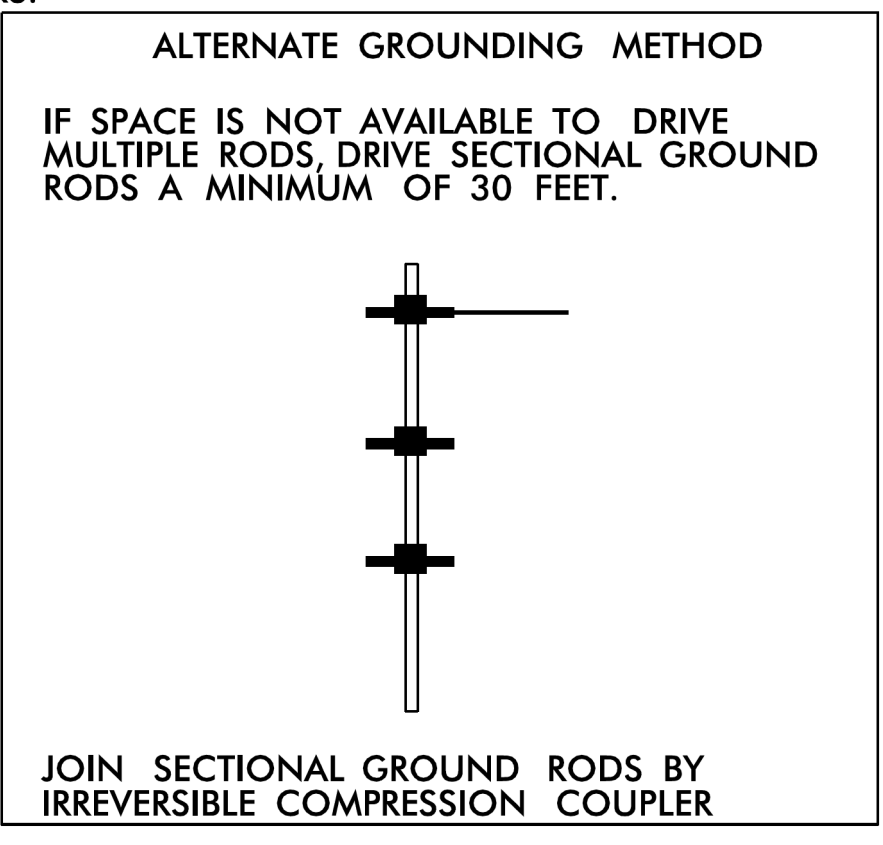


BOND #4 AWG SOLID BARE COPPER WIRE TO CAMERA SUPPORT BASE BY AN ALUMINUM TO COPPER #2 - #14 AWG LUG. ATTACH TO CAMERA BASE WITH A STAINLESS STEEL SELF TAPPING SCREW. REMOVE PAINT OR PROTECTIVE COATING WHERE ATTACHING LUG ONLY.

INSTALL 2-INCH PVC U-GUARD OVER COPPER CONDUCTOR FROM GROUND LEVEL TO 10 FEET (MINIMUM) ABOVE THE GROUND.



- NOTES**
- BOND CLASS II, 28 STRAND (MINIMUM), 15 AWG (MINIMUM) ROPE-LAY BARE COPPER CONDUCTOR TO THE MAIN GROUND ROD BY AN IRREVERSIBLE MECHANICAL CRIMP. MAINTAIN MAXIMUM HORIZONTAL SEPARATION BETWEEN COPPER CONDUCTOR AND RISER.
 - ALL CONNECTIONS TO GROUND RODS SHOULD BE MADE WITH AN IRREVERSIBLE MECHANICAL CRIMP METHOD.
 - THE CONTRACTOR MAY, UPON APPROVAL OF THE ENGINEER, INSTALL A 30-FOOT SECTIONAL GROUND ROD FOR INSTANCES WHEN CONDITIONS WILL NOT ALLOW FOR THE INSTALLATION OF THE 3 - RADIAL GROUND RODS.
 - INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 12 INCHES.
 - REMOVE BONDING JUMPER BETWEEN EQUIPMENT CABINET GROUND BUSS AND NEUTRAL BUSS.

Prepared in the Offices of:

COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS

TYPICAL DETAIL

PLAN DATE: JANUARY 2008 REVIEWED BY:

PREPARED BY: IN AVERY REVIEWED BY:

2008 STANDARD SPECIFICATIONS UPDATE TO IRREVERSIBLE MECHANICAL CRIMP A15.115 10297

SCALE: NONE

SIGNATURE: _____ DATE: _____

CADD FILE NAME: _____

M M

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Prepared for the Offices of:

STATE OF NORTH CAROLINA

250 N. Greenfield Place, Garner, NC 27529

SCALE: NONE

COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS

Division 08 Guilford Co. Greensboro

PLAN DATE: January 2023 REVIEWED BY: RW Thompson

PREPARED BY: IN Avery REVIEWED BY:

REVISIONS

SIGNATURE: _____ DATE: _____

SEAL

RUSSELL W. THOMPSON

PROFESSIONAL ENGINEER

SEAL 032711

SIGNATURE: _____ DATE: _____