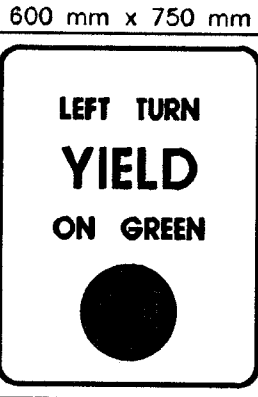


FWHA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0080-01 R	0-1997	96	162

STANDARD SIGNING



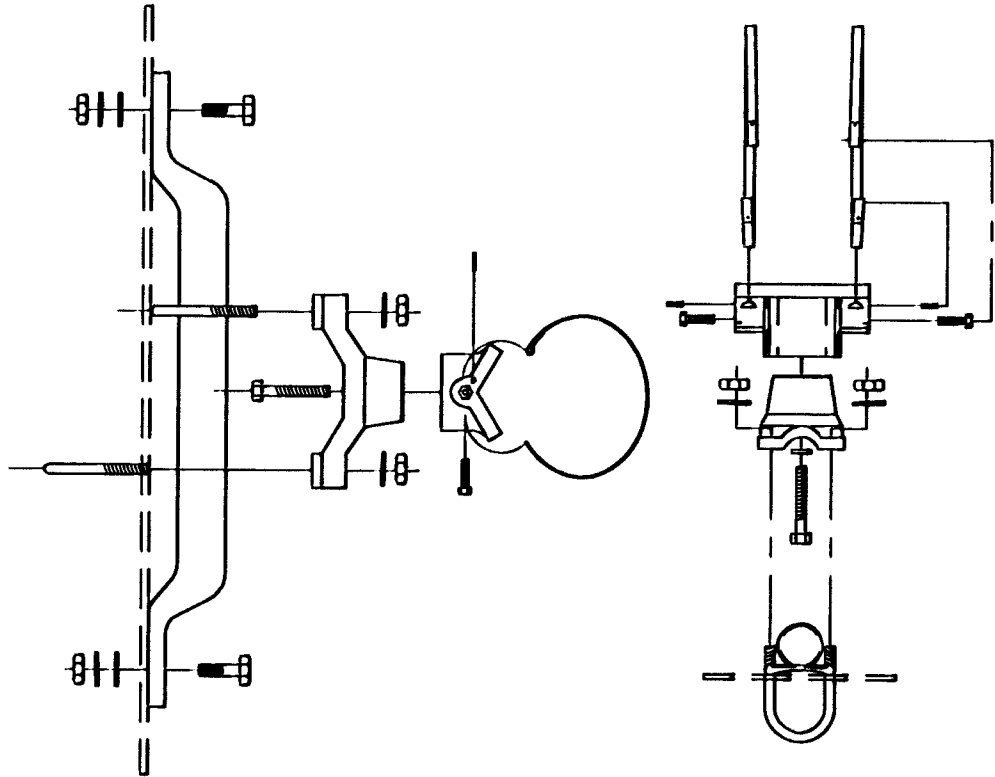
SEE DETAIL "A" FOR MOUNTING HARDWARE

1.5 m x 450 mm

Street Name

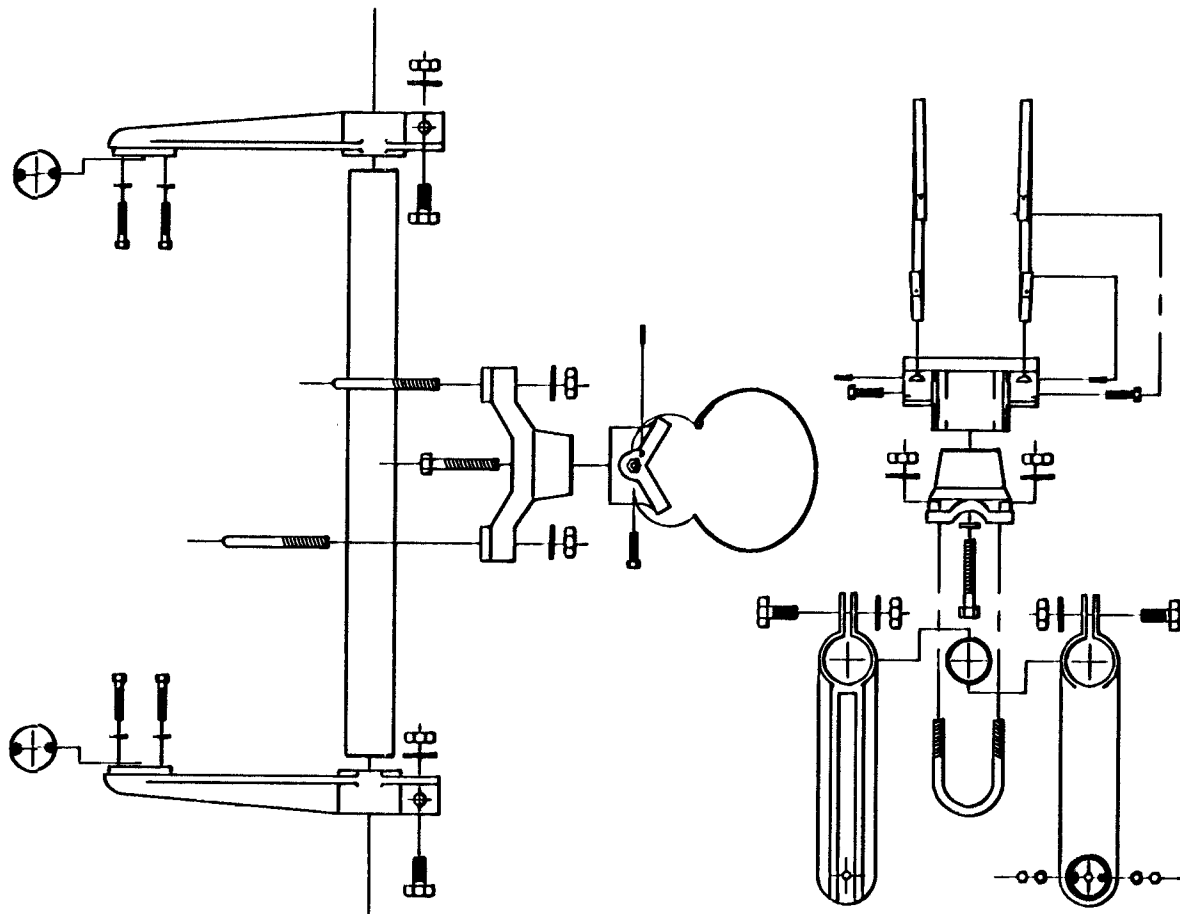
SEE DETAIL "A" FOR MOUNTING HARDWARE USE 2 PER SIGN

BANDED SIGN MOUNTING BRACKET DETAIL



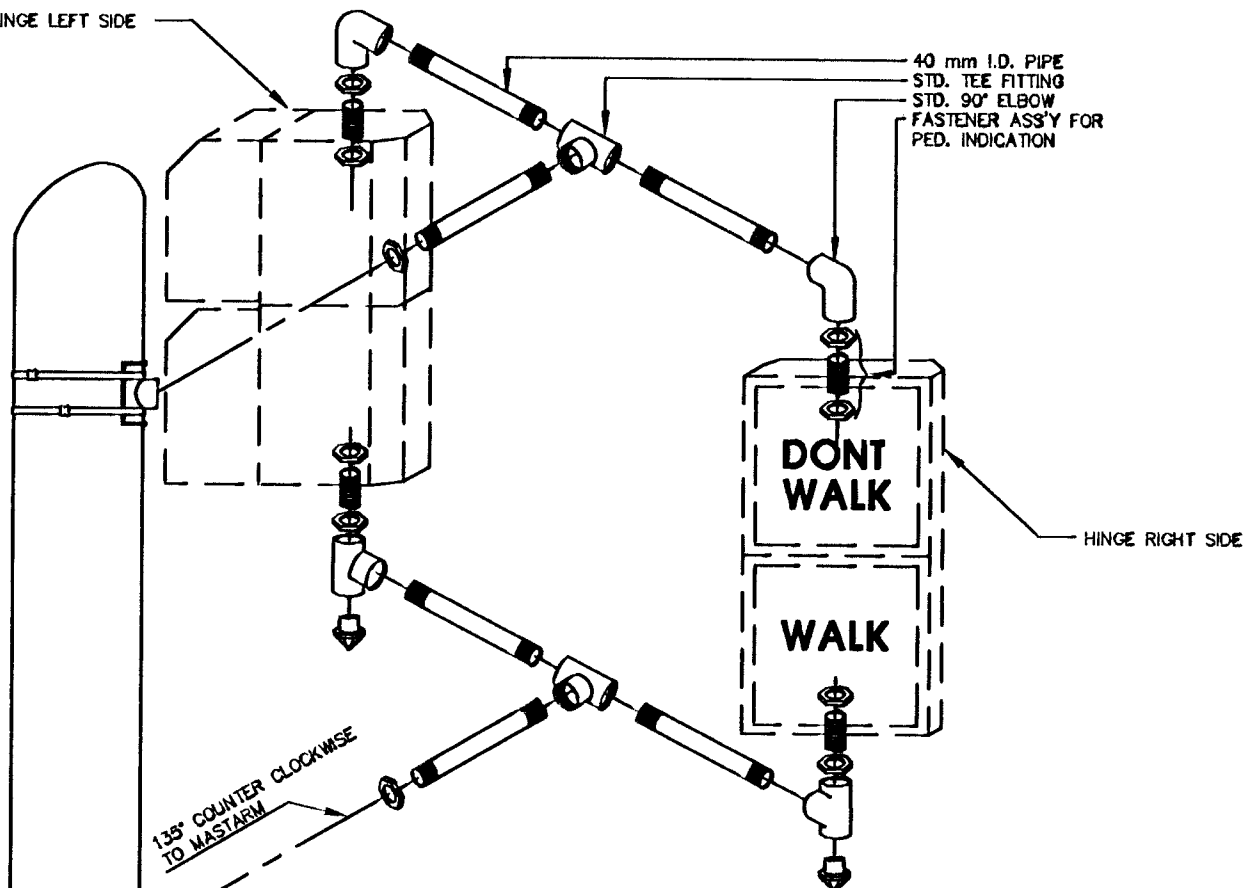
A

TYPE I SIGNAL MOUNTING BRACKET ASSEMBLY DETAIL



B

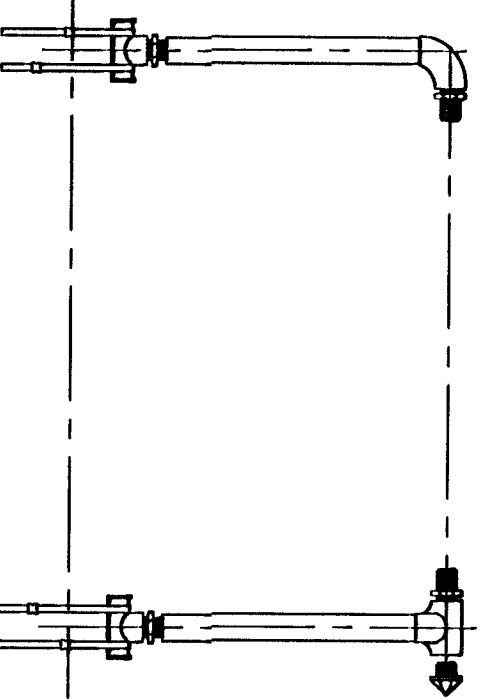
TYPE II SIGNAL MOUNTING BRACKET ASSEMBLY (SIDE-OF-POLE)



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 CABLE CHAFING.
3. HINGE PEDESTRIAN SIGNAL DOORS AWAY FROM POLE.

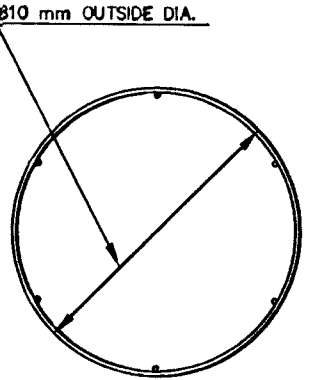
D

TYPE III SIDE-OF-POLE MOUNTING BRACKET ASSEMBLY

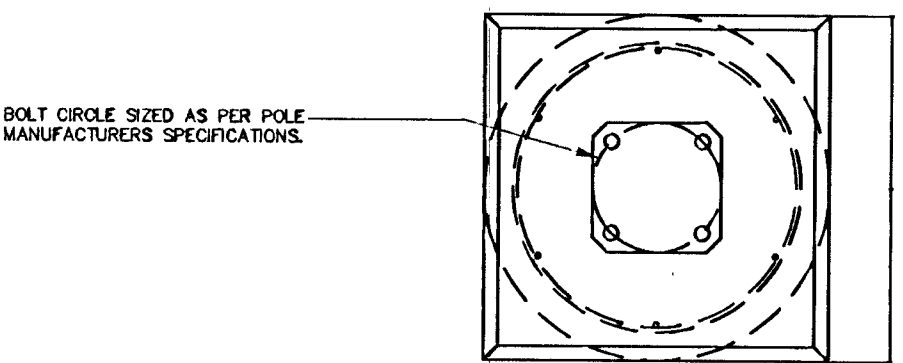


F

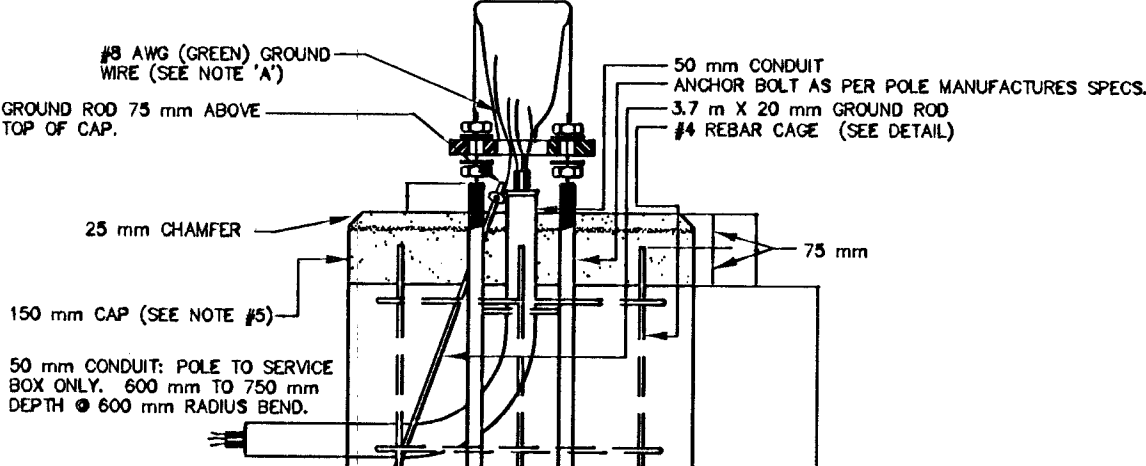
REBAR CAGE



E



BOLT CIRCLE SIZED AS PER POLE MANUFACTURERS SPECIFICATIONS.

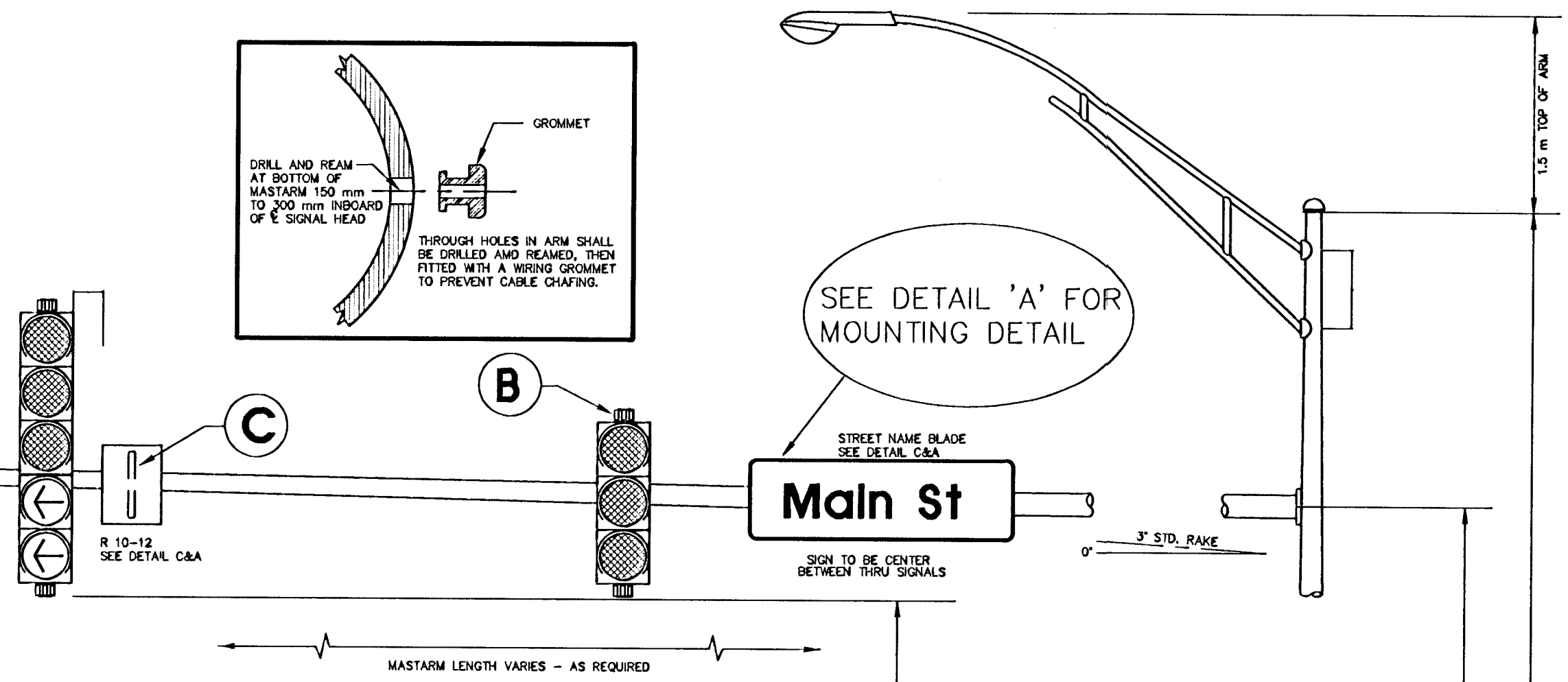


NOTE: A

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 SPICED IN SERVICE BOX WITH SPLIT BOLT CONNECTOR.

NOTE:

1. 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 AID IN VERTICAL POSITIONING WHILE CONCRETE BASE IS POURED.
2. USE ANTI-SEIZE COMPOUND ON ALL THREADS.
3. 3.7 m x 20 mm GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
4. CLASS "A" CONCRETE SHALL BE USED TO CONSTRUCT BASE.
5. CONSTRUCT A 150 mm THICK x 914 mm SQUARE CONCRETE CAP AFTER POLE HAS BEEN ERECTED & PLUMBED. CHAMFER EDGE 25 mm. MUST BE APPROVED BY ENG. BEFORE POURED.
6. CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (ABOVE BASE) TO PREVENT CABLE CHAFING.
7. USE #8 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.



SEE DETAIL 'A' FOR MOUNTING DETAIL

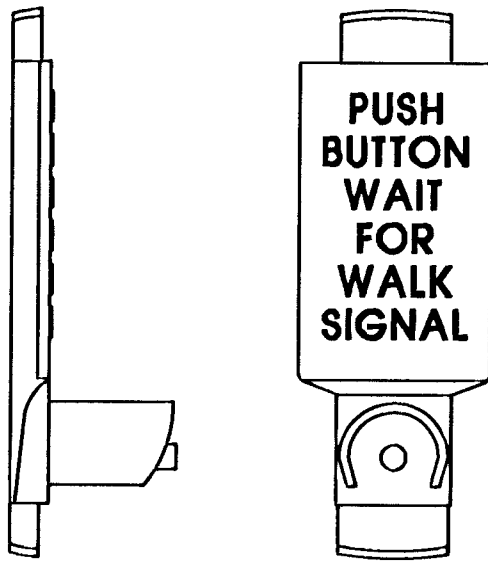
STREET NAME BLADE
SEE DETAIL CAA

MAIN ST

SIGN TO BE CENTER BETWEEN THRU SIGNALS

PEDESTRIAN PUSHBUTTON/SIGNAL UNIT DETAIL

* NOTE: MESSAGE TO BE CAST WITH HOUSING (ONE FACE)



INSTALL PEDESTRIAN PUSHBUTTON UNDERNEATH CORRESPONDING PEDESTRIAN SIGNAL HEAD ON SIDE OF POLE NEAREST CROSSWALK.

4.5 m (15 ft) - 5.5 m (18 ft) (MIN)-USE POLE @ 10.7 m

BOTTOM OF LARGEST SIGNAL TO HIGHWAY

*NOTE: PUSHBUTTON IS 1 m FROM SIDEWALK FINISH GRADE TO CENTER OF PUSHBUTTON.

3 m BOTTOM OF SIGNAL

PLUMB
1 7/8" (47.6 mm) RAKE FOR MASTARMS TO 1 1/2" (38.1 mm) RAKE FOR MASTARMS OVER TO R

5.5 m E MASTARM

STD. POLE @ 6 m (20 ft) - USE POLE @ 10.7 m