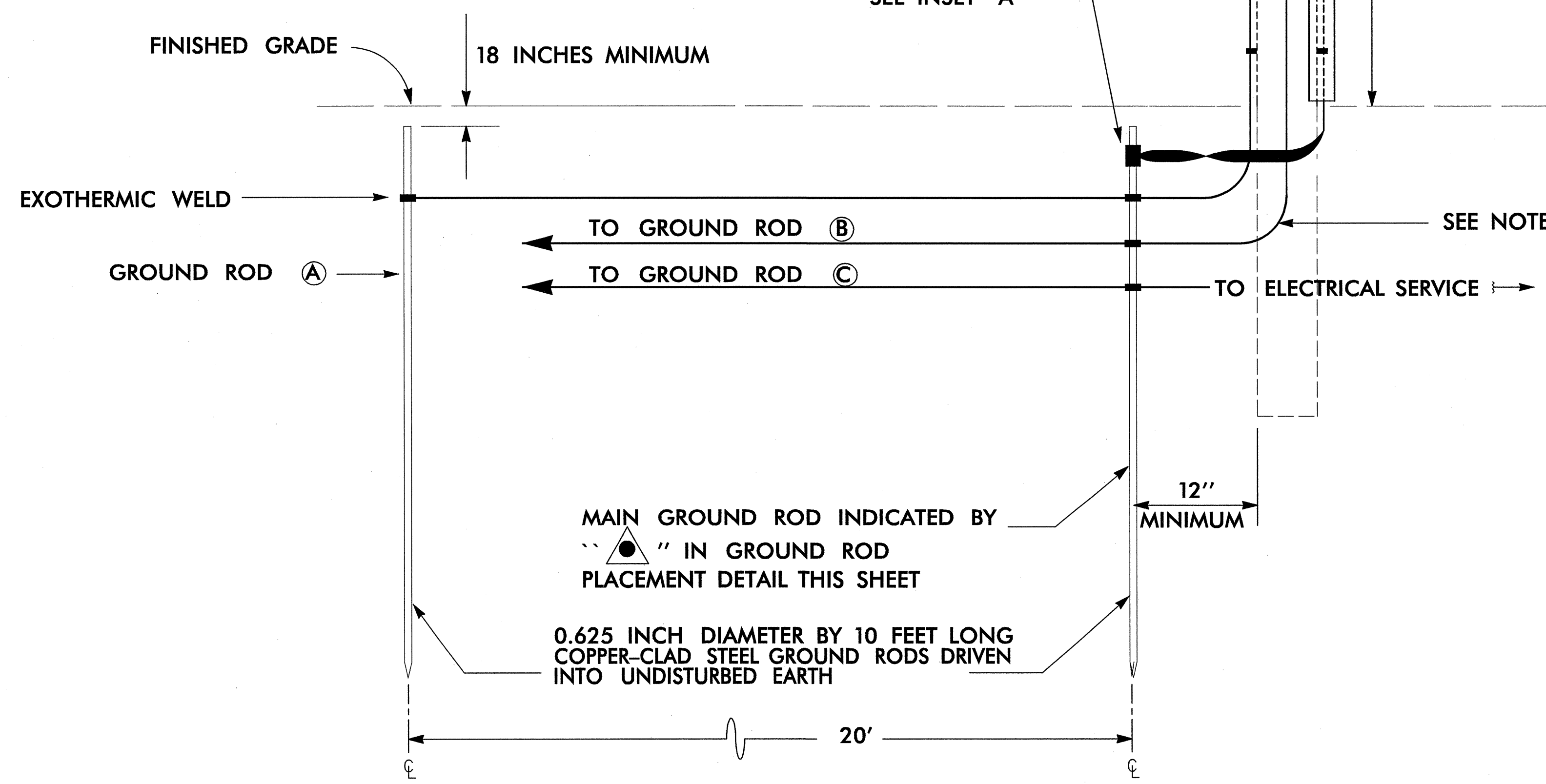
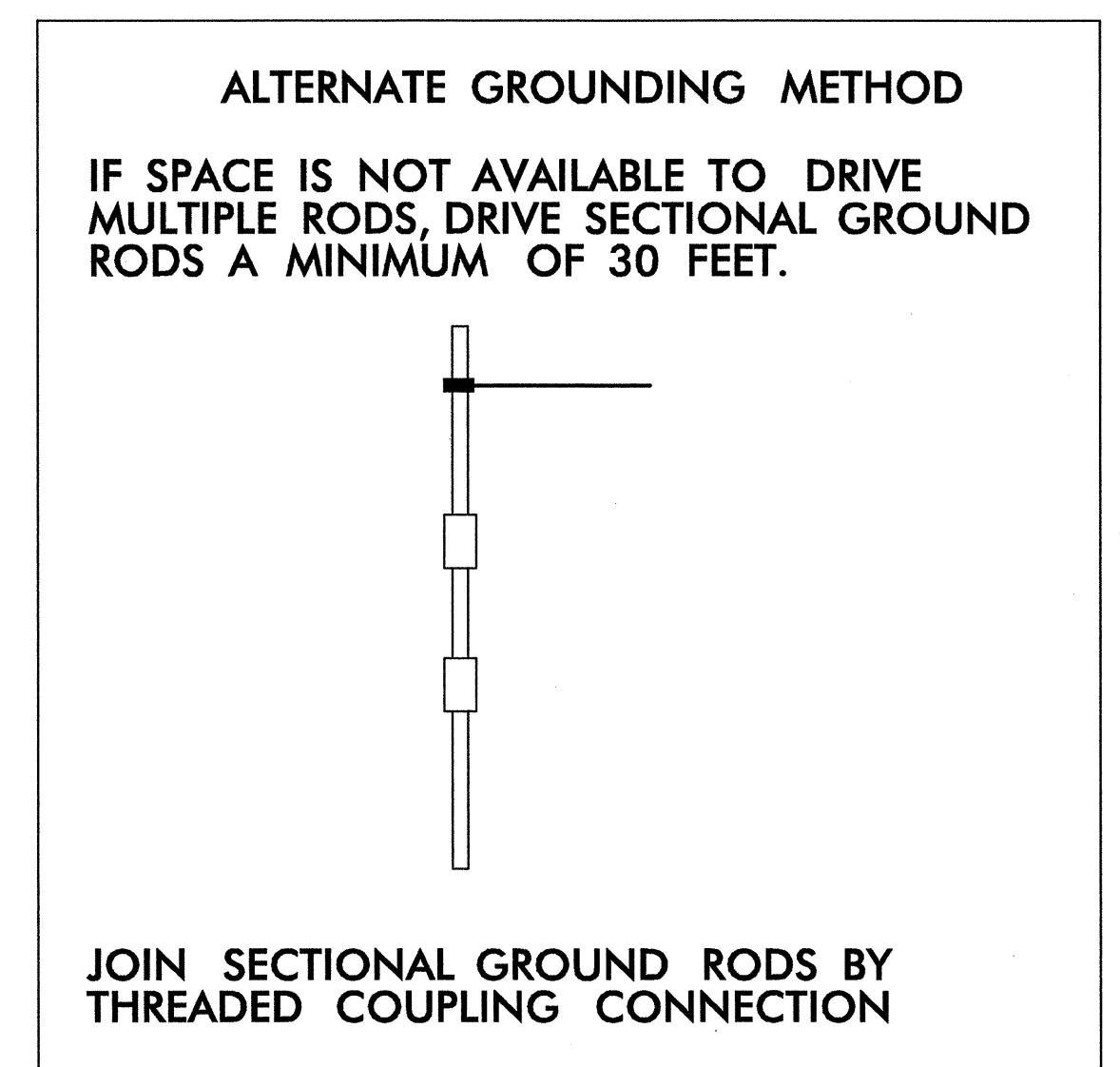
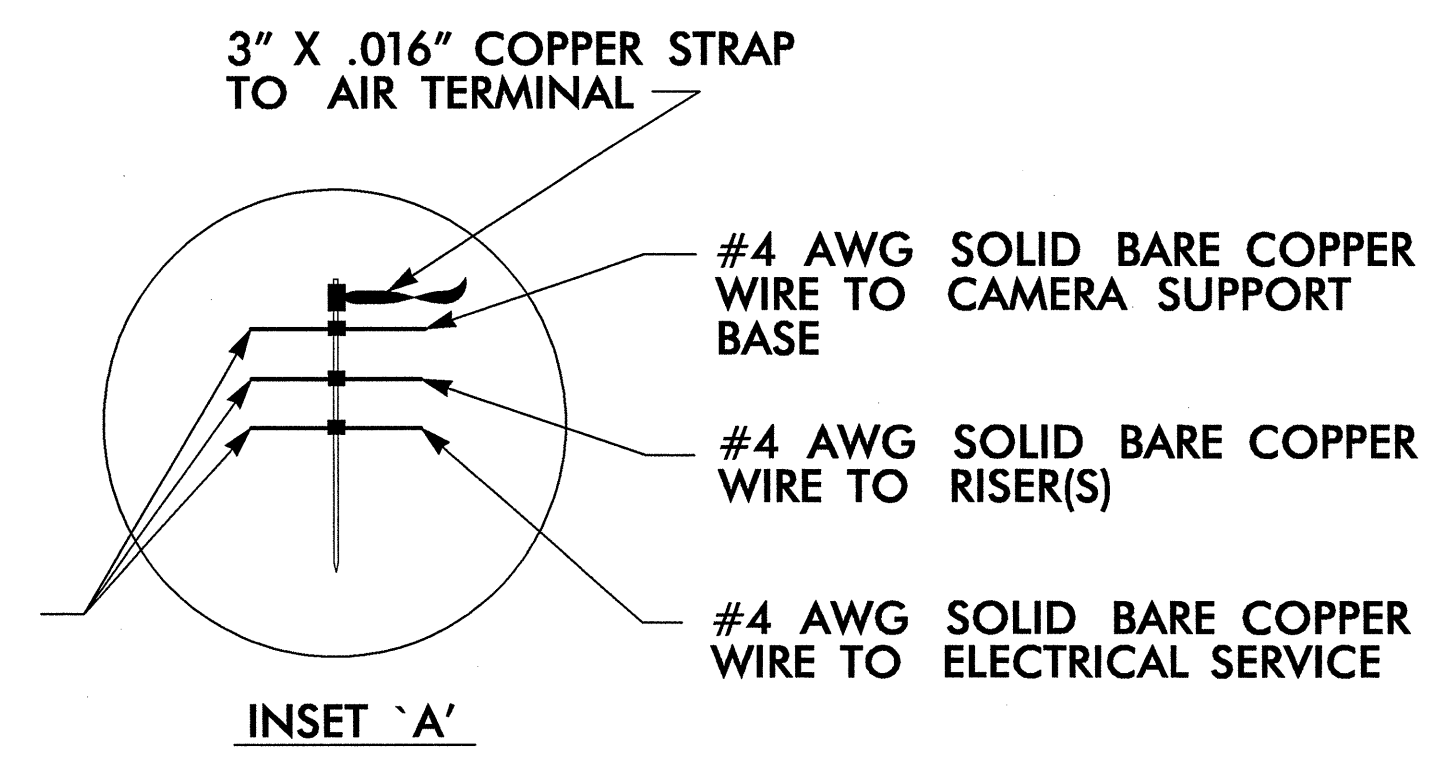
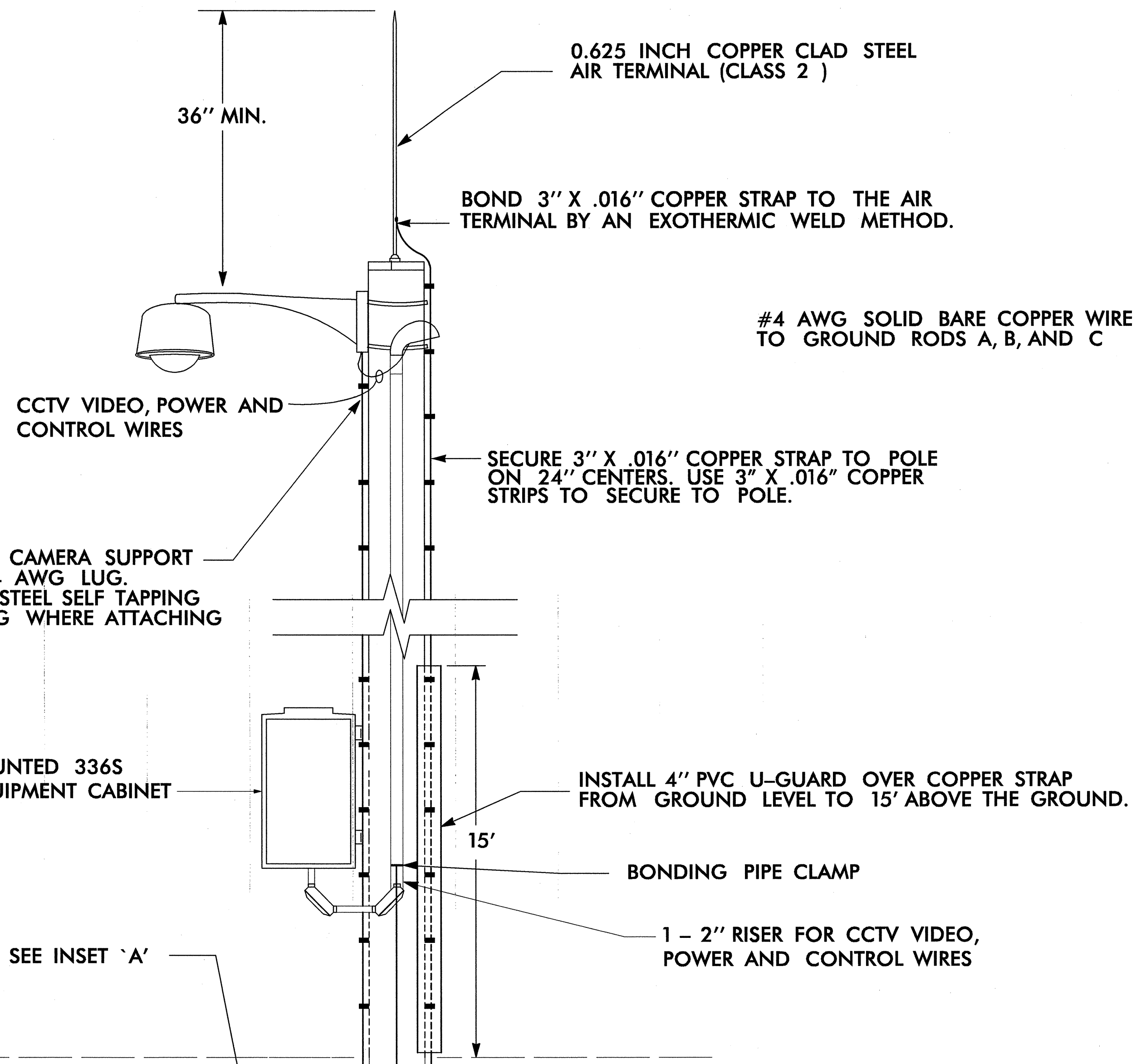


BOND #4 AWG SOLID BARE COPPER WIRE TO CAMERA SUPPORT BASE BY AN ALUMINUM TO COPPER #2 - #14 AWG LUG. ATTACH TO CAMERA BASE WITH A STAINLESS STEEL SELF TAPPING SCREW. REMOVE PAINT OR PROTECTIVE COATING WHERE ATTACHING LUG ONLY.



MAIN GROUND ROD INDICATED BY "●" IN GROUND ROD PLACEMENT DETAIL THIS SHEET

NOTES

1. BOND 3" X .016" COPPER STRAP TO THE MAIN GROUND ROD BY AN EXOTHERMIC WELD METHOD. MAINTAIN HORIZONTAL SEPARATION OF 8" TO 12" BETWEEN #4 AWG SOLID BARE COPPER WIRE. MAINTAIN MAXIMUM HORIZONTAL SEPARATION BETWEEN COPPER STRAP AND RISER.
2. EXOTHERMICALLY WELD ALL CONNECTIONS TO GROUND RODS.
3. BOND #4 AWG SOLID BARE COPPER WIRE TO THE RISER(S).
4. 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 - AUXILIARY GROUND RODS.
5. INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 12".
6. BRAIDED COPPER WIRE MAY BE USED IN LIEU OF COPPER STRAP IF SUBMITTED FOR APPROVAL.

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PLANS PREPARED IN THE OFFICE OF:
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| | CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE GROUNDING REQUIREMENTS FOR WOOD CCTV CAMERA POLES TYPICAL DETAIL | |
| | DIVISION 12 PLAN DATE: MAY 26, 2005 PREPARED BY: J.C. CROSS | GASTON COUNTY REVIEWED BY: I.Z. VANOSDELL REVIEWED BY: M.W. DUNZO |
| SCALE: 0 | REVISIONS: | SIGNATURE: <i>[Signature]</i> DATE: 6/22/05 |