SITE NAME: NHV_EROCK_310_CT

UTILITY POLE #: 414

357 WHITNEY AVENUE
NEW HAVEN, CT 06513



LOCATION PLAN
SCALE: N.T.S.
1 / L-1

SITE CONTROL POINT:
CENTER OF UTILITY POLE #: 414
LATITUDE: 41°19'14.2"N (41.320608)
LONGITUDE: 72°55'05.9"W (-72.918311)
APPROX. GROUND ELEV.: ±40' AMSL.

SHEET INDEX

SHEET NUMBER	DESCRIPTION	REV.
L-1	LOCATION PLAN / AERIAL IMAGE	0
L-2	UTILITY POLE PHOTOGRAPH AND ELEVATION	0
L-3	ANTENNA & ANCILLARY EQUIPMENT ORIENTATION PLAN & MOUNTING DETAILS	0
L-4	ANTENNA & ANCILLARY EQUIPMENT SPECIFICATION AND ONE-LINE DIAGRAM	0

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FIELD INSPECTIONS

REV:	DATE:	DESCRIPTION:	BY:
1	06/04/25	INITIAL SURVEY	RP

SUBMITTALS

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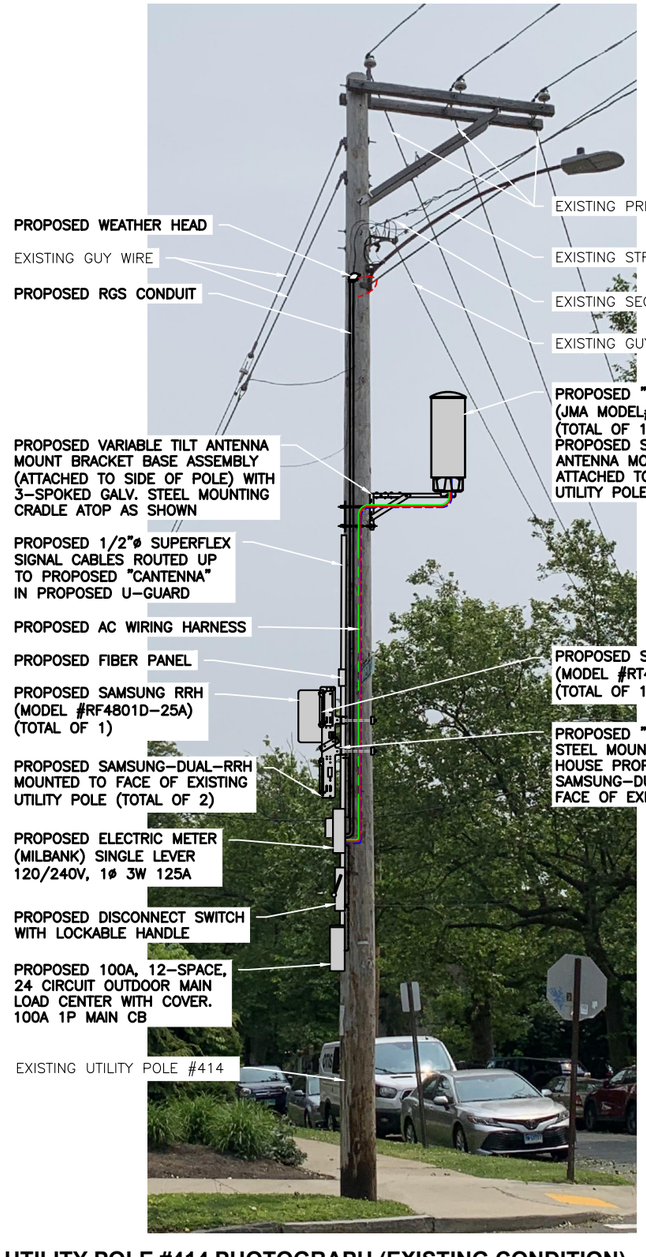
FUZE NUMBER:
16123747
MDG ID:
5000220572

SHEET TITLE:
LOCATION PLAN

SHEET NUMBER:
L-1

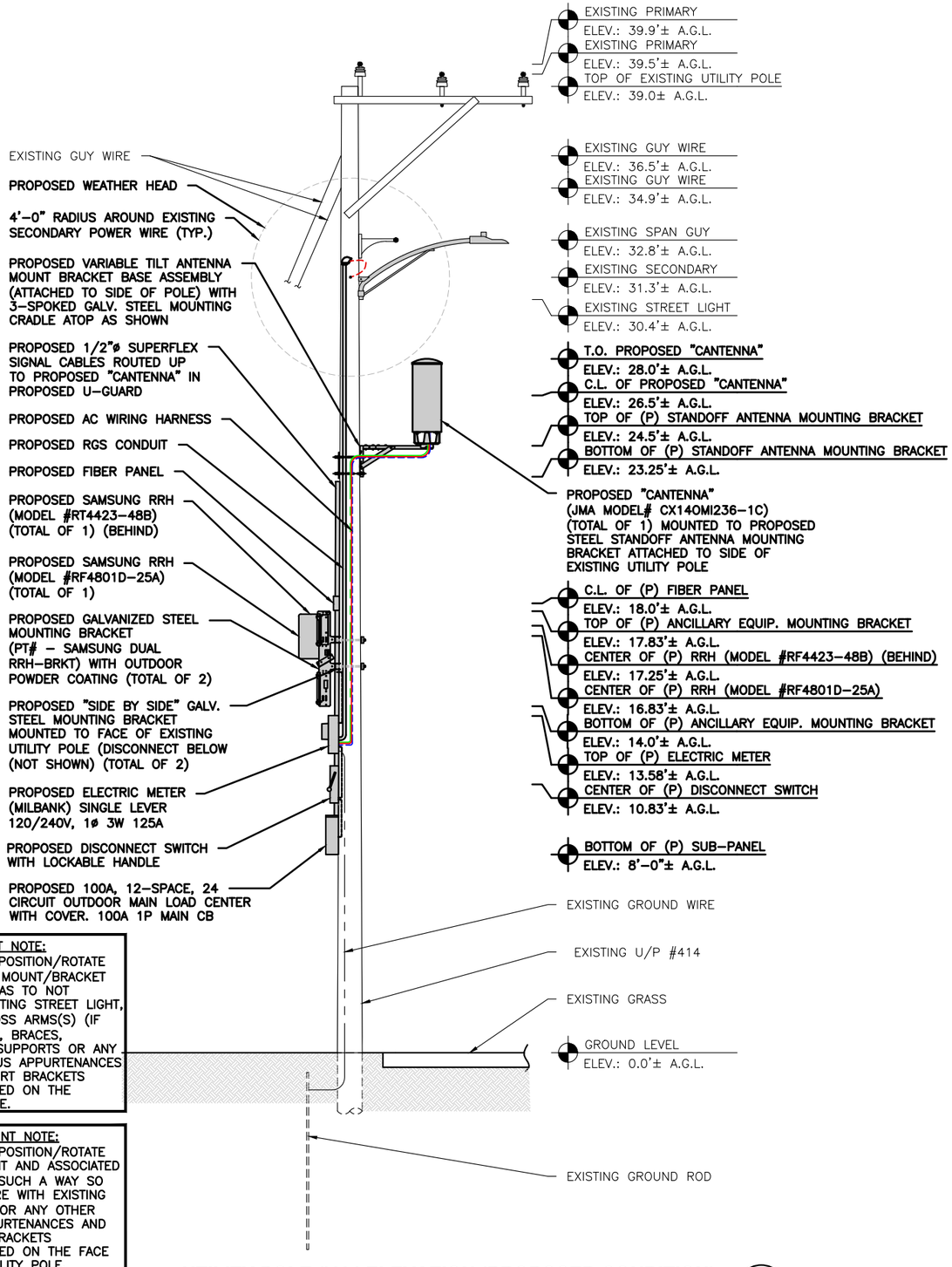
GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION, SIZE AND ORIENTATION OF THE PROPOSED WIRELESS TELECOMMUNICATION EQUIPMENTS INSTALLATION ON THE UTILITY POLE AND ARE NOT SPECIFICALLY INTENDED FOR CONSTRUCTION.
2. VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON THE UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP & CONTACT INFORMATION TO BE UTILIZED IN THE CASE OF EMERGENCY.
3. AN ANALYSIS OF THE CAPACITY OF THE EXISTING UTILITY POLE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY THE UTILITY COMPANY AND THUS, THESE DRAWINGS ARE SUBJECT TO CHANGE PENDING THE OUTCOME OF A STRUCTURAL ANALYSIS (TO BE PERFORMED BY OTHERS).
4. VERIZON WIRELESS GENERAL CONTRACTOR SHALL EXTEND EFFORTS TO ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE EXISTING UTILITY COMPANY OR COMPANIES CURRENTLY OCCUPYING THE UTILITY POLE AND THE 2017 NATIONAL ELECTRIC SAFETY CODE.
5. THE UTILITY POLE DESIGN INCORPORATING THE PROPOSED EQUIPMENT IS FROM THE OSMOSE O CALC ANALYSIS REPORT AND GUIDANCE FROM THE UTILITY OWNER AND CLIENT'S STANDARDS.



UTILITY POLE #414 PHOTOGRAPH (EXISTING CONDITION) 1 / L–2

SCALE: N.T.S.



UTILITY POLE #414 ELEVATION (PROPOSED CONDITION) 2 / L–2

22X34 SCALE: 3/8"=1'–0"
11X17 SCALE: 3/16"=1'–0"

0 2'–8" 5'–4" 10'–8" 16'–0"

ANTENNA AND MOUNT NOTE:
CONTRACTOR SHALL POSITION/ROTATE PROPOSED ANTENNA MOUNT/BRACKET IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING STREET LIGHT, PRIMARY POWER CROSS ARMS(S) (IF PRESENT). BRACKETS, BRACES, SECONDARY POWER SUPPORTS OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON THE EXISTING UTILITY POLE.

EQUIPMENT AND MOUNT NOTE:
CONTRACTOR SHALL POSITION/ROTATE PROPOSED EQUIPMENT AND ASSOCIATED MOUNT/BRACKET IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING WIRES/PANELS ETC. OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON THE FACE OF THE EXISTING UTILITY POLE.

NOTE:
UTILITY POLE, EXISTING APPURTENANCES AND DETAILS OF THE PROPOSED INSTALLATION SHOWN SCHEMATICALLY.

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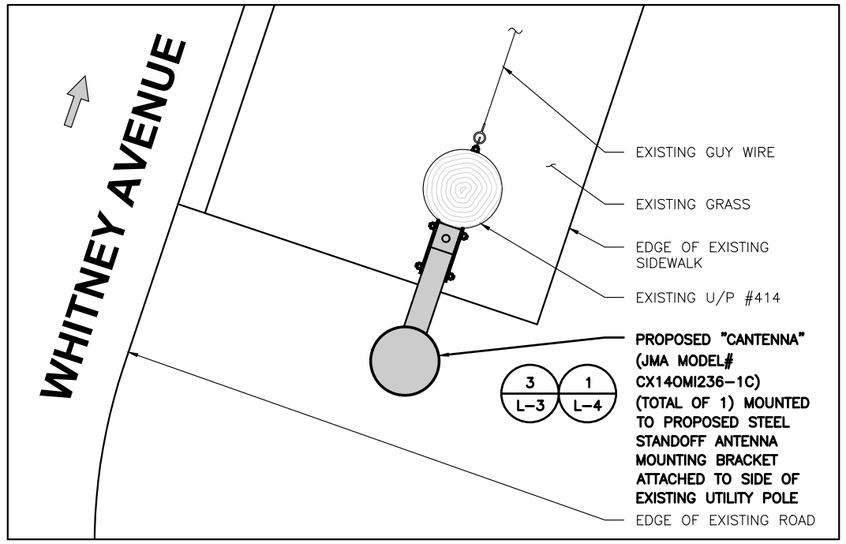
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NEW HAVEN COUNTY

FUZE NUMBER:
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MDG ID:
5000220572

SHEET TITLE:
UTILITY POLE PHOTOGRAPH & ELEVATION

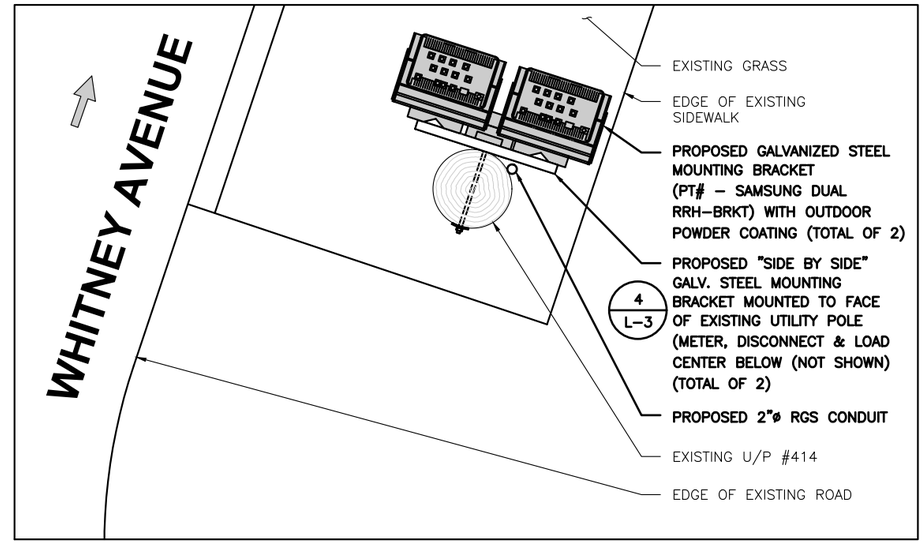
SHEET NUMBER:
L–2



ANTENNA ORIENTATION PLAN (1 / L-3)

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

0 1'-4" 2'-8" 5'-4" 8'-0"

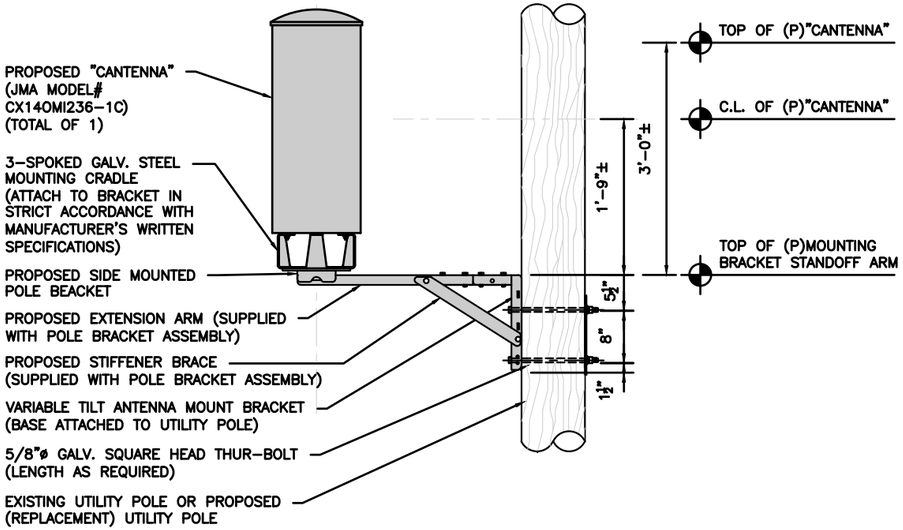


ANCILLARY EQUIPMENT ORIENTATION PLAN (2 / L-3)

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

0 1'-4" 2'-8" 5'-4" 8'-0"

ITEM ID (SEE DETAIL)	DESCRIPTION	WEIGHT (LBS.)
1	(2) RRH MOUNTING BRACKET	56±
2	RRH UNIT	87.9±
3	RRH UNIT	18.73±
4	(2) DIPLEXER (NOT USED)	0.0±
5A	POWER SUPPLY 1 OF 2	25.6±
5B	POWER SUPPLY 2 OF 2	25.6±
6	NID BOX	–
	TOTAL:	213.83±

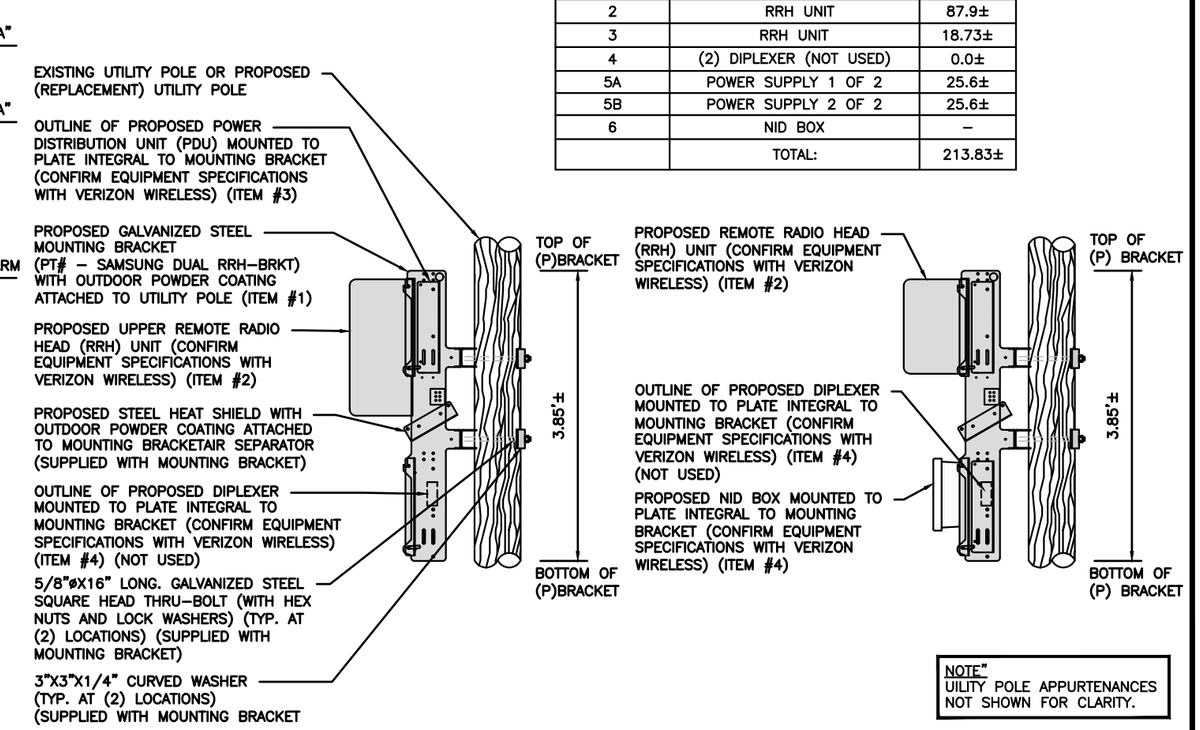


ANTENNA MOUNT WITH SIDE BRACKET DETAIL (3 / L-3)

22X34 SCALE: 1/2"=1'-0"
11X17 SCALE: 1/4"=1'-0"

0 1'-0" 2'-0" 4'-0" 6'-0"

NOTES:
1. CONFIRM DOWNTILT REQUIREMENTS (IF ANY) AND AZIMUTH SPECIFICATIONS WITH VERIZON WIRELESS RF ENGINEER AT TIME OF CONSTRUCTION.
2. MOUNT SHALL BE INSTALLED IN SUCH A WAY TO ENSURE PLUMB INSTALLATION OF POLE TOP EXTENSION AND ALL ANTENNAS.
3. UTILITY POLE APPURTENANCES NOT SHOWN FOR CLARITY.



NOTE"
UILITY POLE APPURTENANCES NOT SHOWN FOR CLARITY.

ANCILLARY EQUIPMENT MOUNTING BRACKET MOUNT DETAIL (4 / L-3)

22X34 SCALE: 1/2"=1'-0"
11X17 SCALE: 1/4"=1'-0"

0 1'-0" 2'-0" 4'-0" 6'-0"

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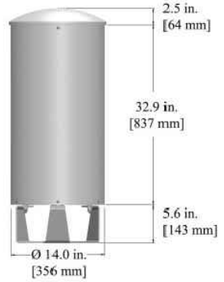
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NEW HAVEN COUNTY

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5000220572

SHEET TITLE:
ANTENNA ORIENTATION PLAN & MOUNTING DETAILS

SHEET NUMBER:
L-3



SMALL CELL "CANTENNA"	
MODEL:	JMA MODEL# CX14OMI236-1C
DIMENSIONS:	14.0"±ø X 35.4"±H
WEIGHT:	35± LBS
QUANTITY:	TOTAL OF 1

TYPICAL "CANTENNA" SPECIFICATIONS (1 / L-4)
SCALE: N.T.S.

1ø, 3W, 100A, 120/240 V AC POWER TRANSFER LOAD CENTER IN NEMA 3R OUTDOOR ENCLOSURE											
CKT #	1	2	3	4	5	6	7	8	9	10	11	12
DESCRIPTION	MAIN BREAKER		SURGE ARRESTOR		POWER DISTRIBUTION UNIT		RRH		RRH		BLANK	BLANK
AMP	100		20		20		20		20		–	–

ELECTRICAL LOAD CENTER PANEL SCHEDULE (5 / L-4)
SCALE: N.T.S.



REMOTE RADIO HEAD UNIT	
MODEL:	SAMSUNG RF4801D-25A
DIMENSIONS:	21.7"±H X 17.3"±W X 7.2"±D
WEIGHT:	87.9± LBS
QUANTITY:	TOTAL OF 1

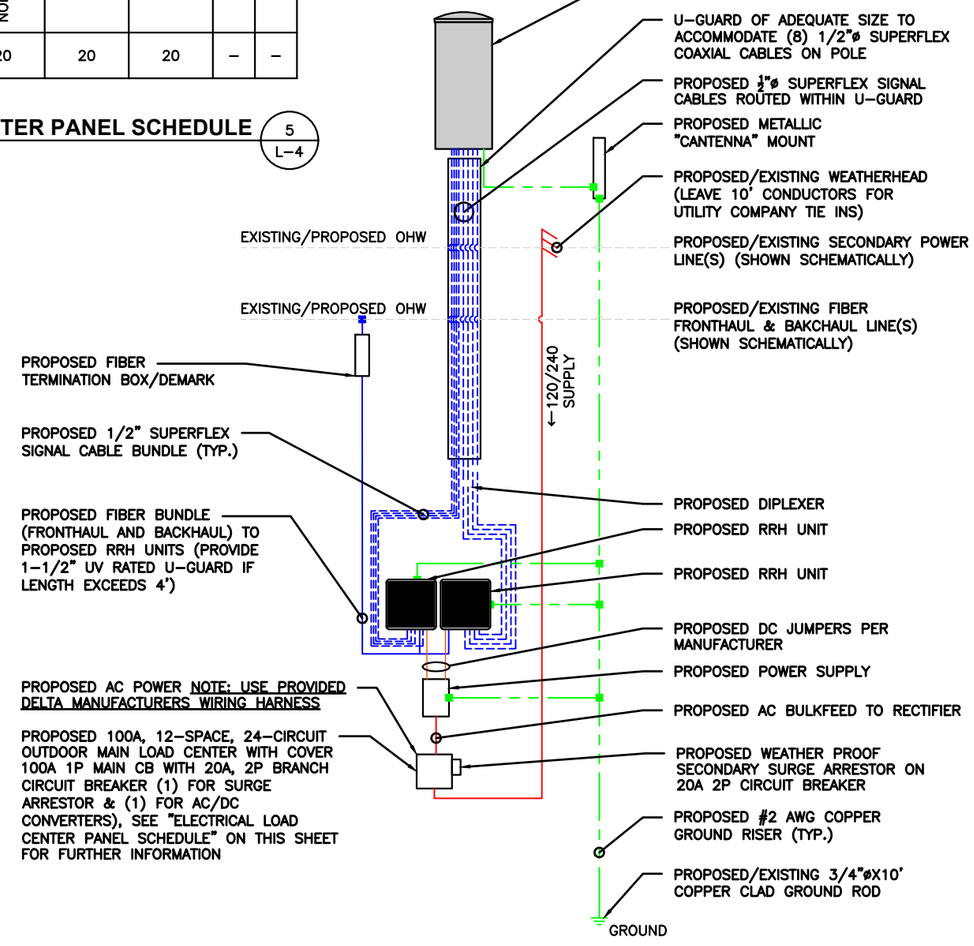
REMOTE RADIO HEAD UNIT	
MODEL:	SAMSUNG RF4423-48B
DIMENSIONS:	11.8"±H X 8.7"±W X 5.0"±D
WEIGHT:	18.73± LBS
QUANTITY:	TOTAL OF 1

TYPICAL REMOTE RADIO HEAD (RRH) UNIT DIMENSION (2 / L-4)
SCALE: N.T.S.



NID BOX	
DIMENSIONS:	7.7"±H X 7.7"±W X 4.2"±D
WEIGHT:	N/A
QUANTITY:	TOTAL OF 1

TYPICAL NID BOX DIMENSIONS (3 / L-4)
SCALE: N.T.S.



ONE-LINE DIAGRAM NOTES:

1. PROVIDE WEATHER TIGHT SEAL CONNECTORS ON ALL CONNECTIONS EACH SIDE OF ENCLOSURE HOUSING.
2. COORDINATE ANY FURTHER MISCELLANEOUS WIRING AND CONDUIT REQUIREMENTS WITH VERIZON WIRELESS AND ELECTRIC COMPANY.

LEGEND:

BLUE	=	FIBER BUNDLE/JUMPER
RED	=	AC POWER
ORANGE	=	DC POWER
GREEN	=	GROUND
BLUE	=	1/2"ø SUPERFLEX SIGNAL CABLES

FIBER/ELECTRICAL ONE-LINE DIAGRAM (4 / L-4)
SCALE: N.T.S.

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MDG ID:
5000220572

SHEET TITLE:
EQUIPMENT DETAILS & ONE-LINE DIAGRAM

SHEET NUMBER:
L-4

Details of Proposed Small Cell Wireless Facility

In compliance with the Regulations of Connecticut State Agencies § 16-247c-5, the Lease Exhibit, also provided in Attachment 1 includes details of the proposed small cell wireless Facility, the geographic location of the utility pole that will be used, and a schematic of Cellco's proposed pole attachment plan. Antenna(s) will be top or side mounted on the utility pole, as indicated on the Lease Exhibit. Radio and electrical service equipment associated with the antenna(s) will be located on the lower portion of the pole. Power and telephone service to the Facility will be provided as noted in the Lease Exhibit. The design of Cellco's Facility will comply with all applicable National Electrical Safety Code design and construction standards and will meet the requirements of the incumbent electric distribution company and pole owners.

The purpose of the proposed installation is to provide Cellco customers and emergency service providers with enhanced and more reliable wireless, voice and data services near the Facility. Cellco has identified a need for additional coverage and/or capacity relief at this location.