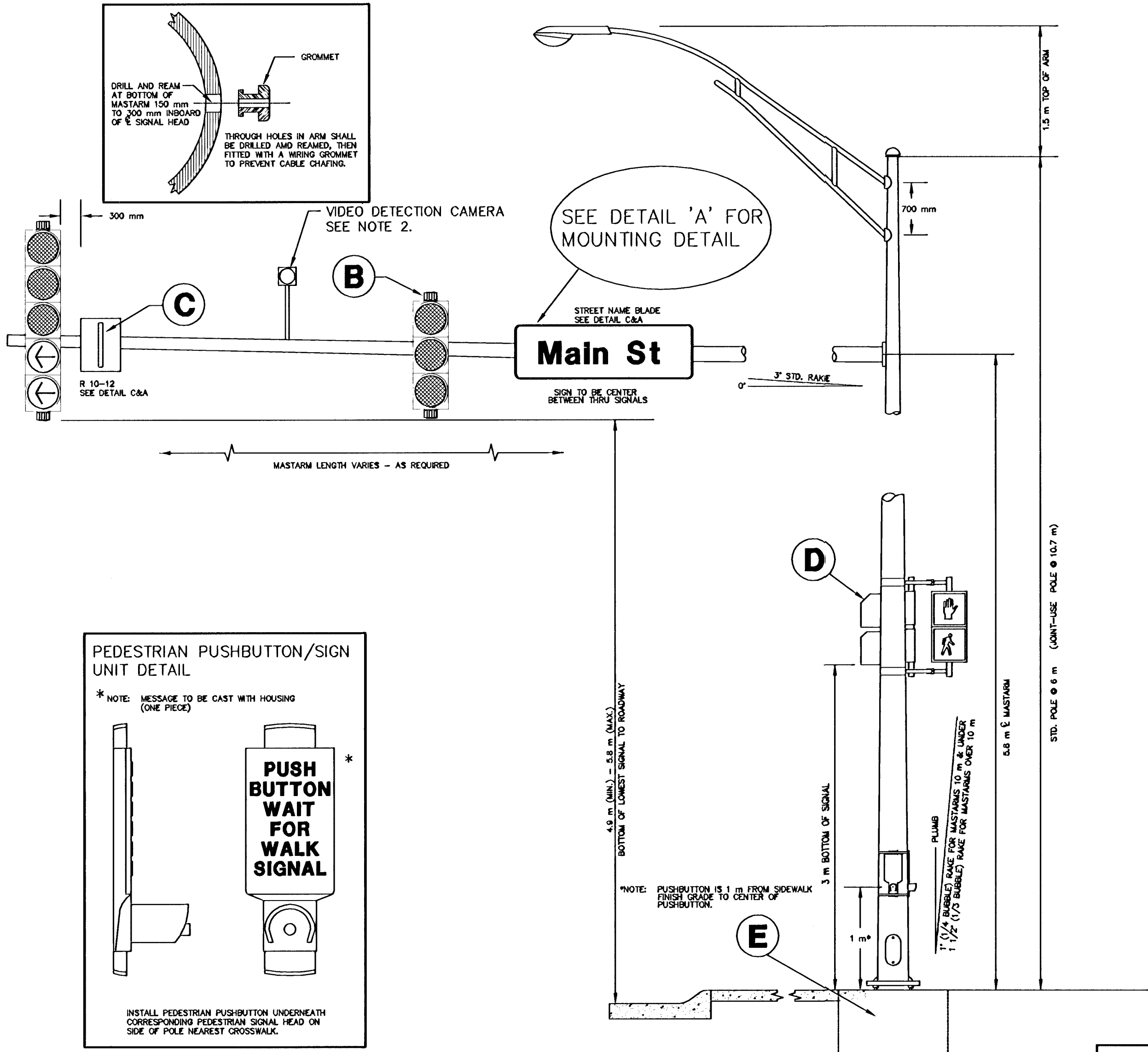


DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



NOTES:

- Special Finish for Traffic Signal Structures: All exterior surfaces are coated with a zinc rich epoxy powder to a minimum dry film thickness of 2.0 mils. The coating is electrostatically applied and partially cured in a gas fired convection oven by heating the steel substrate to a minimum of 121 degrees Celsius.

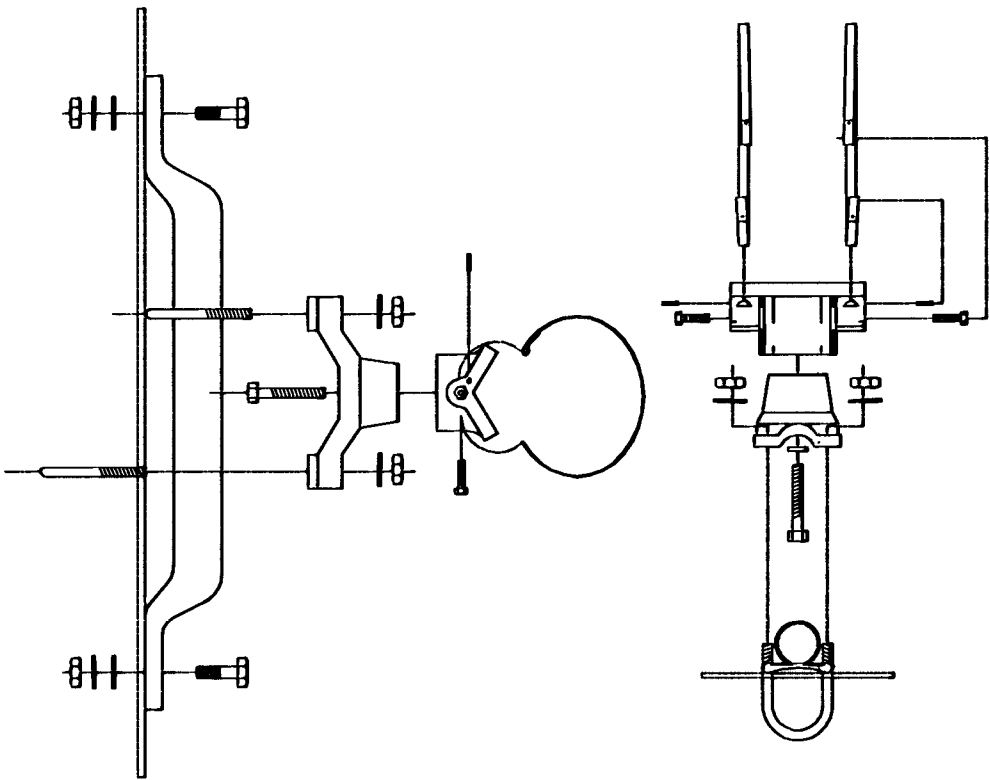
The powder primed surface is coated with an intermediate coat of polyester powder to a minimum film thickness of 2.0 mils. The coating is electrostatically applied and cured by heating the substrate in a convection oven to minimum of 177 degrees and a maximum of 204 degrees Celsius.

The intermediate coat is top coated with one coat of high-build acrylic polyurethane enamel to a minimum dry film thickness of 2.0 mils. The coating is electrostatically applied and cured by heating the substrate in a convection oven to minimum of 107 degrees Celsius. The final top coating shall be black.

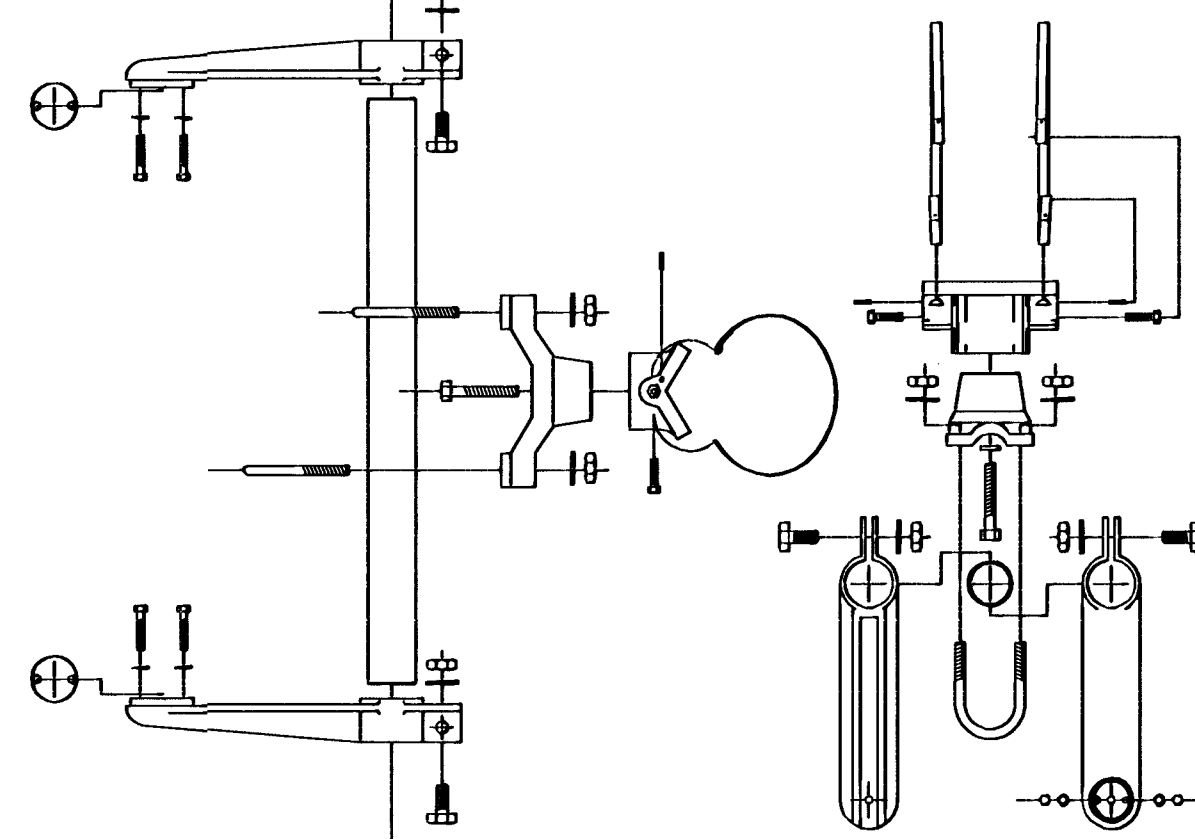
The color of exterior surfaces of all structures, signal heads, brackets, equipment, cabinets, covers, panels, and components shall be matching black, unless otherwise noted.

- Exact Video Detection Camera locations to be at the direction of the Manufacturer's Representative. Video Camera cable terminations, camera fine tuning, system set-up and programming will be performed by the supplier with the assistance of the contractor.

BANDED SIGN MOUNTING BRACKET DETAIL

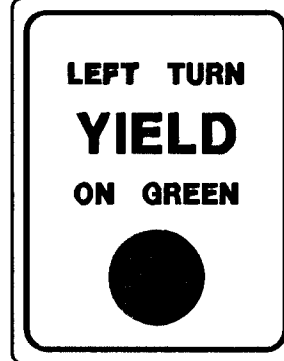


TYPE I SIGNAL MOUNTING BRACKET ASSEMBLY DETAIL



STANDARD SIGNING

R 10-12
600 mm x 750 mm



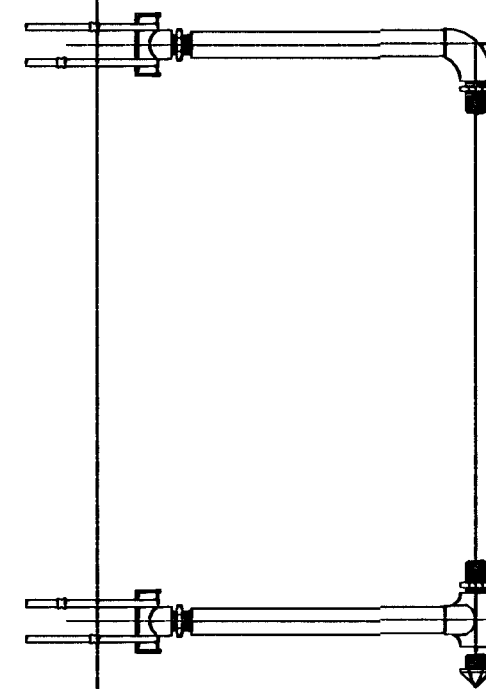
SEE DETAIL "A" FOR MOUNTING HARDWARE

1.5 m x 450 mm

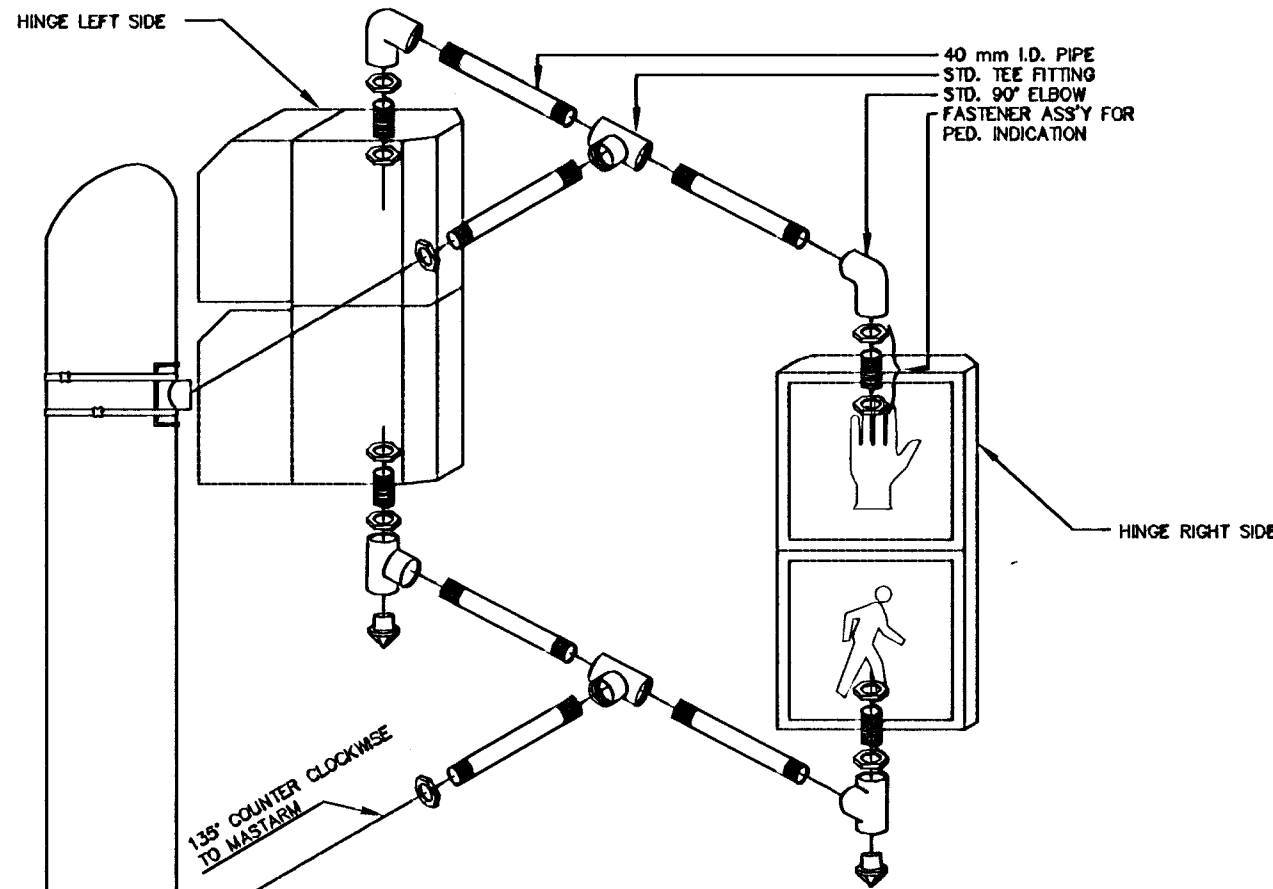
Street Name

SEE DETAIL "A" FOR MOUNTING HARDWARE USE 2 PER SIGN

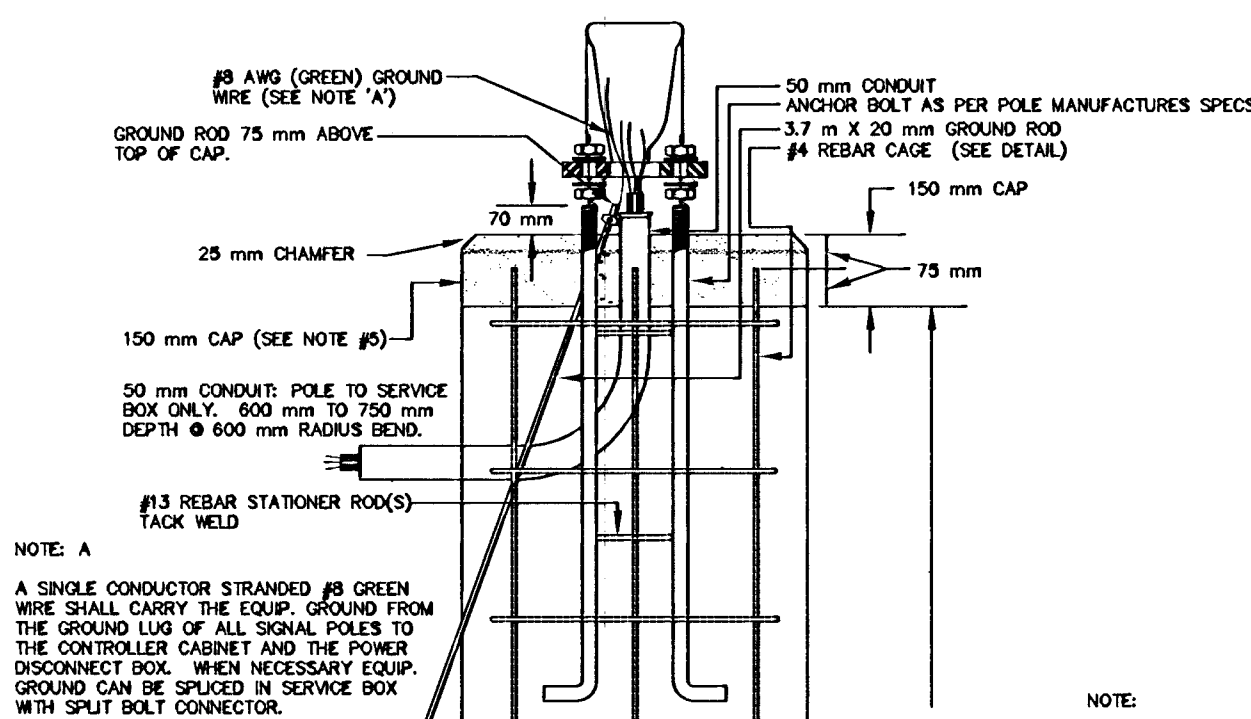
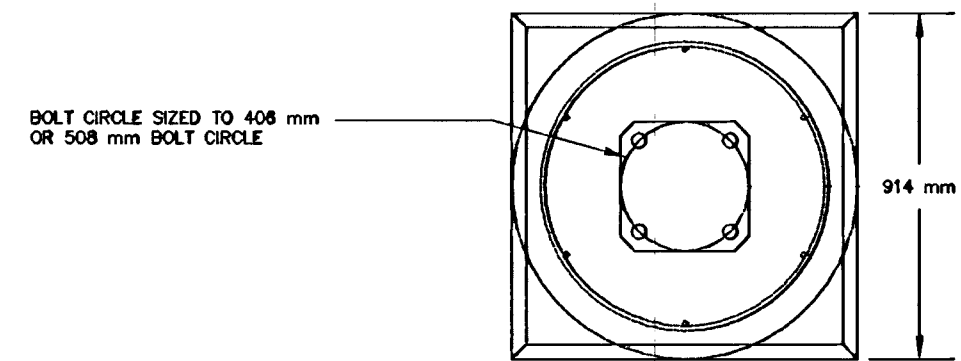
TYPE III SIDE-OF-POLE MOUNTING BRACKET ASSEMBLY



TYPE II SIGNAL MOUNTING BRACKET ASSEMBLY (SIDE-OF-POLE)



- DIRECTIONAL ALIGNMENT OF PED. INDICATIONS & BRACKET(S) SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THROUGH HOLES IN THE POLE SHALL BE DRILLED AND WELL REAMED TO PREVENT CABLE CHAFING.
- HINGE PEDESTRIAN SIGNAL DOORS AWAY FROM POLE.

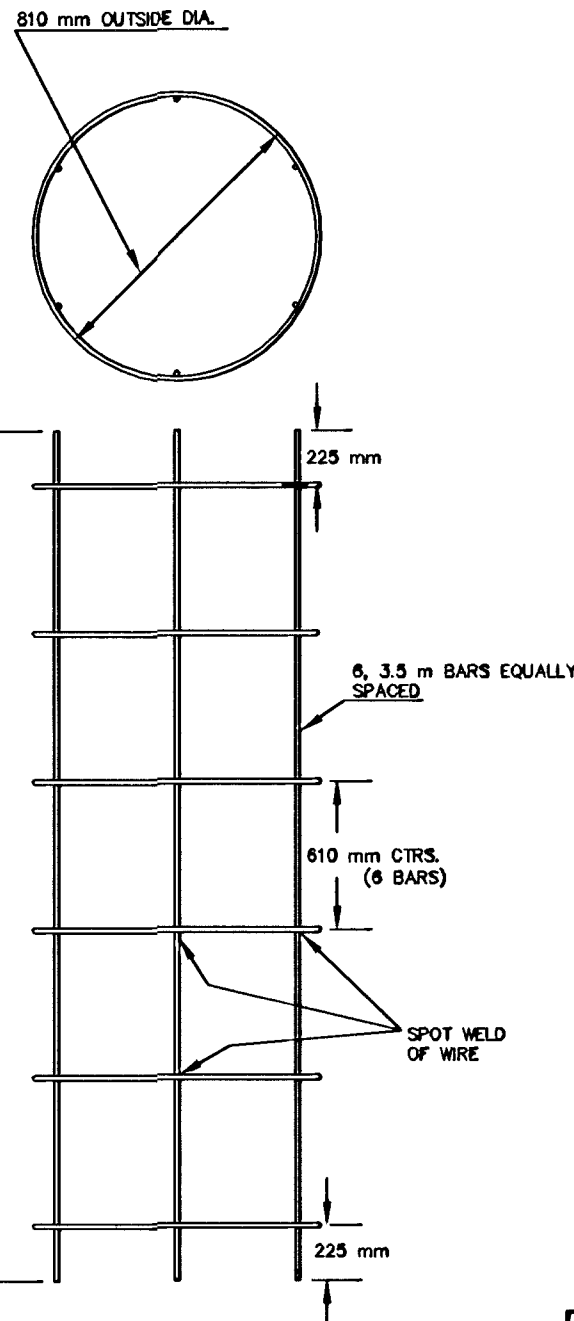


NOTE: A
A SINGLE CONDUCTOR STRANDED #8 GREEN WIRE SHALL CARRY THE EQUIP. GROUND FROM THE GROUND LUG OF ALL SIGNAL POLES TO THE CONTROLLER CABINET AND THE POWER DISCONNECT BOX. WHEN NECESSARY EQUIP. GROUND CAN BE SPLICED IN SERVICE BOX WITH SPLIT BOLT CONNECTOR.

NOTE:

- THE ANCHOR BOLTS FOR THE SIGNAL POLE SHALL BE TACK WELDED TOGETHER IN A 400 OR 500 mm DIA. BOLT PATTERN (ON CENTERS AS SHOWN) TO MAINTAIN REQUIRED BOLT CONFIGURATION PATTERN AND TO ADD IN VERTICAL POSITIONING WHILE CONCRETE BASE IS POURED.
- USE ANTI-SEIZE COMPOUND ON ALL THREADS.
- 3.7 m x 20 mm GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
- CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
- CONSTRUCT A 150 mm THICK x 915 mm SQUARE CONCRETE CAP AFTER POLE HAS BEEN ERECTED & PLUMBED. CHAMFER EDGE 25 mm. MUST BE APPROVED BY DVA BEFORE POURED.
- CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (ABOVE BASE) TO PREVENT CABLE CHAFING.
- USE #8 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.

REBAR CAGE



PROJECT DESCRIPTION

STEEL SIGNAL POLE ASSEMBLY DETAILS

PROJECT NUMBER

DRAWN BY: T.M.	APPROVED BY:	REVISED BY: T.M.
DATE: FEB. 96		DATE: MAY97

CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS

DIVISION OF TRAFFIC ENGINEERING	SCALE
WM. G. MCKINLEY TRAFFIC ENGINEER	NO SCALE