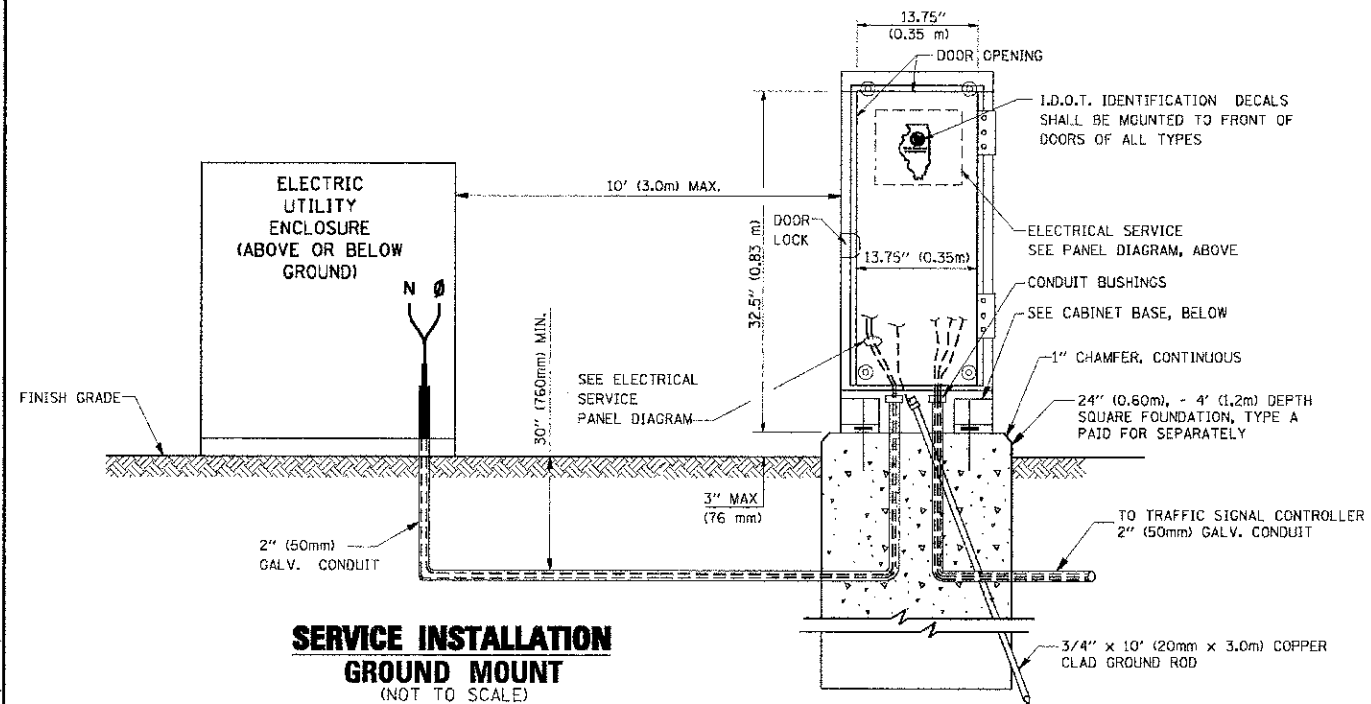
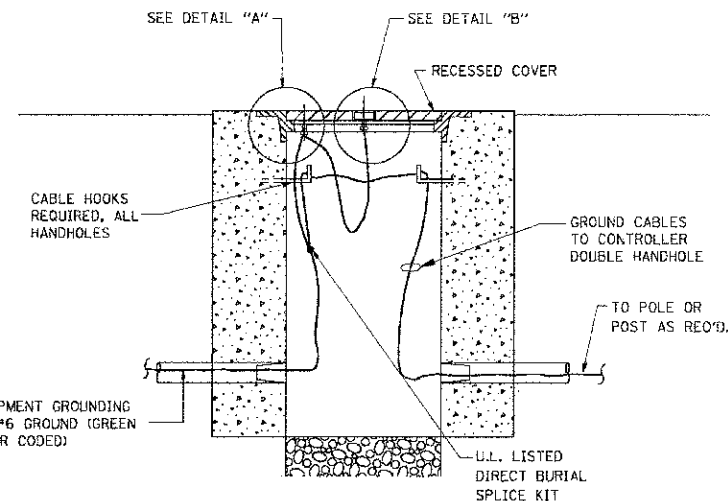
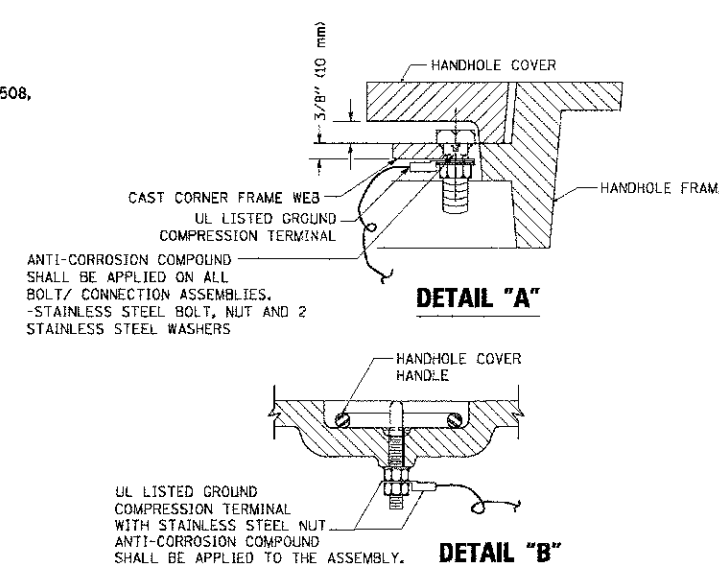
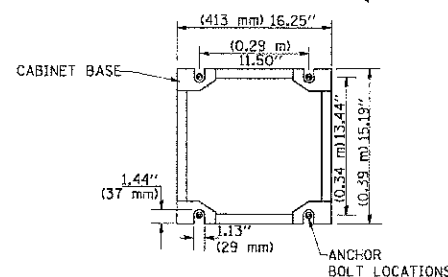


**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)

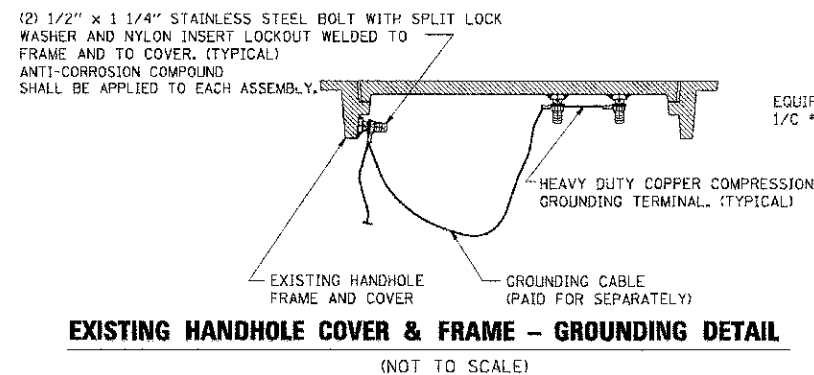


**SERVICE INSTALLATION GROUND MOUNT**  
 (NOT TO SCALE)

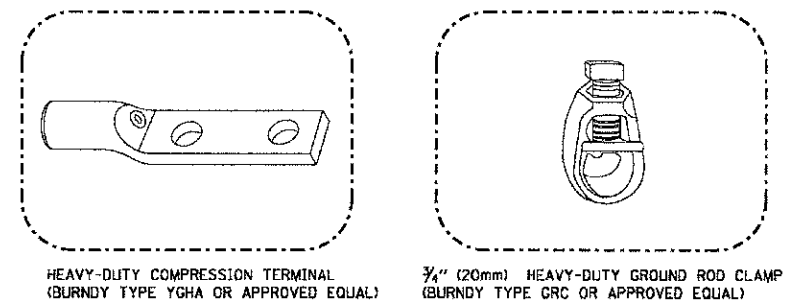
**CABINET - BASE BOLT PATTERN**  
 (NOT TO SCALE)



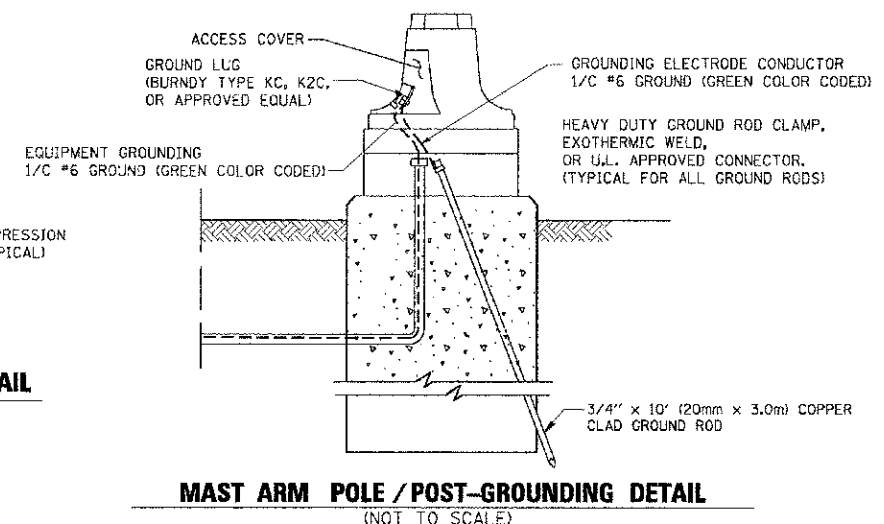
**HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
 (NOT TO SCALE)



**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
 (NOT TO SCALE)



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  - 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  - 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  - 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



**MAST ARM POLE / POST-GROUNDING DETAIL**  
 (NOT TO SCALE)

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 Sugar Grove, Illinois 60054  
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USER NAME = bauerdl  
 PLOT SCALE = 1/8\"/>

DESIGNED - DAD  
 DRAWN - BCK  
 CHECKED - DAD  
 DATE - 10-28-09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**  
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

PROJECT NO. M-9003(619) JOB NO. C-91-486-10  
 SCALE: NONE SHEET NO. 3 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 577 SECTION 10-00068-00-TL COUNTY WILL TOTAL SHEETS 65 SHEET NO. 43  
 TS-05 CONTRACT NO. 63788  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT