



DISH Wireless L.L.C. SITE ID:

NJJER01348A

DISH Wireless L.L.C. SITE ADDRESS:

**3 SALISBURY POINT
NYACK, NY 10960**

NEW YORK CODE OF COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES

CODE TYPE	CODE
BUILDING	2018 IBC
MECHANICAL	2018 IMC
ELECTRICAL	2017 NEC

SHEET INDEX

SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
Z-1	ABUTTERS MAP
Z-2	OVERALL SITE PLAN
Z-3	ENLARGED BUILDING PLAN
Z-4	ANTENNA PLAN, ELEVATION AND SCHEDULE
Z-5	NORTH AND SOUTH ELEVATION VIEWS
Z-6	EAST AND WEST ELEVATION VIEWS
Z-7	EQUIPMENT DETAILS
Z-8	EQUIPMENT DETAILS
Z-9	EQUIPMENT DETAILS
Z-10	EQUIPMENT DETAILS

SCOPE OF WORK

THIS IS NOT AN ALL INCLUSIVE LIST. CONTRACTOR SHALL UTILIZE SPECIFIED EQUIPMENT PART OR ENGINEER APPROVED EQUIVALENT. CONTRACTOR SHALL VERIFY ALL NEEDED EQUIPMENT TO PROVIDE A FUNCTIONAL SITE. THE PROJECT GENERALLY CONSISTS OF THE FOLLOWING:

- SECTOR SCOPE OF WORK:**
- INSTALL (3) PROPOSED PANEL ANTENNAS (1 PER SECTOR)
 - INSTALL (9) PROPOSED WALL MOUNTS (3 PER SECTOR)
 - INSTALL PROPOSED JUMPERS
 - INSTALL (6) PROPOSED RRU's (2 PER SECTOR)
 - INSTALL (3) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP) (1 PER SECTOR)
 - INSTALL PROPOSED CABLE LADDER TRAY OR CABLE TRAY
 - INSTALL (3) PROPOSED FIBER CABLE
 - INSTALL (3) PROPOSED POWER CABLE

- ROOFTOP SCOPE OF WORK:**
- INSTALL (1) H-FRAME ON EXISTING PLATFORM
 - INSTALL (1) PROPOSED CABLE LADDER TRAY OR CABLE TRAY
 - INSTALL (1) PROPOSED BBU IN CABINET
 - INSTALL (1) PROPOSED EQUIPMENT CABINET
 - INSTALL (1) PROPOSED POWER CONDUIT
 - INSTALL (1) PROPOSED TELCO CONDUIT
 - INSTALL (1) PROPOSED NEMA 3 TELCO-FIBER BOX
 - INSTALL (1) PROPOSED GPS UNIT

SITE PHOTO



UNDERGROUND SERVICE ALERT - NEW YORK 811
UTILITY NOTIFICATION CENTER OF NEW YORK
(800) 272-4480
WWW.NEWYORK-811.COM
CALL 2 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION



GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE, NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

11"x17" PLOT WILL BE HALF SCALE UNLESS OTHERWISE NOTED

CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

SITE INFORMATION

PROPERTY OWNER: SALISBURY PT COOPERATIVE, INC
ADDRESS: 3 WEST MAIN ST STE 205
ELMSFORD, NY 10523

TOWER TYPE: ROOFTOP

TOWER CO SITE ID: N/A

TOWER APP NUMBER: N/A

COUNTY: WESTCHESTER

LATITUDE (NAD 83): 41° 04' 33.6" N
41.076000 N

LONGITUDE (NAD 83): 73° 55' 08.039" W
73.918900 W

ZONING JURISDICTION: CITY OF NYACK

ZONING DISTRICT: SN_HRA (HIGH RISE APARTMENTS)

PARCEL NUMBER: 66.78-1-27

OCCUPANCY GROUP: U

CONSTRUCTION TYPE: II-B

POWER COMPANY: CON-ED

TELEPHONE COMPANY: CABLE VISION

PROJECT DIRECTORY

APPLICANT: DISH Wireless L.L.C.
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

BUILDING OWNER: SALISBURY PT COOPERATIVE, INC
3 WEST MAIN ST STE 205
ELMSFORD, NY 10523

SITE DESIGNER: AIROSMITH ENGINEERING
SARATOGA SPRINGS, NY 12866
(518) 306-1711

SITE ACQUISITION: STEPHANIE FIGUEROA
stephanie.figueroa@dish.com

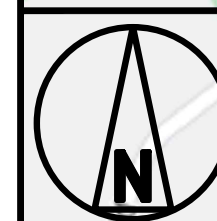
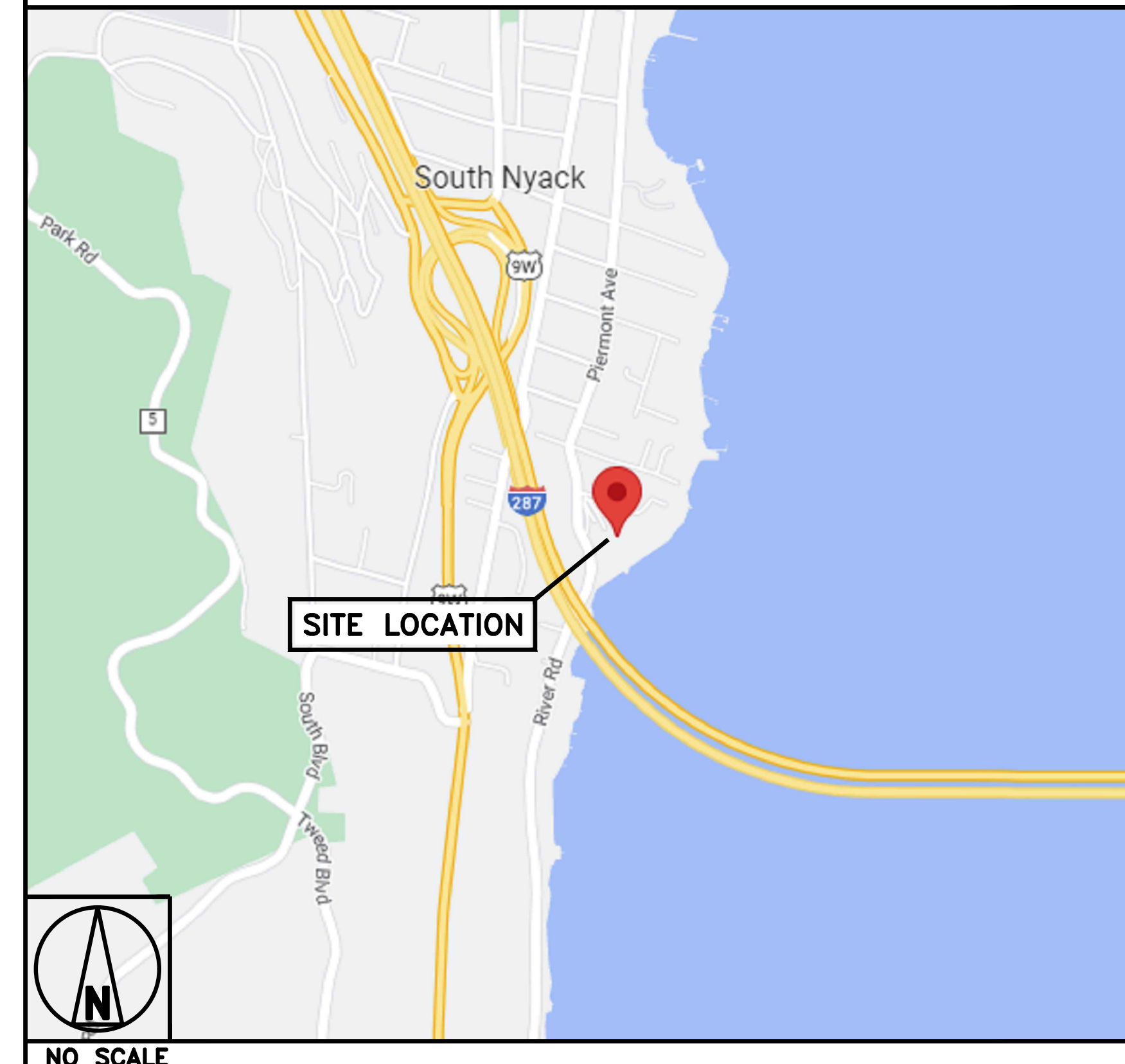
CONSTRUCTION MANAGER: OMAR ZEERBAN
omar.zeerban@dish.com

RF ENGINEER: VAISHNAVI VAJJE
vaishnavi.vajje@gish.com

DIRECTIONS

DIRECTIONS FROM DISH Wireless L.L.C. OFFICE AT 3 ADP BLVD, ROSELAND, NJ:
HEAD NORTHEAST ON ADP BLVD TOWARD CHOCTAW WAY. TURN RIGHT ONTO CHOCTAW WAY. USE THE RIGHT LANE TO TURN RIGHT ONTO LIVINGSTON AVE. USE THE RIGHT LANE TO MERGE ONTO I-280 W VIA THE RAMP TO PARSIPPANY. MERGE ONTO I-280 W. TAKE THE I-287 EXIT TOWARD US-46/MAHWAH/MORRISTOWN. KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR I-287 N AND MERGE ONTO I-287 N. TAKE THE I-87 S/NEW YORK STATE THRUWAY/I-287 EXIT TOWARD GOV MARIO M. CUOMO BR/NEW YORK CITY. MERGE ONTO I-287 E/I-87 S. TAKE EXIT 11 TOWARD US-9W/NYACK/SOUTH NYACK. TURN LEFT ONTO NY-59 E. TURN RIGHT ONTO KILBY ST. TURN LEFT ONTO UPPER DEPEW AVE. TURN RIGHT ONTO S HIGHLAND AVE. CONTINUE ONTO HILLSIDE AVE. TURN LEFT ONTO S FRANKLIN ST. TURN RIGHT ONTO CLINTON AVE. TURN RIGHT ONTO PIERMONT AVE. TURN LEFT ONTO SALISBURY PL. TURN RIGHT TOWARD SALISBURY PT. TURN LEFT ONTO SALISBURY PT.

VICINITY MAP



NO SCALE



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



AIROSMITH DEVELOPMENT
AIROSMITH ENGINEERING
318 WEST AVE.
SARATOGA SPRINGS, NY 12866

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

DRAWN BY:	CHECKED BY:	APPROVED BY:
JLM	JLM	ASW

RFDS REV #: N/A

ZONING DOCUMENTS

SUBMITTALS		
REV	DATE	DESCRIPTION
A	12/28/2022	ISSUED FOR REVIEW
B	01/05/2023	REVISED PER COMMENTS
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3 SALISBURY POINT
NYACK, NY 10960

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

ABUTTERS LIST

- ① LANDS N/F:
SALISBURY POINTE COOPERATIVE, INC.,
66.78-1-28
0.02 ACRES
ZONING: SN_HRA (HIGH RISE APARTMENTS)
- ② LANDS N/F:
ZTIBUG REVOCABLE TRUST
66.78-1-26
0.67 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ③ LANDS N/F:
FRONEK FRANK
66.78-1-25
0.75 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ④ LANDS N/F:
PUTTER BERNARD J
66.78-1-14
0.62 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑤ LANDS N/F:
SHERMAN GEORGE
66.78-1-24
0.31 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑤ LANDS N/F:
SHERMAN GEORGE
66.78-1-24
0.31 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑥ LANDS N/F:
BERRY GEORGE J
66.78-1-23
0.39 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑦ LANDS N/F:
GOLDSTEIN ROBYN A
66.78-1-22
0.79 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑧ LANDS N/F:
GELES KENNETH G
66.78-1-21
0.30 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑨ LANDS N/F:
PILLA SUSAN J
66.78-1-20
0.38 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑩ LANDS N/F:
VILLAGE OF S. NYACK
66.78-1-30
0.03 ACRES
ZONING: SN_RG-A
(GENERAL RESIDENTIAL AND APARTMENTS)
- ⑪ 292 PIERMONT LLC
66.78-1-29
3.30 ACRES
ZONING: SN_RG-A
(GENERAL RESIDENTIAL AND APARTMENTS)
- ⑫ 66.78-1-3.4/1
66.78-1-3.4/2
66.78-1-3.4
0.28 ACRES
ZONING: SN_RG-A
(GENERAL RESIDENTIAL AND APARTMENTS)
- ⑬ LANDS N/F:
DASH KATHLEEN A
66.78-1-19
0.35 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑭ LANDS N/F:
ANGAROLA MICHAEL J
66.78-1-18
0.29 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑮ LANDS N/F:
SCHWINN TOM F
66.78-1-17
0.23 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑯ LANDS N/F:
TOMASETTE BRIAN
66.78-1-16
0.41 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)
- ⑰ LANDS N/F:
ROTHSCHILD BRADLEY 66.78-1-15
0.59 ACRES
ZONING: SN_R-12 (SINGLE FAMILY RESIDENCE)

NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



AIROSMITH DEVELOPMENT
AIROSMITH ENGINEERING
318 WEST AVE.
SARATOGA SPRINGS, NY 12866

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DRAWN BY:	CHECKED BY:	APPROVED BY:
JLM	JLM	ASW

RFDS REV #: N/A

ZONING DOCUMENTS

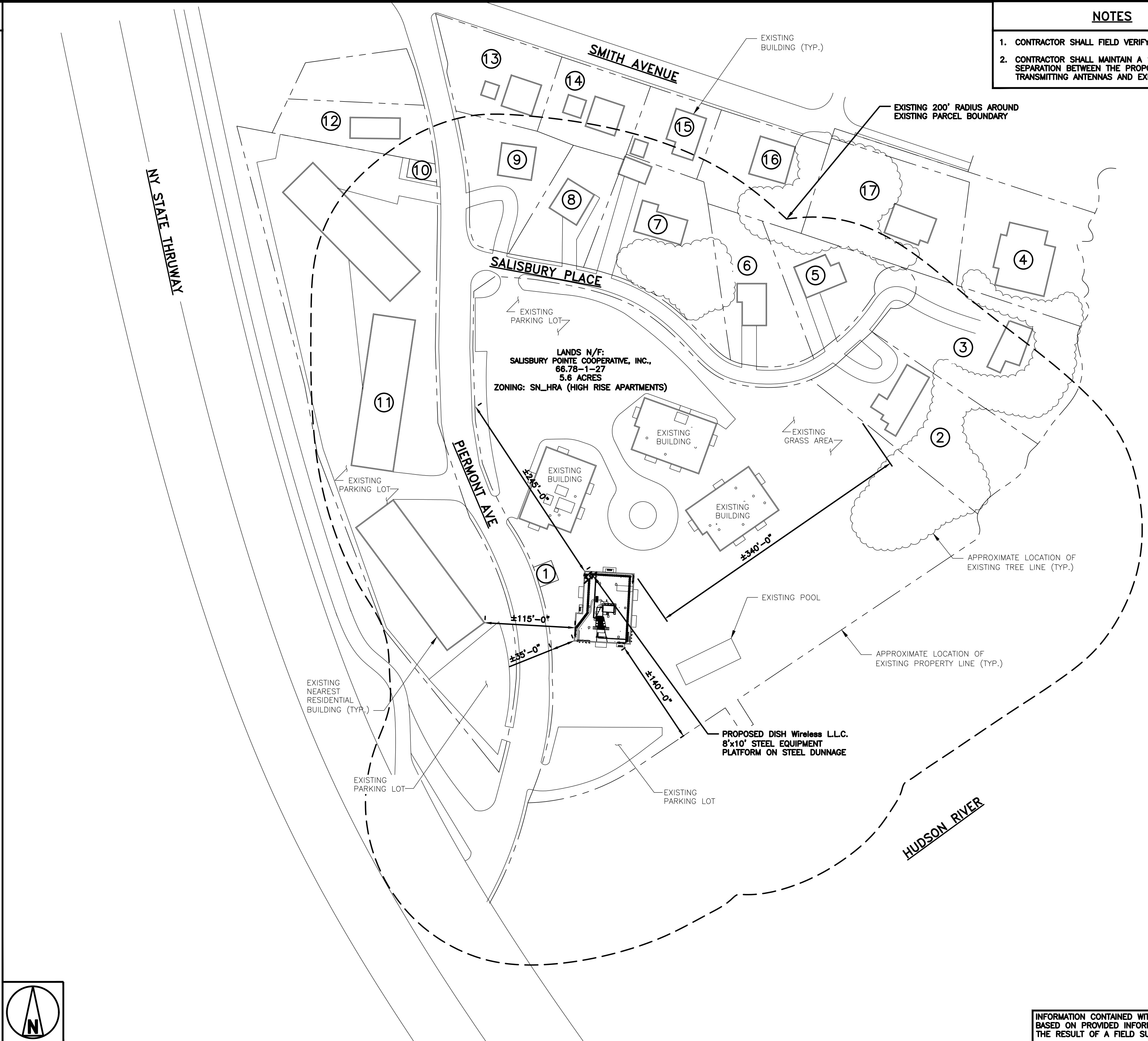
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NYACK, NY 10960

SHEET TITLE
ABUTTERS
MAP

SHEET NUMBER
Z-1



ABUTTERS MAP

INFORMATION CONTAINED WITHIN DRAWINGS IS BASED ON PROVIDED INFORMATION, AND IS NOT THE RESULT OF A FIELD SURVEY.

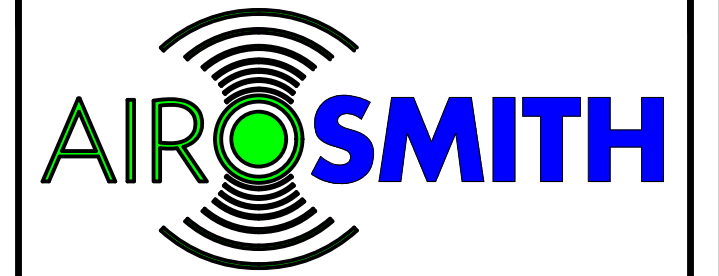
40' 20' 0 40' 80'
1"=40'

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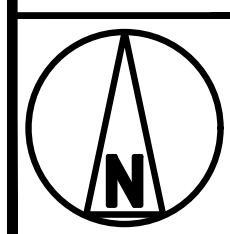
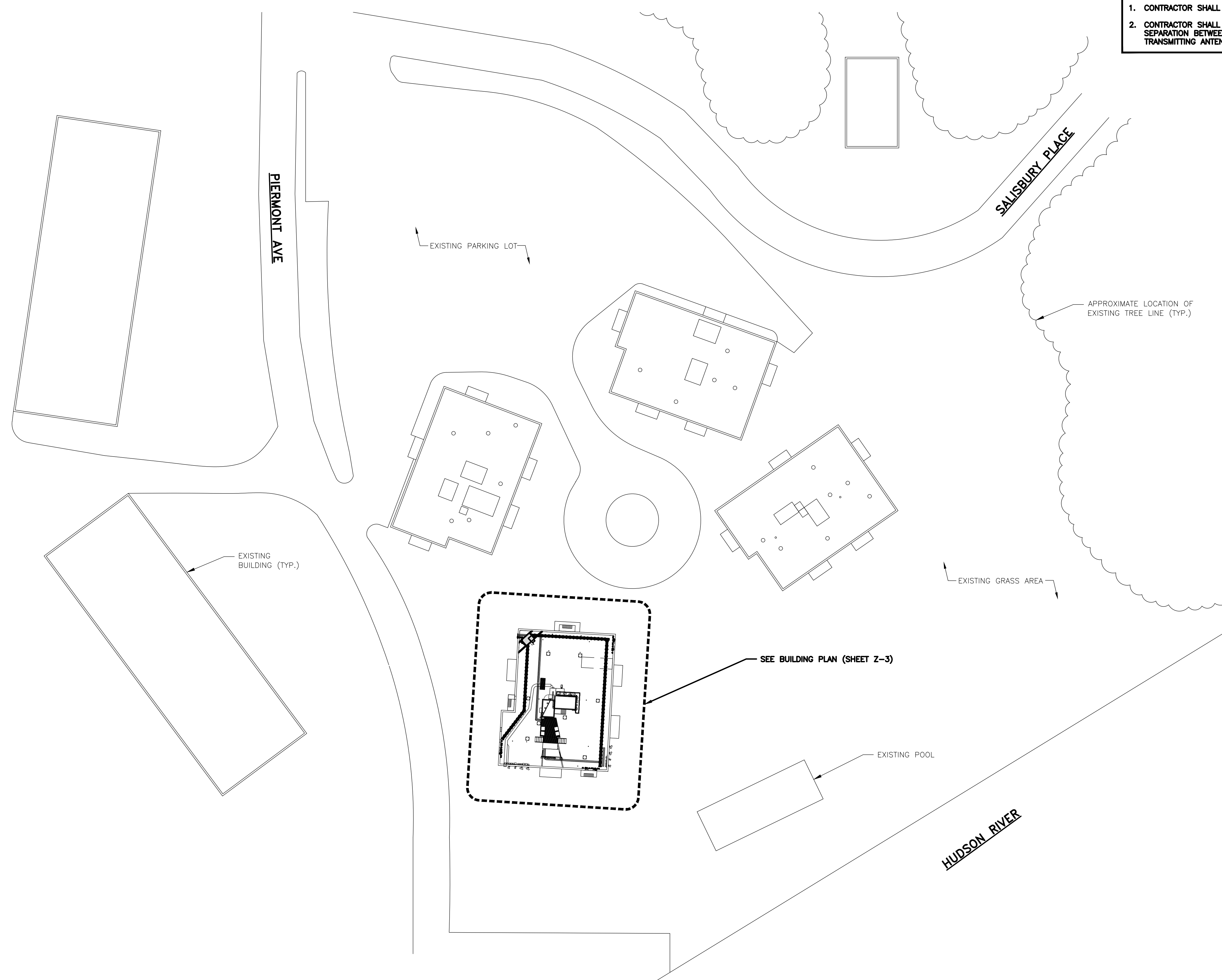
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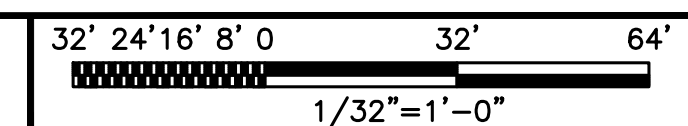
SHEET TITLE
OVERALL
SITE PLAN

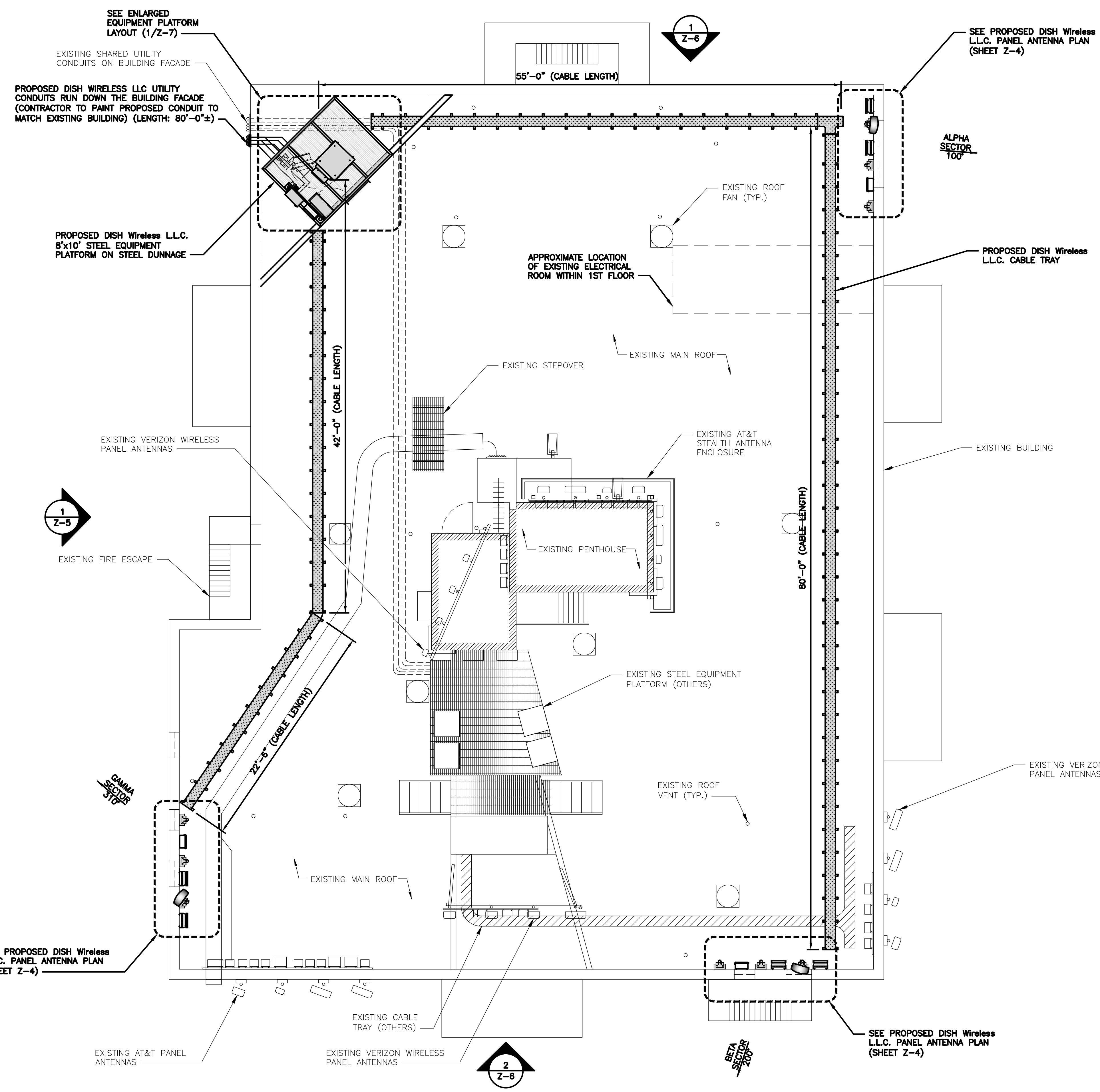
SHEET NUMBER

Z-2



OVERALL SITE PLAN





- NOTES**
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 2. CONTRACTOR SHALL MAINTAIN A 10"-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.
 3. CONTRACTOR TO VERIFY WITH DISH Wireless L.L.C. C.M. THE LOCATION OF THE POWER AND FIBER SOURCE PRIOR TO CONSTRUCTION.
 4. UTILITY RUBBER MAT TO BE IN STALLED UNDER ALL DISH Wireless L.L.C. EQUIPMENT THAT IS RESTING ON OR AFFIXED TO ROOF MEMBRANE



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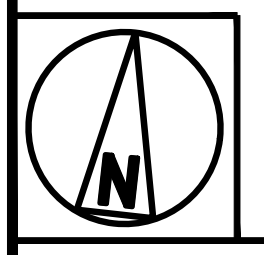
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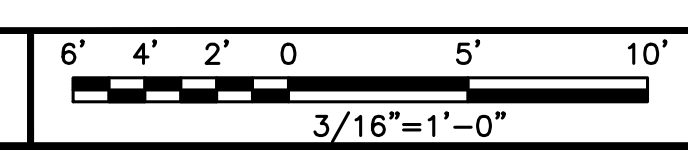
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SHEET TITLE
ENLARGED BUILDING PLAN

SHEET NUMBER
Z-3



ENLARGED BUILDING PLAN

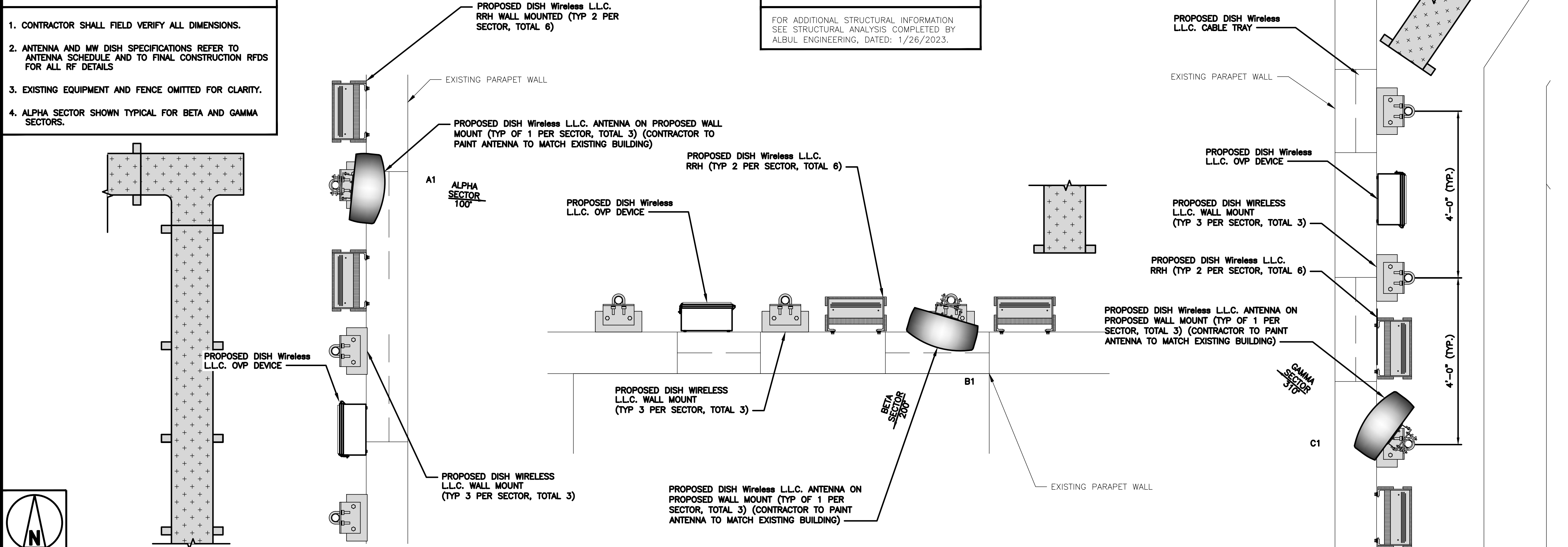


NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNA AND MW DISH SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS
3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.
4. ALPHA SECTOR SHOWN TYPICAL FOR BETA AND GAMMA SECTORS.

STRUCTURAL NOTE

FOR ADDITIONAL STRUCTURAL INFORMATION SEE STRUCTURAL ANALYSIS COMPLETED BY ALBUL ENGINEERING, DATED: 1/26/2023.



ANTENNA PLAN (TYPICAL PER SECTOR)



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LITTLETON, CO 80120



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AIROSMITH ENGINEERING
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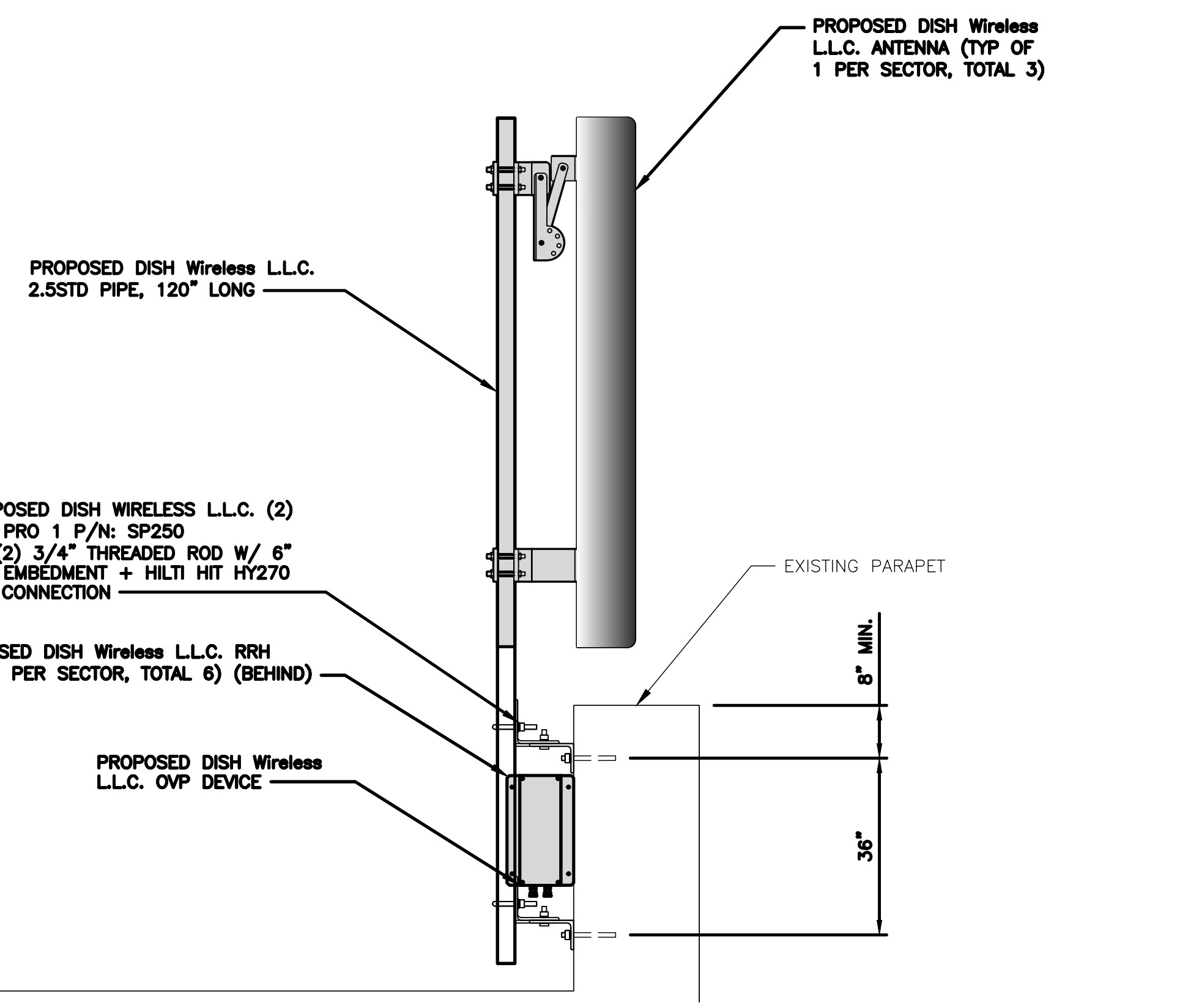
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SHEET TITLE
ANTENNA PLAN,
ELEVATION AND SCHEDULE

SHEET NUMBER
Z-4



ANTENNA ELEVATION

SECTOR POS.	ANTENNA					TRANSMISSION CABLE FEED LINE TYPE AND LENGTH	RRH			OVP MANUFACTURER MODEL
	EXISTING OR PROPOSED	MANUFACTURER - MODEL NUMBER	TECH	AZIMUTH	RAD CENTER		MANUFACTURER - MODEL NUMBER	TECH	POS.	
A1	--	--	--	--	--	(1) POWER (1) FIBER DISCRETE CABLE (60' LONG)	FUJITSU - TA08025-B604	5G	A2	RAYCAP RDIDC-3045 -PF-48
A2	PROPOSED	COMMSCOPE - FFV-65B-R2	5G	100°	73'-0"		FUJITSU - TA08025-B605	5G	A2	
A3	--	--	--	--	--		--	--	--	
B1	--	--	--	--	--	(1) POWER (1) FIBER DISCRETE CABLE (150' LONG)	FUJITSU - TA08025-B604	5G	B2	RAYCAP RDIDC-3045 -PF-48
B2	PROPOSED	COMMSCOPE - FFV-65B-R2	5G	200°	73'-0"		FUJITSU - TA08025-B605	5G	B2	
B3	--	--	--	--	--		--	--	--	
C1	--	--	--	--	--	(1) POWER (1) FIBER DISCRETE CABLE (75' LONG)	FUJITSU - TA08025-B604	5G	C2	RAYCAP RDIDC-3045 -PF-48
C2	PROPOSED	COMMSCOPE - FFV-65B-R2	5G	310°	73'-0"		FUJITSU - TA08025-B605	5G	C2	
C3	--	--	--	--	--		--	--	--	

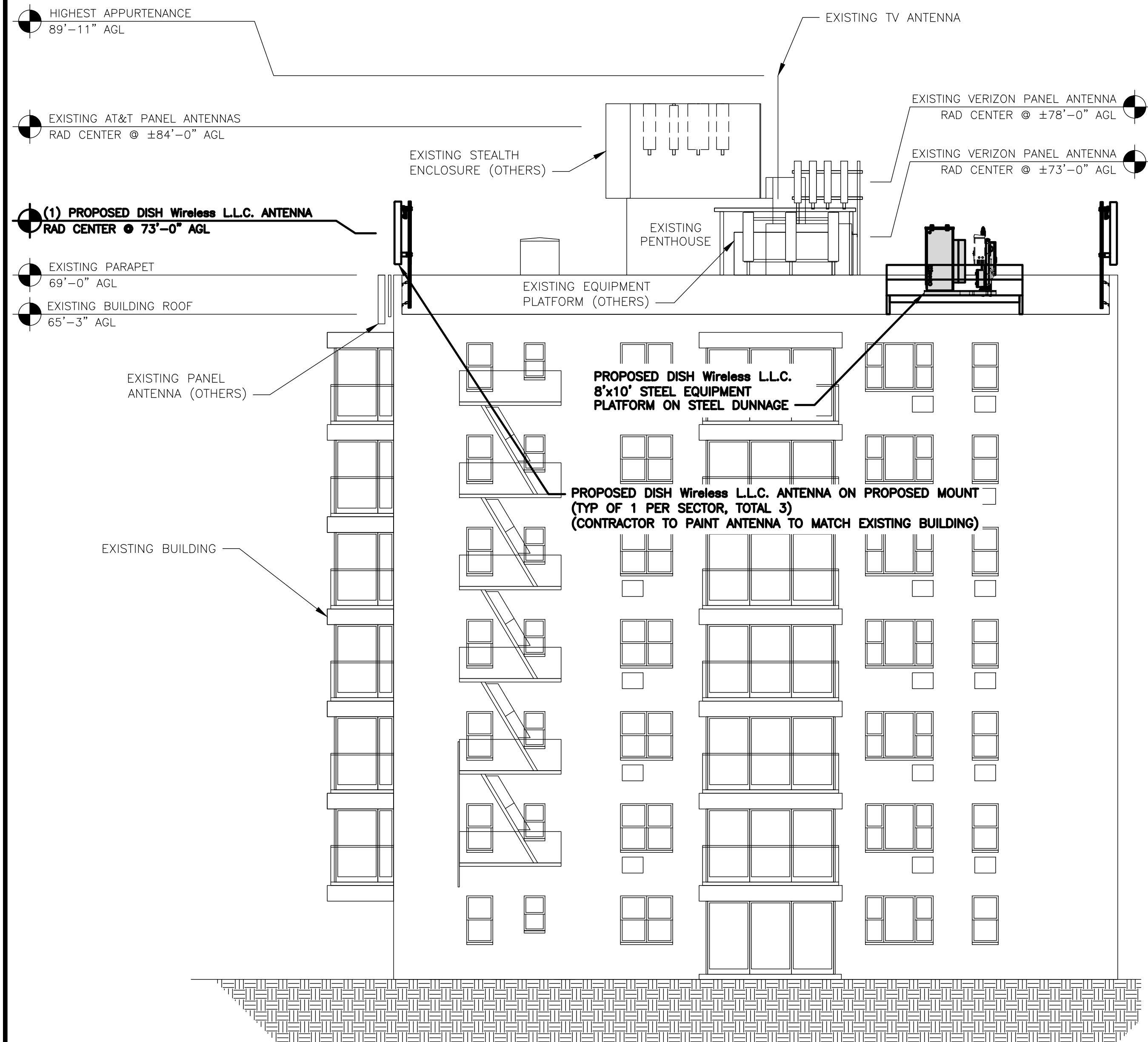
- NOTES**
1. CONTRACTOR TO REFER TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.
 2. ANTENNA AND RRH MODELS MAY CHANGE DUE TO EQUIPMENT AVAILABILITY. ALL EQUIPMENT CHANGES MUST BE APPROVED AND REMAIN IN COMPLIANCE WITH THE PROPOSED DESIGN AND STRUCTURAL ANALYSES.

ANTENNA SCHEDULE

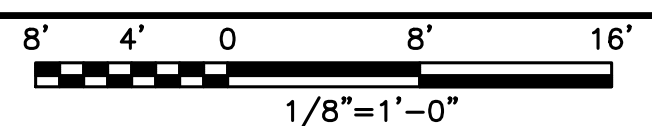
NO SCALE 3

NOTES

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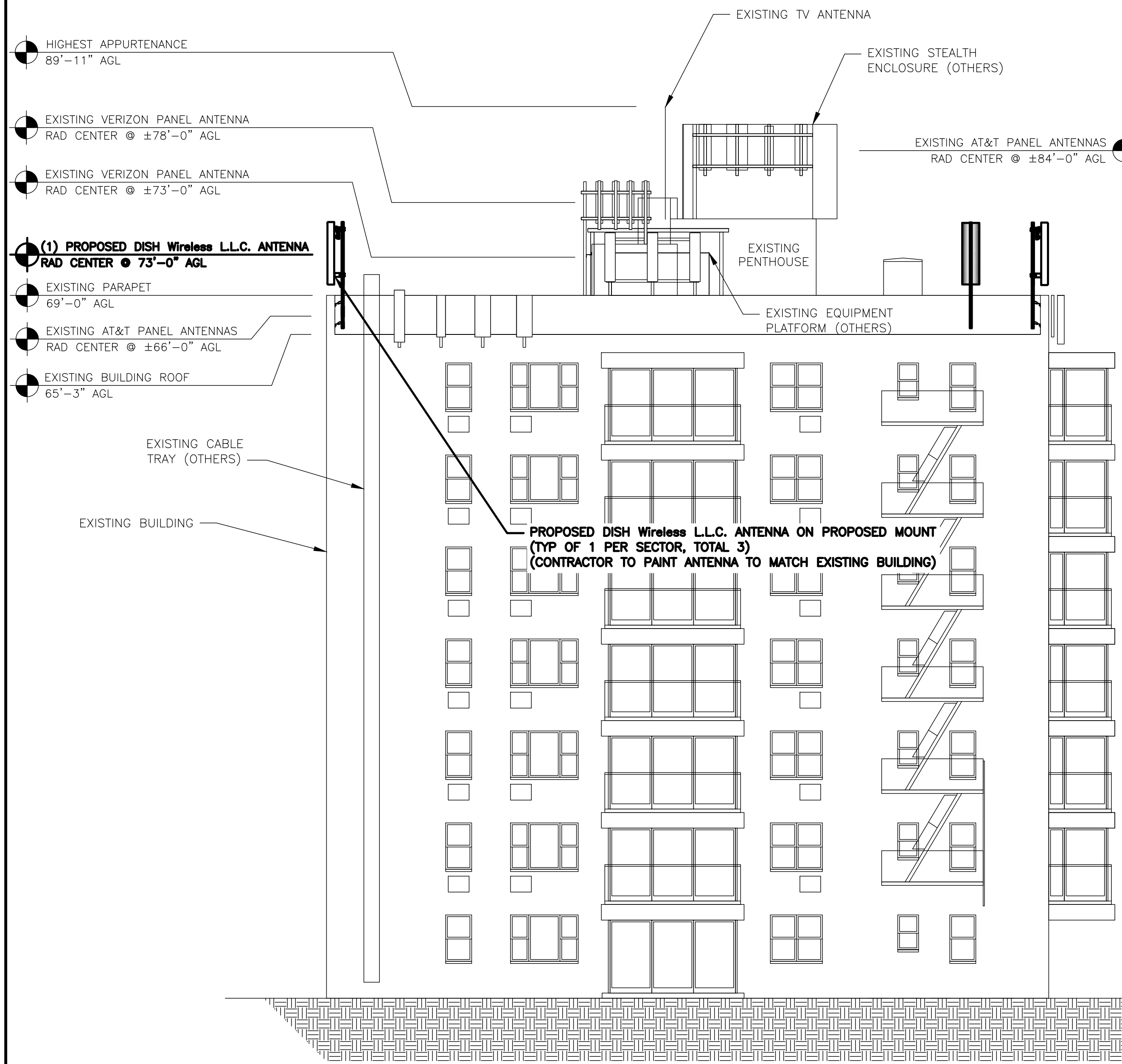
BUILDING NORTH ELEVATION



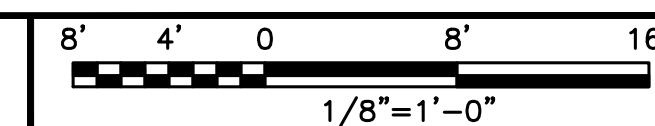
1

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BUILDING SOUTH ELEVATION



2



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



AIROSMITH DEVELOPMENT
AIROSMITH ENGINEERING
318 WEST AVE.
SARATOGA SPRINGS, NY 12866

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RFDS REV #: N/A

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3 SALISBURY POINT
NYACK, NY 10960

SHEET TITLE
NORTH AND SOUTH
ELEVATIONS

SHEET NUMBER
Z-5

NOTES

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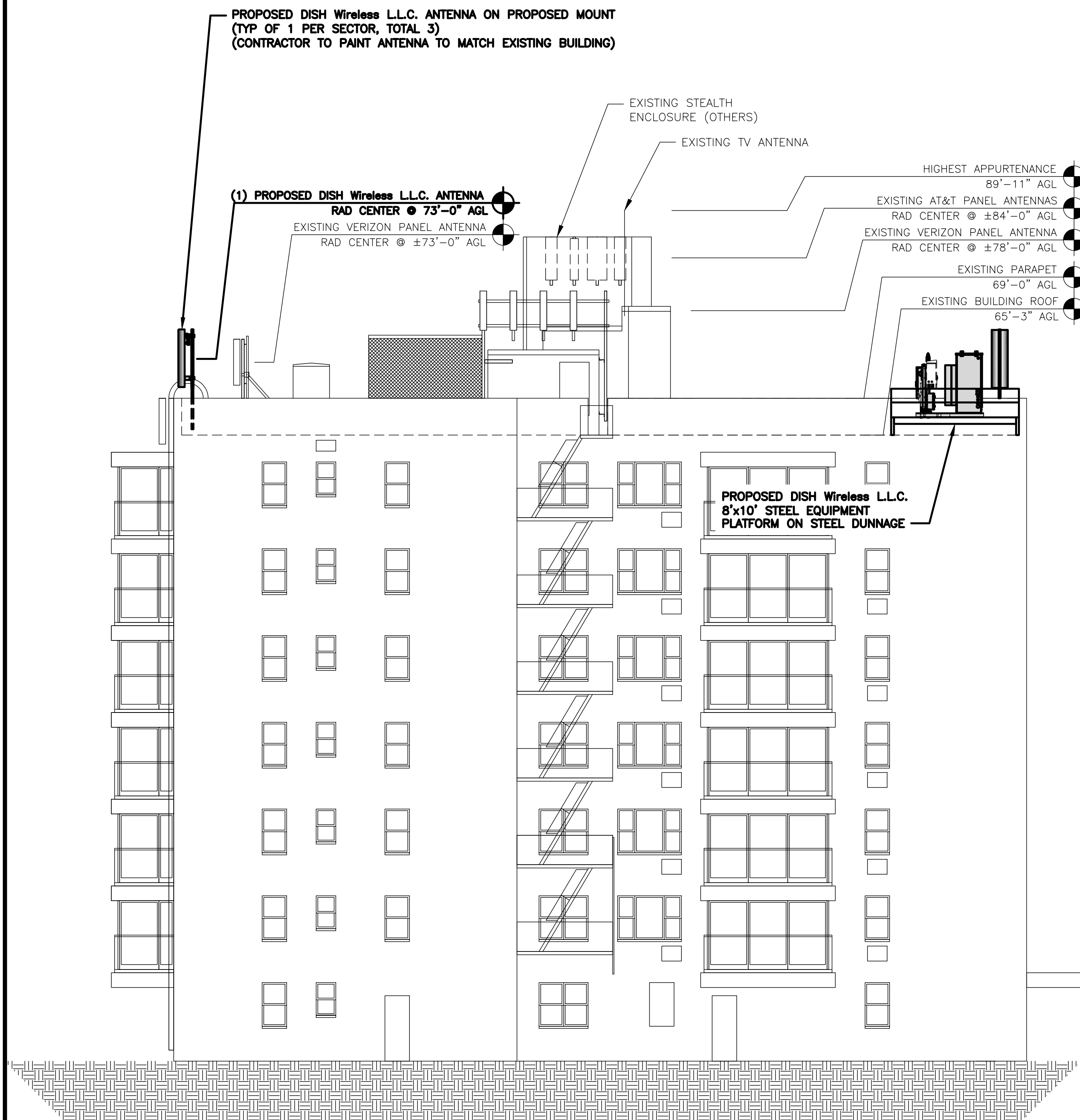
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3 SALISBURY POINT
NYACK, NY 10960

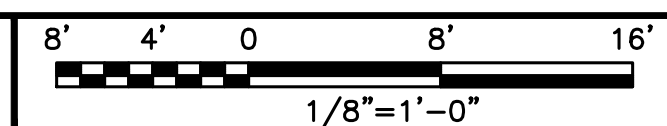
SHEET TITLE
EAST AND WEST
ELEVATIONS

SHEET NUMBER

Z-6



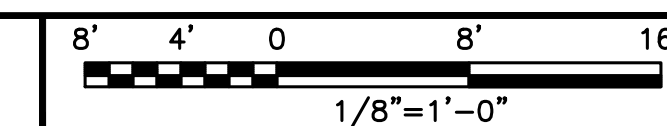
BUILDING EAST ELEVATION



1



BUILDING WEST ELEVATION



2



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



AIROSMITH DEVELOPMENT
AIROSMITH ENGINEERING
318 WEST AVE.
SARATOGA SPRINGS, NY 12866

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DRAWN BY: CHECKED BY: APPROVED BY:
JLM JLM ASW

RFDS REV #: N/A

ZONING DOCUMENTS

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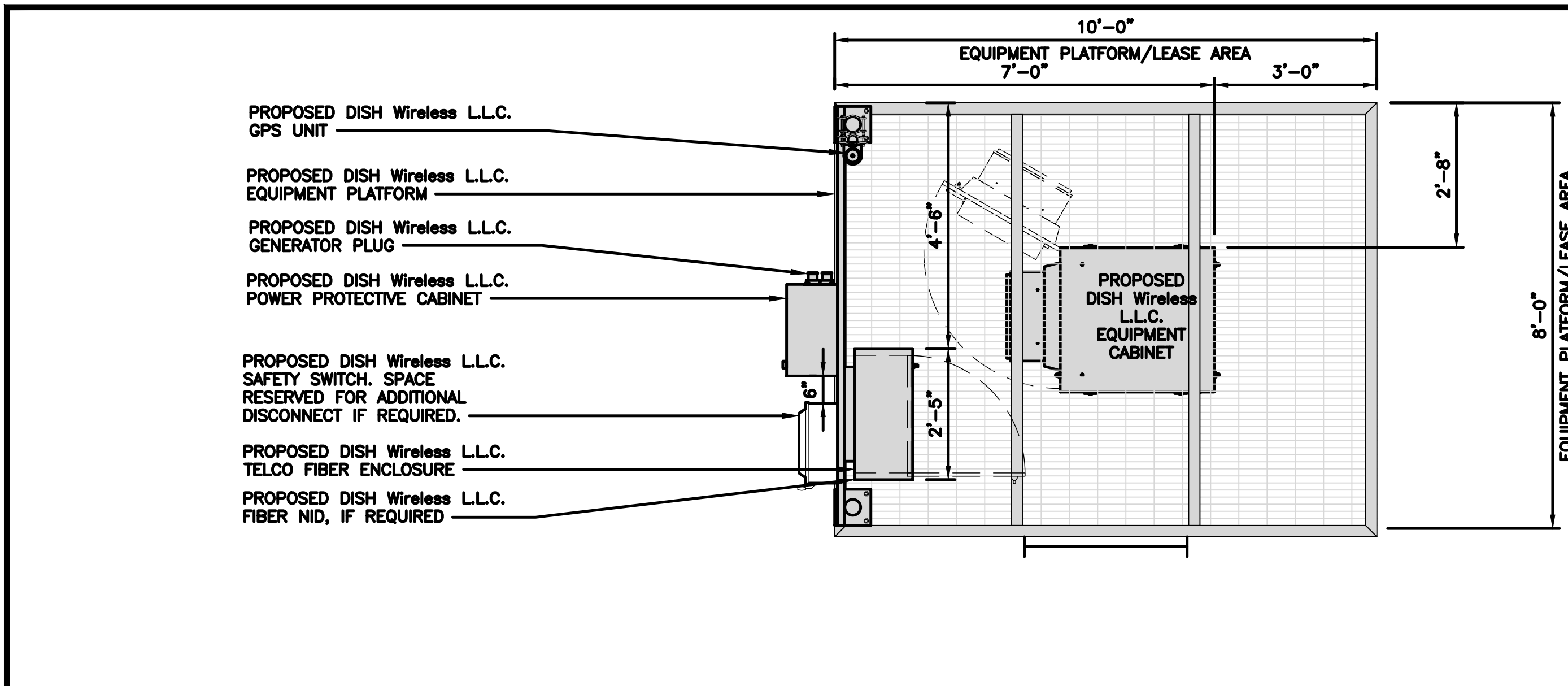
A&E PROJECT NUMBER
NJJER01348B

DISH Wireless L.L.C.
PROJECT INFORMATION
NJJER01348B
3 SALISBURY POINT
NYACK, NY 10960

SHEET TITLE
EQUIPMENT PLATFORM AND
H-FRAME DETAILS

SHEET NUMBER

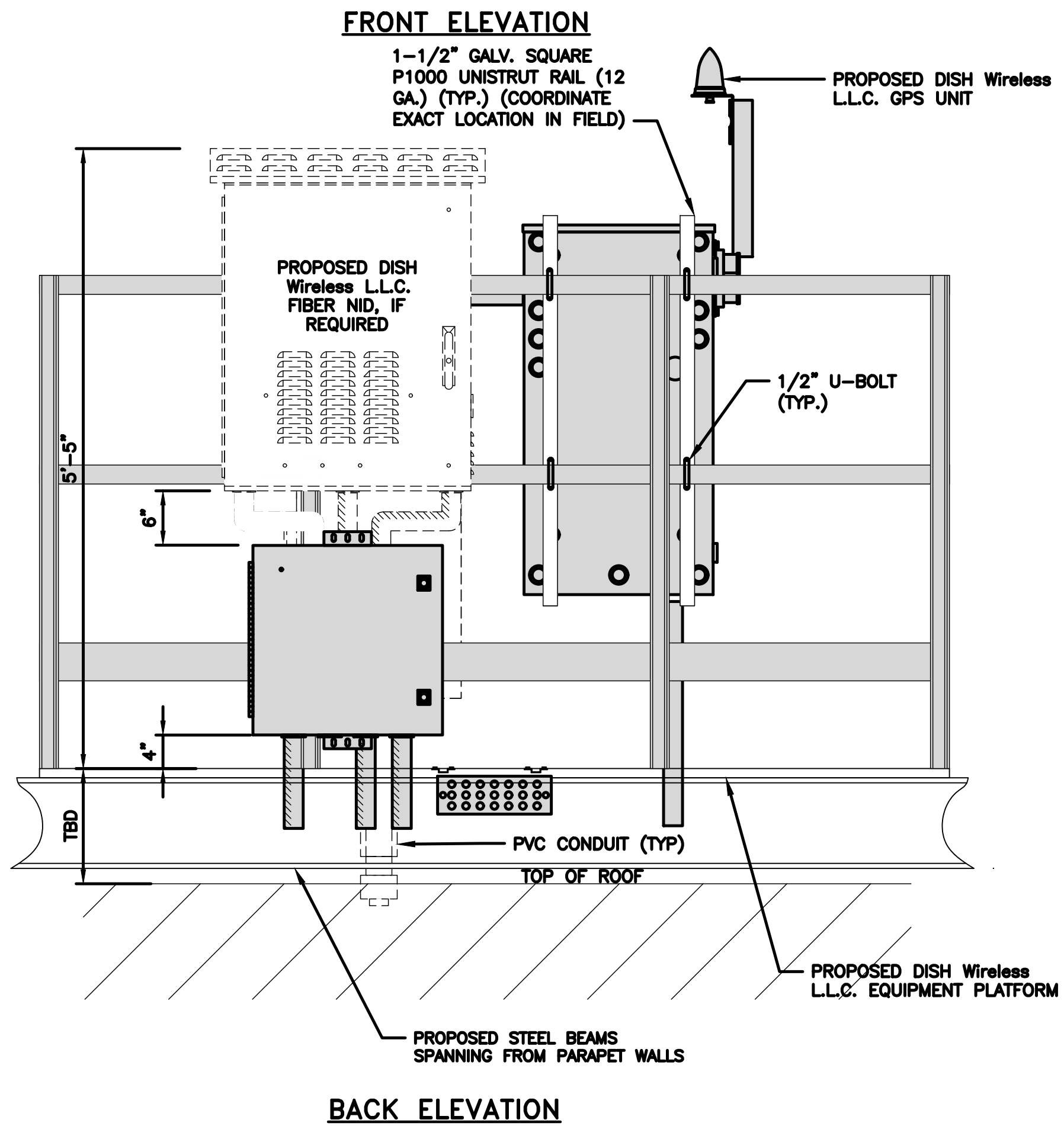
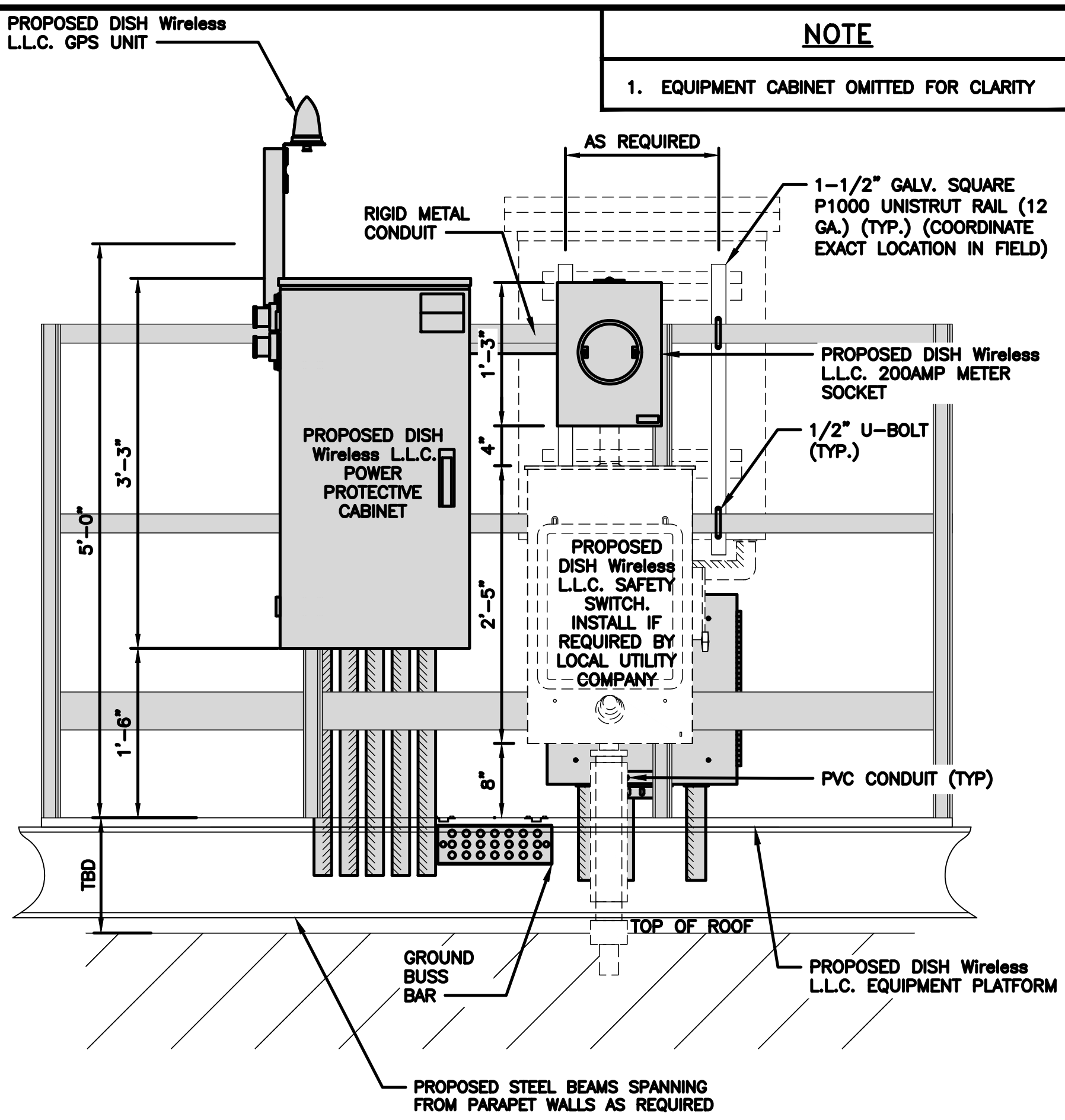
Z-7



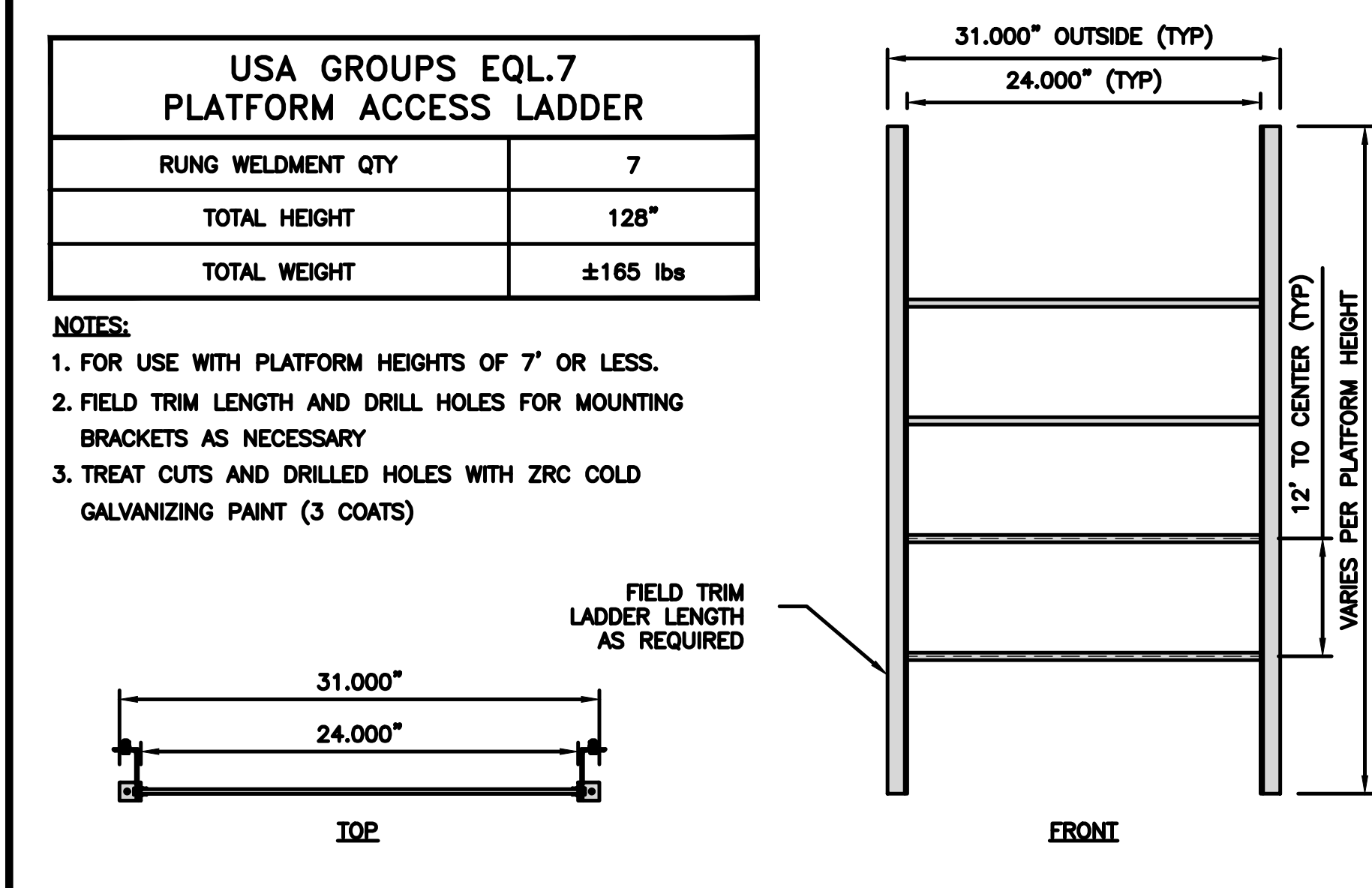
STRUCTURAL NOTE

FOR ADDITIONAL STEEL PLATFORM INFORMATION/DESIGN SEE STRUCTURAL ANALYSIS COMPLETED BY ALBUL ENGINEERING, DATED: 1/26/2023.

NOTE:
ALL PROPOSED DISH WIRELESS, L.L.C. EQUIPMENT TO BE PAINTED TO MATCH EXISTING BUILDING FACADE



PLATFORM EQUIPMENT PLAN 1
12" 9" 6" 3" 0 1' 2'
1"=1'-0"



STEEL PLATFORM LADDER DETAIL NO SCALE 2

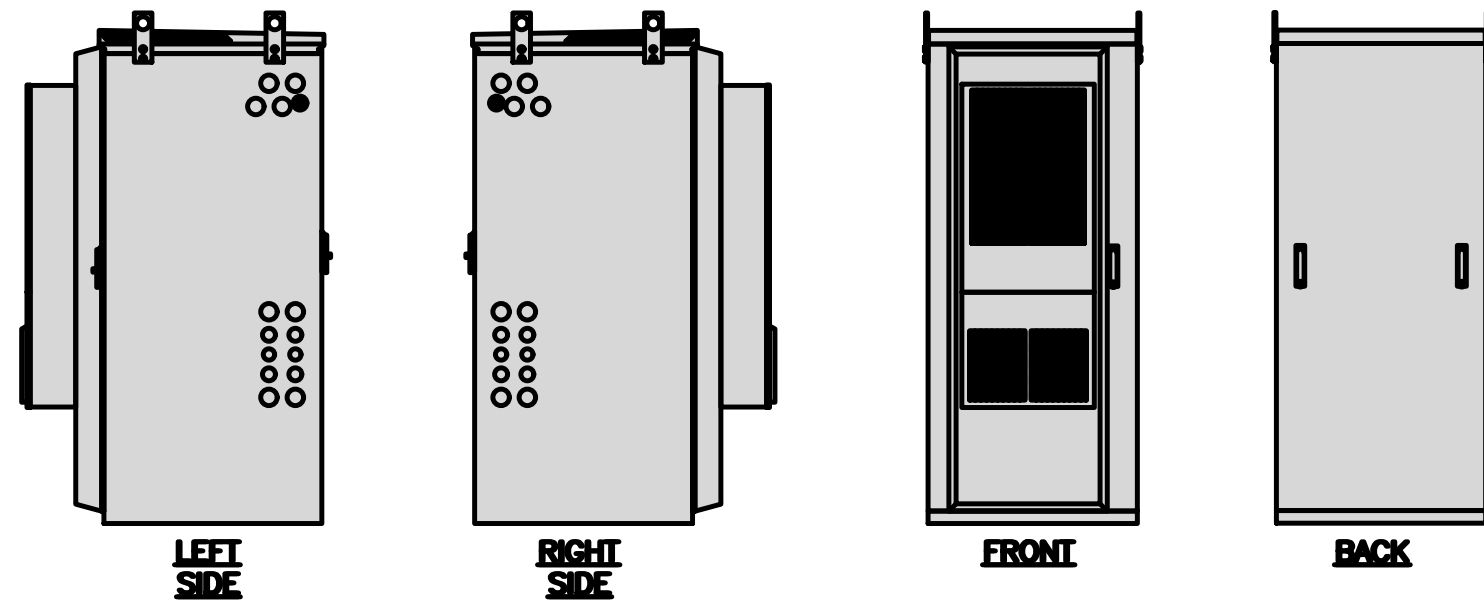
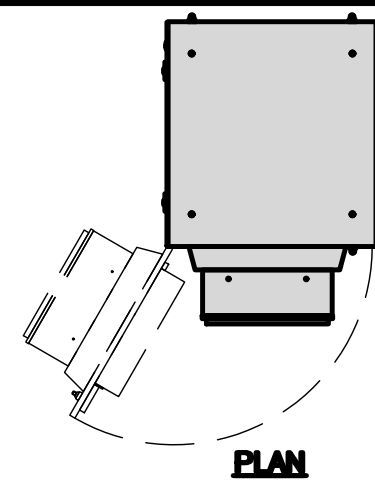
NOT USED NO SCALE 3

NOT USED NO SCALE 4

NOT USED NO SCALE 5

H-FRAME EQUIPMENT ELEVATION 6
12" 9" 6" 3" 0 1' 2'
1"=1'-0"

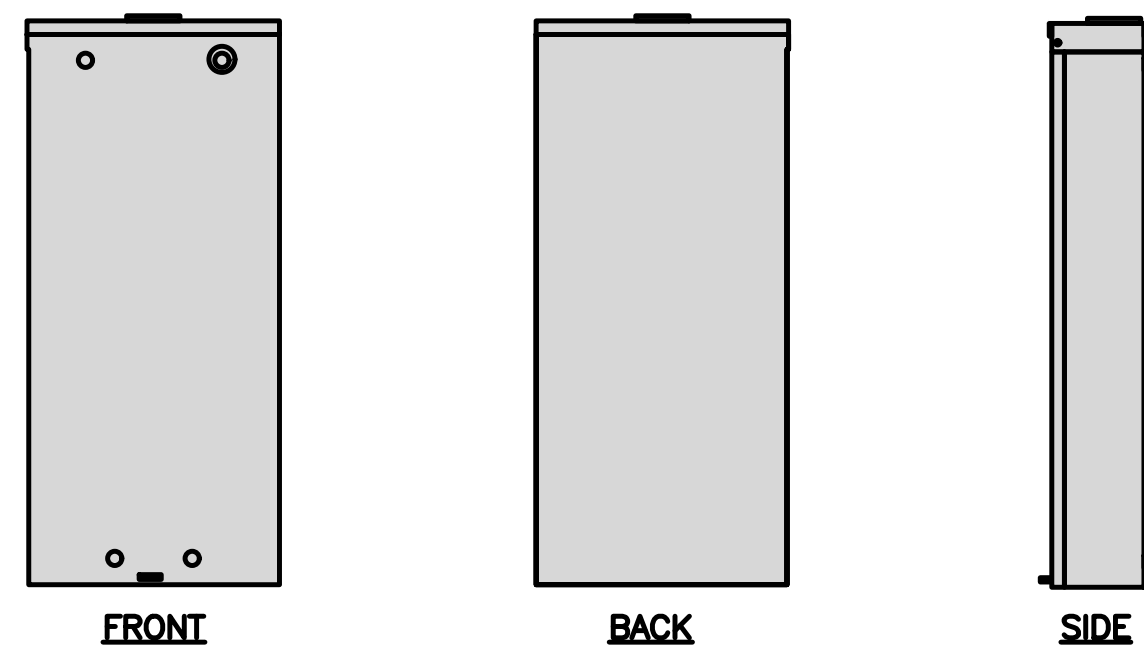
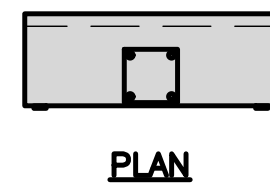
DELTA ELECTRONICS, INC. ESOA600-HCB04 (HEX)	
DIMENSIONS (HxWxD)	75"x32"x32"
WEIGHT (EMPTY)	625 lbs (approx.)



CABINET DETAIL

NO SCALE 1

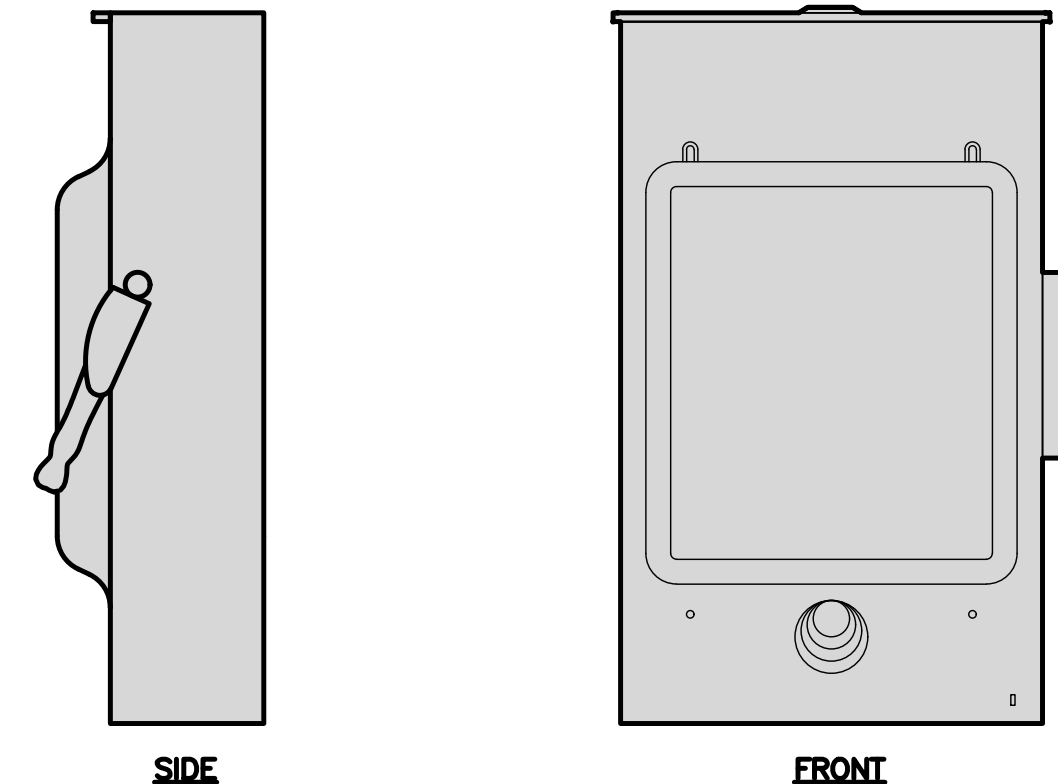
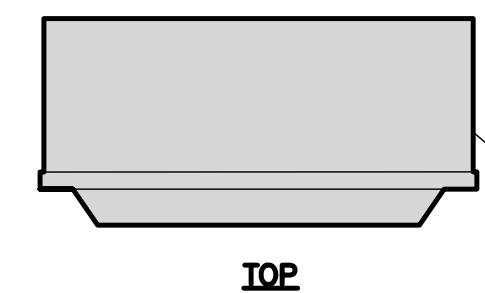
GE BREAKER PANEL TLM1220RUCP	
ENCLOSURE DIM (HxWxD)	29"x13"x5"
TOTAL WEIGHT (EMPTY)	26 LBS
MAX VOLTAGE/MAX AMPS	240V/200A
ENCLOSURE RATING	OUTDOOR NEMA 3R



BREAKER PANEL DETAIL

NO SCALE 2

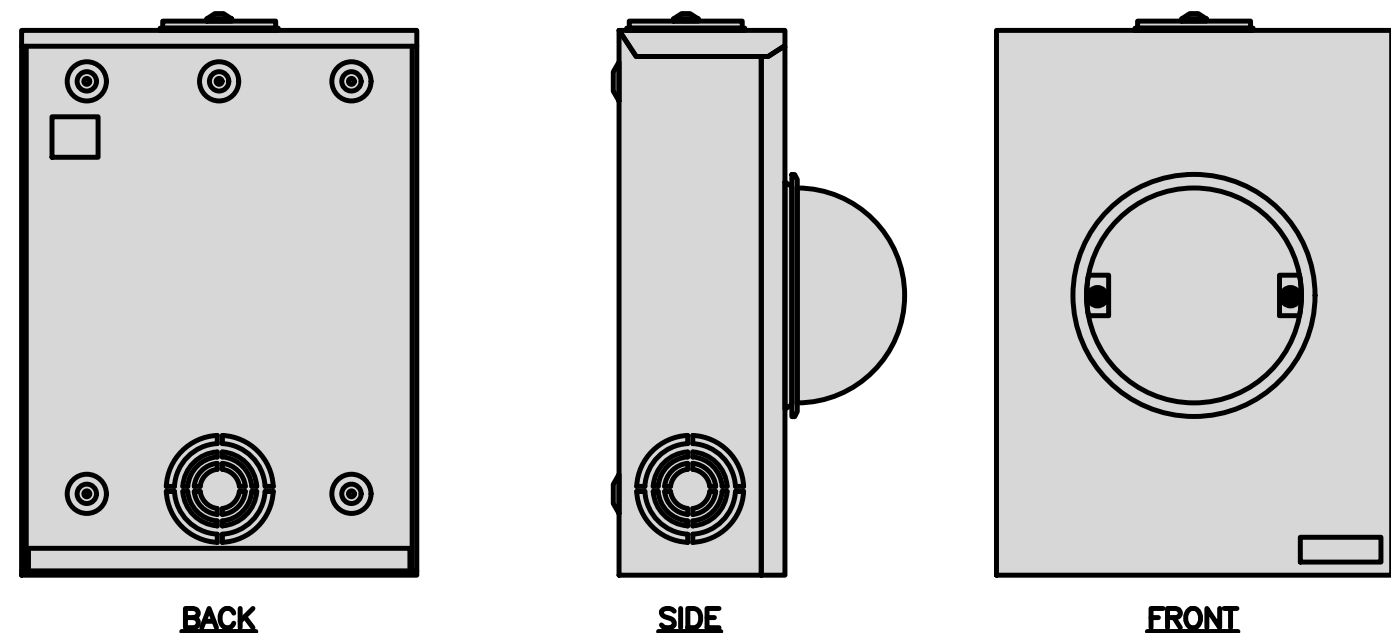
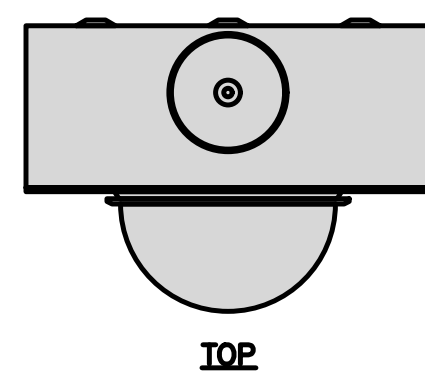
SQUARE D SAFETY SWITCHES D224NRB	
ENCLOSURE DIM (HxWxD)	29.25"x19.00"x8.50"
ENCLOSURE TYPE	NEMA 3R RAINPROOF
UL LISTED	FILE E-2875



SAFETY SWITCH DETAIL

NO SCALE 3

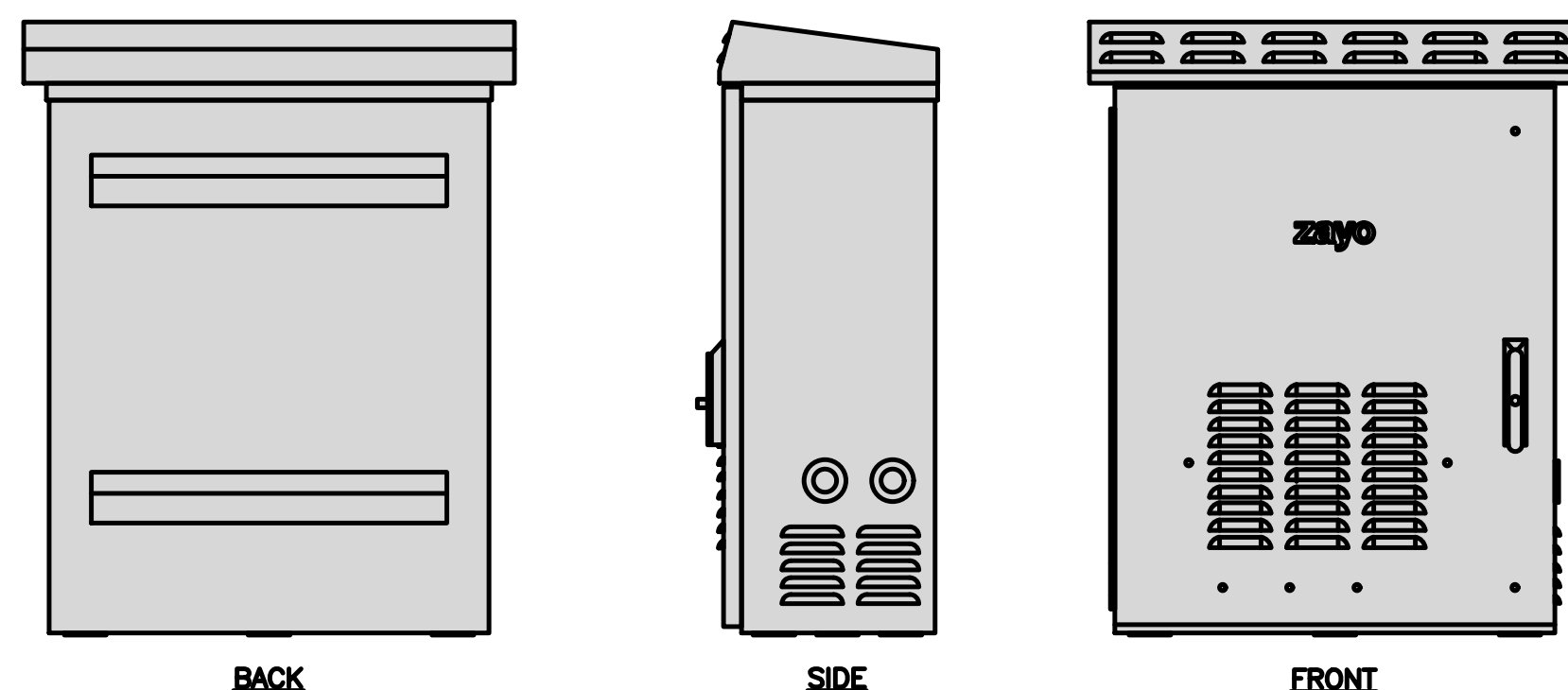
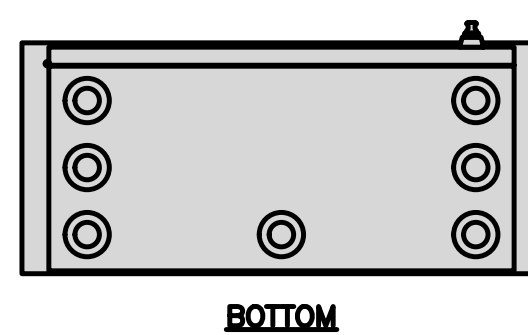
MILBANK METER SOCKET U1854-XL-QC-BLG-LI	
DIMENSIONS (HxWxD)	19"x13"x4-7/8"
TYPE	RING
AMPERAGE RATING	200 CONT. AMP



METER DETAIL

NO SCALE 4

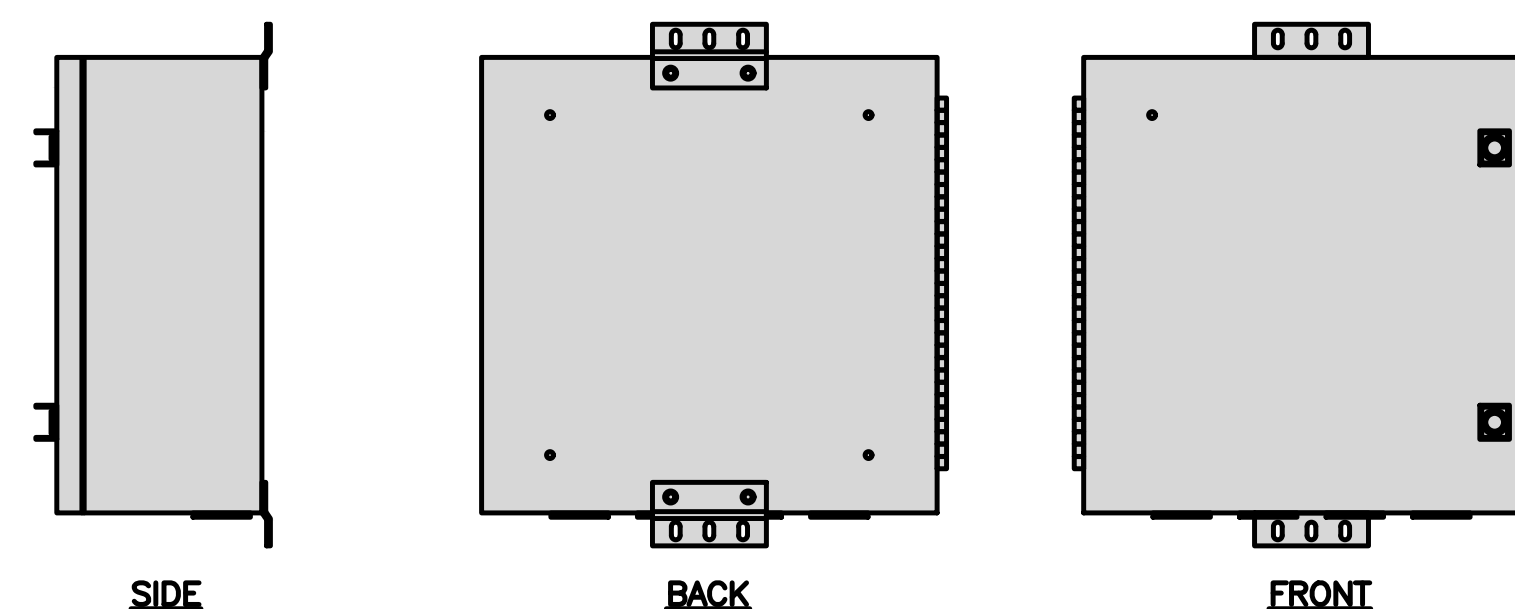
ZAYO 5RU (LEFT SWING DOOR) FIBER NID ENCLOSURE	
DIMENSIONS (HxWxD)	36.1"x29"x12.9"
WEIGHT	85 lbs



FIBER NID ENCLOSURE DETAIL

NO SCALE 5

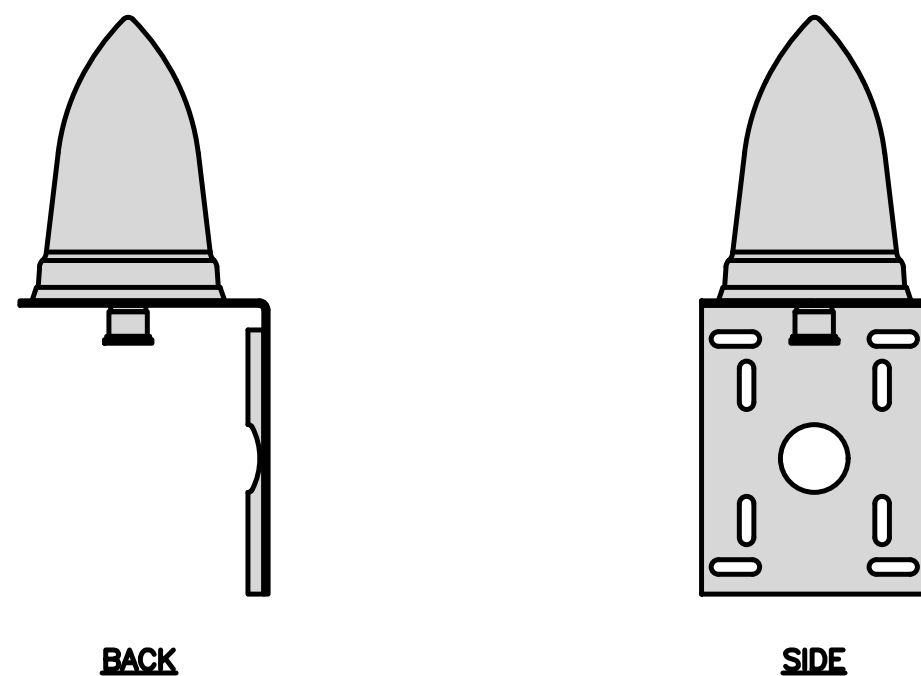
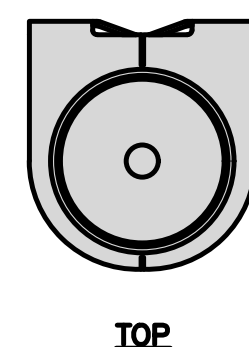
CHARLES CFIT-PF2020DSH1 FIBER TELCO ENCLOSURE	
ENCLOSURE DIMS (HxWxD)	20"x20"x9"
ENCLOSURE WEIGHT	20 lbs
MOUNTING	WALL
COMPLIANCE	TYPE 4



FIBER TELCO ENCLOSURE DETAIL

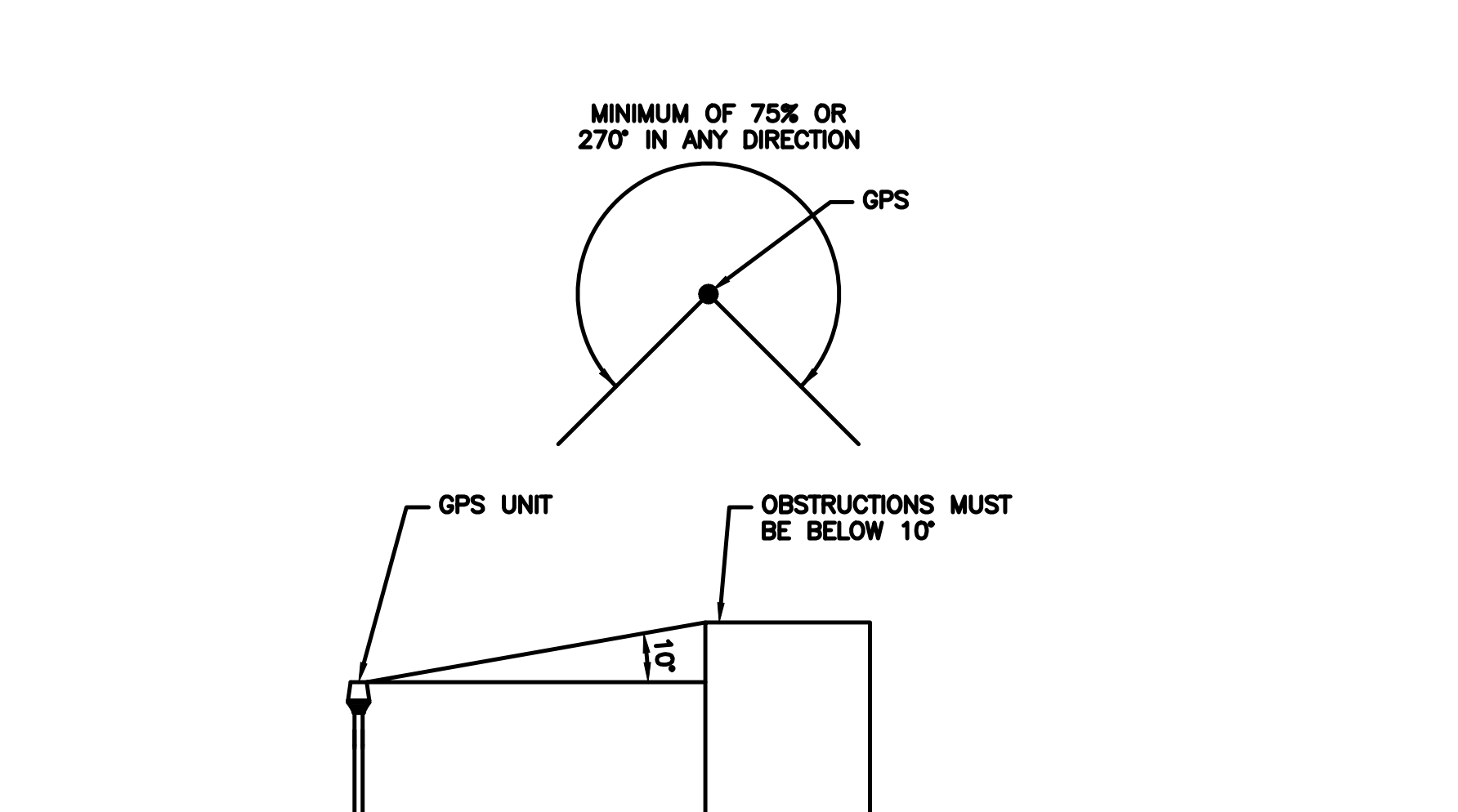
NO SCALE 6

PCTEL GPSGL-TMG-SPI-40NCB	
DIMENSIONS (DIAxH) MM/INCH	81x184mm 3.2"x7.25"
WEIGHT W/ACCESSORIES	075 lbs
CONNECTOR	N-FEMALE
FREQUENCY RANGE	1590 ± 30MHz



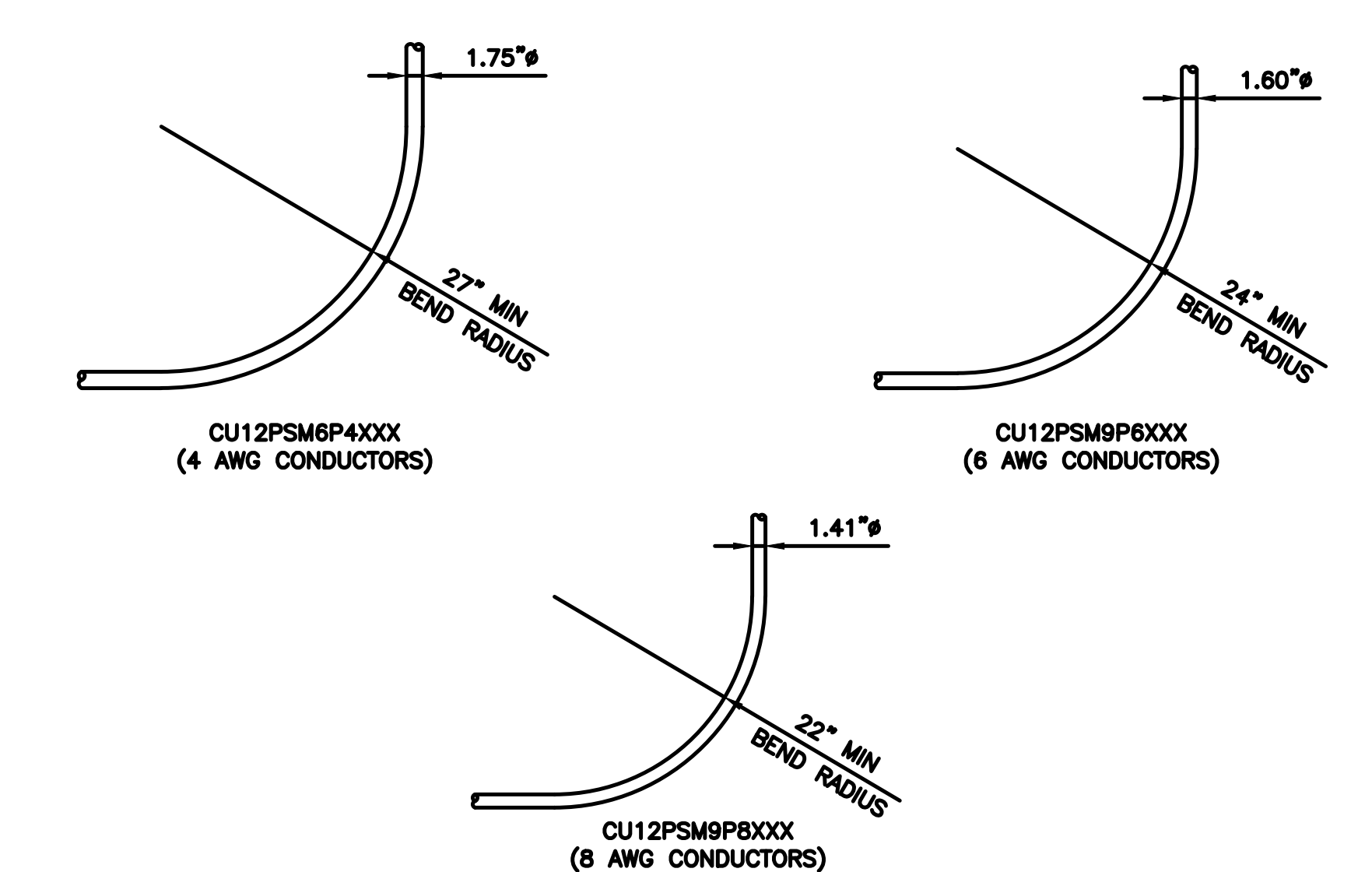
GPS DETAIL

NO SCALE 7



GPS MINIMUM SKY VIEW REQUIREMENTS

NO SCALE 8



CABLES UNLIMITED HYBRID CABLE
MINIMUM BEND RADIUS

NO SCALE 9



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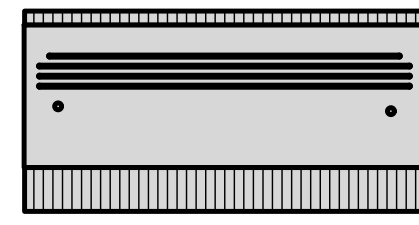
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DISH Wireless L.L.C.
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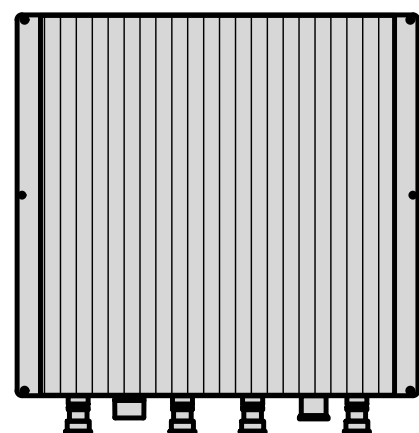
SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER
Z-8

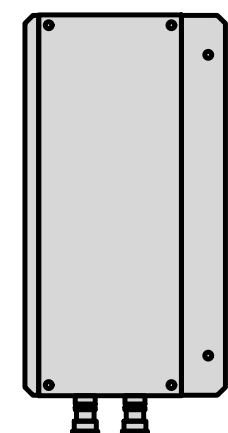
FUJITSU DUAL BAND TA08025-B604	
DIMENSIONS (HxWxD)	14.9"x15.7"x7.8"
WEIGHT	63.9 lbs
CONNECTOR TYPE	4.3-10 RF CONNECTOR
POWER SUPPLY	DC -58~-36V



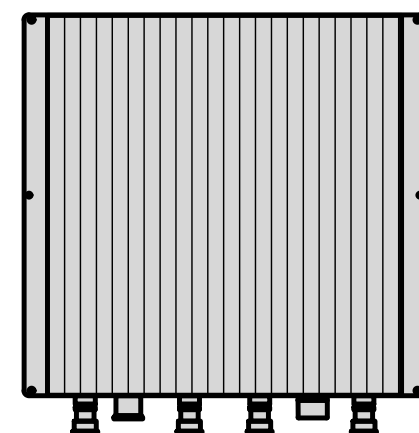
PLAN



BACK



SIDE



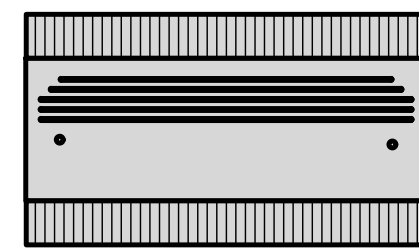
FRONT

RRH DETAIL

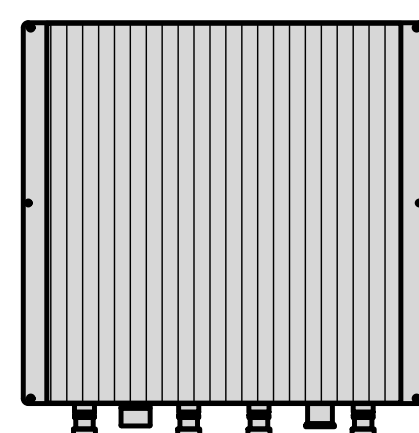
NO SCALE

1

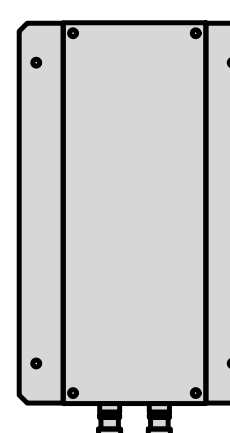
FUJITSU TRIPLE BAND TA08025-B605	
DIMENSIONS (HxWxD)	14.9"x15.7"x9"
WEIGHT	74.95 lbs
CONNECTOR TYPE	4.3-10 RF CONNECTOR
POWER SUPPLY	DC -58~-36V



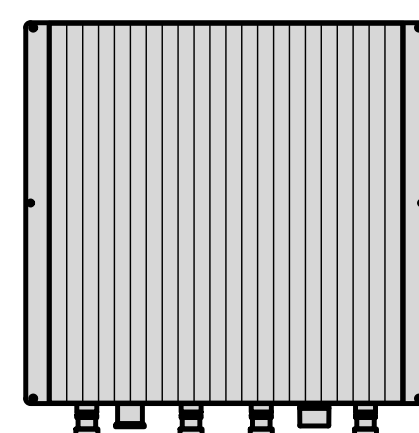
PLAN



BACK



SIDE

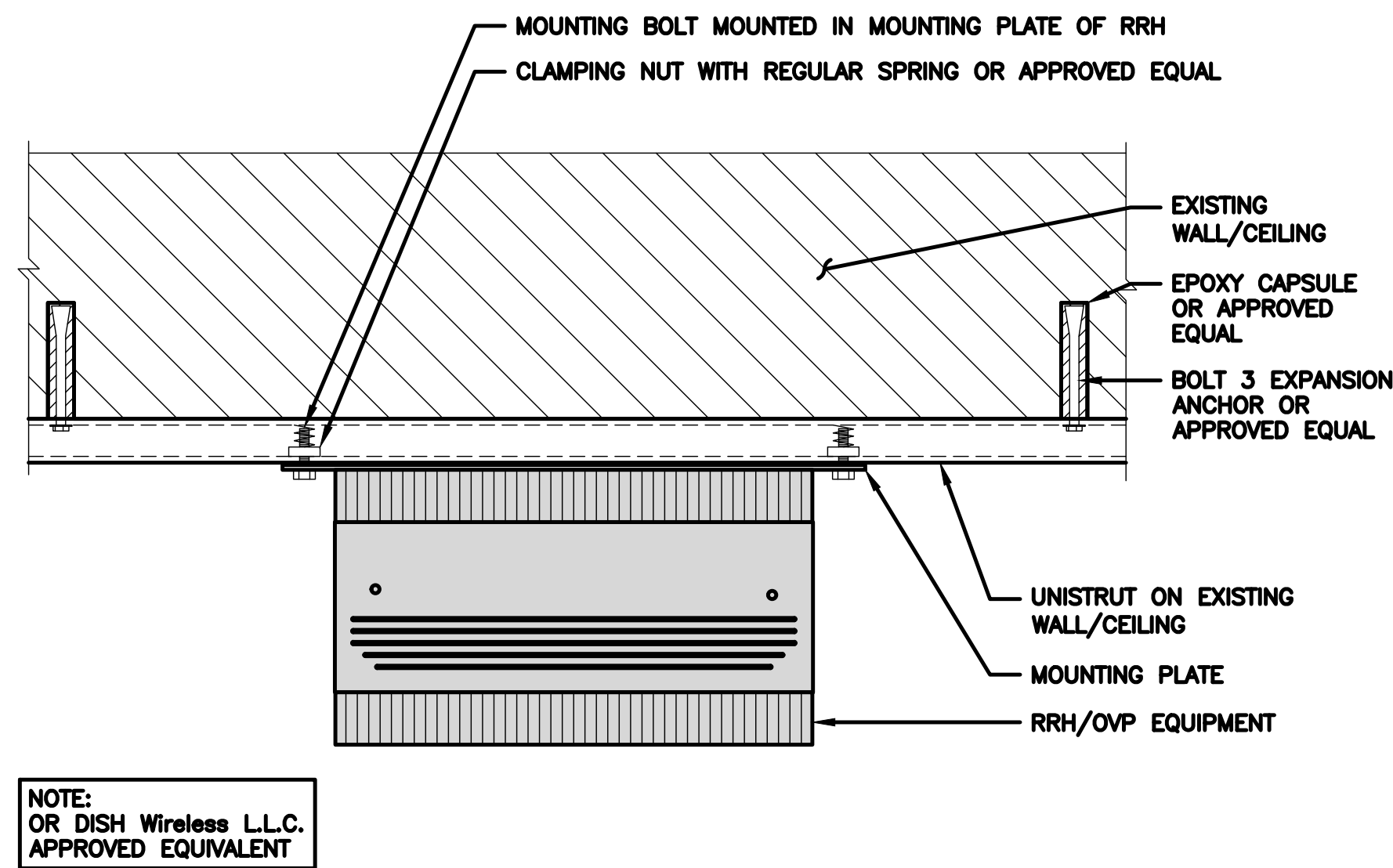


FRONT

RRH DETAIL

NO SCALE

2

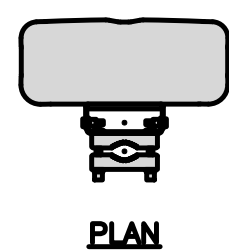


RRH UNISTRUT WALL/CEILING MOUNT DETAIL

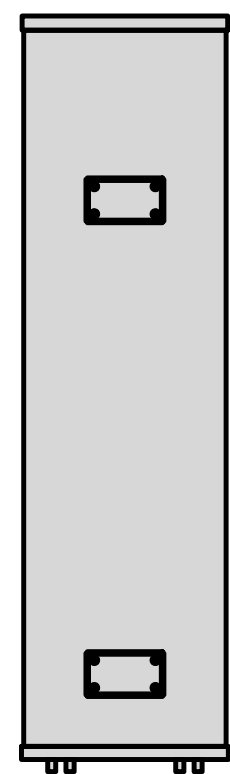
NO SCALE

3

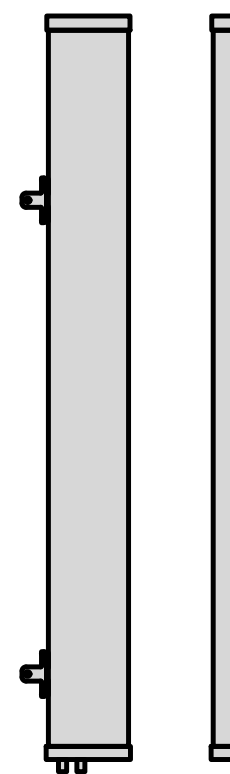
COMMSCOPE FFVV-65B-R2	
DIMENSIONS (HxWxD)(MM/IN)	1826x498x197 72"x19.6"x7.8"
RF CONNECTOR INTERFACE	4.3-10 FEMALE
WEIGHT	70.8 lbs
WEIGHT WITH BRACKETS	98.1 lbs



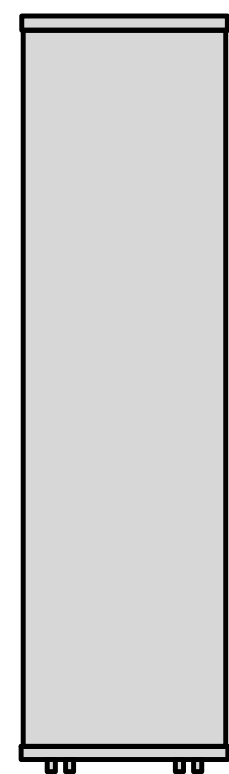
PLAN



BACK



SIDE



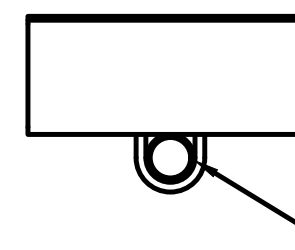
FRONT

ANTENNA DETAIL

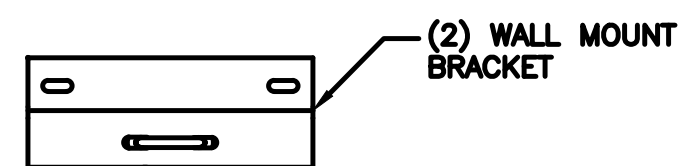
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4

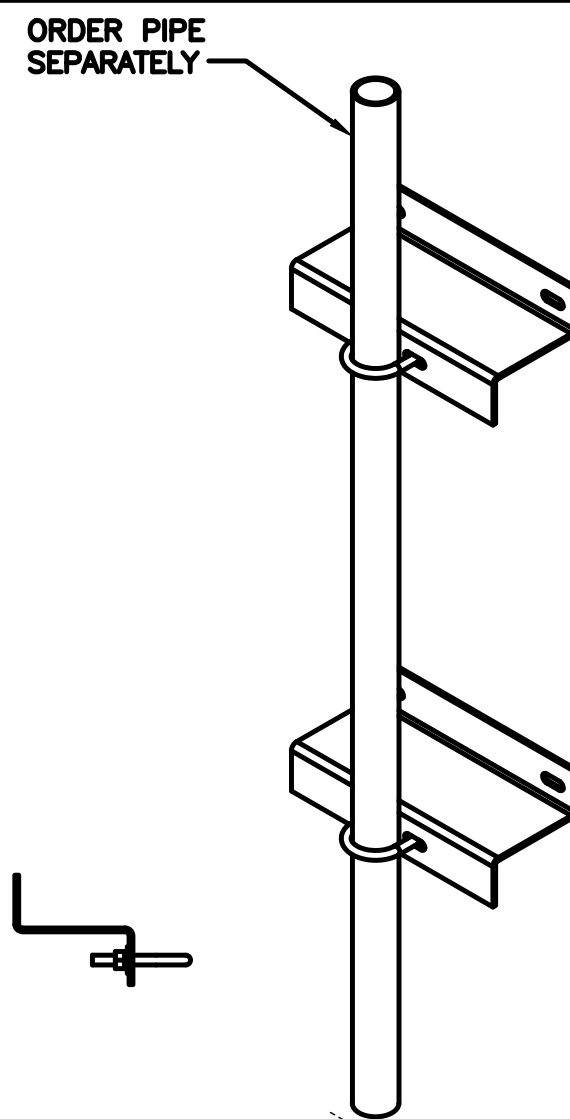
SITEPRO1 SP250-6 WALL MOUNT	
STANDOFF	6"
DIMENSIONS (HxWxD)	14.5"x 3"
WEIGHT	20.11 LBS



PIPE MOUNT



(2) WALL MOUNT BRACKET



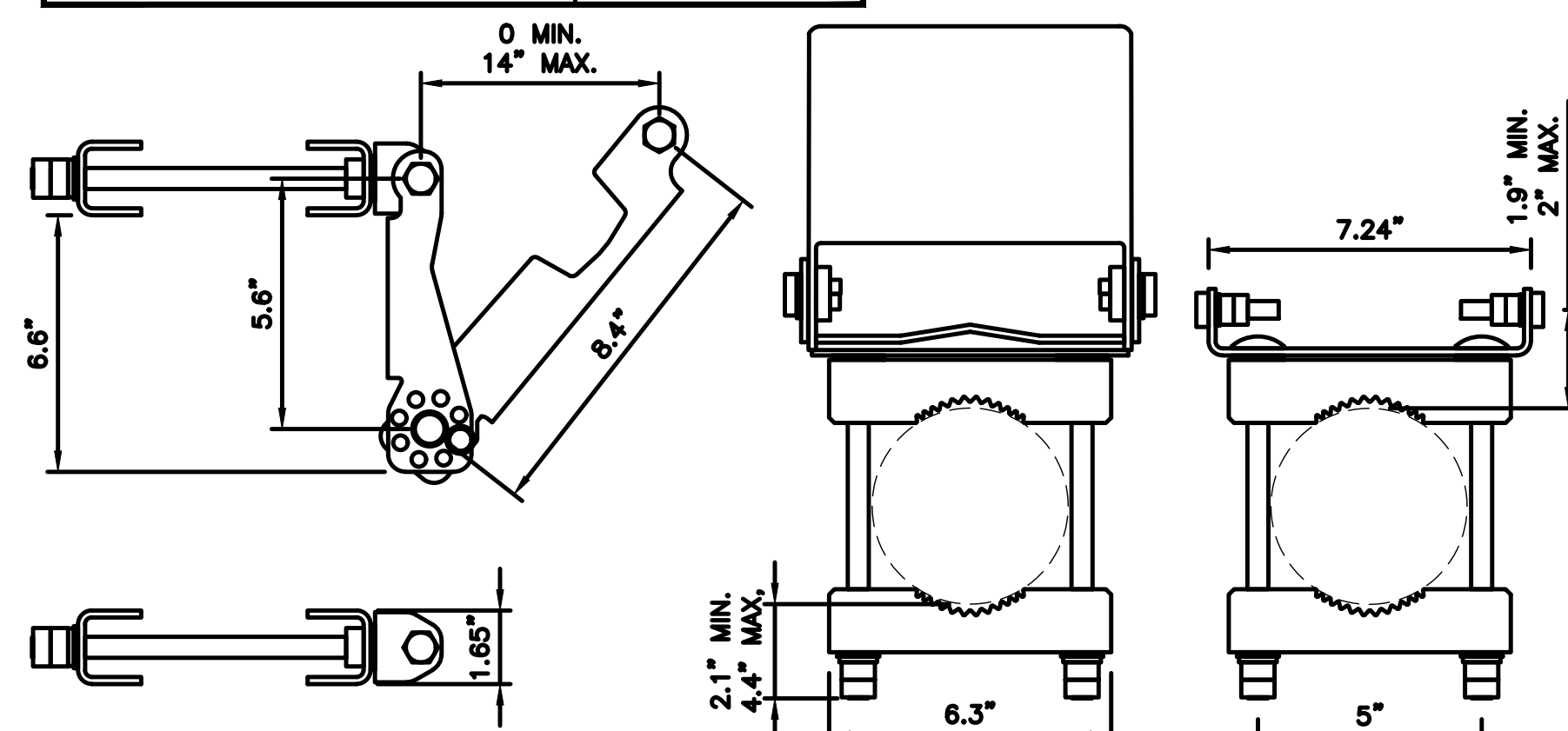
ANTENNA WALL MOUNT DETAIL

NO SCALE

5

COMMSCOPE ANTENNA BRACKET BSAMNT-3	
DIAMETER COMPATIBILITY	2.362" - 4.528"
NET WEIGHT	13.669 lbs

NOTE:
OR DISH Wireless L.L.C.
APPROVED EQUIVALENT

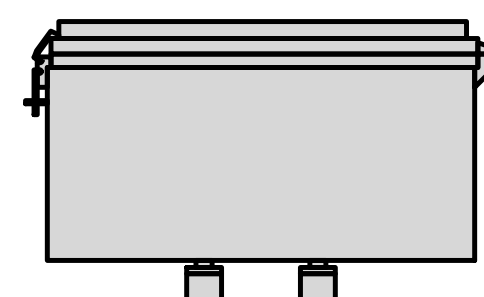


ANTENNA BRACKET DETAIL

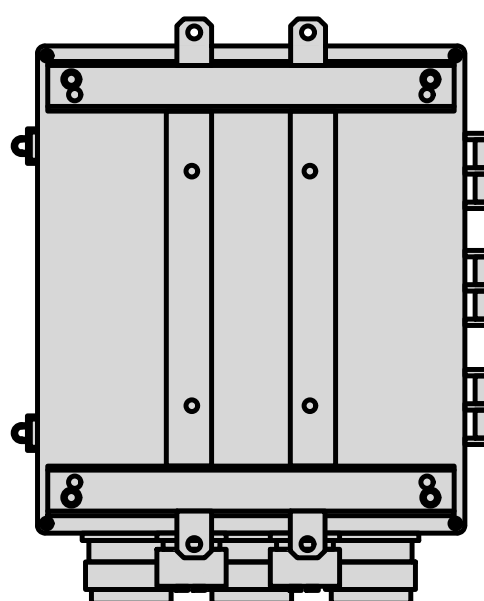
NO SCALE

6

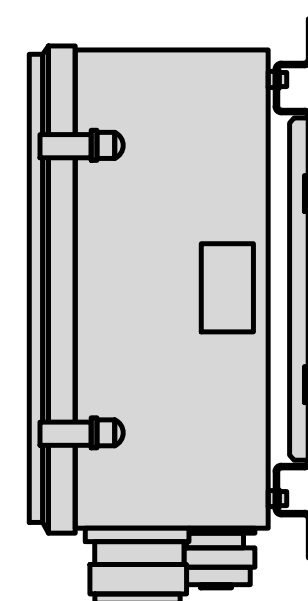
RAYCAP RDIDC-3045-PF-48 SURGE PROTECTION DEVICE (OVP)	
DIMENSIONS (HxWxD)	19"x16.21"x9.64"
WEIGHT	21 lbs



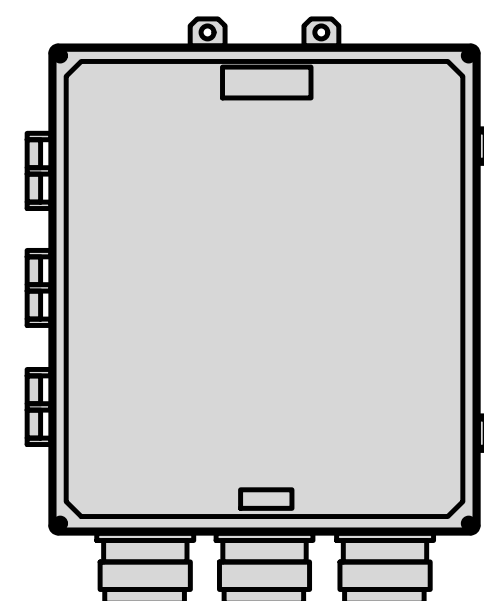
PLAN



BACK



SIDE



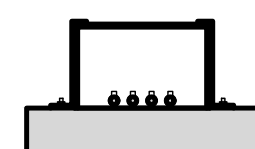
FRONT

SURGE PROTECTION DEVICE (OVP) DETAIL

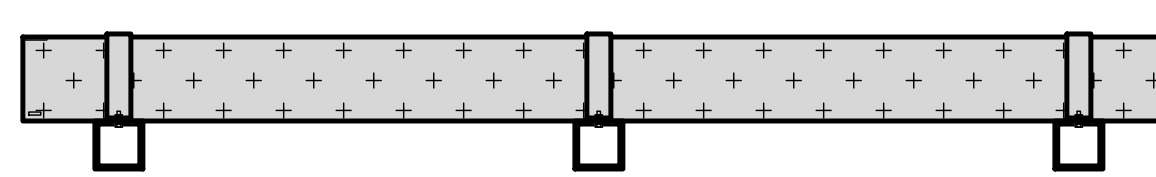
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7

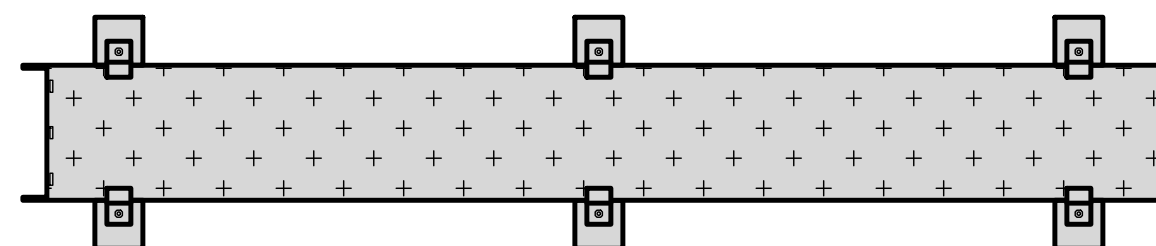
COMMSCOPE RT-CB4D ROOFTOP COVER KIT		MOUNTING	NON-PENETRATING
DIMENSIONS (HxWxL)	7"x 11.25"x 96"	INCLUDED PRODUCTS:	RTCB4D.01 CHANNEL (1) MT-F1598 SLEEPERS (3) RTCUH HARDWARE RTHC.01 HOLD-DOWN CLAMPS (6)
WEIGHT/ VOLUME	85.98 LBS		
CABLE RUN (QTY)	4		



END



SIDE



PLAN

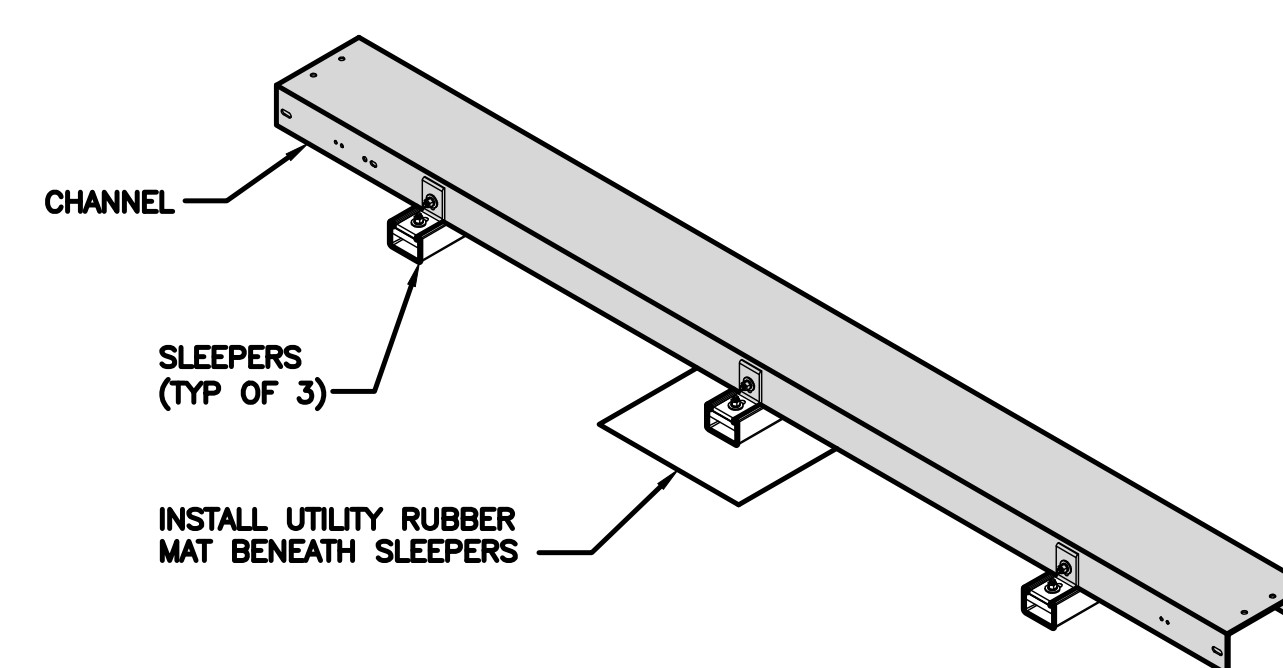
ROOFTOP CABLE TRAY DETAIL

NO SCALE

8

COMMSCOPE MT-F1543 ROOFTOP CABLE BRIDGE KIT	
DIMENSIONS (HxWxL)	7"x30"x96"
WEIGHT	112.3 lbs
CABLE RUN, QUANTITY	8

NOTE: NON-PENETRATING, 12-GAUGE COVER, OR APPROVED EQUAL. INCLUDES: CHANNEL, HARDWARE AND (3) SLEEPERS



WALL MOUNTED CABLE TRAY DETAIL

NO SCALE

9



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



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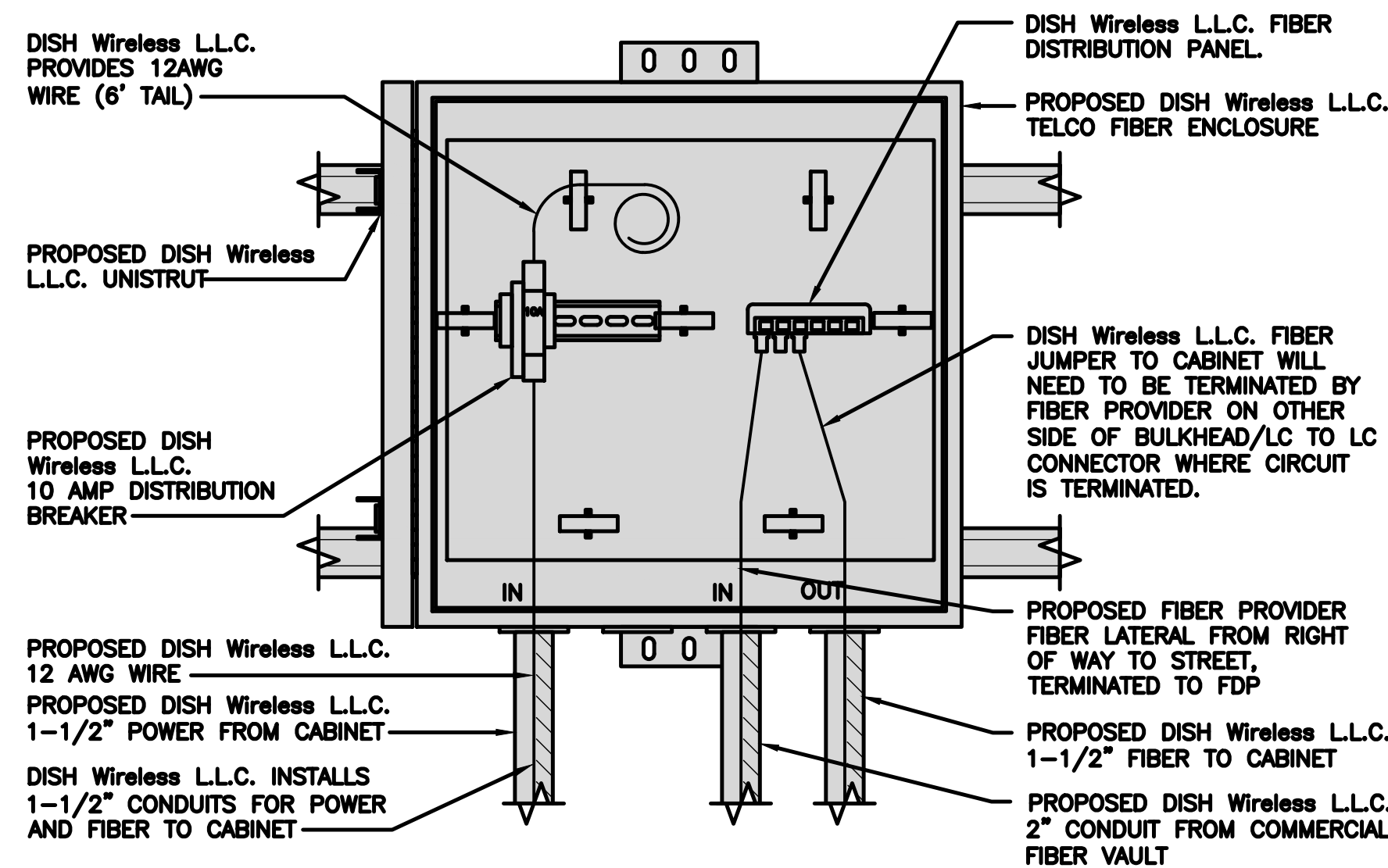
SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER

Z-9

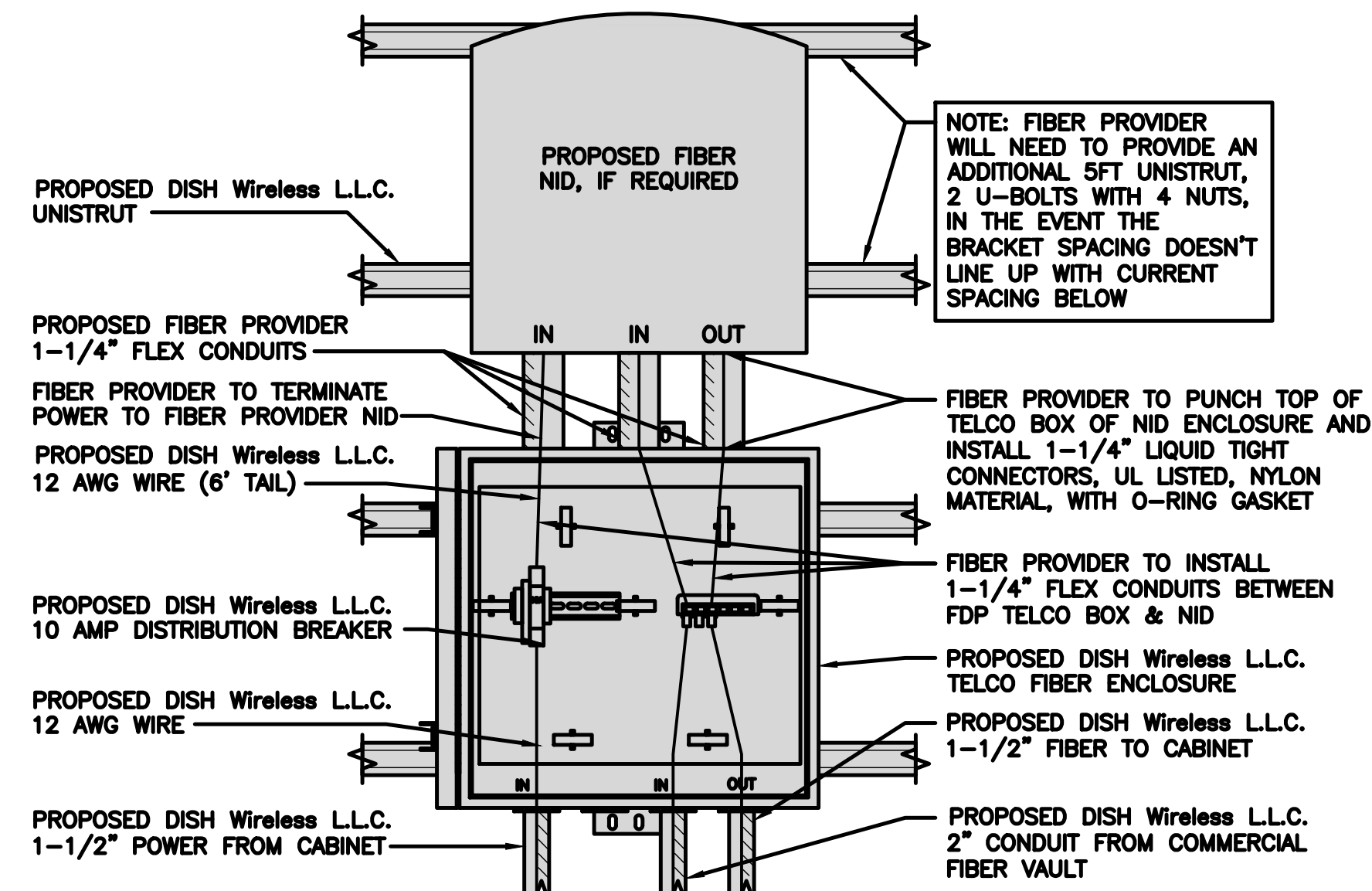
DC POWER WIRING SHALL BE COLOR CODED AT EACH END FOR IDENTIFYING +24V AND -48V CONDUCTORS. RED MARKINGS SHALL IDENTIFY +24V AND BLUE MARKINGS SHALL IDENTIFY -48V.

- CONTRACTOR SHALL INSPECT THE EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARDS TO THE CONTRACTOR'S FUNCTIONS, THE SCOPE OF WORK, OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE PROJECT MANAGER FOR CLARIFICATION, NOT AFTER THE CONTRACT HAS BEEN AWARDED.
- ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT NATIONAL ELECTRICAL CODES AND ALL STATE AND LOCAL CODES, LAWS, AND ORDINANCES. PROVIDE ALL COMPONENTS AND WIRING SIZES AS REQUIRED TO MEET NEC STANDARDS.
- LOCATION OF EQUIPMENT, CONDUIT AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE COORDINATED WITH FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- CONDUIT ROUGH-IN SHALL BE COORDINATED WITH THE MECHANICAL EQUIPMENT TO AVOID LOCATION CONFLICTS. VERIFY WITH THE MECHANICAL EQUIPMENT CONTRACTOR AND COMPLY AS REQUIRED.
- CONTRACTOR SHALL PROVIDE ALL BREAKERS, CONDUITS AND CIRCUITS AS REQUIRED FOR A COMPLETE SYSTEM.
- CONTRACTOR SHALL PROVIDE PULL BOXES AND JUNCTION BOXES AS REQUIRED BY THE NEC ARTICLE 314.
- CONTRACTOR SHALL PROVIDE ALL STRAIN RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
- ALL DISCONNECTS AND CONTROLLING DEVICES SHALL BE PROVIDED WITH ENGRAVED PHENOLIC NAMEPLATES INDICATING EQUIPMENT CONTROLLED, BRANCH CIRCUITS INSTALLED ON, AND PANEL FIELD LOCATIONS FED FROM.
- INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS PER THE SPECIFICATIONS AND NEC 250. THE EQUIPMENT GROUNDING CONDUCTORS SHALL BE BONDED AT ALL JUNCTION BOXES, PULL BOXES, AND ALL DISCONNECT SWITCHES, AND EQUIPMENT CABINETS.
- ALL NEW MATERIAL SHALL HAVE A U.L. LABEL.
- PANEL SCHEDULE LOADING AND CIRCUIT ARRANGEMENTS REFLECT POST-CONSTRUCTION EQUIPMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR AS-BUILT PANEL SCHEDULE AND SITE DRAWINGS.



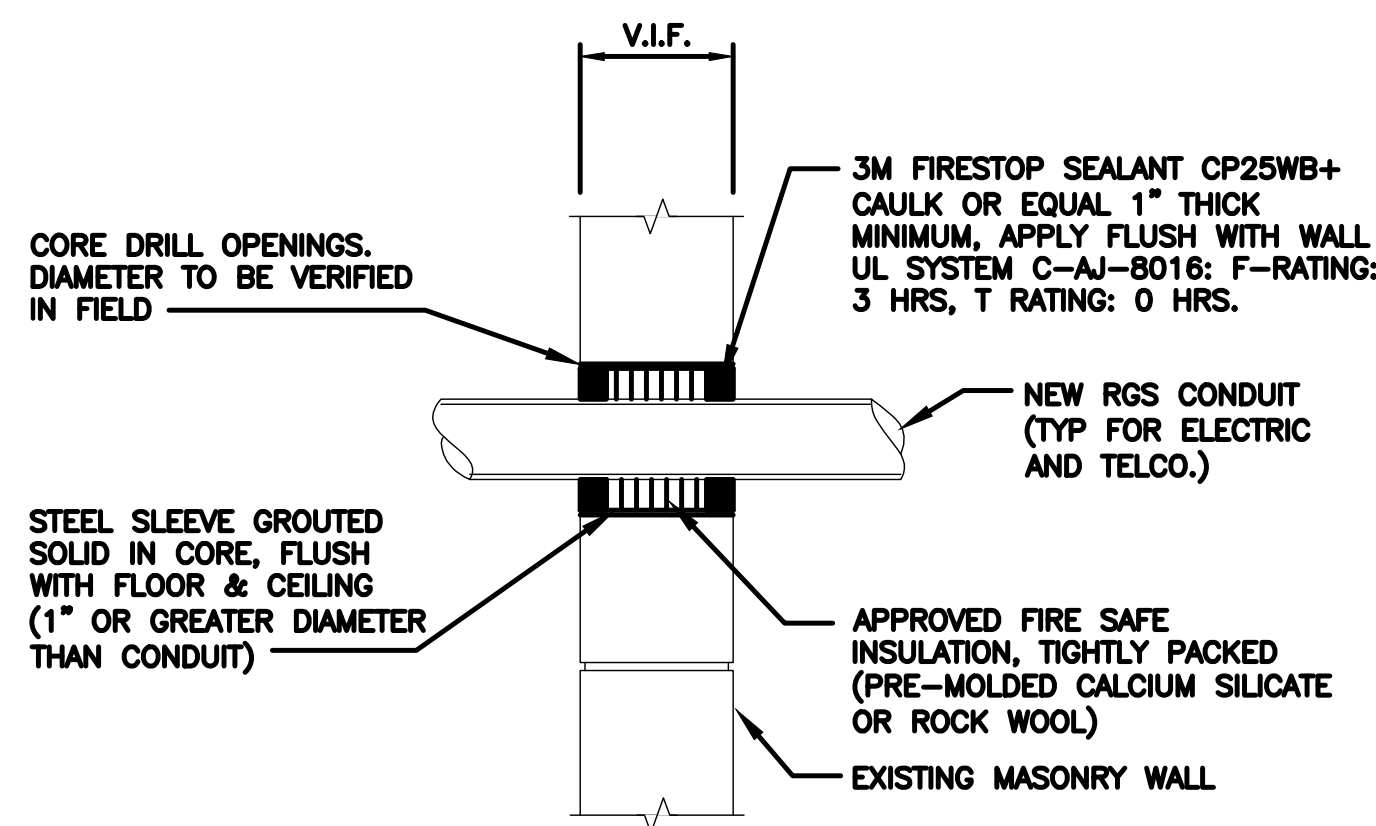
DARK TELCO BOX - INTERIOR WIRING LAYOUT

NO SCALE 2



LIT TELCO BOX - INTERIOR WIRING LAYOUT (OPTIONAL)

NO SCALE 3



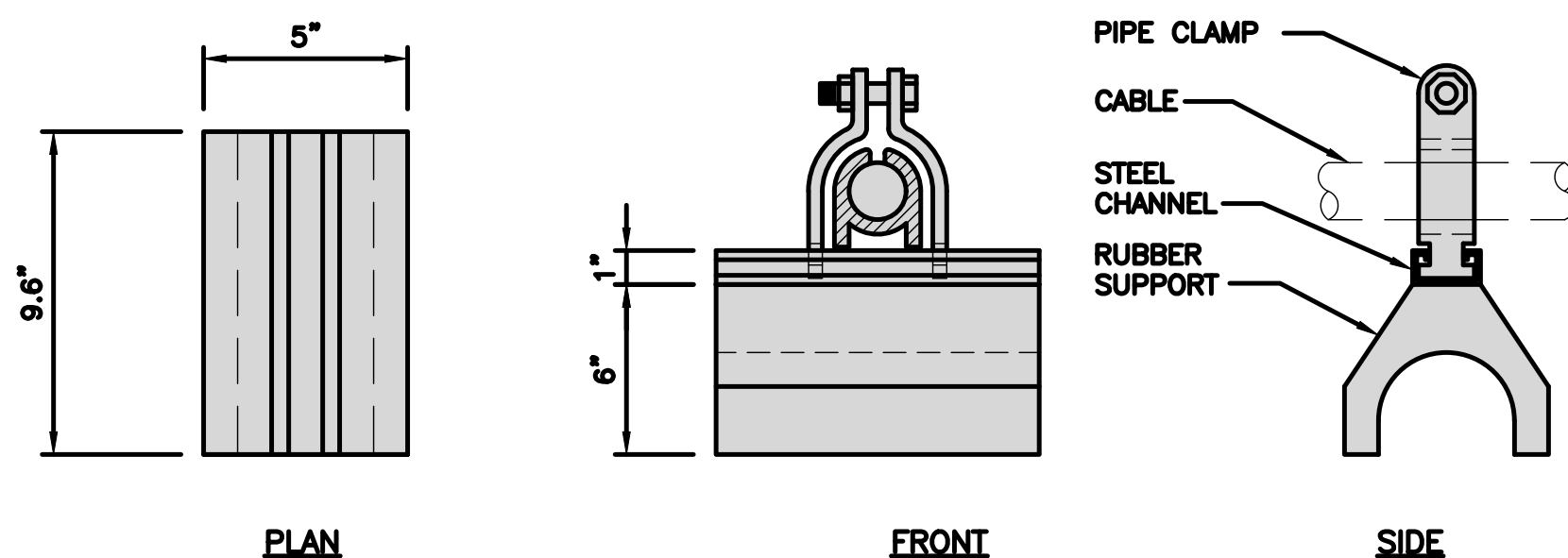
MASONRY WALL PENETRATION

NO SCALE 4

ELECTRICAL NOTES

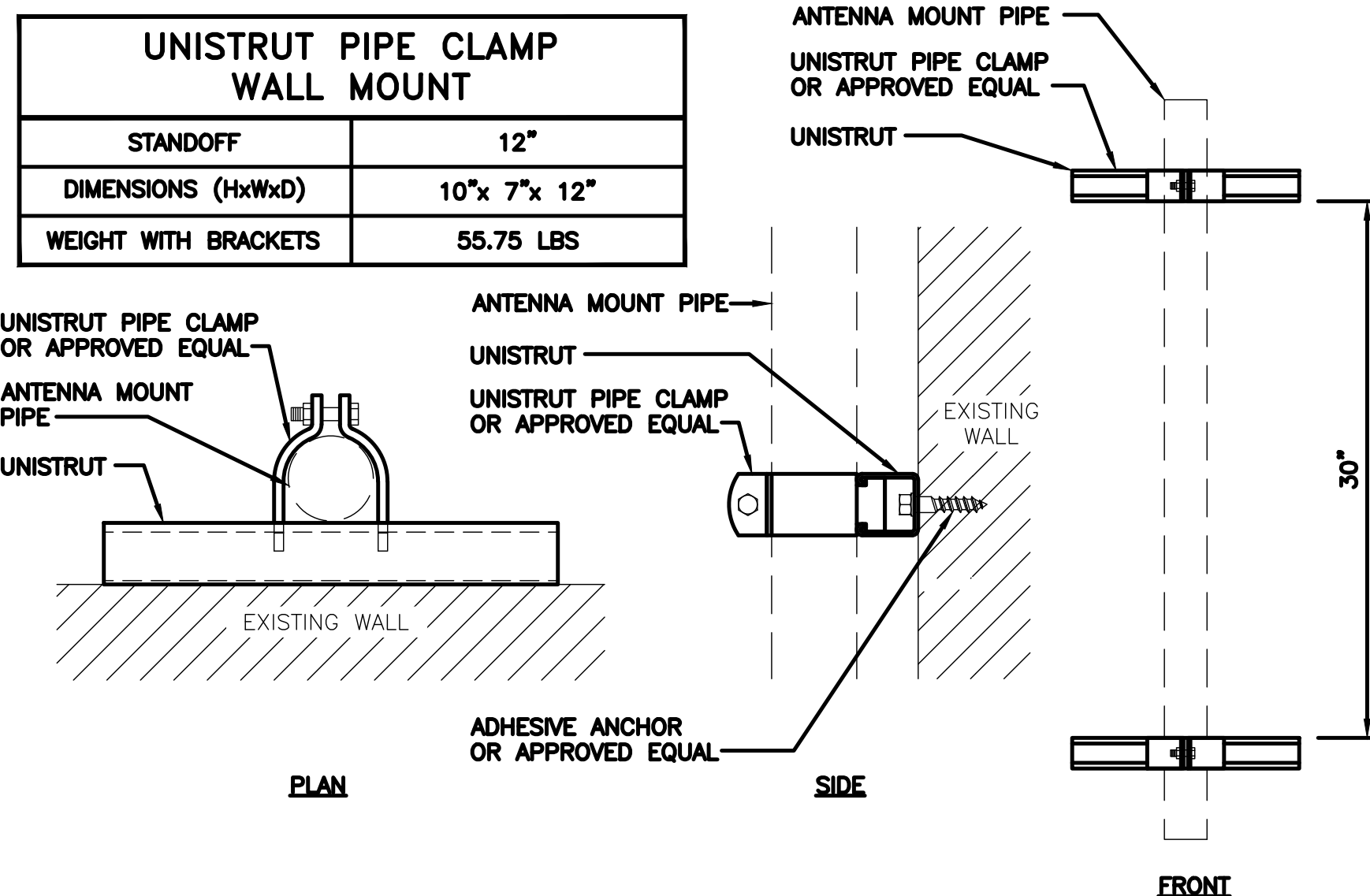
NO SCALE 1

DURA-BLOK DB10 ROOFTOP CABLE SUPPORT	
DIMENSIONS (HxWxL)	5"x6"x9.6"
WEIGHT/ VOLUME	5.28 LBS
ULTIMATE LOAD CAPACITY	500 LBS
NOTE: NON-PENETRATING	



ROOFTOP CABLE SUPPORT DETAIL

NO SCALE 6



UNISTRUT WALL MOUNT DETAIL

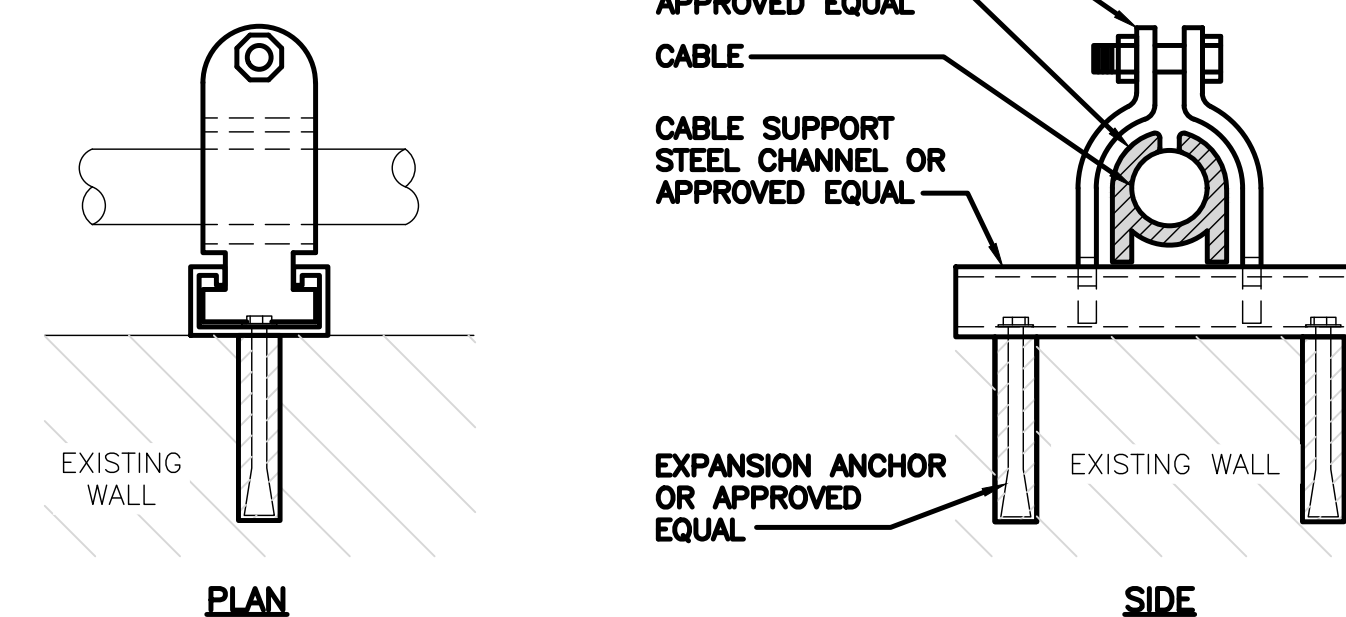
NO SCALE 7

NOT USED

NO SCALE 5

CABLE WALL MOUNT SUPPORT	
UNISTRUT TYPE	GRAINGER P1000T
UNISTRUT DIMENSIONS (HxWxD)	1 5/8\"/>

- NOTES:
- ALL HARDWARE AND PARTS SHALL BE HOT DIPPED GALVANIZED WITH LOCK WASHERS AND HEAVY HEX NUTS.
 - VERTICAL CABLE MOUNT: 4'-0" MAX. UNISTRUT SEPARATION
 - HORIZONTAL CABLE MOUNT: 3'-0" MAX UNISTRUT SEPARATION



CABLE WALL MOUNT SUPPORT DETAIL

NO SCALE 8



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



AIROSMITH DEVELOPMENT
AIROSMITH ENGINEERING
318 WEST AVE.
SARATOGA SPRINGS, NY 12866

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

DRAWN BY: CHECKED BY: APPROVED BY:
JLM JLM ASW

RFDS REV #: N/A

ZONING DOCUMENTS

SUBMITTALS		
REV	DATE	DESCRIPTION
A	12/28/2022	ISSUED FOR REVIEW
B	01/05/2023	REVISED PER COMMENTS
C	01/17/2023	REVISED PER COMMENTS
D	02/01/2023	REVISED PER COMMENTS

A&E PROJECT NUMBER
NJJER01348B

DISH Wireless L.L.C.
PROJECT INFORMATION
NJJER01348B
3 SALISBURY POINT
NYACK, NY 10960

SHEET TITLE
EQUIPMNET
DETAILS

SHEET NUMBER

Z-10