

(2) 1/2"  $\times$  1 1/4" STAINLESS STEEL BOLT WITH SPLIT LOCK WASHER AND NYLON INSERT LOCKOUT WELDED TO  $\overline{\phantom{MMMM}}$ FRAME AND TO COVER. (TYPICAL)

HEAVY DUTY COPPER COMPRESSION GROUNDING TERMINAL. (TYPICAL) -EXISTING HANDHOLE FRAME AND COVER (PAID FOR SEPARATELY)

**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL** 

(NOT TO SCALE) DESIGNED BLG DRAWN BLG REVISED 450 E. Devon Ave. Suite 300 - Itasca, Illinois 60143 CIVILTECH Tel: 630.773.3900 - Fax: 630.773.3975 www.civiltechinc.com CHECKED RTM REVISED 8/13/2009 REVISED

2" (50mm)

GALV. CONDUIT

**SERVICE INSTALLATION** 

**GROUND MOUNT** 



-3/4" × 10' (20mm × 3.0m) COPPER CLAD GROUND ROD

(413 mm) 16.25"

- 1.13" (29 mm)

-ANCHOR

**CABINET – BASE BOLT PATTERN** 

BOLT LOCATIONS

CABINET BASE

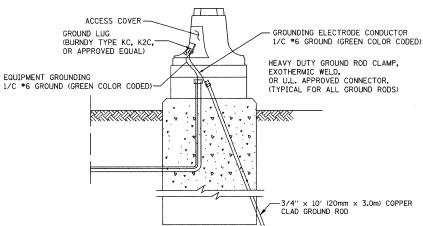
**CITY OF NAPERVILLE** 

**DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS SHEET 3 OF 4** 

SCALE: NOT TO SCALE

SECTION 338 07-00136-00-SW WILL & DUPAGE 88 34 CONTRACT NO. 63224 FED. ROAD DIST. NO. 1 ILLINOIS

• 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.



MAST RM POLE / POST-GROUNDING DETAIL