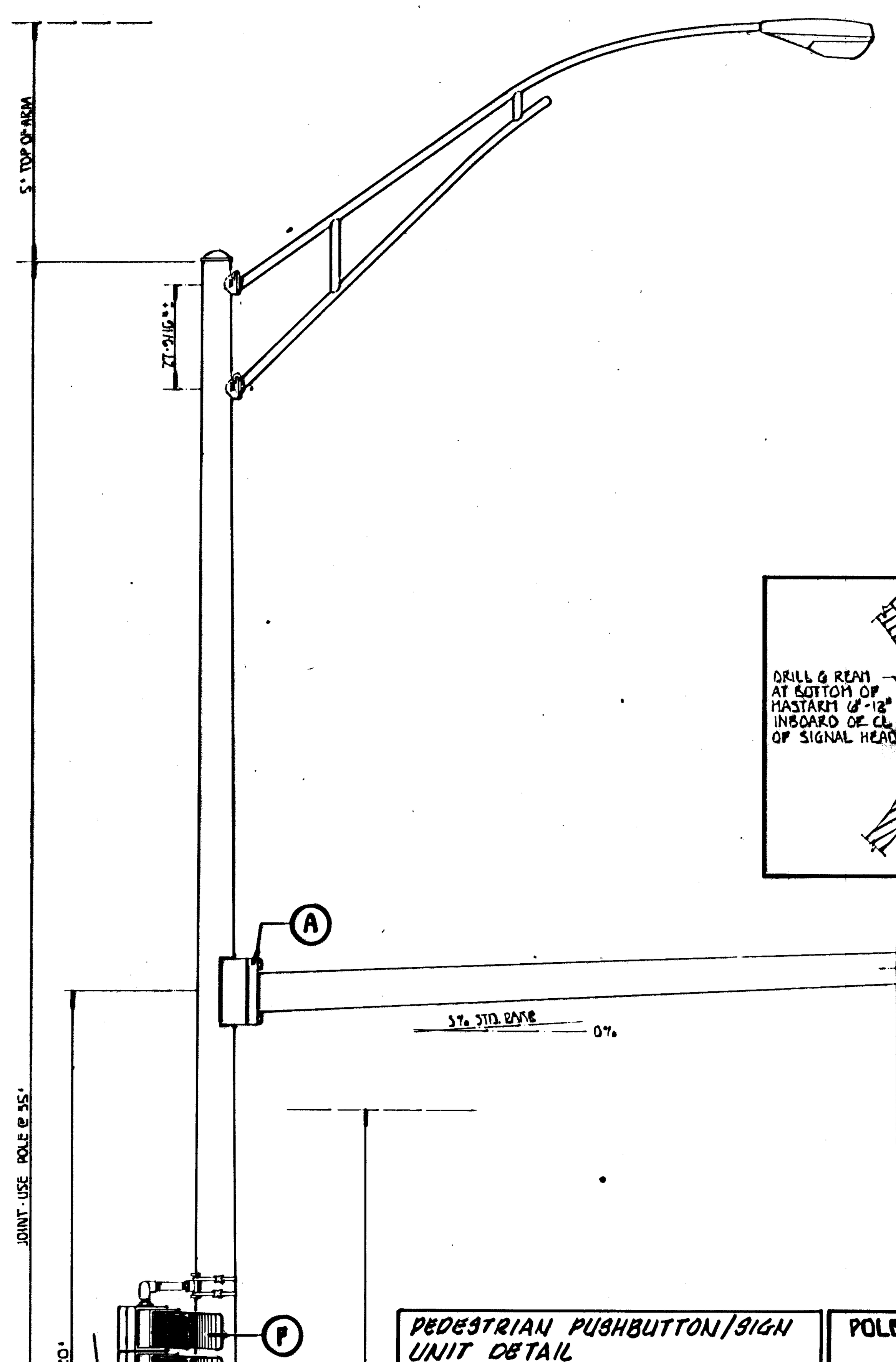
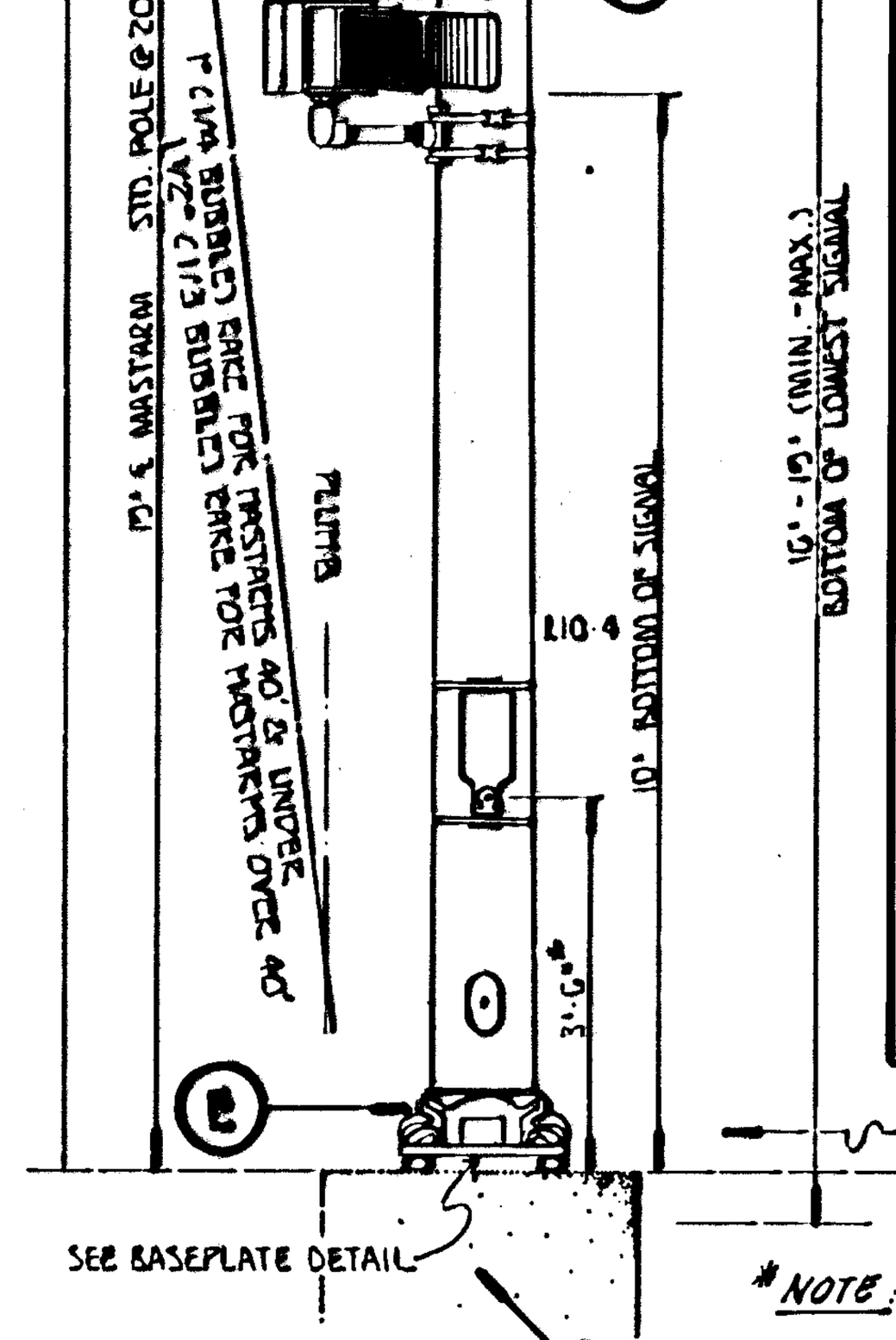
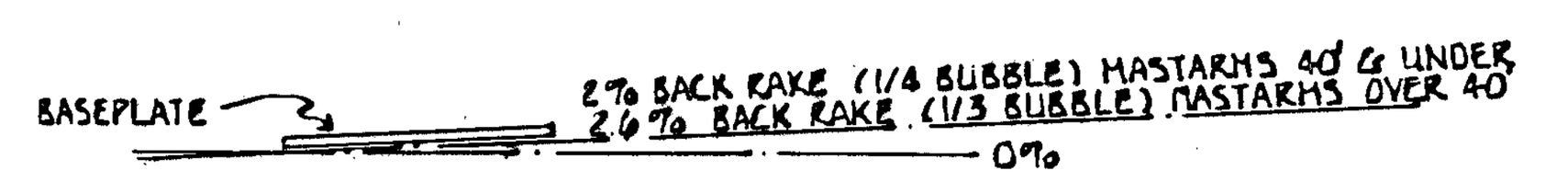
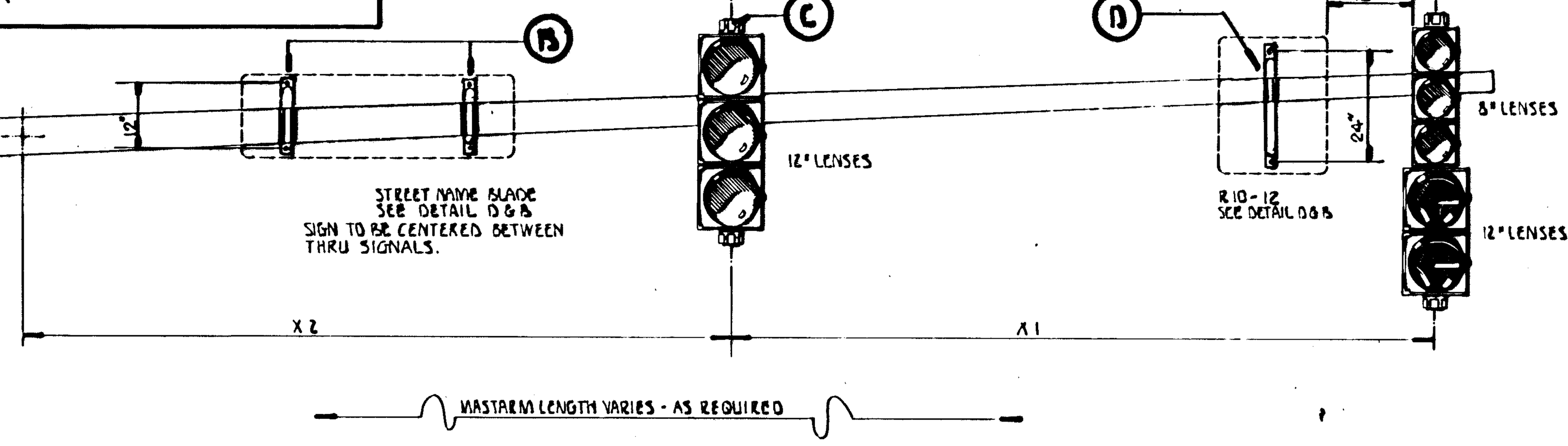
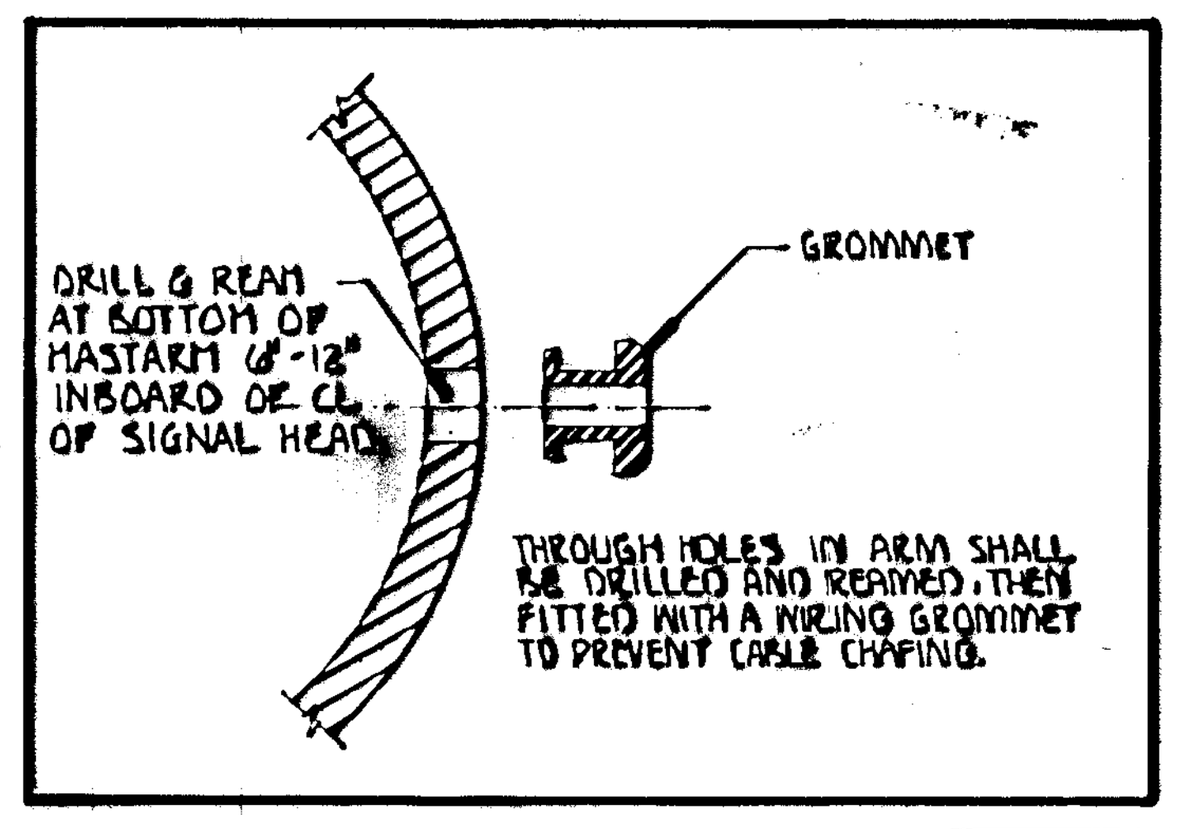



*NOTE: PUSHBUTTON IS 3'-6" FROM SIDEWALK FINISH GRADE TO CENTER OF PUSHBUTTON.

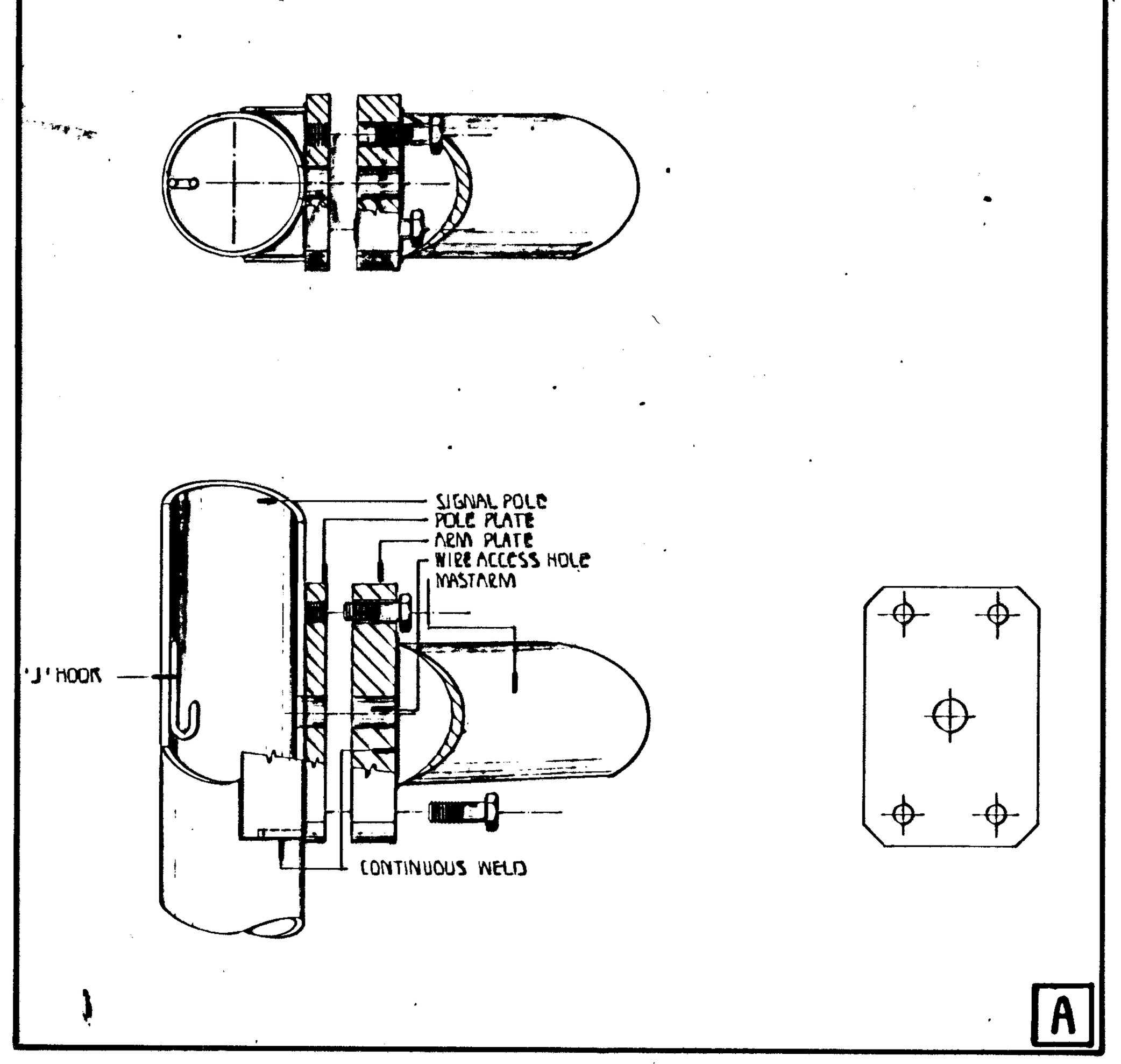


BASEPLATE DETAIL

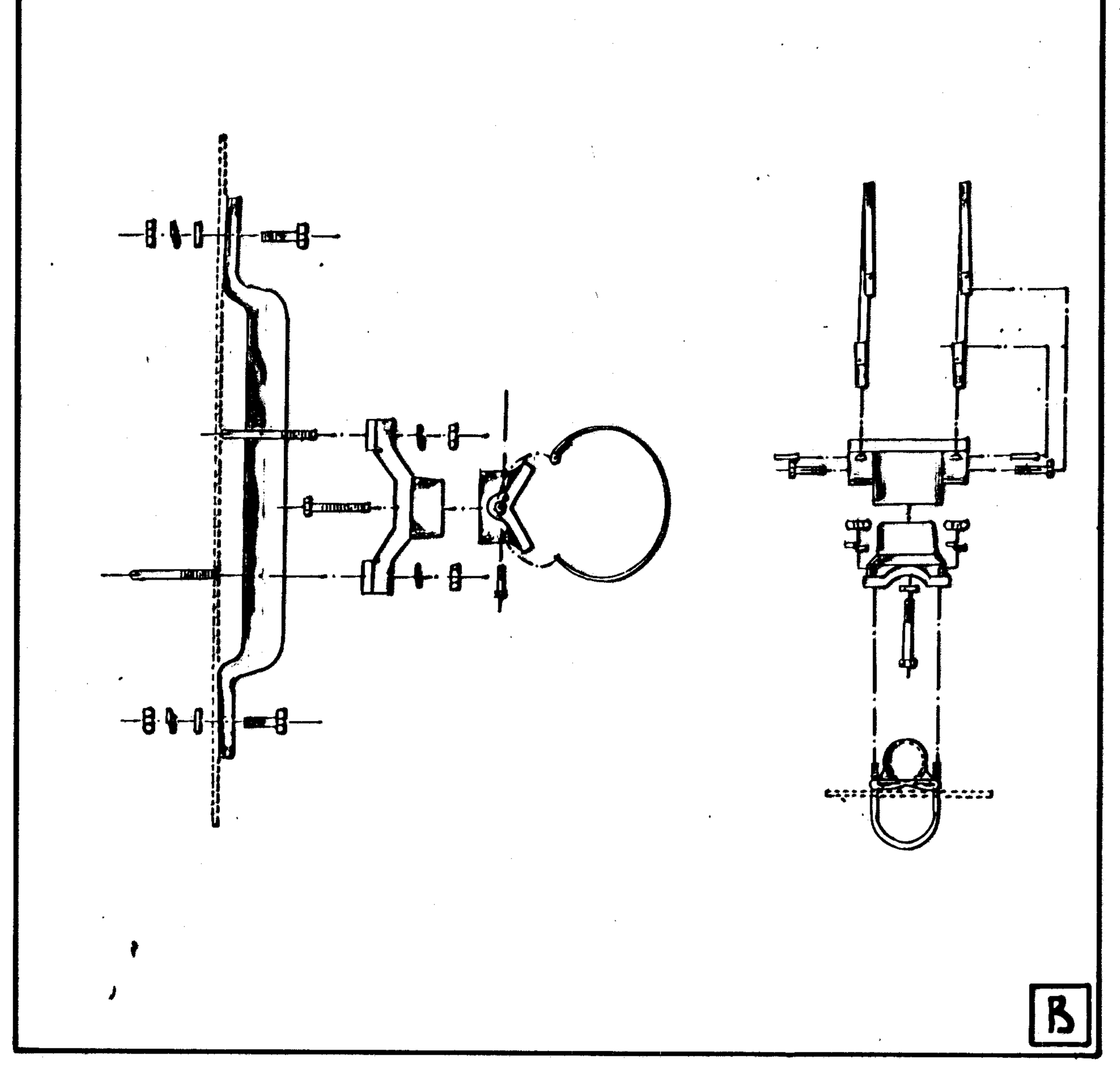




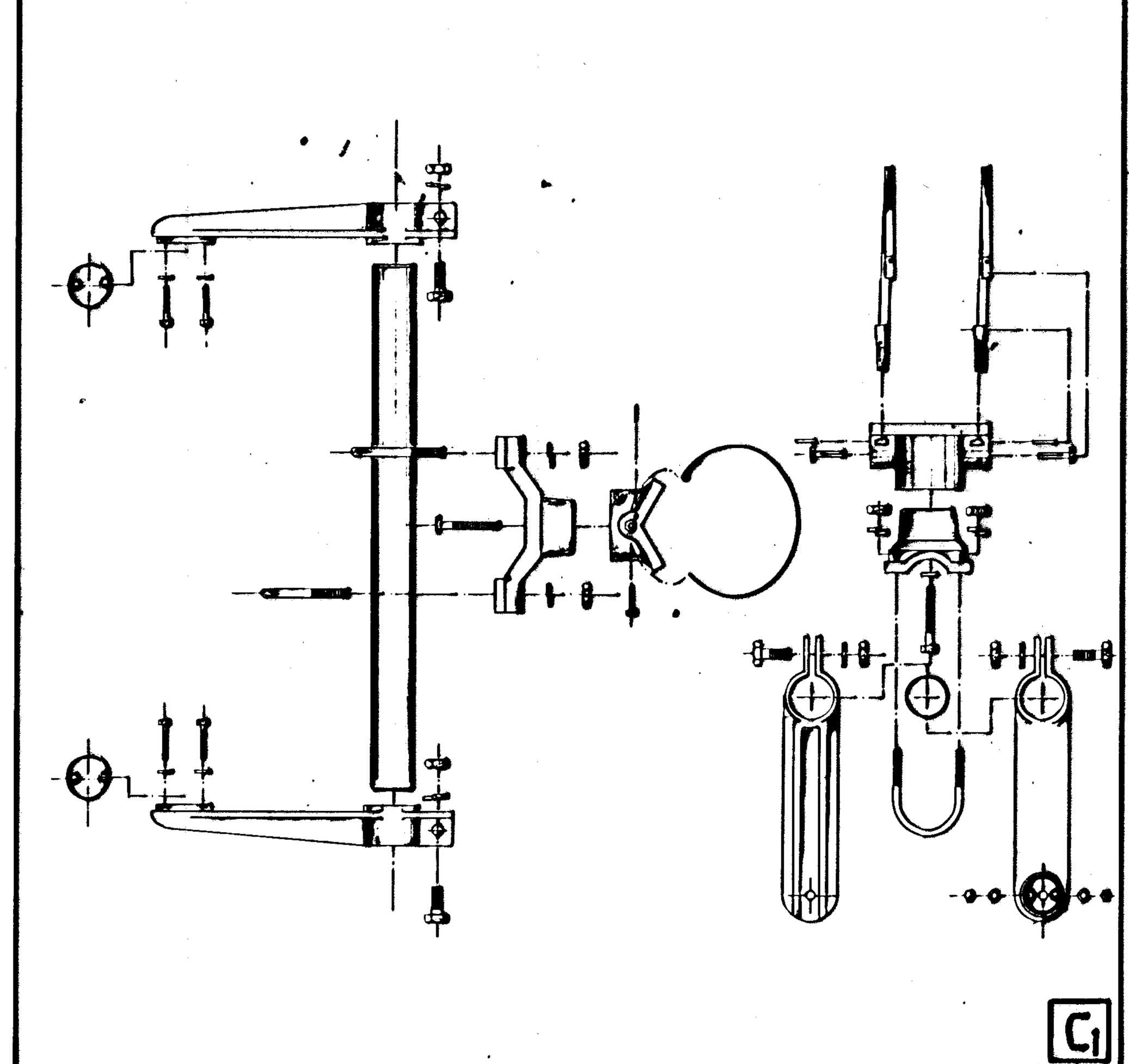
MASTARM MOUNTING DETAIL



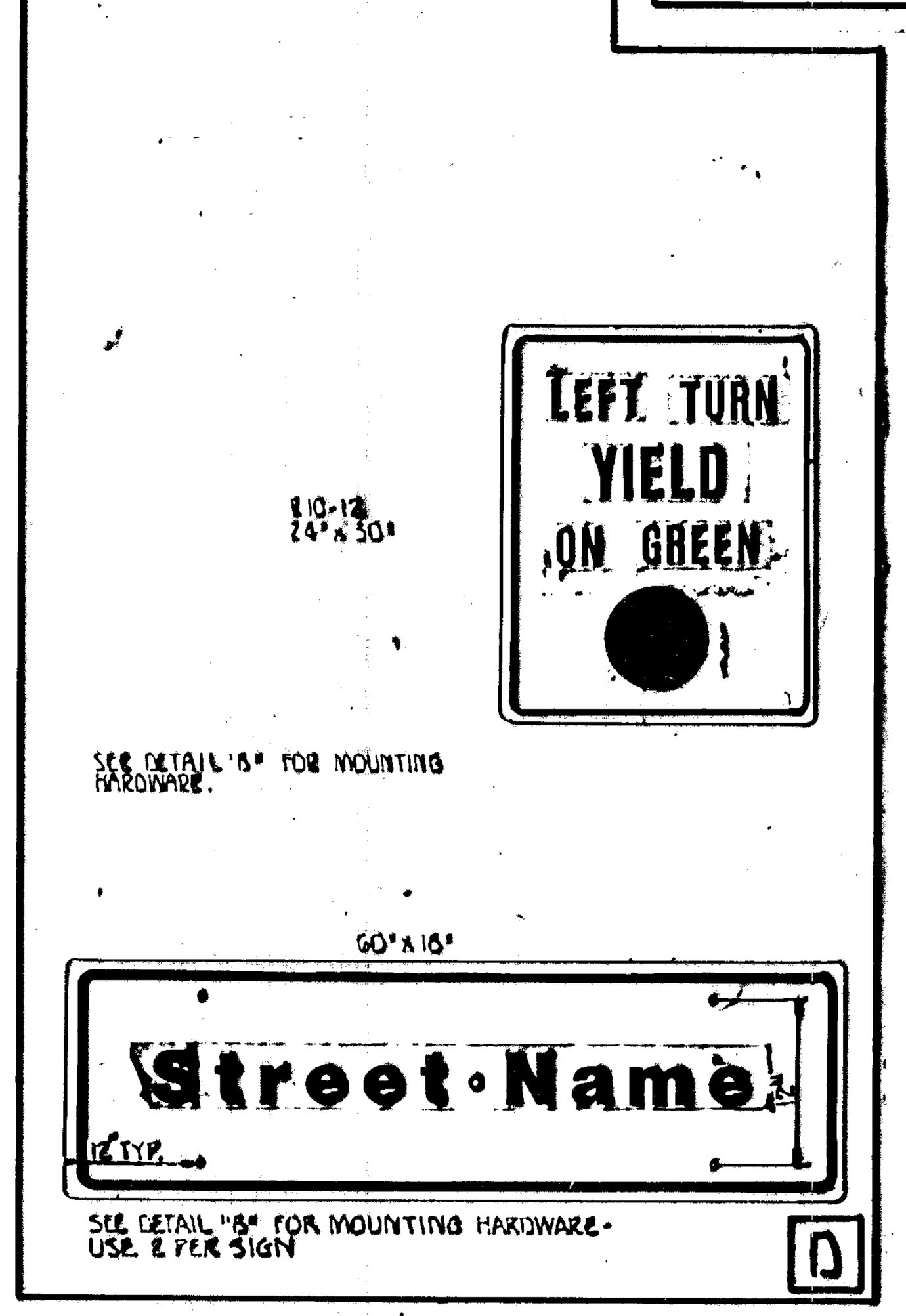
BANDED SIGN MOUNTING BRACKET DETAIL



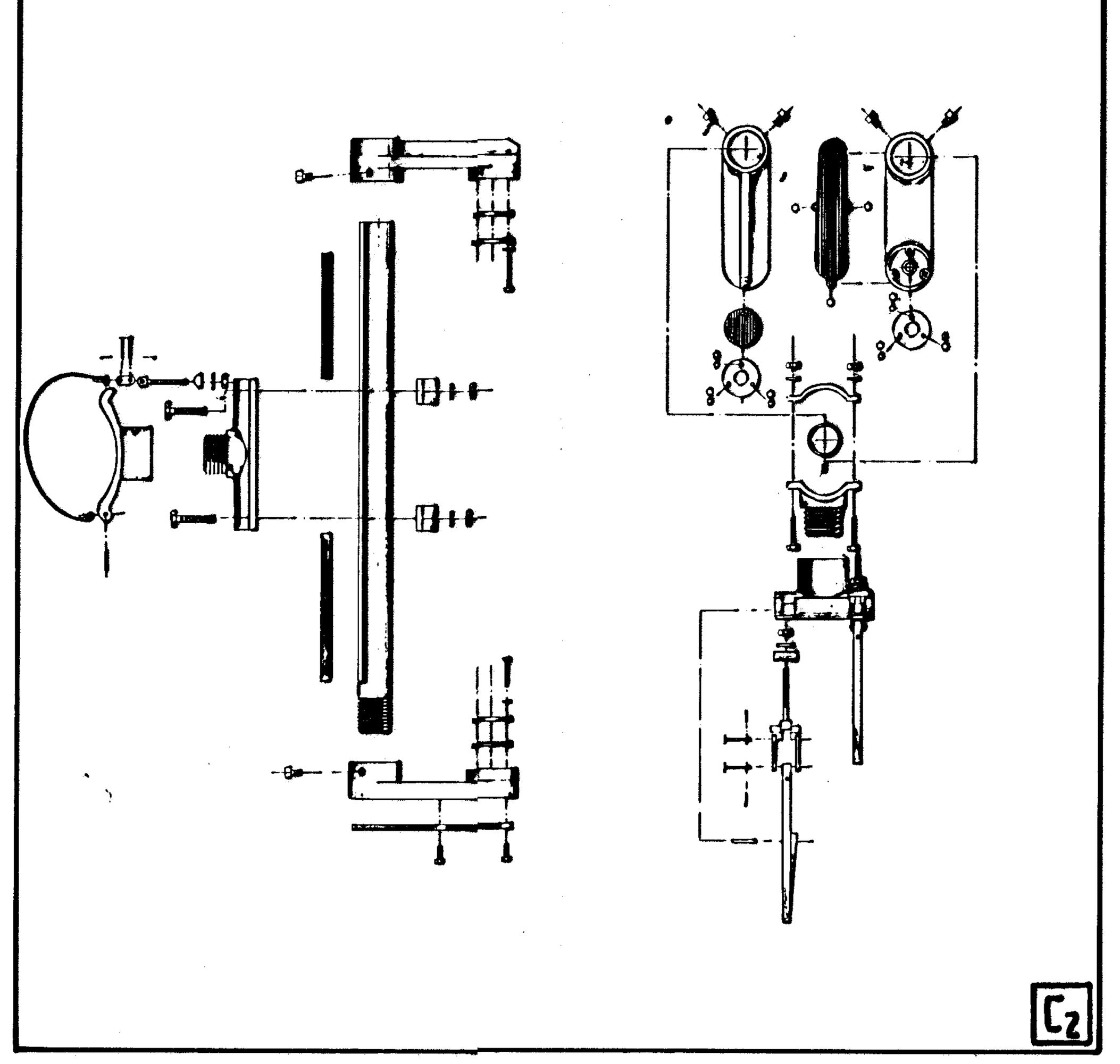
TYPE I SIGNAL MOUNTING BRACKET ASSEMBLY DETAIL

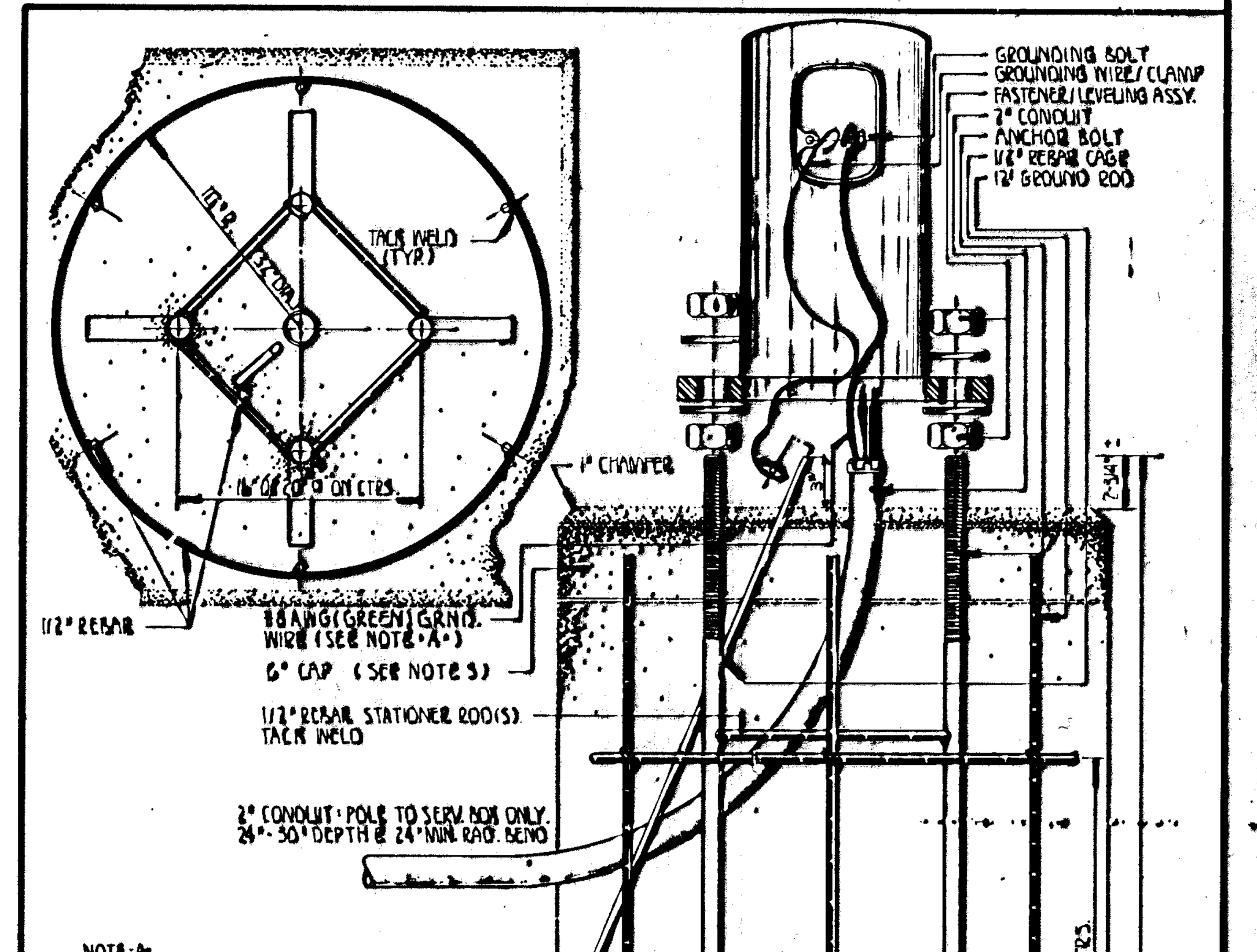


STANDARD SIGNING



TYPE I SIGNAL MOUNTING BRACKET (ALTERNATE)





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, EQUIPMENT GROUND CAN BE SPLICED IN SERVICE BOX WITH SPLIT BOLT CONNECTOR.

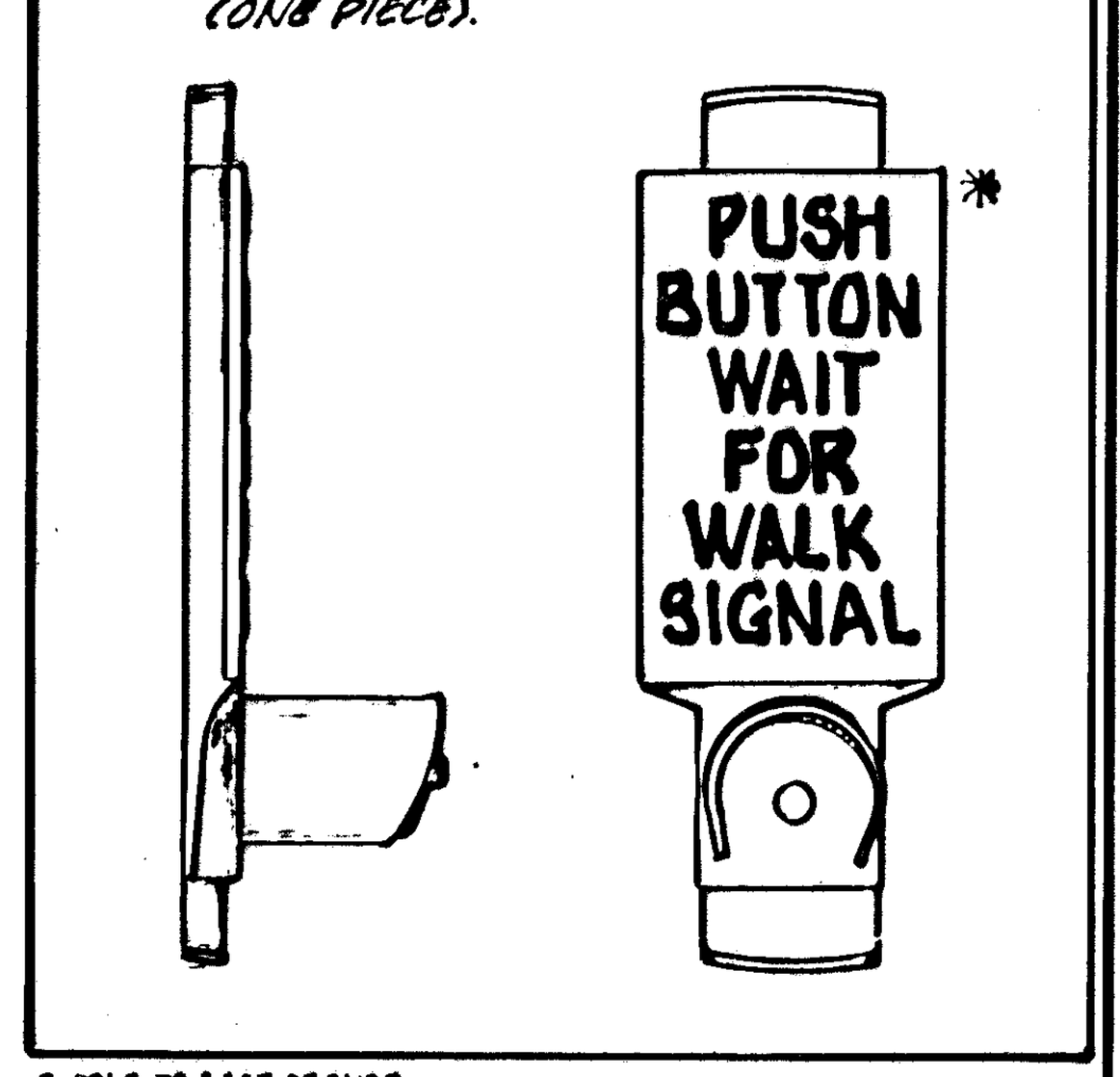
NOTES:

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 B.C. PATTERN AND TO AID IN VERTICAL POSITIONING WHILE CONC. BASE IS POURED.
2. USE ANTI-SEIZE COMPOUND ON ALL THREADS.
3. 12 FT x 5/8" GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
4. CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
5. CONSTRUCT A 6" THK x 36" SQ. CONC. CAP AFTER POLE HAS BEEN ERECTED & PLUMBED. CAMFER 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 GND. CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.

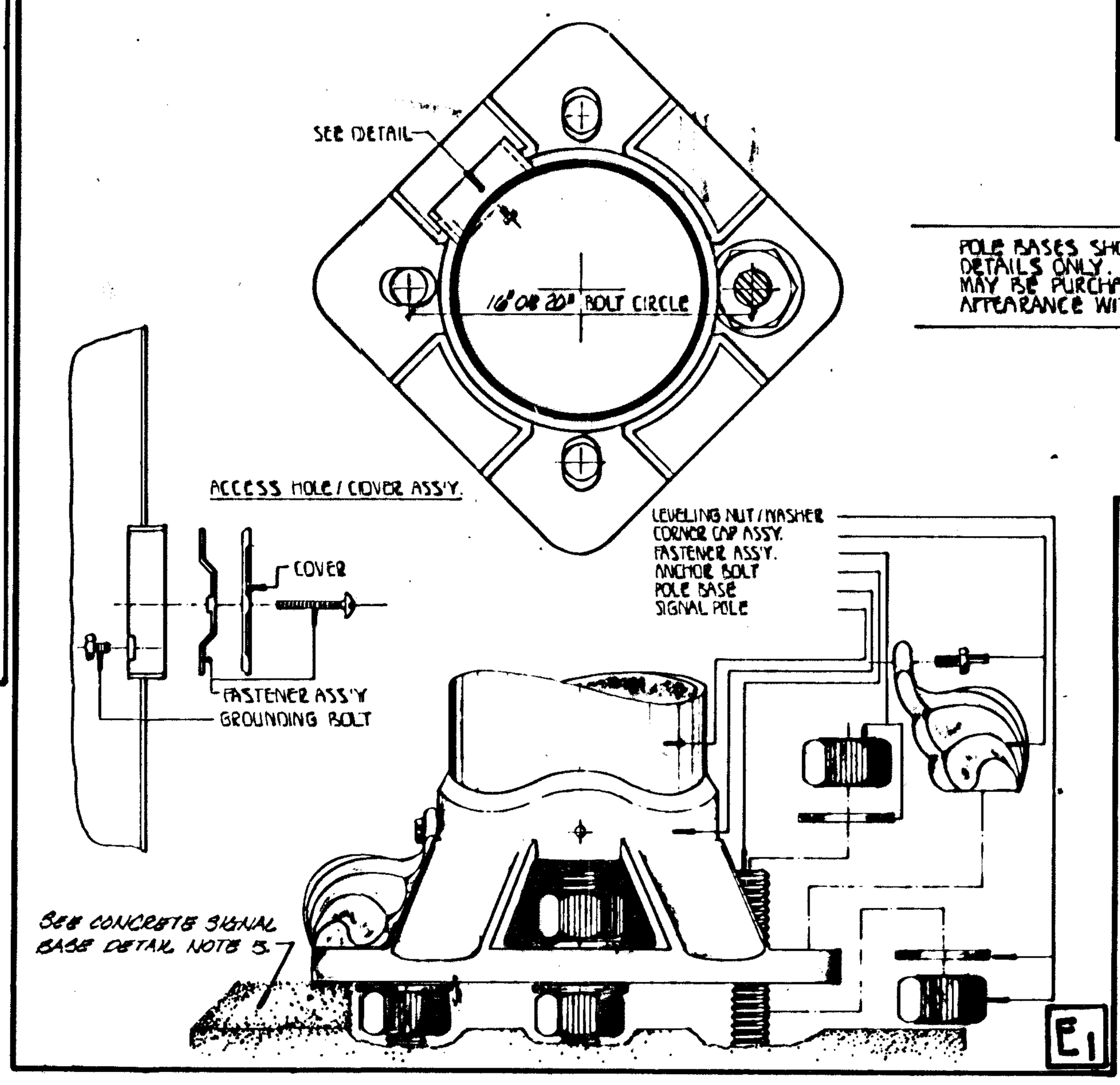
CONCRETE SIGNAL BASE DETAIL

PEDESTRIAN PUSHBUTTON/SIGN UNIT DETAIL

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

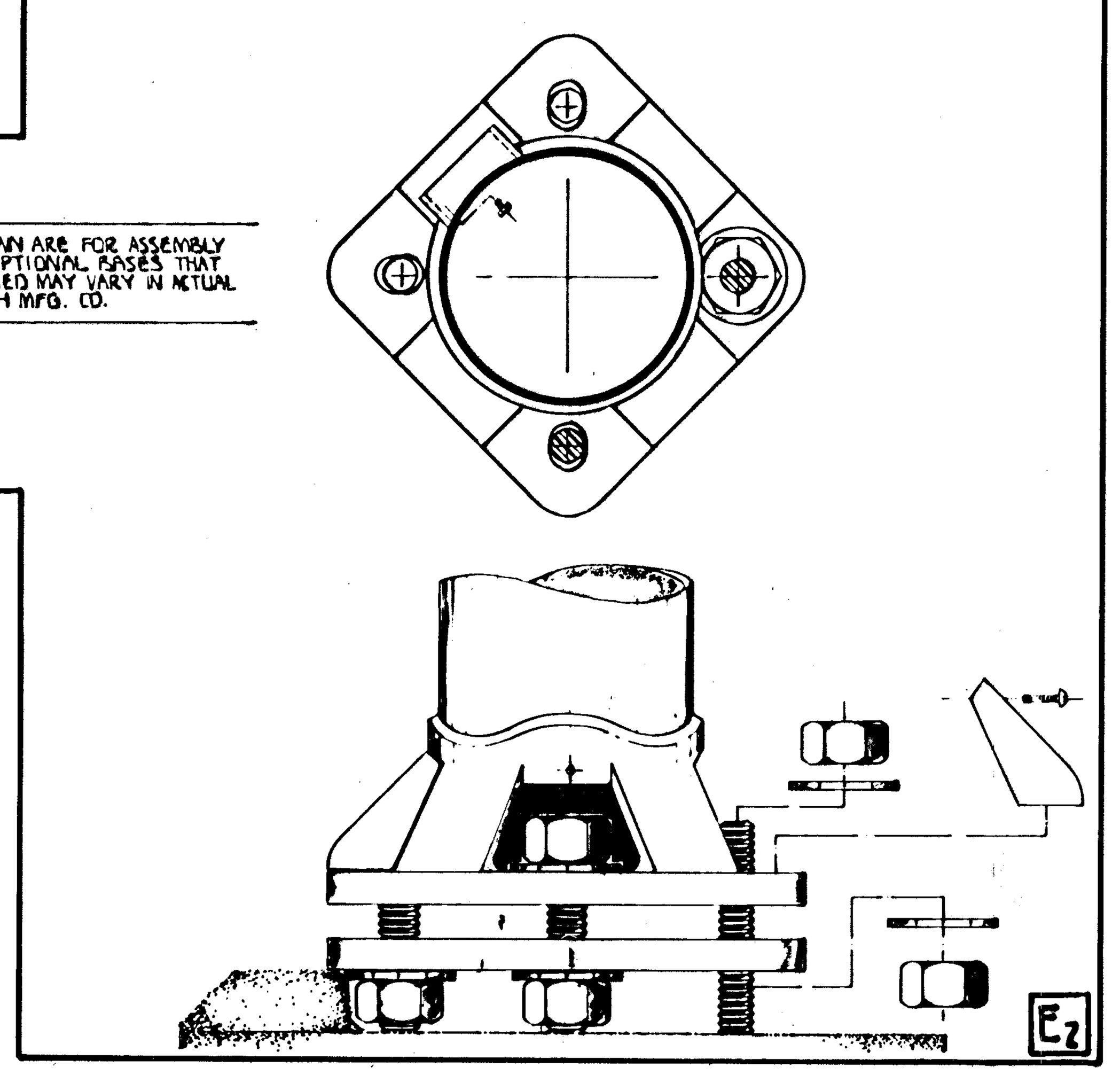


POLE BASE ASSEMBLY DETAIL

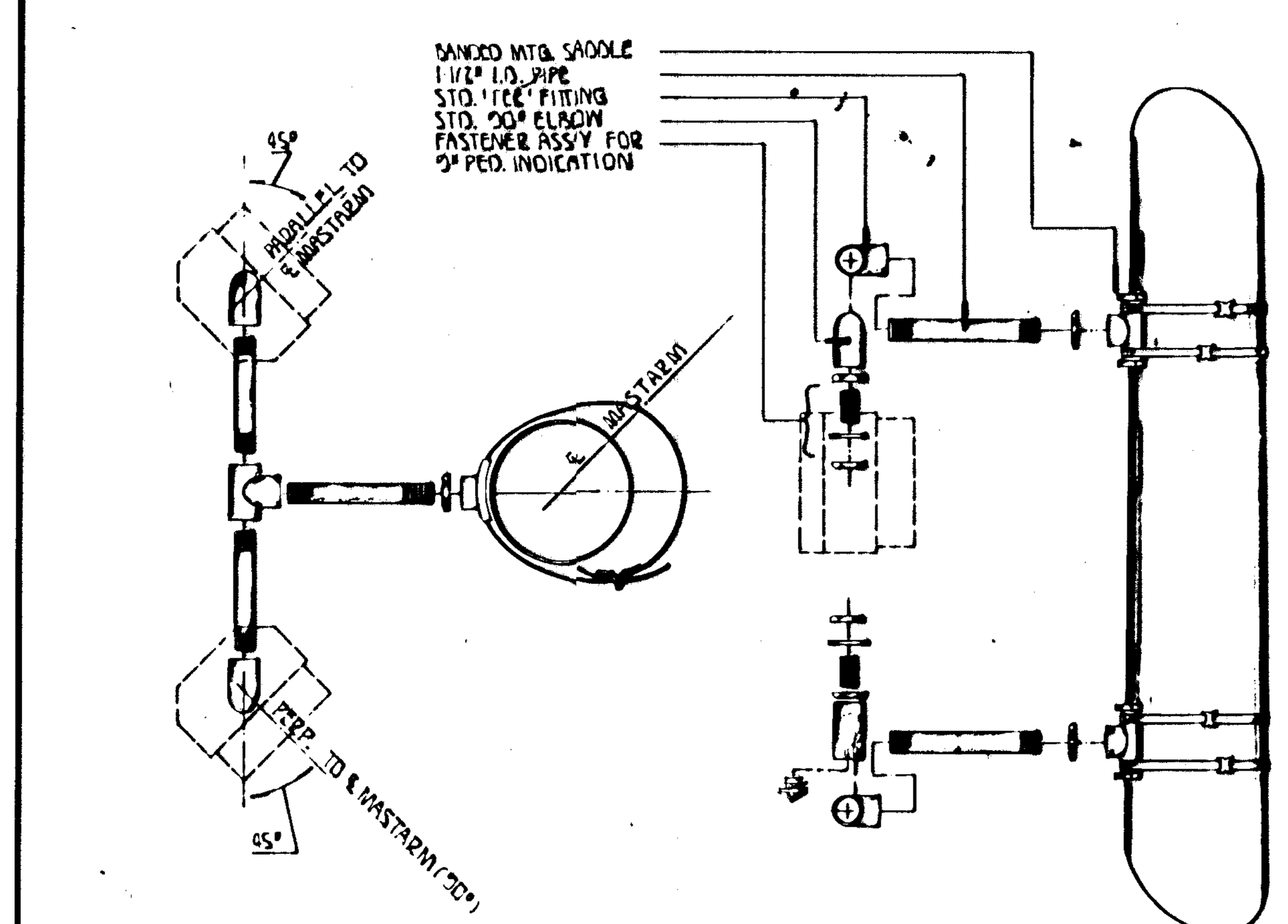


POLE BASES SHOWN ARE FOR ASSEMBLY DETAILS ONLY. OPTIONAL BASES THAT MAY BE PURCHASED MAY VARY IN ACTUAL APPEARANCE WITH MFG. CO.

POLE BASE ASSEMBLY DETAIL (ALTERNATE)



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



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.

REV. DATE	COMMENTS	INIT.
SEPT 83	MINOR REVISIONS TO VARIOUS FOR CLARIFICATION	[illegible]
SEPT 83	REV. BASE DEPTH FROM 10x36" TO 12x36"	[illegible]
DEC 83	MODIFY [illegible] GROUND WIRE TO SIGNAL BASE	[illegible]
	DETAIL W/ NOTE.	[illegible]
JAN 86	CHANGE BRACKETS TO [illegible] · ADD [illegible] NOTE	[illegible]
FEB 86	CHANGE PED PUSHBUTTON TO SINGLE UNIT	JD
	ADD 10" MAX BET. [illegible] SIGNAL & R10-12	[illegible]
SEP '88	CLARIFY NOTES, REDO RAKE NOTES	JD
FEB '89	CHANGE 9/16" REBAR TO #4" (1/2)	JD
MAY '89	ADD PED PUSHBUTTON NOTE & DEC 89	JD

REV. DATE	COMMENTS	INIT.
DEC '90	Revised Ground Rod	JKB

PROJECT DESCRIPTION

STEEL SIGNAL POLE ASSEMBLY DETAILS

PROJECT NUMBER

BOOK NO.	APPROVED BY	DATE AUG. 83
DRAWN BY SEAL		REVISED

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF TRAFFIC ENGINEERING
WM. G. McKINLEY, TRAFFIC ENGINEER

SCALE

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