

SITE INFORMATION

PROPERTY OWNER:

SITE ADDRESS:

CITY OF COCONUT CREEK 5555 REGENCY LAKES BLVD. COCONUT CREEK, FL 33063

5555 REGENCY LAKES BLVD. COCONUT CREEK, FL 33063

ZONING JURISDICTION:

CITY OF COCONUT CREEK

ZONING DISTRICT:

POWER COMPANY: FP&L (800) 516-994-8227

AAV PROVIDER: (888) 638-2822

CELL: (305) 321-5655 OFFICE: (954) 713-9563

PHONE: 561.972.5511

ENGINEER

GEOGRAPHIC COORDINATES:

LATITUDE: 26° 18' 36.11" (26.3101) N LONGITUDE: -80° 11' 57.96" (-80.1994°) W

SPRINT CONSTRUCTION MANAGER: JASON LASKEY 6700 N ANDREWS AVE, SUITE 700 FORT LAUDERDALE, FL 33309

POWDER RIVER DEVELOPMENT SERVICES, LLC. 820 WEST INDIANTOWN ROAD, SUITE 104 JUPITER, FL 33458 CONTACT: DAVID ALLEN, PE

PROJECT:

2.5 EQUIPMENT DEPLOYMENT

SITE NAME:

COCONUT CREEK LAKESIDE PARK

SITE CASCADE:

MI73XC110

SITE NUMBER:

XXXXXXX

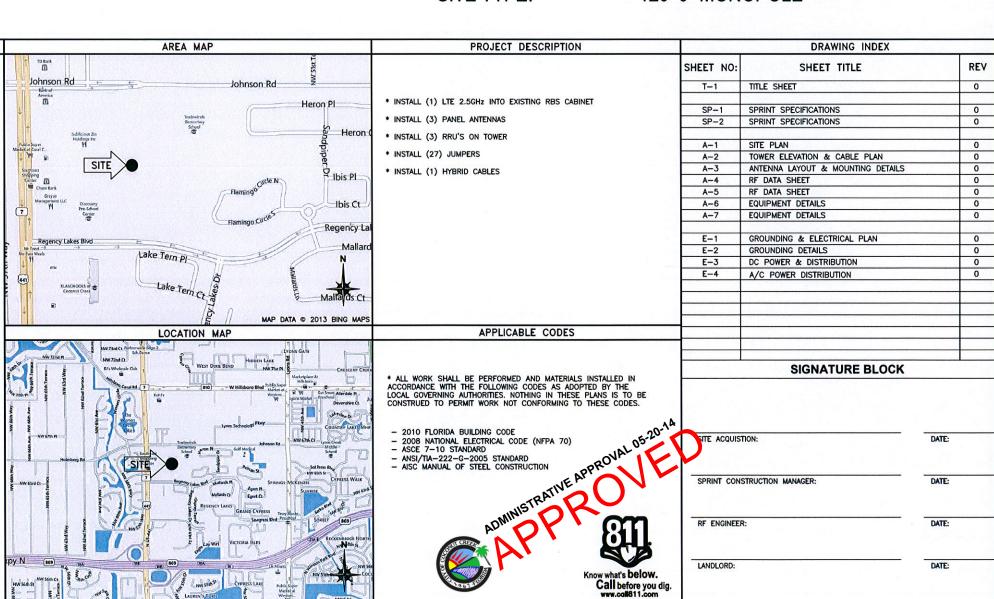
SITE ADDRESS:

5555 REGENCY LAKES BLVD.

COCONUT CREEK, FL 33063

SITE TYPE:

120'-0" MONOPOLE



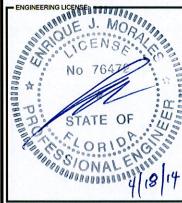




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SUITE 104 JUPITER, FL 33458

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REVISIONS:	(81 has 112 has 1		
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ISSUED FOR CONSTRUCTION 100%	4/18/14	mc	0
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COCONUT CREEK LAKESIDE PARK

MI73XC110

5555 REGENCY LAKES BLVD. COCONUT CREEK, FL 33063

SHEET DESCRIPTION: -

TITLE SHEET

T-1

SECTION 01 100 - SCOPE OF WORK

THE WORK:

SHALL COMPLY WITH APPLICABLE NATIONAL CODES AND STANDARDS, LATEST EDITION, AND PORTIONS THEREOF. SPRINTMOP AND SPRINT STANDARDS AT THE TIME OF CONSTRUCTION

PRECEDENCE

SHOULD CONFLICTS OCCUR BETWEEN THE STANDARD CONSTRUCTION SPECIFICATIONS FOR WIRELESS SITES INCLUDING THE STANDARD CONSTRUCTION DETAILS FOR WIRELESS SITES AND THE CONSTRUCTION DRAWINGS, INFORMATION ON THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE ALONG WITH SPRINT CM APPROVAL.

SITE FAMILIARITY:

CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH

THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

DRAWINGS, SPECIFICATIONS AND DETAILS REQUIRED AT JOBSITE:

THE CONSTRUCTION CONTRACTOR SHALL MAINTAIN A FULL SET OF THE MOST CURRENT CONSTRUCTION DRAWINGS AT THE JOBSITE FROM MOBILIZATION THROUGH CONSTRUCTION

- A. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- CONTRACTOR SHALL NOTIFY SPRINT CONSTRUCTION MANAGER OF ANY VARIATIONS PRIOR TO PROCEEDING WITH THE WORK.DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS NOTED OTHERWISE. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- C. MARK THE FIELD SET OF DRAWINGS IN RED, DOCUMENTING ANY CHANGES FROM THE CONSTRUCTION DOCUMENTS.
- D. CONTRACTOR IS RESPONSIBLE TO MAKE SURE THEY HAVE THE LATEST MOP

METHODS OF PROCEDURE (MOPS) FOR CONSTRUCTION:

CONTRACTOR SHALL PERFORM WORK AS DESCRIBED IN

- COAX COLOR CODING SWEEPS AND FIBER TESTING TS-0200 AND EL-0568
- B. CABLE LABELING EN-2012-00
- C. APPLICABLE INSTALLATION MOPS IDENTIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS

SECTION 01 200 - COMPANY FURNISHED MATERIAL AND EQUIPMENT:

COMPANY FURNISHED MATERIAL AND EQUIPMENT IS IDENTIFIED ON THE RF DATA SHEET IN THE CONSTRUCTION DRAWINGS

CONTRACTOR IS RESPONSIBLE FOR SPRINT PROVIDED MATERIAL AND EQUIPMENT TO ENSURE IT IS PROTECTED AND HANDLED PROPERLY THROUGHOUT THE CONSTRUCTION

CONTRACTOR RESPONSIBLE FOR RECEIPT OF SPRINT FURNISHED EQUIPMENT AT CELL SITE OR CONTRACTORS LOCATION. CONTRACTOR TO COMPLETE SHIPPING AND RECEIPT DOCUMENTATION IN ACCORDANCE WITH COMPANY PRACTICE. CONTRACTOR MAY BE REQUIRED TO PICK UP MATERIALS AT LOCATION PRESCRIBED BY SPRINT.

SECTION 01 300 - CELL SITE CONSTRUCTION:

NOTICE TO PROCEED:

NO WORK SHALL COMMENCE PRIOR TO COMPANY'S WRITTEN NOTICE TO PROCEED AND THE ISSUANCE OF WORK ORDER.

SITE CLEANLINESS:

CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH. AT THE COMPLETION OF THE WORK, CONTRACTOR SHALL REMOVE FROM THE SITE ALL REMAINING RUBBISH, IMPLEMENTS, TEMPORARY FACILITIES, AND SURPLUS

SECTION 01 400 - SUBMITTALS & TESTS

ALTERNATES:

AT THE COMPANY'S REQUEST, ANY ALTERNATIVES TO THE MATERIALS OR METHODS SPECIFIED SHALL BE SUBMITTED TO SPRINTS CONSTRUCTION MANAGER FOR APPROVAL.
SPRINT WILL REVIEW AND APPROVE ONLY THOSE REQUESTS MADE IN WRITING. NO VERBAL

TESTS AND INSPECTIONS:

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION TESTS, NSPECTIONS, JURISDICTION SPECIAL INSPECTIONS AND PROJECT DOCUMENTATION.
- B. CONTRACTOR SHALL ACCOMPLISH TESTING INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
- 1. COAX SWEEPS AND FIBER TESTS PER TS-0200 REV 5 ANTENNA LINE ACCEPTANCE
- AGL, AZIMUTH AND DOWNTILT PROVIDE AN AUTOMATED REPORT UPLOADED TO SITERRA USING A COMMERCIAL MADE—FOR THE PURPOSE ELECTRONIC ANTENNA ALIGNMENT TOOL (AAT). INSTALLED AZIMUTH, CENTERLINE AND DOWNTILT MUST CONFORM WITH RF CONFIGURATION DATA
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CORRECTIONS TO ANY WORK IDENTIFIED AS UNACCEPTABLE IN SITE INSPECTION ACTIVITIES AND/OR AS A RESULT
- 4. ALL TESTING REQUIRED BY APPLICABLE INSTALLATION MOPS.
- REQUIRED CLOSEOUT DOCUMENTATION INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING; C.
- 1. AZIMUTH, DOWNTILT, AGL FROM SUNSIGHT INSTRUMENTS OR 3Z ANTENNA ALIGNMENT TOOL (AAT)
- 2. SWEEP AND FIBER TESTS
- 3. SCALABLE BARCODE PHOTOGRAPHS OF TOWER TOP AND INACCESSIBLE SERIALIZED
- 4. ALL AVAILABLE JURISDICTIONAL PERMIT AND OCCUPANCY INFORMATION
- 5. PDF SCAN OF REDLINES PRODUCED IN FIELD
- 6. A PDF SCAN OF REDLINE MARK-UPS SUITABLE FOR USE IN ELECTRONIC AS-BUILT DRAWING PRODUCTION
- 7. LIEN WAIVERS
- 8. FINAL PAYMENT APPLICATION
- 9. REQUIRED FINAL CONSTRUCTION PHOTOS
- 10. CONSTRUCTION AND COMMISSIONING CHECKLIST COMPLETE WITH NO DEFICIENT ITEMS
- 11. APPLICABLE POST NTP TASKS INCLUDING DOCUMENT UPLOADS COMPLETED IN SITERRA (SPRINTS DOCUMENT REPOSITORY OF RECORD).
- 12. CLOSEOUT PHOTOGRAPHS AND CLOSEOUT CHECKLIST: SPRINT WILL PROVIDE SEPARATE GUIDANCE

SECTION 11 700 - ANTENNA ASSEMBLY, REMOTE RADIO UNITS AND CABLE INSTALLATION

THIS SECTION SPECIFIES INSTALLATION OF ANTENNAS, RRU'S, AND CABLE EQUIPMENT, INSTALLATION, AND TESTING OF COAXIAL FIBER CABLE.

ANTENNAS AND RRU'S

THE NUMBER AND TYPE OF ANTENNAS AND RRU'S TO BE INSTALLED IS DETAILED ON THE

HYBRID CABLE:

HYBRID CABLE WILL BE DC/FIBER AND FURNISHED FOR INSTALLATION AT EACH SITE. CABLE SHALL BE INSTALLED PER THE CONSTRUCTION DRAWINGS AND THE APPLICABLE MANUFACTURER'S REQUIREMENTS.

JUMPERS AND CONNECTORS:

FURNISH AND INSTALL 1/2" COAX JUMPER CABLES BETWEEN THE RRU'S AND ANTENNAS. JUMPERS SHALL BE TYPE LDF 4, FLC 12-50, CR 540, OR FXL 540. SUPER-FLEX CABLES ARE NOT ACCEPTABLE. JUMPERS BETWEEN THE RRU'S AND ANTENNAS OR TOWER TOP AMPLIFIERS SHALL CONSIST OF 1/2 INCH FOAM DIELECTRIC, OUTDOOR RATED COAXIAL CABLE, MIN LENGTH FOR JUMPER SHALL BE SO AS TO ALLOW FOR THE PROPER BEND RADIUS PER MANUFACTURER OR SPRINT SPECIDICATIONS.

REMOTE ELECTRICAL TILT (RET) CABLES: A/E TO INSERT SPECIFICATION

MISCELLANEOUS: INSTALL SPLITTERS, COMBINERS, FILTERS PER RF DATA SHEET, FURNISHED BY SPRINT.

ANTENNA INSTALLATION:
THE CONTRACTOR SHALL ASSEMBLE ALL ANTENNAS ONSITE IN ACCORDANCE WITH THE INSTRUCTIONS SUPPLIED BY THE MANUFACTURER. ANTENNA HEIGHT, AZIMUTH, AND FEED ORIENTATION INFORMATION SHALL BE A DESIGNATED ON THE CONSTRUCTION DRAWINGS

- A. THE CONTRACTOR SHALL POSITION THE ANTENNA ON TOWER PIPE MOUNTS SO THAT THE BOTTOM STRUT IS LEVEL. THE PIPE MOUNTS SHALL BE PLUMB TO WITHIN
- B. ANTENNA MOUNTING REQUIREMENTS: PROVIDE ANTENNA MOUNTING HARDWARE AS

- A. THE CONTRACTOR SHALL ROUTE, TEST, AND INSTALL ALL CABLES AS INDICATED ON THE CONSTRUCTION DRAWINGS AND IN ACCORDANCE WITH THE MANUFACTURER'S
- B. THE INSTALLED RADIUS OF THE CABLES SHALL NOT BE LESS THAN THE MANUFACTURER'S SPECIFICATIONS FOR BENDING RADII.
- C. EXTREME CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE CABLES DURING HANDLING
- 1. FASTENING MAIN HYBRID CABLES: ALL CABLES SHALL BE INSTALLED INSIDE MONOPOLE WITH CABLE SUPPORT GRIPS AS REQUIRED BY THE MANUFACTURER. HOISTING GRIPS SHOULD BE INSTALLED TO MID POINT IF CABLE RUN EXCEEDS 200FT AS WELL AS AT TOP SIDE.
- 2. FASTENING INDIVIDUAL FIBER AND DC CABLES ABOVE BREAKOUT ENCLOSURE (MEDUSA), WITHIN THE MMBS CABINET AND ANY INTERMEDIATE DISTRIBUTION BOXES
 - FIBER: SUPPORT FIBER BUNDLES USING ½" VELCRO STRAPS OF THE REQUIRED LENGTH @ 18" OC. STRAPS SHALL BE UV, OIL AND WATER RESISTANT AND SUITABLE FOR INDUSTRIAL INSTALLATIONS AS MANUFACTURED BY TEXTOL OR
 - b. DC: SUPPORT DC BUNDLES WITH ZIP TIES OF THE ADEQUATE LENGTH. ZIP TIES TO BE UV STABILIZED, BLACK NYLON, WITH TENSILE STRENGTH AT 12,000 PSI AS MANUFACTURED BY NELCO PRODUCTS OR EQUAL.
- 3. FASTENING OR SECURING JUMPERS SHOULD CONSIST OF STAINLESS STEEL CLIPS 18" FROM REAR OF CONNECTOR AND 24" THEREAFTER AND AT NO TIME SHALL THEY CONTACT TOWER OR STRUCTURAL STEEL.
- a. INSPECT CABLE PRIOR TO USE FOR SHIPPING DAMAGE, NOTIFY THE CONSTRUCTION MANAGER.
- b. CABLE ROUTING: CABLE INSTALLATION SHALL BE PLANNED TO ENSURE THAT THE LINES WILL BE PROPERLY ROUTED IN THE CABLE ENVELOP AS INDICATED ON THE DRAWINGS. AVOID TWISTING AND CROSSOVERS.
- c. HOIST CABLE USING PROPER HOISTING GRIPS. DO NOT EXCEED MANUFACTURES RECOMMENDED MAXIMUM BEND RADIUS.



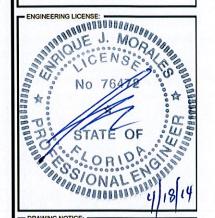


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SITE NAME

COCONUT CREEK LAKESIDE PARK

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MI73XC110

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- SHEET DESCRIPTION: -

SPRINT SPECIFICATIONS

SHEET NUMBER:

SP-1

CONTINUE FROM SP-1

- 5. GROUNDING OF TRANSMISSION LINES: ALL TRANSMISSION LINES SHALL BE GROUNDED AS INDICATED ON DRAWINGS.
- 6. HYBRID CABLE COLOR CODING: ALL COLOR CODING SHALL BE AS REQUIRED IN TS
- HYBRID CABLE LABELING: INDMDUAL HYBRID AND DC BUNDLES SHALL BE LABELED ALPHA-NUMERICALLY ACCORDING TO SPRINT CELL SITE ENGINEERING NOTICE EN 2012-001, REV 1

WEATHERPROOFING EXTERIOR CONNECTORS AND HYBRID CABLE GROUND KITS:

- A. ALL FIBER & COAX CONNECTORS AND GROUND KITS SHALL BE WEATHERPROOFED.
- B. WEATHERPROOFED USING ONE OF THE FOLLOWING METHODS, ALL INSTALLATIONS MUST BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND
- COLD SHRINK: ENCOMPASS CONNECTOR IN COLD SHRINK TUBING AND PROVIDE A DOUBLE WRAP OF 2° ELECTRICAL TAPE EXTENDING 2° BEYOND TUBING. PROVIDE 3M COLD SHRINK CXS SERIES OR EQUAL.
- SELF-AMALGAMATING TAPE: CLEAN SURFACES. APPLY A DOUBLE WRAP OF SELF-AMALGAMATING TAPE 2" BEYOND CONNECTOR. APPLY A SECOND WRAP OF SELF-AMALGAMATING TAPE IN OPPOSITE DIRECTION. APPLY DOUBLE WRAP OF 2" WIDE ELECTRICAL TAPE EXTENDING 2" BEYOND THE SELF-AMALGAMATING TAPE.
- 3. 3M SLIM LOCK CLOSURE 716: SUBSTITUTIONS WILL NOT BE ALLOWED.
 4. JMA-WPS SERIES ENCLOSURE
- 5. BUTL AND TAPE, I COMPLETE WRAP OF *\(\text{*}\) " PRE-TAPE BUTYL WRAPPED IN HALF INCH LAP LAYERS, ENDED WITH SHINGLED DOWNWARD 3 WRAPS TO 2" TAPE, 3 WAPS OF 34" TAPE SHINGLED DOWNWARD, FREE OF WRINKLES, BUCKLES, AND
- 6. OPEN FLAME ON JOB SITE IS NOT ACCEPTABLE

SECTION 11 800 - INSTALLATION OF MULTIMODAL BASE STATIONS (MMBS) AND RELATED EQUIPMENT SUMMARY

- A. THIS SECTION SPECIFIES MMBS CABINETS, POWER CABINETS, AND INTERNAL EQUIPMENT INCLUDING BY NOT LIMITED TO RECTIFIERS, POWER DISTRIBUTION UNITS, BASE BAND UNITS, SURGE ARRESTORS, BATTERIES, AND SIMILAR EQUIPMENT FURNISHED BY THE COMPANY FOR INSTALLATION BY THE CONTRACTOR (OFCI).
- CONTRACTOR SHALL PROVIDE AND INSTALL ALL MISCELLANEOUS MATERIALS AND PROVIDE ALL LABOR REQUIRED FOR INSTALLATION EQUIPMENT IN EXISTING CABINET OR NEW CABINET AS SHOWN ON DRAWINGS AND AS REQUIRE BY THE APPLICABLE
- C. COMPLY WITH MANUFACTURERS INSTALLATION AND START-UP REQUIREMENTS

DC CIRCUIT BREAKER LABELING

A. NEW DC CIRCUIT IS REQUIRED IN MMBS CABINET SHALL BE CLEARLY IDENTIFIED AS TO

SECTION 26 100 - BASIC ELECTRICAL REQUIREMENTS

SUMMARY: THIS SECTION SPECIFIES BASIC ELECTRICAL REQUIREMENTS FOR SYSTEMS AND

QUALITY ASSURANCE:

- A. ALL EQUIPMENT FURNISHED UNDER DIVISION 26 SHALL CARRY UL LABELS AND LISTINGS WHERE SUCH LABELS AND LISTINGS ARE AVAILABLE IN THE INDUSTRY.
- B. MANUFACTURERS OF EQUIPMENT SHALL HAVE A MINIMUM OF THREE YEARS EXPERIENCE WITH THEIR EQUIPMENT INSTALLED AND OPERATING IN THE FIELD IN A USE SIMILAR TO THE PROPOSED USE FOR THIS PROJECT.
- C. <u>MATERIALS AND EQUIPMENT</u>: ALL MATERIALS AND EQUIPMENT SPECIFIED IN DIVISION 26 OF THE SAME TYPE SHALL BE OF THE SAME MANUFACTURER AND SHALL BE NEW, OF THE BEST QUALITY AND DESIGN, AND FREE FROM DEFECTS

SUPPORTING DEVICES:

- A. ALL EQUIPMENT FURNISHED UNDER DIVISION 26 SHALL CARRY UL LABELS AND LISTINGS WHERE SUCH LABELS AND LISTINGS ARE AVAILABLE IN THE INDUSTRY.
- B. MANUFACTURERS OF EQUIPMENT SHALL HAVE A MINIMUM OF THREE YEARS EXPERIENCE WITH THEIR EQUIPMENT INSTALLED AND OPERATING IN THE FIELD IN A USE SIMILAR TO THE PROPOSED USE FOR THIS PROJECT.
- C. MATERIALS AND EQUIPMENT: ALL MATERIALS AND EQUIPMENT SPECIFIED IN DIVISION 26 OF THE SAME TYPE SHALL BE OF THE SAME MANUFACTURER AND SHALL BE NEW, OF THE BEST QUALITY AND DESIGN, AND FREE FROM DEFECTS

SUPPORTING DEVICES:

- A. MANUFACTURED STRUCTURAL SUPPORT MATERIALS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE FOLLOWING:
- 1. ALLIED TUBE AND CONDUIT
- 2. B-LINE SYSTEM
- 3. SUNISTRUT DIVERSIFIED PRODUCTS
- 4. THOMAS & BETTS
- B. FASTENERS: TYPES, MATERIALS, AND CONSTRUCTION FEATURES AS FOLLOWS:
- 1. EXPANSION ANCHORS: CARBON STEEL WEDGE OR SLEEVE TYPE
- 2. POWER-DRIVEN THREADED STUDS: HEAT-TREATED STEEL, DESIGNED SPECIFICALLY FOR THE INTENDED SERVICE.
- 3. FASTEN BY MEANS OF WOOD SCREWS ON WOOD.
- 4. TOGGLE BOLTS ON HOLLOW MASONRY UNITS.
- 5. CONCRETE INSERTS OR EXPANSION BOLTS ON CONCRETE OR SOLID MASONRY.
- 6. MACHINE SCREWS, WELDED THREADED STUDS, OR SPRING-TENSION CLAMPS ON
- 7. EXPLOSIVE DEVICES FOR ATTACHING HANGERS TO STRUCTURE SHALL NOT BE
- 8. DO NOT WELD CONDUIT, PIPE STRAPS, OR ITEMS OTHER THAN THREADED STUDS TO STEEL STRUCTURES.
- 9. IN PARTITIONS OF LIGHT STEEL CONSTRUCTION, USE SHEET METAL SCREWS.

SUPPORTING DEVICES:

- A. INSTALL SUPPORTING DEVICES TO FASTEN ELECTRICAL COMPONENTS SECURELY AND PERMANENTLY IN ACCORDANCE WITH NEC.
- B. COORDINATE WITH THE BUILDING STRUCTURAL SYSTEM AND WITH OTHER TRADES.
- C. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, FASTEN ELECTRICAL ITEMS AND THEIR SUPPORTING HARDWARE SECURELY TO THE STRUCTURE IN ACCORDANCE WITH
- D. ENSURE THAT THE LOAD APPLIED BY ANY FASTENER DOES NOT EXCEED 25 PERCENT THE PROOF TEST LOAD.
- E. USE VIBRATION AND SHOCK-RESISTANT FASTENERS FOR ATTACHMENTS TO CONCRETE

ELECTRICAL IDENTIFICATION:

- A. UPDATE AND PROVIDE TYPED CIRCUIT BREAKER SCHEDULES IN THE MOUNTING BRACKET, INSIDE DOORS OF AC PANEL BOARDS WITH ANY CHANGES MADE TO THE AC SYSTEM.
- B. BRANCH CIRCUITS FEEDING AVIATION OBSTRUCTION LIGHTING EQUIPMENT SHALL BE CLEARLY IDENTIFIED AS SUCH AT THE BRANCH CIRCUIT PANELBOARD.

SECTION 26 200 - ELECTRICAL MATERIALS AND EQUIPMENT CONDUIT:

- A. RIGID GALVANIZED STEEL (RGS) CONDUIT SHALL BE USED FOR EXTERIOR LOCATIONS ABOVE GROUND AND IN UNFINISHED INTERIOR LOCATIONS AND FOR ENCASED RUNS IN CONCRETE. RIGID CONDUIT AND FITTINGS SHALL BE STEEL, COATED WITH ZINC EXTERIOR AND INTERIOR BY THE HOT DIP GALVANIZING PROCESS. CONDUIT SHALL BE PRODUCED TO ANSI SPECIFICATIONS C80.1, FEDERAL SPECIFICATION WW-C-581 AND SHALL BE LISTED WITH THE UNDERWRITERS' LABORATORIES. FITTINGS SHALL BE THREADED — SET SCREW OR COMPRESSION FITTINGS WILL NOT BE ACCEPTABLE. RGS CONDUITS SHALL BE MANUFACTURED BY ALLIED, REPUBLIC OR WHEATLAND.
- B. UNDERGROUND CONDUIT IN CONCRETE SHALL BE POLYVINYLCHLORIDE (PVC) SUITABLE FOR DIRECT BURIAL AS APPLICABLE. JOINTS SHALL BE BELLED, AND FLUSH SOLVENT WELDED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. CONDUIT SHALL BE CARLON ELECTRICAL PRODUCTS OR APPROVED EQUAL.
- C. TRANSITIONS BETWEEN PVC AND RIGID (RGS) SHALL BE MADE WITH PVC COATED METALLIC LONG SWEEP RADIUS ELBOWS.
- D. EMT OR RIGID GALVANIZED STEEL CONDUIT MAY BE USED IN FINISHED SPACES CONCEALED IN WALLS AND CEILINGS. EMT SHALL BE MILD STEEL, ELECTRICALLY WELDED, ELECTRO—GALVANIZED OR HOT—DIPPED GALVANIZED AND PRODUCED TO ANSI SPECIFICATION C80.3, FEDERAL SPECIFICATION WHO—C-563, AND SHALL BE UL LISTED. EMT SHALL BE MANUFACTURED BY ALLIED, REPUBLIC OR WHEATLAND, OR APPROVED EQUAL. FITTINGS SHALL BE METALLIC COMPRESSION. SET SCREW CONNECTIONS SHALL NOT BE ACCEPTABLE.
- E. LIQUID TIGHT FLEXIBLE METALLIC CONDUIT SHALL BE USED FOR FINAL CONNECTION TO EQUIPMENT. FITTINGS SHALL BE METALLIC GLAND TYPE COMPRESSION FITTINGS, MAINTAINING THE INTEGRITY OF CONDUIT SYSTEM. SET SCREW CONNECTIONS SHALL NOT BE ACCEPTABLE. MAXIMUM LENGTH OF FLEXIBLE CONDUIT SHALL NOT EXCEED 6-FEET. LFMC SHALL BE PROTECTED AND SUPPORTED AS REQUIRE BY NEC. MANUFACTURERS OF FLEXIBLE CONDUITS SHALL BE CAROL, ANACONDA METAL HOSE OR UNIVERSAL METAL HOSE, OR APPROVED EQUAL.
- F. MINIMUM SIZE CONDUIT SHALL BE 3/4 INCH (21MM).

HUBS AND BOXES:

- A. AT ENTRANCES TO CABINETS OR OTHER EQUIPMENT NOT HAVING INTEGRAL THREADED HUBS PROVIDE METALLIC THREADED HUBS OF THE SIZE AND CONFIGURATION REQUIRED. HUB SHALL INCLUDE LOCKNUT AND NEOPRENE O-RING SEAL PROVIDE IMPACT RESISTANT 105 DEGREE C PLASTIC BUSHINGS TO PROTECT CABLE INSULATION.
- B. CABLE TERMINATION FITTINGS FOR CONDUIT
- CABLE TERMINATORS FOR RGS CONDUITS SHALL BE TYPE CRC BY 0-Z/GEDNEY OR EQUAL BY ROX TEC.
- CABLE TERMINATORS FOR LFMC SHALL BE ETCO CL2075; OR MADE FOR THE PURPOSE PRODUCTS BY ROXTEC.
- C. EXTERIOR PULL BOXES AND PULL BOXES IN INTERIOR INDUSTRIAL AREAS SHALL BE PLATED CAST ALLOY, HEAVY DUTY, WEATHERPROOF, DUST PROOF, WITH GASKET, PLATED IRON ALLOY COVER AND STAINLESS STEEL COVER SCREWS, CROUSE—HINDS WAB SERIES
- D. CONDUIT OUTLET BODIES SHALL BE PLATED CAST ALLOY WITH SIMILAR GASKETED COVERS. OUTLET BODIES SHALL BE OF THE CONFIGURATION AND SIZE SUITABLE FOR THE APPLICATION, PROVIDE CROUSE—HINDS FORM 8 OR EQUAL.
- E. MANUFACTURER FOR BOXES AND COVERS SHALL BE HOFFMAN, SQUARE "D", CROUSE—HINDS, COOPER, ADALET, APPLETON, O-Z GEDNEY, RACO, OR APPROVED

SUPPLEMENTAL GROUNDING SYSTEM

- A. FURNISH AND INSTALL A SUPPLEMENTAL GROUNDING SYSTEM TO THE EXTENT INDICATED ON THE DRAWINGS. SUPPORT SYSTEM WITH NON-MAGNETIC STAINLESS STEEL CLIPS WITH RUBBER GROMMETS. GROUNDING CONNECTORS SHALL BE TINNED COPPER WIRE, SIZES AS INDICATED ON THE DRAWINGS. PROVIDE STRANDED OR SOLID BARE OR INSULATED CONDUCTORS EXCEPTED AS OTHERWISE NOTED.
- B. SUPPLEMENTAL GROUNDING SYSTEM: ALL CONNECTIONS TO BE MADE WITH CAD WELDS, EXCEPT AT EQUIPMENT USE LUGS OR OTHER AVAILABLE GROUNDING MEANS AS REQUIRED BY MANUFACTURER; AT GROUND BARS USE TWO HOLE SPADES WITH NO OX.
- C. STOLEN GROUND-BARS: IN THE EVENT OF STOLEN GROUND BARS, CONTACT SPRINT CM FOR REPLACEMENT INSTRUCTION USING THREADED ROD KITS.

EXISTING STRUCTURE:

A. EXISTING EXPOSED WIRING AND ALL EXPOSED OUTLETS, RECEPTACLES, SWITCHES, DEVICES, BOXES, AND OTHER EQUIPMENT THAT ARE NOT TO BE UTILIZED IN THE COMPLETED PROJECT SHALL BE REMOVED OR DE—ENERGIZED AND CAPPED IN THE WALL, CEILING, OR FLOOR SO THAT THEY ARE CONCEALED AND SAFE. WALL, CEILING, OR FLOOR SHALL BE PATCHED TO MATCH THE ADJACENT CONSTRUCTION.

CONDUIT AND CONDUCTOR INSTALLATION:

- A. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED TO PREVENT CONCRETE, PLASTER OR DITT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
- B. CONDUCTORS SHALL BE PULLED IN ACCORDANCE WITH ACCEPTED GOOD PRACTICE.



PLANS PREPARED BY:



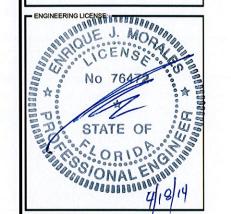
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SITE NAME:

COCONUT CREEK LAKESIDE PARK

SITE CASCADE: -

MI73XC110

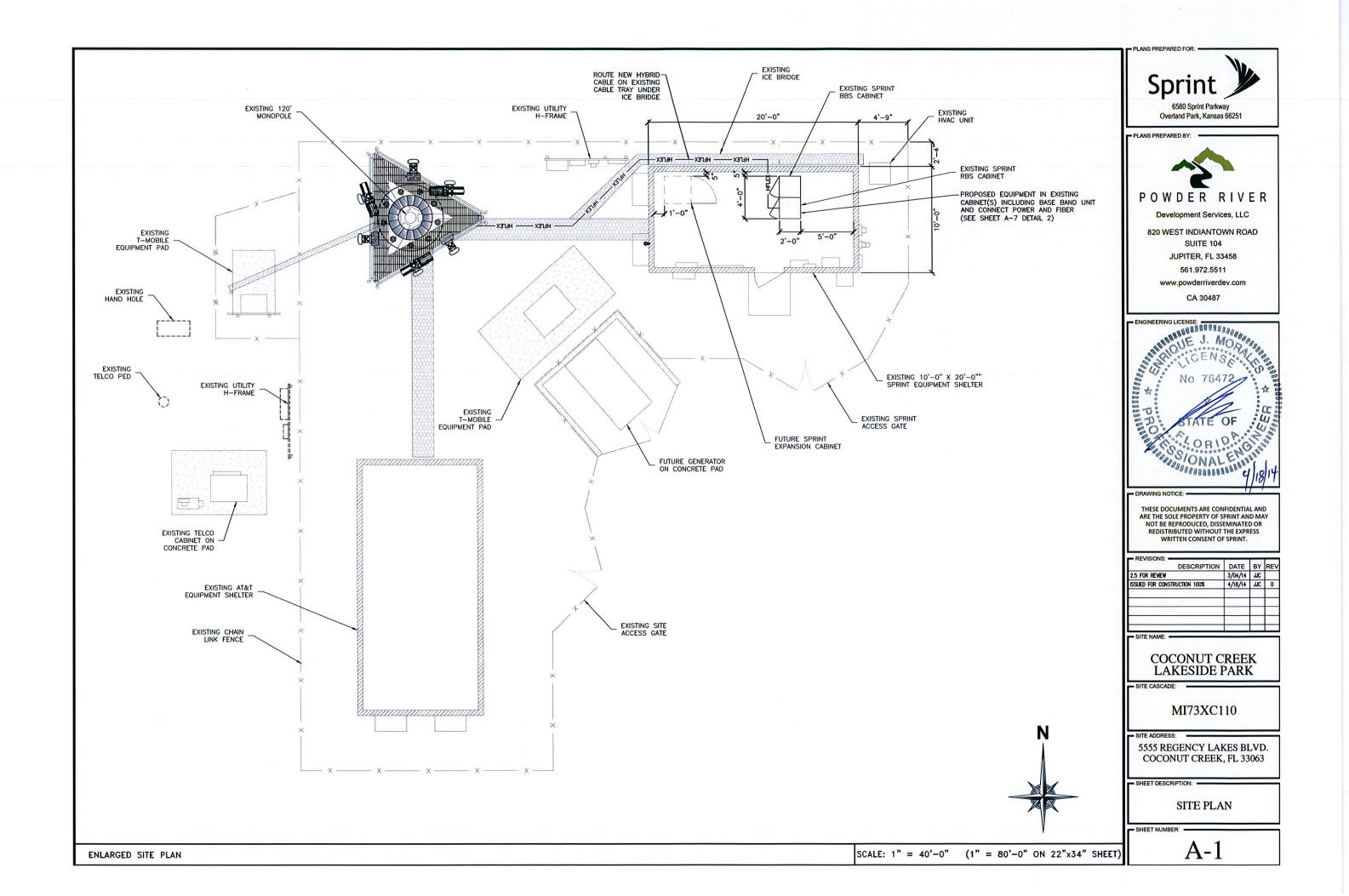
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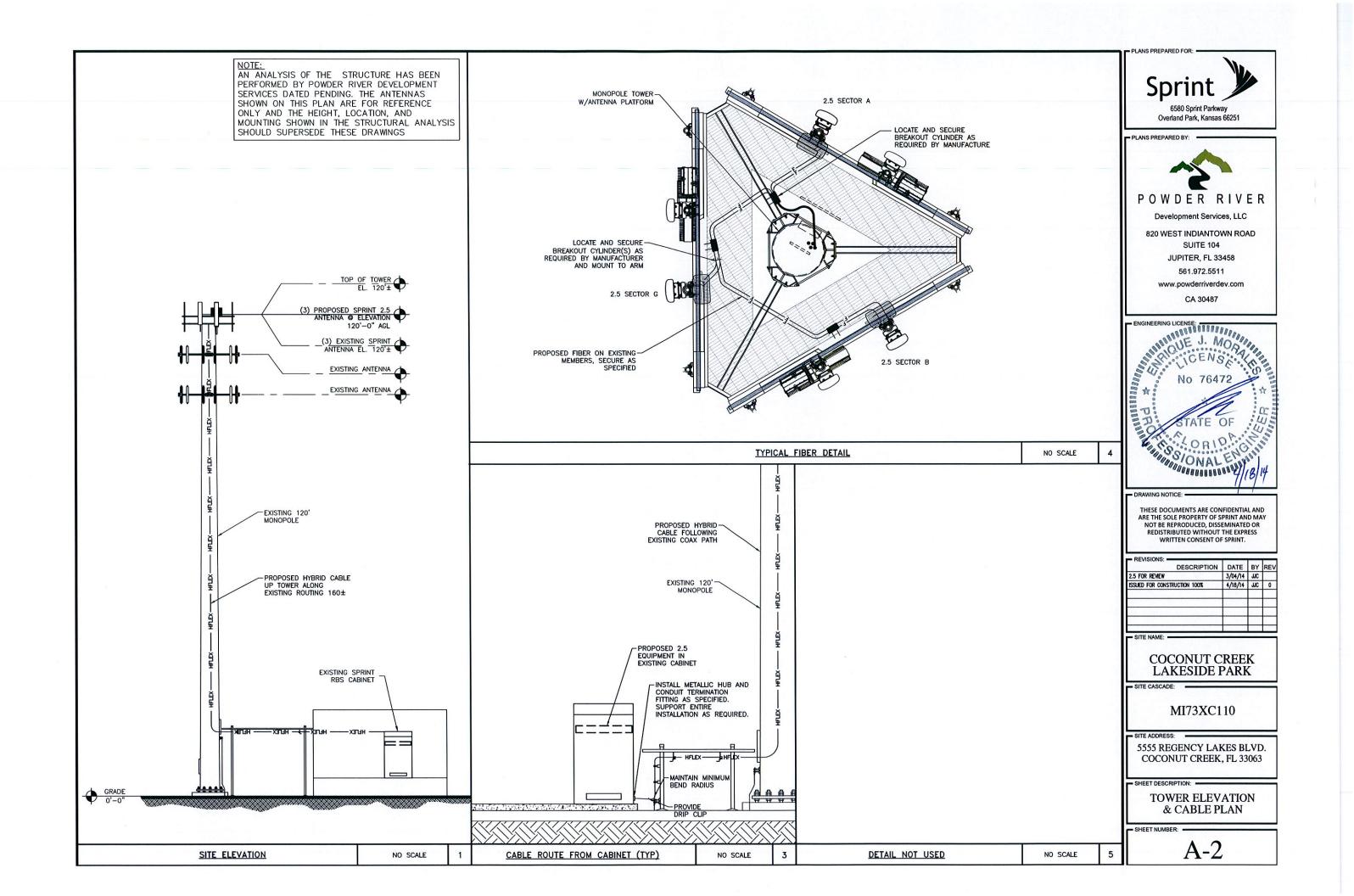
5555 REGENCY LAKES BLVD. COCONUT CREEK, FL 33063

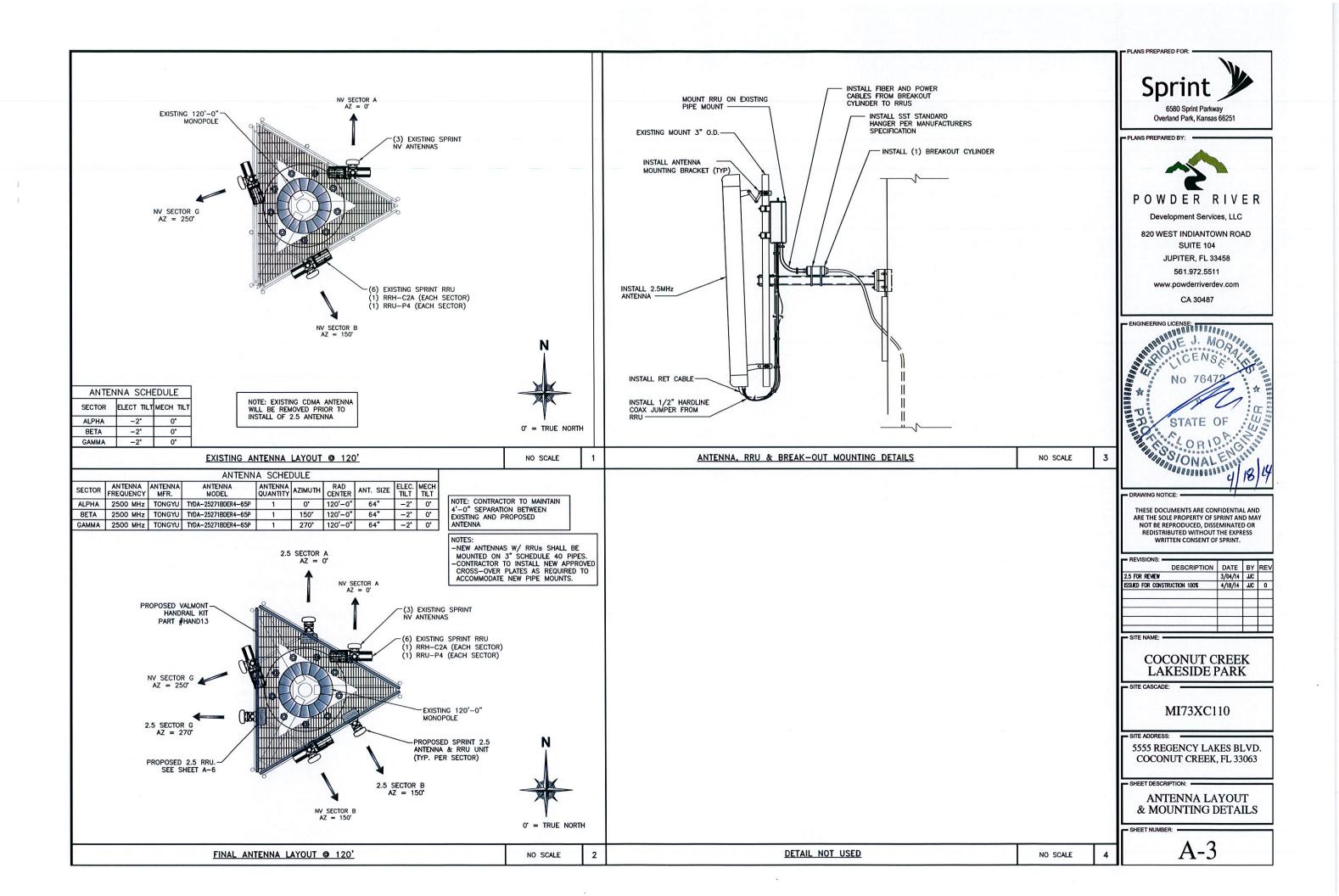
SHEET DESCRIPTION: -

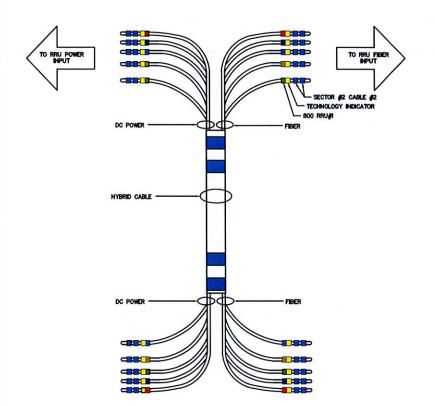
SPRINT SPECIFICATIONS

SP-2









GPS	FIR RII	IST NG		OND NG
1	YELLOW	BLACK	NO TAPE	NO TAP
	BLACK	YELLOW	NO TAPE	NO TAP
	YELLOW	BLACK	YELLOW	BLACK
2	BLACK	YELLOW	BLACK	YELLOW

3 HYBRID CABLE COLOR CODE SCALE: N.T.S.

2 GPS COLOR CODE SCALE: N.T.S.

	2500MI	Hz RADIO	CALIBRATIO	ON CABLE	COLOR CO	DE	
2500 MHz #1 CAL CABLE - SECTOR	CABLE	FIRST RING	SECOND RING	THIRD RING	FOURTH RING	FIFTH RING	SIXTH
1 ALPHA	1	YELLOW	BLACK	YELLOW	WHITE	BLACK	BLACK
2 BETA	2	YELLOW	YELLOW	BLACK	YELLOW	WHITE	BLACK
3 GAMMA	3	YELLOW	YELLOW	YELLOW	BLACK	YELLOW	WHITE
	5 1 1 1 1 1						
2500 MHz #2 CAL CABLE - SECTOR	CABLE	FIRST RING	SECOND RING	THIRD RING	FOURTH RING	FIFTH RING	SIXTH
1 ALPHA	1	YELLOW	BLACK	YELLOW	PURPLE	BLACK	BLACK
2 BETA	2	YELLOW	YELLOW	BLACK	YELLOW	PURPLE	BLACK
3 GAMMA	3	YELLOW	YELLOW	YELLOW	BLACK	YELLOW	PURPLE

■ FREQUENCY COLOR CODE

SCALE: N.T.S.

ANTENNA MOUNTING NOTES

- APPROXIMATE LENGTH OF (1) HYBRID CABLE RUN = APPROX. LENGTH OF ICE BRIDGE + ANTENNA MOUNTING HEIGHT + 20 FEET
- 2. CONTRACTOR SHALL VERIFY THE DOWNTILT OF EACH ANTENNA WITH A DIGITAL LEVEL.
- 3. CONTRACTOR TO CONFIRM HYBRID CABLE COLOR CODING PRIOR TO CONSTRUCTION.

CABLE MARKING NOTES

- ALL CABLES SHALL BE MARKED WITH 2" WIDE, UV STABILIZED, UL APPROVED TAPE.
- 2. THE FIRST RING SHALL BE CLOSEST TO THE END OF THE CABLE AND SPACED APPROXIMATELY 2" FROM THE END CONNECTOR, WEATHERPROOFING, OR BREAKOUT UNIT. THERE SHALL BE 1" SPACE BETWEEN EACH RING.
- 3. A 2" GAP SHALL SEPARATE THE CABLE COLOR CODE FROM THE FREQUENCY COLOR CODE. THE 2" COLOR RINGS FOR THE FREQUENCY CODE SHALL BE PLACED NEXT TO EACH OTHER WITH NO SPACES.
- 4. THE 2" COLORED TAPE(S) SHALL BE WRAPPED A MINIMUM OF 3 TIMES AROUND THE INDMIDUAL CABLES, AND THE TAPE SHALL BE KEPT IN THE SAME LOCATION AS MUCH AS POSSIBLE.
- 5. SITES WITH MORE THAN FOUR (4) SECTORS WILL REQUIRE ADDITIONAL RINGS FOR EACH SECTOR, FOLLOWING THE PATTERN. HIGH CAPACITY SITES WILL USE THE SECOND CABLE IDENTIFIED BY BLUE BANDS OF TAPE
- 6. HYBRID FIBER CABLE SHALL BE SECTOR IDENTIFIED INSIDE THE CABINET ON FREQUENCY BUNDLES, ON THE SEALTITE, ON THE MAIN LINE UPON EXIT OF SEALTITE, AND BEFORE AND AFTER THE BREAKOUT UNIT (MEDUSA), AS WELL AS BEFORE AND AFTER ANY ENTRANCE OR EXIT.
- HFC "MAIN TRUNK" WILL NOT BE MARKED WITH THE FREQUENCY CODES, AS IT CONTAINS ALL FREQUENCIES.
- 8. INDMIDUAL POWER PAIRS AND FIBER BUNDLES SHALL BE LABELED WITH BOTH THE CABLE AND FREQUENCY.



PLANS PREPARED BY:



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CA 30487

FOR - ON

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DESCRIPTION	DATE	BY	REV
2.5 FOR REVIEW	3/04/14	710	
ISSUED FOR CONSTRUCTION 100%	4/18/14	nc	0
			_

SITE NAME:

COCONUT CREEK LAKESIDE PARK

SITE CASCADE:

MI73XC110

- SITE ADDRESS: ---

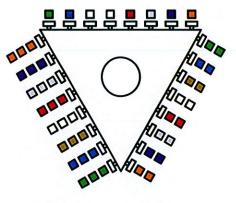
5555 REGENCY LAKES BLVD. COCONUT CREEK, FL 33063

- SHEET DESCRIPTION: ----

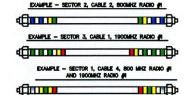
RF DATA SHEET

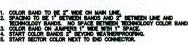
- SHEET NUMBER:

A-4











3 ANTENNA & CABLE COLOR CODE SCALE: N.T.S.

SECTOR	CABLE	FIRST RING	SECOND RING	THIRD RING
1 ALPHA	1	GREEN	NO TAPE	NO TAPE
1	2		NO TAPE	NO TAPE
1	3	BROWN	NO TAPE	NO TAPE
1	4	WHITE	NO TAPE	NO TAPE
1 8.7	5	RED	NO TAPE	NO TAP
1	6	GREY	NO TAPE	NO TAPE
1	7	PURPLE	NO TAPE	NO TAP
1	8	ORANGE	NO TAPE	NO TAP
2 BETA	1	GREEN	GREEN	NO TAP
2	2	BLUE		NO TAP
2	3	BROWN	BROWN	NO TAP
2	4	WHITE	WHITE	NO TAP
2	5	RED	RED	NO TAP
2	6	GREY	GREY	NO TAP
2	7	PURPLE	PURPLE	NO TAP
2	8	ORANGE	ORANGE	NO TAP
3 GAMMA	1	GREEN	GREEN	GREEN
3	2	BLUE		
3	3	BROWN	BROWN	BROWN
3	4	WHITE	WHITE	WHITE
3	5	RED	RED	RED
3	6	GREY	GREY	GREY
3	7	PURPLE	PURPLE	PURPLE
3	8	ORANGE	ORANGE	ORANGE

5 COAXIAL CABLE COLOR CODE SCALE: N.T.S.

FIRST RING	SECOND RING
YELLOW	GREEN
YELLOW	RED
YELLOW	BROWN
YELLOW	
YELLOW	GREY
YELLOW	ORANGE
YELLOW	WHITE
YELLOW	PURPLE
	RING YELLOW YELLOW YELLOW YELLOW YELLOW YELLOW YELLOW

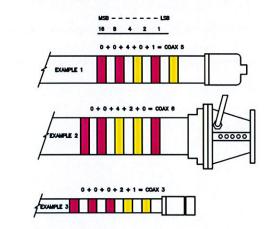
2 FREQUENCY COLOR CODE

IF APPLICABLE PER RFDS

	MICRO	WAVE LINE	COLOR C	HART	
	LSB				MSB
CABLE	STRIPE 1 (1)*	STRIPE 2 (2)	STRIPE 3	STRIPE 4 (4)	STRIPE 5
1	YELLOW	PURPLE	PURPLE	PURPLE	PURPLE
2	PURPLE	YELLOW	PURPLE	PURPLE	PURPLE
3	YELLOW	YELLOW	PURPLE	PURPLE	PURPLE
4	PURPLE	PURPLE	YELLOW	PURPLE	PURPLE
5	YELLOW	PURPLE	YELLOW	PURPLE	PURPLE
6	PURPLE	YELLOW	YELLOW	PURPLE	PURPLE
7	YELLOW	YELLOW	YELLOW	PURPLE	PURPLE
8	PURPLE	PURPLE	PURPLE	YELLOW	PURPLE
9	YELLOW	PURPLE	PURPLE	YELLOW	PURPLE
10	PURPLE	YELLOW	PURPLE	YELLOW	PURPLE
11	YELLOW	YELLOW	PURPLE	YELLOW	PURPLE
12	PURPLE	PURPLE	YELLOW	YELLOW	PURPLE
13	YELLOW	PURPLE	YELLOW	YELLOW	PURPLE
14	PURPLE	YELLOW	YELLOW	YELLOW	PURPLE
15	YELLOW	YELLOW	YELLOW	YELLOW	PURPLE
16	PURPLE	PURPLE	PURPLE	PURPLE	YELLOW
17	YELLOW	PURPLE	PURPLE	PURPLE	YELLOW
18	PURPLE	YELLOW	PURPLE	PURPLE	YELLOW
19	YELLOW	YELLOW	PURPLE	PURPLE	YELLOW
20	PURPLE	PURPLE	YELLOW	PURPLE	YELLOW
21	YELLOW	PURPLE	YELLOW	PURPLE	YELLOW
22	PURPLE	YELLOW	YELLOW	PURPLE	YELLOW
23	YELLOW	YELLOW	YELLOW	PURPLE	YELLOW
24	PURPLE	PURPLE	PURPLE	YELLOW	YELLOW

*STRIPE 1 (LSB) SHALL BE PLACED CLOSEST TO THE CONNECTOR END OF CABLE

4 MICROWAVE COLOR CODE CHART IF APPLICABLE PER RFDS



1 MICROWAVE CABLE COLOR CODE IF APPLICABLE PER RFDS



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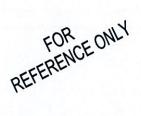


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ISSUED FOR CONSTRUCTION 100%	4/18/14	nc	0
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SITE NAME:

COCONUT CREEK LAKESIDE PARK

SITE CASCADE:

MI73XC110

- SITE ADDRESS: ---

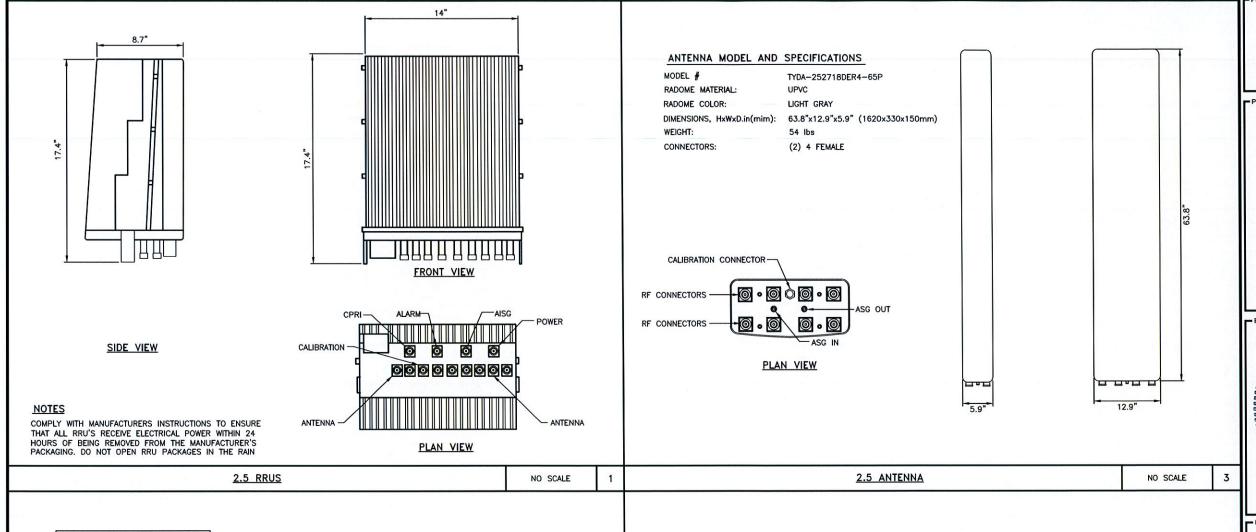
5555 REGENCY LAKES BLVD. COCONUT CREEK, FL 33063

SHEET DESCRIPTION:

RF DATA SHEET

-- SHEET NUMBER: -

4-5



2

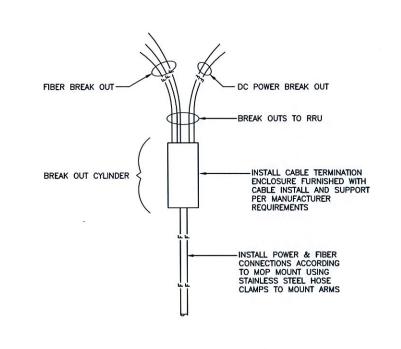
NO SCALE

RADAR FILTER IF REQUIRED
DIMENSIONS WEIGHT
W/O MOUNTING BRACKET
11.8"x9.5"x3.0" 15.5 lbs

NOTE: USE GALVANIZED U BOLTS TO MOUNT FILTER

FILTER DETAIL





HYBRID BREAK OUT DETAIL



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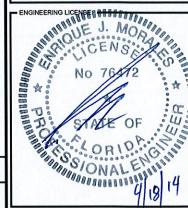
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	844-46		
	THE WAY		

SITE NAME:

COCONUT CREEK LAKESIDE PARK

SITE CASCADE: -

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- SITE ADDRI

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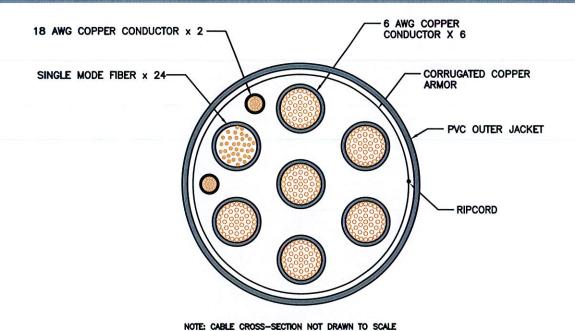
SHEET DESCRIPTION:

EQUIPMENT DETAILS

SHEET NUMBER:

NO SCALE

A-6



Voltage	600
Outer Jacket	PVC
Shielding	Corrugated Copper
Max shield resistance (ohm/ft © 20 c)	0.0035
Drain	n/a
Ripchord	Kevlar
Do conductor material	Copper
Dc conductor size (awg)	6
Max Dc resistance (ohm/1000ft)	0.411 @ 20 deg C
Color Code	Black/Red
Alarm Conductor Material	Copper
Alarm conductor size (awg)	18
Max Dc resistance (ohm/1000ft)	6.7
Color Code	TBD
Fiber Cables	SM
Outer Diameter (in) — Nominal	1.24
Weight (lb/ft)	1.05
Minimum Bend Radius (in)	15
Bend Moment (lb/ft)	TBD
Tensil Strength (lb)	325
Crush Resistance, FOTP-41 (N/mm)	22
Strength Member	No
Operating Temperature Range (low)	-40 deg C
Operating Temperature Range (high)	+80 deg C
	Low Water Peak Single Mode Loose Tube
	ITU-T Rec. G.652.D, G657.A2
	IEC 60793-2-50 Type B.1.3 & Type B.6 A&B
	.242 +/- 0.007mm 0.9 +/- 0.005mm
	24
	Outer Jacket Shielding Max shield resistance (ohm/ft © 20 c) Drain Ripchord Dc conductor material Dc conductor size (awg) Max Dc resistance (ohm/1000ft) Color Code Alarm Conductor Material Alarm conductor size (awg) Max Dc resistance (ohm/1000ft) Color Code Fiber Cobles Outer Diameter (in) — Nominal Weight (lb/ft) Minimum Bend Radius (in) Bend Moment (lb/ft) Tensil Strength (lb) Crush Resistance, FOTP—41 (N/mm) Strength Member Operating Temperature Range (low)

Number, size (awg)

CABLE TYPE

Fiber count jackets



EXISTING SPRINT RBS 6102 WITH 2.5 EQUIPMENT (TYP.)

EXISTING CABINET EQUIPMENT (TYP) SPACE SUITABLE FOR NSN 2.5 EQUIPMENT (TYP)

NO SCALE

2

6580 Sprint Parkway Overland Park, Kansas 66251

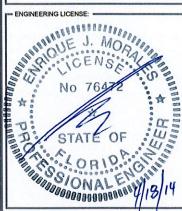
- PLANS PREPARED BY:



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ISSUED FOR CONSTRUCTION 100%	4/18/14	nc	0
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COCONUT CREEK LAKESIDE PARK

- SITE CASCADE: ---

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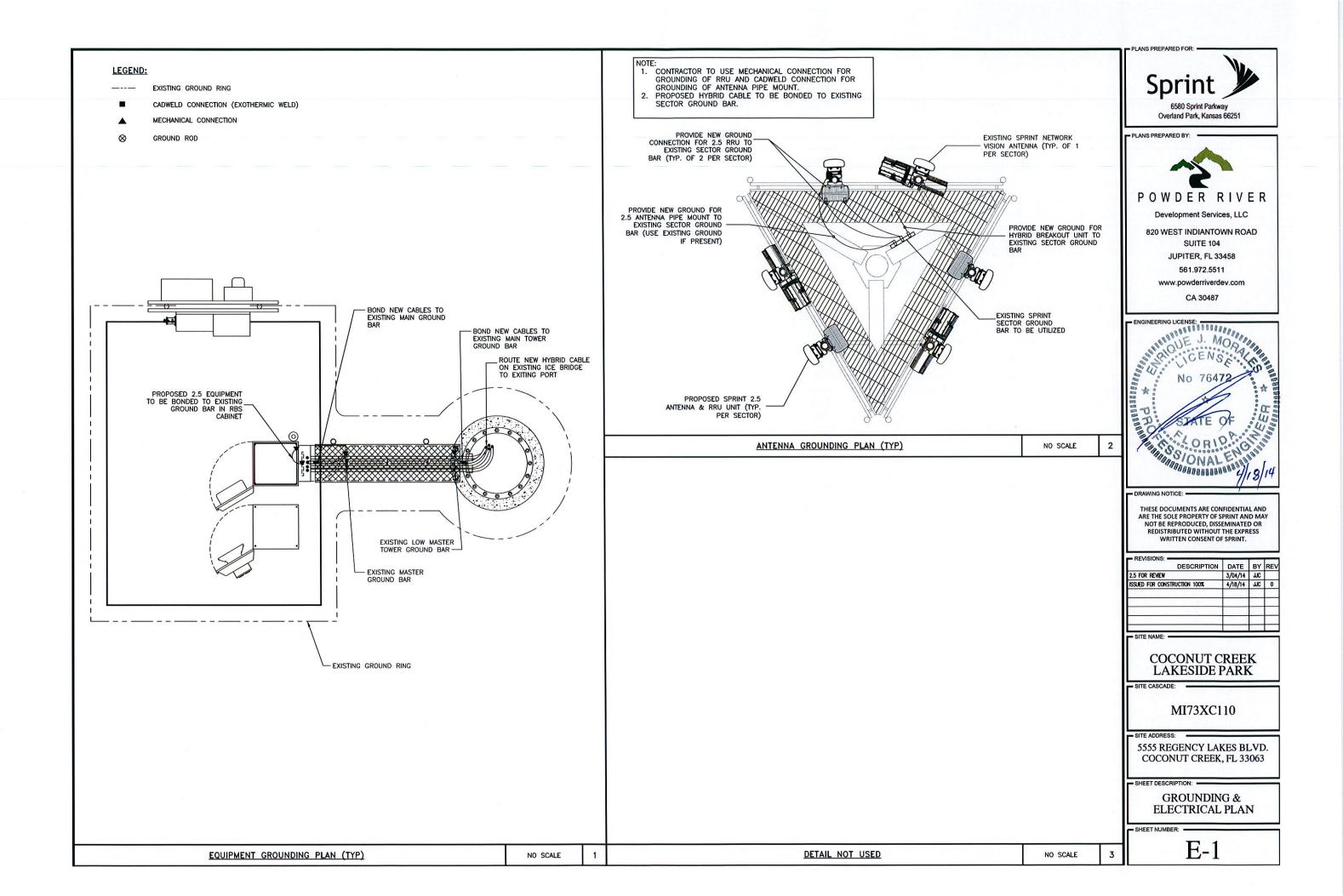
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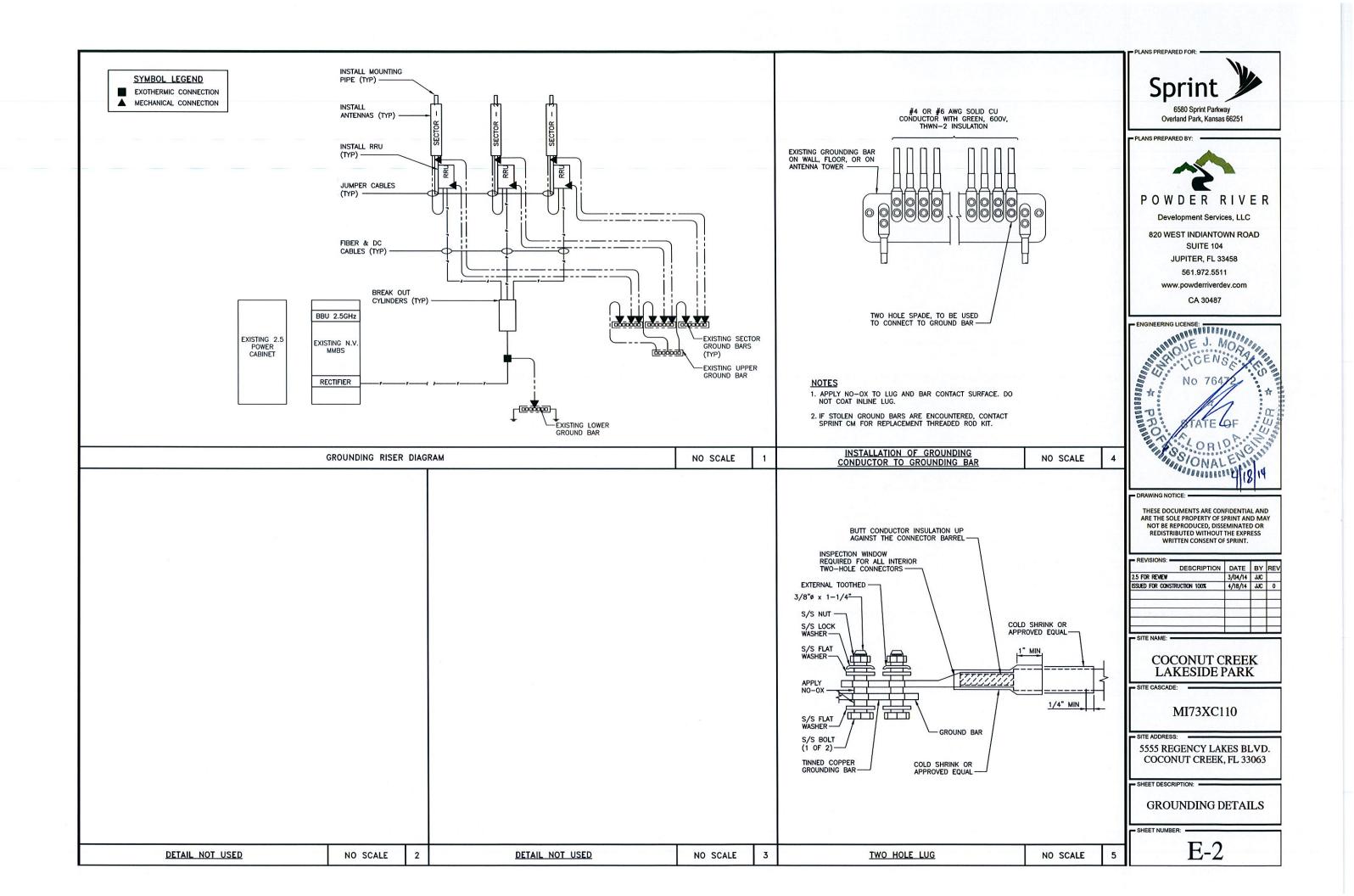
EQUIPMENT DETAILS

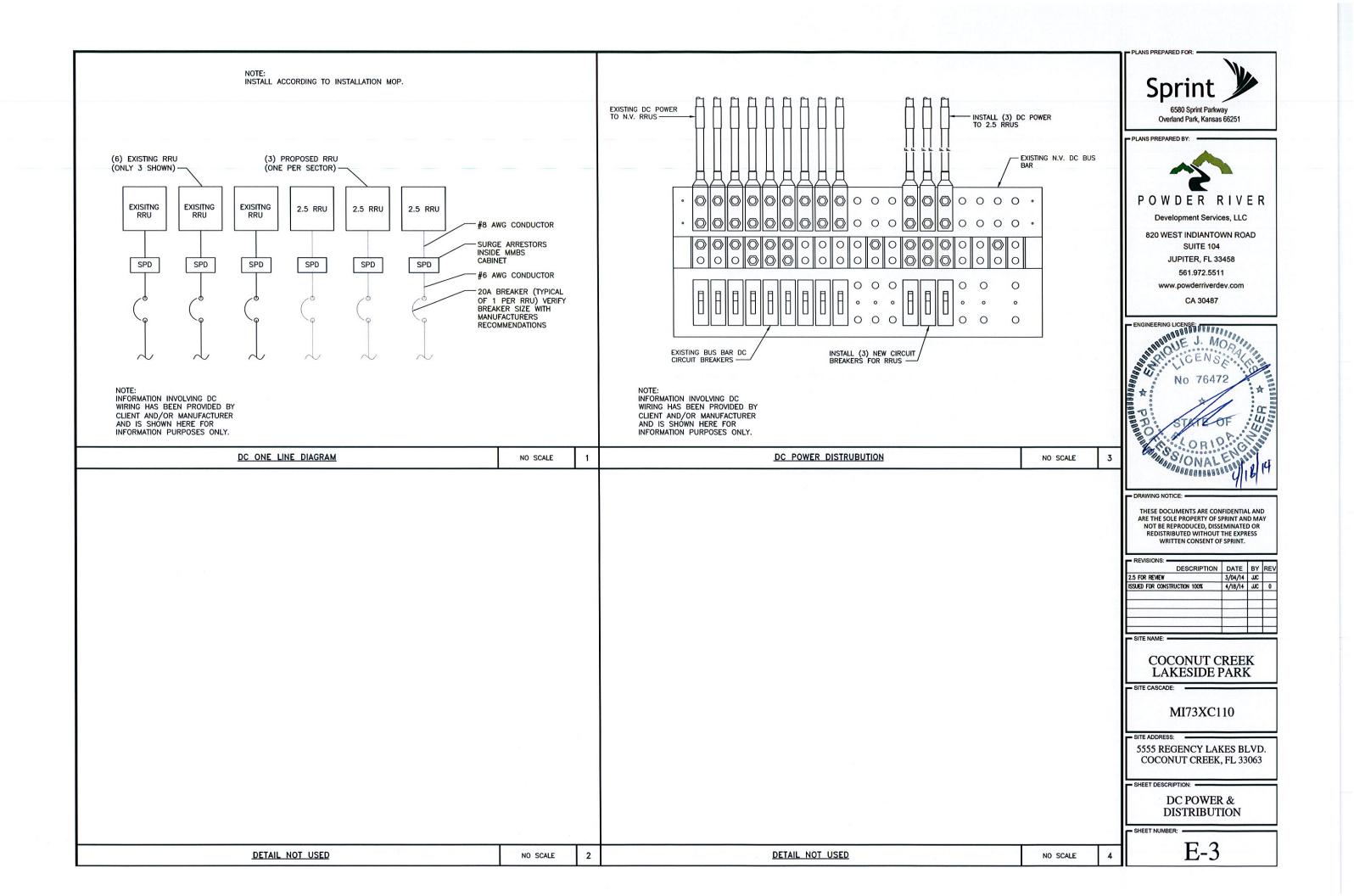
SHEET NUMBER: -

NO SCALE

6/C #6 + 2/C #18





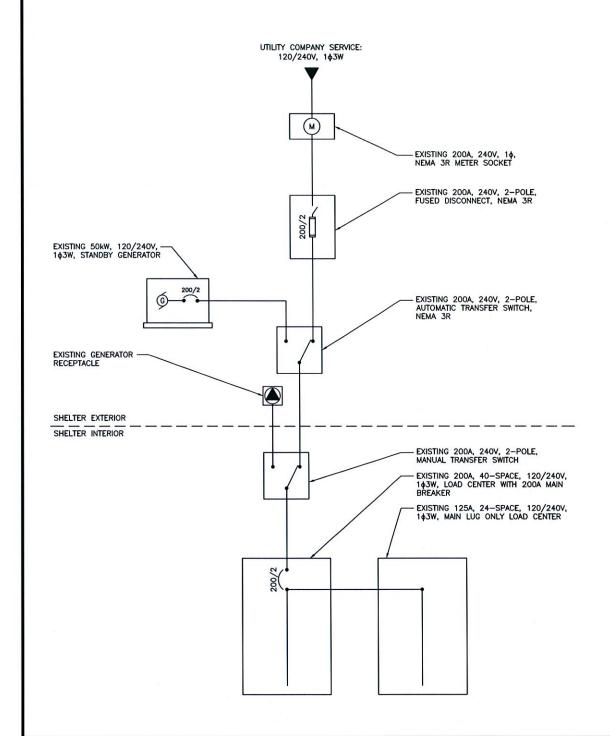




CG SHALL REFERENCE ALL SPECS FOR "CONNECTING THE POWER SUPPLY"
OF THE NEW INSTALLATION DOCUMENTS, FOR ALL CONNECTION SPECIFICATIONS.

NOTES

- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING ITEMS SHOWN ON THE ELECTRICAL ONE—LINE DIAGRAM AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - ALL NEW CONDUCTOR WIRE TO BE INSTALLED SHALL BE COPPER. ALL WIRE LARGER THAN #10 SHALL BE THWN-2, THW-2, RHW-2, OR XHHW-2 WIRE UNLESS NOTEO OTHERWISE.



MAIN: 200 AMP MAIN CIRCUIT BREAKE	R				AIC RATING:				
OLTAGE/PHASE: 120/240V, 1-PHASE, 3-WIRE				CONTRACTOR OF	PANEL AMPACITY: 200 AMPS				
DESCRIPTION OF C OF CIR			LOA	LOAD (VA) CIR OIR			DECODIDATION		
DESCRIPTION	C/B	NC	NO.	A-PHASE	B-PHASE	NO.	C/B	DESCRIPTION	
	30 /	С	1	1800			15		
		NC	44	150		2	1	LIGHT	
HVAC #1		С	3		1800		15		
	/ 2				-	4	1	SPARE	
	30 /	NC	5	1800			20	DEOEDTA 01 E0 #4	
10/40 #0	/	NC		180		6	1	RECEPTACLES #1	
HVAC #2		NC	7		1800		20	RECEPTACLES #2	
	/ 2	NC			180	8	1	RECEPTACLES #2	
		NC	9	-			20	GFCI RECEPTACLE	
SURGE ARRESTOR	/	NC		180		10	/ 1	GFOI RECEPTAGE	
SONGE ANNEOTON	/	NC	11				20	SPARE	
	/ 2					12	/ 1	OF ARE	
POWER FAIL ALARM	/	NC	13	20			15	TIMER/FAN	
	- /	NC		100		14	1	THE TYPY	
	/	NC	15		20		15	SMOKE DETECTOR	
	/ 2	NC			25	16	1		
	30 /	С	17	1440			30		
RECTIFIER #1		С		1440	Linds-	18		RECTIFIER #2	
		C	19		1440				
	/ 2	C			1440	20	2		
	30 /	С	21	1440			60		
RECTIFIER #3		С		1440		22		RECTIFIER #4	
	/	С	23	-	1440	-	/ .		
	2	С			1440	24	2		
	30		25	-	-	-	30		
SPARE			07			26	//	SPARE	
	/ .		27	-	-		/ .		
	20 /	-	20	1000	-	28	2		
SPARE	30	-	29		+	30	30		
		-	31		 _	30	//	SPARE	
	/ 2		+	1		32	/ 2		
	30 /	+	33			-	30		
FUTURE USE	1	С	1	1440		34	1 /		
KHOLER GEN BATTERY CHARGER	20 /	NC	35		900		1/	CDMA BTS 1	
	1	С			1440	36	2		
HVAC #3	30 /	NC	37	1800			30		
		С		1440		38	1 /		
		NC	39		1800		1/	CDMA BTS 2	
	/ 2	С			1440	40	2		
MATERIA DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR	BASE	LOAD	(VA) =	14670	15165				
25% OF CONTINUOUS LOAD (VA) =			2610	2610			N IDENTIFIES CONTINUOUS LOADS		
TOTAL LOAD (VA) =				17280	17775	AND MOTOR LOADS AS REQUIRED BY SECTIONS 230.4 AND 430.24 OF THE NEC			
		-	(A) =		149	1			



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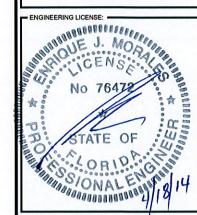


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ISSUED FOR CONSTRU	CTION 100%	4/18/14	mc	0
			7	-
		200	331	
Balance Company		E. L.Y.	100	

SITE NAME: -

COCONUT CREEK LAKESIDE PARK

SITE CASCADE: -

MI73XC110

SITE ADDRESS:

5555 REGENCY LAKES BLVD. COCONUT CREEK, FL 33063

- SHEET DESCRIPTION: -

A/C POWER DISTRIBUTION

- SHEET NUMBER:

E-4