

Application Number _____
Fees Preliminary _____ Pd _____
Fees Final _____ Pd _____

Town of Waldoboro

Site Plan Review and Subdivision Ordinance Preliminary Application (Please Type or Print)

Type of Application: Site Plan Review Subdivision Ordinance
 Shoreland Zone Flood Plain Hazardous Materials

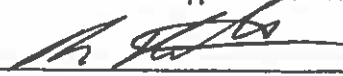
Brief description of proposed project: Install one (1) 10' x 12' concrete pad and one (1) 6' x 8' concrete with Diesel generator inside existing 100' x 100' fenced compound.

Address: 640 Atlantic Hwy Route One Zoning District: Commercial A Map: R 4 Lot: 23
Name of Applicant: T-Mobile
Address: 6095 Marshalee Dr, Ste 300 Town: Elkridge State: MD Zip: 21075
Telephone Numbers: 410-712-7092 x1012
Local Contact, Name: Benjamin Pelletier Telephone: 757-784-3671
Name of Owner (if not applicant): American Tower Corporation
Address: 10 Presidential Way Town: Woburn State: MA Zip: 01801

Applicant must attach a copy of deed, signed option agreement or lease agreement. If applicant is a corporation, attach certificate from the Secretary of State (Maine) showing authority to do business in Maine.

Name of Applicant's Engineer: Patrick P. Barry Telephone: 919-468-0112
Address: 3500 Regency Pkwy, # 100 Town: Cary State: NC Zip: 27518
Name of Applicant's Attorney: N/A Telephone: _____
Address: _____ Town: _____ State: _____ Zip: _____
Name of Applicant's Soil Scientist: N/A Telephone: _____
Address: _____ Town: _____ State: _____ Zip: _____
Name of Applicant's Land Surveyor: N/A Telephone: _____
Address: _____ Town: _____ State: _____ Zip: _____

I certify that the information contained in this application is correct to the best of my knowledge.

Signature (applicant):  Date: 8/12/18
Title: Agent

Action by the CEO, Planning Board, Board of Appeals

Informal Pre-Application Review:	Date: _____	By: _____
Preliminary Review:	Date: _____	By: _____
Site Walk:	Date: _____	By: _____
Public Hearing:	Date: _____	By: _____
Modifications:	Date: _____	By: _____
Final Review:	Date: _____	By: _____
Modifications:	Date: _____	By: _____
Appeals:	Date: _____	By: _____
Certificate of Occupancy:	Date: _____	By: _____



August 13, 2018

Town of Waldoboro
Maxwell Johnston
1600 Atlantic Hwy
PO Box J
Waldoboro, ME 04572

**Re: T-Mobile site 4PB0399A | ATC site 371996
Site Plan Application at 640 Atlantic Hwy**

Maxwell;

Per our phone conversation on August 13, 2018, this letter is to confirm that the attached Site Plan Application for T-Mobile is to collocate new antennas on the existing cell tower and install new ground equipment within the existing fenced in compound. The proposed construction will not increase the size of the fenced in compound and will not increase the height of the tower.

Furthermore, due to my location in Baltimore, Maryland, I will not be readily available to attend any public hearings held by the Town of Waldoboro. Due to the non-substantial nature of this application, I ask that I please be excused from attending any required hearings. I can and will be available via phone should the Planning Board ask that I call in to answer any questions.

Thank you for taking the time to read this request, and do not hesitate to contact me with any questions.

Most respectfully,

Benjamin Pelletier
Land Use Project Manager

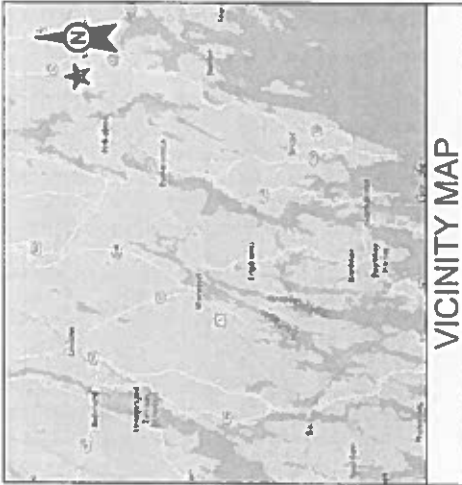
NETWORK BUILDING + CONSULTING
6095 Marshalee Drive | Suite 300 | Elkridge, MD | 21075
P 410.712.7092 x1012 | M 757.784.3671 | networkbuilding.com

6095 Marshalee Drive #300
Elkridge, MD 21075

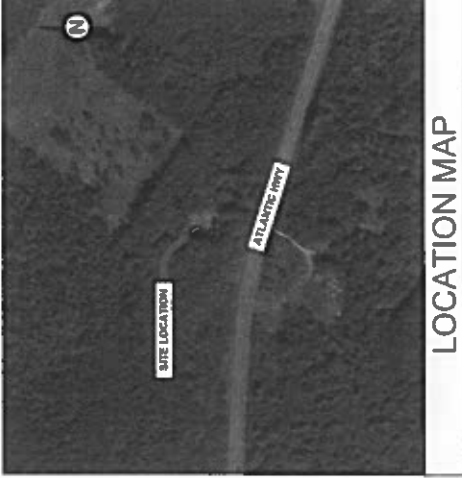


AMERICAN TOWER®

ATC SITE NAME: WALDOBORO
ATC SITE NUMBER: 371996
T-MOBILE SITE ID: 4PB0399A
SITE ADDRESS: 640 ATLANTIC HWY
WALDOBORO, ME 04572



VICINITY MAP



LOCATION MAP

**T-MOBILE L600 NSD COLLOCATION PLAN
4SEC-67D00A CONFIGURATION**

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX					
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE FOLLOWING LOCAL GOVERNMENT ORDINANCES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTWORK IN THESE PLANS IS TO BE CONSIDERED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 1. INTERIOR FINISHING CODE (RFC) 2. NATIONAL ELECTRIC CODE (NEC) 3. LOCAL BUILDING CODE 4. CITY/COUNTY ORDINANCES	SITE ADDRESS 640 ATLANTIC HWY WALDOBORO, ME 04572 COUNTY: LINCOLN	THE PROPOSED PROJECT INCLUDES PLACING EQUIPMENT CABINETS AND GENERATOR ON A PROPOSED CONCRETE PAD INSIDE A 10' x 20' GROUND SPACE WITHIN THE EXISTING COMPOUND AND PLACING REINFORCEMENT ON A PROPOSED SECTOR FRAME POINTED TO THE EXISTING TOWER.	SHEET NO	DESCRIPTION	REV	DATE	BY	
	GEOGRAPHIC COORDINATES LATITUDE: 44.10087718 LONGITUDE: -69.415 GROUND ELEVATION: 267' AMSL	PROJECT NOTES 1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED.	GENERAL NOTES OVERALL PARCEL PLAN DETAILED SITE PLAN & TOWER ELEVATION ANTENNA INFORMATION & SCHEDULE CONSTRUCTION DETAILS CONSTRUCTION DETAILS GROUNDING PLAN AND SCHEMATIC GROUNDING DETAILS PANEL SCHEDULE SUPPLEMENTAL	G-001	TITLE SHEET	0	07/18/18	JR
	UTILITY COMPANIES POWER COMPANY: CENTRAL MARE POWER PHONE: (800) 666-4544 TELEPHONE COMPANY: UNISCOM PHONE: (764)	PROJECT TEAM TOWER OWNER: AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 ENGINEER: ATC TOWER SERVICES LLC 3500 REGENCY PARKWAY STE 100 CARY, NC 27516 PROPERTY OWNER: AMERICAN TOWER BY LLC OWNERS	PROJECT LOCATION DIRECTIONS FROM BATH, ME TAKE ROUTE 1 AND HEAD NORTH. IN WALDOBORO ON LEFT AFTER THE HILLSIDE COLLISION CENTER	G-002				
			C-101					
			C-501					
			C-502					
			E-101					
			E-501					
			E-502					
			R-001					
			R-002					

AMERICAN TOWER®
ATC TOWER SERVICES, LLC
3400 REGENCY PARKWAY
SUITE 100
CARY, NC 27516
PHONE: (919) 666-6113

THIS IS AN INSTRUMENT OF SERVICE. THE ACCOMPANYING SPECIFICATIONS ARE PART OF THE SERVICE CONTRACT. NO MODIFICATIONS OR VARIATIONS TO THESE SPECIFICATIONS SHALL BE EFFECTIVE UNLESS THEY ARE MADE IN WRITING BY THE COMPANY AND THE ENGINEER. THE COMPANY SHALL BE RESPONSIBLE FOR THE DESIGN OF THE PROJECT AND THE ENGINEER SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT. THESE DOCUMENTS SHALL BE THE PROPERTY OF THE COMPANY AND SHALL BE KEPT IN A SAFE PLACE UNTIL THE PROJECT IS COMPLETE. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PROJECT AND THE ENGINEER SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PROJECT AND THE ENGINEER SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JR	07/18/18
1			
2			
3			

ATC SITE NUMBER: 371996
ATC SITE NAME: WALDOBORO

SITE ADDRESS:
640 ATLANTIC HWY
WALDOBORO, ME 04572

Authorized by "EOR"
Jul 18 2018 5:21 PM COSIG

DRAWN BY	JR
APPROVED BY	KDF
DATE DRAWN	07/18/18
ATC JOB NO	15301276

TITLE SHEET	
SHEET NUMBER	G-001
REVISION	0





AMERICAN TOWER
ATC TOWER SERVICES, LLC
 3100 REGENCY PARKWAY
 CARY, NC 27518
 PHONE: (919) 463-1112

THIS DRAWING IS THE PROPERTY OF AMERICAN TOWER. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF AMERICAN TOWER, THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PROJECT. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS DRAWING.

REV.	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	JR	07/18/18

ATC SITE NUMBER
371996

ATC SITE NAME
WALDOBORO

SITE ADDRESS
 840 ATLANTIC HWY
 WALDOBORO, MD 20872



Authorized by "EOR"
 Jul 18 2018 5:22 PM ccsig



DATE	BY	REVISION
07/18/18	JR	0

GENERAL NOTES

SHEET NUMBER
G-002

REVISION
0

18. REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318 FROM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPICED LENGTHS SHOWN IN THE DRAWINGS. APPLY APPROPRIATE MODIFICATION FACTORS FOR TOP STEEL, BAR SPACING, COVER AND THE LIME.

19. DETAILS OF REINFORCING STEEL SHALL CONFORM TO ACI MANUAL OF STANDARD PRACTICE FOR CAST-IN-PLACE CONCRETE STRUCTURES (ACI 318).

20. ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS, UNLESS SHOWN IN THE CONTRACT DRAWINGS.

21. LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318 AND ACCEPTANCE OF THE ENGINEER. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT DETAILS FOR REVIEW AND APPROVAL. DETAILS SHALL BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DRAWINGS.

22. SPICES OF WAFF AT ALL SPICED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWEEN THE MOST CROSS VICES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRE PLUS 2 INCHES, NOT LESS THAN 6".

23. BAR SUPPORTS SHALL BE ALL-GALVANIZED METAL WITH PLASTIC TIPS.

24. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTRUCTION TRAFFIC OR CONCRETE. THE WIRE SHALL BE OF SUFFICIENT STRENGTH FOR INTENDED PURPOSE, BUT NOT LESS THAN NO. 18 GAUGE.

25. SLAB ON GROUND
 A. COMPACT STRUCTURAL FILL TO 95% DENSITY AND THEN PLACE 6" GRAVEL BENEATH
 B. PROVIDE VAPOR BARRIER BENEATH SLAB ON GROUND.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.

2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
 A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A572 OTHERWISE.
 B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.
 C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
 D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
 E. ASTM F-1554-07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE

3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION. GALVANIZING SHALL BE TO A MINIMUM OF 0.015 INCHES THICKNESS OF GALVANIZED PER ASTM A153 OR 8886.
 ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (Z) BRUSHED COATS OF ZINC GALVANITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

4. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.

5. CONNECTIONS
 A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.
 B. ALL WELDS SHALL BE INSPECTED VISUALLY 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
 C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
 D. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE BURGLARIZING RESULTS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
 E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
 F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLER WELDS, UNLESS NOTED OTHERWISE.
 G. PRIOR TO FIELD WELDING GALVANIZING MATERIALS, CONTRACTOR SHALL GROUND OFF GALVANIZING BY WELDING ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZINC GALVANITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

26. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SUCH UTILITIES SHALL BE PROTECTED TO REMAIN THROUGHOUT THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY REPRESENTATIVES EITHER TO THE EXISTING WORK, OR TO HIS WORK, OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
 ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE T-MOBILE WIRELESS REP. ANY WORK FOUND BY THE T-MOBILE WIRELESS REP TO BE OF POOR QUALITY OR NOT CONFORMING TO THE REQUIREMENTS OF THE T-MOBILE WIRELESS REP SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE UNTIL APPROVAL IS OBTAINED.

27. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

CONCRETE AND REINFORCING STEEL NOTES:

1. DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING, ACI 308, SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 318, BUILDING CODE REQUIREMENTS FOR CONSTRUCTION AND MATERIALS, AND ACI 311, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.

2. MIX DESIGN SHALL BE APPROVED BY T-MOBILE WIRELESS REP PRIOR TO PLACING CONCRETE. CONCRETE SHALL BE NORMAL WEIGHT 8 AIR ENTRAINMENT (4-1.5%) WITH A SLUMP RANGE OF 4-6 INCHES AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED.

3. THE FOLLOWING MATERIALS SHALL BE USED:
 PORTLAND CEMENT: ASTM C150, TYPE 2
 REINFORCEMENT BARS: ASTM A618, PLAIN STEEL WELDED WIRE FABRIC
 NORMAL WEIGHT AGGREGATE: ASTM C33
 WATER: ASTM C 94/C 94M
 ADMIXTURES:
 -REDUCING AGENT: ASTM C 994/C 994M, TYPE A
 -AIR ENTRAINING AGENT: ASTM C 260/C 260M
 -SUPERPLASTICIZER: ASTM C 994/C 994M, TYPE B
 -RETARDING: ASTM C 994/C 994M, TYPE B

4. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE NO LESS THAN 3" FOR ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 308 SECTION 4.2.4, UNLESS NOTED OTHERWISE.

5. A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 308 SECTION 4.2.4, UNLESS NOTED OTHERWISE.

6. INSTALLATION OF CONCRETE CUR ANCHORS SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDATIONS. THE ANCHOR BOLT, DONUT, OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR T-MOBILE WIRELESS REP APPROVAL WHEN DRILLING HOLES IN CONCRETE.

7. JOINTS SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN SECTION 1 OF ACI 308.

8. DO NOT WELD OR TACK WELD REINFORCING STEEL.

9. ALL DOWNERS, ANCHOR BOLTS, EMBEDDED STEEL ELECTRICAL CONDUITS, PIPE BREECHES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.

10. REINFORCEMENT SHALL BE COLD BENT WHEREVER BENDING IS REQUIRED.

11. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.

12. DO NOT ALLOW REINFORCEMENT, CONCRETE OR SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.

13. FOR COLDCAST (WINTER) AND HOT-WEATHER (HOT) CONCRETE PLACEMENT, CONFORM TO THE MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR ALL MATERIALS CONTAINING CHLORIDE, CALCIUM SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM.

14. ALL CONCRETE SHALL HAVE A "SMOOTH FORM FINISH".

15. UNLESS OTHERWISE NOTED
 A. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A618A
 B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A182

16. SPACING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING AHS ENR-222, AND COMPLY WITH ATC MASTER SPECIFICATIONS.

2. CONTRACTOR SHALL CONTACT LOCAL 911 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.

4. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.

5. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.

6. OTHERS ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.

7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

8. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.

9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.

10. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE UNSUITABLE OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE T-MOBILE WIRELESS REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE T-MOBILE WIRELESS REP PRIOR TO PROCEEDING.

11. EACH CONTRACTOR SHALL COOPERATE WITH THE T-MOBILE WIRELESS REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.

12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO EXISTING UTILITIES OR CONDITIONS TO THE SATISFACTION OF THE T-MOBILE WIRELESS CONSTRUCTION MANAGER.

13. ALL CABLE/CONEC ENTRENCHMENT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.

14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE T-MOBILE WIRELESS REP IMMEDIATELY.

15. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THE PROJECT.

16. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.

17. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.

18. CONTRACTOR SHALL FURNISH T-MOBILE WIRELESS WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.

19. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE WIRELESS REP TO DETERMINE WHAT IF ANY PERMITS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

20. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE WIRELESS REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.

21. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH T-MOBILE WIRELESS SPECIFICATIONS AND REQUIREMENTS.

22. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO T-MOBILE WIRELESS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

23. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO T-MOBILE WIRELESS SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.

24. CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.

25. CONTRACTOR SHALL NOTIFY T-MOBILE WIRELESS REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.

26. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING BUT NOT LIMITED TO: SAFETY BARRIERS, TRAFFIC CONTROL, FLAGGING BARRIERS, ETC.

27. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION AND SUCH PERMITS SHALL BE OBTAINED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY REPRESENTATIVES EITHER TO THE EXISTING WORK, OR TO HIS WORK, OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.

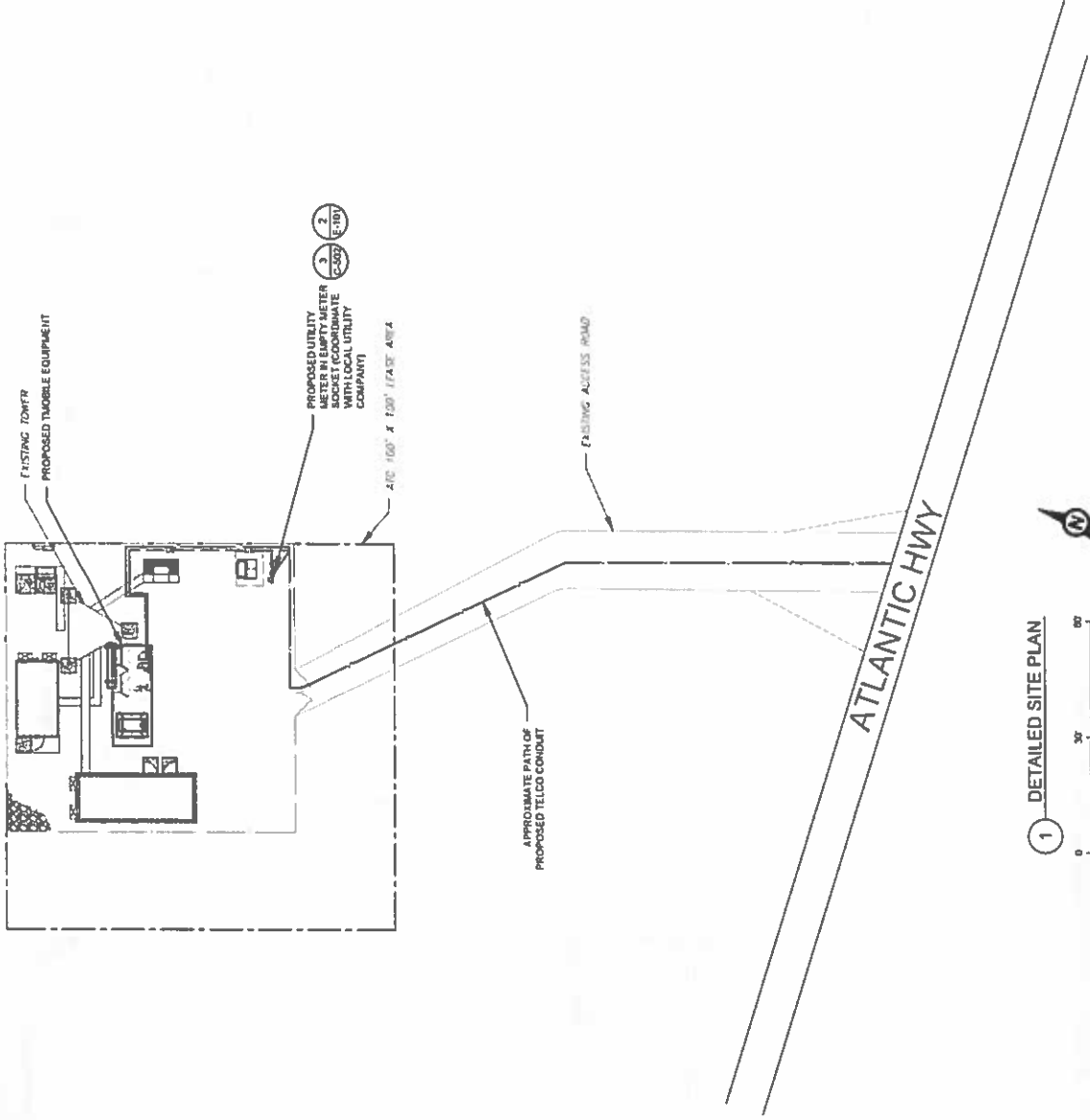
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29. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION AND SUCH PERMITS SHALL BE OBTAINED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY REPRESENTATIVES EITHER TO THE EXISTING WORK, OR TO HIS WORK, OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.

30. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION AND SUCH PERMITS SHALL BE OBTAINED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY REPRESENTATIVES EITHER TO THE EXISTING WORK, OR TO HIS WORK, OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.

LEGEND

---	EXISTING PROPERTY LINE
---	EXISTING PROPERTY LINE ADJACENT
---	EXISTING EASEMENT




AMERICAN TOWER
ATC TOWER SERVICES, LLC
 3188 FREQUENCY PARKWAY
 SUITE 100
 GAITHERSBURG, MD 20878
 PHONE: (410) 484-8112

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE LOCATION AND SHALL NOT BE REPRODUCED OR USED FOR OTHER THAN THE PROJECT AND SITE SPECIFIC PURPOSES. THESE DRAWINGS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER SERVICES, LLC AND SHALL NOT BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF AMERICAN TOWER SERVICES, LLC. ANY REPRODUCTION OR USE OF THESE DRAWINGS FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF AMERICAN TOWER SERVICES, LLC SHALL BE CONSIDERED A VIOLATION OF THE TERMS AND CONDITIONS OF THE LICENSE AGREEMENT ENTERED INTO BY THE CLIENT AND AMERICAN TOWER SERVICES, LLC.

REV.	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	JL	07/18/18
2			
3			

ATC SITE NUMBER
371996

ATC SITE NAME
WALDOBORO

SITE ADDRESS
 640 ATLANTIC HWY
 WALDOBORO, ME 04572



Authorized by "EOR"
 Jul 18 2018 5:22 PM cosign

T-Mobile

DRAWN BY	JR
APPROVED BY	KRF
DATE DRAWN	07/18/18
ATC JOB NO	12591-278

OVERALL PARCEL PLAN

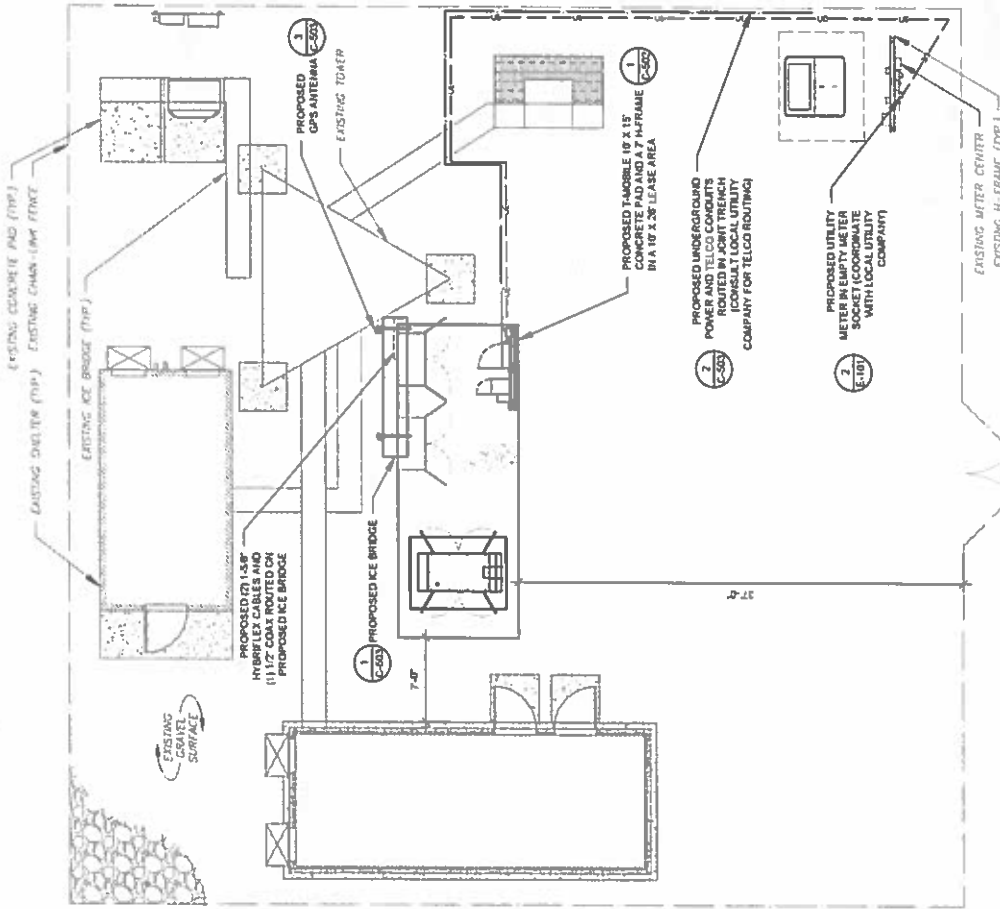
SHEET NUMBER	V-101
REVISION	0

1 DETAILED SITE PLAN

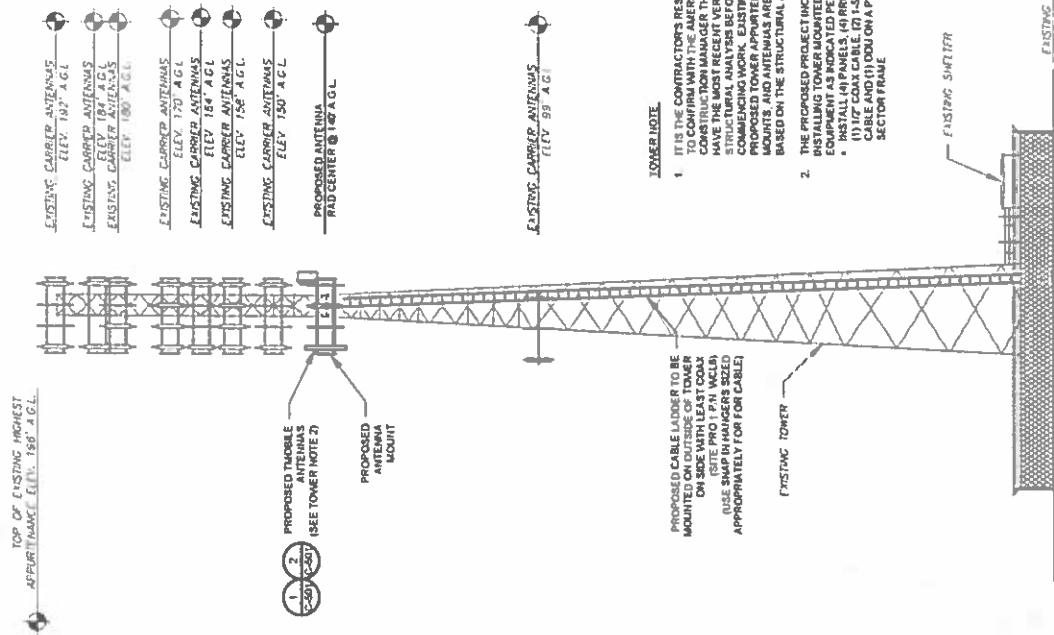
SCALE: 1"=30' (11/17)
 1"=15' (2/23/14)

SITE PLAN NOTES

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN, BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT. CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.



1 DETAILED SITE PLAN
SCALE: 1"=10'(11X17)
1"=5'(22X34)



TOWER NOTE

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE AMERICAN TOWER CONSTRUCTION MANAGER THAT THEY WILL BE RESPONSIBLE FOR THE PERFORMING OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. THE PROPOSED PROJECT INCLUDES INSTALLING TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:
 - * (1) 10' COAX CABLE (C) 1.58" HYBRID FIBER OPTIC CABLE AND (1) ODU ON A PROPOSED SECTOR FRAME

AMERICAN TOWER
ATC TOWER SERVICES, LLC
344 REGENCY PARKWAY
SUITE 100
BALTIMORE, MD 21201
PHONE: (410) 444-9112

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS SHALL BE CONSIDERED THE SOLE PROPERTY OF AMERICAN TOWER. THEIR USE AND REPRODUCTION FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY AMERICAN TOWER IS STRICTLY PROHIBITED. ANY REUSE OR REPRODUCTION OF THESE DRAWINGS WITHOUT THE WRITTEN PERMISSION OF AMERICAN TOWER IS STRICTLY PROHIBITED. ANY REUSE OR REPRODUCTION OF THESE DRAWINGS WITHOUT THE WRITTEN PERMISSION OF AMERICAN TOWER IS STRICTLY PROHIBITED.

REV. DESCRIPTION BY DATE
FOR CONSTRUCTION JR. 07/18/18

ATC SITE NUMBER
371996

ATC SITE NAME
WALDOBORO

SITE ADDRESS
640 ATLANTIC HWY
WALDOBORO, ME 04872

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T-Mobile

DRAWN BY: JR	APPROVED BY: EOR	DATE DRAWN: 07/18/18
ATC JOB NO: 12501278	DETAILED SITE PLAN & TOWER ELEVATION	
SHEET NUMBER: C-101	REVISION: 0	



AMERICAN TOWER®
ATC TOWER SERVICES, LLC
 3440 REGENCY PARKWAY
 SUITE 100
 CANTON, MA 01913
 PHONE: (508) 444-8112

THESE DRAWINGS UNDER THE ACCOMPANYING AGREEMENT OF WORK SHALL BE THE PROPERTY OF AMERICAN TOWER. THESE DRAWINGS AND ANY INFORMATION CONTAINED HEREIN SHALL BE REFLECTED TO THE COMPANY AND ITS AFFILIATES AND NOT TO ANY OTHER PARTY. ANY REVISIONS TO THESE DRAWINGS SHALL BE THE PROPERTY OF AMERICAN TOWER. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY PERMITS AND APPROVALS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY MATERIALS AND EQUIPMENT. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY LABOR AND SERVICES. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY UTILITIES AND CONNECTIONS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY SAFETY AND PROTECTION MEASURES. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY RECORD DRAWINGS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY AS-BUILT DRAWINGS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY CONSTRUCTION DOCUMENTS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY PERMITS AND APPROVALS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY MATERIALS AND EQUIPMENT. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY LABOR AND SERVICES. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY UTILITIES AND CONNECTIONS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY SAFETY AND PROTECTION MEASURES. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY RECORD DRAWINGS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY AS-BUILT DRAWINGS. THE COMPANY SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY CONSTRUCTION DOCUMENTS.

REV	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	JR	07/18/18
2			
3			
4			

ATC SITE NUMBER:

371996

ATC SITE NAME:

WALDOBORO

SITE ADDRESS:

540 ATLANTIC HWY

WALDOBORO, ME 04272

SEAL



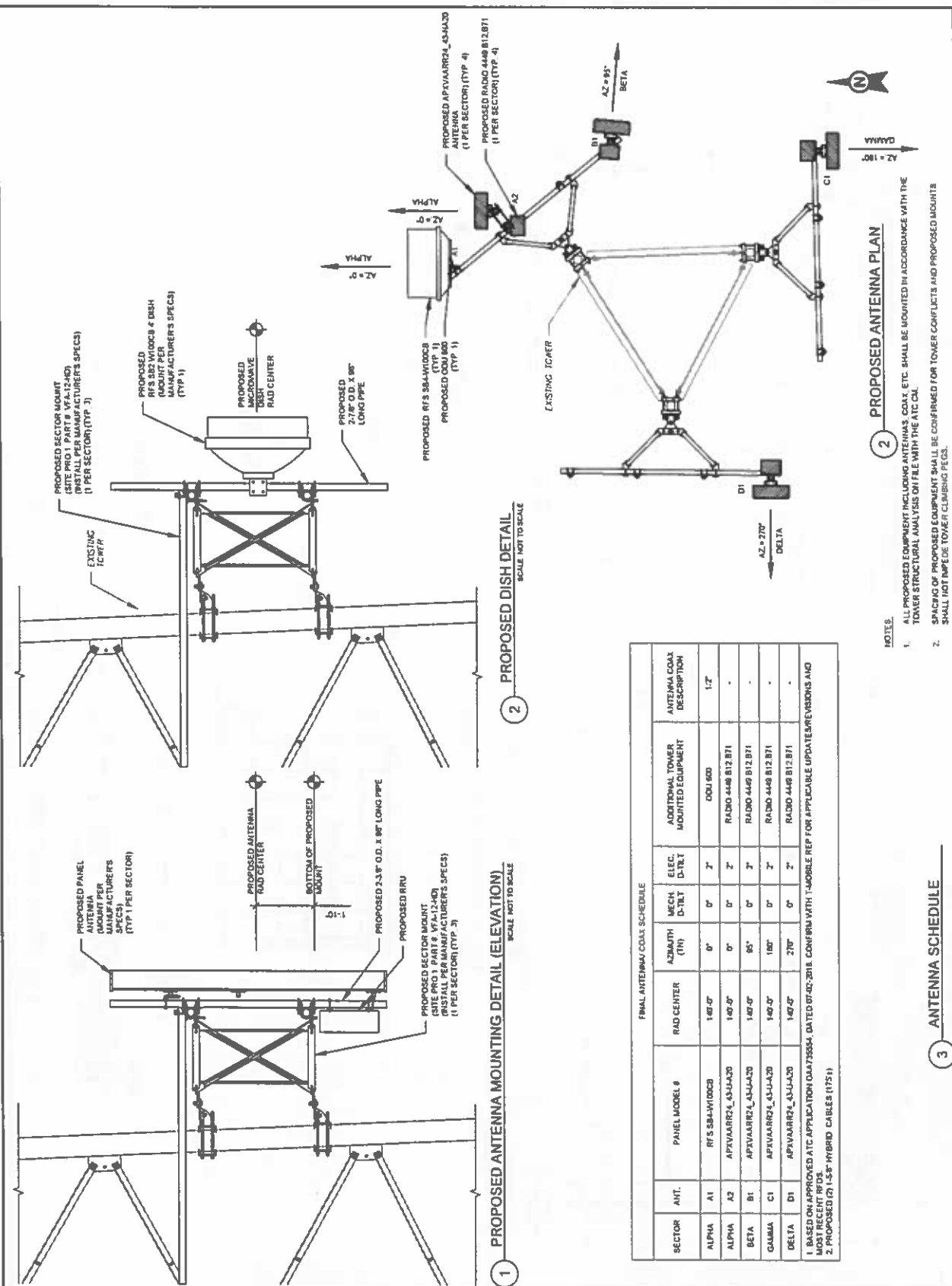
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DRAWN BY	JR
APPROVED BY	KRF
DATE DRAWN	07/18/18
ATC JOB NO.	12501278

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER	REVISION
C-501	0



2 PROPOSED ANTENNA PLAN

2 PROPOSED DISH DETAIL
SCALE: NOT TO SCALE

1 PROPOSED ANTENNA MOUNTING DETAIL (ELEVATION)
SCALE: NOT TO SCALE

NOTE:
 1. ALL PROPOSED EQUIPMENT INCLUDING ANTENNAS, COAX, ETC. SHALL BE MOUNTED IN ACCORDANCE WITH THE TOWER STRUCTURAL ANALYSIS ON FILE WITH THE ATC CHL.
 2. SPACING OF PROPOSED EQUIPMENT SHALL BE CONFIRMED FOR TOWER CONFLICTS AND PROPOSED MOUNTS SHALL NOT IMPEDE TOWER CLIMBING PEGS.

FINAL ANTENNA/COAX SCHEDULE

SECTOR	ANT.	PANEL MODEL #	RAD CENTER	AZIMUTH (°)	MECH D-TILT	ELEC. D-TILT	ADDITIONAL TOWER MOUNTED EQUIPMENT	ANTENNA COAX DESCRIPTION
ALPHA	A1	RF S 584-W1000B	140'-0"	0°	0°	2°	COAX 600	1/2"
ALPHA	A2	APTVAARR24_43U-A320	140'-0"	0°	0°	2°	RADIO 4448 B12 B71	-
BETA	B1	APTVAARR24_43U-A320	140'-0"	95°	0°	2°	RADIO 4448 B12 B71	-
GAMMA	C1	APTVAARR24_43U-A320	140'-0"	180°	0°	2°	RADIO 4448 B12 B71	-
DELTA	D1	APTVAARR24_43U-A320	140'-0"	270°	0°	2°	RADIO 4448 B12 B71	-

1. BASED ON APPROVED ATC APPLICATION 04473554, DATED 07-02-2018. CONFIRM WITH T-MOBILE RE: FOR APPLICABLE UPDATE REVISIONS AND MOST RECENT REFS.
 2. PROPOSED (D) 1/2" HYBRID CABLES (1751)

3 ANTENNA SCHEDULE



AMERICAN TOWER
ATC TOWER SERVICES, LLC
 1140 REGENCY PARKWAY
 SUITE 100
 CARLETON, NJ 07633
 PHONE: (911) 444-1132

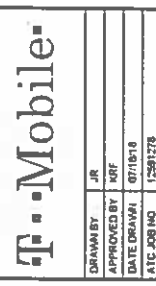
THESE DRAWINGS SHOW THE APPROXIMATE LOCATION OF THE TOWER. THE EXACT LOCATION OF THE TOWER SHALL BE DETERMINED BY THE LOCAL JURISDICTION. THE DRAWING IS NOT TO BE USED FOR CONSTRUCTION OF THE TOWER. THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSES.

REV.	DESCRIPTION	BY	DATE
01	FOR CONSTRUCTION	JR	07/18/18

ATC SITE NUMBER: **371996**
 ATC SITE NAME: **WALDOBORO**
 SITE ADDRESS: **140 ATLANTIC HWY**
WALDOBORO, NE 04722



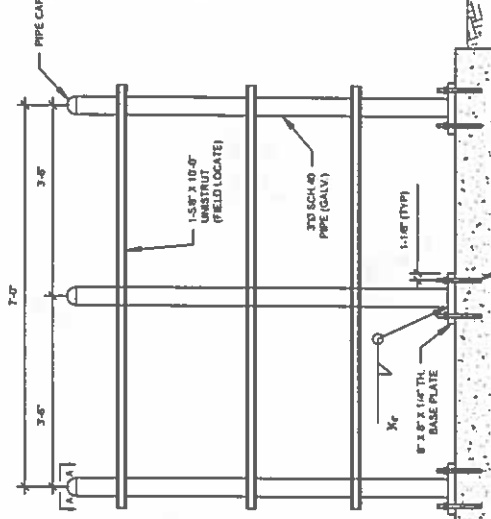
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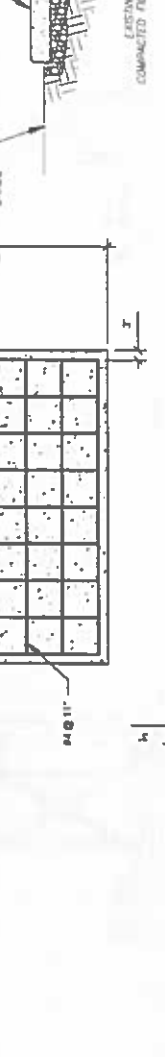
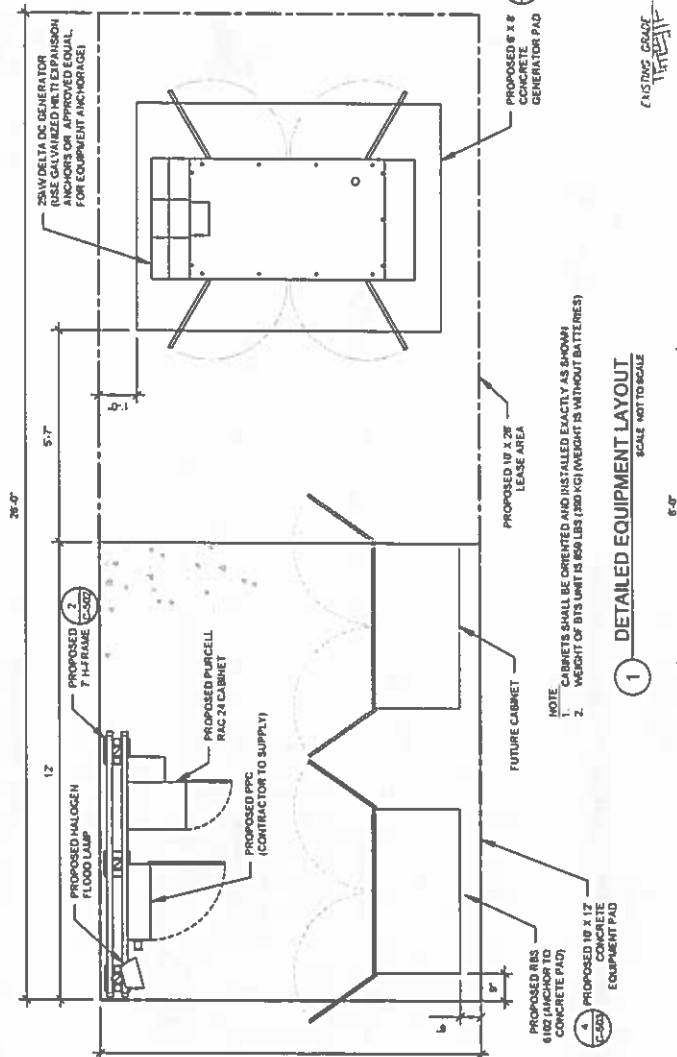
CONSTRUCTION
 DETAILS

SHEET NUMBER	REVISION
C-502	0

- H-FRAME NOTES:**
- IF IT IS NECESSARY TO EXTEND THE H-FRAME, AN ADDITIONAL POST WILL ALWAYS BE REQUIRED.
 - PROPOSED UNISTRUTS TO BE FIELD CUT AND SHOULD NOT EXTEND MORE THAN 6 INCHES BEYOND THE LAST POST.
 - SPRAY ENDS OF UNISTRUT WITH COLD GALVANIZING SPRAY PAINT. ALLOW TO DRY. THEN COVER WITH RUBBER PROTECTIVE CAPS FOR SAFETY.
 - UNISTRUT TO BE CUT FLUSH WITH NO SHARP OR JAGGED EDGES.
 - ALL PROPOSED HARDWARE TO BE MOUNTED PER MANUFACTURER'S SPECS.



- PAD NOTES:**
- SUBGRADE AND FILL SHALL CONSIST OF CLEAN SOIL. DELETERIOUS MATERIAL AND ORGANICS SHALL BE REMOVED.
 - MECHANICALLY COMPACT FOOTPRINT OF PAD PLUS 2' PERIMETER.
 - USE GALVANIZED MULTI EXPANSION ANCHORS OR APPROVED EQUAL FOR EQUIPMENT ANCHORAGE.
 - FOR SIZE AND LOCATION OF ANCHORS AND OTHER REQUIREMENT, SEE EQUIPMENT VENDOR DRAWINGS.



- PAD NOTES:**
- PADS SHALL BE PRECAST MATCHING THIS DESIGN WHERE ALLOWED BY LOCAL JURISDICTION.
 - REFER TO CONCRETE & REINFORCED STEEL NOTES ON SHEET C-002 & ATC SPEC 03000 FOR CAST-IN-PLACE PADS.
 - AFTER FINAL SET OF GENERATOR ON PAD, GROUT ALL EXTERIOR OPENINGS AT PAD INTERFACE SO THAT FRESH CONCRETE WILL BE PER ATC MASTER SPECIFICATION DIVISION 03 CONCRETE.

3 REINFORCED GENERATOR PAD LAYOUT
 SCALE: N.T.S.

4 GENERATOR PAD GRAVEL PREPARATION
 SCALE: N.T.S.

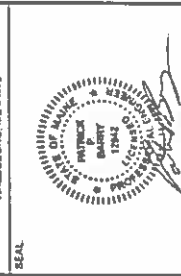
2 TYPICAL H-FRAME DETAIL
 SCALE: NOT TO SCALE



THESE OR SIMILAR MARKS ON THE ACCOMPANYING DRAWINGS SHALL BE REFLECTED TO THE ORIGINAL SITE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO ANY TRENCHING OR EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.

REV.	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	JL	07/18/18

ATC SITE NUMBER: 371996
 ATC SITE NAME: WALDOBORO
 SITE ADDRESS: WASHINGTON HWY, WALDOBORO, ME 04572

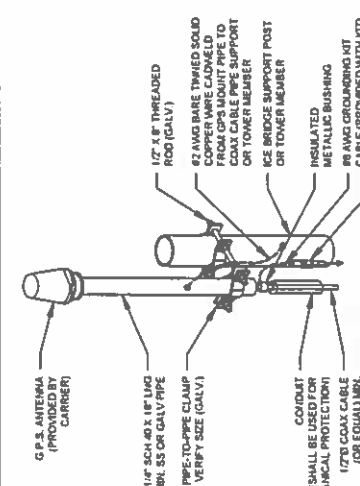


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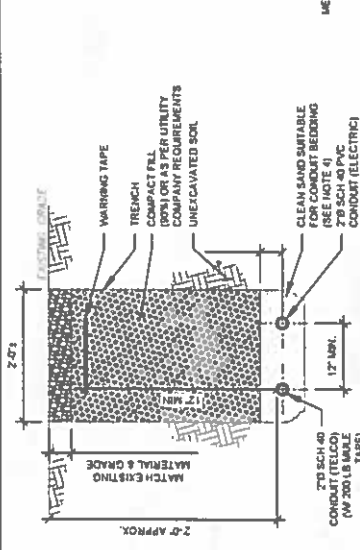
CONSTRUCTION DETAILS

SHEET NUMBER	C-503
REVISION	0

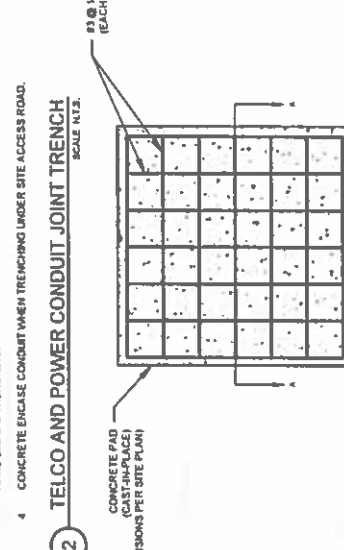


3 GPS ANTENNA ATTACHMENT DETAIL
 SCALE: NOT TO SCALE

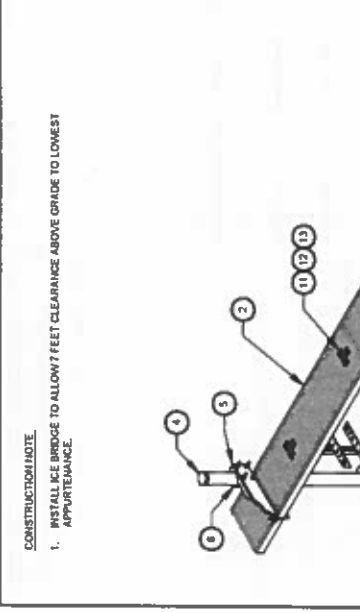
NOTE:
 1. GPS SHALL BE PLACED METRIC CLEAR ABOUT 1/2 INCH TO THE SOUTHERN SKY.
 2. CONTRACTOR TO SUPPLY COAT FOR GPS UNIT.



2 TELCO AND POWER CONDUIT JOINT TRENCH
 SCALE: NOT TO SCALE



4 CONCRETE PAD FOR MINOR EQUIPMENT
 SCALE: NOT TO SCALE

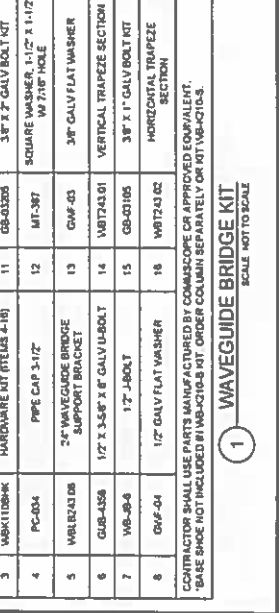


1 WAVEGUIDE BRIDGE KIT
 SCALE: NOT TO SCALE

1. INSTALL ICE BRIDGE TO ALLOW 7 FEET CLEARANCE ABOVE GRADE TO LOWEST APPURTENANCE.

ITEM	PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
1	MT-128-01 MF-130	10" COLUMN & BASE HOSE 13" PIPE COLUMN	9	CYL-04 1/2" GALV LOCK WASHER
2	WB-C7210	SAFETY GRATING 24" X 10"	10	GH-04 1/2" GALV HEX NUT
3	WBK11084K	HARDWARE KIT (ITEMS 4-10)	11	GB-03205 3/8" X 2" GALV BOLT KIT
4	PC-04	PIPE CAP 3/1/2"	12	MT-387 SQUARE WASHER, 1 1/2" X 1 1/2" W/ FINISH
5	WB-R243-08	25" WAVEGUIDE BRIDGE SUPPORT BRACKET	13	GNF-03 3/8" GALV FLAT WASHER
6	GUB-4358	1/2" X 3.548" X 6" GALV U-BOLT	14	WB1743-01 VERTICAL TRAPEZE SECTION
7	WB-09-4	1/2" J-BOLT	15	GB-01105 3/8" X 1" GALV BOLT KIT
8	GNF-04	1/2" GALV FLAT WASHER	16	WB1743-02 HORIZONTAL TRAPEZE SECTION

CONTRACTOR SHALL USE PARTS MANUFACTURED BY COMBSCO OR APPROVED EQUIVALENT. BASE SHOE NOT INCLUDED IN WB-C108 KIT. ORDER COLUMN SEPARATELY ON KIT WB-C103.





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REV.	DESCRIPTION	BY	DATE
1	FOR CONSTRUCTION	JL	07/18/18

ATC SITE NUMBER: 371996
 ATC SITE NAME: WALDOBORO
 SITE ADDRESS: 840 ATLANTIC HWY, WALDOBORO, ME 04572



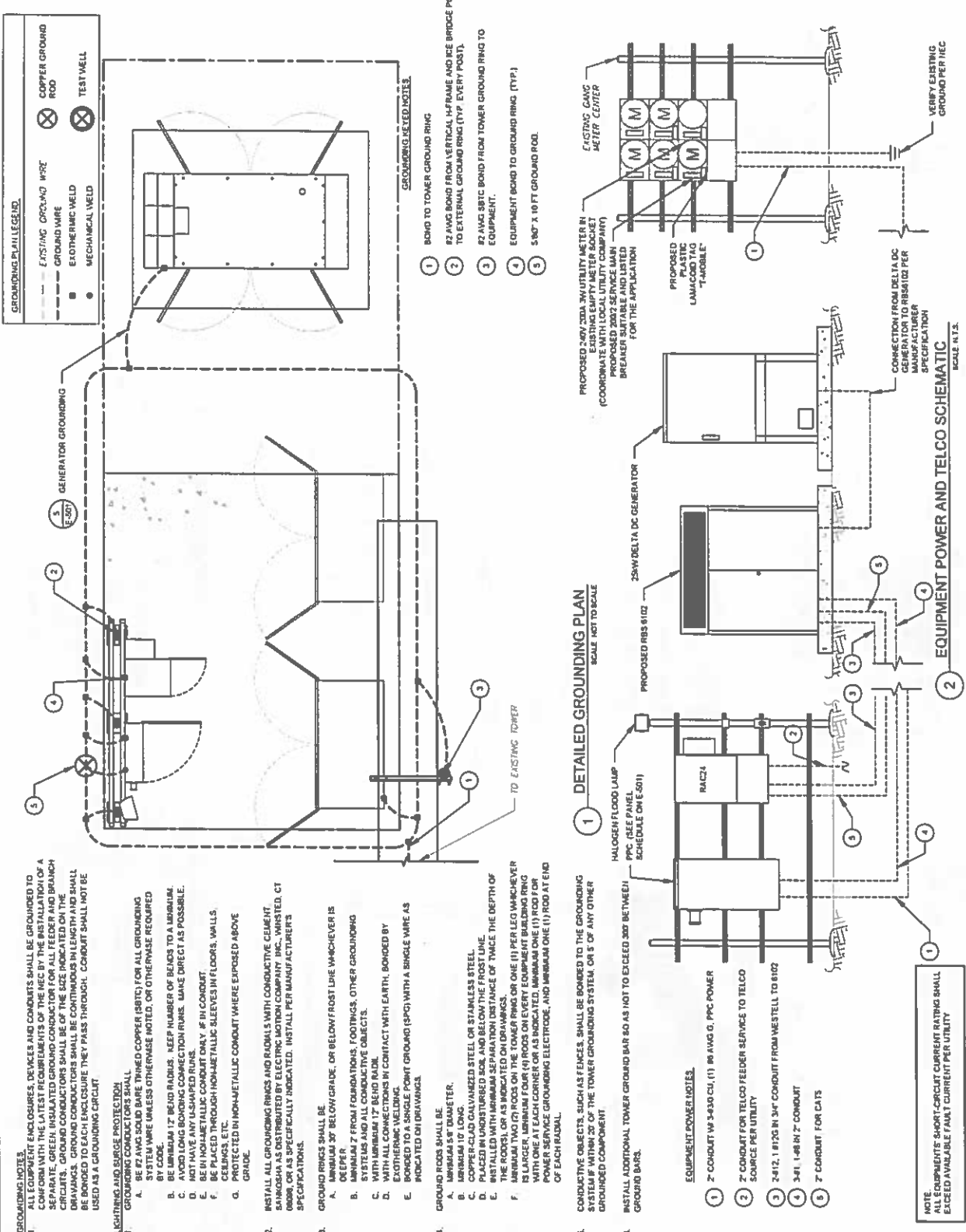
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DRAWN BY: JR	APPROVED BY: KRF
DATE DRAWN: 07/18/18	ATC JOB NO: 12561278

GROUNDING PLAN AND SCHEMATIC

SHEET NUMBER: E-101	REVISION: 0
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THESE DRAWINGS INCLUDE THE ACCOMPANYING SPECIFICATIONS AND NOTES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES.

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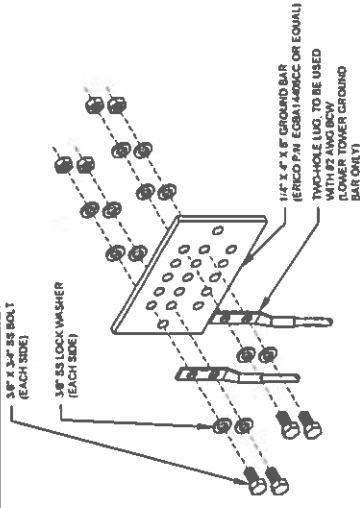
ATC SITE NUMBER
371996
ATC SITE NAME
WALDOBORO
SITE ADDRESS
80 ATLANTIC HWY
WALDOBORO, ME 04172



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DRAWN BY	JR
APPROVED BY	KRT
DATE DRAWN	07/18/18
ATC JOB NO	1291278

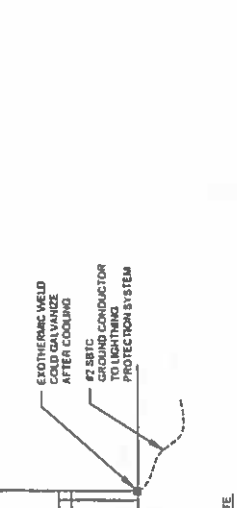
GROUNDING DETAILS	
SHEET NUMBER	E-501
REVISION	0



- GROUND BAR NOTES**
- GROUND BAR NUTS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING HARDWARES.
 - GROUND BAR TO BE BONDED DIRECTLY TO TOWER.



- GROUND KIT NOTES**
- DO NOT REMOVE CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT DOWN TO GROUND BAR.
 - CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL TAPE PER MANUFACTURER'S SPECIFICATIONS.

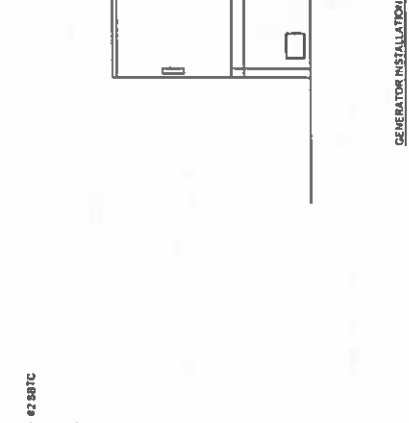


- NOTES**
- THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
 - GROUNDING STANDARDS, LATEST EDITION, AND COMPANY WITH LATEST GROUNDING CHECKLIST, LATEST VERSION, NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRIKING THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: NOT TO SCALE

2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: NOT TO SCALE

3 TOWER GROUND BAR DETAIL
SCALE: NOT TO SCALE

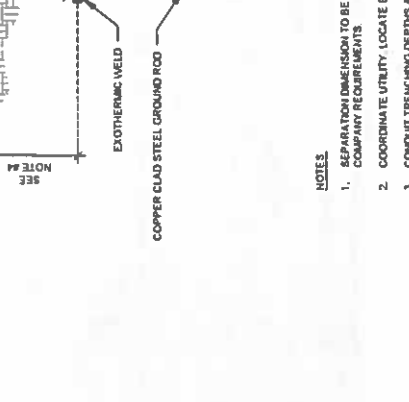


- GENERATOR INSTALLATION NOTE**
- INSTALL GENERATOR AND TRANSFER SWITCH WITH ALL SUPPLIED ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND FOLLOW THE FOLLOWING REQUIREMENTS: THE TRANSFER SWITCH SHALL BE THE BREAKER SYSTEM ENCLOSED IN WEATHER PROOF COVER, ETC.; ELECTRICAL CONNECTIONS AND GROUNDING CONNECTIONS.

4 GROUND ROD DETAIL
SCALE: NOT TO SCALE

- NOTES**
- SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS
 - COORDINATE UTILITY. LOCATE BEFORE DIGGING.
 - CONDUIT TRENCHING DEPTHS AT 36\"/>

5 GENERATOR GROUNDING
SCALE: NOT TO SCALE



- GENERATOR GROUNDING**



AMERICAN TOWER
 ATC TOWER SERVICES, LLC
 3400 REGENCY PARKWAY
 SUITE 100
 CALAHESS, FL 33450
 PHONE: (813) 482-8112

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1	FOR CONSTRUCTION	JR	07/18/18

ATC SITE NUMBER
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ATC SITE NAME
WALDOBORO

SITE ADDRESS
 640 ATLANTIC HWY
 WALDOBORO, ME 04572

SEAL



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DRAWN BY	JR
APPROVED BY	GR
DATE DRAWN	07/18/18
ATC JOB NO	12581278

PANEL SCHEDULE

SHEET NUMBER	E-502
REVISION	0

PANEL DESIGNATION	PPC	TYPE MOUNTING ENCLOSURE	LIGHTING & AFFLIANCE SURFACE	SYSTEM MAIN BREAKER (MB) MAIN BUS RATING MIN. A.I.C. RATING	LOCATION	T-MOBILE LEASE AREA	PANEL NOTES	INTERGRATED COMMUNICATION POWER PANEL (PC)	FEEDER OR BRANCH CIRCUIT			FEEDER OR BRANCH CIRCUIT			BRIEF DESCRIPTION		CONNECTED LOAD (kVA)	
									BREAKER AMPS	POLES	WIRES	COND.	GND.	WIRES	COND.	GND.	A	B
9.60		6102 Cabinet		100	2	3-#1	1-#8	2"	1	1-#12	2-#12	1	15	RECEPTACLE	0.18	0.50		
0.00					3				5					LIGHT	0.00	0.00		
0.00					4				6						0.00	0.00		
0.00					7				8						0.00	0.00		
0.00					8				10						0.00	0.00		
0.00					11				12						0.00	0.00		
0.00					13				14						0.00	0.00		
0.00					15				16						0.00	0.00		
0.00					17				18						0.00	0.00		
0.00					19				20						0.2	0.5		
9.6	9.6				A	B	TOTAL											
					9.8	10.1	19.9	CONNECTED LOAD (kVA)										
					9.8	10.1	19.9	DEMAND LOAD (kVA)										
											DERATING FACTOR (80%)		105	AMPS				
											DEMAND LOAD SIZING							

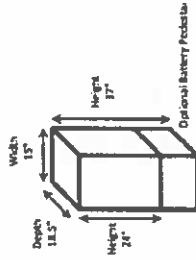
1 PANEL SCHEDULE
 SCALE: NOT TO SCALE

RAC24

RAC® Series

Technical Specifications

Exterior Dimensions



Power Distribution

- AC power distribution
- DC power distribution

Battery Pedestal Option

- Open air environment, will support 62Ah batteries
- Compatible with pad, pole, or wall mount

Thermal Management Options

- Blank flange
- Louvered inlets with removable filters
- Direct Air Cooling: +24VDC, -48VDC, or 120VAC with GORE filter for environmental protection
- Thermoelectric Cooling: +24VDC or -48VDC, slide mount
- Air Conditioner: 2,000 BTU/hr with integrated heater, side mount

Additional Options

- AC receptacle: Two outlet 15A standard
- Grounding: 8 position ground bar (a second 8 position ground bar with AC power distribution)
- Alarm block: 6 position or 12 position

Weight

- 35 lbs cabinet only
- 50 lbs cabinet with direct air cooling option
- 67 lbs with thermoelectric cooling option
- 85 lbs with 2K air conditioner option

Agency Information

- UL 508A, NEMA 3R

Warranty

- 5 years enclosure/1 year thermal system

Interior Dimensions

- 23.7" x 14" W x 17.5" D

Construction Materials

- Aluminum (lightweight, corrosion-resistant)
- Paint: polyester powder coat

Door/Side Panel Construction

- Front door with alarm
- Removable back panel for rear equipment access
- Dual-point latched and pad lockable (padlock provided by end-user)

Equipment Mounting

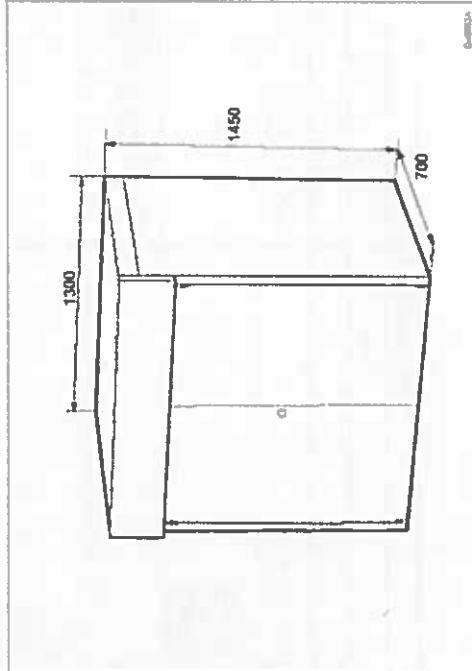
- SRU of equipment space, 19" vertically mounted
- Adjustable from front to back; 4 positions

Mounting Options

- Wall mount
- Pole mount
- Pad mount (with battery pedestal)

Table 1 Dimensions, Weight, and Color

Dimensions	
Height	1450 mm
Width	1300 mm
Depth	700 mm
Weight	
RBS (standard equipment) without backup batteries	300 kg
Color	
Gray	Reference number: RAL 7035, glossy



Purcell Systems, Inc.
16125 East Euclid Avenue Spokane Washington 99216
Phone: 509.755.0341 www.purcellsystems.com



1 CABINET CONFIGURATION

SCALE: NOT TO SCALE

2 CABINET CONFIGURATION

SCALE: NOT TO SCALE

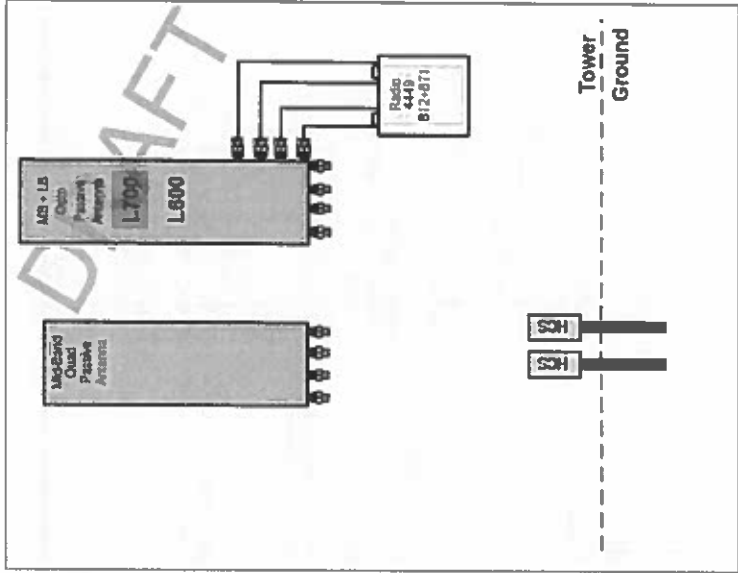
SUPPLEMENTAL

SHEET NUMBER	R-601
REVISION	0

NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

Proposed RAN Equipment	
Template: 4Sec-577006A	
Enclosure	1
Enclosure Type	RBS 6102 MIU AC
Baseband	BB 5216 L700 L600
Hybrid Cable System	Ericsson 6x12 HCS *Select Length & AWG* (L2)
Multiplexer	XMI L700 L600
RAN Scope of Work:	
This site is L600 only.	

1 CABINET CONFIGURATION
SCALE: NOT TO SCALE



2 ANTENNA CONFIGURATION
SCALE: NOT TO SCALE

SUPPLEMENTAL

SHEET NUMBER
R-602

REVISION
0

Site Plan Signature Page

American Tower

ATC Site name: Waldoboro

ATC Site Number 3719966

T-Mobile Site ID 4PB0399A

Site Address 640 Atlantic Highway, Waldoboro Maine 04572

T-Mobile L600 NSD Collocation Plan (4SEC-67D00A Configuration

Reviewed by the Waldoboro Planning Board on: _____

Approval Block: Waldoboro Planning Board

Date: _____
