

THIRD AMENDMENT TO ELEVATED WATER TANK SPACE LICENSE AGREEMENT

THIS THIRD AMENDMENT (“Third Amendment”) is made and entered into as of the ____ day of _____, 2016, to that certain Elevated Water Tank Space License Agreement, dated March 23, 2004 (“License Agreement”) as amended by the First Amendment to the Elevated Tank Space Agreement, dated September 10, 2013 (“First Amendment”), and the Second Amendment to the Elevated Water Tank Space License Agreement dated October 20, 2015 (“Second Amendment”), by and between Indian River County, a political subdivision of the State of Florida, whose address is 1801 27th Street, Vero Beach, Florida 32960 (the “Licensor”) and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosgo Drive, Atlanta, Georgia 30324 (the “Licensee”).

WHEREAS, on March 23, 2004, Licensor and Licensee’s predecessor in interest entered into the License Agreement in which Licensor authorized certain use of the Land and Elevated Tank, as set forth more fully therein which License Agreement was amended by the First Amendment and Second Amendment (collectively the “Agreement”); and

WHEREAS, Licensee desires to install and operate Additional Radio Communication Equipment on the Land and Elevated Tank, which equipment is described more fully on Exhibit F attached hereto (“Additional Radio Communication Equipment”); and

WHEREAS, Licensor is willing to allow installation of the Additional Equipment, and related use of the Land and Elevated Tank, in accordance with the terms of this Third Amendment,

NOW, THEREFORE, in consideration of the mutual undertakings herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

1. **Recitals.** The above recitals are true and correct, and are incorporated herein.
2. **Additional Radio Communication Equipment.** Licensee shall have the right to install and operate Additional Radio Communication Equipment as more fully described in Exhibit F, subject to the remaining terms of the Agreement and this Third Amendment. Installation of the Additional Radio Communication Equipment shall be strictly in accordance with the construction drawings previously submitted by Licensee and approved by Licensor’s outside contractor (“CD’s”) attached herein in Exhibit F. Said CD’s shall also reflect any existing equipment that will remain on the Land and Elevated Tank. Licensee shall be responsible for all permits and assurances that installation of the Additional Radio Communication Equipment meets all applicable building codes and zoning requirements. Licensor authorizes Licensee to prepare, execute, and file all required applications to obtain any government approvals for Licensee’s use of the Land and Elevated Tank under this Agreement. No later than ninety (90) days after installation of the Additional Radio Communication Equipment, Licensee shall obtain (at Licensee’s expense) an

inspection conducted by Licensor's outside contractor of all equipment and the installation of the Additional Radio Communications Equipment to confirm compliance with the approved CD's. Any material non-compliance with the approved CD's shall be corrected immediately. No later than ninety (90) days after installation of Additional Radio Communication Equipment, Licensee shall hire Licensor's outside contractor at Licensee's expense, to perform any touch up to paint and finishes that were affected by installation of the Additional Radio Communication Equipment or relocation of existing equipment. A copy of the final inspection report shall be submitted to the Licensor within twenty (20) days of the report date.

3. Labeling of Equipment. In connection with the installation of the Additional Radio Communication Equipment, Licensee shall label all of its equipment, including coaxial cables, located or to be located on the Land and Elevated Tank, so that Licensor and its contractors are able to distinguish Licensee's equipment from equipment owned by other licensees. This requirement shall apply to all equipment/cables, not just the Additional Radio Communication Equipment. Verification of labeling shall be included with the copy of the final inspection report as described in Section 2 of this Third Amendment.

4. License Fee. Commencing upon completion of installation of the Additional Radio Communication Equipment, Generator, the annual license fee shall be increased to FIFTY-SEVEN THOUSAND, FIVE HUNDRED NINETY-THREE and 16/100 DOLLARS (\$57,593.16) to be paid in equal monthly installments of FOUR THOUSAND SEVEN HUNDRED NINETY-NINE and 43/100 DOLLARS (\$4,799.43).

5. Notices. Notices to the Licensee shall be addressed to the following:

Licensee: NEW CINGULAR WIRELESS PCS, LLC
Billing Address: New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration
Re: Cell Site Name: WEST VERO (FL)
Fixed Asset No: 10032101
575 Morosgo Drive
Atlanta, GA 30324


With a copy to: NEW CINGULAR WIRELESS PCS, LLC
Attn: AT & T Legal Department
Re: Cell Site Name: WEST VERO (FL)
Fixed Asset No: 10032101
208 S. Akard Street
Dallas, TX 75202-4206

6. Remaining Terms. Except as modified herein, all remaining terms and conditions of the Agreement shall remain in full force and effect. Capitalized terms not defined herein shall have the meaning set forth in the Agreement.

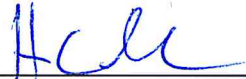
IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the day and year first above written.

Witnesses:

By: 
Print Name: Amy M. Meek

By: 
Print Name: Jose A. Cruz

Licensee:
NEW CINGULAR WIRELESS PCS, LLC,
a Delaware limited liability company
By: AT&T Mobility Corporation
Its: Manager

By: 
Print name: Henry Galan
Its: Area Manager
Date: 11-03-16
RE & Construction

STATE OF FLORIDA)
COUNTY OF SEMINOLE)

On the 3rd day of NOVEMBER, 2016, before me, a Notary Public, personally appeared HENRY GALAN, as AREA MGR AND RE § CUST of AT&T Mobility Corporation, Manager of New Cingular Wireless PCS, LLC, a Delaware limited liability company, "Licensee," who executed the foregoing instrument on behalf of said entity. Said person is personally known to me, or produced to me satisfactory evidence in the form of _____, to be the individual whose name is subscribed to the within instrument, and acknowledged to me that (he) (she) executed the same in (his) (her) capacity and that by (his) (her) signature(s) on the instrument, is the individual or the person on behalf of which the individual acted, executed the instrument.

WITNESS my hand and official seal in the state and county last aforesaid.

[Affix Seal]



[Signature]
Notary Public, State of FLORIDA
Print name: Amy M. Meek
Serial number: FF110755
My commission expires: 4-8-18

ATTEST: Jeffrey R. Smith, Clerk of Court,
and Comptroller

Licensors:
INDIAN RIVER COUNTY BOARD OF
COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Bob Solari, Chairman

Approved by BCC: _____, 2016.

Approved:

Approved as to form and legal sufficiency:

Jason E Brown, County Administrator

Dylan T. Reingold, County Attorney

EXHIBIT F



at&t

REVISED CONSTRUCTION DRAWINGS
REVIEWED & APPROVED ON 8-10-16
By: *Erinette Hill*
UTILITY SERVICE GROUP

WESTVERO

1805 58th AVENUE
VERO BEACH, FL 32966

3rd CARRIER OVERLAY

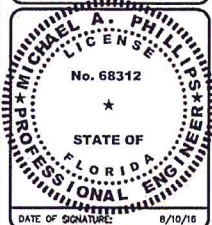
REV	DATE	DESCRIPTION
0	8/10/16	FOR PERMIT

PROJECT NO.: 13-0729.02
DRAWN BY: Y. FREGO
CHECKED BY: M. ABBEY

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.



3400 LAKESIDE DRIVE
SUITE 225
MIAMI, FL 33027
CERTIFICATE OF AUTHORIZATION 29214



WESTVERO

1805 58th AVENUE
VERO BEACH, FL 32966

SHEET NAME
TITLE SHEET

SHEET NUMBER
T1

LOCAL MAP	PROPERTY SUMMARY	DESIGN CRITERIA	INDEX OF DRAWINGS
	FOLIO #: 33390500001009000002.1	DESIGN WIND SPEED: 160 MPH (ULTIMATE, 3-SECOND GUST) 124 MPH (NOMINAL, 3-SECOND GUST)	SHT. NO. DESCRIPTION REV. NO.
	LATITUDE: 27.635368' N	EXPOSURE: C	T1 TITLE SHEET 0
	LONGITUDE: 80.448500' W	RISK CATEGORY: II	C1 NOTES 0
ZONING JURISDICTION: INDIAN RIVER COUNTY		OPEN STRUCTURE	C2 COMPOUND PLAN 0
CONTACTS		CODE COMPLIANCE	C3 ELEVATION AND ANTENNA LAYOUTS 0
APPLICANT		ALL WORK AND MATERIALS SHALL BE PERFORMED AND 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. 1. FLORIDA BUILDING CODE, 5th EDITION (2014), 2. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70-11, NATIONAL ELECTRICAL CODE, 2011 EDITION, 3. TIA-222-G WITH ADDENDUM 1 AND 2 APPLICABLE STANDARDS, 4. LIFE SAFETY CODE NFPA-101-2012, 5. 2014 FLORIDA FIRE PREVENTION CODE, 6. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360-10 AND 341-10, 7. UNDERWRITERS LABORATORIES (U.L.) APPROVED ELECTRICAL PRODUCTS, 8. LOCAL JURISDICTIONAL REQUIREMENTS, 9. CITY/COUNTY ORDINANCES. NOTE: THERE SHALL BE NO PIPES, CONDUITS OR CABLES RUN THROUGH THE STAIRS OR ITS ENVELOPE.	C4 DETAILS 0
PROPERTY OWNER			E1 DC ELECTRICAL DETAILS 0
MIKE KRISSEL AT&T MOBILITY 2001 NW 64 STREET, SUITE 100 FORT LAUDERDALE, FL 33309 (561) 451-7496			E2 GROUNDING DETAILS AND NOTES 0
VICINITY MAP		LEGAL DESCRIPTION	
		INDIAN RIVER FARMS CO SUB, PBS 2-25 S 150 FT OF W 150 FT OF E 19.97, A OF TR 9 LESS R/W'S (OR BK 686 PG 1648)	
DRIVING DIRECTIONS		SCOPE OF WORK	
FROM AT&T'S CYPRESS CREEK OFFICE, HEAD NORTH ON I-95 FOR 113.0 MILES TO EXIT 147 (20th STREET), HEAD EAST ON 20th STREET FOR 4.3 MILES TO 58th AVENUE, TURN RIGHT AND HEAD SOUTH FOR 0.3 MILES TO COLLEGE LANE, TURN RIGHT AND HEAD WEST FOR 0.1 MILES TO SITE ON RIGHT SIDE OF ROAD.		1. REMOVAL OF (9) EXISTING AT&T ANTENNAS. 2. INSTALLATION OF (9) NEW AT&T ANTENNAS. 3. INSTALLATION OF (6) NEW REMOTE RADIO HEADS (RRHs). 4. INSTALLATION OF (3) NEW SURGE SUPPRESSORS.	
1. THIS IS AN UNMANNED FACILITY AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE. 2. NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION. 3. NO WASTEWATER WILL BE GENERATED AT THIS LOCATION. 4. NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.			

1. FOR THE PURPOSES OF THESE CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
- OWNER - AT&T MOBILITY
ENGINEER - CALTROP CORPORATION
CONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION)
2. PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL VISIT THE JOB SITE IN ORDER TO (1) VERIFY ALL EXISTING CONDITIONS, (2) CONFIRM WHETHER ALL DIMENSIONS ARE AS SHOWN ON THE PLANS AND (3) CONFIRM WHETHER THE WORK MAY BE ACCOMPLISHED AS SHOWN. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER.
3. A 20-FOOT HORIZONTAL CLEARANCE DISTANCE SHALL BE MAINTAINED FROM ALL EXISTING POWER LINES.
4. THE CONTRACTOR'S USE OF A CONSTRUCTION STAGING AREA SHALL BE COORDINATED WITH THE OWNER WELL IN ADVANCE OF THE CONSTRUCTION START DATE.
5. LABOR, MATERIAL, TOOLS, EQUIPMENT, TRANSPORTATION AND TEMPORARY POWER SERVICES NECESSARY FOR AND INCIDENTAL TO COMPLETION OF ALL WORK SHALL BE PROVIDED AS INDICATED ON THE DRAWINGS AND/OR AS SPECIFIED HEREIN. LABOR AND MATERIALS SHALL BE FURNISHED AS REQUIRED FOR COMPLETE SYSTEMS, INCLUDING ALL ELEMENTS OBVIOUSLY OR REASONABLY INCIDENTAL TO A COMPLETE INSTALLATION, WHETHER OR NOT SPECIFICALLY INDICATED ON THE PLANS.
6. FOR TASKS REQUIRED TO BE PERFORMED BUT NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOT START WORK ON SUCH TASKS WITHOUT HAVING RECEIVED WRITTEN AUTHORIZATION FROM THE CONSTRUCTION MANAGER TO PROCEED.
7. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND EQUIPMENT UNLESS OTHERWISE INDICATED BY DIMENSIONS OR DETAILS. EXACT EQUIPMENT LOCATIONS MAY BE MODIFIED AS REQUIRED BY ACTUAL FIELD CONDITIONS. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE ENGINEER AND THE CONSTRUCTION MANAGER.
8. THE CONTRACTOR SHALL OBTAIN, PAY FOR AND DELIVER ALL REQUIRED PERMITS, CERTIFICATES OF INSPECTION, INCLUDING UTILITY CONNECTION FEES, ETC., REQUIRED BY THE AUTHORITIES HAVING JURISDICTION AND SHALL DELIVER SUCH DOCUMENTS TO THE OWNER PRIOR TO FINAL ACCEPTANCE OF THE WORK.
9. THE CONTRACTOR'S OPERATIONS SHALL BE CONFINED TO AREAS OF NEW CONSTRUCTION.
10. ALL NECESSARY PROVISIONS SHALL BE MADE TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, GALVANIZED SURFACES, ETC. AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO SAME RESULTING FROM THE CONSTRUCTION WORK. ALL DISTURBED AND DAMAGED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER UPON COMPLETION OF ALL WORK TO THE SATISFACTION OF THE CONSTRUCTION MANAGER.
11. THE FOLLOWING CLEANUP TASKS SHALL BE PERFORMED AS FOLLOWS: (1) ON A DAILY BASIS, KEEP THE GENERAL AREA CLEAN AND HAZARD FREE, REMOVING ALL WASTE, DEBRIS AND TRASH FROM THE SITE AND DISPOSING OF SAME IN A LEGAL MANNER. (2) UPON COMPLETION, LEAVE THE PREMISES IN A CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
12. ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S RECOMMENDATIONS EXCEPT WHERE IT IS SPECIFICALLY INDICATED OTHERWISE IN THE CONTRACT DOCUMENTS OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
13. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY HAVING JURISDICTION OVER THE PERFORMANCE OF THE WORK. MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AS WELL AS LOCAL AND STATE CODES, ORDINANCES AND APPLICABLE REGULATIONS.
14. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AT ALL TIMES, USING THE BEST SKILLS AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL OF THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK, INCLUDING CONTACT AND COORDINATION WITH THE CONSTRUCTION MANAGER AND WITH THE OWNER'S AUTHORIZED REPRESENTATIVE.
15. WITHIN TWENTY ONE (21) WORKING DAYS AFTER PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF AS-BUILT DRAWINGS, SWEEP TEST, CYLINDER TESTS, LIEN RELEASES, AND OTHER CLOSEOUT DOCUMENTATION AS REQUIRED BY THE OWNER. ALL SYSTEMS SHALL BE COMPLETELY ASSEMBLED, TESTED, ADJUSTED AND DEMONSTRATED TO BE READY FOR OPERATION PRIOR TO THE OWNER'S ACCEPTANCE.

GENERAL NOTES

1

1. THE APPROPRIATE UTILITY LOCATING SERVICES SHALL BE CONTACTED PRIOR TO THE START OF CONSTRUCTION IN ORDER TO VERIFY THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES.
2. THE INSTALLATION OF NEW UTILITIES SHALL BE COORDINATED WITH LOCAL AUTHORITIES.
3. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES. WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SUCH UTILITIES SHALL BE RELOCATED AS DIRECTED BY THE CONSTRUCTION MANAGER. EXTREME CAUTION SHALL BE USED WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES.
4. RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
5. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES THAT INTERFERE WITH THE EXECUTION OF THE WORK SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS THAT WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF THE LANDLORD AND/OR LOCAL UTILITIES.
6. DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION SHALL BE MINIMIZED.
7. ANY AREAS OF THE CONSTRUCTION SITE DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE. SUCH GRADING SHALL CAUSE SURFACE WATER TO FLOW AWAY FROM ANY EQUIPMENT SHELTER AND TOWER AREAS AND THE SOIL SHALL BE STABILIZED TO PREVENT EROSION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
8. THE SUB-GRADE SHALL BE COMPACTED AND BROUGHT TO A UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
9. BACKFILL SHALL CONSIST OF CLEAN SAND FILL APPROVED FOR USE BY THE ENGINEER. NO UNAPPROVED MATERIAL WILL BE ALLOWED. CLEAN SAND FILL SHALL BE FREE OF ALL ROOTS, BOULDERS, OR OTHER DELETERIOUS MATERIAL.
10. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EQUAL TO OR BETTER CONDITION THAN ORIGINAL.
11. SITE SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS FOR SUCH SIGNAGE AS MAY BE CONTAINED IN THESE DRAWINGS.

SITE WORK NOTES

2

1. **MATERIAL:**
- A. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE LATEST EDITION OF THE AISC "STEEL CONSTRUCTION MANUAL".
- B. ALL STRUCTURAL STEEL WF BEAMS SHALL BE ASTM A992 AND "HOT DIPPED" GALVANIZED IN ACCORDANCE WITH ASTM A123 AND ASTM A153 STANDARDS.
- C. ALL STRUCTURAL PLATES, ANGLES, AND CHANNELS SHALL BE ASTM A36 AND "HOT DIPPED" GALVANIZED IN ACCORDANCE WITH ASTM A123 AND ASTM A153 STANDARDS.
- D. ALL TS MEMBERS SHALL BE ASTM A500 GRADE B (Fy=46ksi), AND "HOT DIPPED" GALVANIZED IN ACCORDANCE WITH ASTM A123 AND ASTM A153 STANDARDS.
- E. ALL STRUCTURAL PIPE MEMBERS SHALL BE ASTM A500 GRADE B (Fy=42ksi), AND "HOT DIPPED" GALVANIZED IN ACCORDANCE WITH ASTM A123 AND ASTM A153 STANDARDS.
- F. ALL NON-STRUCTURAL PIPE MEMBERS SHALL BE ASTM A53 GRADE B, AND "HOT DIPPED" GALVANIZED IN ACCORDANCE WITH ASTM A123 AND ASTM A153 STANDARDS.
2. DESIGN, FABRICATION, AND CONSTRUCTION OF ALL CONNECTIONS SHALL CONFORM TO AISC STEEL CONSTRUCTION MANUAL.
3. **WELDING:**
- A. ALL WELDS, WELDERS, AND WELD INSPECTIONS SHALL CONFORM TO THE REQUIREMENTS OF AWS D 1.1, LATEST REVISION.
- B. ALL WELDS SHALL BE MADE WITH E70XX LOW HYDROGEN ELECTRODES.
- C. ALL STEEL SHALL BE SPRAY GALVANIZED AFTER WELDING.
4. ALL BOLTS SHALL BE GALVANIZED 1/2" DIAMETER, A325-N, UNLESS NOTED OTHERWISE AND TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC. SECURE NUT WITH LOCKING WASHER.
5. ANCHOR BOLTS SHALL CONFORM TO ASTM A307, UNLESS NOTED OTHERWISE.
6. THE CONTRACTOR/STEEL FABRICATOR SHALL LOCATE ANY REINFORCEMENT IN THE STRUCTURAL MEMBERS IN SUCH A MANNER SO THAT THERE WILL NOT BE CONFLICT WITH THE REINFORCEMENT WHEN INSTALLING ANCHORS. THE ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTION.
7. THE CONTRACTOR/STEEL FABRICATOR SHALL CONFORM TO THE MINIMUM EDGE DISTANCE REQUIREMENTS IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION.
8. ALL STRUCTURAL STEEL SHALL BE FABRICATED TO FIT AT BOLTED CONNECTIONS WITHIN 1/8" INCH TOLERANCE. STRUCTURAL STEEL SHALL NOT BE FLAME CUT UNDER ANY CIRCUMSTANCES WITHOUT APPROVAL OF THE ENGINEER.
9. THE CONTRACTOR/STEEL FABRICATOR SHALL CAP OR SEAL ALL PIPES AS REQUIRED TO PREVENT RAINWATER INTRUSION.
10. THE CONTRACTOR/STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ANY STEEL FABRICATION. AT THE CONTRACTOR'S OPTION, FIELD SPLICES MAY BE USED FOR ERECTION PURPOSES. IF FIELD SPLICES ARE USED, THE SHOP DRAWINGS SHALL INCLUDE ALL DETAILS FOR THE PROPOSED FIELD SPLICES.
11. AT THE CONTRACTOR'S OPTION, SHOP WELDS MAY BE USED INSTEAD OF FIELD WELDS.
12. SUBMIT ORIGINAL SHOP DRAWINGS, INCLUDING COMPLETE DETAILS, SCHEDULES OF FABRICATION AND ASSEMBLY, PROCEDURES, AND DIAGRAMS. INCLUDE DETAILS OF CUTS, CONNECTIONS, CAMBER, HOLE, AND OTHER PERTINENT DATA. INDICATE WELDS BY STANDARD AWS A2.1 AND A2.4 SYMBOLS, AND SHOW SIZE, LENGTH, AND TYPE OF WELD. PROVIDE SETTING DRAWINGS, TEMPLATES, AND DIRECTIONS FOR INSTALLATION OF ANCHOR BOLTS AND OTHER ANCHORAGES TO BE INSTALLED AS WORK OF OTHERS' SECTIONS.

STRUCTURAL STEEL NOTES

3

REV	DATE	DESCRIPTION
0	8/10/18	FOR PERMIT

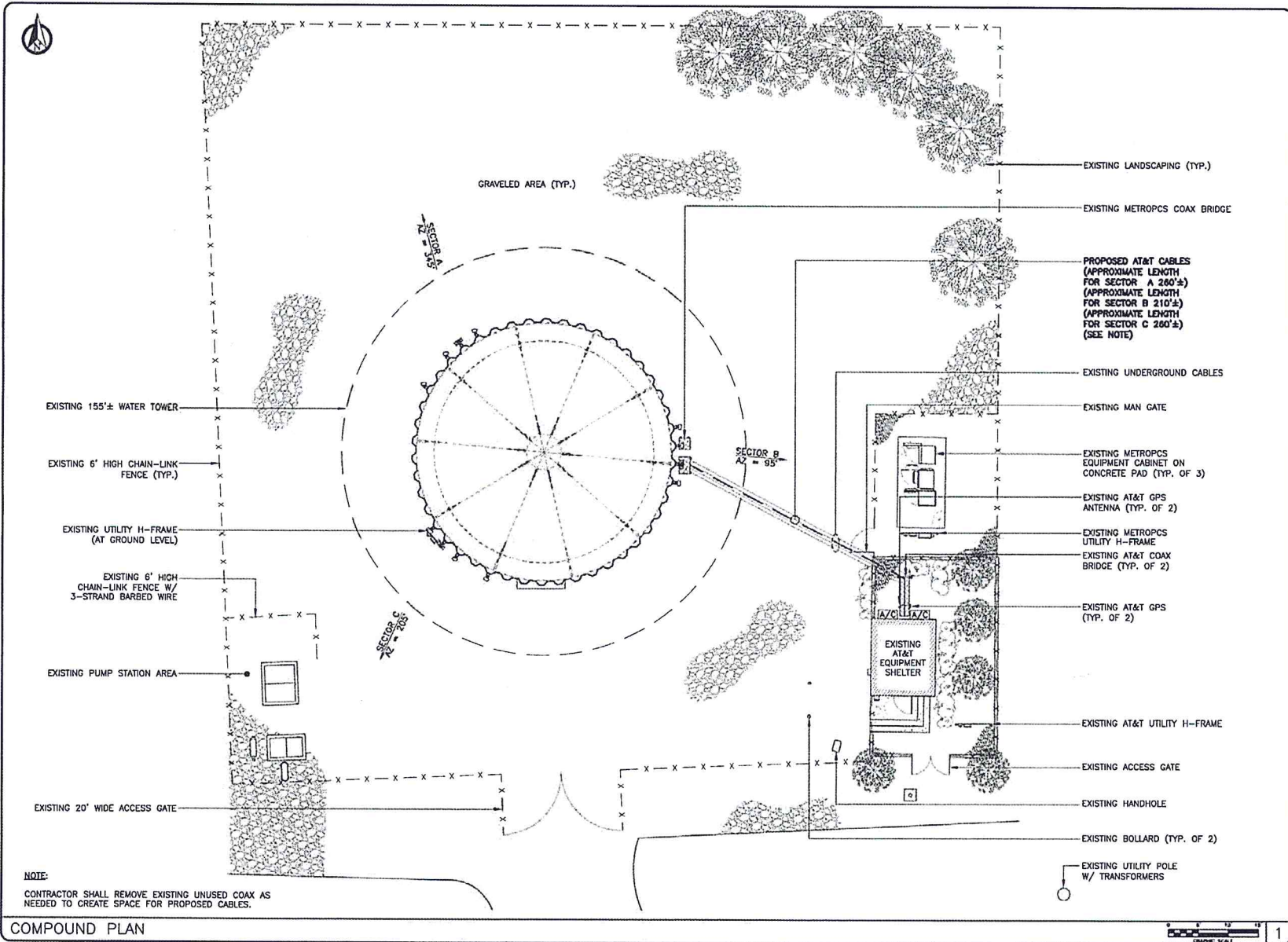
PROJECT NO.: 13-0729.02
DRAWN BY: Y. FREGO
CHECKED BY: M. ABBEY

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.



DATE OF SIGNATURE: 8/10/18

WESTVERO
1805 56th AVENUE
VERO BEACH, FL 32906
SHEET NAME
NOTES
SHEET NUMBER
C1



NOTE:
CONTRACTOR SHALL REMOVE EXISTING UNUSED COAX AS NEEDED TO CREATE SPACE FOR PROPOSED CABLES.

COMPOUND PLAN



REV	DATE	DESCRIPTION
0	8/10/16	FOR PERMIT

PROJECT NO.: 13-0728.02
DRAWN BY: Y. FRECQO
CHECKED BY: M. ABBEY

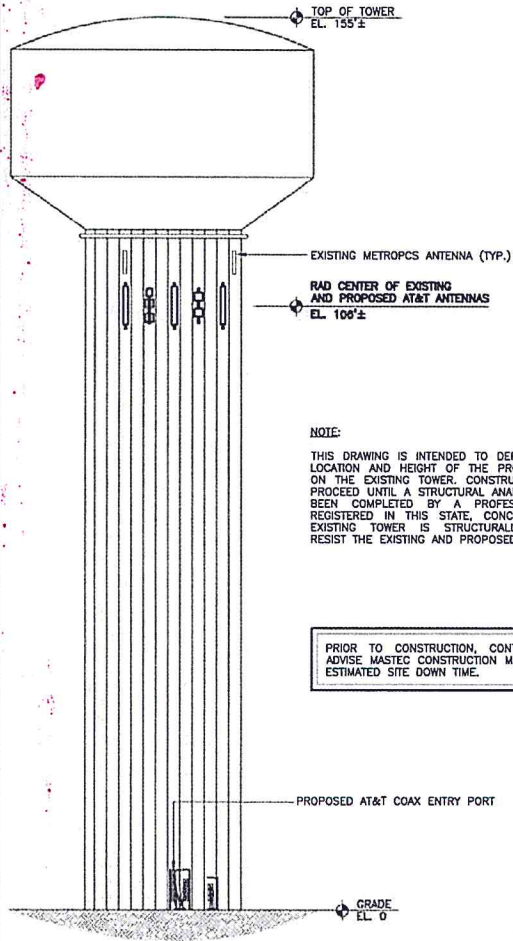
THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

CAL TROP
Telecom
1400 LANESIDE DRIVE
SUITE 205
MIAMI, FL 33027
CERTIFICATE OF AUTHORIZATION 29214

at&t

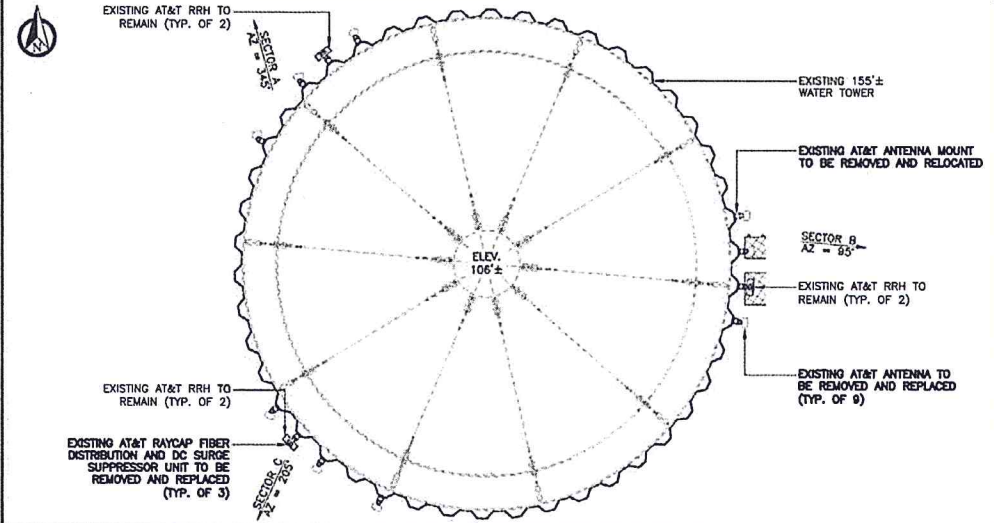
MICHAEL A. PHILLIPS
LICENSE
No. 68312
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE OF SIGNATURE: 8/10/16

WESTVERO
1805 58th AVENUE
VERO BEACH, FL 32906
SHEET NAME
COMPOUND PLAN
SHEET NUMBER
C2

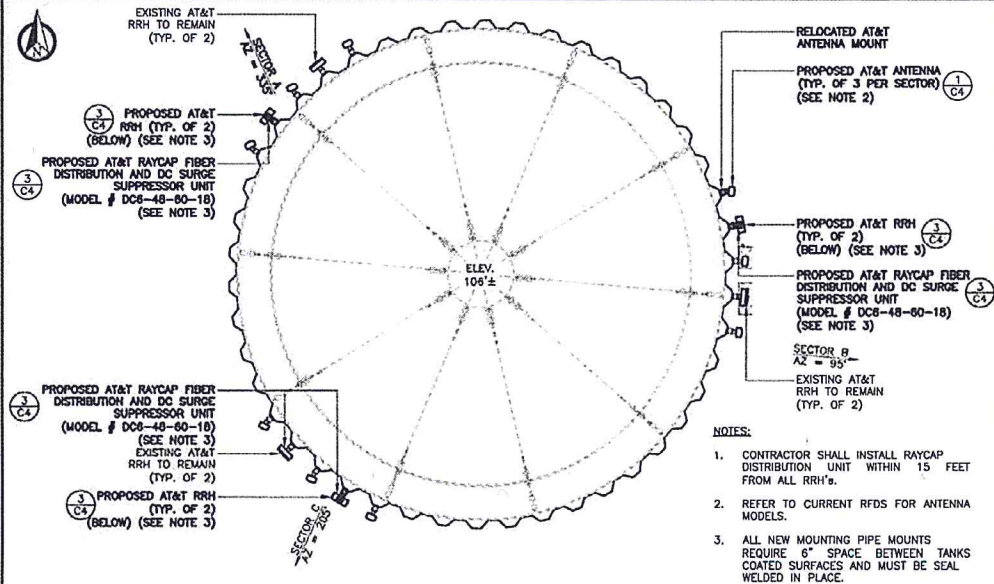


NOTE:
THIS DRAWING IS INTENDED TO DEPICT THE GENERAL LOCATION AND HEIGHT OF THE PROPOSED ANTENNAS ON THE EXISTING TOWER. CONSTRUCTION SHALL NOT PROCEED UNTIL A STRUCTURAL ANALYSIS REPORT HAS BEEN COMPLETED BY A PROFESSIONAL ENGINEER REGISTERED IN THIS STATE, CONCLUDING THAT THE EXISTING TOWER IS STRUCTURALLY ADEQUATE TO RESIST THE EXISTING AND PROPOSED LOADS.

PRIOR TO CONSTRUCTION, CONTRACTOR SHALL ADVISE MASTEC CONSTRUCTION MANAGER OF THE ESTIMATED SITE DOWN TIME.



EXISTING ANTENNA AND RRH LAYOUT NTS 2



- NOTES:**
- CONTRACTOR SHALL INSTALL RAYCAP DISTRIBUTION UNIT WITHIN 15 FEET FROM ALL RRH's.
 - REFER TO CURRENT RFDS FOR ANTENNA MODELS.
 - ALL NEW MOUNTING PIPE MOUNTS REQUIRE 6" SPACE BETWEEN TANKS COATED SURFACES AND MUST BE SEAL WELDED IN PLACE.

PROPOSED ANTENNA AND RRH LAYOUT NTS 3

ELEVATION 1

REV	DATE	DESCRIPTION
0	9/10/18	FOR PERMIT

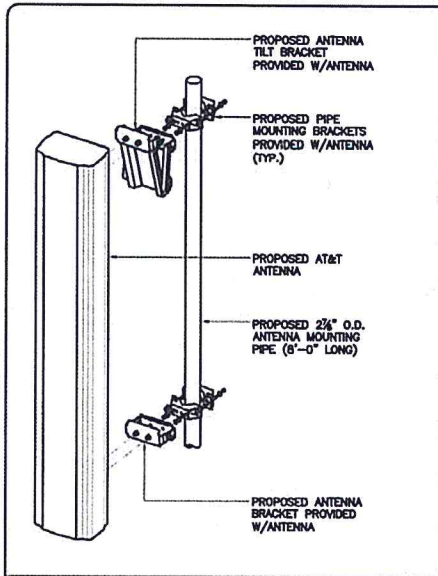
PROJECT NO.: 13-0729-02
DRAWN BY: Y. FREGO
CHECKED BY: M. ABBEY

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

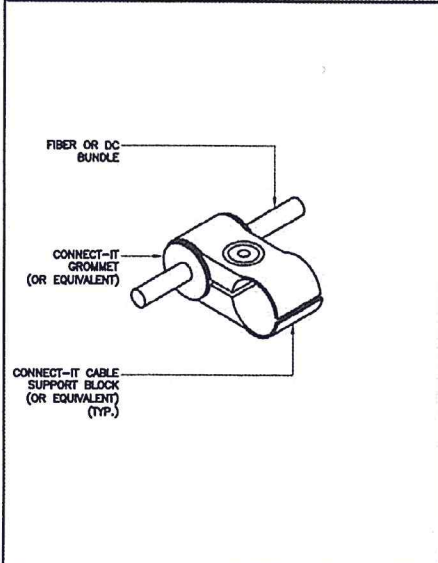
1400 LAKESIDE DRIVE
SUITE 225
MIAMI, FL 33227
CERTIFICATE OF AUTHORIZATION 22214

DATE OF SIGNATURE: 8/10/18

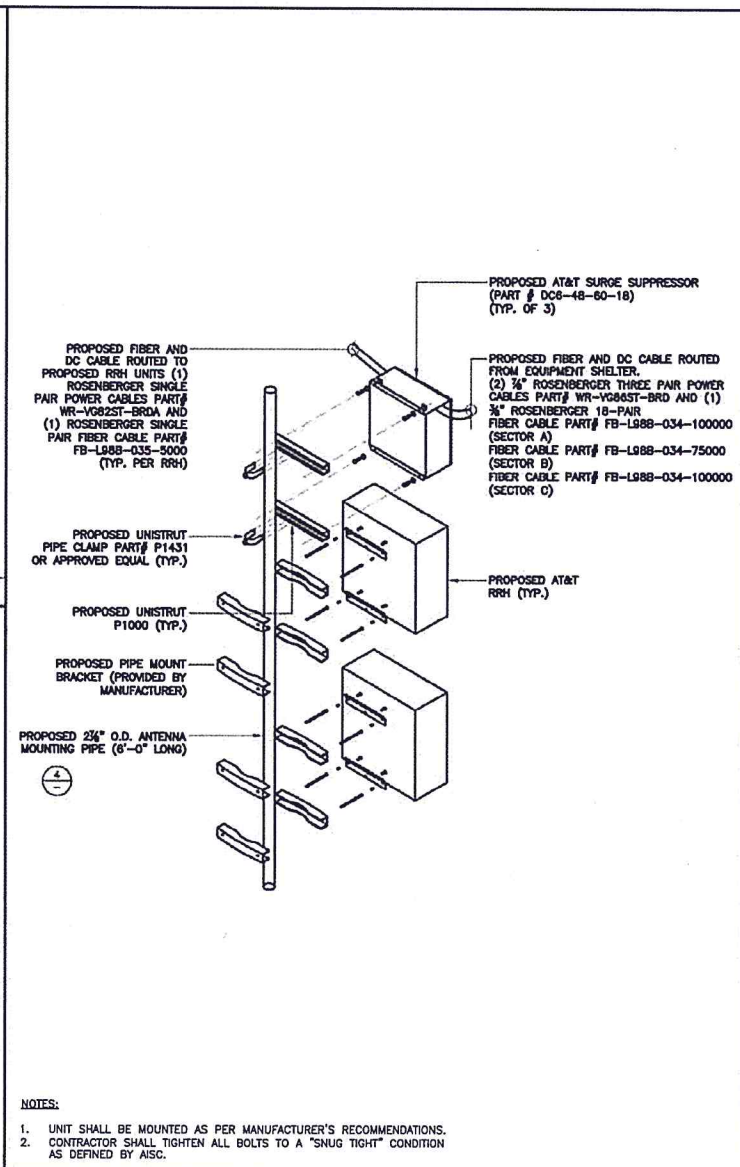
WESTVERO
1805 58th AVENUE
VERO BEACH, FL 32908
SHEET NAME
ELEVATION AND
ANTENNA LAYOUTS
SHEET NUMBER
C3



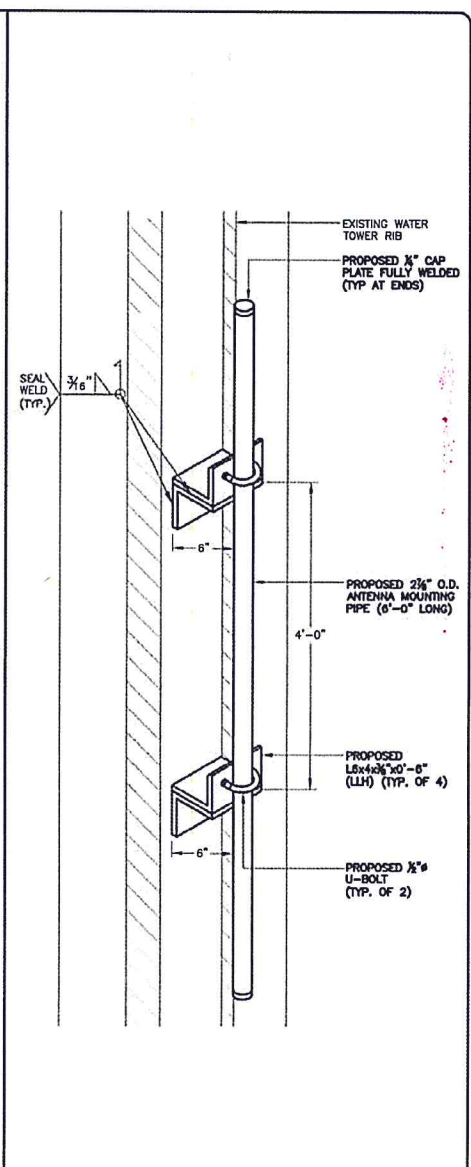
ANTENNA MOUNTING DETAIL NTS 1



FIBER/DC CABLE MOUNTING DETAIL NTS 2



RRH UNIT MOUNTING DETAIL NTS 3



MOUNT DETAIL NTS 4

- NOTES:
1. UNIT SHALL BE MOUNTED AS PER MANUFACTURER'S RECOMMENDATIONS.
 2. CONTRACTOR SHALL TIGHTEN ALL BOLTS TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC.

REV	DATE	DESCRIPTION
0	8/10/18	FOR PERMIT

PROJECT NO.: 13-0729.02

DRAWN BY: Y. FREGO

CHECKED BY: M. ABBEY

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

3400 LANESIDE DRIVE
SUITE 525
MIAMI, FL 33027

CERTIFICATE OF AUTHORIZATION 25214

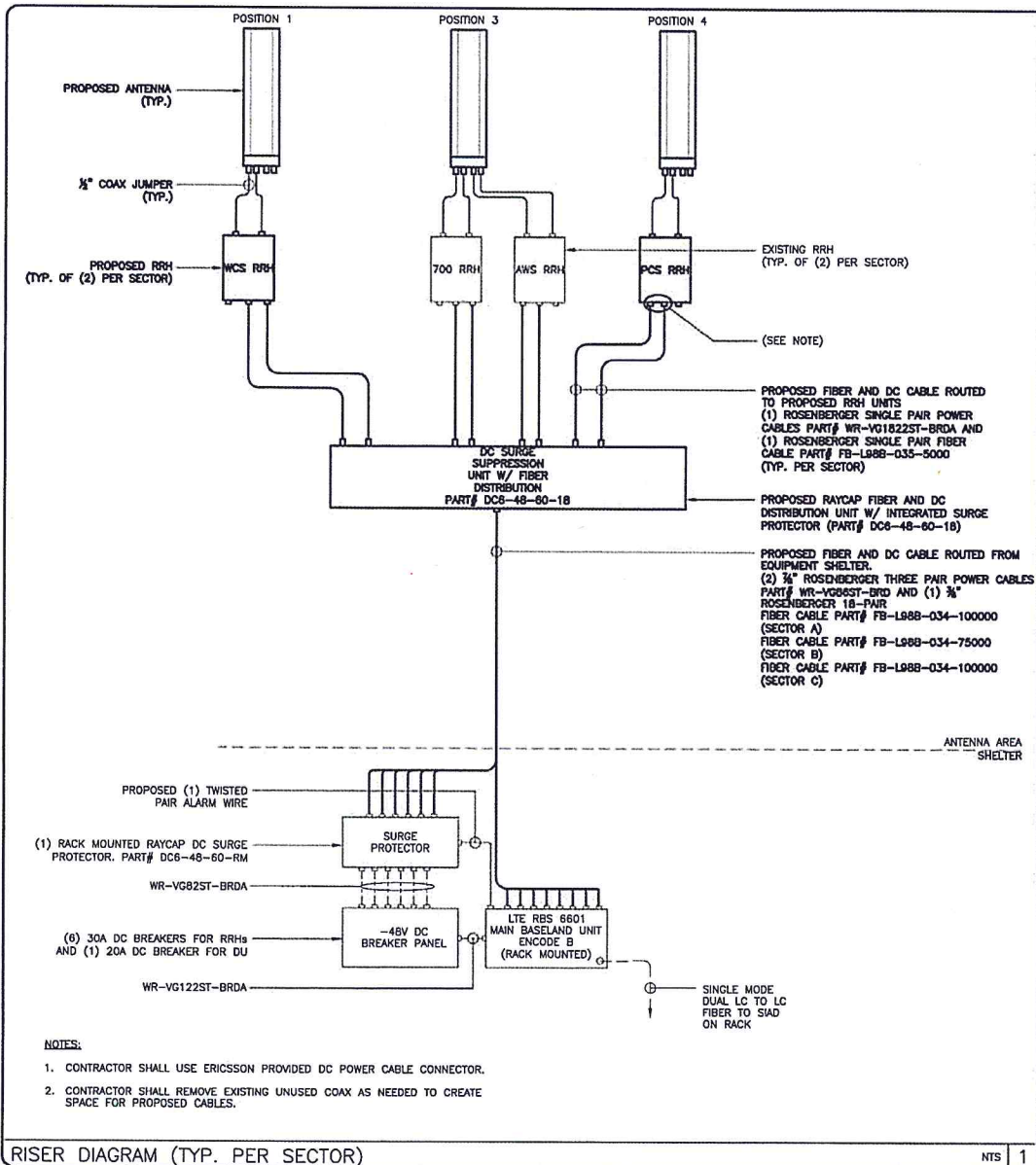
MICHAEL A. PHILLIP
LICENSE
No. 68312
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE OF SIGNATURE 8/10/18

WESTVERO

1805 58th AVENUE
VERO BEACH, FL 32906

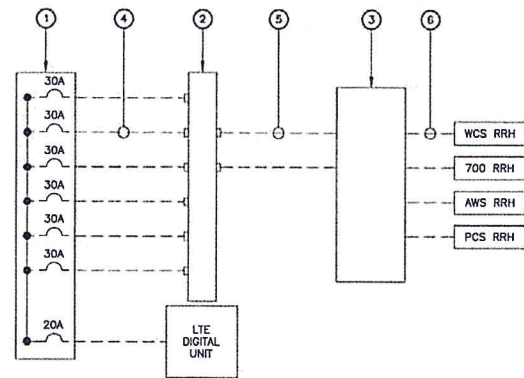
SHEET NAME
DETAILS

SHEET NUMBER
C4



RISER DIAGRAM (TYP. PER SECTOR)

NTS 1



KEYNOTE LEGEND:

- 48V DC POWER PLANT.
- (1) RACK MOUNTED RAYCAP DC SURGE PROTECTOR (DC6-48-60-RM).
- RAYCAP FIBER AND DC DISTRIBUTION UNIT (DC6-48-60-18)
- #8 AWG CONDUCTORS.
- PROVIDE (2) 6-CONDUCTOR #8 AWG BUNDLES FOR DC POWER FROM RACK MOUNTED RAYCAP SURGE PROTECTION UNIT TO THE RAYCAP FIBER AND DISTRIBUTION UNIT ON TOWER
- PROPOSED FIBER AND DC CABLE ROUTED TO PROPOSED RRH UNITS

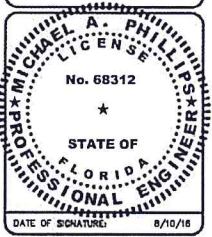
DC RISER DIAGRAM

NTS 2

REV	DATE	DESCRIPTION
0	8/10/18	FOR PERMIT

PROJECT NO.: 13-0729.02
 DRAWN BY: Y. FREGO
 CHECKED BY: M. ABBEY

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

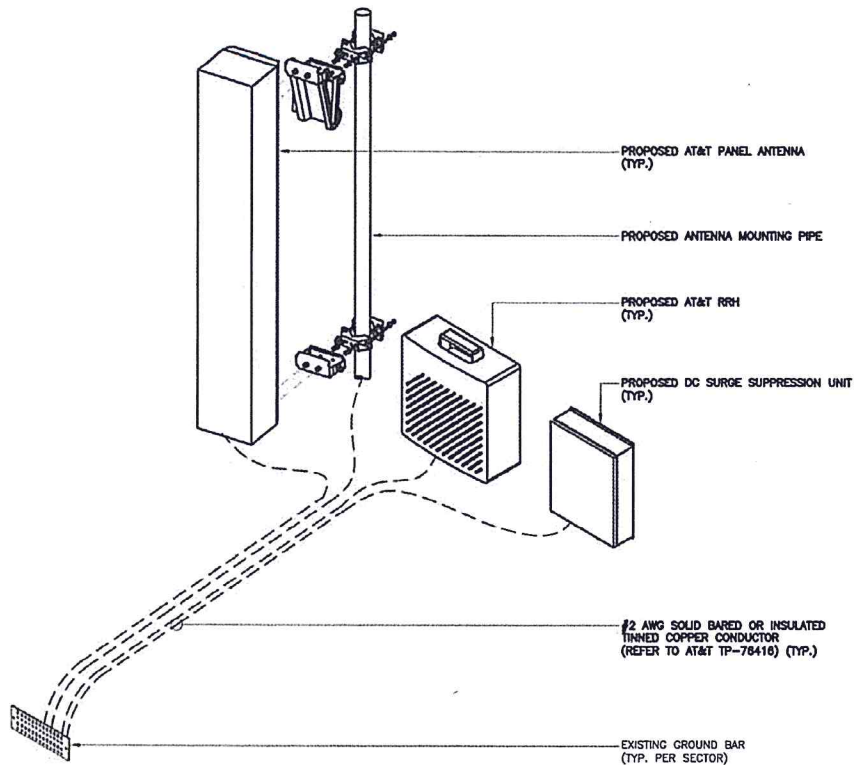


WESTVERO

1805 58th AVENUE
 VERO BEACH, FL 32909

SHEET NAME
 DC ELECTRICAL
 DETAILS

SHEET NUMBER
 E1

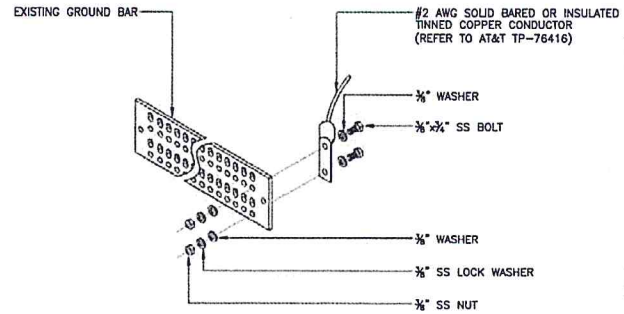


NOTES:

1. CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416. ALL EXOTHERMIC CADWELDS SHALL BE PERFORMED BY CERTIFIED TECHNICIAN
2. PROVIDE WEATHER PROOFING AND GROUNDING KIT TO BOND DC POWER CABLE SHIELD TO EXTERNAL HATCH PLATE GROUND BAR.
3. PROVIDE GROUND CONNECTION FOR DC POWER CABLE SHIELD TO "P" SECTION OF CRGB WITHIN SHELTER.
4. CONTRACTOR SHALL USE THEFT RESISTANT GROUND WIRES AND BARS WHEN FEASIBLE.
5. CONTRACTOR SHALL MAINTAIN A 12" MINIMUM GROUND WIRE BEND RADII.
6. GROUND LUGS, HEATSHRINK AND CLAMPS DEVICES SHALL COMPLY WITH AT&T GROUNDING AND BONDING PRACTICE TP-76416.

GROUNDING DIAGRAM (TYP.)

NTS 1



NOTE:

GROUND BARS ARE NOT TO BE ATTACHED TO ANY OF TANKS COATED SURFACES.

TYPICAL GROUND BAR CONNECTION DETAIL

NTS 2

1. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DOCUMENTS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
2. GUARANTEE/WARRANTY: GUARANTEE INSTALLATION TO BE FREE OF DEFECTS, SHORTS, GROUNDS, ETC., FOR A PERIOD OF ONE YEAR. FURNISH WARRANTY SO THE DEFECTIVE MATERIAL AND/OR WORKMANSHIP WILL BE REPAIRED/REPLACED IMMEDIATELY UPON NOTIFICATION AT NO COST TO THE OWNER FOR PERIOD OF WARRANTY.
3. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
4. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
5. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
6. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
7. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
8. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
9. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
10. CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416.

GROUNDING NOTES

3

REV	DATE	DESCRIPTION
0	8/10/16	FOR PERMIT

PROJECT NO: 13-0729.02

DRAWN BY: Y. FREGO

CHECKED BY: M. ABBEY

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

CALTROP Telecom

3400 LAKESIDE DRIVE
SUITE 325
MIAMI, FL 33127

CERTIFICATE OF AUTHORIZATION 29214

at&t

MICHAEL A. PHILLIPS
LICENSE
No. 68312
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE OF SIGNATURE: 8/10/16

WESTVERO

1805 58th AVENUE
VERO BEACH, FL 32966

SHEET NAME
GROUNDING
DETAILS AND NOTES

SHEET NUMBER
E2