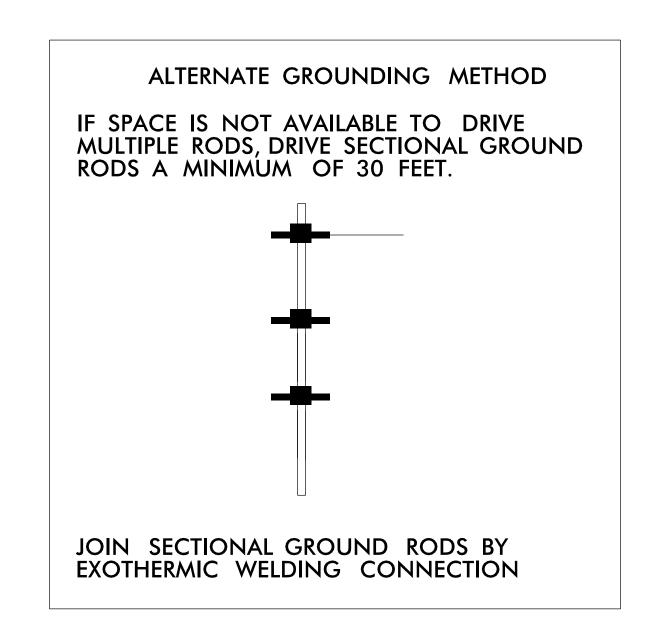


INSET `A' SCP-04 U-4751 #4 AWG SOLID BARE COPPER WIRE TO GROUND RODS A, B, AND C CLASS II COPPER CONDUCTOR TO AIR TERMINAL **#4 AWG SOLID BARE COPPER** WIRE TO CAMERA SUPPORT BASE #4 AWG SOLID BARE COPPER -WIRE TO EXTERNAL DISCONNECT GROUND BUS

PROJECT REFERENCE NO.

SHEET NO.



NOTES

- BOND CLASS II, 28 STRAND (MINIMUM), 15 AWG (MINIMUM) ROPE-LAY BARE COPPER CONDUCTOR TO THE MAIN GROUND ROD BY AN EXOTHERMIC WELD METHOD. MAINTAIN MAXIMUM HORIZONTAL SEPARATION BETWEEN COPPER CONDUCTOR AND RISER.
- 2. EXOTHERMICALLY WELD ALL CONNECTIONS TO GROUND RODS.
- 3. THE CONTRACTOR MAY, UPON APPROVAL OF THE ENGINEER, INSTALL A 30' SECTIONAL GROUND ROD FOR INSTANCES WHEN CONDITIONS WILL NOT ALLOW FOR THE INSTALLATION OF THE 3 – RADIAL GROUND RODS.
- 4. INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 12".
- 5. REMOVE BONDING JUMPER BETWEEN EQUIPMENT CABINET GROUND BUS AND NEUTRAL BUS.





Poles O/H Elec. Service, O/H

Comms. / U/G Comms.

|Division 3 New Hanover County Wilmington| PLAN DATE: May 2017 REVIEWED BY: HA Badgett 750 Greenfield Parkway, Garner, NC 27529 PREPARED BY: JA Wiles REVIEWED BY: BJ Slocum

Henry alfred Badgett III 6/6/2017

NONE

REVISIONS INIT. DATE

CADD Filename: SCP 04.dgn