



PROPOSED SPRINT HYBRID CABLE (SEE NOTES) (APPROX. LENGTH 150'±)

EXISTING SPRINT UTILITY H-FRAME

POSSIBLE LOCATION OF FUTURE SPRINT EQUIPMENT CABINET

EXISTING SPRINT EQUIPMENT CABINET (TYP. OF 2)

EXISTING 8' HIGH CHAIN-LINK FENCE

EXISTING METROPCS LP FUEL TANK

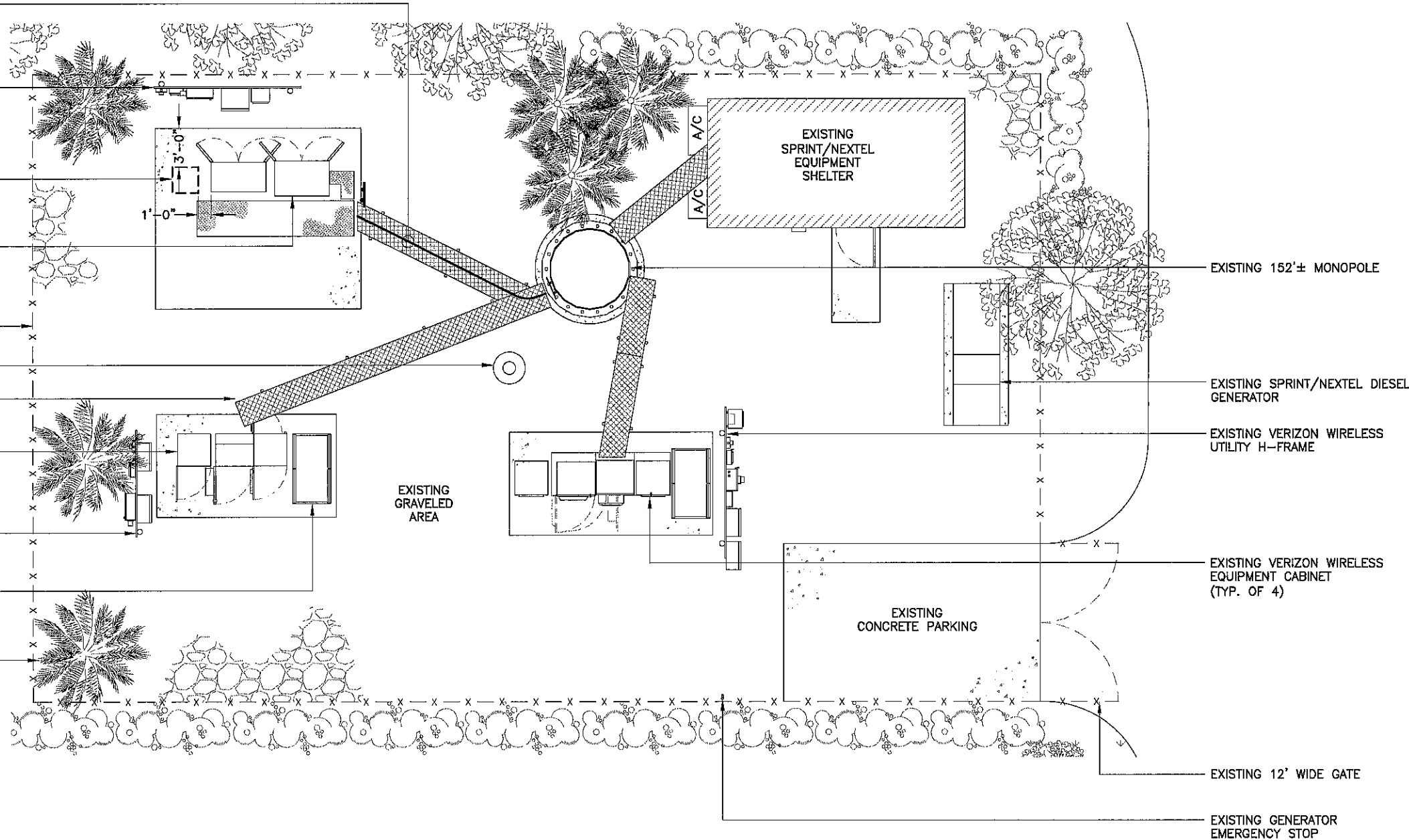
EXISTING COAX BRIDGE (TYP.)

EXISTING METROPCS EQUIPMENT CABINET (TYP. OF 3)

EXISTING METROPCS UTILITY H-FRAME

EXISTING METROPCS LP GENERATOR

EXISTING LANDSCAPING (TYP.)



REV	DATE	DESCRIPTION
A	2/24/14	PRELIMINARY
0	2/26/14	FOR PERMIT

PROJECT NO.: 130-750.01
 DRAWN BY: H. CAMACHO
 CHECKED BY: M. ABBEY

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

Sprint
 6301 SPRINT PARKWAY
 OVERLAND PARK, KS 66251
 (913) 315-8081

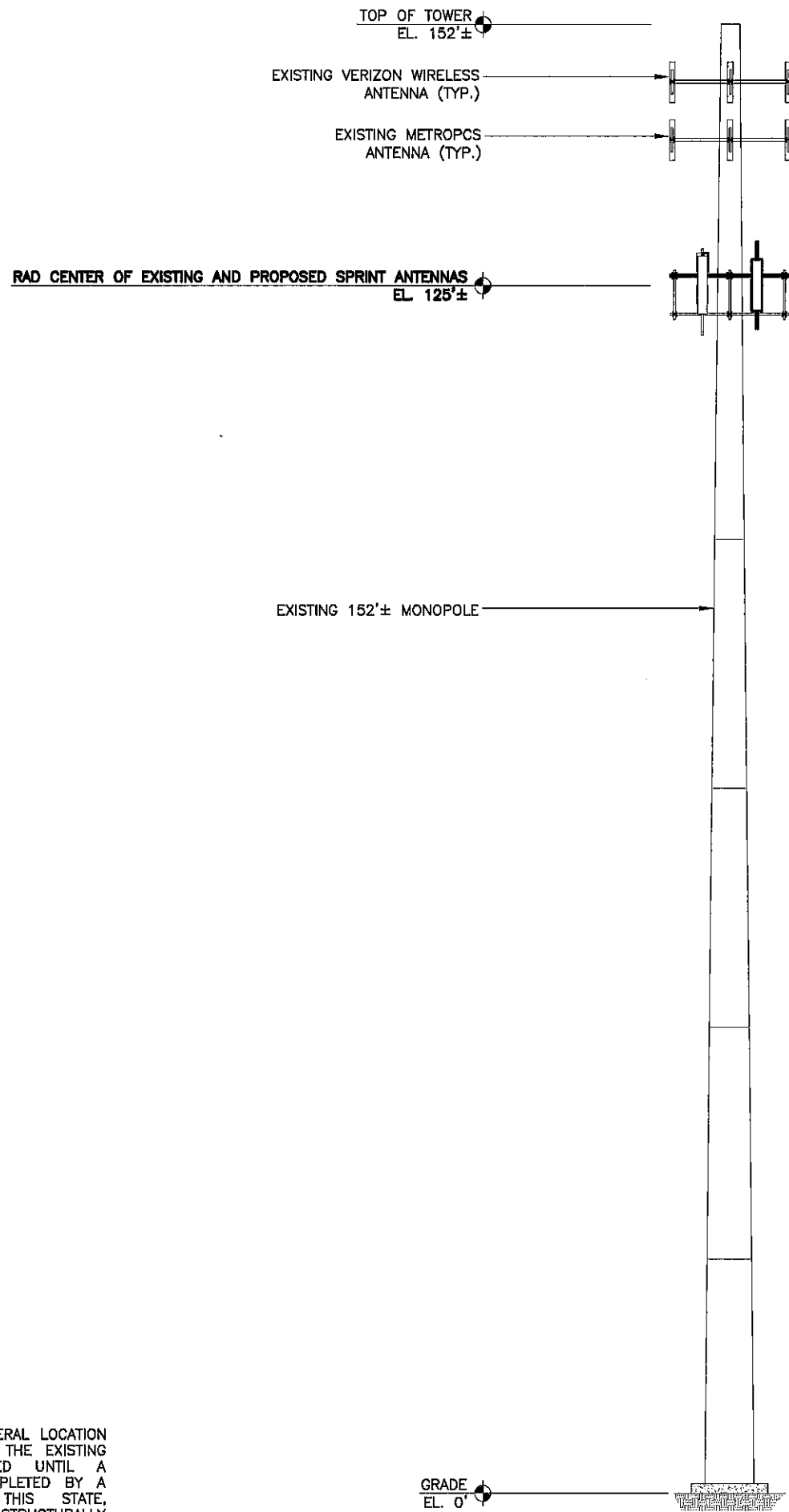
MICHAEL A. PHILLIPS
 LICENSE
 No. 68312
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 DATE OF SIGNATURE: 2/26/14

MI13XC137-C
 SPECTRASITE
 COPPOLA
 6933 NW 39th AVENUE
 COCONUT CREEK, FL 33073
 SHEET NAME
 COMPOUND PLAN
 SHEET NUMBER
 C1

- NOTES:**
- CONTRACTOR SHALL PROTECT NEW HYBRID CABLES, UP TO 2" FROM CABINET/TOWER ENTRY PORT.
 - CONTRACTOR SHALL PROVIDE CABLE SUPPORT EVERY 4 FEET

COMPOUND PLAN





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.

ELEVATION



REV	DATE	DESCRIPTION
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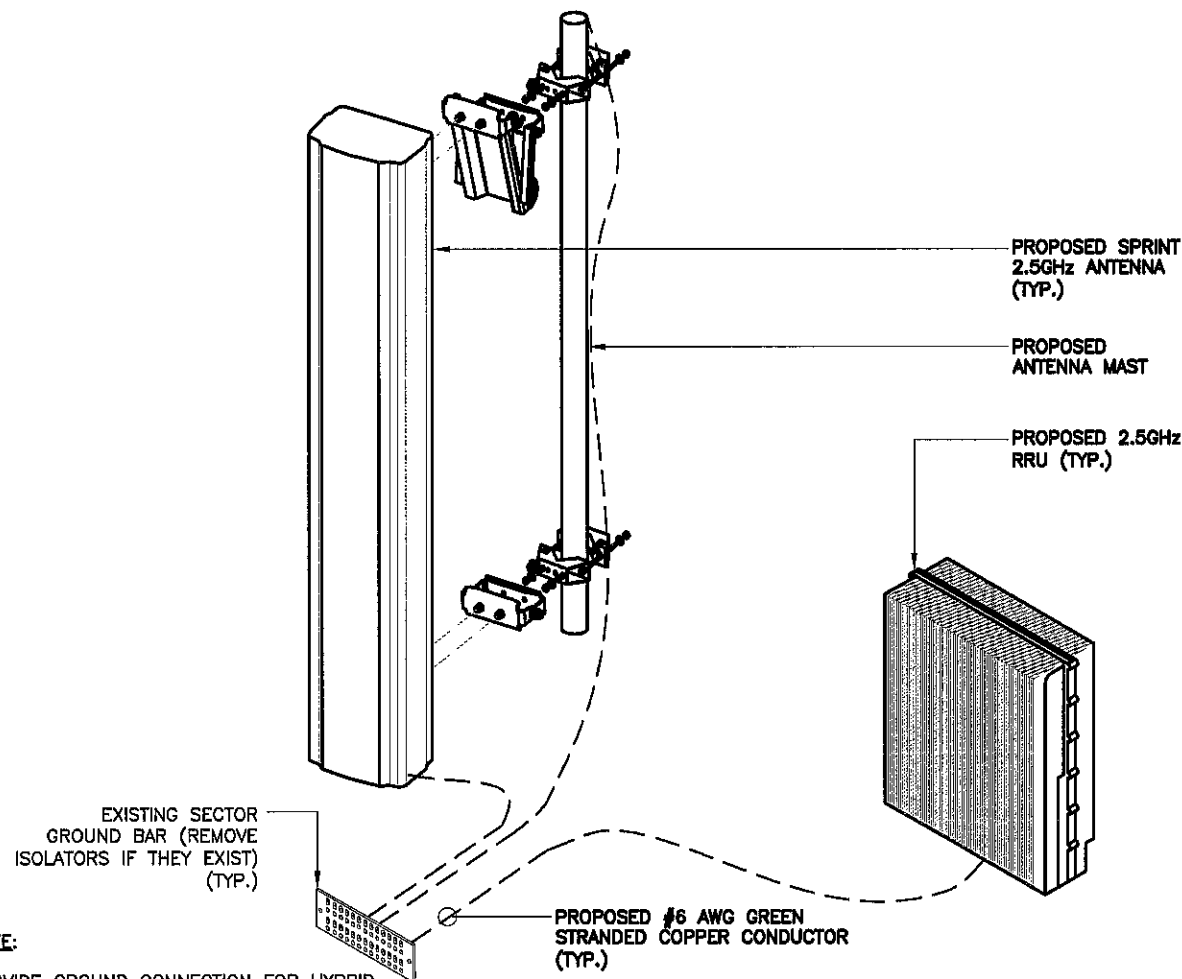
6391 SPRINT PARKWAY
 OVERLAND PARK, KS 66251
 (913) 315-8081

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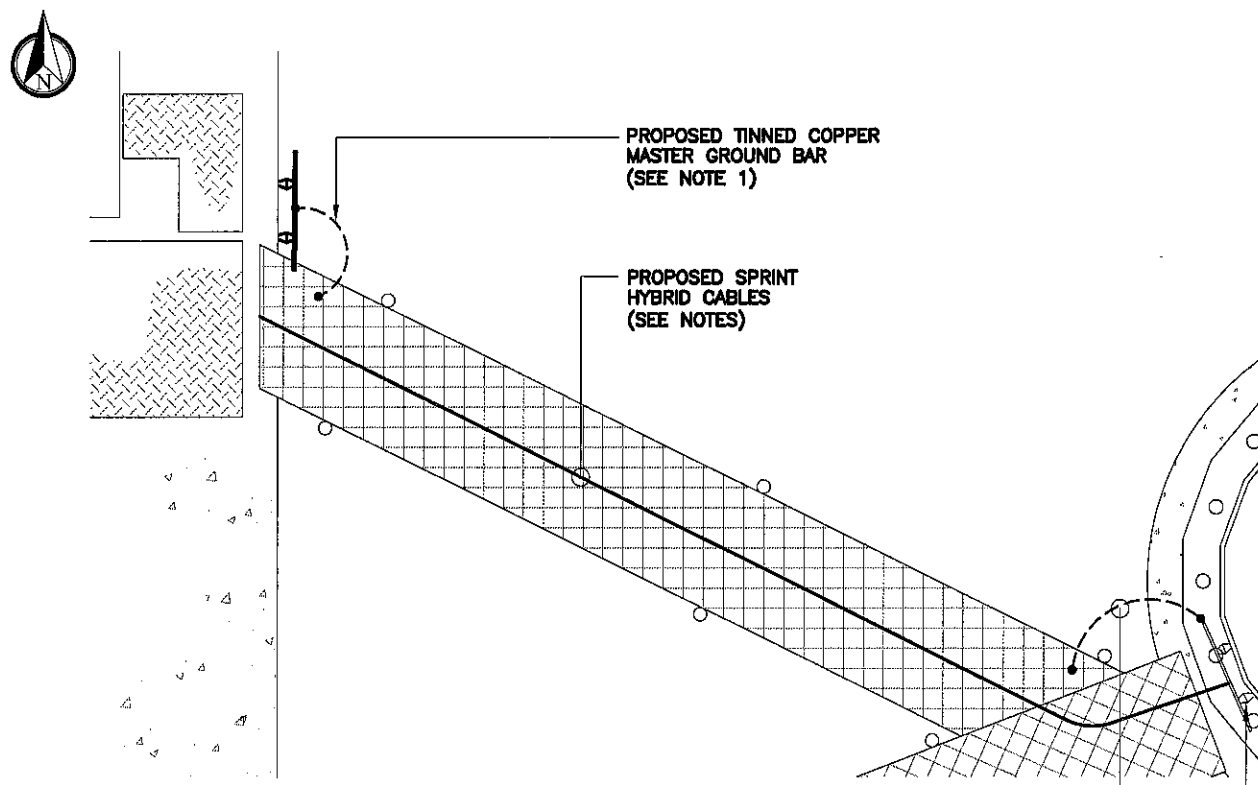
SHEET NAME
 ELEVATION

SHEET NUMBER
 C2



NOTE:
PROVIDE GROUND CONNECTION FOR HYBRID CABLES TO TOWER BOTTOM GROUND BAR (TBGB) AND MASTER GROUND BAR (MGB).

GROUNDING DIAGRAM (TYP.)



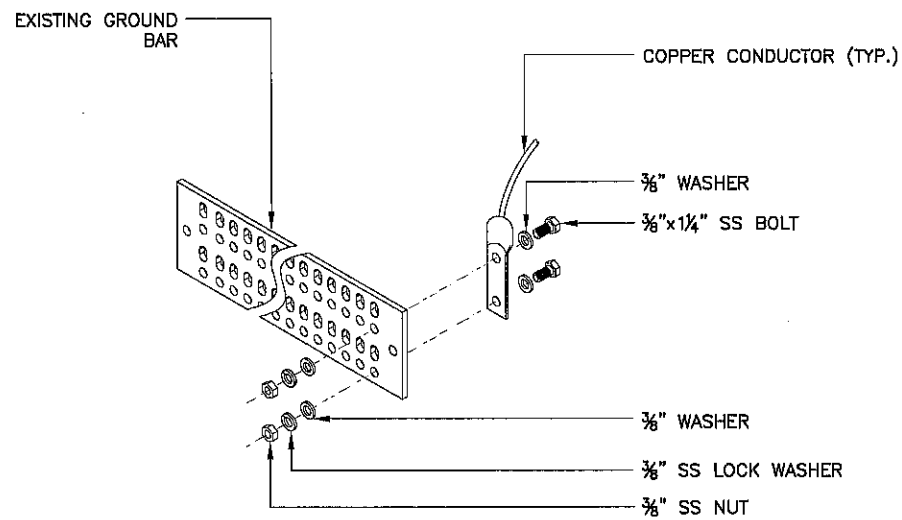
NOTES:

1. PROVIDE GROUND CONNECTION FOR HYBRID CABLES TO TOWER BOTTOM GROUND BAR (TBGB) AND MASTER GROUND BAR (MGB).
2. DEPICTION OF GROUND KIT ROUTING IS DIAGRAMMATIC, CONTRACTOR SHALL ENSURE THAT ALL INSTALLED GROUNDING DOES NOT CREATE A "REVERSE GROUNDING" CONDITION.

EXISTING TOWER GROUND BAR (TBGB) (REMOVE ISOLATORS IF THEY EXIST) (SEE NOTE 1)

1 GROUNDING PLAN

NTS 2



TYPICAL GROUND BAR CONNECTION DETAIL

NTS 3

GROUNDING NOTES

4

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.

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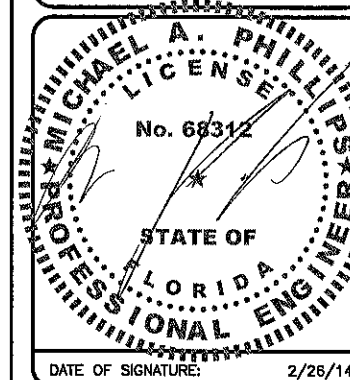
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SHEET NAME
GROUNDING
DETAILS AND NOTES

SHEET NUMBER

E1