

## FL71

5555 REGENCY LAKES BOULEVARD COCONUT CREEK, FL 33073

3rd CARRIER OVERLAY

LOCAL MAP	PROPERTY SUMMARY	DESIGN CRITERIA	INDEX OF DRAWINGS
	FOLIO #: 4842-06-16-0012  LATITUDE: 26.310034* N  LONGITUDE: 80.199431* W  ZONING JURISDICTION: CITY OF COCONUT CREEK	DESIGN WIND SPEED: 170 MPH (ULTIMATE, 3-SECOND GUST)  122 MPH (NOMINAL, 3-SECOND GUST)  EXPOSURE: C RISK CATEGORY: II  OPEN STRUCTURE	SHT. NO. DESCRIPTION REV NO T1 TITLE SHEET 0
	ZONING CLASSIFICATION: RECREATIONAL	CODE COMPLIANCE	C2 COMPOUND PLAN 0
	CONTACTS	ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE	C3 ELEVATION AND ANTENNA LAYOUTS 0 C4 DETAILS 0
SITE LOCATION S  COZIL SPRING	APPLICANT  MIKE KRISSEL  AT&T MOBILITY 5201 CONGRESS AVENUE BOCA RATON, FL 33487 (561) 451—7496  PROPERTY OWNER:  CITY OF COCONUT CREEK 4800 W COPANS RD COCONUT CREEK, FL 33063	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. 2010 FLORIDA BUILDING CODE WITH 2012 SUPPLEMENT. 2. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70, NATIONAL ELECTRICAL CODE, 2008 EDITION. 3. TIA-222-G WITH ADDENDUM 1 APPLICABLE STANDARDS. 4. LIFE SAFETY CODE NFPA—101—2009. 5. 2010 FLORIDA FIRE PREVENTION CODE. 6. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360—05 AND 341—05. 7. UNDERWRITERS LABORATORIES (U.L.) APPROVED ELECTRICAL PRODUCTS. 8. LOCAL JURISDICTIONAL REQUIREMENTS.	
Cortal Springs Par a Manufacture Par Share Par	RF DESIGN VERIFICATION	9. CITY/COUNTY ORDINANCES.  NOTE:  THERE SHALL BE NO PIPES, CONDUITS OR CABLES RAN THROUGH THE STAIRS OR ITS ENVELOPE.	
SITE LOCATION STORY AND ST	DESIGN BASED ON RFDS REV 0.2 DATED 11/28/13. CONTRACTOR SHALL REQUEST CURRENT RFDS AND WORKBOOK FROM MASTEC NETWORK SOLUTIONS CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION	REGENCY LAKES AT COCONUT CREEK 157-23 B PART OF PARCEL A DESC'D AS, COMM AT SW COR TR A OF SAWGRASS PK OF COMMERCE COMM SEC B, E 214.18, S 30, E 426.56 TO POB, E 144.31, N 285.03,E 254.66,S 99.99, E 438.79 TO P/I, SLY & WLY 576.15, WLY & S 147.42,SLY 5.58, WLY 213.60, WLY 200, NLY 330.41 TO POB AKA: PARK SITE-REGENCY LAKES AT COCONUT CREEK	ADMINISTRATIVE APPROVAL OA 23 1A
Soungale Blad  Soungale Blad	PROJECT INFORMATION	SCOPE OF WORK	TRATIVE
DRIVING DIRECTIONS  FROM MASTEC'S OFFICE, HEAD SOUTH ON 1–95 FOR 1.9 MILES TO EXIT 45, TURN RIGHT	THIS IS AN UNMANNED FACILITY AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.      NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.	1. REMOVAL OF (9) EXISTING AT&T ANTENNAS. 2. INSTALLATION OF (9) NEW AT&T ANTENNAS. 3. INSTALLATION OF (9) NEW REMOTE RADIO HEADS (RRHs).	ADMINIS
ONTO SR-808 (GLADES ROAD) FOR 5.2 MILES, TURN LEFT AND HEAD SOUTH ONTO US-441 (SR-7) FOR 4.1 MILES, TURN LEFT AND HEAD EAST ONTO REGENCY LAKES BLVD FOR 0.2 MILES TO SITE ON RIGHT SIDE OF ROAD.	<ol> <li>NO WASTEWATER WILL BE GENERATED AT THIS LOCATION.</li> <li>NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.</li> </ol>	4. INSTALLATION OF (2) NEW SURGE SUPPRESSORS.  5. INSTALLATION OF NEW ANTENNA MOUNT (WILL CAUSE THE SITE TO BE OFF—AIR FOR APPROXIMATELY 3 TO 7 DAYS).	

REV	DATE	DESCRIPTION
0	2/14/14	PERMIT
PROJE	CT NO.:	130-729,02
DRAWN BY:		CHECKED BY:

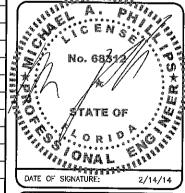
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3400 LAKESIDE DRIVE SUITE 525 MIRAMAR, FL 33027

CERTIFICATE OF AUTHORIZATION 29214





FL71

5555 REGENCY LAKES BOULEVARD COCONUT CREEK, FL 33073

SHEET NAME

TITLE SHEET

SHEET NUMBER

- 1. FOR THE PURPOSES OF THESE CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
  - OWNER AT&T MOBILITY
  - ENGINEER CALTROP CORPORATION
  - CONTRACTOR GENERAL CONTRACTOR (CONSTRUCTION)
- 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.
- 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.

- 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.
- THE INSTALLATION OF NEW UTILITIES SHALL BE COORDINATED WITH LOCAL AUTHORITIES.
- 5. 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.
- 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.
- 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.
- 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

- . 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 A35 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,
- . 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.
- . ALL BOLTS SHALL BE GALVANIZED 3/4" DIAMETER, A325-N, UNLESS NOTED OTHERWISE AND TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC. SECURE NUT WITH LOCKING WASHER.
- . 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 1/16 INCH TOLERANCE. STRUCTURAL STEEL SHALL NOT BE FLAME CUT UNDER ANY CIRCUMSTANCES WITHOUT APPROVAL OF THE ENGINEER.
- THE CONTRACTOR/STEEL FABRICATOR SHALL CAP OR SEAL ALL PIPES AS REQUIRED TO PREVENT RAINWATER INTRUSION.
- 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.

REV	DATE	DESCRIPTION
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PROJE	ECT NO.:	130-729.02
DRAWN BY:		CHECKED BY:

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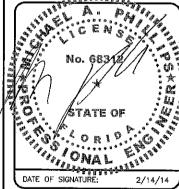
M. ABBEY

A. E. LOZANO



3400 LAKESIDE DRIVE SUITE 525 MIRAMAR, FL 33027 CERTIFICATE OF AUTHORIZATION 29214





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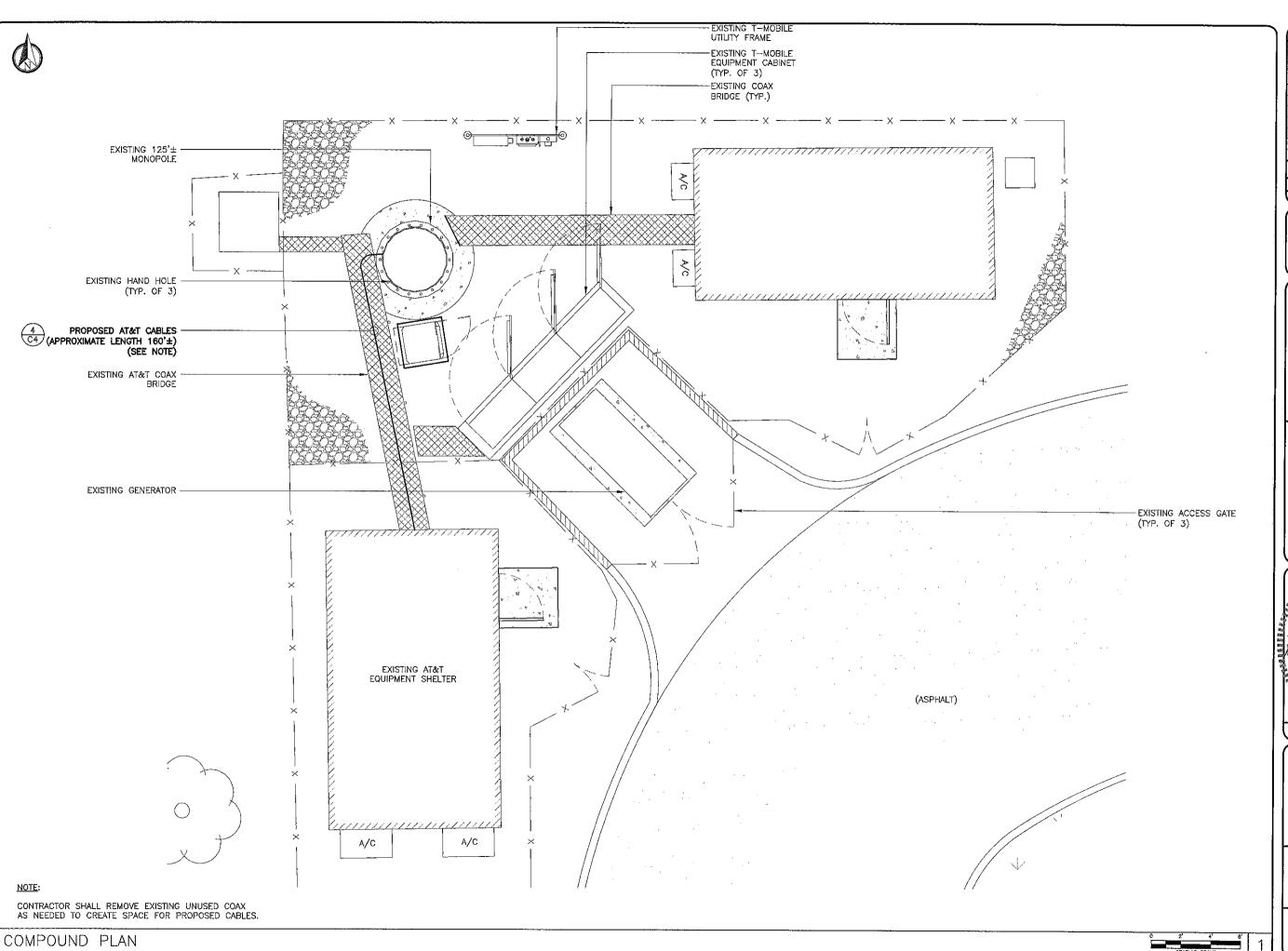
5555 REGENCY LAKES BOULEVARD COCONUT CREEK, FL 33073

SHEET NAME

NOTES

SHEET NUMBER

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No. 68312

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DATE OF SIGNATURE: 2/14/14

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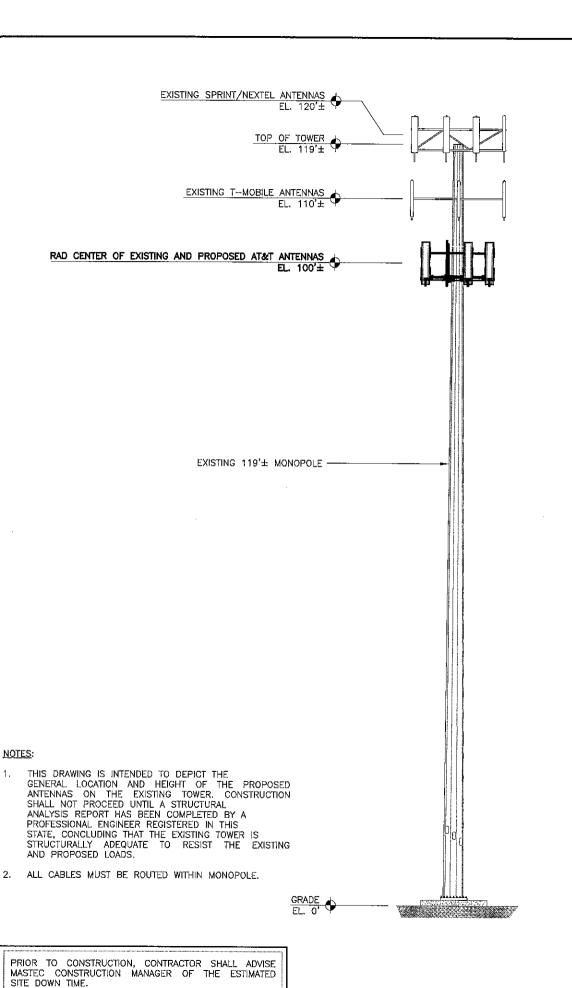
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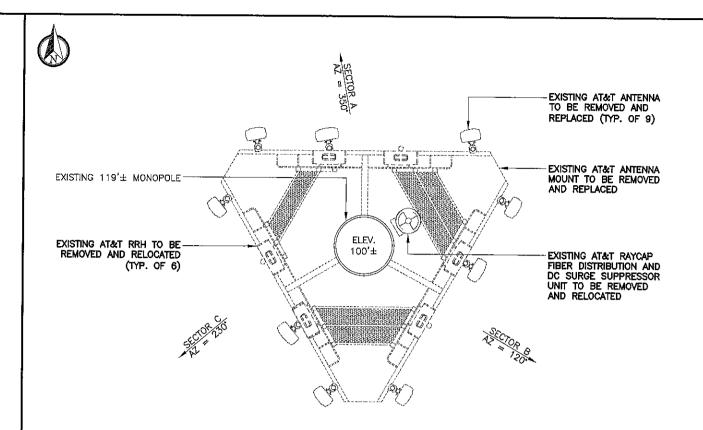
COMPOUND PLAN

SHEET NUMBER

С2



ELEVATION



EXISTING ANTENNA AND RRH LAYOUT NTS 2 -relocated at&t RRH  $\frac{2}{C4}$ (2) RELOCATED AT&T RRH PROPOSED AT&T RRH (5) C4 PROPOSED AT&T KATHREIN (TYP. OF 6) ANTENNA (TYP. OF 3 PER SECTOR) (SEE NOTE 3) -relocated at&t raycap fiber Distribution and DC surge Suppressor unit -RELOCATED AT&T RRH (2) EXISTING 119'± MONOPOLE PROPOSED AT&T ANTENNA -relocated at&t RRH  $\frac{2}{C4}$ MOUNTED CONNECT—IT MODEL# LPPX14—12—96—HD—PHK  $\frac{2}{C4}$  RELOCATED AT&T RRH PROPOSED AT&T RAYCAP FIBER
DISTRIBUTION AND DC SURGE
3
SUPPRESSOR UNIT (MODEL # DC6-48-60-18-8F) (TYP. OF 2)  $\frac{2}{C4}$  RELOCATED AT&T RRH POLE DIAMETER COLLAR MOUNT MODEL NUMBER 10" - 30" RM1030 RM3060

REV DATE DESCRIPTION 0 2/14/14 PERMIT PROJECT NO,: 130-729.02 DRAWN BY: CHECKED BY:

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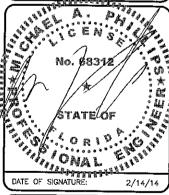
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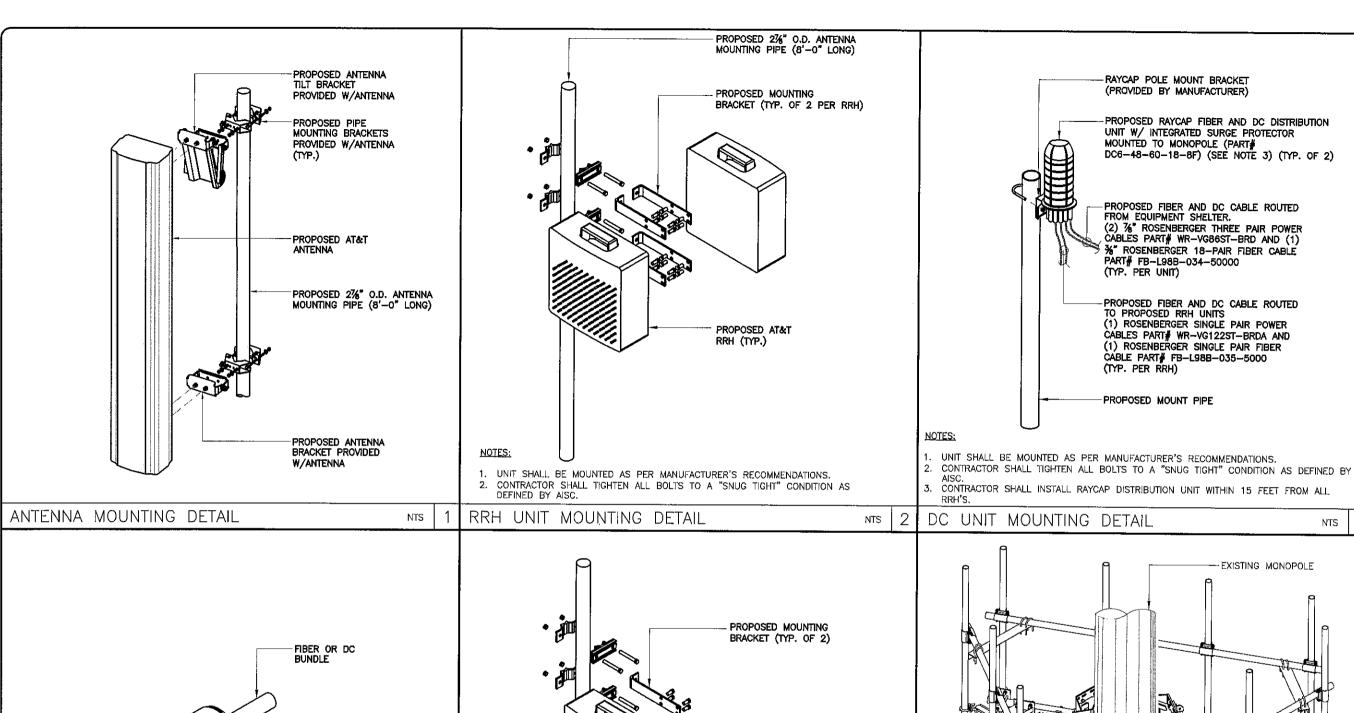
ELEVATION AND ANTENNA LAYOUTS

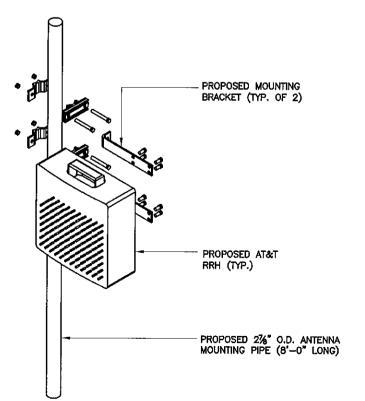
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NTS 3

С3

1. CONTRACTOR SHALL INSTALL RAYCAP DISTRIBUTION UNIT WITHIN 15 FEET FROM ALL RRH'S. 30" - 60" 2. CONTRACTOR SHALL CONFIRM POLE DIAMETER AT COLLAR LOCATIONS PRIOR TO ORDERING MOUNT. SEE TABLE 3. REFER TO CURRENT RFDS FOR ANTENNA MODELS. PROPOSED ANTENNA AND RRH LAYOUT





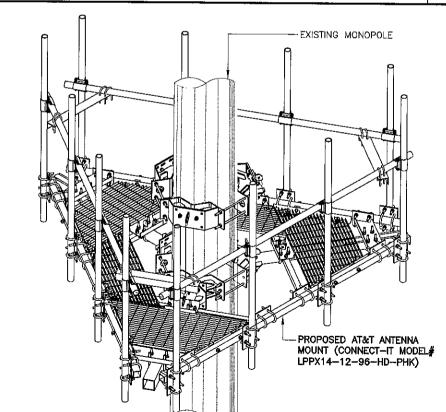
NOTES:

CONNECT-IT CABLE

SUPPORT BLOCK (OR EQUIVALENT) (TYP.)

UNIT SHALL BE MOUNTED AS PER MANUFACTURER'S RECOMMENDATIONS.

CONTRACTOR SHALL TIGHTEN ALL BOLTS TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC



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ONAL. DATE OF SIGNATURE: 2/14/14

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SHEET NAME

**DETAILS** 

SHEET NUMBER

COLLAR MOUNT MODEL NUMBER POLE DIAMETER 10" - 30" RM1030 CONTRACTOR SHALL CONFIRM POLE DIAMETER AT COLLAR LOCATIONS PRIOR TO ORDERING MOUNT. SEE TABLE. 30" - 60" RM3060

FIBER AND DC CABLE MOUNTING DETAIL

(OR EQUIVALENT)

NTS

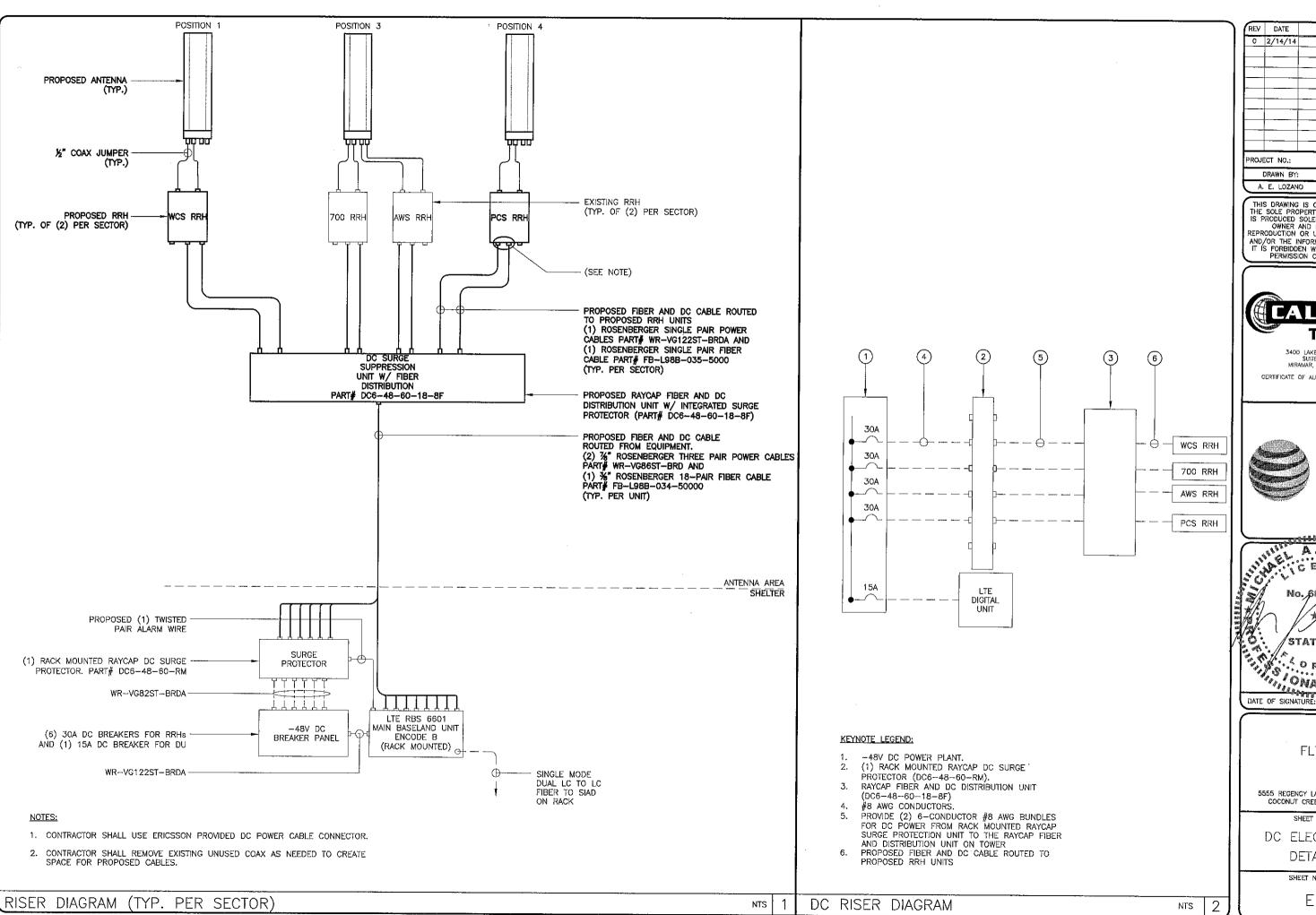
RRH UNIT MOUNTING DETAIL

5

(NOT USED)

NTS

NTS



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	DRAWN BY:	CHECKED BY:
A. E. LOZANO		M. ABBEY

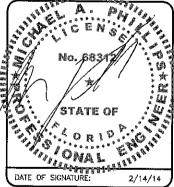
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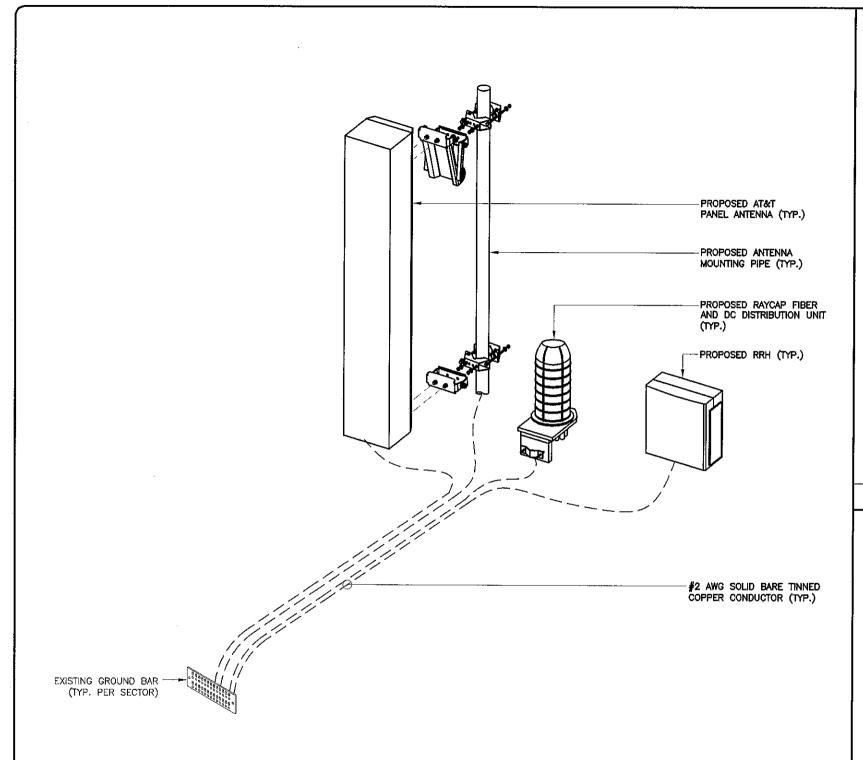
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SHEET NAME

DC ELECTRICAL DETAILS

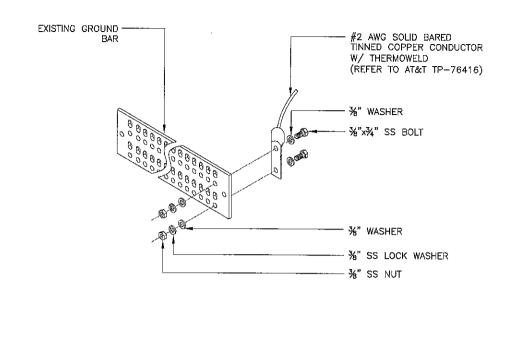
SHEET NUMBER

E1



## NOTES:

- 1. CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416.
- 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,



## TYPICAL GROUND BAR CONNECTION DETAIL

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.

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,

- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP 3.
- 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.
- LIQUID—TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID—TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- 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,
- 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.
- 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.
- 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)
- 10. CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416.

REV	DATE	DESCRIPTION
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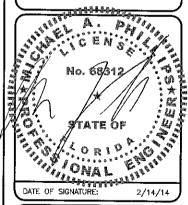
DRAWN BY: CHECKED BY: A. E. LOZANO

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3400 LAKESIDE DRIVE SUITE 525 MIRAMAR, FL 33027 CERTIFICATE OF AUTHORIZATION 29214





FL71

5555 REGENCY LAKES BOULEVARD COCONUT CREEK, FL 33073

SHEET NAME

GROUNDING DETAILS AND NOTES

SHEET NUMBER

GROUNDING DIAGRAM (TYP.)

GROUNDING NOTES

NTS