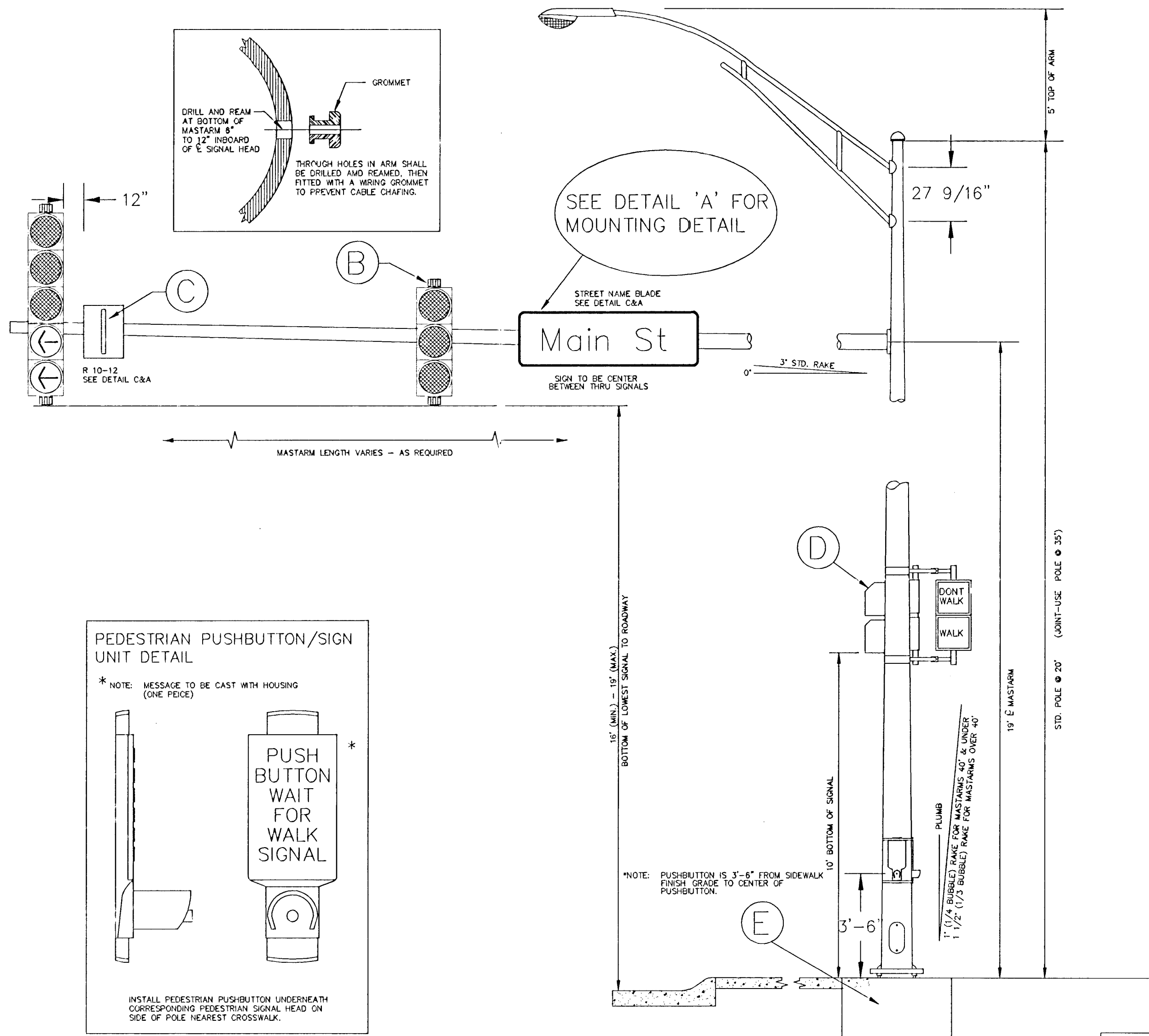




Specifications for all Black Poles

POLE FINISH:

Surface preparation-

The exterior steel surface shall be blasted clean in accordance with the requirements outlined in the Steel Structures Painting Council Surface Preparation Specification, Number 6, (SSPCSP60) utilizing a dry abrasive, closed cycle, recirculating system with centrifugal wheels and abrasive. The abrasive used shall be steel shot conforming to the society of automotive engineers (SAE) recommended practice #J827 with particle size meeting SAE shot number S280.

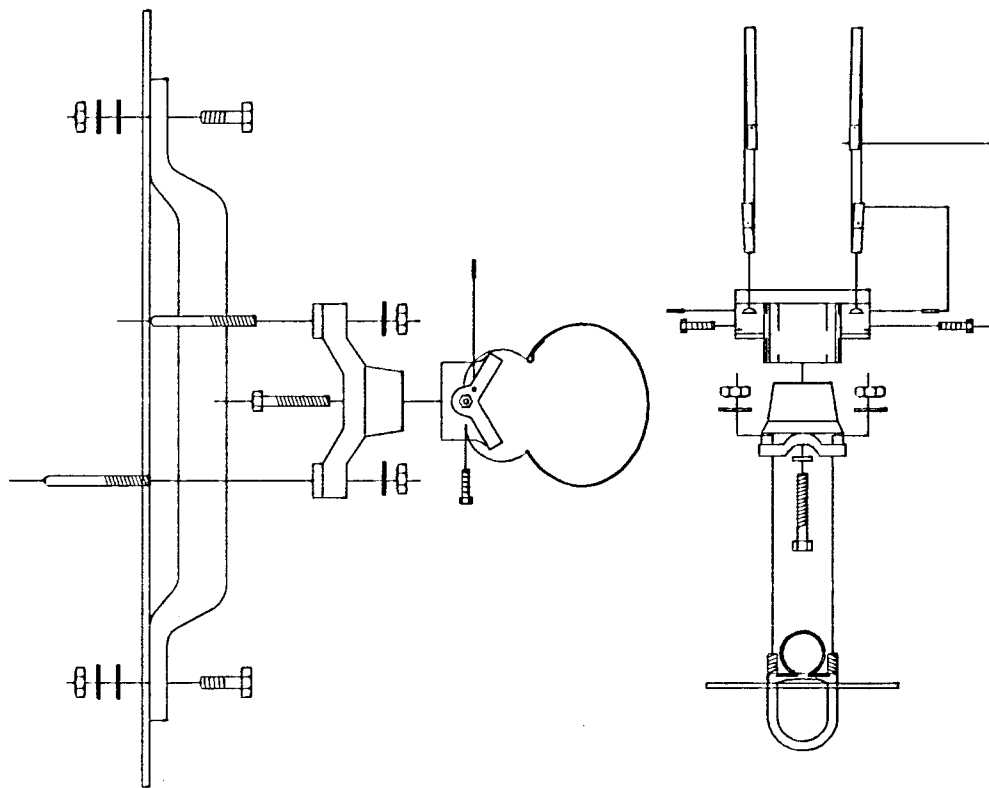
Zinc Coating-

The pole assembly shall be hot-dip galvanized to the requirements of, either ASTM A123 (Fabricated items), or ASTM A153 (Hardware items) by immersion in a molten bath of prime western grade zinc, maintained between 810 and 850 degrees F. Maximum aluminum content of the bath shall not exceed 0.01%.

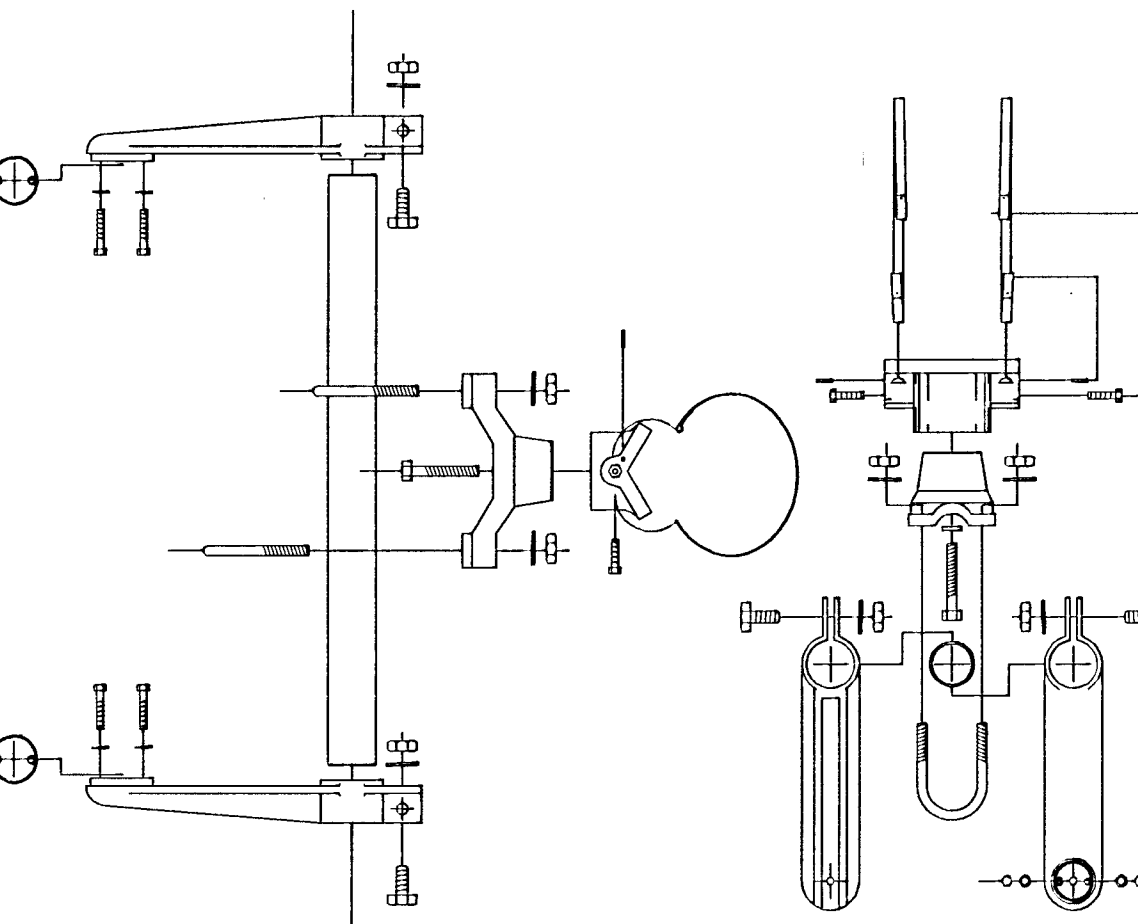
Top Coat-

All visually-exposed exterior surfaces shall be coated with a urethane or triglycidyl isocyanurate (TGIC) polyester powder to a minimum dry film thickness (DFT) of 0.05mm (2.0 MILS). Prior to application of the top coat, the surface shall be mechanically etched and pre-heated to 450 degrees F for a minimum of one hour. The coating shall be electrostatically applied and cured at a minimum temperature of 400 degrees F, and the color shall be Black.

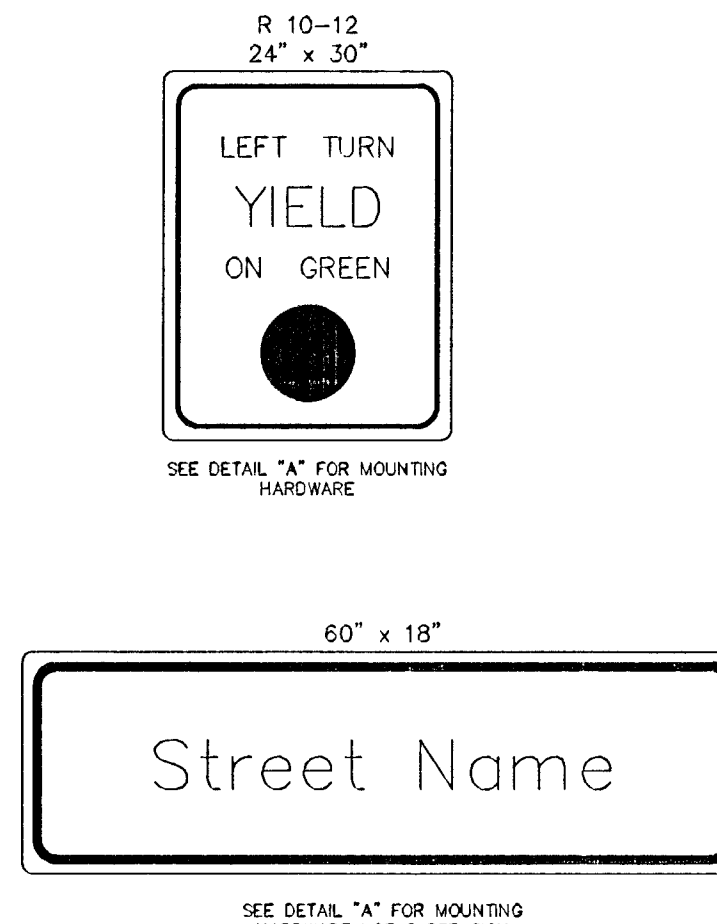
BANDED SIGN MOUNTING BRACKET DETAIL



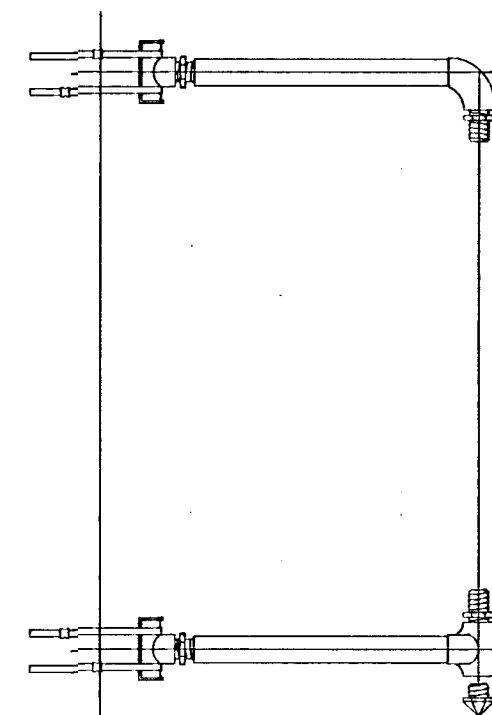
TYPE I SIGNAL MOUNTING BRACKET ASSEMBLY DETAIL



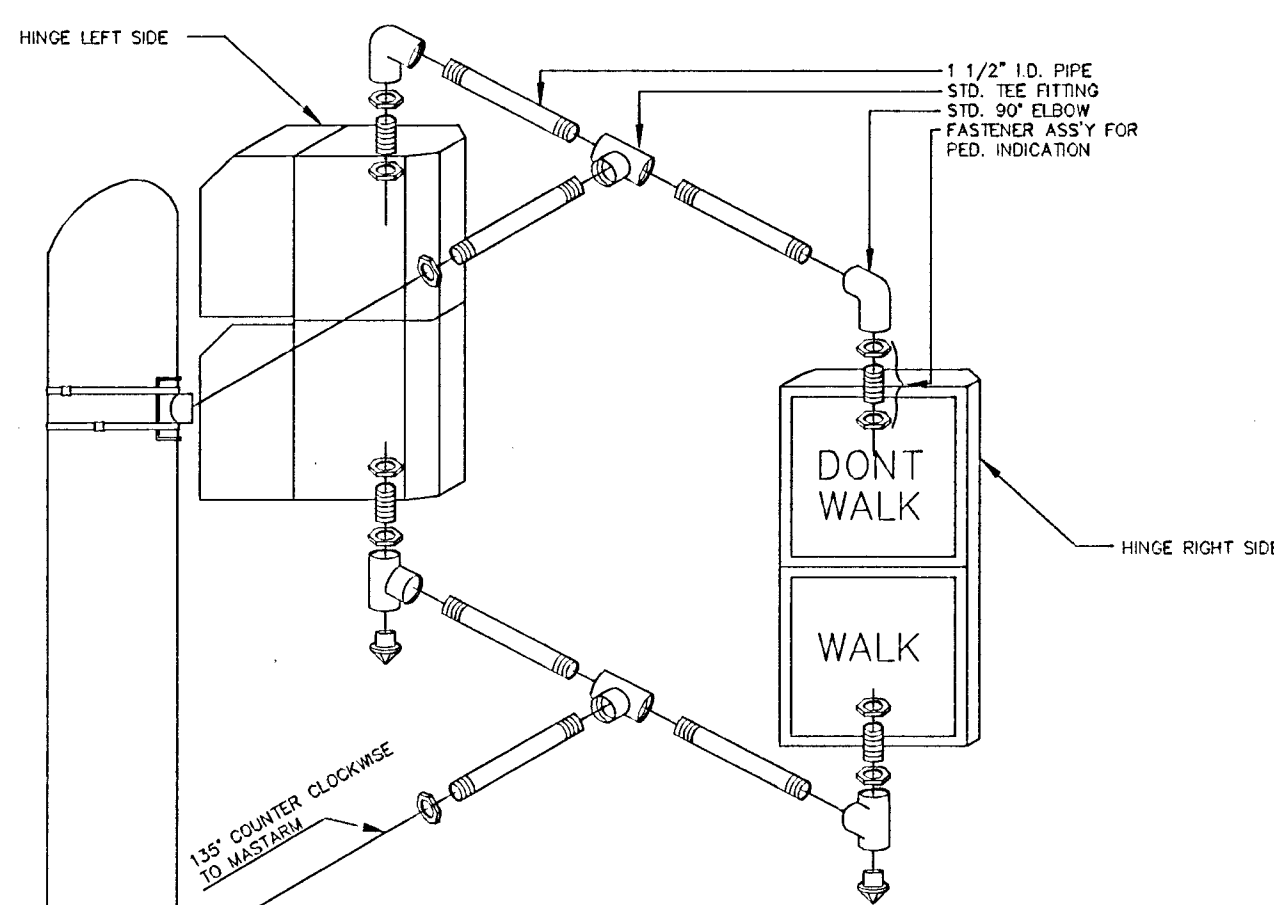
STANDARD SIGNING



TYPE III SIDE-OF-POLE MOUNTING BRACKET ASSEMBLY

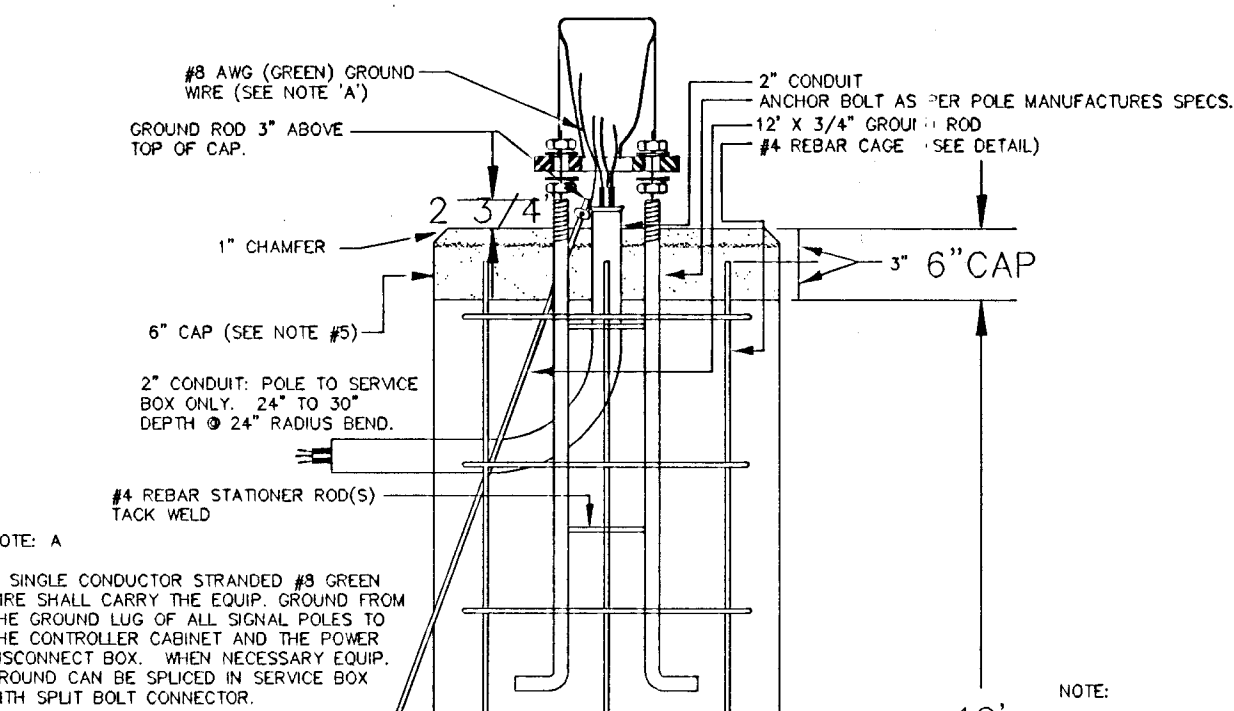
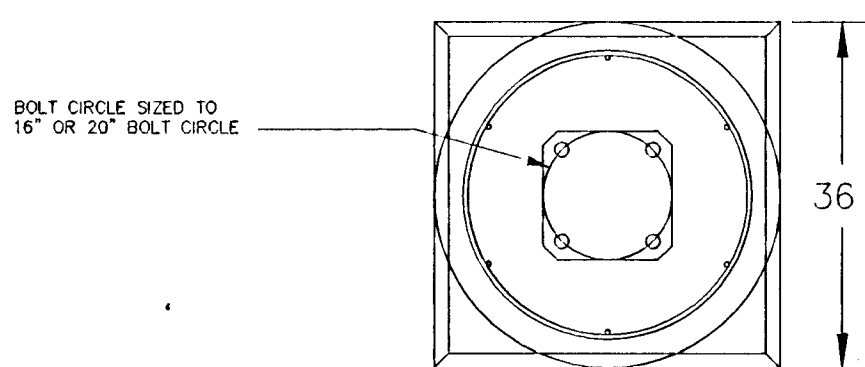
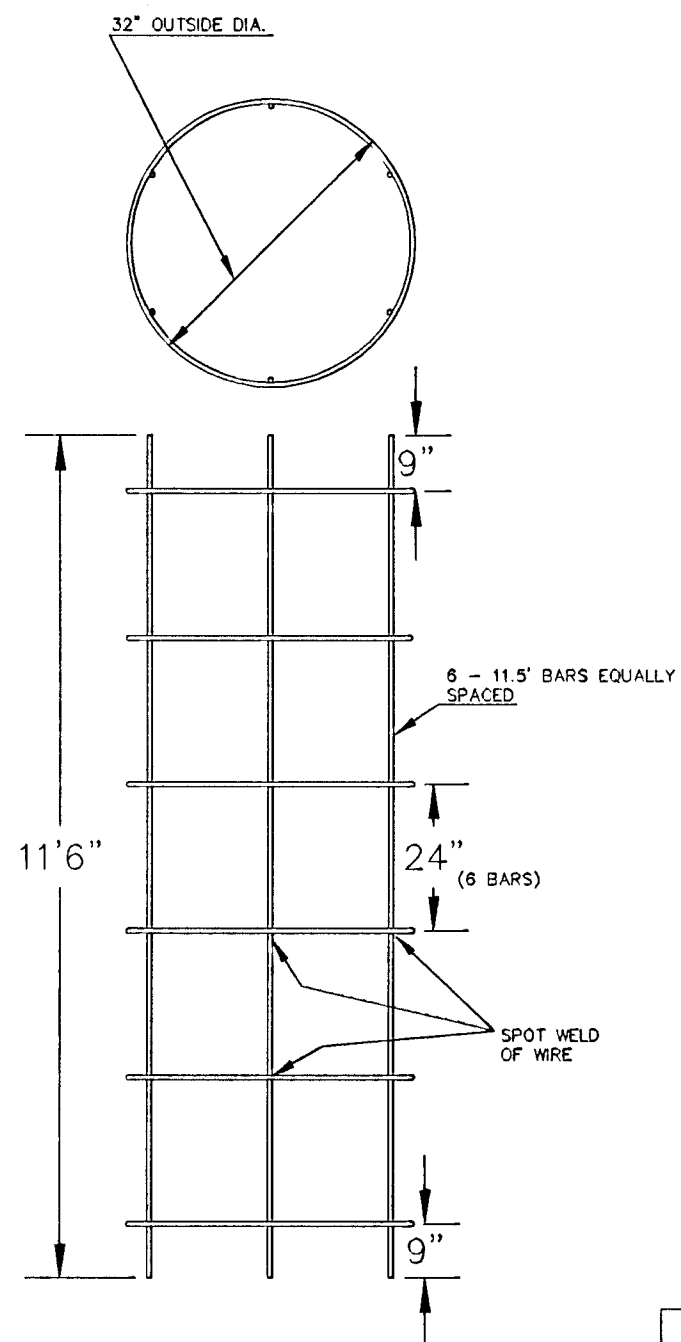


TYPE II SIGNAL MOUNTING BRACKET ASSEMBLY (SIDE-OF-POLE)



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

REBAR CAGE



NOTE:

1. THE ANCHOR BOLTS FOR THE SIGNAL POLE SHALL BE TACK WELDED TOGETHER IN A 16" OR 20" DIA. BOLT PATTERN (ON CENTERS AS SHOWN) TO MAINTAIN REQUIRED BOLT CONFIGURATION PATTERN AND TO AID IN VERTICAL POSITIONING WHILE CONCRETE BASE IS POURED.
2. USE ANTI-SEIZE COMPOUND ON ALL THREADS.
3. 1/2" x 3/4" GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
4. CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
5. CONSTRUCT A 6" THICK x 36" SQUARE CONCRETE CAP AFTER POLE HAS BEEN ERECTED & PLUMBED. CHAMFER EDGE 1". MUST BE APPROVED BY ENG. BEFORE POURED.
6. CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (ABOVE BASE) TO PREVENT CABLE CHAFING.
7. USE #6 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.