

ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
A	06/25/15	90% ZONING	EC
A	06/07/16	REVISED 90% ZD	ESQ
A	06/14/16	100% ZONING	CRC

core
 DEVELOPMENT SERVICES
 A&E SERVICES
 3350 E. Birch Street #250
 Brea, CA 92821
 (714)729-8404 (714)333-4441 fax
 www.core.us.com

PROPRIETARY INFORMATION
 THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO VERIZON WIRELESS
 ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO VERIZON WIRELESS IS STRICTLY PROHIBITED

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 949.286.7000

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 CATALINA
 AVALON, CA 90704
 LOS ANGELES COUNTY

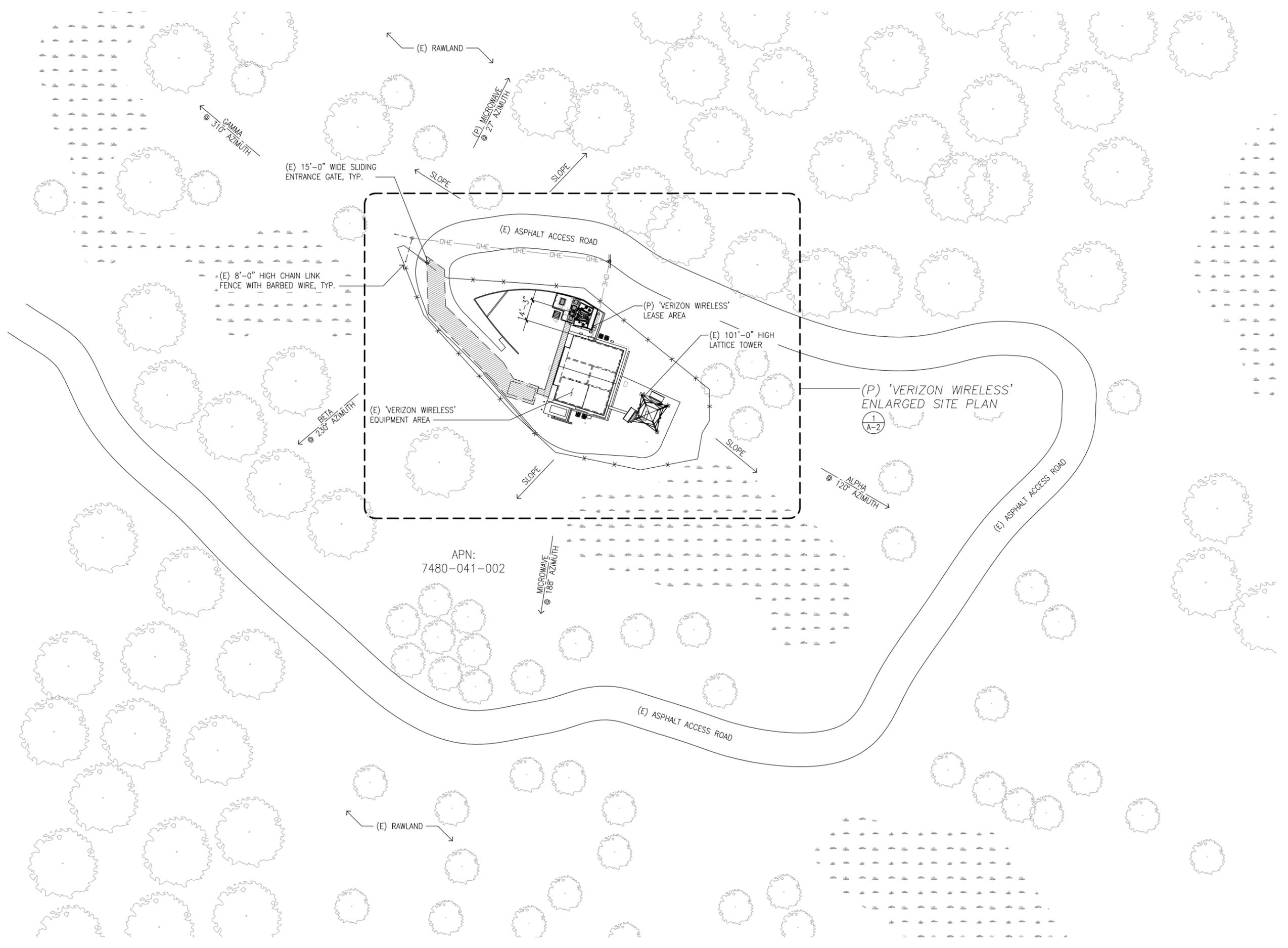
SHEET TITLE:
SITE PLAN

A-1

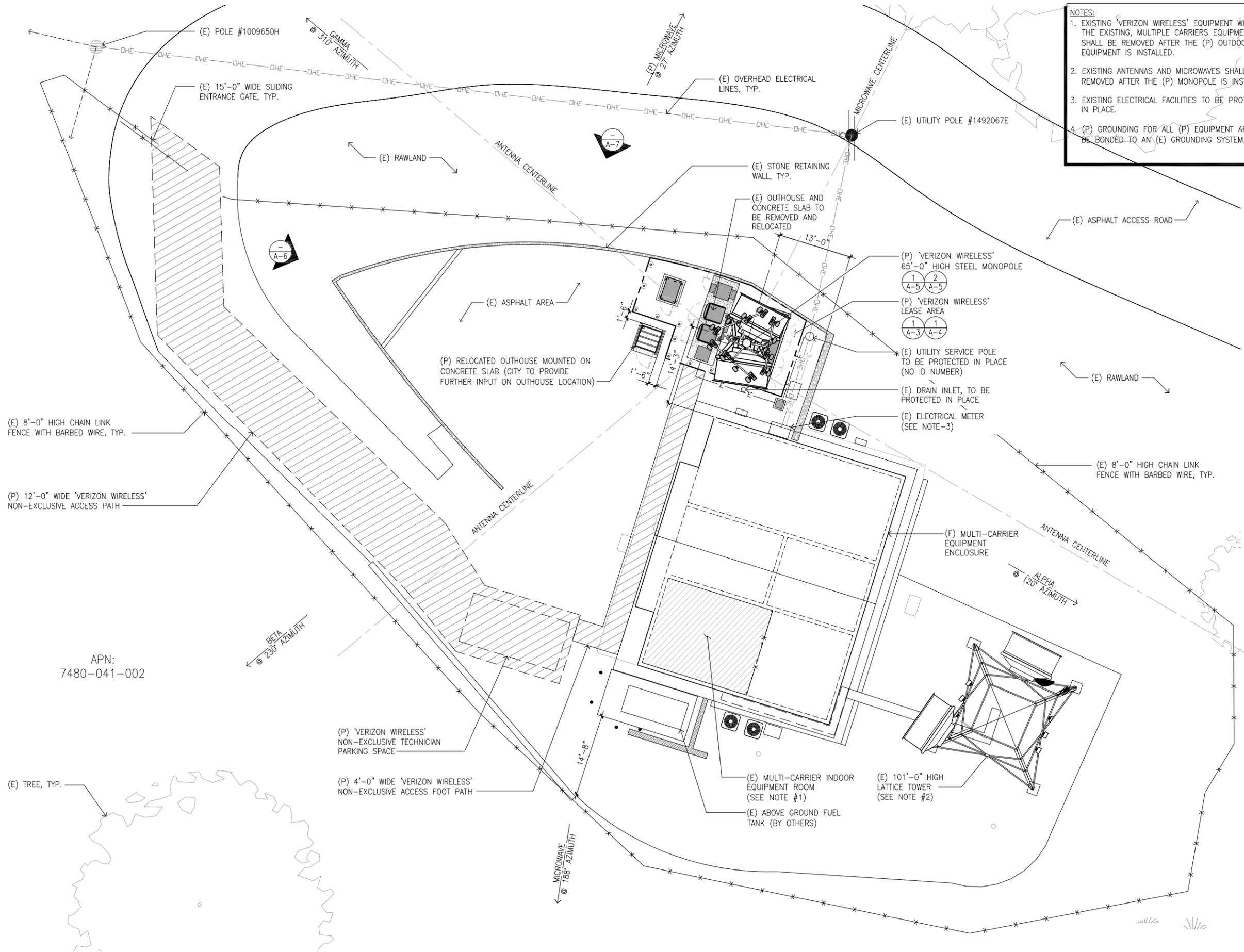
NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES

SITE PLAN

SCALE
 1"=30'-0"
 0 15' 30' 60'



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



- NOTES:**
- EXISTING 'VERIZON WIRELESS' EQUIPMENT WITHIN THE EXISTING, MULTIPLE CARRIERS EQUIPMENT ROOM SHALL BE REMOVED AFTER THE (P) OUTDOOR EQUIPMENT IS INSTALLED.
 - EXISTING ANTENNAS AND MICROWAVES SHALL BE REMOVED AFTER THE (P) MONOPOLE IS INSTALLED.
 - EXISTING ELECTRICAL FACILITIES TO BE PROTECTED IN PLACE.
 - (P) GROUNDING FOR ALL (P) EQUIPMENT ARE TO BE BONDED TO AN (E) GROUNDING SYSTEM.

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SHEET TITLE:
ENLARGED SITE PLAN

A-2

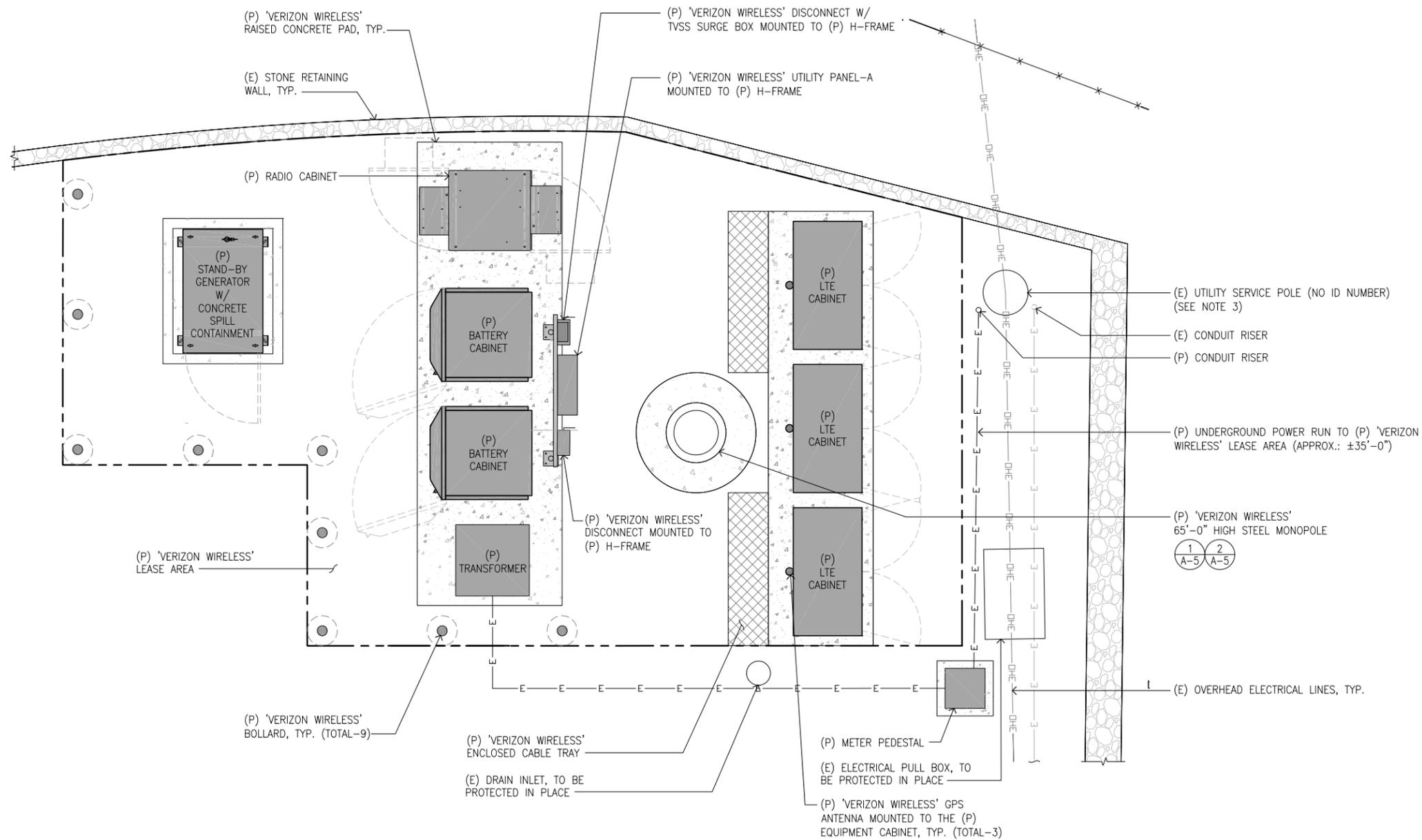
ENLARGED SITE PLAN

SCALE: 1/8"=1'-0"
0 2' 4' 8' 16'

APN:
7480-041-002

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EQUIPMENT PLAN



- NOTE:**
- (P) 'VERIZON WIRELESS' ANTENNAS AND EQUIPMENT ON (P) MONOPOLE NOT SHOWN FOR CLARITY.
 - GENERATOR TO HAVE ADEQUATE SPILL CONTAINMENT IN COMPLIANCE WITH CALIFORNIA HEALTH AND SAFETY CODE.
 - EXISTING ELECTRICAL FACILITIES TO BE PROTECTED IN PLACE.
 - (P) GROUNDING FOR ALL (P) EQUIPMENT ARE TO BE BONDED TO AN (E) GROUNDING SYSTEM.

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SHEET TITLE:
EQUIPMENT PLAN

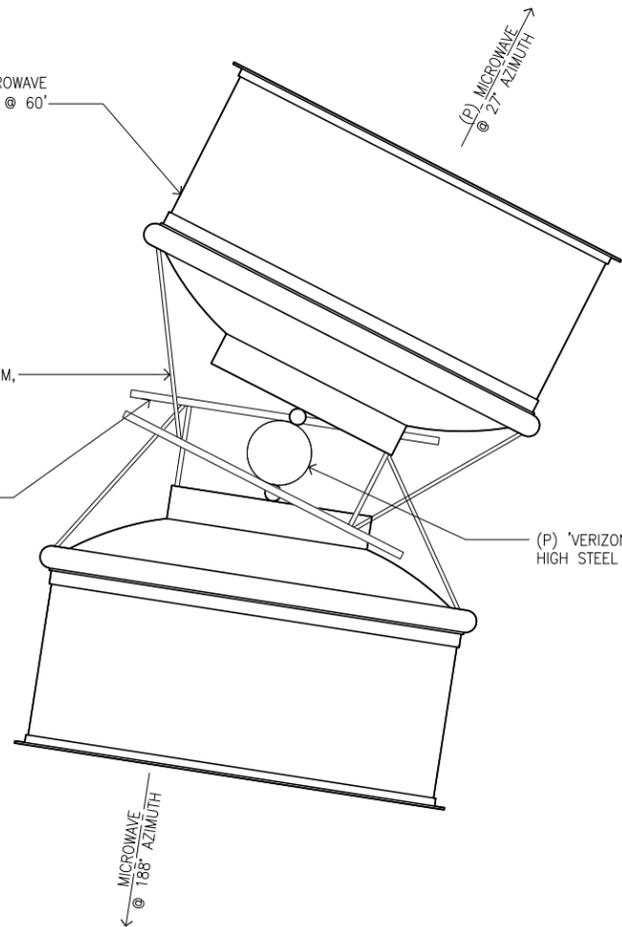
A-3

(P) 'VERIZON WIRELESS' 10'Ø MICROWAVE DISH MOUNTED TO (P) MONOPOLE @ 60' RAD, TYP. (TOTAL-2)

(P) MICROWAVE STABILIZING ARM, TYP. (TOTAL-2, PER M/W)

(P) BRACE FOR MICROWAVE STABILIZING ARM (TOTAL-2, PER M/W)

(P) 'VERIZON WIRELESS' 65'-0" HIGH STEEL MONOPOLE



NOTES:
 1. THE (P) MONOPOLE AND EQUIPMENT SHALL BE PAINTED A LIGHT BLUE COLOR WITH A WHITE MIX TO CREATE A SKY CAMOUFLAGE.
 2. (P) 'VERIZON WIRELESS' PANEL ANTENNAS AND EQUIPMENT NOT SHOWN FOR CLARITY.

10' MICROWAVE PLAN

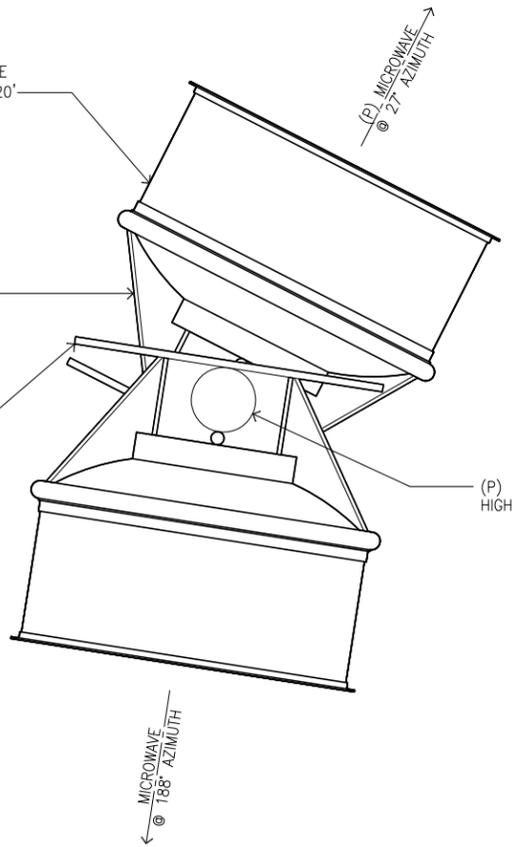
SCALE 1/2"=1'-0" 0 1' 2' 4'

(P) 'VERIZON WIRELESS' 8'Ø MICROWAVE DISH MOUNTED TO (P) MONOPOLE @ 20' AND 25' RAD, TYP. (TOTAL-2)

(P) MICROWAVE STABILIZING ARM, TYP. (TOTAL-2, PER M/W)

(P) BRACE FOR MICROWAVE STABILIZING ARM (TOTAL-2, PER M/W)

(P) 'VERIZON WIRELESS' 65'-0" HIGH STEEL MONOPOLE



8' MICROWAVE PLAN

NEW ANTENNA AND RRU CONFIGURATION

POS	TECHNOLOGY	AZIMUTH	RAD CENTER	ANTENNA MAKE	ANTENNA MODEL	PORT	# OF RRU	RRU MODEL	ELECT. TILT	MECH. TILT	
ALPHA	A1	LTE	120'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	4'	0'
	A2	CDMA	120'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	-	-	4'	0'
	A3	PCS LTE	120'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	2'	0'
	A4	AWS	120'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	2'	0'

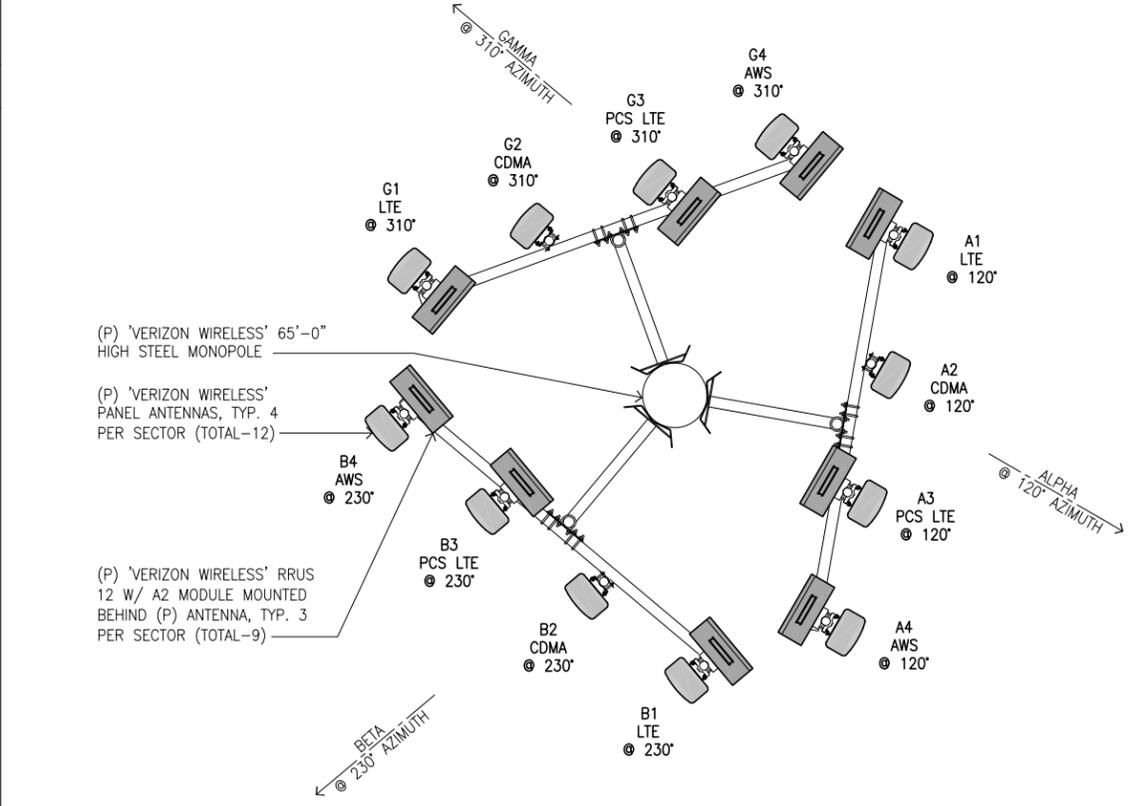
POS	TECHNOLOGY	AZIMUTH	RAD CENTER	ANTENNA MAKE	ANTENNA MODEL	PORT	# OF RRU	RRU MODEL	ELECT. TILT	MECH. TILT	
BETA	B1	LTE	230'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	4'	0'
	B2	CDMA	230'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	-	-	4'	0'
	B3	PCS LTE	230'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	2'	0'
	B4	AWS	230'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	2'	0'

POS	TECHNOLOGY	AZIMUTH	RAD CENTER	ANTENNA MAKE	ANTENNA MODEL	PORT	# OF RRU	RRU MODEL	ELECT. TILT	MECH. TILT	
GAMMA	G1	LTE	310'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	4'	0'
	G2	CDMA	310'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	-	-	4'	0'
	G3	PCS LTE	310'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	2'	0'
	G4	AWS	310'	40'-0"	COMMSCOPE	SBNH-1D6565C	QUAD	1	RRUS 12	2'	0'

TRANSMISSION LINES

	QUANTITY	LENGTH
(P) COAX	6	±65'-0"
(P) HYBRIFLEX	2	±55'-0"

NOTES:
 1. THE (P) MONOPOLE AND EQUIPMENT SHALL BE PAINTED A LIGHT BLUE COLOR WITH A WHITE MIX TO CREATE A SKY CAMOUFLAGE.
 2. (P) 'VERIZON WIRELESS' MICROWAVES NOT SHOWN FOR CLARITY.



4 ANTENNA PLAN

SCALE 1/2"=1'-0" 0 1' 2' 4'

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SHEET TITLE:
ANTENNA PLAN & MICROWAVE PLAN

A-5

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 2. [XXX.XX] NUMBERS ARE DERIVED FROM SURVEY

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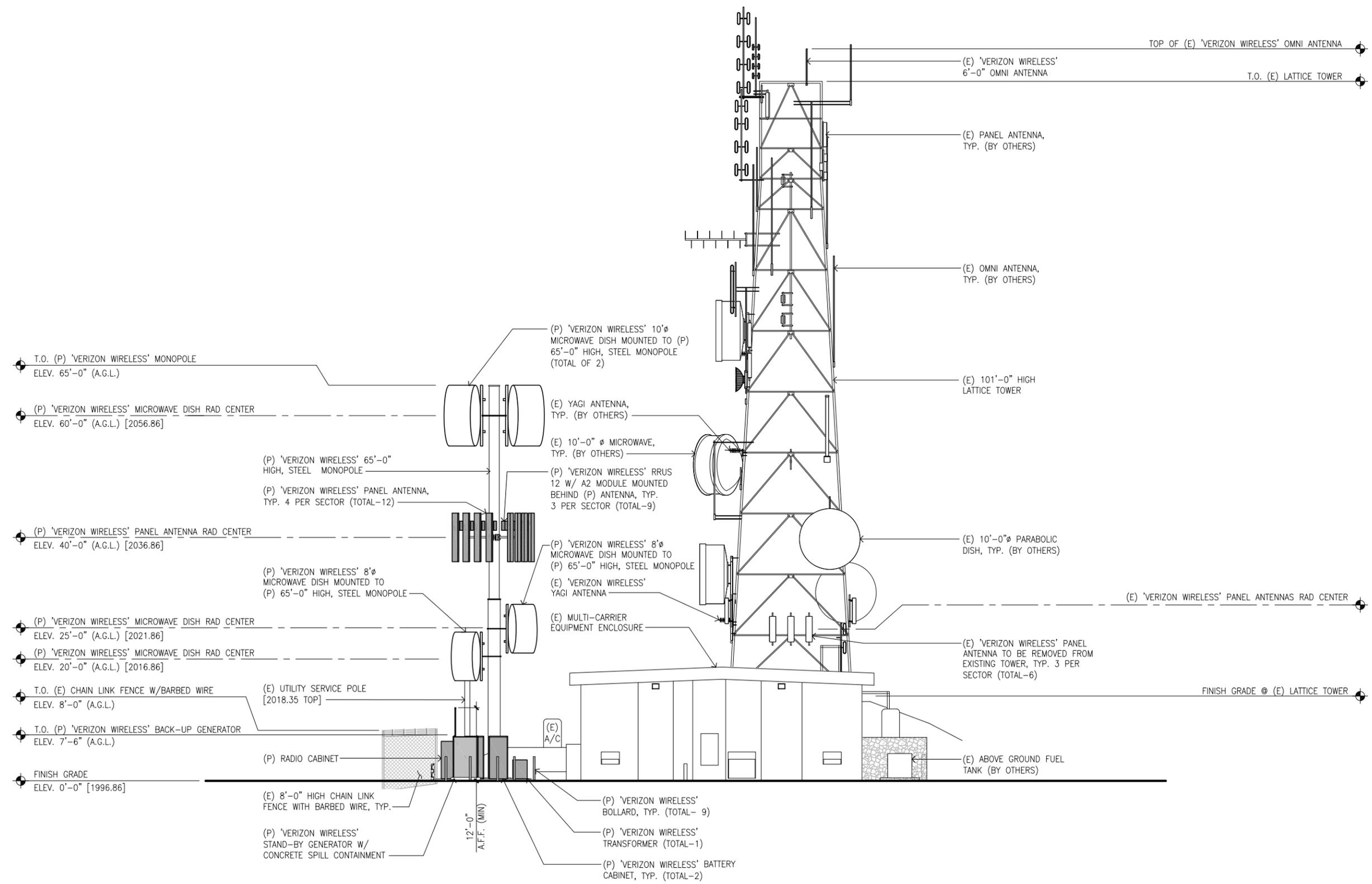
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SHEET TITLE:
NORTHWEST ELEVATION

A-6

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NORTHWEST ELEVATION

SCALE
 1/8"=1'-0" 0 2' 4' 8' 16' 1

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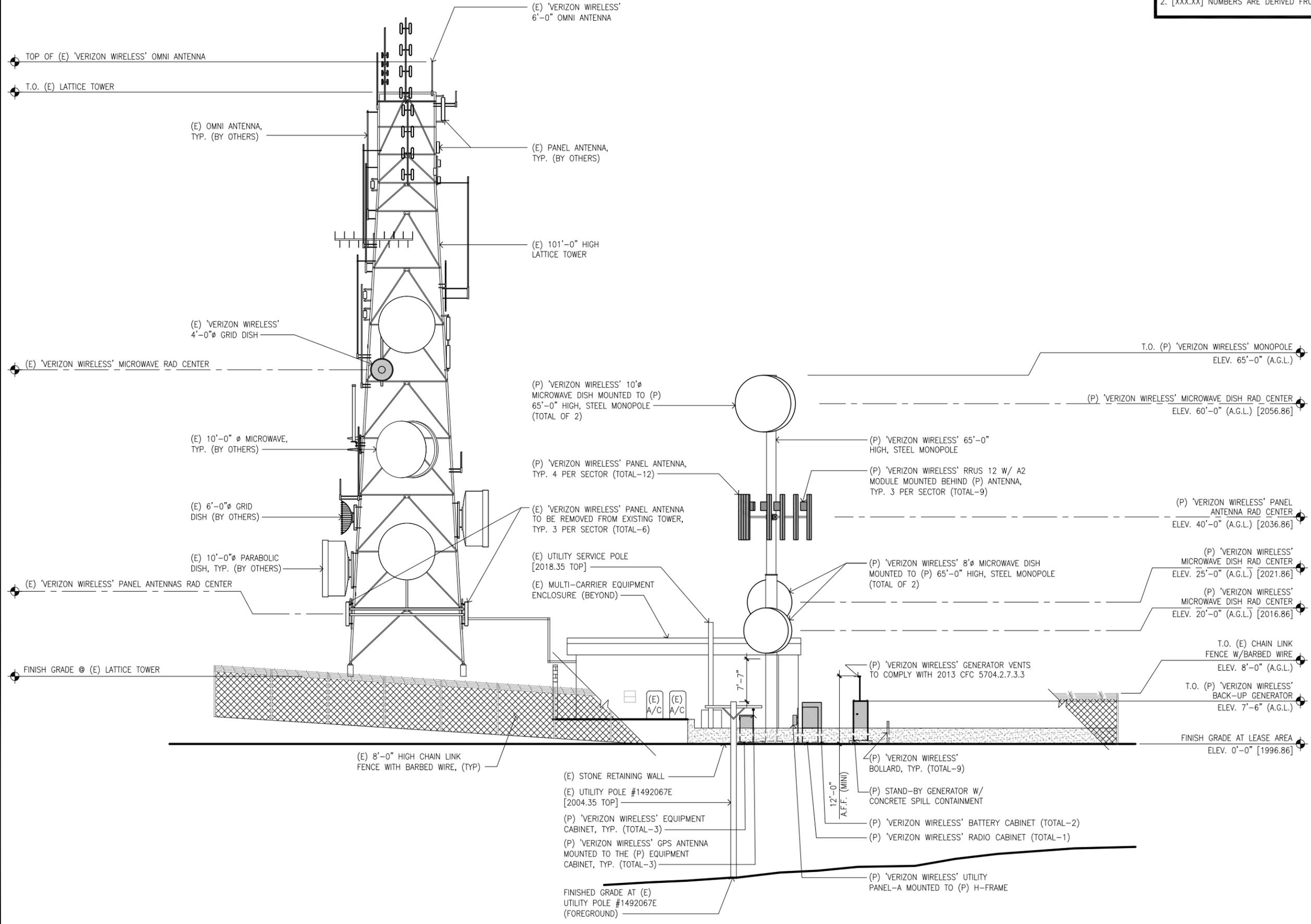
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SHEET TITLE:
NORTHEAST ELEVATION

A-7

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NORTHEAST ELEVATION

SCALE
 1/8"=1'-0" 0 2' 4' 8' 16' 1