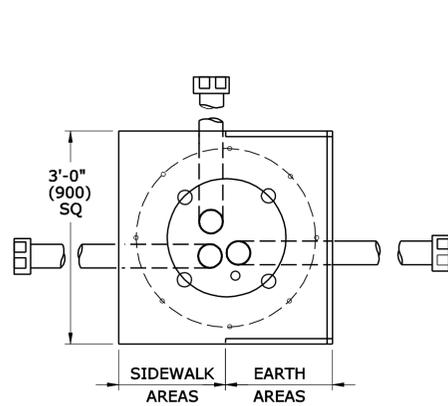
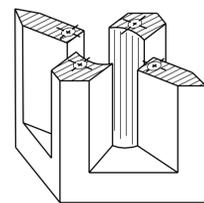


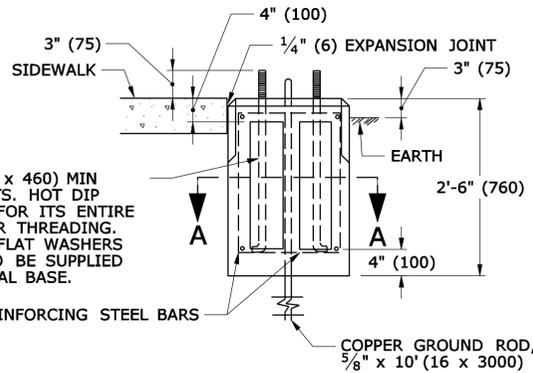
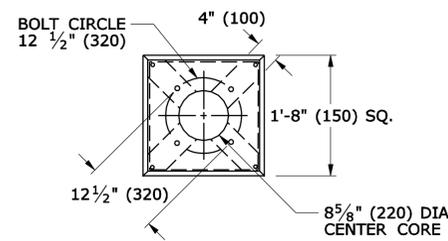
**STEEL POLE
INSTALLATION DETAIL**



PLAN VIEW



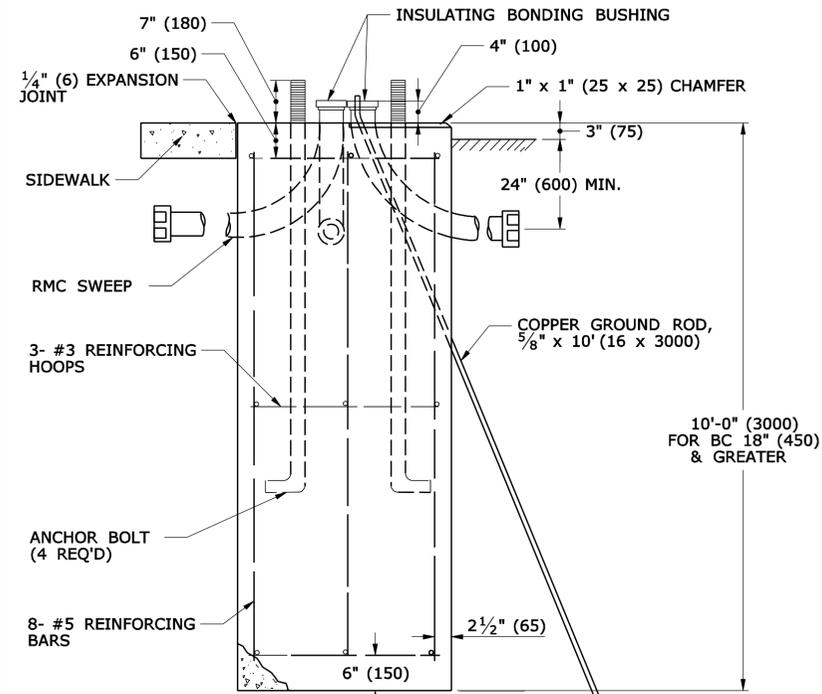
**PICTORIAL
SECTION A-A**



**TRAFFIC CONTROL FOUNDATION
PEDESTAL - TYPI - PRECAST**

NOTES:

1. PLACE NO. 6 CRUSHED STONE IN CENTER OPENING AFTER CONDUITS AND GROUND ROD HAVE BEEN INSTALLED.

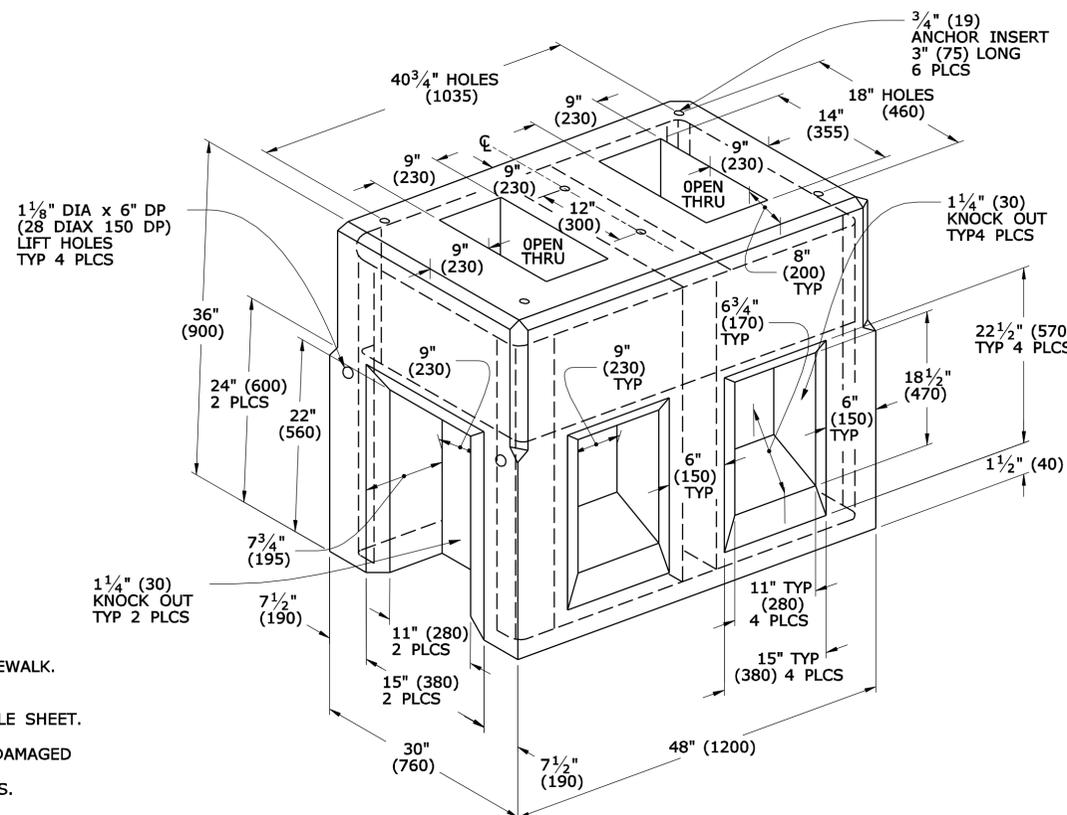


ELEVATION VIEW

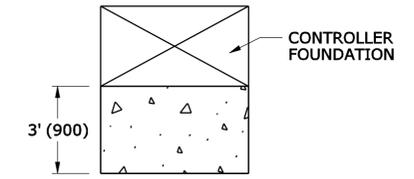
**TRAFFIC CONTROL FOUNDATION
SPAN POLE**

NOTES:

1. INSTALL A MINIMUM OF TWO RMC SWEEPS IN ALL FOUNDATIONS.
2. INSTALL A MINIMUM OF ONE SPARE 2\"/>
- 3. EXTEND SPARE SWEEP MINIMUM 24\"/>
- 4. FORM EXPOSED EDGES WITH 1\"/>
- 5. MATCH TOP OF SPAN POLE AND PEDESTAL FOUNDATION WITH CROSS SLOPE OF ADJACENT SIDEWALK.
- 6. FINISH EXPOSED AREAS WITH WOOD FLOAT AND BRUSH.
- 7. BOND ALL POLES, PEDESTALS AND CONDUITS TO GROUND ROD.
- 8. ORIENT SPAN POLE ANCHOR BOLTS WITH RESPECT TO LOAD AS SHOWN ON TYPICAL SPAN POLE SHEET.
- 9. ANCHOR BOLT LENGTH INCLUDES BEND.
- 10. WHERE AN EXISTING CONCRETE SIDEWALK SLAB ABUTTING A FOUNDATION OR HANDHOLE IS DAMAGED OR CUT DURING INSTALLATION, REPLACE THE ENTIRE SECTION.
- 11. PROVIDE A CLEAR PATH NOT LESS THAN 3' (0.9 m) IN SIDEWALK AREAS FOR HANDICAP ACCESS.
- 12. WHEN REQUESTED BY THE ENGINEER, MEASURE RESISTANCE-TO-GROUND OF GROUND ROD AT TRAFFIC CONTROL FOUNDATIONS. SEE FALL-OF-POTENTIAL METHOD. IF LESS THAN 10 ohms, INSTALL SUPPLEMENTAL ELECTRODES AS REQUIRED. NESC ARTICLE 250.

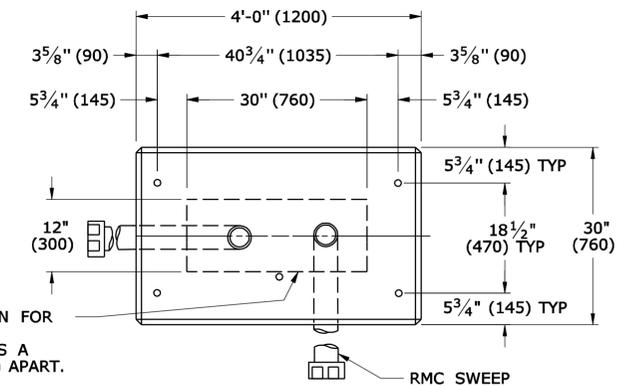


**TRAFFIC CONTROL FOUNDATION
CONTROLLER - TYPE IV - PRECAST**

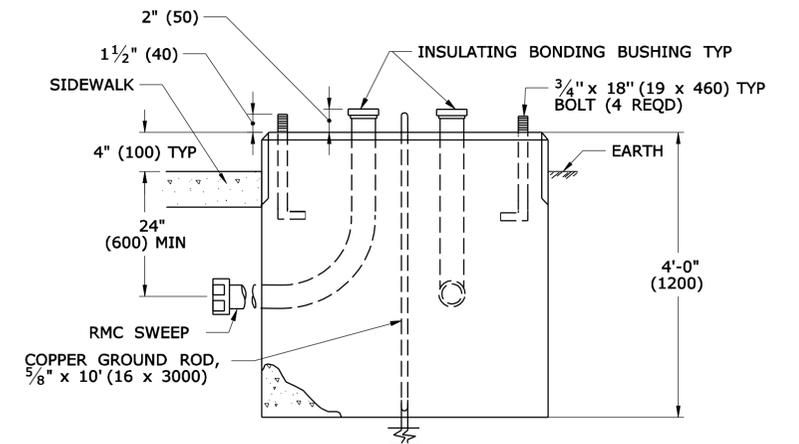


1. INSTALL PRECAST OR CAST IN PLACE CONCRETE SIDEWALK ON CABINET DOOR SIDE OF CONTROLLER FOUNDATION.
2. MINIMUM 3\"/>
- 3. MINIMUM 6\"/>
- 4. PITCH SIDEWALK 1/4\"/>

**TYPICAL CONCRETE SIDEWALK
AT CONTROLLER FOUNDATION**



AREA OF LIMITATION FOR CONDUIT SWEEPS. SEPARATE CONDUITS A MINIMUM OF 2\"/>



**TRAFFIC CONTROL FOUNDATION
CONTROLLER - TYPE IV - CAST IN PLACE**

NOTES:

1. INSTALL FOUNDATION ON 6\"/>
- 2. LEVEL FOUNDATION WITH A PROJECTION OF 4\"/>
- 3. INSTALL COPPER GROUND ROD: 5/8\"/>
- 4. PLACE NO. 6 CRUSHED STONE IN THE CENTER OPENINGS AFTER THE CONDUITS AND GROUND ROD HAVE BEEN INSTALLED. THE OPENINGS SHALL BE CAPPED WITH A 2\"/>
- 5. CONCRETE: CLASS "A" CONFORM TO ARTICLE M.03.01.
- 6. #4 REBAR 2\"/>
- 7. CONDUITS SHALL NOT PROJECT MORE THAN 2\"/>

LEGEND AS SHOWN ON TRAFFIC CONTROL SIGNAL PLAN:	
	PROPOSED CONTROLLER
	EXISTING CONTROLLER
	PROPOSED STEEL SPAN POLE

DIMENSIONS ARE IN ENGLISH (' AND \") AND METRIC UNITS (mm). METRIC CONVERSIONS OVER 1\"/>	
DESIGNER/DRAFTER: D. K. SWINBURNE	CHECKED BY: R. M. WATERMAN
SCALE - NONE	FILENAME: \$FILES\$
REV. DATE	REVISION DESCRIPTION
10 1-08	REVISED FOR 2007 DIGITAL DESIGN ENVIRON. STANDARDS
9 1-07	CLARIFIED GROUND ROD AND OTHER UPDATES
SHEET NO.	Plotted: \$DATE\$

DESIGNER/DRAFTER:
D. K. SWINBURNE

CHECKED BY:
R. M. WATERMAN

SCALE - NONE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING

SUBMITTED BY:
MICHAEL J. GARVIE

APPROVED BY: DATE:
ROBERT S. TWOROWSKI 2-5-07

PROJECT TITLE:

TOWN:	PROJECT NO.
DRAWING TITLE: TYPICAL INSTALLATION DETAILS FOUNDATIONS	DRAWING NO.
5	SHEET NO.