



TBD S HELENA ST  
AURORA, CO 80017

LATITUDE: 39.682415 LONGITUDE: -104.807835

**Kimley»Horn**



SITE ACQUISITION:  
KELLY HARRISON  
KAPPA CONSULTING  
KHARRISON@YMAIL.COM

JURISDICTION: CITY OF AURORA  
ZONING: R-1 LOW DENSITY SINGLE FAMILY RESIDENTIAL  
PARCEL NUMBER: 1975-20-3-00-013  
ELEVATION: (NAVD 88) ±5540.0'  
STRUCTURE TYPE: XCEL TRANSMISSION TOWER  
STRUCTURE HEIGHT: 99'-3"  
ANTENNA RAD CENTER: ±46'-0" (TIP AT LEAST 15' BELOW TRANSMISSION LINE)  
APPLICANT: VERIZON WIRELESS  
ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC.  
ENGINEERING CONTACT: MATT FLECK  
6200 SOUTH SYRACUSE WAY, SUITE #300  
GREENWOOD VILLAGE, CO 80111  
(720) 647-6159

BUILDING CODE:	IBC 2021
ELECTRICAL CODE:	NEC 2020
FIRE SAFETY CODE:	IFC 2021
USE GROUP:	U-UTILITY
CONSTRUCTION TYPE:	IIB



NAME	DESCRIPTION	NAME	DESCRIPTION
T-1	TITLE SHEET		
Z-1	OVERALL SITE PLAN		
Z-2	SITE PLAN		
Z-3	ENLARGED SITE PLAN		
Z-4	ELEVATION		
Z-5	ANTENNA PLAN		



THIS PROJECT CONSISTS OF THE INSTALLATION OF:

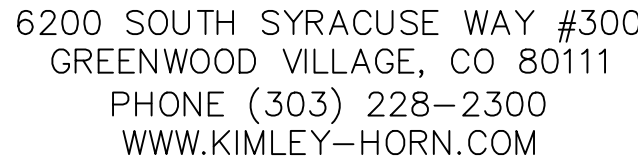
- INSTALL (3) ANTENNA MOUNTS ON EXISTING XCEL TOWER
- INSTALL (3) NHH-65C-R2B, (3) NHHSS-65C-R2BT4 ANTENNAS
- INSTALL (3) AIR 6419 ANTENNAS
- INSTALL (1) NEW EQUIPMENT COMPOUND WITH 4 CABINETS
- INSTALL NEW CEDAR FENCE COMPOUND
- RUN NEW FIBER, ELECTRIC CABLES, AND OTHER ASSOCIATED UTILITIES TO THE PROJECT SITE AND PROPOSED MOUNTS LOCATION

REFERENCED DOCUMENTS:  
RFDS: 07/12/2023      EME: N/A      MACRO CALC: N/A  
VERIFY THE MOST CURRENT DOCUMENTS PRIOR TO CONSTRUCTION

- START FROM 10000 PARK MEADOWS DRIVE LONE TREE, CO 80124
- DEPART AND TURN LEFT ONTO PARK MEADOWS DRIVE
- TURN RIGHT ONTO S YOSEMITE ST
- TURN RIGHT ONTO CHESTER ST
- TURN RIGHT ONTO E COUNTY LINE RD
- USE THE RIGHT 2 LANES TO TAKE THE RAMP ONTO I-25 N
- MERGE ONTO I-25 N
- USE THE RIGHT LANE TO TAKE EXIT 200 FOR I-225 N TOWARD I-70/AIRPORT/AURORA/LIMON
- KEEP LEFT TO CONTINUE TOWARD I-225 N
- CONTINUE ONTO I-225 N
- USE THE RIGHT 2 LANES TO TAKE EXIT 5 FOR ILIFF AVENUE
- KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR BLACKHAWK ST AND MERGE ONTO E ILIFF AVE
- MERGE ONTO E ILIFF AVE
- TURN LEFT ONTO S IDALIA ST
- TURN LEFT ONTO S IVORY ST
- TURN LEFT ONTO S IVORY WAY
- TURN LEFT ONTO E JEWELL PL
- TURN RIGHT ONTO S HELENA ST
- SITE WILL BE ON THE LEFT AFTER 200 FEET



PLANS PREPARED BY:



REV: == DATE: == DESCRIPTION: == BY:

A	08/01/23	DEN HAILEN B ZDs	MAK

DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

MAK

MFF

KHA PROJECT NUMBER: \_\_\_\_\_

196015076.1.300

ENGINEER SEAL: \_\_\_\_\_

FOR REVIEW

PROJECT INFORMATION: \_\_\_\_\_

DEN HAILEN

TBD S HELENA ST  
AURORA, CO 80017  
ARAPAHOE COUNTY

SHEET TITLE: \_\_\_\_\_

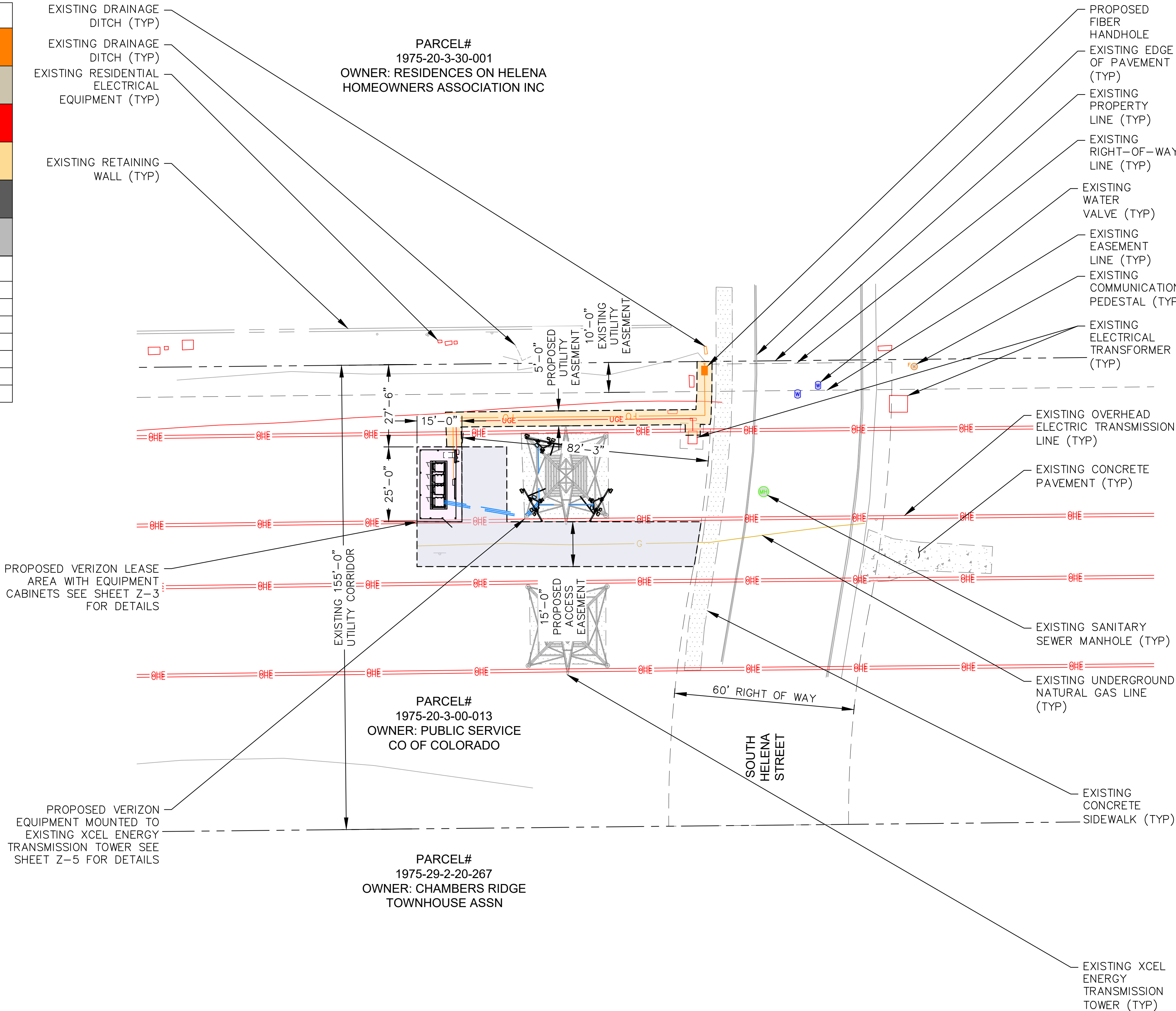
# TITLE SHEET

SHEET NUMBER: \_\_\_\_\_

T-1



COLOR STANDARDS			
GRAY #1 (E) EASEMENT		ORANGE FIBER	
PURPLE (P) LEASE AREA		TAN ANTENNAS	
BLUE GRAY ACCESS/UTILITY		RED PENETRATIONS	
BLUE #1 HYBRID CABLES/COAX		UMBER (P) UTILITY EASEMENT	
BLUE #2 RRHs		GRAY #2 WALL HATCH	
GREEN DC POWER		GRAY #3 EXISTING	
LEGEND			
GAS LINE		UG ELECTRIC	
FIBER LINE		ELECTRIC	
OH ELECTRIC		TELCO FIBER VAULT	
FENCE		POWER POLE	
RIGHT OF WAY		ELECTRIC TRANSFORMER	
PROPERTY LINE		TREE	
MAJOR CONTOUR LINE		MINOR CONTOUR LINE	



10000 PARK MEADOWS DRIVE,  
SUITE 200, LONE TREE, CO 80124

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PHONE (303) 228-2300  
WWW.KIMLEY-HORN.COM

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SHEET TITLE: \_\_\_\_\_

## OVERALL SITE PLAN

SHEET NUMBER: \_\_\_\_\_

Z-1



Know what's below.  
**Call** before you dig



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EV: == DATE: == DESCRIPTION: == BY:

08/01/23	DEN HAILEN B ZDs		MA

DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

MAK

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ENGINEER SEAL: \_\_\_\_\_

PROJECT INFORMATION: \_\_\_\_\_

DEN HAILEN

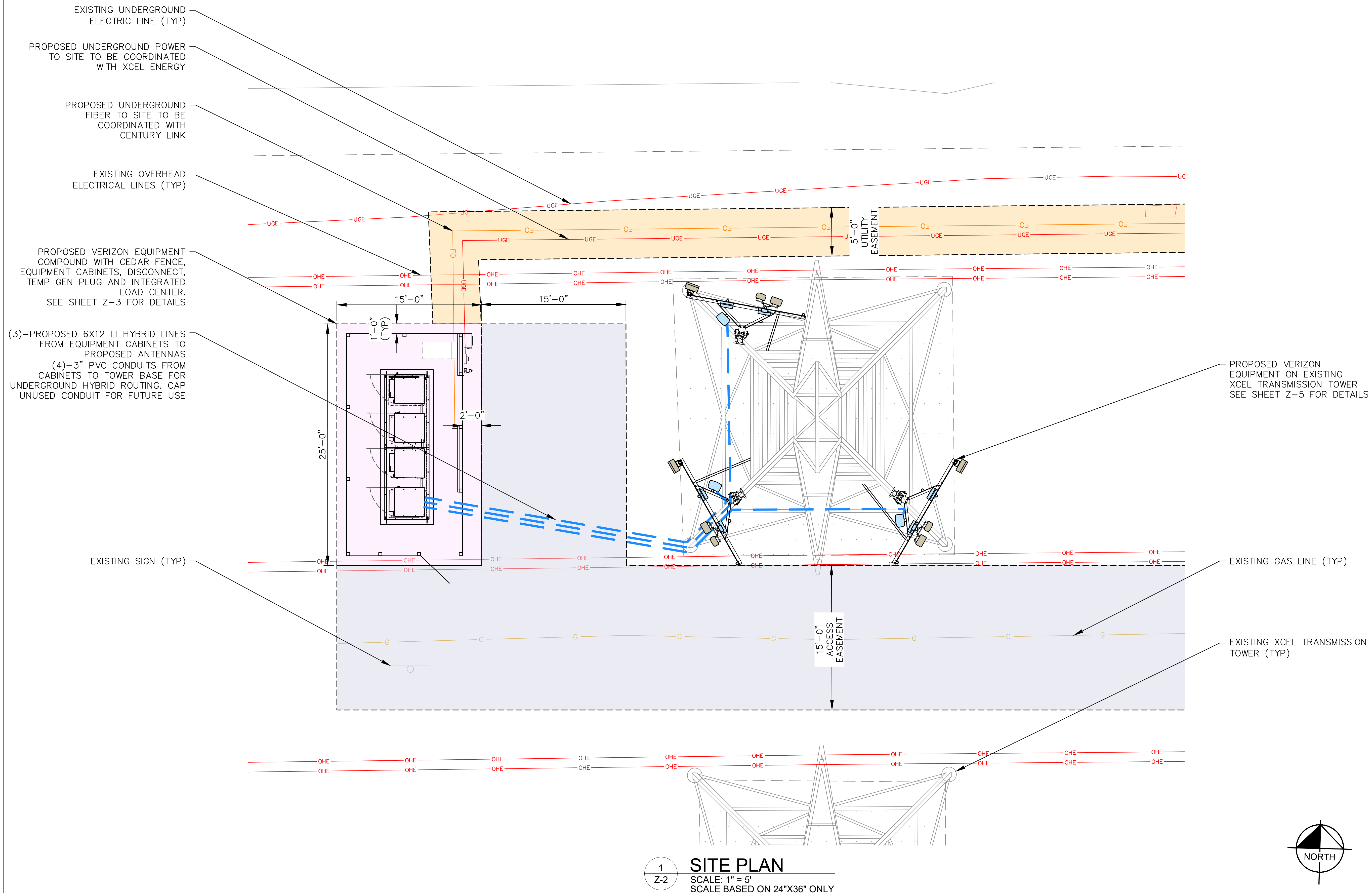
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ARAPAHOE COUNTY

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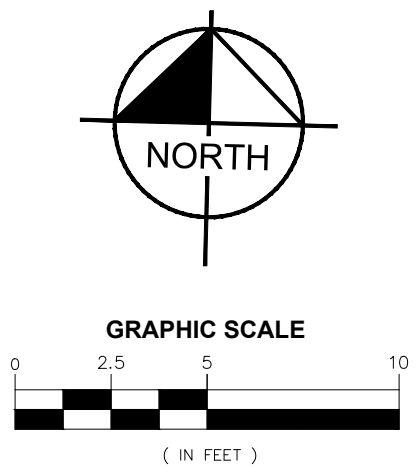
# SITE PLAN

SHEET NUMBER: \_\_\_\_\_

Z-2

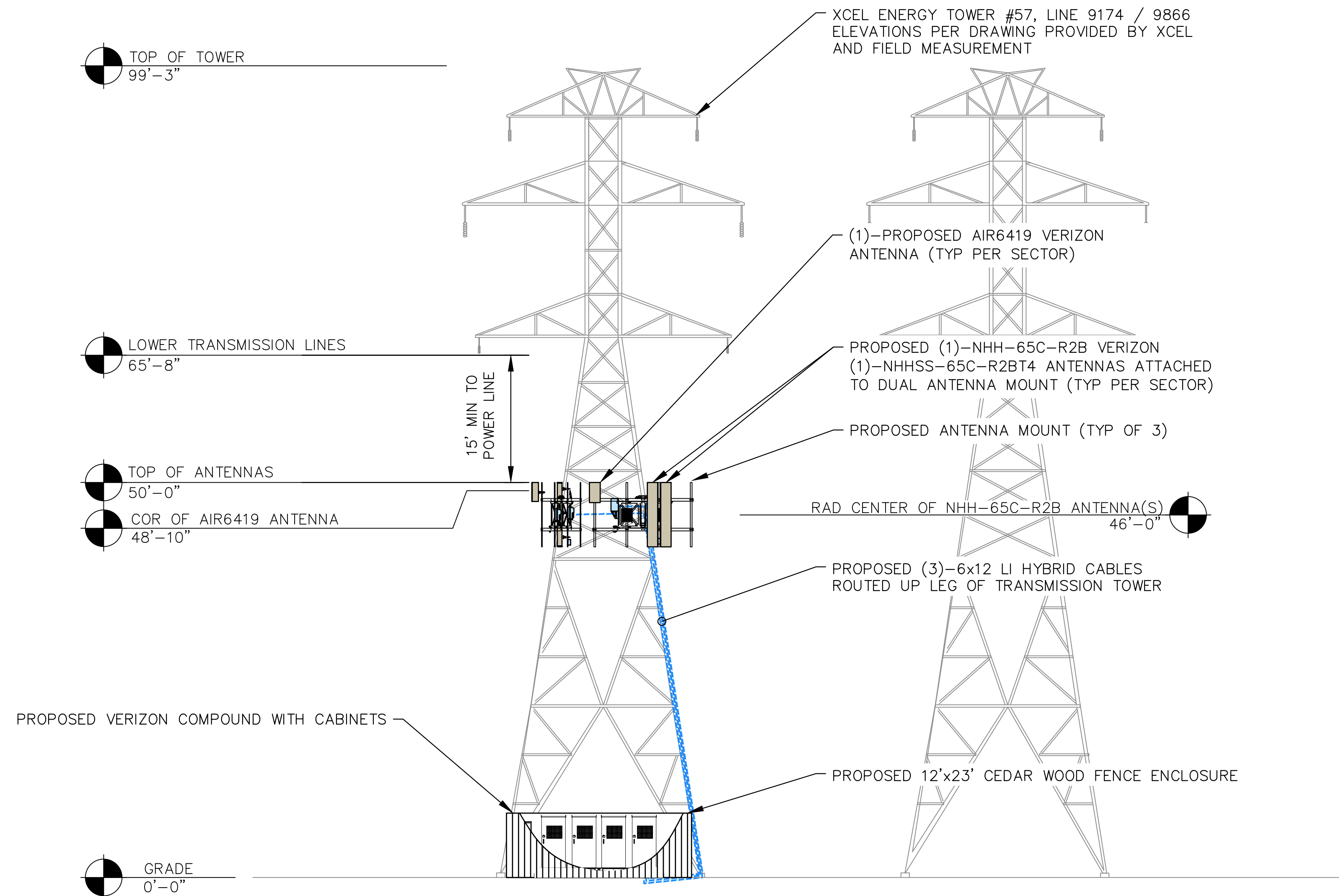


Know what's below.  
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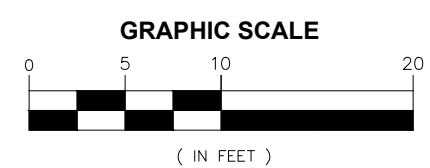








**1**  
**Z-4**  
**PROPOSED ELEVATION**  
SCALE: 1" = 10'  
SCALE BASED ON 24"X36" ONLY



**verizon**

10000 PARK MEADOWS DRIVE,  
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ENGINEER SEAL:



PROJECT INFORMATION:

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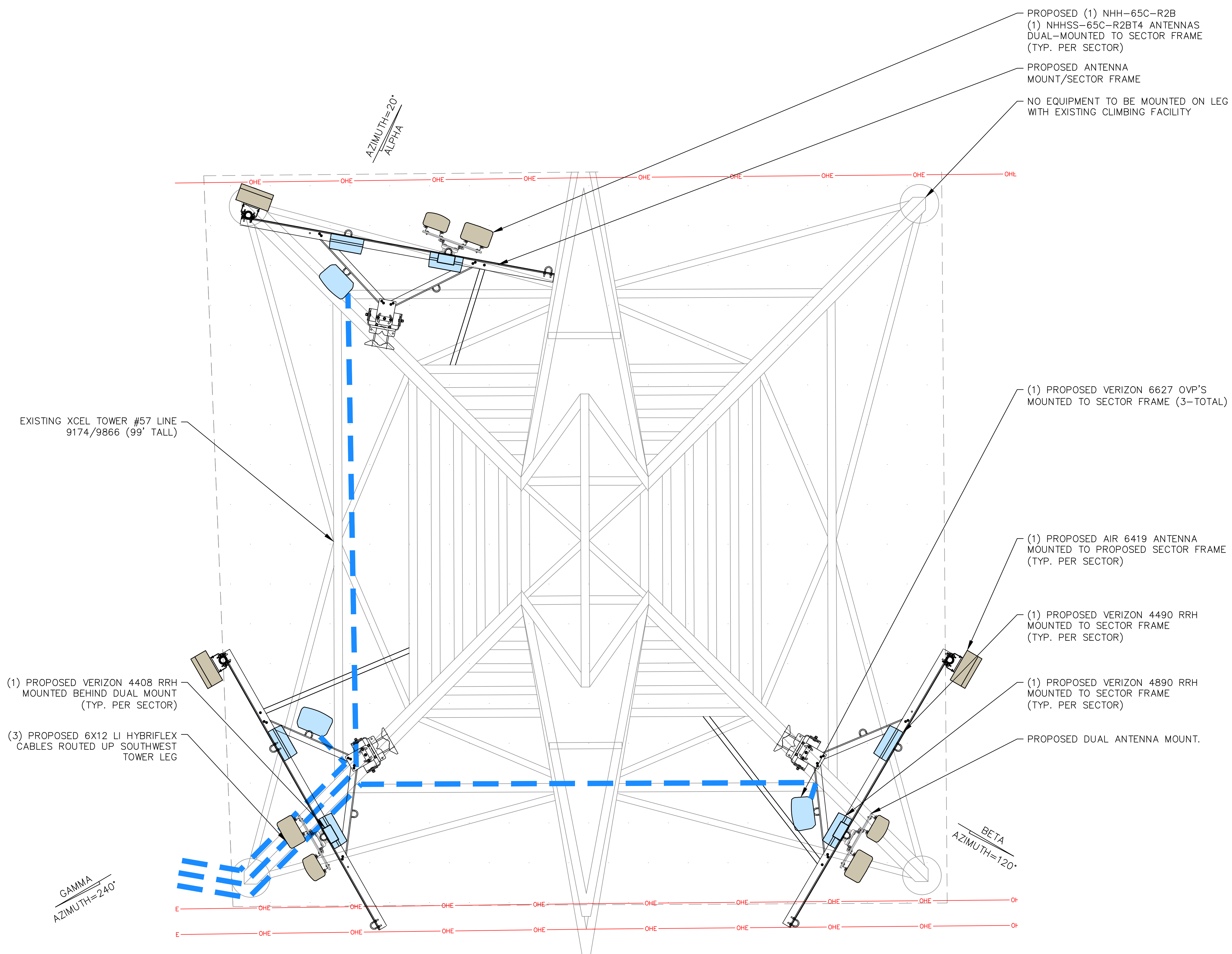
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ELEVATION**

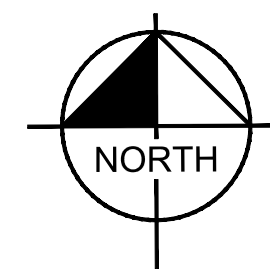
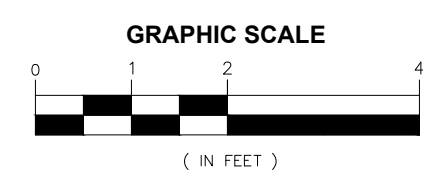
SHEET NUMBER:

**Z-4**





1 ANTENNA PLAN  
Z-5  
SCALE: 1" = 2'  
SCALE BASED ON 24"x36" ONLY



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