

GENERAL NOTES:

- FIELD SURVEY DATE: NOVEMBER 12, 2013
- VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)
- HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
- CENTER OF PROPOSED TOWER: LAT: 41°45'06.027" LONG: 70°42'35.227" ELEV: 12±
- PROPERTY OWNER: ZECCO MARINE, LLC 40 PINE TREE DRIVE BUZZARDS BAY, MA 02532
- SITE NUMBER: MA1433
- SITE ADDRESS: 2 WARR AVENUE WAREHAM, MA 02571
- APPLICANT, LESSOR/LICENSEE & PROJECT OWNER: AT&T 550 COCHITUATE ROAD, SUITE 13 FRAMINGHAM, MA 01701 PHONE: 508-271-6100
- JURISDICTION: TOWN OF WAREHAM
- TAX ID: MAP: 46 LOT: 1002
- DEED REFERENCE: BOOK: 17119 PAGE: 243
- PLAN REFERENCES: TOWN OF WAREHAM ASSESSORS MAPS & PLAN REFERENCES AS INDICATED BELOW
- ZONING JURISDICTION: TOWN OF WAREHAM MARINE
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233 CALL BEFORE YOU DIG (CT): 1-800-922-4455
- PROPERTY LINE INFORMATION IS COMPILED FROM ASSESSORS' PLAN AND RECORD DOCUMENTS AND IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY, AND IS SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. A FULL BOUNDARY SURVEY WAS NOT PERFORMED.
- THE PURPOSE OF THIS SURVEY IS TO SUPPORT THE DESIGN AND CONSTRUCTION OF A TELECOMMUNICATION FACILITY. USE OF THIS SURVEY BY ANYONE OTHER THAN AT&T, AND USE OF THIS SURVEY FOR ANY PURPOSE NOT RELATED TO THE DESIGN OF THE INTENDED FACILITY IS STRICTLY PROHIBITED.
- BEARING SYSTEM OF THIS PLAN IS BASED ON TRUE NORTH. TRUE NORTH WAS ESTABLISHED FROM GPS READINGS ON 11/12/13.
- PROPERTY LIES WITHIN ZONE AE SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD, BASE FLOOD ELEVATION DETERMINED (16 FT) AS SHOWN ON FLOOD INSURANCE RATE MAP PLYMOUTH COUNTY, TOWN OF WAREHAM COMMUNITY PANEL NUMBER 255223 0489 J, EFFECTIVE DATE JULY 17, 2012
- WETLANDS WERE NOT OBSERVED WITHIN 100' OF THE LIMIT OF WORK. WETLAND DELINEATION PERFORMED IN FIELD BY ECOSYSTEM SOLUTIONS, INC. ON NOVEMBER 14, 2013
- IN THE EVENT THAT BENCHMARKS (TBM'S), ESTABLISHED FOR THIS PROJECT AND PUBLISHED ON THIS SURVEY, ARE DESTROYED, NOT RECOVERABLE OR A DISCREPANCY IS FOUND, THE USER SHOULD NOTIFY THIS FIRM IN WRITING PRIOR TO COMMENCING OR CONTINUING ANY WORK.
- THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

ZONING SUMMARY TABLE

ZONING DISTRICT: MARINE		
ASSESSORS MAP: MAP: 46 LOT: 1002		
PROPOSED USE: WIRELESS COMMUNICATION FACILITY		
DIMENSION:	REQUIRED MINIMUM	PROVIDED
FRONTAGE	150 FT	1053± FT
FRONT YARD SETBACK*	20 FT	615± FT
SIDE/REAR YARD SETBACK*	25 FT	523± FT
MAXIMUM STRUCTURE HEIGHT	45 FT	150± FT
* DIMENSIONS MEASURED FROM FACE OF TOWER TO NEAREST LOT LINE.		

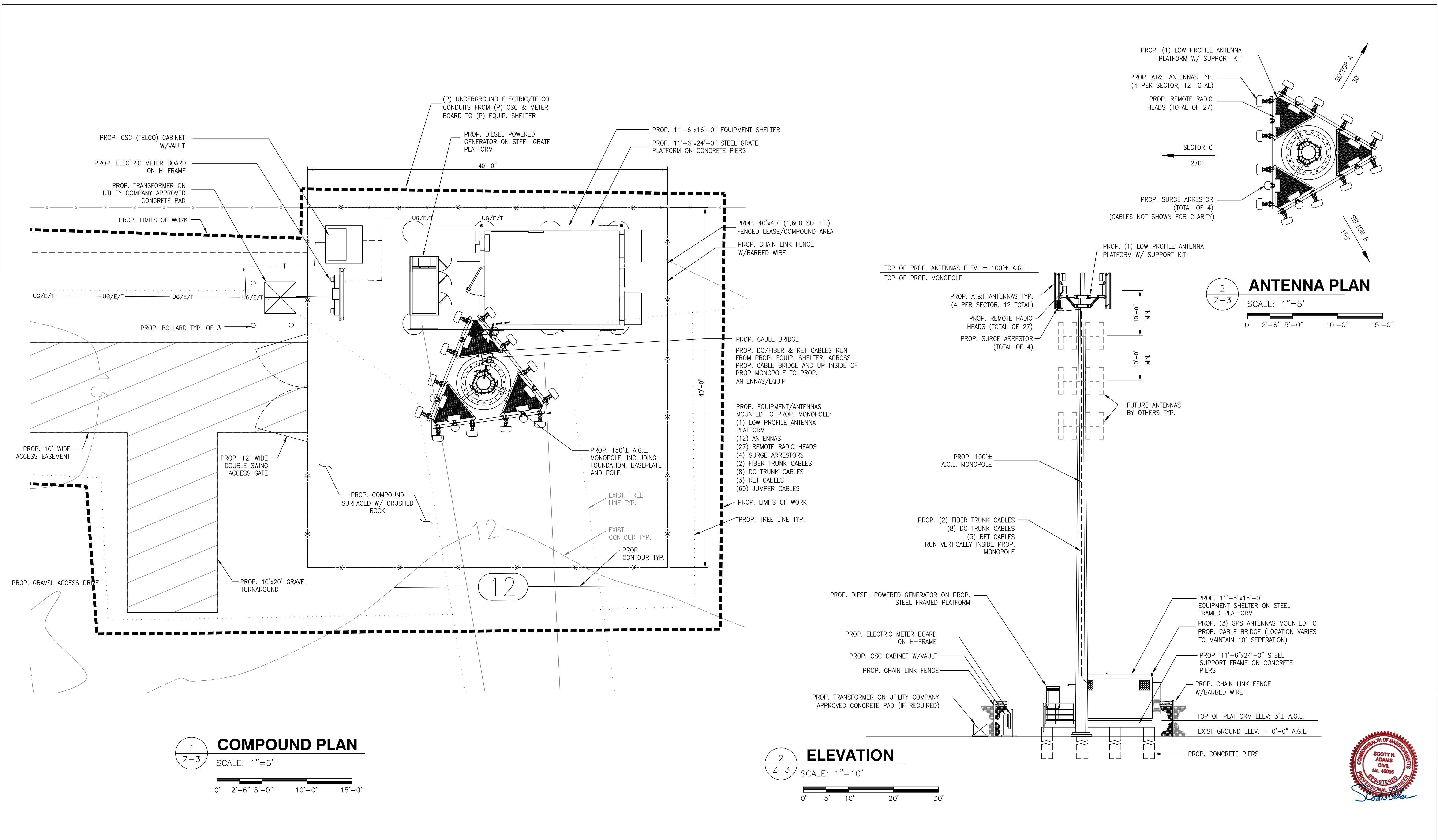
ADVANCED
ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
PH: (401) 354-2403
FAX: (401) 633-6354

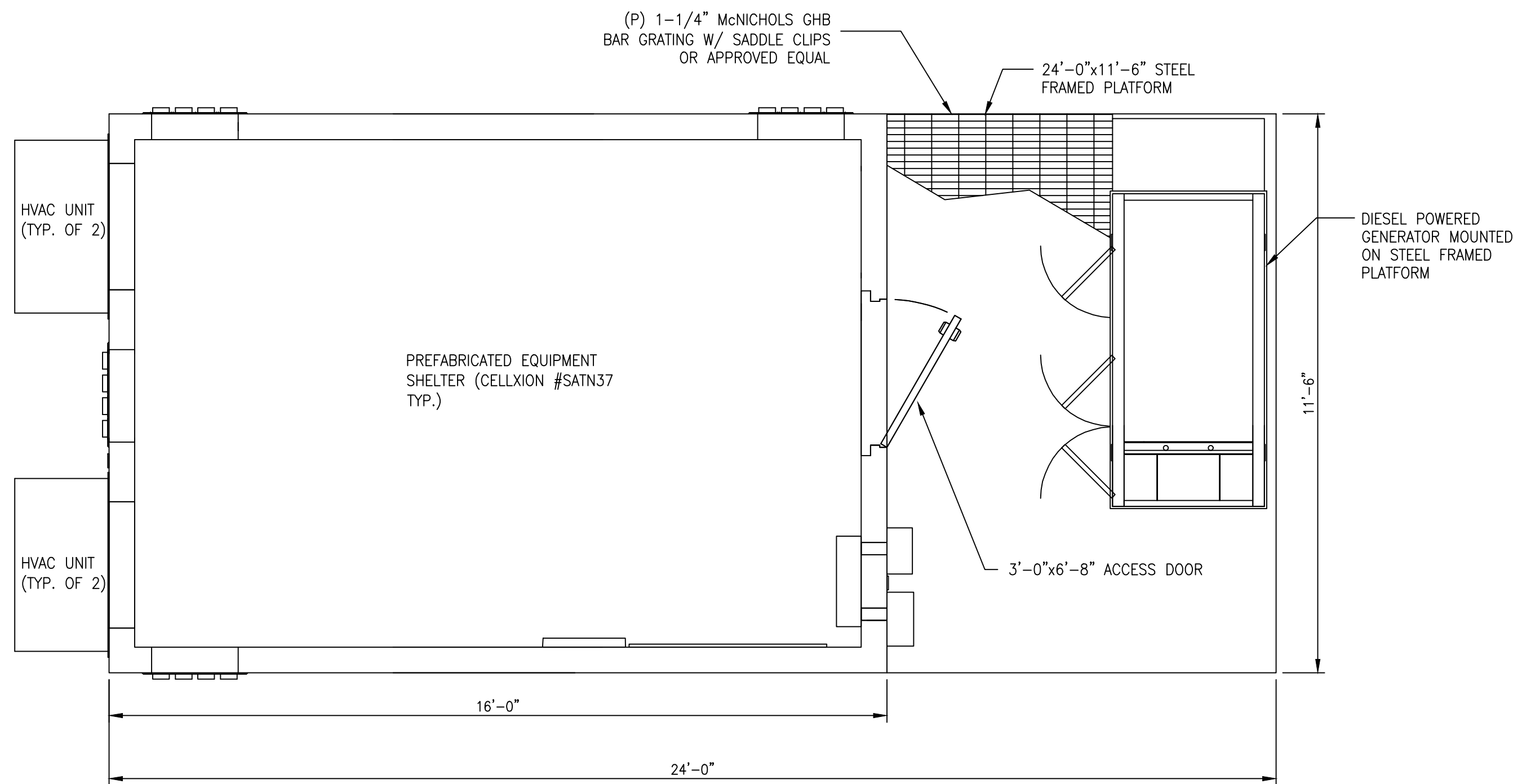
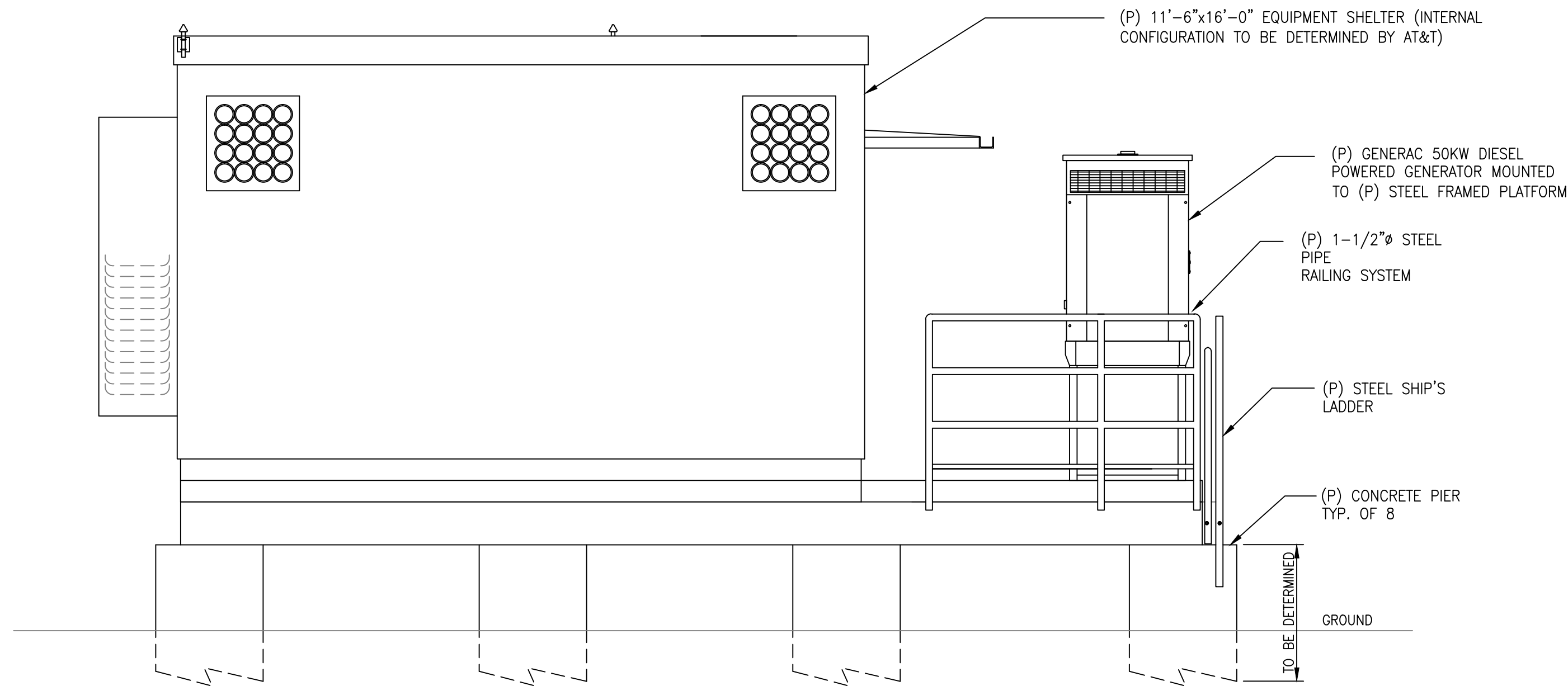
TRM
Convergent Network Solutions
TOWER RESOURCE MANAGEMENT
16 CHESTNUT STREET
FOXBOROUGH, MA 02035

SITE NUMBER: MA1433
SITE NAME: WAREHAM ZECCO MARINE
2 WARR AVENUE
WAREHAM, MA 02571
PLYMOUTH COUNTY

at&t
550 COCHITUATE ROAD, SUITE 13,
FRAMINGHAM, MA 01701-4681

				DESCRIPTION		
				EXISTING CONDITIONS/PLOT PLAN		
0	12/02/13	REVIEW	DD	SNA	SNA	JOB NUMBER
NO.	DATE	REVISIONS	BY	CHK	APP'D	SHEET NUMBER
SCALE: AS SHOWN		DESIGNED BY: SNA	DRAWN BY: DWD			REV
						MA1433
						C-1
						0





PLAN

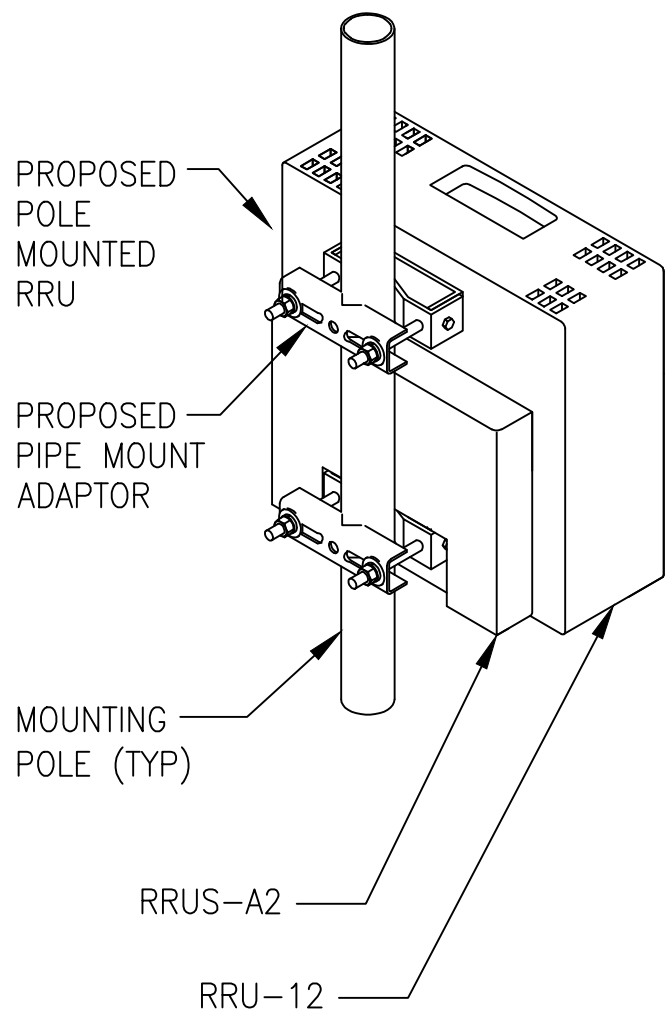
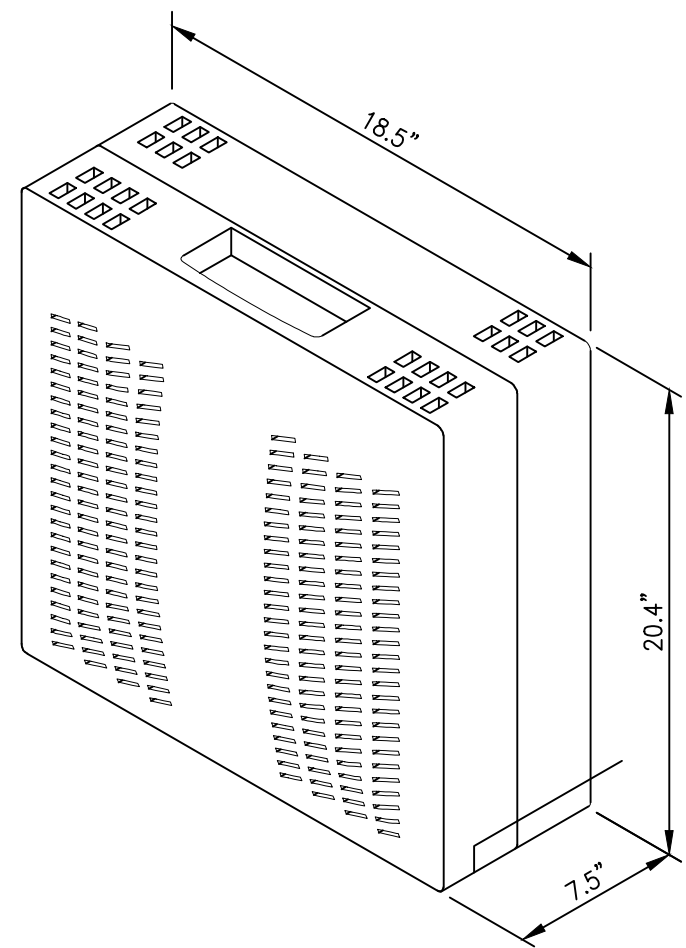
1
Z-4

EQUIPMENT SHELTER TYP.

SCALE: N.T.S.



DESCRIPTION									
SHELTER DETAILS									
0	12/02/13	REVIEW			DD	SNA	SNA	JOB NUMBER	SHEET NUMBER
NO.	DATE	REVISIONS			BY	CHK	APP'D	MA1433	Z-4
SCALE: AS SHOWN		DESIGNED BY: SNA		DRAWN BY: DWD					0

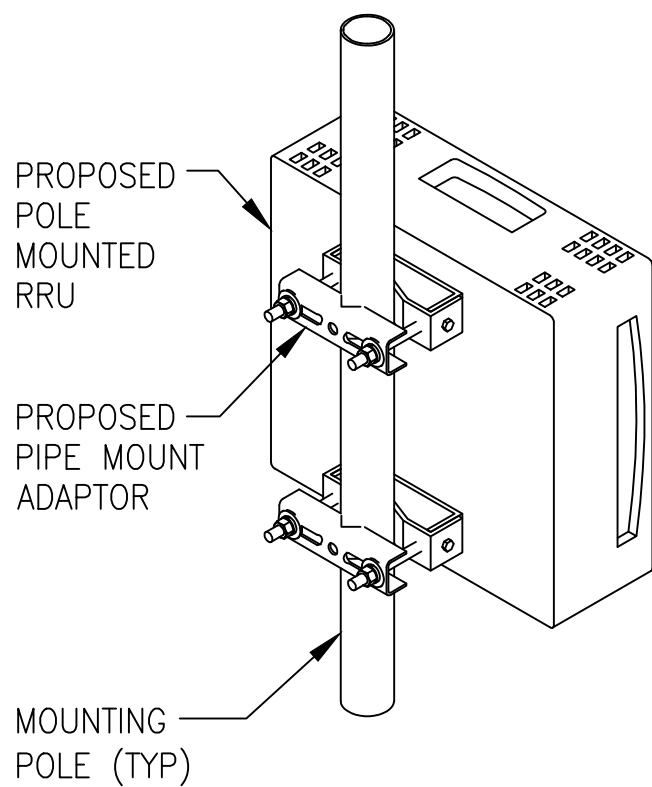
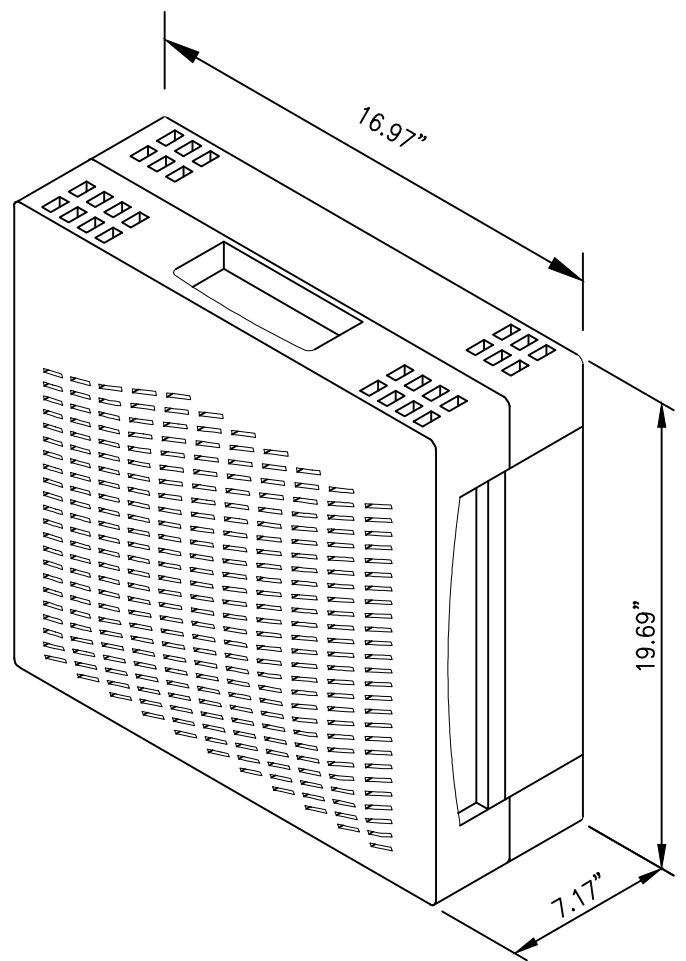


ERICSSON RRU-12
-DIMENSIONS (H x W x D): 20.4" x 18.5" x 7.5"
(INCLUDES SUNSHIELD)
-WEIGHT: 58 LBS
-CLIMATE: -40°F TO +131°F
(SELF CONVECTION SILENT, NO FANS, IP55)
-POWER CONSUMPTION: 400 WATTS (TYP.)

NOTES:
RRU CAN ONLY BE PAINTED ON SOLAR SHIELD.

ERICSSON RRU-A2
-DIMENSIONS (H x W x D): 12.8" x 15" x 3.5"
(INCLUDES SUNSHIELD)
-WEIGHT: 15 LBS

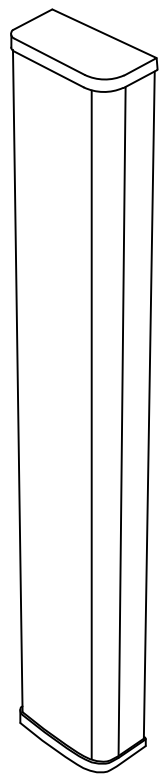
1
Z-5
RRH DETAIL = RRUS-12 + RRUS-A2
SCALE: N.T.S.



ERICSSON RRU-11
-DIMENSIONS (H x W x D): 19.69" x 16.97" x 7.17"
(INCLUDES SUNSHIELD)
-WEIGHT: 55 LBS
-CLIMATE: -40°C TO +55°C
(SELF CONVECTION SILENT, NO FANS, IP55)
-POWER CONSUMPTION: 200 WATTS (TYP.)

NOTES:
RRU CAN ONLY BE PAINTED ON SOLAR SHIELD.

2
Z-5
REMOTE RADIO HEAD DETAIL
SCALE: N.T.S.



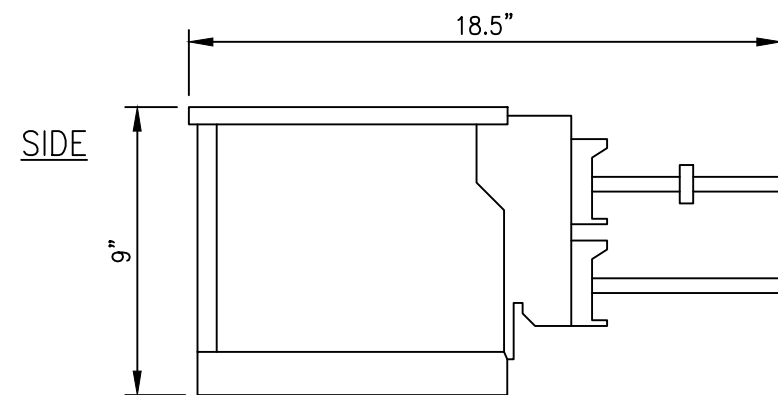
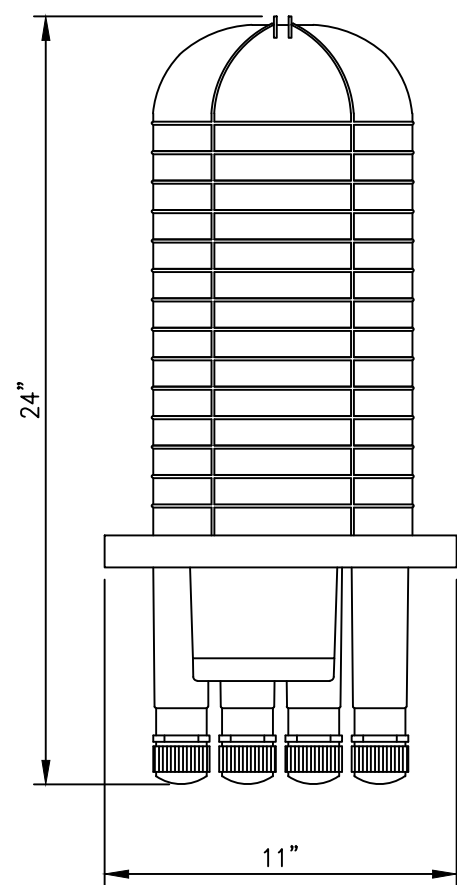
HPA-65R-BUU-H8
RADOME MATERIAL: PVC, IP55
RADOME COLOR: LIGHT GRAY
DIMENSIONS, HxWxD: 92.4" x 14.8" x 7.4"
(2348x 376 x 189 mm)
WEIGHT, WITHOUT PRE-MOUNTED BRACKETS: 68 lbs
CONNECTOR: 6 x 7/16 DIN FEMALE LONG NECK

3
Z-5
CCI ANTENNA DETAIL
SCALE: N.T.S.

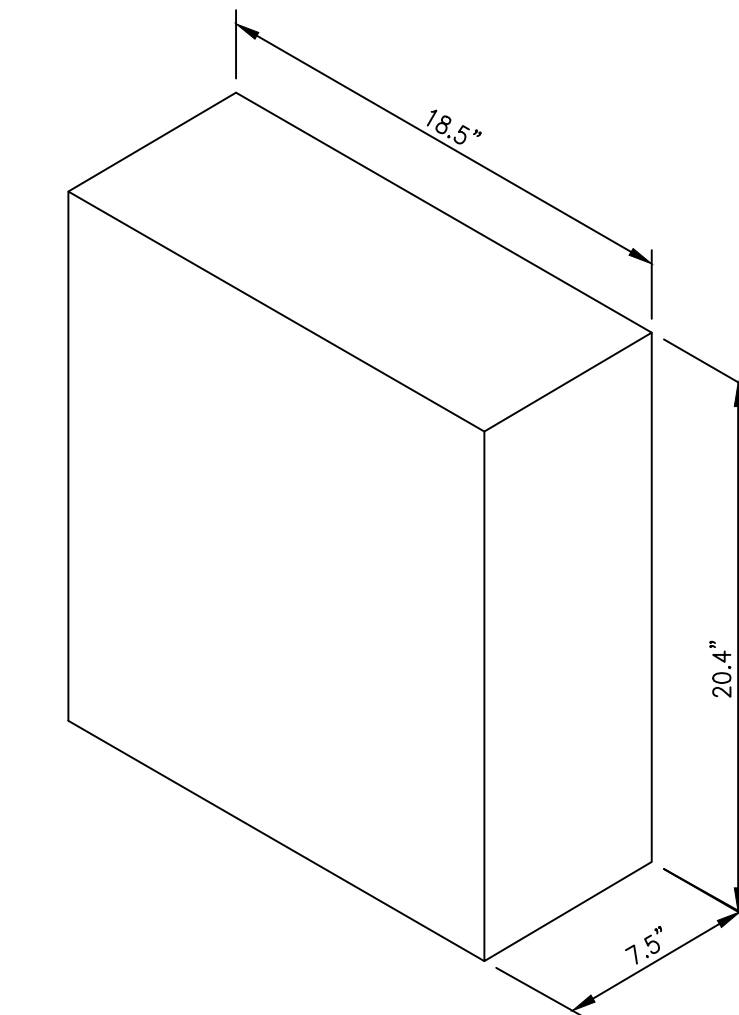
RAYCAP DC6-48-60-18-8F

NUMBER OF RADIOS PROTECTED:
SUPPRESSION CONNECTION METHOD:
ENVIRONMENTAL RATING:
WEIGHT:

6
COMPRESSION LUG, #2-#14 AWG COPPER, #2-#12 ALUMINUM
IP 68, 7M 72HRS
32.8 LBS (141.45 N)



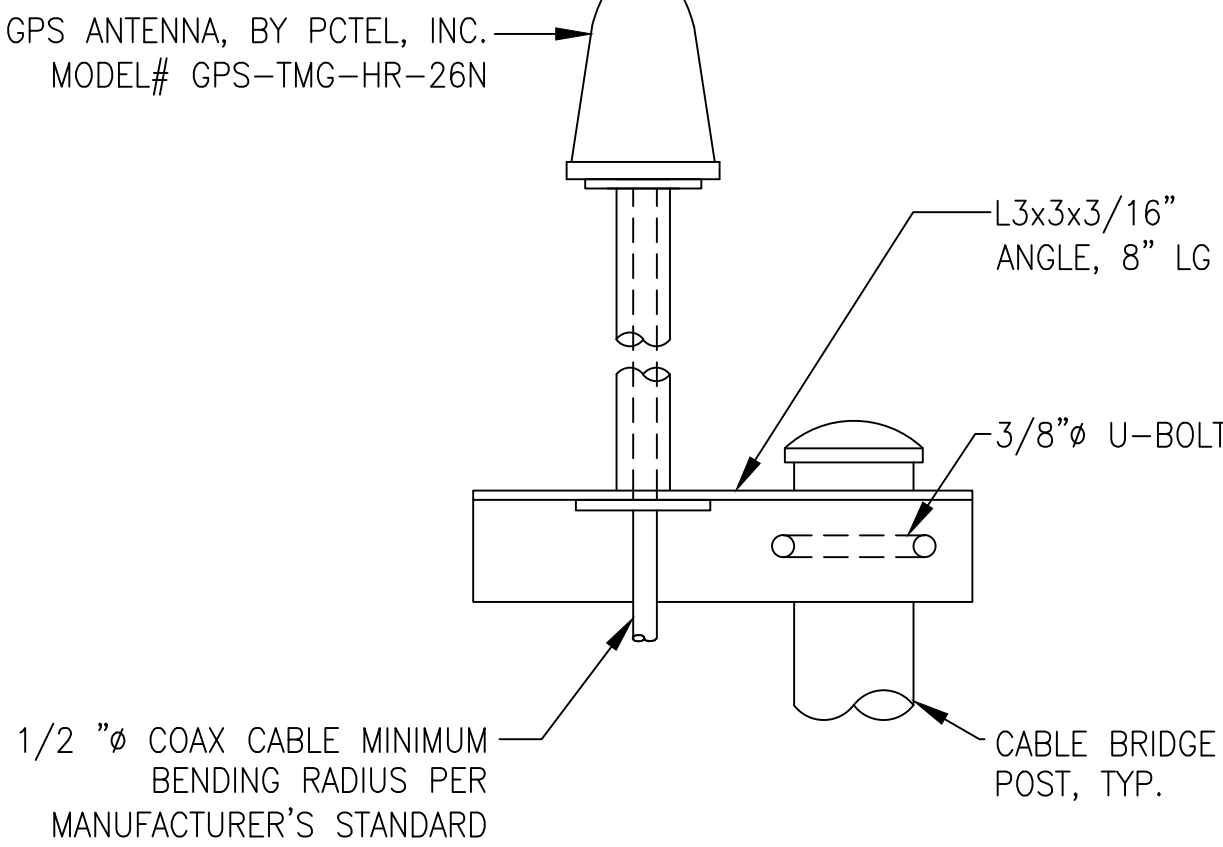
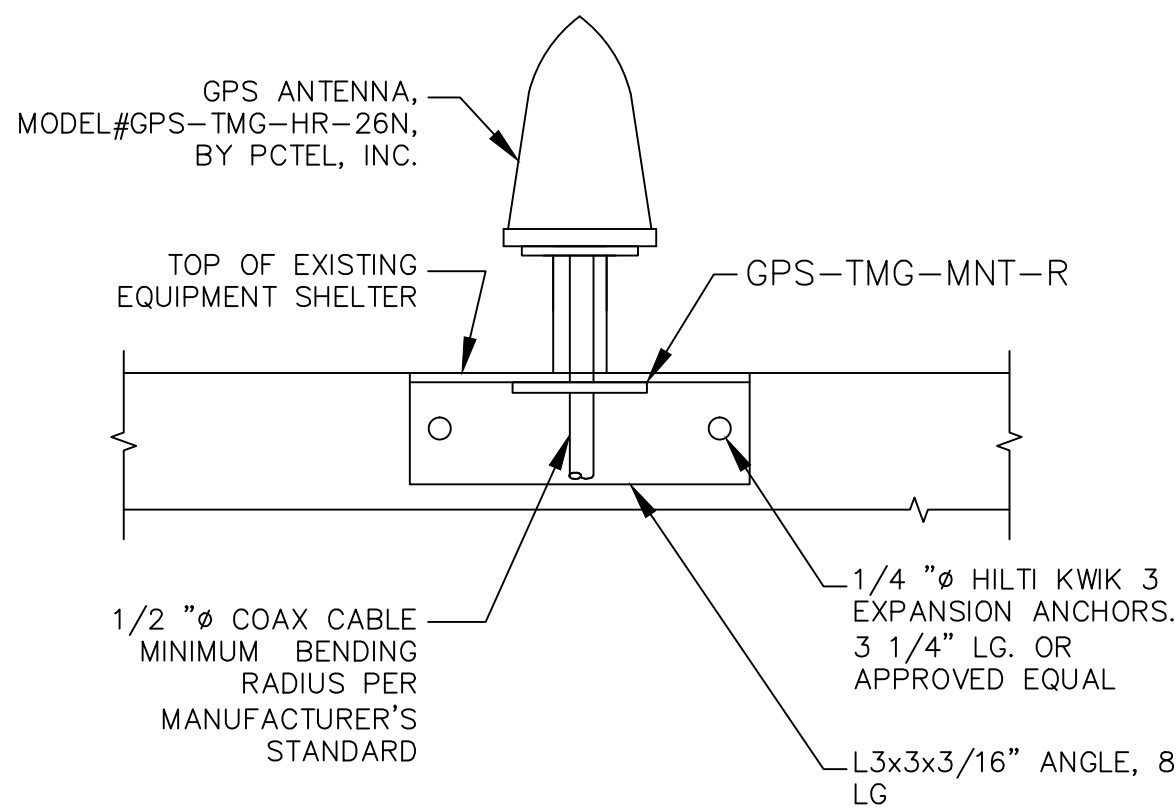
4
Z-5
SURGE ARRESTOR TYP.
SCALE: N.T.S.



ERICSSON RRU-E2
-DIMENSIONS (H x W x D): 20.4" x 18.5" x 7.5"
-WEIGHT: 58 LBS

NOTES:
RRU CAN ONLY BE PAINTED ON SOLAR SHIELD.

7
Z-5
REMOTE RADIO HEAD DETAIL
SCALE: N.T.S.



5
Z-5
GPS ANTENNA MOUNTING DETAILS
SCALE: N.T.S.

ERICSSON RRU-32
-DIMENSIONS (H x W x D): 29.9" x 13.3" x 9.5"
-WEIGHT: 77 LBS

NOTES:
RRU CAN ONLY BE PAINTED ON SOLAR SHIELD.

6
Z-5
REMOTE RADIO HEAD DETAIL
SCALE: N.T.S.

