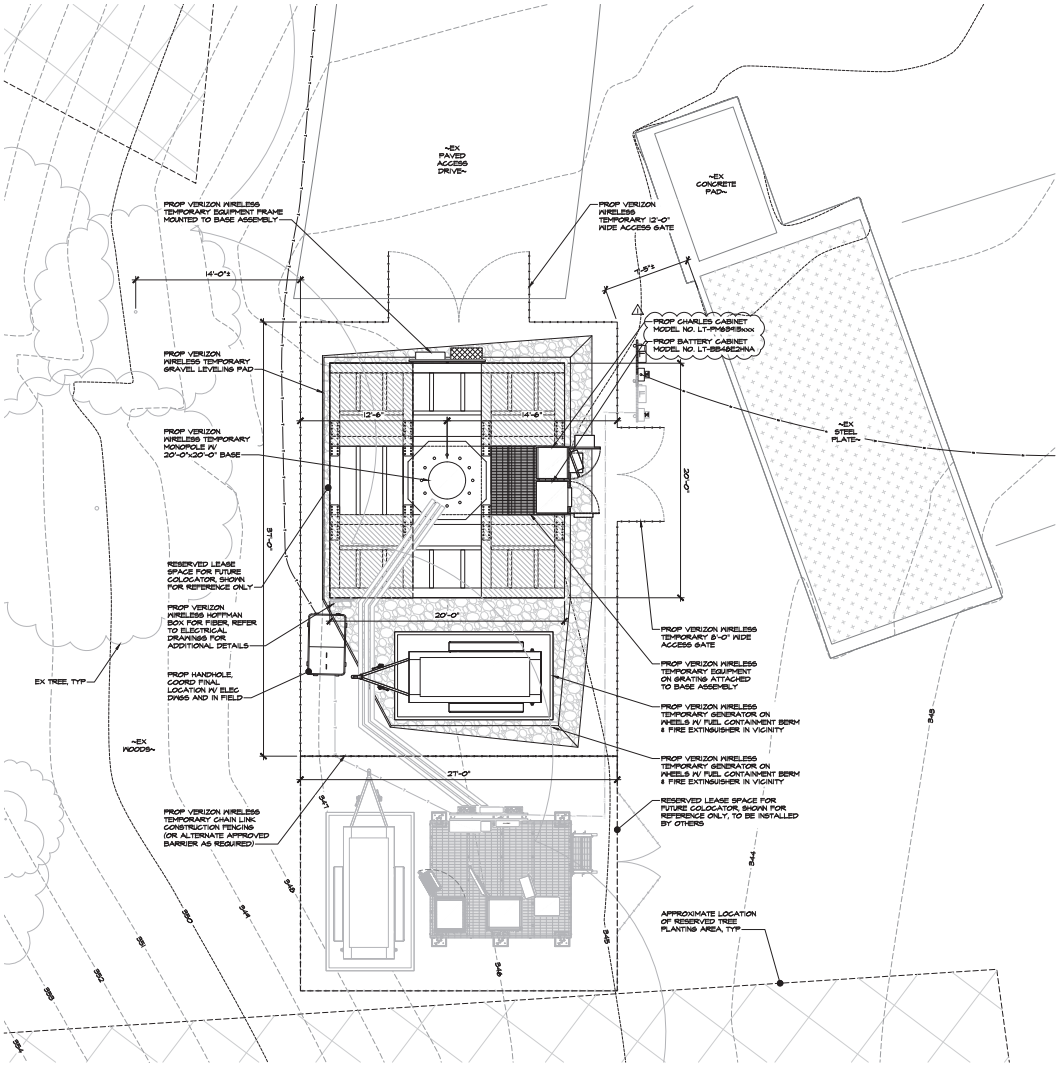
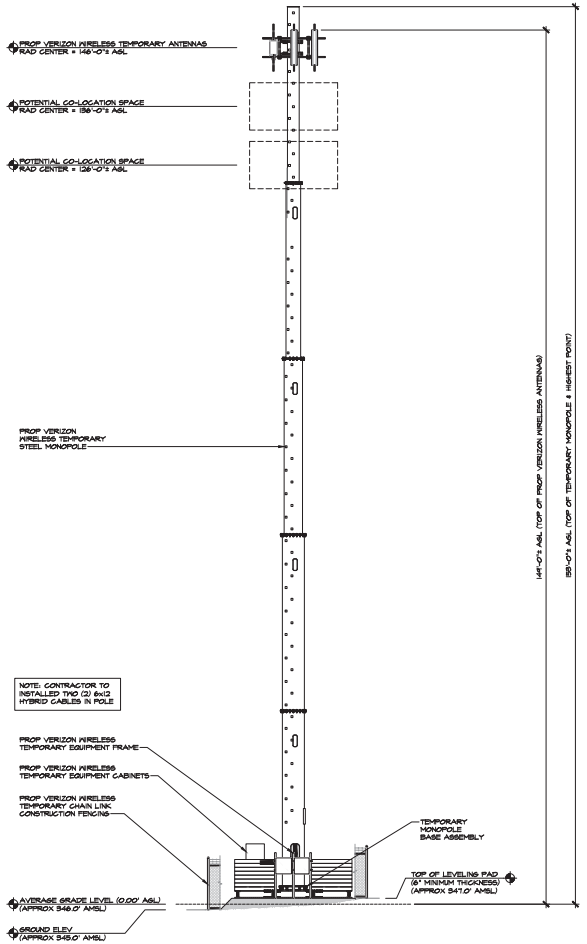


ENLARGED EQUIPMENT LAYOUT

SCALE: 1" = 5'-0"



TEMPORARY TOWER ELEVATION

SCALE: 1" = 5'-0"

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MRA
MORRIS & RITCHIE ASSOCIATES, INC.
(Civil/Structural Engineers)
2220-D Bush Airport Rd, Suite 400E
Towson, Maryland 21286
410-821-7900
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PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32264, EXPIRATION DATE: 11/01/2025.

verizon

WOODSIDE TEMP RELO
CORNER OF I-495 & SR97
SILVER SPRING, MD 20910 (MONTGOMERY COUNTY)

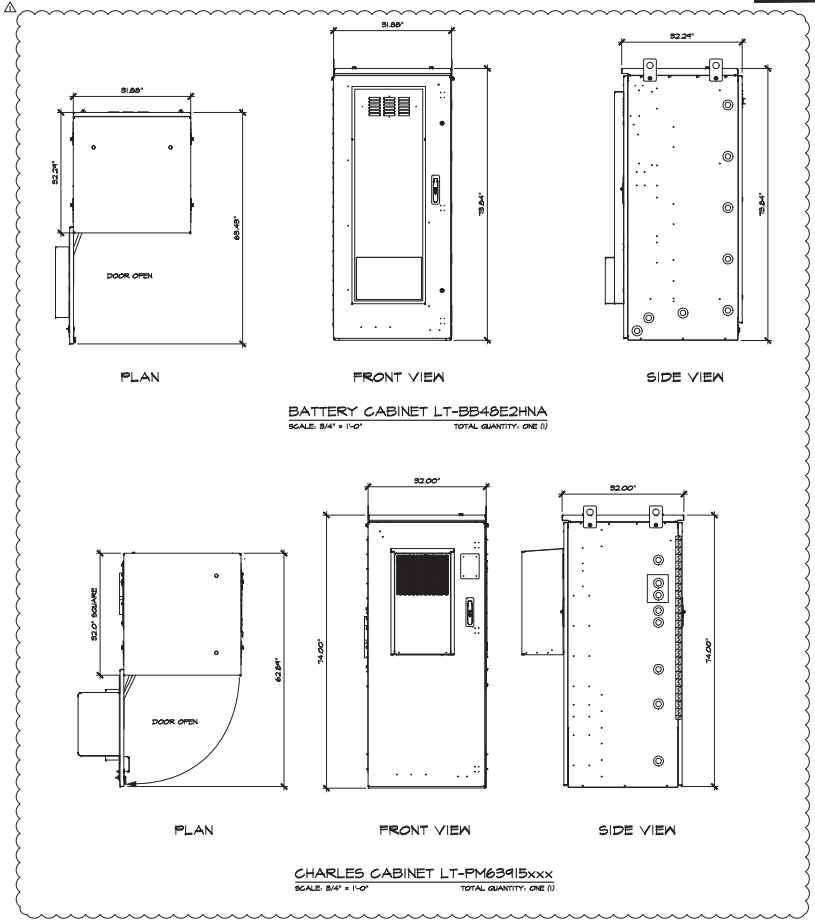
REVISIONS:			
NO.	DESCRIPTION	DATE	INT
2	COUNTY COMMENTS	10/30/25	AJL
	OZAH COMMENTS	11/12/24	AJL
1	TC COMMENTS	09/20/24	AJL
	TOWER COMMITTEE	08/14/24	DNT

DESIGNED BY:	RJD
DRAWN BY:	DNT
REVIEWED BY:	AJL
PROJECT NO:	10421.3524
FUZE PROJECT NO:	17368851
DATE:	08/13/2024

TITLE: Site Details

SHEET: C-3

Exhibit 12
OZAH Case No: CU 25-05

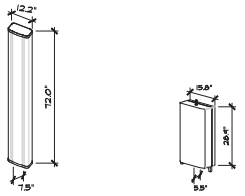


BATTERY CABINET LT-BB48E2HNA

SCALE: 3/4" = 1'-0" TOTAL QUANTITY: ONE (1)

CHARLES CABINET LT-PM63915xxx

SCALE: 3/4" = 1'-0" TOTAL QUANTITY: ONE (1)

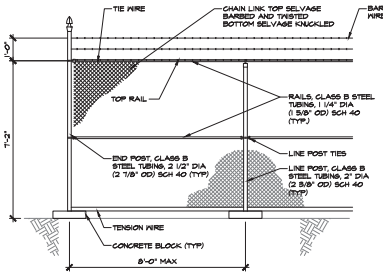


PROPOSED VERIZON WIRELESS ANTENNA DETAILS

NOT TO SCALE

ANTENNA COLOR CODING SCHEDULE

SECTOR	POS	MANUFACTURER	MODEL #	AZIMUTH	RAD CENTER	CABLE LENGTH	ANTENNA TECHNOLOGY	ANTENNA COLOR CODING
ALPHA	1	JMA	MX06FH6665-HG	55°	146'-0"±	TWO (2) 6x12 LOW INDUCTANCE HYBRID CABLES TO SERVICE ALL SECTORS 188'-0"± (CONTRACTOR TO VERIFY IN FIELD PRIOR TO ORDERING MATERIAL)	700/850/2100 (6 CABLES)	TX: PURPLE/6RED/RED/6GREEN/PURPLE (PU/6/R/6/PU) RX: PURPLE/6RED/2RED/6RED/PURPLE (PU/6/2R/6/PU) TX: ORANGE/RED/ORANGE (O/R/O) RX: ORANGE/2RED/ORANGE (O/2R/O) TX: ORANGE/3RED/ORANGE (O/3R/O) RX: ORANGE/4RED/ORANGE (O/4R/O)
	2	JMA	MX06FH6665-HG	55°	146'-0"±		700/850/1900 (6 CABLES)	TX: PURPLE/6GREEN/3RED/6GREEN/PURPLE (PU/6/3R/6/PU) RX: PURPLE/6RED/4RED/6RED/PURPLE (PU/6/4R/6/PU) TX: PINK/RED/PINK (P/R/P) RX: PINK/2RED/PINK (P/2R/P) TX: PINK/3RED/PINK (P/3R/P) RX: PINK/4RED/PINK (P/4R/P)
	3	SAMSUNG	MT6413-77A	60°	146'-0"±		C-BAND	RED/RED/RED (R/R/R) - HYBRIFLEX JUMPER
BETA	1	JMA	MX06FH6665-HG	180°	146'-0"±		700/850/2100 (6 CABLES)	TX: PURPLE/6GREEN/6BLUE/6GREEN/PURPLE (PU/6/B/6/PU) RX: PURPLE/6GREEN/2BLUE/6GREEN/PURPLE (PU/6/2B/6/PU) TX: ORANGE/BLUE/ORANGE (O/B/O) RX: ORANGE/2BLUE/ORANGE (O/2B/O) TX: ORANGE/3BLUE/ORANGE (O/3B/O) RX: ORANGE/4BLUE/ORANGE (O/4B/O)
	2	JMA	MX06FH6665-HG	180°	146'-0"±		700/850/1900 (6 CABLES)	TX: PURPLE/6GREEN/6BLUE/6GREEN/PURPLE (PU/6/BB/6/PU) RX: PURPLE/6GREEN/4BLUE/6GREEN/PURPLE (PU/6/4B/6/PU) TX: PINK/BLUE/PINK (P/B/P) RX: PINK/2BLUE/PINK (P/2B/P) TX: PINK/3BLUE/PINK (P/3B/P) RX: PINK/4BLUE/PINK (P/4B/P)
	3	SAMSUNG	MT6413-77A	180°	146'-0"±		C-BAND	RED/BLUE/RED (R/B/R) - HYBRIFLEX JUMPER
GAMMA	1	JMA	MX06FH6665-HG	290°	146'-0"±		700/850/2100 (6 CABLES)	TX: PURPLE/6GREEN/YELLOW/6GREEN/PURPLE (PU/6/Y/6/PU) RX: PURPLE/6GREEN/2YELLOW/6GREEN/PURPLE (PU/6/2Y/6/PU) TX: ORANGE/YELLOW/ORANGE (O/Y/O) RX: ORANGE/2YELLOW/ORANGE (O/2Y/O) TX: ORANGE/3YELLOW/ORANGE (O/3Y/O) RX: ORANGE/4YELLOW/ORANGE (O/4Y/O)
	2	JMA	MX06FH6665-HG	290°	146'-0"±		700/850/1900 (6 CABLES)	TX: PURPLE/6GREEN/3YELLOW/6GREEN/PURPLE (PU/6/3Y/6/PU) RX: PURPLE/6GREEN/4YELLOW/6GREEN/PURPLE (PU/6/4Y/6/PU) TX: PINK/YELLOW/PINK (P/Y/P) RX: PINK/2YELLOW/PINK (P/2Y/P) TX: PINK/3YELLOW/PINK (P/3Y/P) RX: PINK/4YELLOW/PINK (P/4Y/P)
	3	SAMSUNG	MT6413-77A	300°	146'-0"±		C-BAND	RED/YELLOW/RED (R/Y/R) - HYBRIFLEX JUMPER



TYPICAL MOVEN WIRE FENCE NOTES

1. GATE POST, CORNER, TERMINAL OR PULL POST 2 1/2" DIA (2 7/8" OD) SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
2. LINE POST: 2" DIA (2 3/8" OD) SCHEDULE 40 PIPE PER ASTM-F1083.
3. GATE FRAME: 1 1/4" DIA (1 5/8" OD) SCHEDULE 40 PIPE PER ASTM-F1083.
4. TOP RAIL & BRACE RAIL: 1 1/4" DIA (1 5/8" OD) SCHEDULE 40 PIPE PER ASTM-F1083.
5. FABRIC: # 6A CORE WIRE SIZE, 2" MESH, CONFORMING TO ASTM-A392.
6. TIE WIRE: MINIMUM 11 GA GALVANIZED STEEL, AT POSTS AND RAILS, A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX 24" INTERVALS.
7. TENSION WIRE: 7 GA GALVANIZED STEEL.
8. BARBED WIRE: DOUBLE STRAND 12-2 1/2" OD TWISTED WIRE TO MATCH WITH FABRIC, 14 GA, 4 PT BARBS SPACED ON APPROXIMATELY 4" CENTERS.
9. GATE LATCH: 1-5/8" OD PLUNGER ROD WITH MUSHROOM TYPE CATCH AND LOCK, KEYED ALIKE FOR ALL SITES IN A GIVEN MTA.
10. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH, IF REQUIRED.

TEMPORARY CHAIN LINK FENCE DETAIL

SCALE: 3/8" = 1'-0"

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verizon

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CORNER OF I-495 & SR97
SILVER SPRING, MD 20910 (MONTGOMERY COUNTY)

REVISIONS:

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2	COUNTY COMMENTS	10/30/25	AJL
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DESIGNED BY: RJD
DRAWN BY: DNT
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PROJECT NO: 10421.3524
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DATE: 08/13/2024

TITLE:

Additional Site Details

SHEET:

C-4