOULD TOUCH METAL OR STEEL; THE USE OF STAND-OFF BRACKETS ARE REQUIRED.
9. JUMPERS SHOULD NOT BE CURLED-UP OR COILED TO ELIMINATE SLACK.
10. GRAVEL UNDER ALL PLATFORMS IS REQUIRED.
11. HYBRID AND JUMPER LINES SHOULD BE DRESSED IN ON THE SIDE OR BOTTOM OOF T-BOOMS.

GROUNDING LEGEND

SYMBOL	DESCRIPTION
---	GROUND CONDUCTOR
■	MECHANICAL CONNECTION
▲	CADWELD CONNECTION

NEW T-MOBILE GENERAC RD048 DIESEL GENERATOR TO BE INSTALLED ON EXISTING CONCRETE PAD WITH ALTG 2165-60ICF ICE BRIDGE CANOPY ABOVE

NEW AUTOMATIC TRANSFER SWITCH TO BE INSTALLED ON PROPOSED H-FRAME EXTENSION

NEW T-MOBILE DISCONNECT SWITCH TO BE INSTALLED ON PROPOSED H-FRAME EXTENSION

EXISTING CHAIN LINK FENCE

EXISTING SPRINT METER

EXISTING RELOCATED SPRINT PPC AND TELCO CABINET FACING AWAY FROM PAD

EXISTING SPRINT CIENA TO BE RELOCATED

EXISTING CABLE VAULT COVERED WITH PLATFORM TO REMAIN

PROPOSED (2) NOKIA HCS 2.0 TOWER JUNCTION BOXES WITH PROPOSED 12X12X6 NEMA 3R FOR COVP JUNCTION PER GC ACADEMY STANDARDS

INSTALL NEW 48"x15' ICE BRIDGE CANOPY

NEW UNISTRUT ATTACHED TO HPL3

PROPOSED (2) AMIA (AMOB) SHELVES AND (1) FSMF INSTALLED INSIDE HPL3 CABINET

PROPOSED HPL3 600 AMP SSC CABINET RE: 1/C7

PROPOSED LB3 BATTERY CABINET RE: 2/C7

PROPOSED MECHANICAL CONNECTIONS (TYP)

PROPOSED #2 GREEN THHN GROUND WIRE ON PROPOSED HPL3 AND LB3 CABINETS

EXISTING T-MOBILE EQUIPMENT TO REMAIN

EXISTING T-MOBILE CONCRETE EQUIPMENT SLAB

EXISTING CHAIN LINK FENCE

1 EQUIPMENT GROUNDING PLAN

SCALE: 0' 1' 5' 10'



VENDOR:

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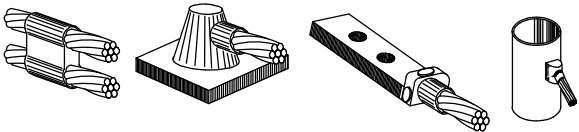
ENGINEER:

JEROD R DOTSON
27779
OKLAHOMA
7/14/22
PE # 27779 EXP. 12/31/2023

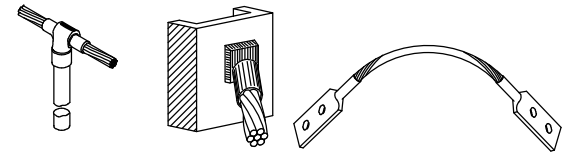
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SHEET TITLE: EQUIPMENT GROUNDING PLAN

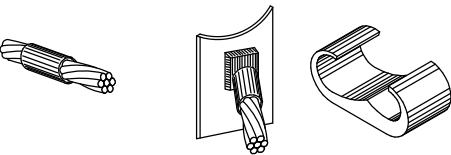
SHEET NUMBER: G1	PROJECT #: OK01538A	REVISION: 1
BY: BDH	CKD BY: BDH	



TYPE PT TYPE HS TYPE YA-2 TYPE VS



TYPE GT TYPE VS TYPE 2-YA-2



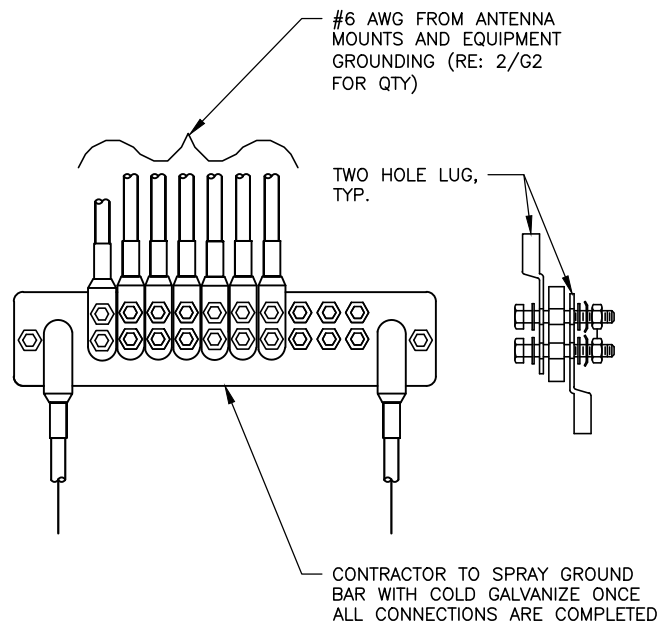
TYPE SS TYPE VBC TYPE YGHC

1 TYPICAL CADWELD DETAILS

SCALE: N.T.S.

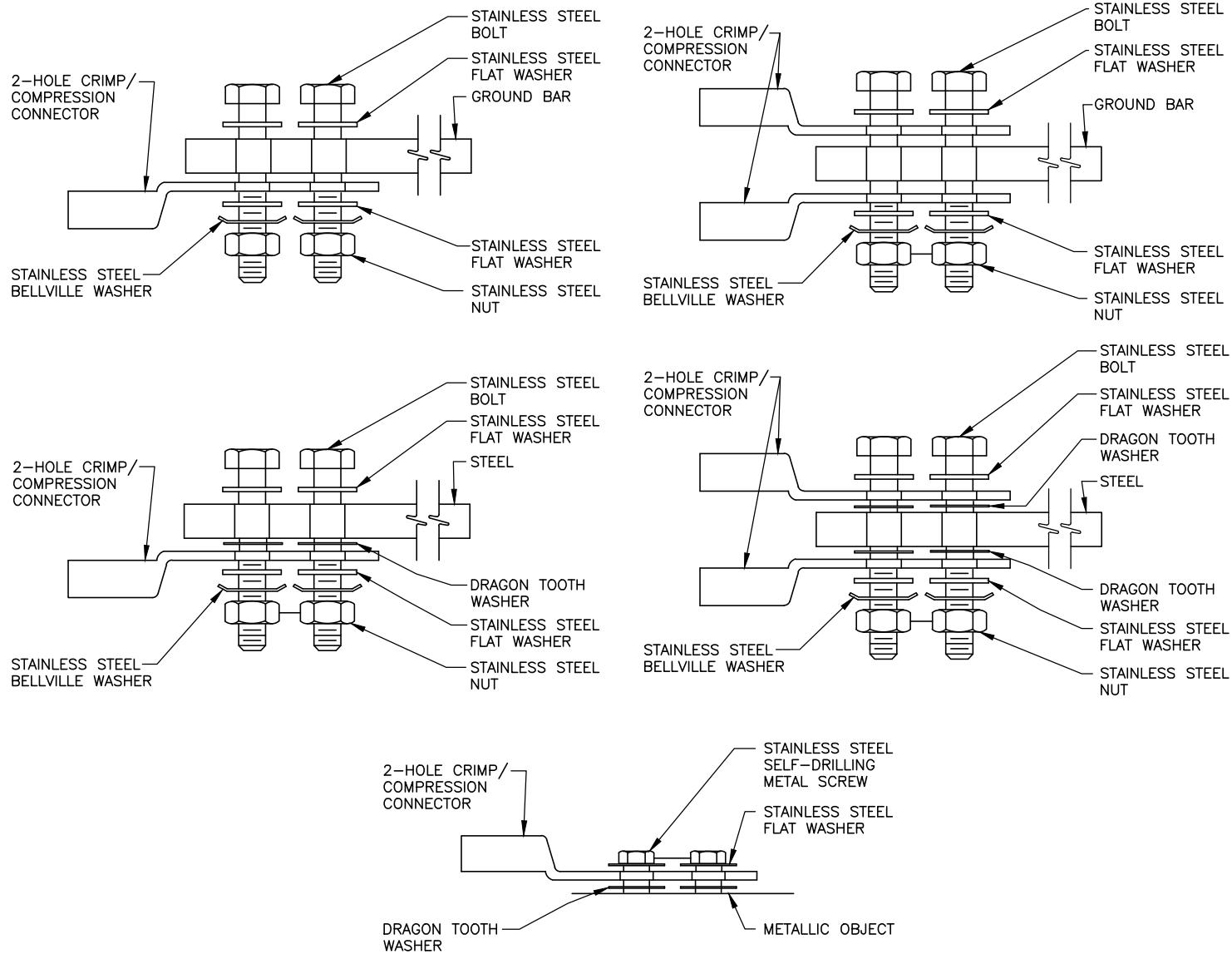
NOTE:

1. CONTRACTOR TO APPLY COPPER SHIELD OR NO-OX.
2. GROUND BAR SHALL BE SIZED TO ACCOMMODATE ALL GROUNDING CONNECTIONS REQUIRED PLUS PROVIDE 50% SPARE CAPACITY.



2 GROUND BAR DETAIL

SCALE: N.T.S.



1. CHOOSE BOLT LENGTH TO ALLOW A MIN. OF THREE THREADS EXPOSED.
2. BURNISH MOUNTING SURFACE TO REMOVE PAINT IN THE AREA OF THE CONNECTOR.
3. APPLY ANTI-OXIDANT COMPOUND TO MATING SURFACE OF CONNECTOR AND WIPE OFF EXCESS COMPOUND.
4. APPLY CLEAR HEAT SHRINK OVER ENTIRE LENGTH OF LABEL FOR PROTECTION. (REFER TO CONDUCTOR LABELS SECTION.)

3 MECHANICAL CONNECTION DETAILS

SCALE: N.T.S.

VENDOR:

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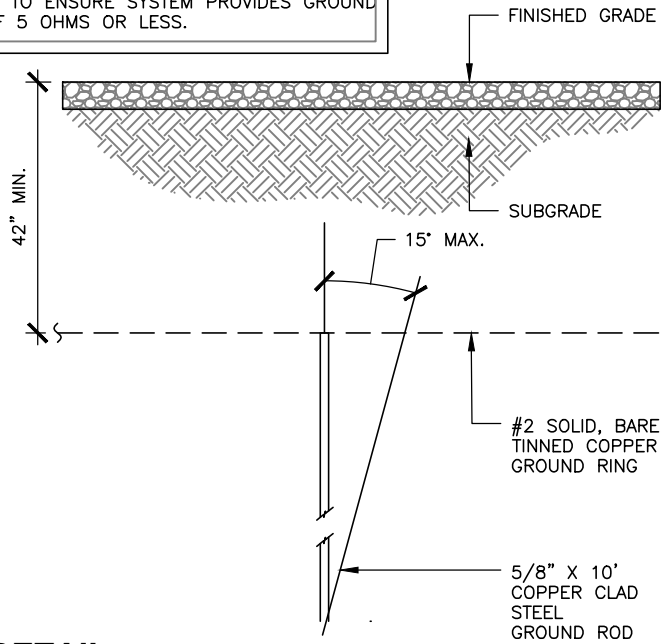
GROUNDING DETAILS

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G2	OK01538A	1
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Attachment: PC-2022-05 PACKET (5980 : T-Mobile - Special Permit Application)

GROUNDING PLAN NOTES:

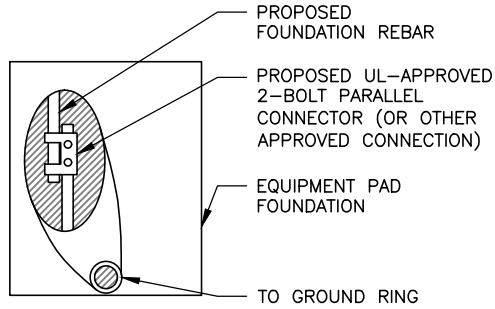
- FOR ACTUAL ORIENTATION OF GENERATOR, EQUIPMENT PAD, FENCE, TOWER, & U/G POWER/TELCO CONDUITS SEE SHEET C-1.
- VERIFY QTY., LENGTH, TYPE, & CONFIGURATION OF GROUND RODS TO ENSURE SYSTEM PROVIDES GROUND RESISTANCE OF 5 OHMS OR LESS.



1 GROUND ROD DETAIL
SCALE: N.T.S.

EQUIPMENT PAD GROUNDING NOTES:

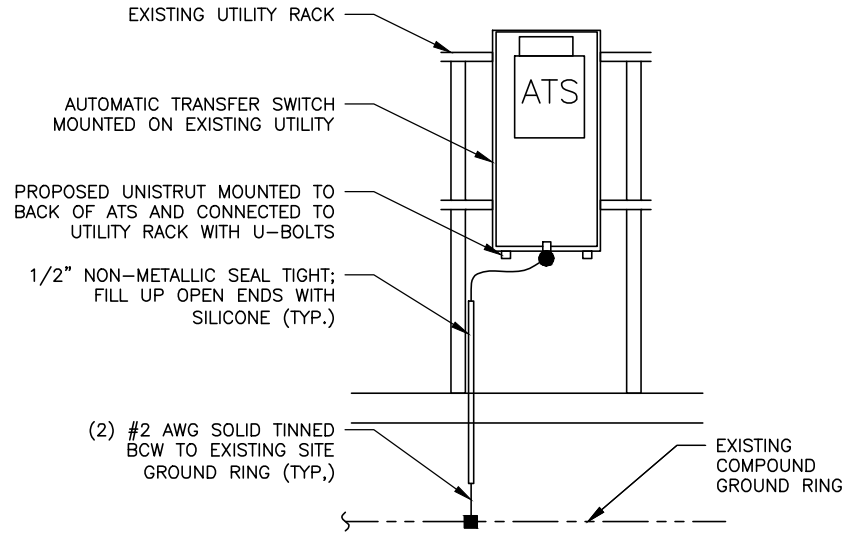
- CONNECTION SHALL BE COVERED BY NO LESS THAN 2" OF CONCRETE.
- ATTEMPT TO MAKE CONNECTION TO A 6'-0" RUN OF REBAR OR GREATER.
- APPLY HEAT SHRINK OR ELECTRICAL TAPE AROUND THE CONDUCTOR TO AVOID CORROSION.



2 EQUIPMENT PAD GROUNDING
SCALE: N.T.S.

AUTOMATIC TRANSFER SWITCH NOTE:

PROVIDE BONDING JUMPERS AS NECESSARY PER NEC SECTION 250.



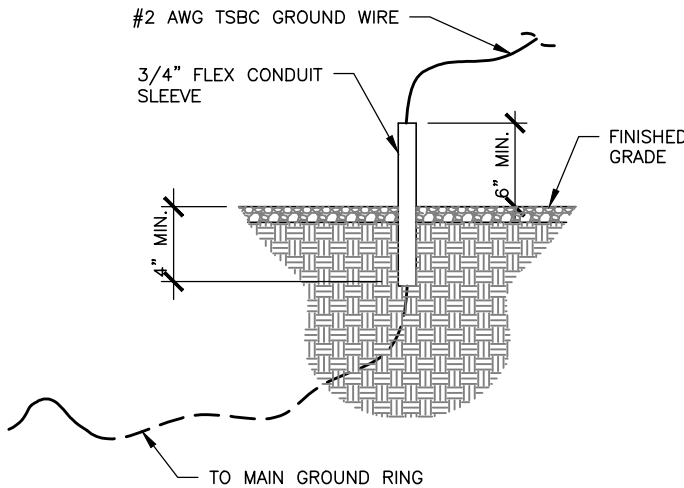
3 AUTOMATIC TRANSFER SWITCH GROUNDING
SCALE: N.T.S.

GENERATOR NOTE:

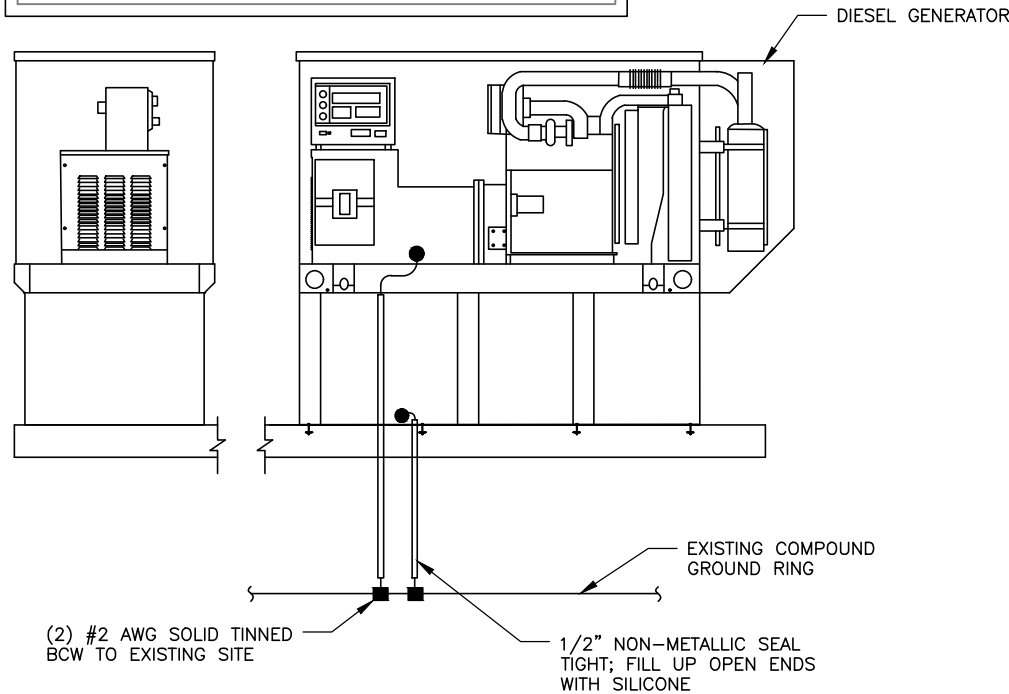
- CADWELD CONNECTION FOR GROUNDING CONDUCTORS BETWEEN PROPOSED AND EXISTING SECTIONS OF FENCE.
- GENERATOR SYSTEM SHALL BE SOLIDLY GROUNDED PER NEC 250.20.
- GROUND WIRE TO BE IN NON-METALLIC SEAL TIGHT. GC TO FILL UP OPEN ENDS WITH SILICONE.

LEGEND:

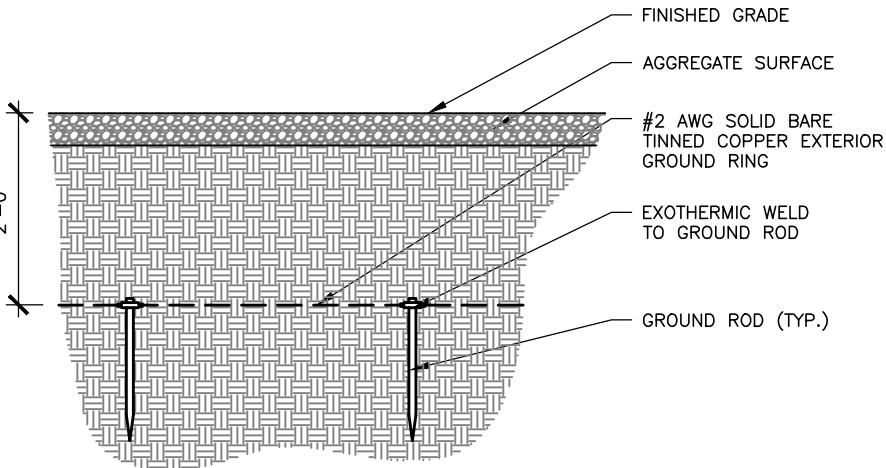
- MECHANICAL CONNECTION
- EXOTHERMIC CONNECTION



5 STUB UP DETAIL
SCALE: N.T.S.



6 GENERATOR ELEVATION
SCALE: N.T.S.



4 GROUND RING DETAIL
SCALE: N.T.S.

VENDOR:

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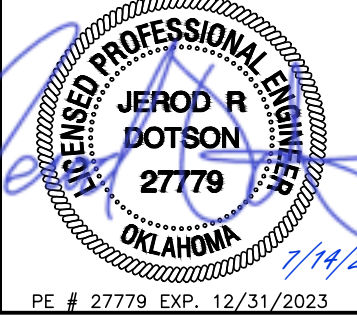
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SHEET TITLE:

GROUNDING DETAILS

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BY: BDH	CKD BY: BDH	



Date: **May 11, 2022**

Brittany Manley
Branch Communications, Inc.
7335 S. Lewis Ave, Ste 300
Tulsa, OK 74136

SMW Engineering Group, Inc.
158 Business Center Dr.
Birmingham, AL 35244
(205) 252-6985

Subject:	Structural PE Letter		
Carrier Designation:	T-Mobile Equipment Change-out		
	Carrier Site Name/Number:	OK01538A	
Engineering Firm Designation:	SMW Engineering Group, Inc. Project Number:	21-1188	
Site Data:	1800 Westminster Place, Nichols Hills, OK 73120 (Oklahoma County) Latitude 35.5587°, Longitude -97.558° 124'-0" Water Tank		

Dear Brittany Manley,

SMW Engineering Group, Inc. is pleased to submit this "**Structural PE Letter**" to determine the structural integrity of the above-mentioned structure.

The purpose of the assessment is to determine acceptability of the structure to sufficiently support the telecommunications equipment presented in this report. Based on our professional opinion we have determined the suitability for the structure, under the following load case, to be:

Proposed Equipment Configuration

Sufficient Capacity

This assessment was performed in accordance with the 2018 International Building Code, based upon an ultimate 3-second gust wind speed of 109 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

All equipment proposed in this report shall be installed in accordance with the associated drawings for the determined available structural capacity to be effective.

We at SMW Engineering Group, Inc. appreciate the opportunity of providing our continuing professional services to you. If you have any questions or need further assistance on this or any other projects, please give us a call.

Respectfully submitted by:

Jeremy Sharit, P.E.
Project Engineer
OK CA #5140 PE

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1) INTRODUCTION

The telecommunications equipment will be on existing mounts on top of a water tank. There is existing telecommunications equipment on the mounts now. See the table below for the final equipment configuration.

2) ASSESSMENT CRITERIA

Building Code:	2018 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	109 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	30 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
131.0	134.0	3	Commscope	FFVV-65C-R3-V1	2	HCS 2.0 Trunk
		3	Nokia	AEHC		
		3	Nokia	AHFIG		
		3	Nokia	AHLOA		
		2	Nokia	HCS 2.0 Breakout Feature		
		3	-	Sector Mount		

3) ASSESSMENT PROCEDURE**Table 2- Documents Provided**

Document	Remarks	Reference
RFDS	T-Mobile	Dated 03/17/22
Construction Drawings	Branch Communications, Inc.	-
Mount Analysis Report	SMW Engineering Group, Inc.	-

3.1) Assumptions

- 1) The structure was built in accordance with the designer's specifications.
- 2) The structure has been maintained and is free of damage.
- 3) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Table 1.

This assessment may be affected if any assumptions are not valid or have been made in error. SMW Engineering should be notified to determine the effect on the structural integrity of the structure.

4) ASSESSMENT RESULTS

It is our assessment that the water tank will support the proposed equipment configuration. This is based on past performance and that the proposed equipment configuration will only slightly increase the wind area and weight of appurtenances being applied, which poses no significant change in impact when compared to the size of the structure. Therefore, the structure is deemed adequate. Analysis of the antenna mounts is based on the associated Mount Analysis Report.

Water tank located at 1800 Westminster Place, Nichols Hills, OK 73120
LAT: 35.558651
LONG: -97.558102



Larry Stein Oklahoma County Assessor's Office



Ownership Radius Report

This Non-Official Report is for Account Number R169842520 and is a 300-foot radius from the outside of the polygon. If the minimum number of different owners was not reached it was extended by 100-foot increments until the required number of different owners was reached, or the maximum distance was reached. This report does not constitute a legal survey or document, for definitive description of real property and ownership; consult the deeds recorded in the Oklahoma County Clerks Office. **Official Record of this Certified Radius Report will expire 30 days from the date of creation stamped on the back of this sheet.**

STATE OF OKLAHOMA }
COUNTY OF OKLA } ss:

I, the duly elected, qualified and acting
County Assessor, in and for the County
and State aforesaid, do hereby certify that
the within and foregoing is a full, true and
complete copy of 300 ft radius report
filed in the office of the County Assessor
on the 6 day of June, 2022
Given under my hand and official seal this
6 day of June, 2022

D. Hanby County Assessor
Deputy

Oklahoma County Assessor's
300ft Radius Report
6/6/2022

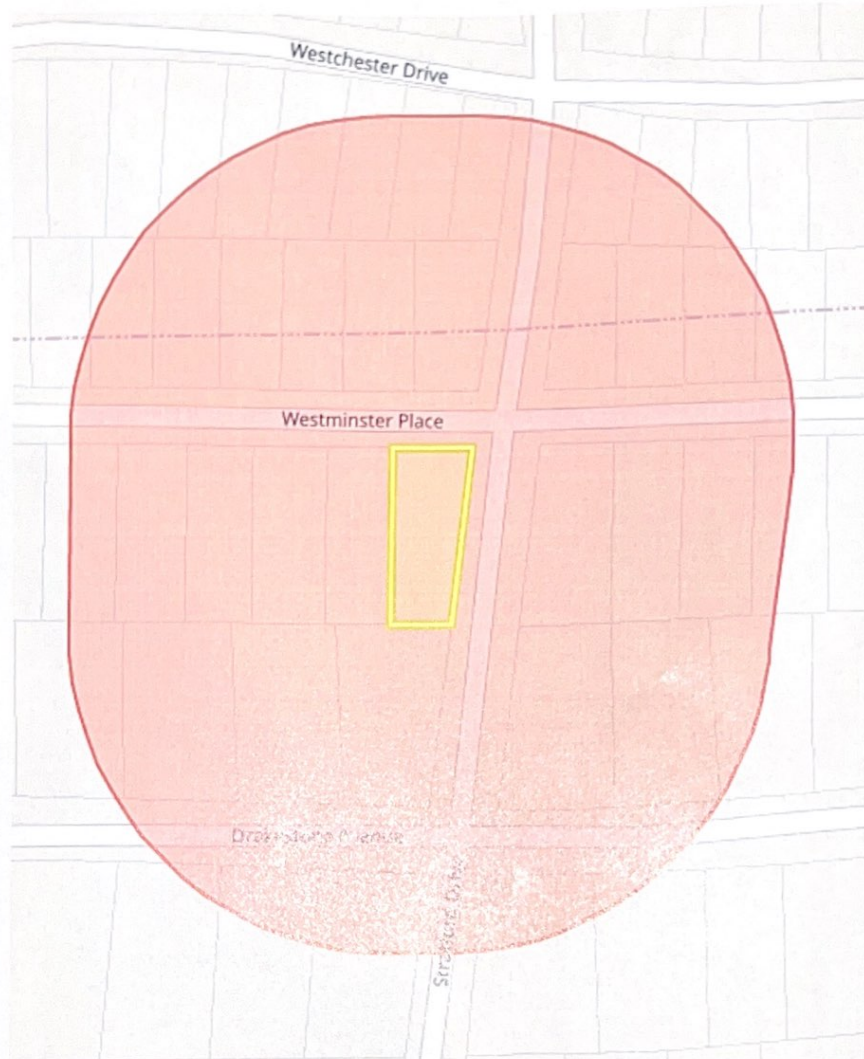
accountno	name1	name2	mailingaddress1	Shape	city	state	zipcode	subname	block	lot	legal	location
R169843315	TODD KIMBERLY STONE		1724 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-1010	NICHOLS HILLS WILSHIRE	109	000	NICHOLS HILLS WILSHIRE 109 000 LOTS 42 & 43	1724 DRAKESTONE AVE NICHOLS HILLS
R169843290	MARKOFF DANIEL P		9211 LAKE HEFNER PKWY STE 104		OKLAHOMA CITY	OK	73120-6501	NICHOLS HILLS WILSHIRE	109	000	NICHOLS HILLS WILSHIRE 109 000 LOTS 38 THRU 41	1722 DRAKESTONE AVE NICHOLS HILLS
R169842015	STONE R SPENCER & HIRIE G		1800 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-4716	NICHOLS HILLS WILSHIRE	106	000	NICHOLS HILLS WILSHIRE 106 000 LOTS 1 & 2	1800 DRAKESTONE AVE NICHOLS HILLS
R169842040	JOHNSON BRADLEY J		1802 DRAKESTONE AVE		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	106	000	NICHOLS HILLS WILSHIRE 106 000 LOTS 3 & 5 & E15FT LOT 6	1802 DRAKESTONE AVE NICHOLS HILLS
R169842045	SIMMS BRIAN M		1804 DRAKESTONE AVE		OKLAHOMA CITY	OK	73160	NICHOLS HILLS WILSHIRE	106	000	NICHOLS HILLS WILSHIRE 106 000 W10FT OF LOT 6 ALL 7 8 9 & E15FT OF LOT 10	1804 DRAKESTONE AVE NICHOLS HILLS
R169842875	ROSENBERG ERIC	ROSENBERG DEVON	1801 DRAKESTONE AVE		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	107	073	NICHOLS HILLS WILSHIRE 107 073	1801 DRAKESTONE AVE NICHOLS HILLS
R169844475	CLIFTON ROSS & BONNIE		1723 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-1009	NICHOLS HILLS WILSHIRE	112	000	NICHOLS HILLS WILSHIRE 112 000 LOTS 18 & 19	1723 DRAKESTONE AVE NICHOLS HILLS
R169842855	HERRITT ROBERT M	HERRITT BRITTANY T	1803 DRAKESTONE AVE		OKLAHOMA CITY	OK	73120	NICHOLS HILLS WILSHIRE	107	000	NICHOLS HILLS WILSHIRE 107 000 ALL LOT 69 EX BEG SW/C LT 69 TH E2.7FT NLY55.80FT NWLY34FT TO A PT 1.6FT E OF W LINE LT 69 TH NWLY TO NW/C LT 69 SLV164.27FT TO BEG PLUS ALL LOTS 70 71 72	1803 DRAKESTONE AVE NICHOLS HILLS
R169842835	BUCKLER WILLIAM BRYAN & ROBIN		1805 DRAKESTONE AVE		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	107	000	NICHOLS HILLS WILSHIRE 107 000 ALL LOTS 65 66 67 68 & PT LOT 69 BEG SW/C SD LOT 69 TH E2.70FT NE55.80FT TO A POINT 2.70FT E OF W LINE SD LOT NWLY 34FT TO A POINT 1.60FT E OF W LINE SD LOT NWLY TO NW/C	1805 DRAKESTONE AVE NICHOLS HILLS
R169842815	COOPER CODY J	COOPER LAUREN R	1807 DRAKESTONE AVE		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	107	000	NICHOLS HILLS WILSHIRE 107 000 LOTS 61 62 63 & 64	1807 DRAKESTONE AVE NICHOLS HILLS
R169844485	BENNETT MARK H & LAURIE A		1721 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-1009	NICHOLS HILLS WILSHIRE	112	000	NICHOLS HILLS WILSHIRE 112 000 ALL LOTS 20 21 22 & 23 EX BEG SE/C LT 23 TH N TO NE/C WSFT TH S TO BEG	1721 DRAKESTONE AVE NICHOLS HILLS
R169844505	GAMBLE CHARLES D JR		1719 DRAKESTONE AVE		NICHOLS HILLS	OK	73120-1009	NICHOLS HILLS WILSHIRE	112	000	NICHOLS HILLS WILSHIRE 112 000 A STRIP BEG AT SE/C LOT 23 N TO NE/C WSFT S TO BEG & ALL LOTS 24 THRU 26 W15FT LOT 27	1719 DRAKESTONE AVE NICHOLS HILLS
R169842520	KRAKER PATRICIA T		1800 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-4702	NICHOLS HILLS WILSHIRE	107	001	NICHOLS HILLS WILSHIRE 107 001	1800 WESTMINSTER PL NICHOLS HILLS
R169842525	DERR DANIEL	DERR ROSEMARY	9615 N BROADWAY EXT		OKLAHOMA CITY	OK	73114	NICHOLS HILLS WILSHIRE	107	002	NICHOLS HILLS WILSHIRE 107 002	1802 WESTMINSTER PL NICHOLS HILLS

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R169842530	LAWP INVESTMENTS LLC		PO BOX 20787		OKLAHOMA CITY	OK	73156	NICHOLS HILLS WILSHIRE	107	003	NICHOLS HILLS WILSHIRE 107 003	1804 WESTMINSTER PL NICHOLS HILLS
R169842535	RODGERS JENNIFER S		1806 WESTMINSTER PL		NICHOLS HILLS	OK	73120-4702	NICHOLS HILLS WILSHIRE	107	004	NICHOLS HILLS WILSHIRE 107 004	1806 WESTMINSTER PL NICHOLS HILLS
R169842540	VOTH KENNETH C & JOAN S		2828 KENT DR		OKLAHOMA CITY	OK	73120-2907	NICHOLS HILLS WILSHIRE	107	005	NICHOLS HILLS WILSHIRE 107 005	1808 WESTMINSTER PL NICHOLS HILLS
R169842545	NORDYKE CINDY ANN TRS	NORDYKE CINDY ANN REV TRUST	1810 WESTMINSTER PL		OKLAHOMA CITY	OK	73120	NICHOLS HILLS WILSHIRE	107	006	NICHOLS HILLS WILSHIRE 107 006	1810 WESTMINSTER PL NICHOLS HILLS
R169844470	LOWER CHRISTOPHER A & LAVERYL TRS	LOWER FAMILY TRUST	1732 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-1002	NICHOLS HILLS WILSHIRE	112	017	NICHOLS HILLS WILSHIRE 112 017	1732 WESTMINSTER PL NICHOLS HILLS
R169844465	BROWN GUY L	MORRIS BRENDA JO	1730 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-1002	NICHOLS HILLS WILSHIRE	112	016	NICHOLS HILLS WILSHIRE 112 016	1730 WESTMINSTER PL NICHOLS HILLS
R169844460	FREDE JANET C TRS	FREDE JANET TRUST	1728 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-1002	NICHOLS HILLS WILSHIRE	112	015	NICHOLS HILLS WILSHIRE 112 015	1728 WESTMINSTER PL NICHOLS HILLS
R169844455	KNIGHT SODDEE R Y	KNIGHT KETURAH Y	11900 N PENNSYLVANIA AVE STE A 10		OKLAHOMA CITY	OK	73120	NICHOLS HILLS WILSHIRE	112	014	NICHOLS HILLS WILSHIRE 112 014	1726 WESTMINSTER PL NICHOLS HILLS
R169844755	MORRIS AUSTIN		1727 WESTMINSTER PL		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	113	014	NICHOLS HILLS WILSHIRE 113 014	1727 WESTMINSTER PL NICHOLS HILLS
R169844760	MIJ PROPERTIES LLC		PO BOX 82098		OKLAHOMA CITY	OK	73148-0098	NICHOLS HILLS WILSHIRE	113	015	NICHOLS HILLS WILSHIRE 113 015	1729 WESTMINSTER PL NICHOLS HILLS
R169844765	DRAKESTONE REAL ESTATE INVESTMENTS LLC		1723 DORCHESTER DR		OKLAHOMA CITY	OK	73120	NICHOLS HILLS WILSHIRE	113	016	NICHOLS HILLS WILSHIRE 113 016	1731 WESTMINSTER PL NICHOLS HILLS
R169844770	TURK HERBERT A JR		1733 WESTMINSTER PL		NICHOLS HILLS	OK	73120-1001	NICHOLS HILLS WILSHIRE	113	017	NICHOLS HILLS WILSHIRE 113 017	1733 WESTMINSTER PL NICHOLS HILLS
R169842910	MCFARLAND GREG	CASHMAN SHELBY	1813 WESTMINSTER PL		NICHOLS HILLS	OK	73120	NICHOLS HILLS WILSHIRE	108	007	NICHOLS HILLS WILSHIRE 108 007	1813 WESTMINSTER PL NICHOLS HILLS
R169842905	BAF 1 LLC		5001 PLAZA ON THE LAKE, Unit 200		AUSTIN	TX	78746	NICHOLS HILLS WILSHIRE	108	006	NICHOLS HILLS WILSHIRE 108 006	1811 WESTMINSTER PL NICHOLS HILLS
R169842900	MCKEE SIERRA		1809 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-4701	NICHOLS HILLS WILSHIRE	108	005	NICHOLS HILLS WILSHIRE 108 005	1809 WESTMINSTER PL NICHOLS HILLS
R169842895	CLARK PAUL M		1807 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-4701	NICHOLS HILLS WILSHIRE	108	004	NICHOLS HILLS WILSHIRE 108 004	1807 WESTMINSTER PL NICHOLS HILLS
R169842890	HARRISON CANDICE D	HARRISON D ANN	1805 WESTMINSTER PL		OKLAHOMA CITY	OK	73120-4701	NICHOLS HILLS WILSHIRE	108	003	NICHOLS HILLS WILSHIRE 108 003	1805 WESTMINSTER PL NICHOLS HILLS

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R169842885	BAILEY B A		6608 N WESTERN AVE, Unit 216		OKLAHOMA CITY	OK	73116	NICHOLS HILLS WILSHIRE	108	002	NICHOLS HILLS WILSHIRE 108 002	1803 WESTMINSTER PL NICHOLS HILLS
R169842880	PUJARI GANGA	PUJARI GITA	1801 WESTMINSTER PL		NICHOLS HILLS	OK	73120-4701	NICHOLS HILLS WILSHIRE	108	001	NICHOLS HILLS WILSHIRE 108 001	1801 WESTMINSTER PL NICHOLS HILLS
R179644070	VILLAGE TEN INVESTMENTS LLC		1914 HUNTINGTON AVE		NICHOLS HILLS	OK	73116-5506	VILLAGE SECOND ADD	147	018	VILLAGE SECOND ADD 147 018	1734 WESTCHESTER DR VILLAGE
R179644080	VILLAGE TEN INVESTMENTS LLC		1914 HUNTINGTON AVE		NICHOLS HILLS	OK	73116-5506	VILLAGE SECOND ADD	147	019	VILLAGE SECOND ADD 147 019	1736 WESTCHESTER DR VILLAGE
R179644090	BASHANT RONALD L	DEARMOND MICHAEL E	1738 WESTCHESTER DR		OKLAHOMA CITY	OK	73120-1127	VILLAGE SECOND ADD	147	020	VILLAGE SECOND ADD 147 020	1738 WESTCHESTER DR VILLAGE
R179583620	SVE INVESTMENTS LLC		912 NW 15TH ST		OKLAHOMA CITY	OK	73106-6608	VILLAGE EXTENDED	146	001	VILLAGE EXTENDED 146 001	1800 WESTCHESTER DR VILLAGE
R179583630	LEE LEWIS E & LOIS M		1804 WESTCHESTER DR		OKLAHOMA CITY	OK	73120-1129	VILLAGE EXTENDED	146	002	VILLAGE EXTENDED 146 002	1804 WESTCHESTER DR VILLAGE
R179583640	HANEY DAVID J & CYNTHIA TRS	HANEY DAVID & CYNTHIA LIVING TRUST	509 NW 17TH ST		OKLAHOMA CITY	OK	73103-2113	VILLAGE EXTENDED	146	003	VILLAGE EXTENDED 146 003	1808 WESTCHESTER DR VILLAGE
R179583650	ALLEN GREG		3921 NW 44TH ST		OKLAHOMA CITY	OK	73112-2517	VILLAGE EXTENDED	146	004	VILLAGE EXTENDED 146 004	1812 WESTCHESTER DR VILLAGE
R179583660	SCHILL LARRY D & JEANIE TRS	SCHILL FAMILY TRUST	11515 HILLSDALE DR		EDMOND	OK	73013-0465	VILLAGE EXTENDED	146	005	VILLAGE EXTENDED 146 005	1816 WESTCHESTER DR VILLAGE
R179583670	CASTILLO JOSEPH	CASTILLO ANTOINETTE D	1820 WESTCHESTER DR		OKLAHOMA CITY	OK	73120	VILLAGE EXTENDED	146	006	VILLAGE EXTENDED 146 006	1820 WESTCHESTER DR VILLAGE
R179583680	RAMIREZ ALBERT G		1824 WESTCHESTER DR		OKLAHOMA CITY	OK	73120-1129	VILLAGE EXTENDED	146	007	VILLAGE EXTENDED 146 007	1824 WESTCHESTER DR VILLAGE



Site # OK01538A
Market: Central - OK

SECOND AMENDMENT TO LEASE AGREEMENT

THIS SECOND AMENDMENT TO LEASE AGREEMENT ("Amendment") is made and entered into by and between The City of Nichols Hills and Nichols Hills Municipal Authority, a Municipal Trust ("Landlord" or "City"), and Sprint Spectrum L.P., a Delaware limited partnership ("Tenant").

RECITALS

The parties hereto recite, declare, and agree as follows:

A. Landlord and Sprint Spectrum, L.P., a Delaware Limited Partnership, entered into an Agreement dated March 12, 1996 (including all prior amendments, the "Lease") with respect to Premises located at 1800 Westminster Place, Nichols Hills, OK 73120. T-Mobile Central LLC has succeeded to and assumed all of Sprint Spectrum, L.P.'s rights, duties, and obligations as Tenant under the Lease.

B. Landlord and Tenant desire to enter into this Amendment in order to modify and amend certain provisions of the Lease.

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant covenant and agree as follows:

1. The foregoing Recitals are expressly made a part of this Second Amendment and are incorporated herein by this reference. All capitalized terms used but not defined herein shall have the same meaning as in the Lease.

2. The following is added to Paragraph 3. Term of the Lease:

The term of the Lease is hereby extended to midnight on August 31, 2023 (the "**Current Term**"), and Tenant shall have the right to extend this Lease for two (2) additional five-year terms (each, a "**Renewal Term**"), respectively, on the same terms and conditions as set forth in the Lease. The Lease shall automatically renew for each Renewal Term, unless Tenant notifies Landlord, in writing, of Tenant's intention not to renew the Lease at least thirty (30) days prior to the expiration of the Current Term or immediately preceding Renewal Term. All references to Renewal Term in the Lease shall include the Renewal Terms set forth in the Second Amendment. If Tenant shall remain in possession of the Premises at the expiration of this Lease without a written agreement, such tenancy shall be deemed a month-to-month tenancy under the same terms and conditions of the Lease.

3. Effective as of September 26, 2022, a) Tenant will have the right to modify its Antenna Facilities as described and depicted on Exhibit C, which is attached hereto and by this reference incorporated herein, and Landlord hereby consents to and approves of the modifications described and depicted in Exhibit C in all respects, and (b) the Rent that Tenant pays Landlord will be increased by One Hundred and Fifty Dollars (\$150.00) per month.

Site # OK01538A
Market: Central - OK

4. The parties' notice addresses in the Lease are deleted in their entirety and replaced with the following:

If to Tenant:

T-Mobile USA, Inc.
Attn: Lease Compliance/Site No. OK01538A
12920 SE 38th Street
Bellevue, WA 98006

If to Landlord:

The City of Nichols hills
and Nichols Hills Municipal Authority,
a Municipal Trust
6407 Avondale Drive
Nichols Hills, OK 73166

5. The terms and conditions of the Lease are incorporated herein by this reference, and capitalized terms used in this Amendment shall have the same meanings such terms are given in the Lease. Except as specifically set forth herein, this Amendment shall in no way modify, alter or amend the remaining terms of the Lease, all of which are ratified by the parties and shall remain in full force and effect. To the extent there is any conflict between the terms and conditions of the Lease and this Amendment, the terms and conditions of this Amendment will govern and control.

6. Landlord represents and warrants to Tenant that the consent or approval of no third party, including, without limitation, a lender, is required with respect to the execution of this Amendment, or if any such third party consent or approval is required, Landlord has obtained any and all such consents or approvals.

7. This Amendment may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute a single instrument. Signed facsimile and electronic copies of this Amendment shall legally bind the parties to the same extent as original documents.

IN WITNESS WHEREOF, the parties have executed this Amendment effective as of the date of execution by the last party to sign.

**Sprint Spectrum L.P.,
a Delaware limited partnership**

By: _____

Name: _____

Title: _____

Date: _____

AJ
Digitally
signed by AJ
Date:
2022.08.03
10:42:45
-04'00'

TMO Signatory Level : L06

Site # OK01538A
Market: Central - OK

ATTEST:

**THE CITY OF NICHOLS HILLS,
OKLAHOMA**

CITY CLERK

MAYOR

Reviewed for form and legality.
City Attorney

ATTEST:

**NICHOLS HILLS MUNICIPAL
AUTHORITY**

CITY CLERK

CHAIRMAN

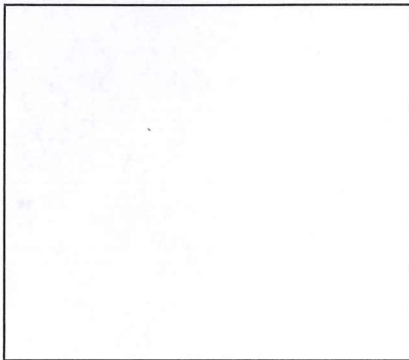
Reviewed for form and legality.
City Attorney

Site # OK01538A
Market: Central - OK

STATE OF OKLAHOMA)
) ss.
COUNTY OF OKLAHOMA)

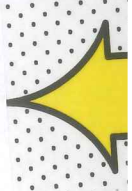
This instrument was acknowledged before me on _____, 2022 by
Steven J. Goetzinger as Mayor of the City of Nichols Hills, Oklahoma on behalf of the City of
Nichols Hills, Oklahoma.

Dated: _____



Notary Public
Print Name _____
My commission expires _____

(Use this space for notary stamp/seal)

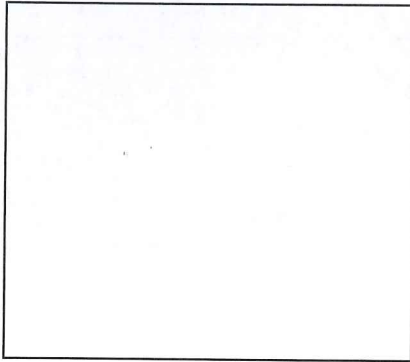


Site # OK01538A
Market: Central - OK

STATE OF OKLAHOMA)
) ss.
COUNTY OF OKLAHOMA)

This instrument was acknowledged before me on _____, 2022 by Steven J. Goetzinger as Chairman of the Nichols Hills Municipal Authority on behalf of the Nichols Hills Municipal Authority.

Dated: _____



Notary Public
Print Name _____
My commission expires _____

(Use this space for notary stamp/seal)



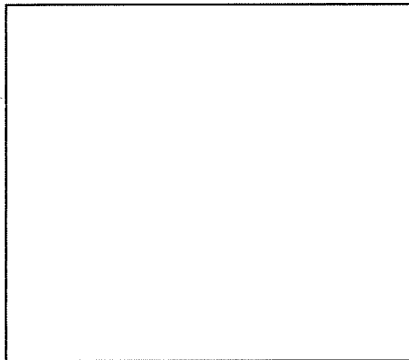
Site # OK01538A
Market: Central - OK

Sprint Spectrum L.P., a Delaware limited partnership

STATE OF _____)
) ss.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ [Director Name] is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the _____ [Director's Title] of _____ [Market Entity Name], a Delaware _____ [Corporation-or-Limited Liability Company], to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated: _____



Notary Public
Print Name _____
My commission expires _____

(Use this space for notary stamp/seal)

Site # OK01538A
Market: Central - OK

EXHIBIT C

1. FREQUENCIES OF OPERATION: TRANSMIT:
2135-2155 MHz and 1930-1945, 1955-1965, 1990-1995
MHz and 622-637 MHz and 2496-2690 MHz

RECEIVE:
1735-1755 MHz and 1850-1865, 1875-1885, 1910-1915
MHz, and 668-683 MHz and 2496-2690 MHz

2. ANTENNA(S):

 Make: Nokia
 Model: AEHC
 Dimensions: 38.19" x 21.46" x 5.91" / 99.2 lbs. each
 Number: Three (3)

 Make: CommScope
 Model: FFVV-65C-R3-V1
 Dimensions: 95.9" x 25.2" x 9.23" / 124.6 lbs. each
 Number: Three (3)

3. TRANSMISSION LINE(S):

 Make: Nokia
 Model: 200' HCS 2.0 Trunk – 12#6AWG 24 SM Fiber PR
 Size: 1.584" outer diameter
 Number: Two (2)

4. TOWER MOUNTED EQUIPMENT:

 Make: Nokia RRU
 Model: AHFIG
 Dimensions: 27.3" x 12" x 5.2" / 70.5 lbs. each
 Number: Three (3)

 Make: Nokia RRU
 Model: AHLOA
 Dimensions: 22" x 12.1" x 7.4" / 83.8 lbs. each
 Number: Three (3)

 Make: Nokia 2.0 Breakout Feature
 Model: Nokia 2.0 Breakout Feature
 Dimensions: 9.3" x 14.9" x 5.8" / 1.61 lbs. each
 Number: Two (2)

Site # OK01538A
Market: Central - OK

5. MOUNTING HEIGHT, MOUNTING ORIENTATION, AND FLOOR SPACE USAGE:

Six (6) antennas

Six (6) RRUs

Two (2) lines

Two (2) Nokia 2.0 Breakout Features

Two (2) Nokia HCS 2.0 Tower Junction Boxes at the bottom.

The above items mounted at the one hundred, thirty-four (134) foot level of the tower.

No changes to existing ground space.

Designation of Architectural Resources in Nichols Hills

The Nichols Hills City Council and the Nichols Hills Building Commission place special value on the Architectural Resources in Nichols Hills. The Nichols Hills City Code defines “Architectural Resources” as “buildings that possess significant local interest or significant artistic or architectural merit, that are particularly representative of their class or period, or that are particularly important to the City’s history.”¹ The City Council and the Building Commission believe that there are no more than 20 such important “crown jewels” in Nichols Hills.

At the City Council’s direction, the Building Commission is now undertaking the task of specifically identifying and listing the City’s Architectural Resources. This overview explains how the Building Commission determines whether a building is an Architectural Resource and the importance of officially designating and listing each Architectural Resource.

The Building Commission review process.² Created in 2019, the Building Commission reviews applications for Certificates of Approval which are required to move or demolish buildings and to construct main buildings, secondary buildings, and additions to main and secondary buildings. The purposes of the Building Commission review process are many, including protecting, preserving, and enhancing Nichols Hills as a place of timeless beauty with buildings constructed to the highest quality standards.³

The Building Commission gives increased scrutiny to Architectural Resources. Should an owner of an Architectural Resource wish to move or demolish it or to construct an addition to it, a Building Commission Certificate of Approval would be required. As to Architectural Resources, the Building Commission review process is intended to “encourage preservation, protection, renovation, and restoration of Architectural Resources whenever reasonably possible.”⁴ Therefore, the Building Commission gives increased scrutiny to applications for Certificates of Approval regarding Architectural Resources and to buildings near them.

Specifically, the *Nichols Hills Building Commission Building Demolition, Design, and Construction Guidelines* state:

- Architectural Resources should generally not be moved or demolished, but rather should be properly preserved, protected, renovated, and/or restored.⁵
- The potential impacts of new and remodeled buildings in the vicinity of Architectural Resources should be carefully considered in order to not detract from the site of the Architectural Resource.⁶

¹ Nichols Hills City Code Sec. 50-342.

² The Building Commission process is outlined in Chapter 50, Article V of the City Code.

³ Nichols Hills City Code Sec. 50-341. Certificates of Approval are not required for building repairs that do not require a Building Permit nor for minor additions to buildings.

⁴ Nichols Hills City Code Sec. 50-344.

⁵ Guideline A-1, *Architectural Resources*.

⁶ Guideline B-1.12, *Adjacency to Architectural Resources*.

Note that the fact that a building is an Architectural Resource does not mean that an Application for a Certificate of Approval to move or demolish it or to construct an addition to it would never be approved—but rather, an applicant would face an increased burden to establish valid reasons for doing so.

The Building Commission uses certain criteria to identify Architectural Resources. The Building Commission adopted the following criteria for consideration in determining whether a particular building should be designated as an Architectural Resource. Those are:

- The building possesses character, interest or value as a visible reminder of the development and heritage of Nichols Hills.
- The building was the location of a significant local or state event.
- The building is identified with a person who, or group or event that, contributed significantly to the cultural or historical development of Nichols Hills.
- The building exemplifies a particular architectural style or building type important to Nichols Hills.
- The building is the best (or one of the best) remaining examples of an architectural style or building type in a neighborhood in Nichols Hills.
- The building is identified as the work of a person or group whose work has influenced the heritage of Nichols Hills.
- The building has value as a significant element of community sentiment or public pride.
- The building was constructed in the early stages of the development of Nichols Hills (1930s and 1940s), there have been minimal structural modifications to the building, and the building is in at least fair condition.

Having a list of designated Architectural Resources will benefit the Building Commission review process and owners of Architectural Resources. Having an official list of designated Architectural Resources will inform both the Building Commission and owners of Architectural Resources that an application for a Certificate of Approval will receive increased scrutiny. Even before going into the review process, those filing applications regarding Architectural Resources will know that they will face an increased burden of establishing why the Architectural Resource should be demolished or moved, or why an addition to it is appropriate. And the Building Commission would be able to immediately begin review of the application without having to first determine whether or not the building is an Architectural Resource, thus expediting the review process.

Further, owners of buildings in the vicinity of Architectural Resources would benefit as well because they would know to carefully consider the potential impact of removing a building or new construction near an Architectural Resource before filing an application for a Certificate of Approval to do so.

Officially designating a building as an Architectural Resource will not impose any additional requirements or obligations on its owner. The Nichols Hills City Code does not include “historic preservation” regulations as exist in some neighborhoods in Oklahoma City. The Building Commission’s efforts to officially designate and list the City’s Architectural Resources is not in any way an attempt to further regulate these important buildings.

An official designation of a building as an Architectural Resource will not increase the level of scrutiny now provided for by the City Code. Rather, as explained above, the designation would simply be a means of giving the Building Commission and building owners more clarity as to which buildings will receive such increased scrutiny in the review process in the event an owner wished to move or demolish an Architectural Resource or to construct an addition to it.

The official list of Architectural Resources will no doubt evolve over time, as owners agree to have their buildings listed. However, it is important to note that even though a particular building is not on the official list, the Building Commission may give a building increased scrutiny in the review process if that building meets the Architectural Resource criteria. The Building Commission has the authority to determine that any building is or is not an Architectural Resource under the City Code’s definition.

If you have any questions, please feel free to contact Shane Pate, Nichols Hills City Manager, at 405-843-6637.

Proposed Preliminary List of Architectural Resources in Nichols Hills, OK

- 1125 Bedford - First spec house built by Dr. Nichols
- 7199 Nichols Road - The "John A. Brown Mansion"
 - Constructed in 1929 by department store magnate John A. Brown
- 1606 W. Wilshire - The original Nichols Mansion
 - Constructed by GA Nichols in 1929
- 1800 W. Wilshire - Home of Oklahoma leaders John and Eleanor Kirkpatrick
- 7316 Nichols Rd. - Buttram Mansion, once housed the Oklahoma Museum of Art
 - Former home of Frank and Merle Buttram
 - Constructed in 1938
 - Listed in the National Register of Historic Places (NRHP) in 1990
 - Documented through Historic American Landscapes Survey (HALS), document store in the Library of Congress
- 1901 Bedford - First custom home built by GA Nichols
 - Constructed in 1929
- 1502 Camden Way - Historically significant architecture
 - Constructed in 1935
- 1606 Drury - Built by the Anderson family (APCO OIL) and still owned by the same family
- 1609 Drury - John Duncan Forsythe design built by the Rosenthal family
- 1500 Huntington - Includes "Fairy Land" gardens, unique to NH
- 1504 Huntington - Significant historical architecture

[Nichols Hills Letterhead]

[Date]

[Name and Address]

Re: Nichols Hills – Architectural Resources Designation

Dear [_____]:

At the request of the Nichols Hills City Council, the Nichols Hills Building Commission recently began an effort to identify and list each “Architectural Resource” in Nichols Hills. Architectural Resources are the crown jewels in our City, defined by the City Code as “buildings that possess significant local interest or significant artistic or architectural merit that are particularly representative of their class or period, or that are particularly important to the City’s history.” The City Council and the Building Commission believe that there are currently no more than 20 such important buildings in our City.

A Town Hall meeting will be held soon to further discuss Architectural Resources in Nichols Hills. The City Council and the Building Commission believe that your home meets the criteria of an Architectural Resource. We therefore ask that you consider attending the Town Hall meeting to discuss whether your home should be listed on the Architectural Resource Designation List. Enclosed is a document, *Designation of Architectural Resources in Nichols Hills*, that provides more information about this project, including the benefits to owners and to the City of having each Architectural Resource on the official list.

We will notify you when the date and time of the Town Hall meeting is determined. In the meantime, if you have questions, you may contact our City Manager, Shane Pate, at City Hall, 405-843-6637.

Sincerely,

[Signature]

OIL AND GAS DIVISION ORDER

CHARTER OAK PRODUCTION CO., LLC
13929 QUAIL POINTE DRIVE
OKLAHOMA CITY, OK 73134

07/29/2022

CITY OF NICHOLS HILLS
6407 AVONDALE DR
NICHOLS HILLS, OK 73116

Owner Number: CITYOFNH
 Type of Interest: **O**
 Decimal Interest: 0.00008270

Property Name: **WILLIAMS 1** Property #: WILLIAMS-R1
 Legal Description: E/2 NE/4 SECTION 2-12N-3W
 OKLAHOMA, OK
 Effective Date: 06/01/2022
 Production GAS: Y OIL: Y

EVIDENCE OF TITLE: In the event of a dispute at any time concerning the title to the minerals or royalties or to any portion of the proceeds thereof, Charter Oak may hold the proceeds, without interest, until evidence of ownership satisfactory to Charter Oak has been furnished. The undersigned agrees to notify Charter Oak promptly in writing of any changes in the decimal interest set forth above, and all such changes shall be effective the first day of the month following receipt of such notice. Charter Oak is relieved of any responsibility for determining when any interest set forth herein is changed, and will be held harmless from any loss or expense where adequate written notice is not provided.

SETTLEMENT: Settlement shall be based on the net proceeds payable under the controlling Oil Contract, Gas Purchase Contract, processing agreement or other agreement or lease, to which reference is made for all purposes. Charter Oak assumes no duty to make or continue to make payments to those executing this division order beyond the requirements of the applicable contract or lease.

PAYMENTS: Payment shall be made monthly by check mailed or ACH (Direct Deposit) to the party or parties, according to the decimal interest shown herein. Each party signing hereby warrants and guarantees their title to the oil/gas or proceeds thereof credited to such owner according to the decimal interest herein indicated and agrees to indemnify and hold Charter Oak harmless from all loss, cost or expense incurred by it because of payments as set out above. Payments of less than \$100.00 may be accumulated by Charter Oak and paid when the total amount due equals \$100.00. Accounts accumulated at least \$10.00 will be paid annually.

DISTRIBUTION: Charter Oak is authorized to deduct joint interest billing expenses from the undersigned's interest in payment of joint interest billings related to working interest of the undersigned in wells with Charter Oak.

COUNTERPART: This agreement may be executed in multiple counterparts all of which together shall constitute a single division order and is binding on all parties.

REGULATIONS: Payments to owners described herein shall be subject to all present and future federal, state and local laws, regulations or orders and the terms and conditions contained herein.

INDEMNITY: The owner agrees to indemnify and hold payor harmless from all liability resulting from the payments made to the owner in accordance with such division of interest, including but not limited to attorney fees or judgements in connection with any suit that affects the owner's interest to which payor is made a party.

DATE SIGNED

SIGNATURE OF INTEREST OWNER

CURRENT ADDRESS/PHONE #

TAX ID / SS# OF OWNER

73-6005346

FAILURE TO FURNISH YOUR SOCIAL SECURITY / TAX ID NUMBER WILL RESULT IN WITHHOLDING TAX IN ACCORDANCE WITH FEDERAL LAW AND ANY TAX WITHHELD WILL NOT BE REFUNDABLE TO PAYOR.

Attachment: 20220804040150877 (5996 : 9 Oil & Gas Division order)

OIL AND GAS DIVISION ORDER

CHARTER OAK PRODUCTION CO., LLC
13929 QUAIL POINTE DRIVE
OKLAHOMA CITY, OK 73134

07/29/2022

CITY OF NICHOLS HILLS
6407 AVONDALE DR
NICHOLS HILLS, OK 73116

Owner Number: CITYOFNH
 Type of Interest: **R**
 Decimal Interest: 0.00016540

Property Name: **WILLIAMS 1** Property #: WILLIAMS-R1
 Legal Description: E/2 NE/4 SECTION 2-12N-3W
 OKLAHOMA, OK
 Effective Date: 06/01/2022
 Production GAS: Y OIL: Y

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DATE SIGNED	SIGNATURE OF INTEREST OWNER	CURRENT ADDRESS/PHONE #
_____	_____	_____
	TAX ID / SS# OF OWNER	_____
	73-6005346	

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Attachment: 20220804040150877 (5996 : 9 Oil & Gas Division order)

Form **W-9**
(Rev. December 2014)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: ☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate ☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. ☐ Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	6 City, state, and ZIP code	Charter Oak Production Co., LLC 13929 Quail Pointe Drive Oklahoma City, OK 73134
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number									
or									
Employer identification number									

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶ _____	Date ▶ _____
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.
Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

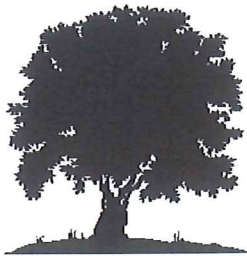
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



Charter Oak Production Co., LLC

13929 Quail Pointe Drive, Oklahoma City, OK 73134
Phone 405-286-0361 Fax 405-286-4396

INSTRUCTIONS FOR EXECUTING DIVISION ORDERS

Please execute the Division Order(s) in accordance with the instructions listed below and return the original Division Order, completed, to this office for further handling. The "COPY" Division Order has been provided for your personal records.

EXECUTION:

Individual

Sign your name exactly as it appears on the Division Order. Any changes must be accompanied by legal documentation.

Agent, Estate Representative, Trustee, Etc.

Sign the Division Order and provide a copy of the document(s) granting you the authority to execute on behalf of the owner.

Corporations

The Division Order must be signed by the President or Vice-President and attested by the Corporate Secretary or Assistant Secretary, with the corporate seal affixed.

LLCs

The Division Order must be signed by the Managing Member.

Partnerships

All partners must sign unless signed by one authorized partner. In the event of the latter, a copy of the document granting signatory rights must be provided.

Attorney-In-Fact

Sign the Division Order and provide a copy of the power of attorney, recorded in the county where the mineral interest lies.

ADDRESS:

Verify your address. Please indicate any necessary corrections in the space provided at the bottom of the form for an address change/correction and please add a phone number contact.

TAX IDENTIFICATION NUMBER:

Your Social Security or Federal Tax Identification Number may be listed on the Division Order. If so, verify the accuracy of this number and indicate any necessary corrections. If the number is not shown, please complete, sign and date the enclosed W-9.

****IMPORTANT NOTICE****

AS PROVIDED BY THE INTERNAL REVENUE SERVICE (IRS), FAILURE TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER AS WELL AS A COMPLETED W-9 MAY IMPOSE A MAXIMUM BACKUP WITHHOLDING FROM YOUR REVENUE PAYMENTS WHICH IS NOT REFUNDABLE.

Oil & Gas Revenue

Charter Oak Production has a preferred method to process payments by electronic funds transfer because of the enhanced security features and quicker access to funds. By completing the information below, you authorize us to send your future payments via ACH/Direct Deposit. Your payments will be deposited directly into your bank account, thus eliminating the need to process and mail a check. The advantages are: you receive immediate payment and no waiting for checks to arrive in the mail.

Please return the completed form by email, fax or mail to begin receiving your payments by ACH/Direct Deposit. Forms received after the 8th of the month may not be processed until the following revenue/billing statement cycle.

DO NOT STAPLE!

FORMS WITHOUT A VOIDED CHECK OR BANK VERIFICATION LETTER WILL NOT BE PROCESSED.

☐ Checking ☐ Savings

Note: If you bank with a Credit Union, you will need to call them to verify account & routing numbers.

(PLEASE PRINT LEGIBLY – NO CURSIVE)

OWNER #: _____ OWNER NAME: _____

MAILING ADDRESS:

Street	City	State	ZIP + 4

ACH notices, Joint Interest Billing (JIB) and revenue statements are sent via email two business days prior to payment deposited. Please supply the appropriate information:

Email Address: _____ (name)

I certify the depository information listed above is accurate and I authorize **Charter Oak Production Co., LLC**, to issue payment electronically via ACH. **(Signature MUST be that of an authorized account owner)**. I accept responsibility for any changes to my bank account. I further accept responsibility for any fees associated with my bank account with regards to changing accounts, closing accounts, etc.

Signature: _____ Date: _____
(Must be that of an authorized account owner)

Printed Name: _____ Phone #: _____

Please complete this form and return it to **paperless@charteroakproduction.com**, **13929 Quail Pointe Drive, Oklahoma City, OK 73134** or fax to **405.286.4396**. If you have any questions, please contact our office at **405.286.0361**. Feel free to make copies of this form for any additional Charter Oak Production Co., accounts (one form per account).

Attachment: 20220804040150877 (5996 : 9 Oil & Gas Division order)

OIL AND GAS DIVISION ORDER

CHARTER OAK PRODUCTION CO., LLC
13929 QUAIL POINTE DRIVE
OKLAHOMA CITY, OK 73134

07/29/2022

CITY OF NICHOLS HILLS
6407 AVONDALE DR
NICHOLS HILLS, OK 73116

Owner Number: CITYOFNH
 Type of Interest: **O**
 Decimal Interest: 0.00008270

Property Name: **WILLIAMS 1** Property #: WILLIAMS-R1
 Legal Description: E/2 NE/4 SECTION 2-12N-3W
 OKLAHOMA, OK
 Effective Date: 06/01/2022
 Production GAS: Y OIL: Y

EVIDENCE OF TITLE: In the event of a dispute at any time concerning the title to the minerals or royalties or to any portion of the proceeds thereof, Charter Oak may hold the proceeds, without interest, until evidence of ownership satisfactory to Charter Oak has been furnished. The undersigned agrees to notify Charter Oak promptly in writing of any changes in the decimal interest set forth above, and all such changes shall be effective the first day of the month following receipt of such notice. Charter Oak is relieved of any responsibility for determining when any interest set forth herein is changed, and will be held harmless from any loss or expense where adequate written notice is not provided.

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DATE SIGNED

SIGNATURE OF INTEREST OWNER

CURRENT ADDRESS/PHONE #

TAX ID / SS# OF OWNER

73-6005346

FAILURE TO FURNISH YOUR SOCIAL SECURITY / TAX ID NUMBER WILL RESULT IN WITHHOLDING TAX IN ACCORDANCE WITH FEDERAL LAW AND ANY TAX WITHHELD WILL NOT BE REFUNDABLE TO PAYOR.

Attachment: 20220804040150877 (5996 : 9 Oil & Gas Division order)

OIL AND GAS DIVISION ORDER

CHARTER OAK PRODUCTION CO., LLC
13929 QUAIL POINTE DRIVE
OKLAHOMA CITY, OK 73134

07/29/2022

CITY OF NICHOLS HILLS
6407 AVONDALE DR
NICHOLS HILLS, OK 73116

Owner Number: CITYOFNH
 Type of Interest: R
 Decimal Interest: 0.00016540

Property Name: WILLIAMS 1 Property #: WILLIAMS-R1
 Legal Description: E/2 NE/4 SECTION 2-12N-3W
 OKLAHOMA, OK
 Effective Date: 06/01/2022
 Production GAS: Y OIL: Y

EVIDENCE OF TITLE: In the event of a dispute at any time concerning the title to the minerals or royalties or to any portion of the proceeds thereof, Charter Oak may hold the proceeds, without interest, until evidence of ownership satisfactory to Charter Oak has been furnished. The undersigned agrees to notify Charter Oak promptly in writing of any changes in the decimal interest set forth above, and all such changes shall be effective the first day of the month following receipt of such notice. Charter Oak is relieved of any responsibility for determining when any interest set forth herein is changed, and will be held harmless from any loss or expense where adequate written notice is not provided.

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