

T-Mobile®

SITE NUMBER:	HI02051E	CITY:	KAILUA
SITE NAME:	HECO MALAE	COUNTY:	HONOLULU
SITE TYPE:	WOOD POLE	JURISDICTION:	CITY & COUNTY OF HONOLULU

T-Mobile



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SIGNATURE _____ EXPIRATION DATE OF THE LICENSE _____

DRAWN BY:	CHK BY:	APV BY:
ASE	PAD	VSE

ISSUE STATUS

REV	DATE	DESCRIPTION	BY
0	05/24/2022	100% CONSTRUCTION	BG
1	03/06/2024	PER JX AND HECO COMMENTS	BG
2	03/10/2025	PER HECO COMMENTS	DRG

HI02051E
HECO MALAE
ANCHOR PHASE 3

44-256 KANEOHE BAY DRIVE
KAILUA, HAWAII 96734

TMK: 4-4-012:003

SHEET TITLE:

TITLE SHEET

SHEET NO:

001

PROJECT DESCRIPTION

THE PROJECT ENTAILS:
T-MOBILE PROPOSES TO MODIFY (E) WIRELESS TELECOMMUNICATIONS SITE BY:

1. ANTENNA: EXISTING (3), REMOVE (0), INSTALL (3), FINAL (6).
2. RRU: EXISTING (3), REMOVE (0), INSTALL (3), FINAL (6).
3. TMA: EXISTING (9), REMOVE (9), INSTALL (0), FINAL (0).
4. HYBRID: EXISTING (3) 6x12, INSTALL (3) 6x12, FINAL (6) 6x12.
5. COAX: EXISTING (24) COAX, REMOVE (24) COAX, INSTALL (0), FINAL (0) COAX.
6. CABINETS: EXISTING (1), REMOVE (1), INSTALL (2), FINAL (2).
7. INSTALLATION OF (1) NEW ANTENNA SUPPORT PIPE MAST
8. RELOCATE AND REPLACE PPC
9. REMOVE BBU
10. DIPLEXERS: EXISTING (6), REMOVE (6), INSTALL (0), FINAL (0)
11. REPLACE CABLE SUPPORT FRAME AND RELOCATE GPS ANTENNA

△

LATITUDE / LONGITUDE

LAT: 21° 25' 34.7" N LAT: 21.42629444
LONG: 157° 45' 32.3" W LONG: -157.75896900

CODE COMPLIANCE

ALL CONSTRUCTION, ALTERATION, OR DEMOLITION SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES TO INCLUDE COMPLIANCE WITH THE LATEST FEDERAL STATE, AND LOCAL AMENDMENTS, REGULATIONS AND ORDINANCES.

- 2018 IBC – INTERNATIONAL BUILDING CODE W/ HAWAII AMENDMENTS
- 2018 NFPA-1 – NATIONAL FIRE PROTECTION ASSOCIATION CODE W/STATE AND LOCAL AMENDMENTS
- 2017 NEC – NATIONAL ELECTRICAL CODE W/ ROH, CHAPTER 17
- 2018 IECC – INTERNATIONAL ENERGY CONSERVATION CODE W/ CURRENT AMENDMENTS
- HAWAII ENERGY CONSERVATION CODE W/ HAR, CH. 3–181.1, PER HRS, SEC. 107–28

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCE CHAPTER 32
HONOLULU COUNTY CODE 1990 AS AMENDED

TO THE BEST OF MY KNOWLEDGE, THIS PROJECT'S DESIGN SUBSTANTIALLY
CONFORMS TO THE BUILDING ENERGY CONSERVATION CODE FOR:

 X BUILDING COMPONENT SYSTEMS
 ELECTRICAL COMPONENT SYSTEMS
 MECHANICAL COMPONENT SYSTEMS

SIGNATURE: _____ DATE: _____
NAME: WELLS HOLMES
TITLE: LICENSED PROFESSIONAL ENGINEER
LICENSE NO.: 16863-S

DRAWING INDEX

[illegible]

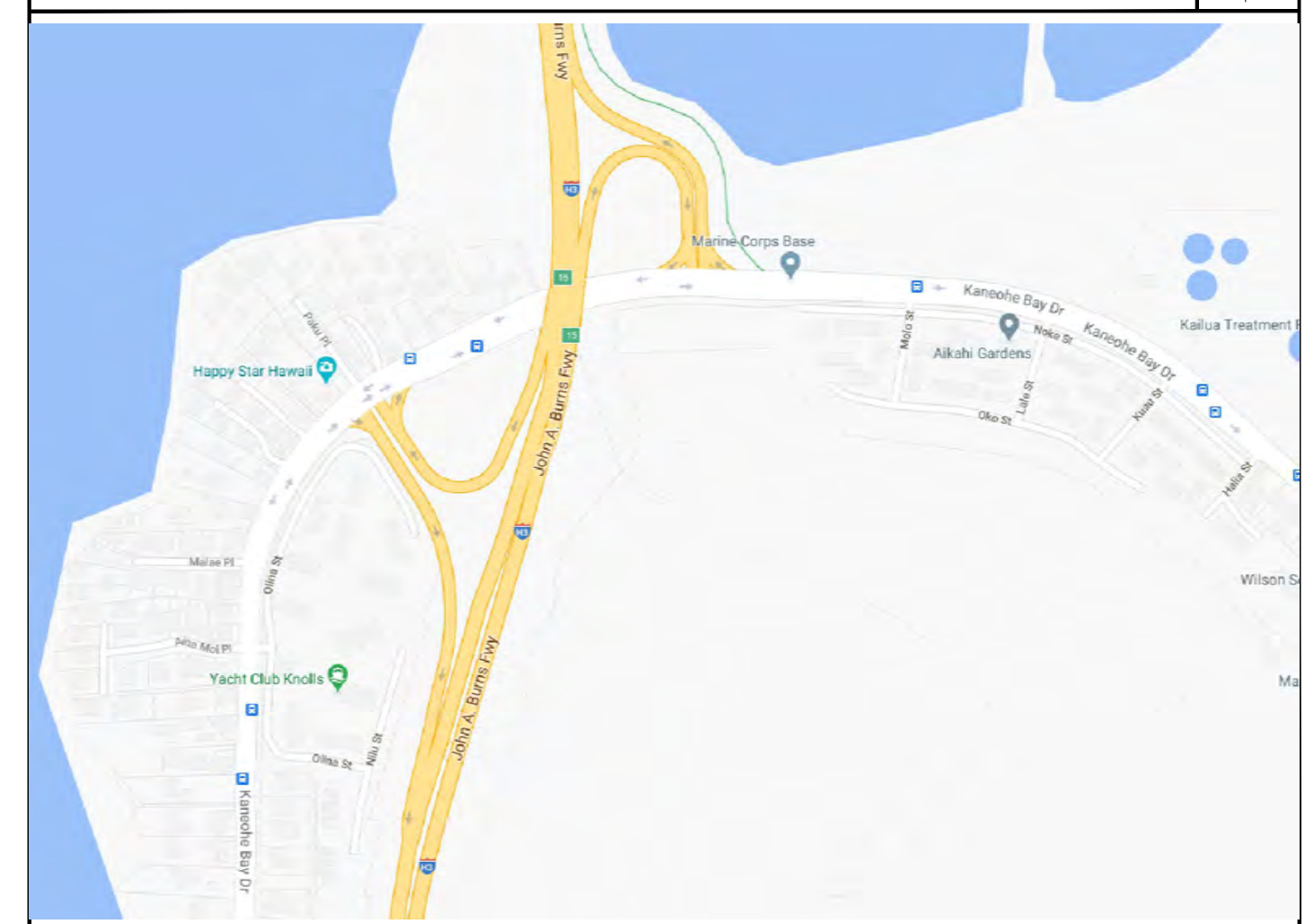
ACCESSIBILITY REQUIREMENTS

THE FACILITY IS UNMANNED AND NOT FOR CONTINUOUS HUMAN HABITATION.
HANDICAPPED ACCESS IS NOT REQUIRED PER IBC OR HI CODE,
SECTION 1103.2.7 (LIMITED ACCESS SPACES)
SECTION 1103.2.9 (EQUIPMENT SPACES)

GENERAL LOCATION MAP



VICINITY MAP



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

TO OBTAIN LOCATION OF PARTICIPANTS
UNDERGROUND FACILITIES BEFORE YOU
DIG IN HAWAII, CALL HAWAII ONE CALL

TOLL FREE: 1-866-423-7287 OR
www.callbeforeyoudig.org

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

SITE ADDRESS:
44-256 KANEOHE BAY DRIVE
KAILUA, HAWAII 96734

TAX MAP KEY: 4-4-012:003
ZONING CLASSIFICATION: P-1 RESTRICTED PRESERVATION
SETBACKS: N/A
HEIGHT LIMIT: N/A
FLOOD ZONE: D
STATE LAND USE: CONSERVATION
OCCUPANCY CLASSIFICATION: U (U IMPROVEMENT)
CONSTRUCTION TYPE: TYPE II-B

TOP OF EXISTING STRUCTURE: 37'-4" (TOP OF WOOD POLE)
TOTAL NUMBER OF BUILDING STORIES: 1
PROJECT FLOOR LEVEL: GROUND
EXISTING TOTAL FLOOR AREA: 200 SF
NEW FLOOR AREA: 0 SF
TOTAL FLOOR AREA: 200 SF

EXISTING BUILDING AUTOMATIC FIRE SPRINKLER SYSTEM: NONE

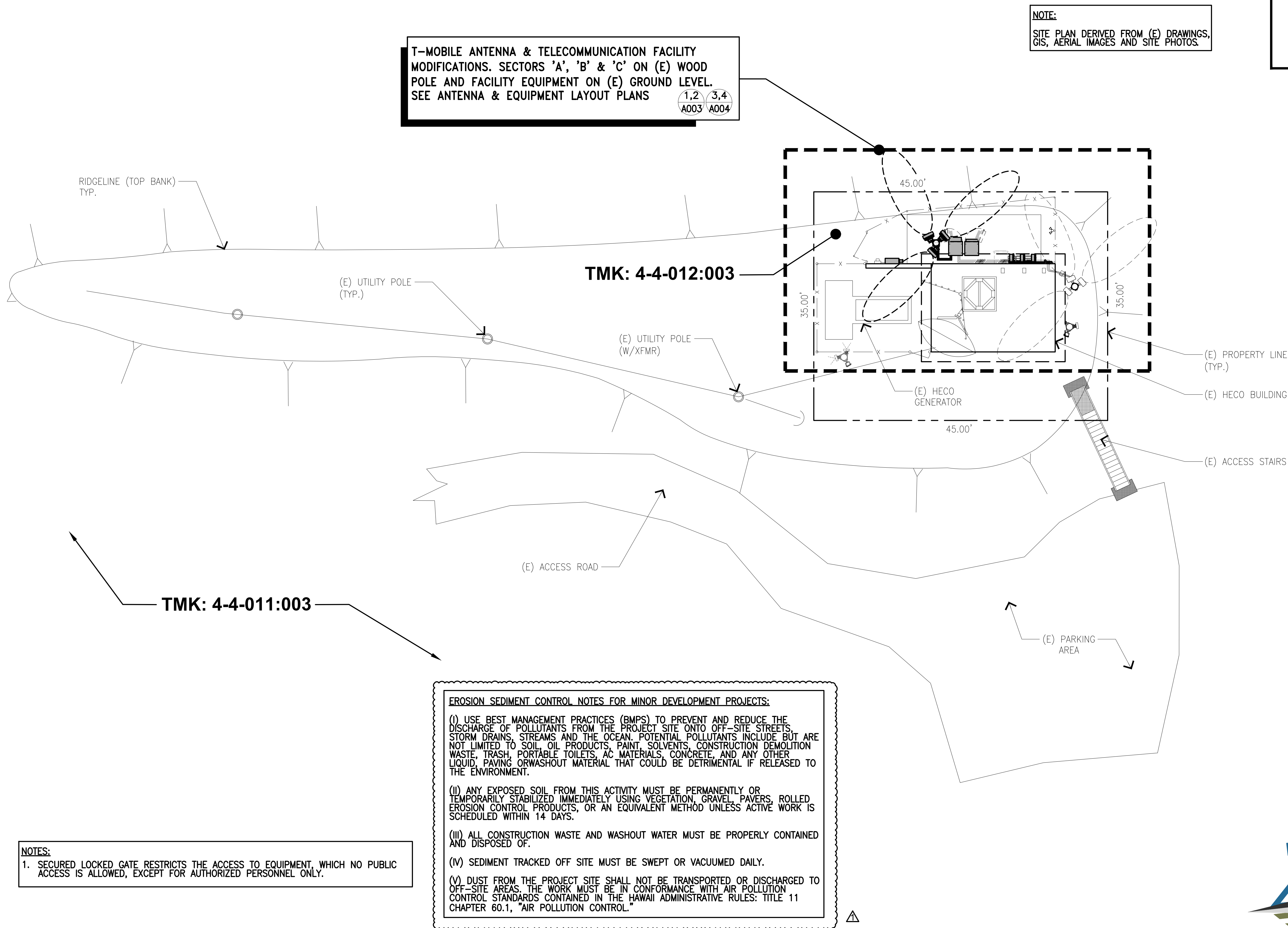
SPECIAL INSPECTION REQUIRED: YES—REFER TO SHEET G001, G003

UTILITY SURVEYOR

<u>POWER:</u>	<u>TELCO:</u>
COMPANY: HECO	COMPANY: HAWAIIAN TELECOM

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES.

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Synergy
a division of **advantage engineers**

VSE Job #: U3449-012-201
VECTOR
ENGINEERS

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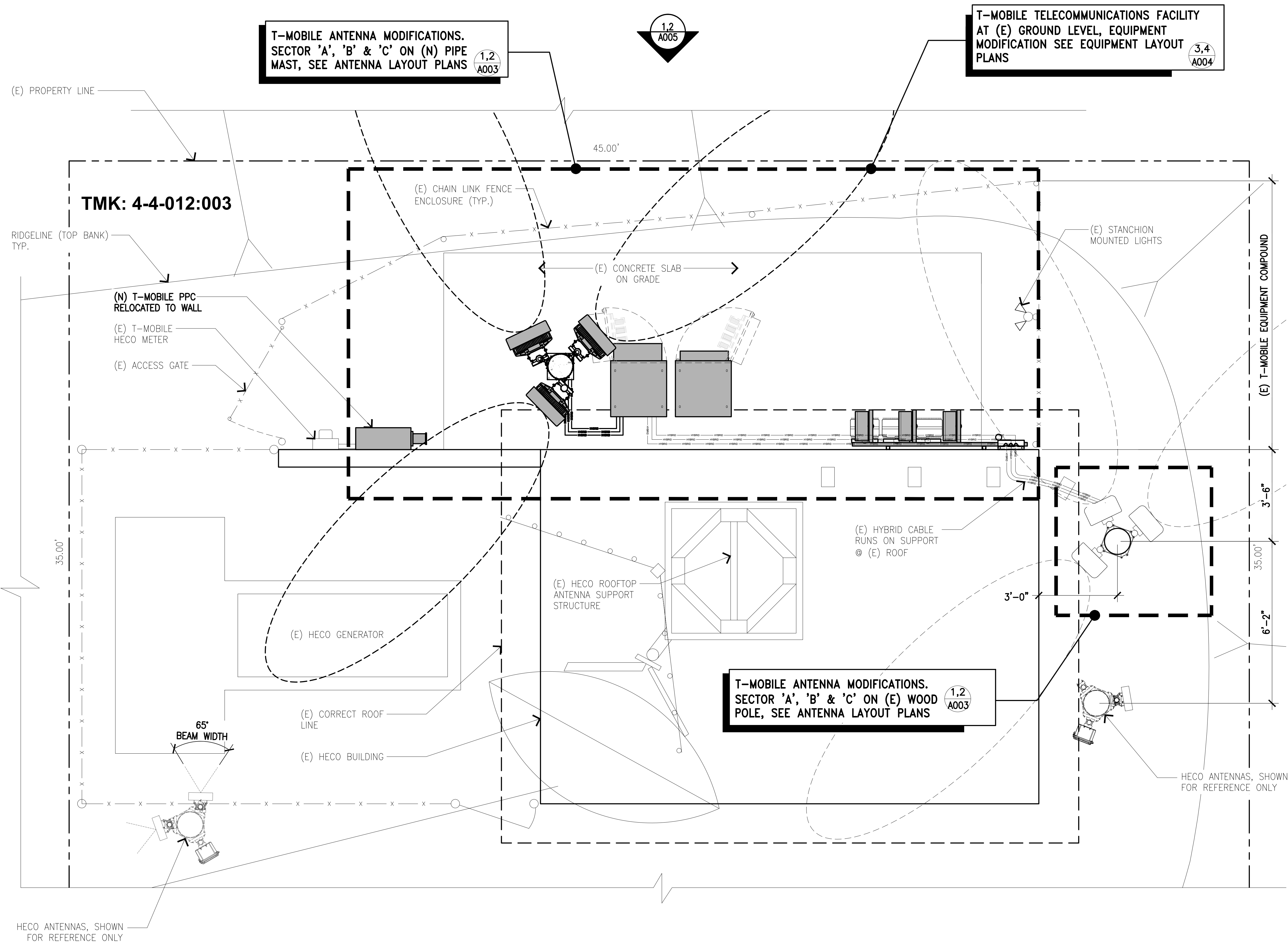
SHEET TITLE:

OVERALL SITE PLAN

SHEET NO:

A001

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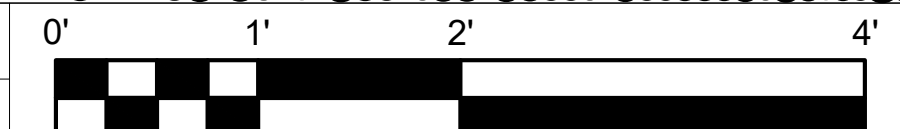
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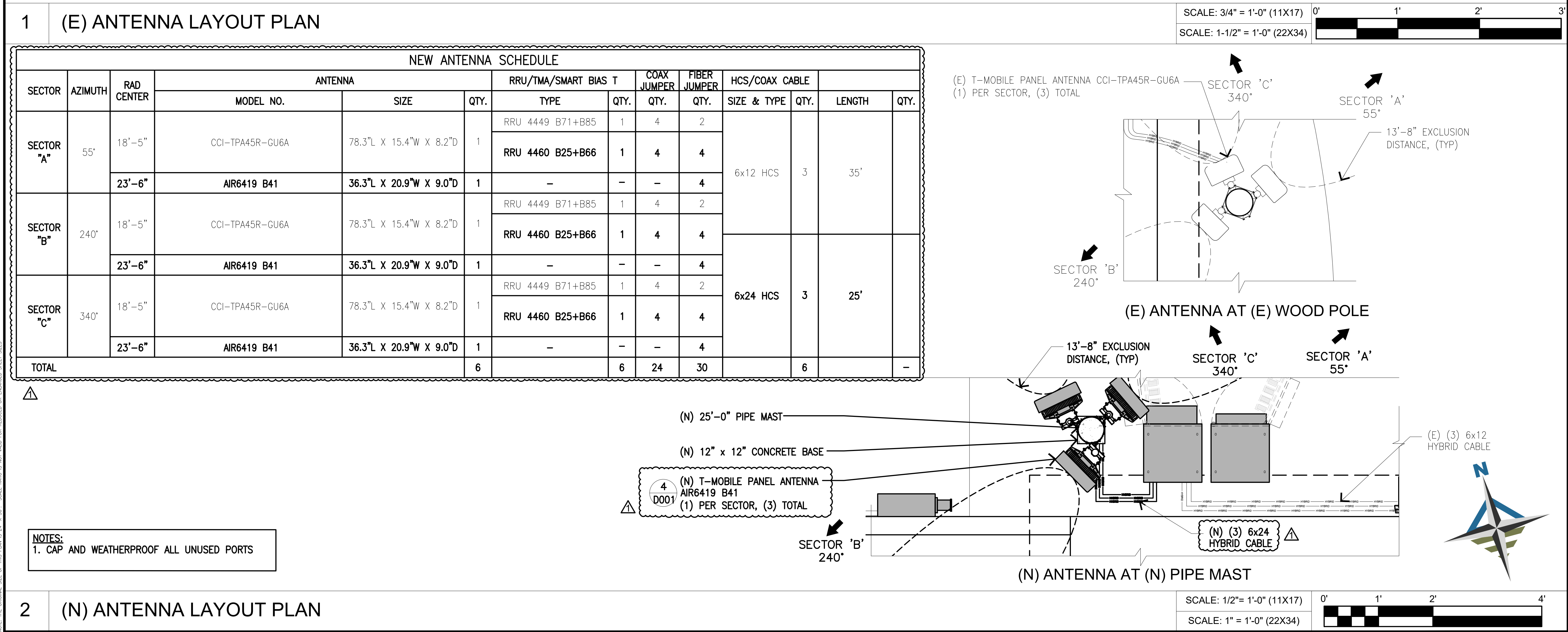
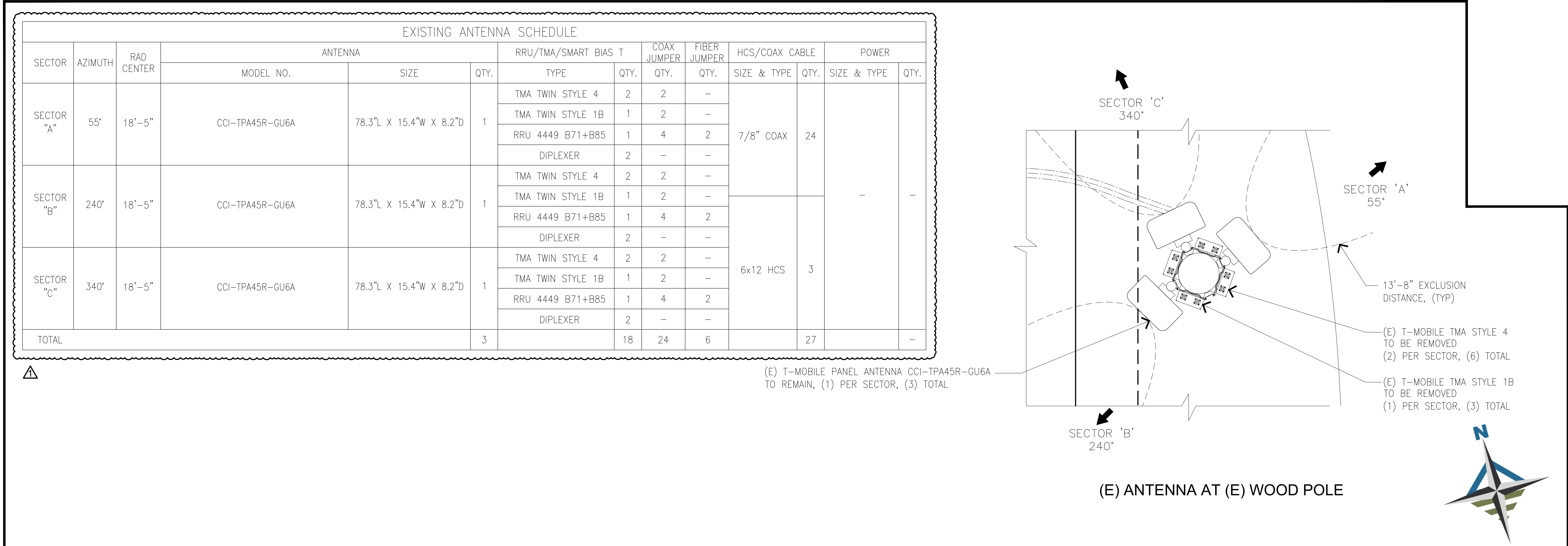
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SHEET TITLE:
ENLARGED SITE PLAN

SHEET NO:
A002





2

(N) ANTENNA LAYOUT PLAN

SCALE: 1/2" = 1'-0" (11X17)

SCALE: 1" = 1'-0" (22X34)

0'

1'

2'

4'

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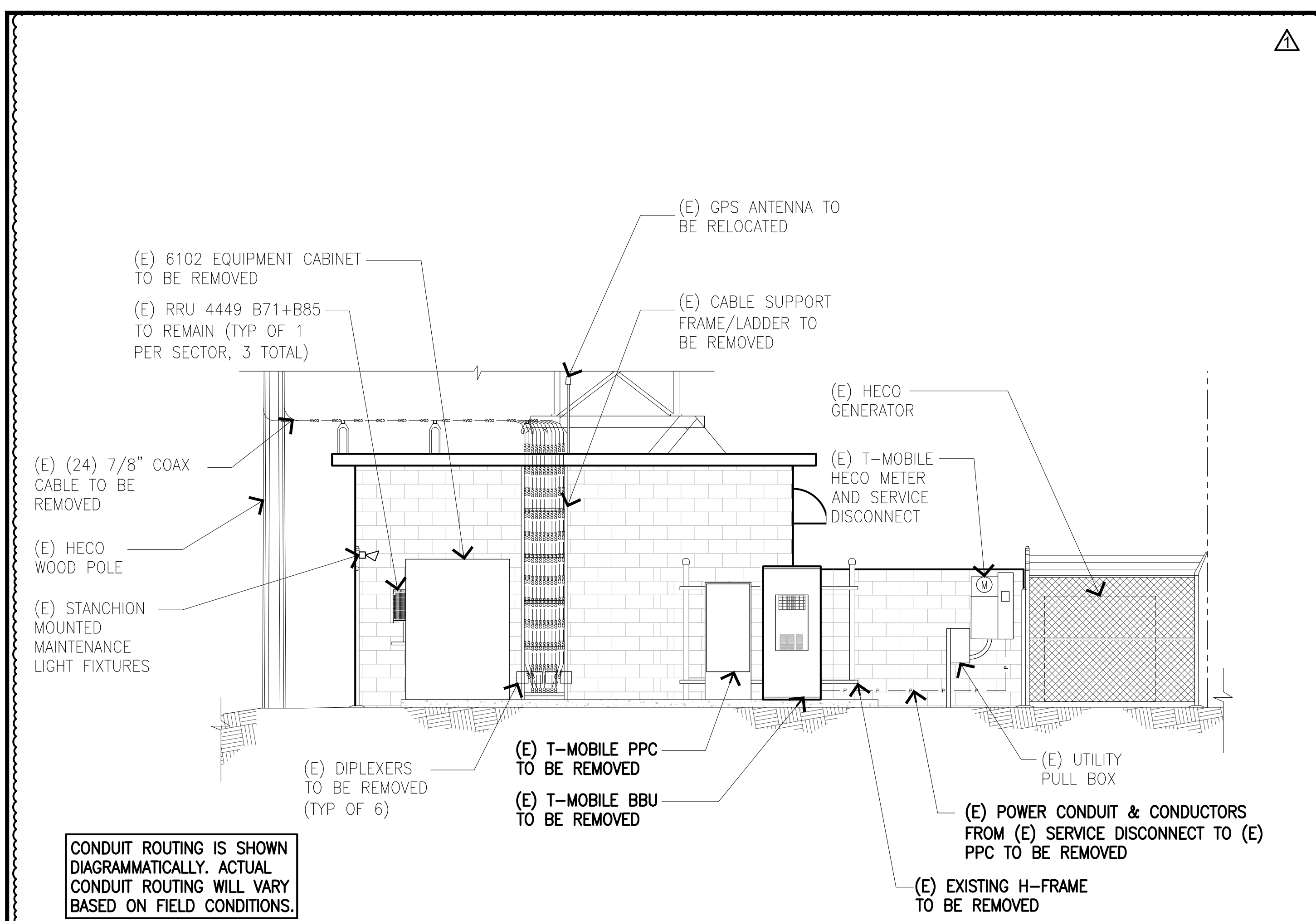
TMK: 4-4-012:003

SHEET TITLE:

ANTENNA LAYOUT
PLANS
& ANTENNA SCHEDULE

SHEET NO:

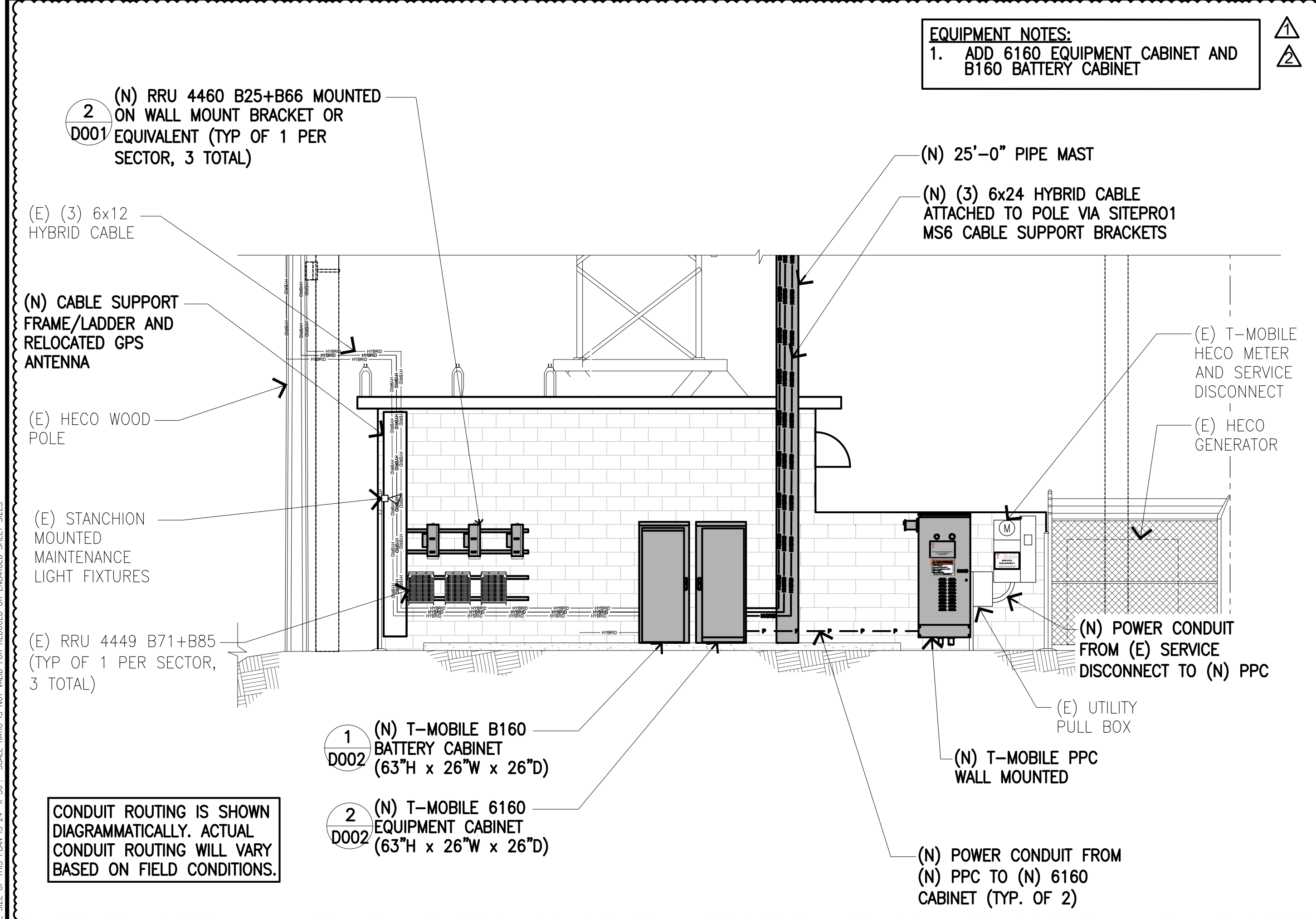
A003



1 (E) ENLARGED EQUIPMENT ELEVATION

SCALE: 1/4" = 1'-0" (11X17)

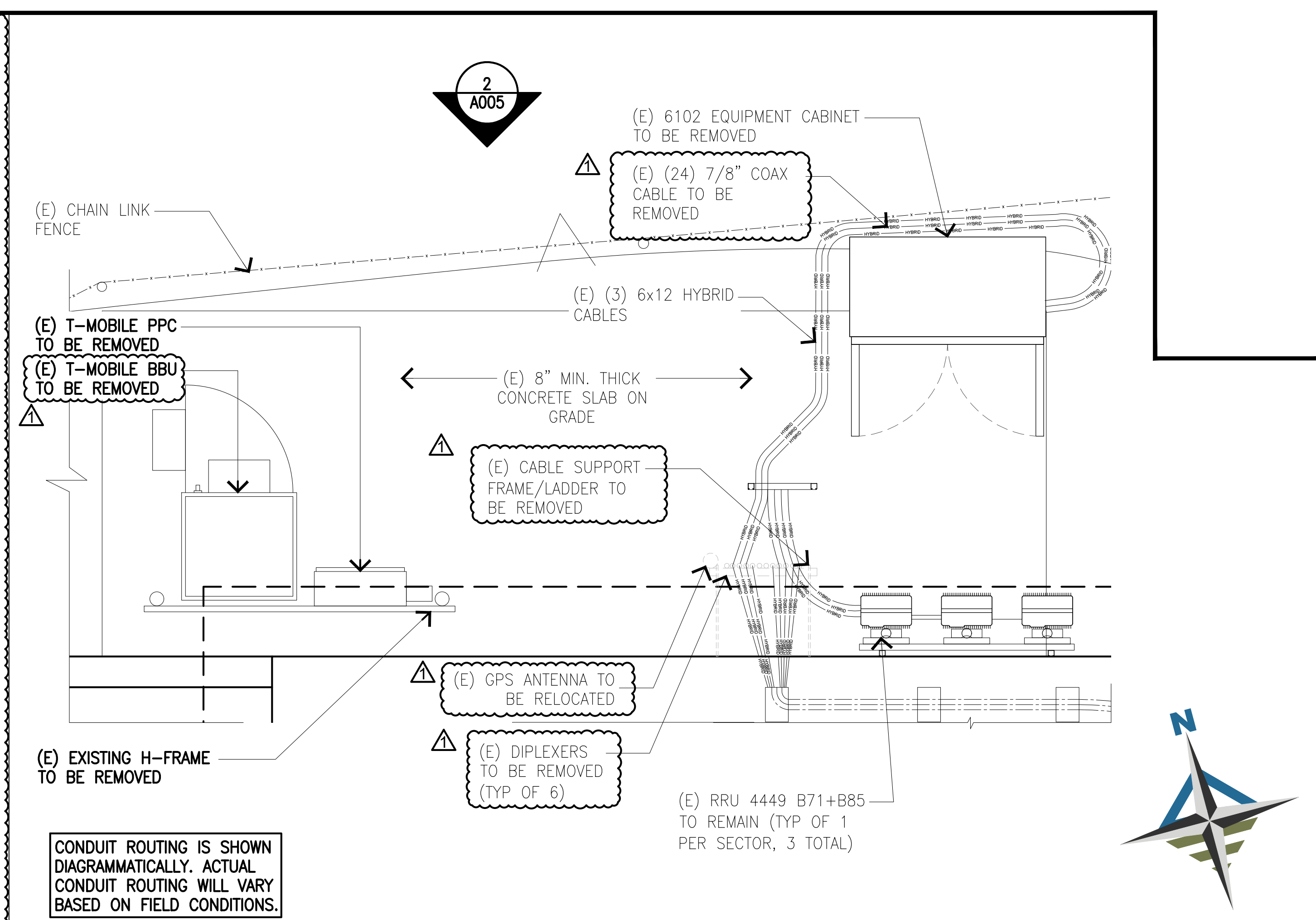
SCALE: 1/2" = 1'-0" (22X34)



2 (N) ENLARGED EQUIPMENT ELEVATION

SCALE: 1/4" = 1'-0" (11X17)

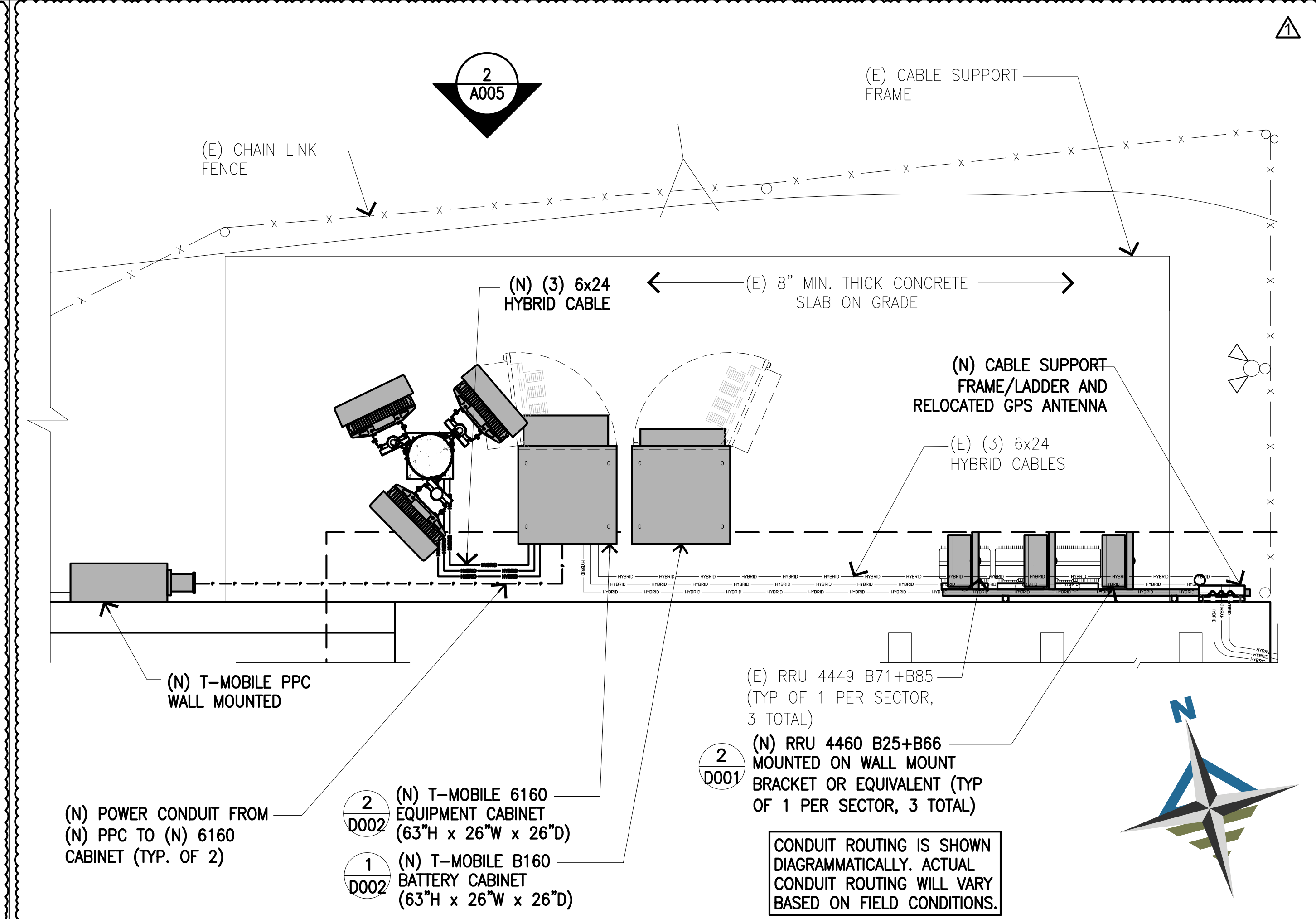
SCALE: 1/2" = 1'-0" (22X34)



3 (E) EQUIPMENT LAYOUT PLAN AT G.L.

SCALE: 1/2" = 1'-0" (11X17)

SCALE: 1" = 1'-0" (22X34)



4 (N) EQUIPMENT LAYOUT PLAN AT G.L.

SCALE: 1/2" = 1'-0" (11X17)

SCALE: 1" = 1'-0" (22X34)

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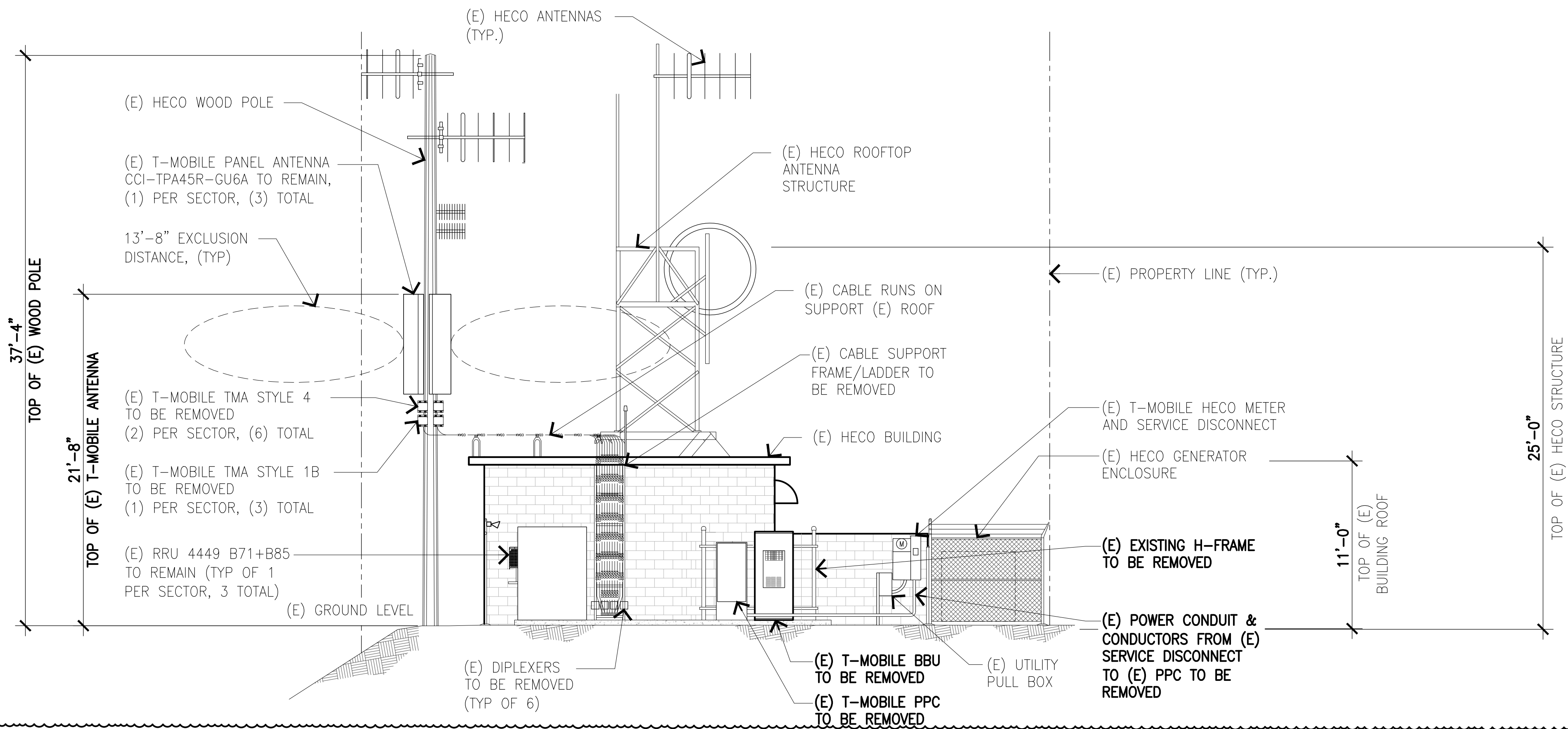
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SHEET TITLE:
EQUIPMENT LAYOUT PLANS

SHEET NO:
A004

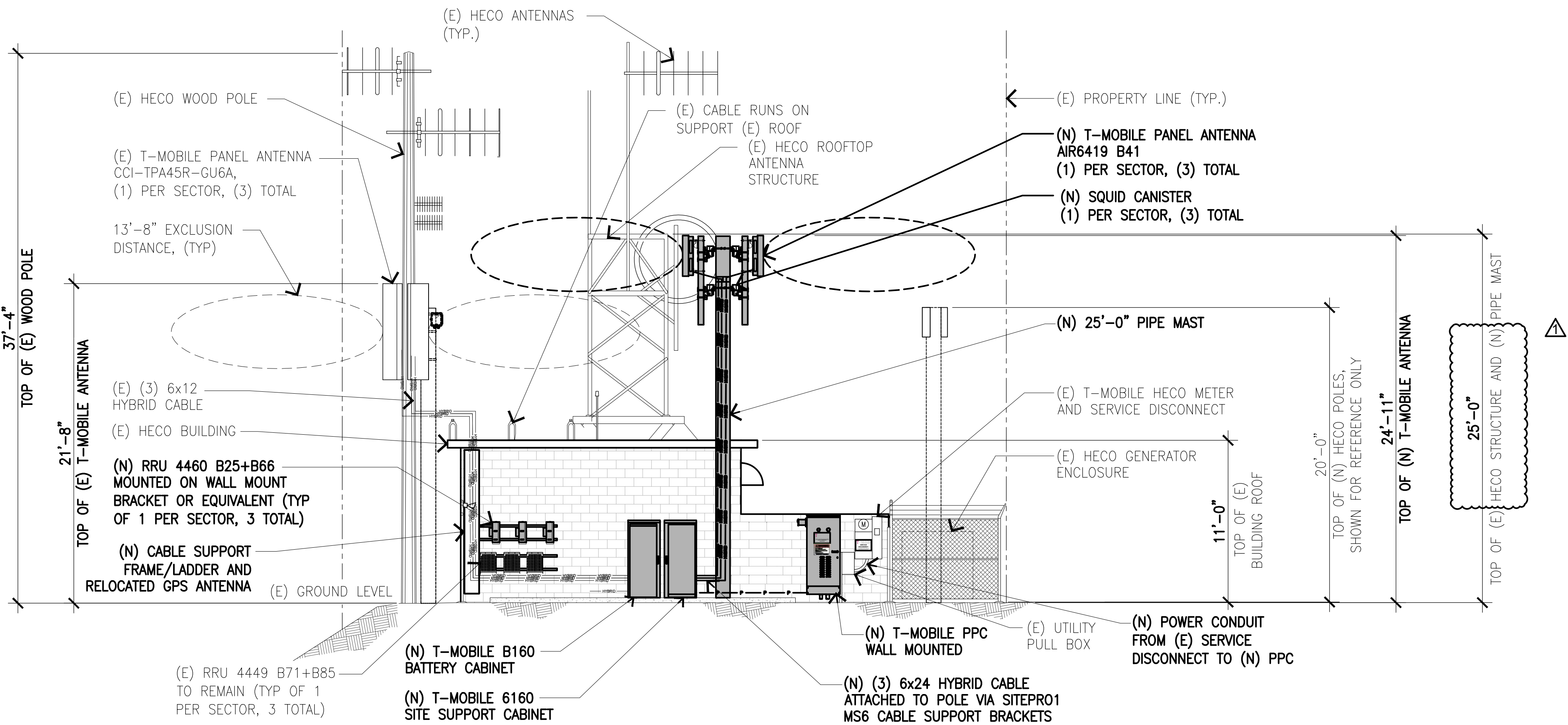
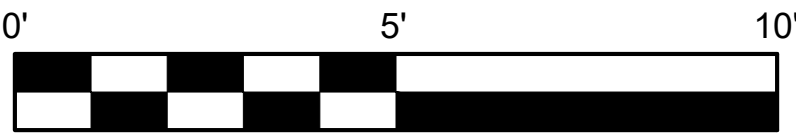
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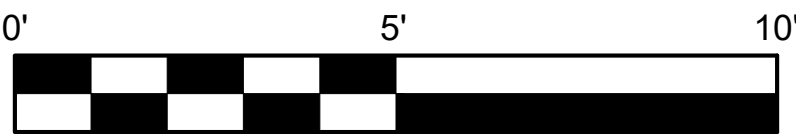
1 (E) NORTH ELEVATION

SCALE: 3/16" = 1'-0" (11X17)
SCALE: 3/8" = 1'-0" (22X34)



2 (N) NORTH ELEVATION

SCALE: 3/16" = 1'-0" (11X17)
SCALE: 3/8" = 1'-0" (22X34)



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SHEET TITLE:

ELEVATIONS I

SHEET NO:

A005