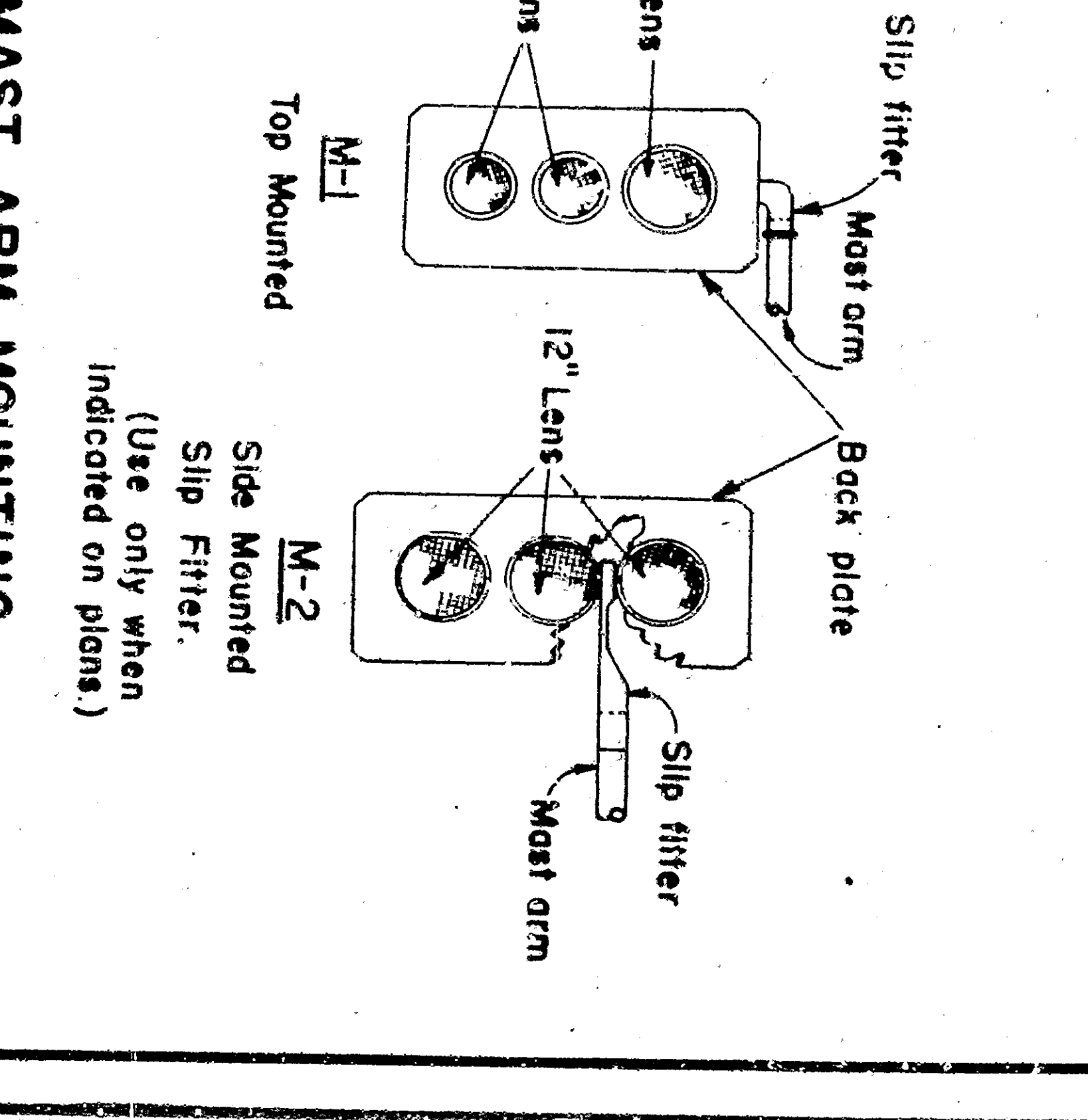
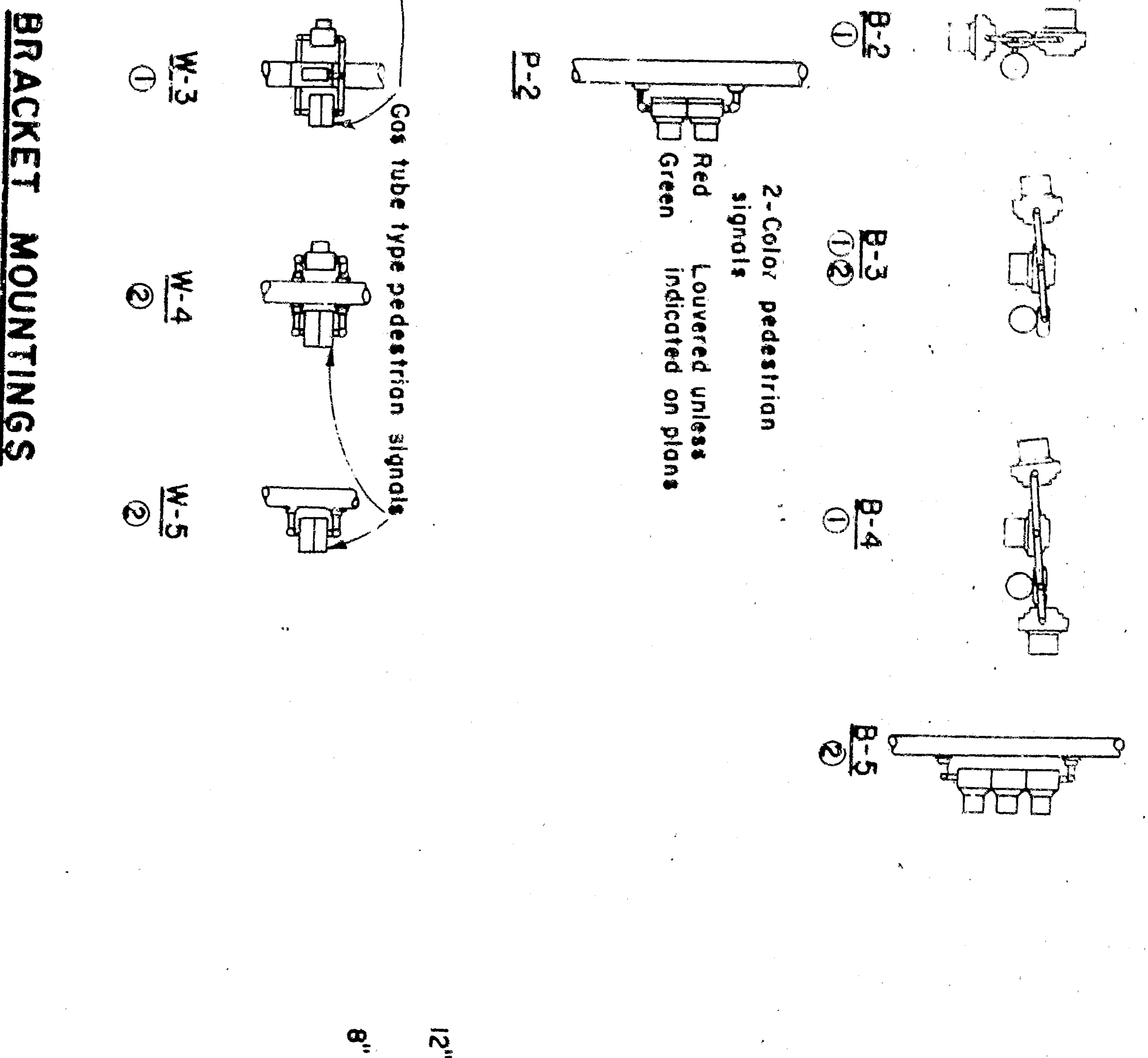


CITY	STATE	FEDERAL PROJECT NO.	DATE	SCALE

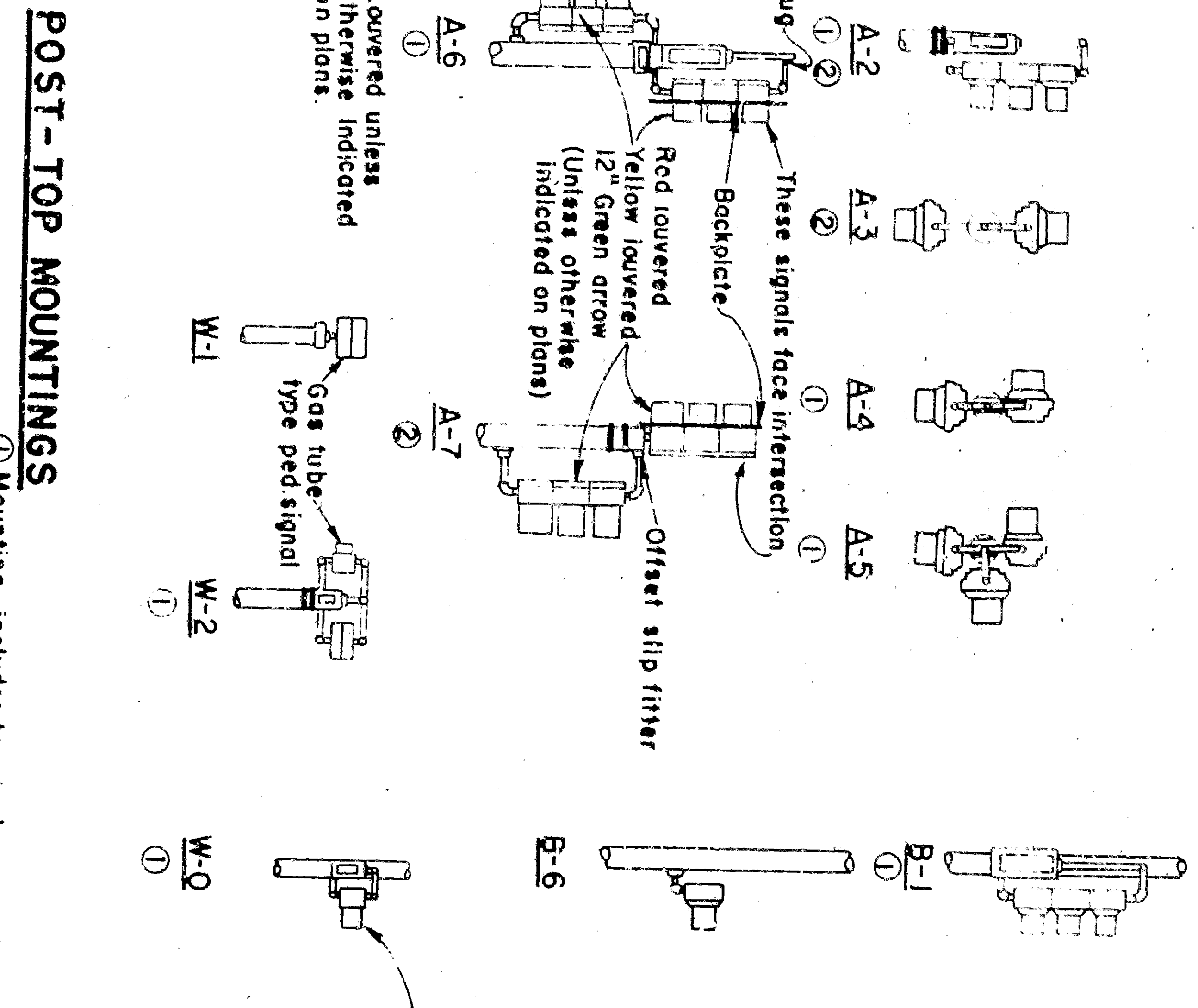
APPROVED _____
 TRAFFIC ENGINEER/CIVIL ENGINEER LICENSE NO. 5429
 TO ACCOMPANY PLANS DATED _____



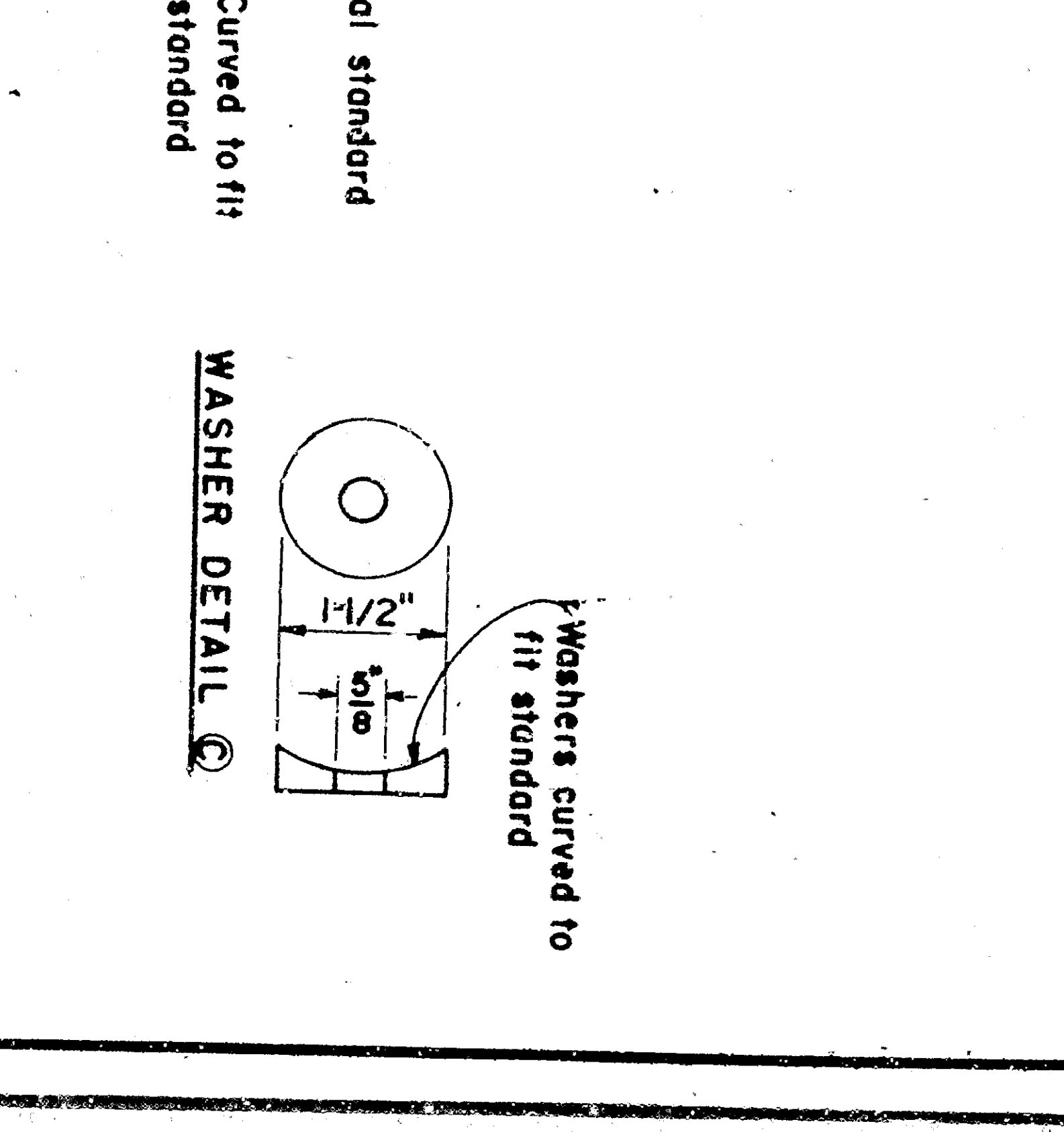
MAST ARM MOUNTING
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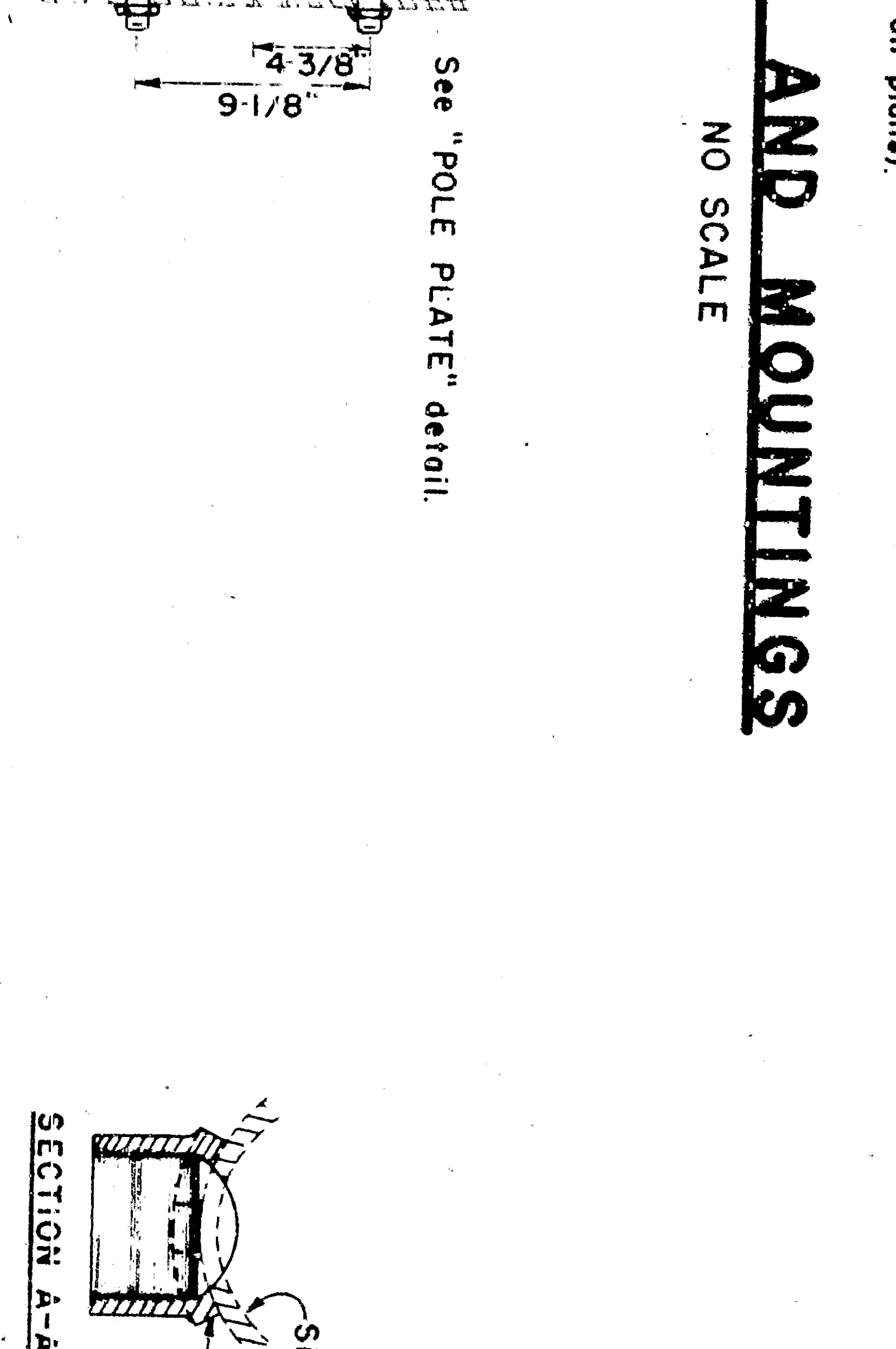
BRACKET MOUNTINGS
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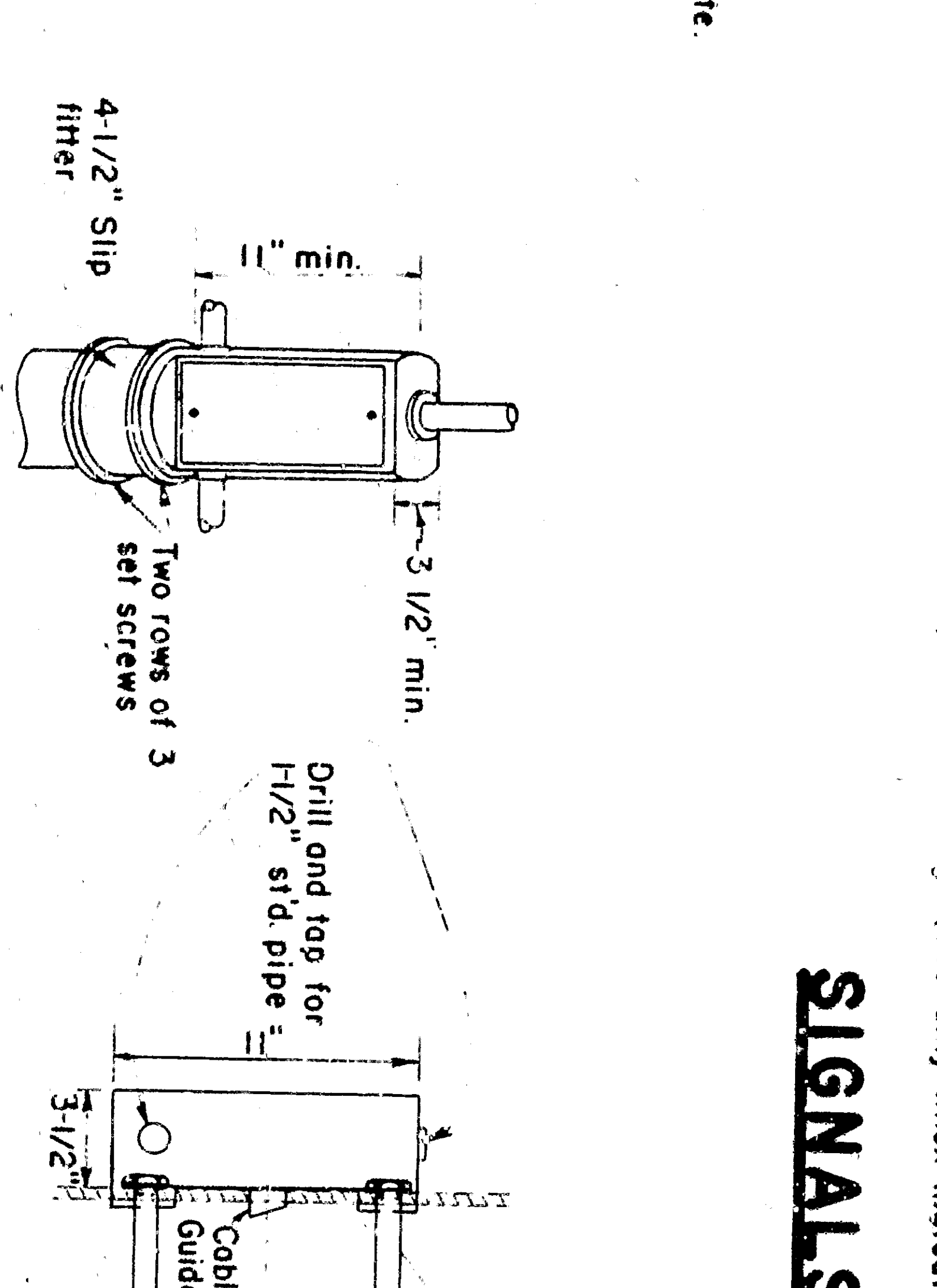
POST-TOP MOUNTINGS
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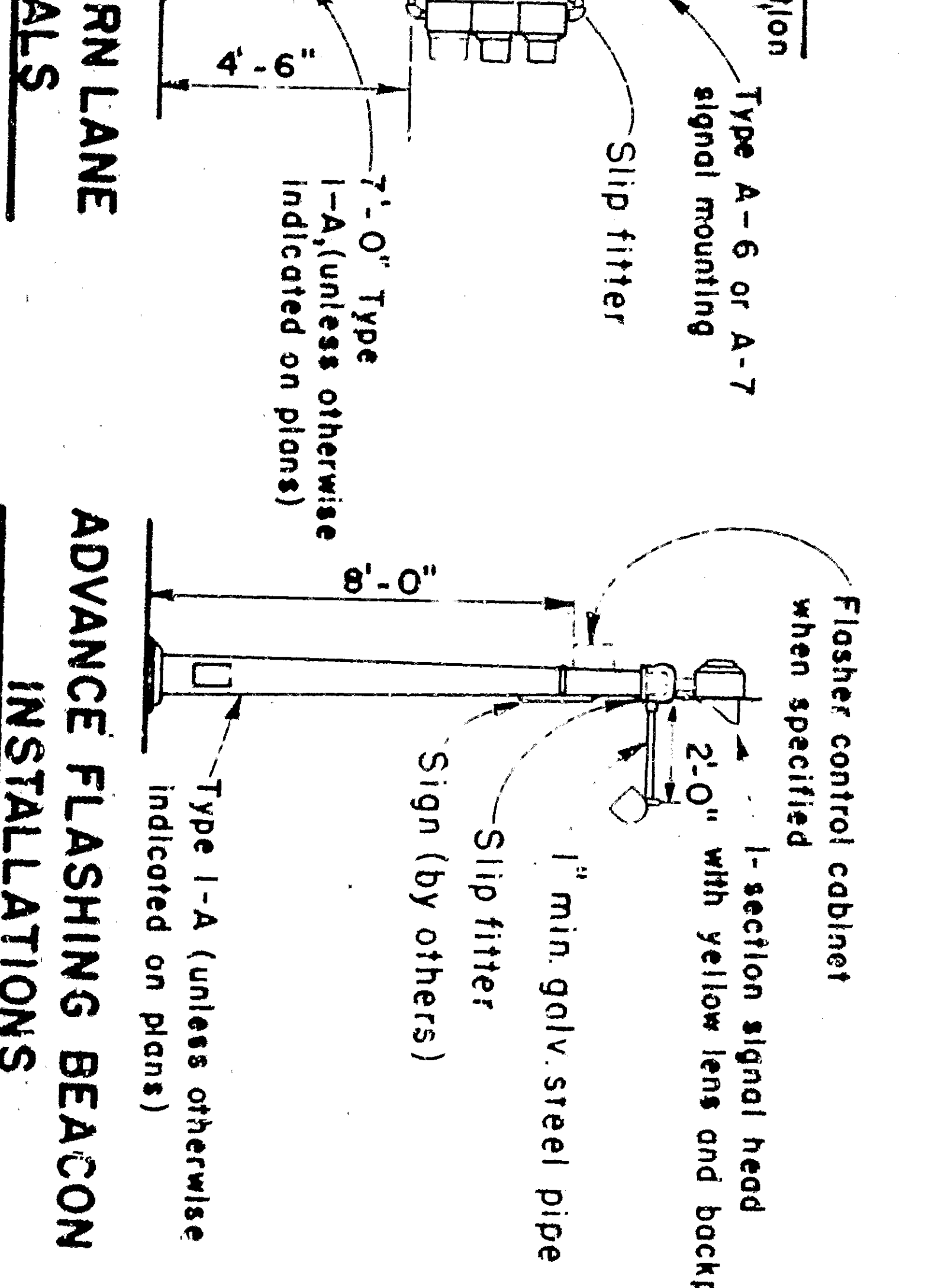
SIGNALS AND MOUNTINGS
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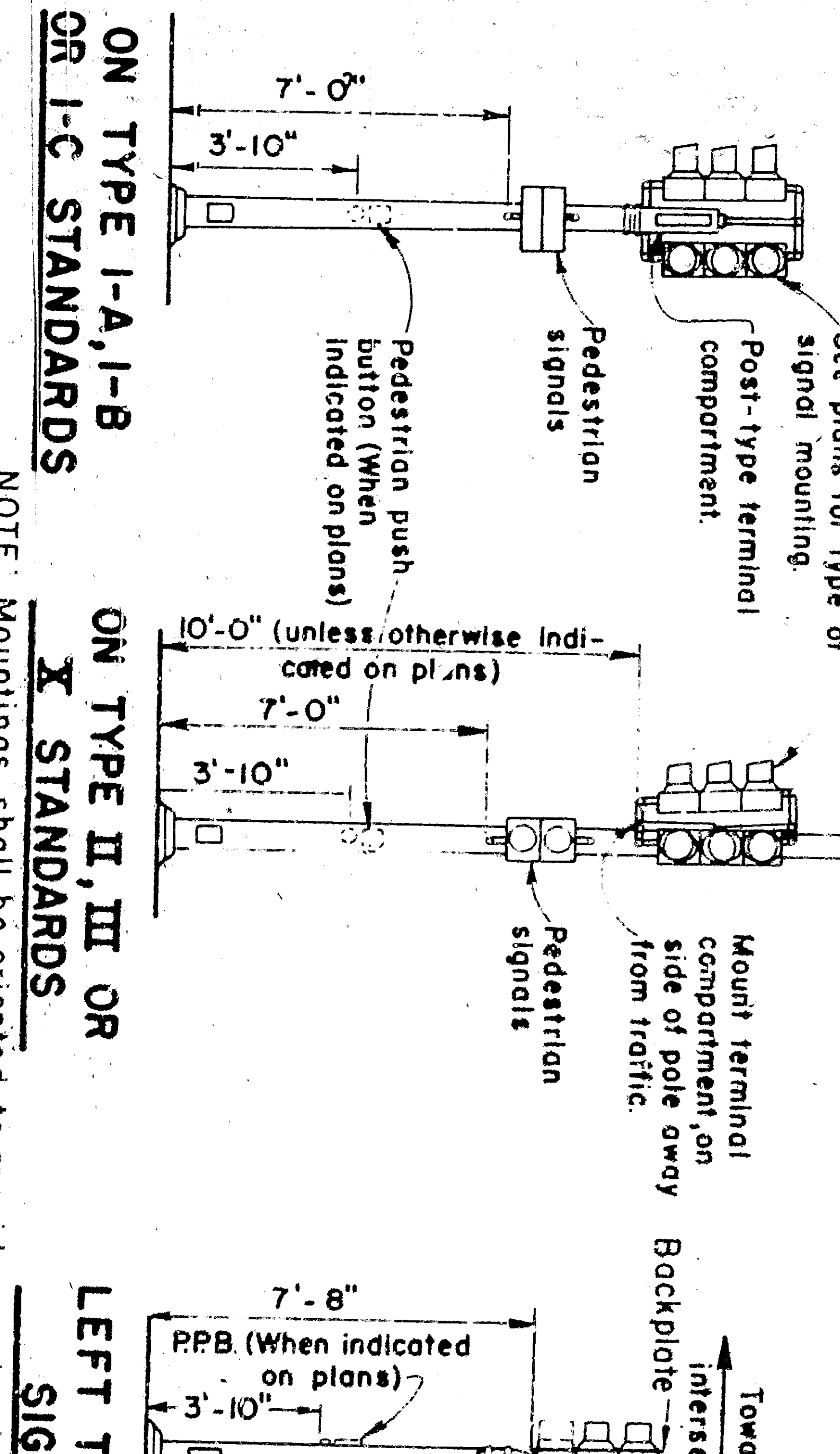
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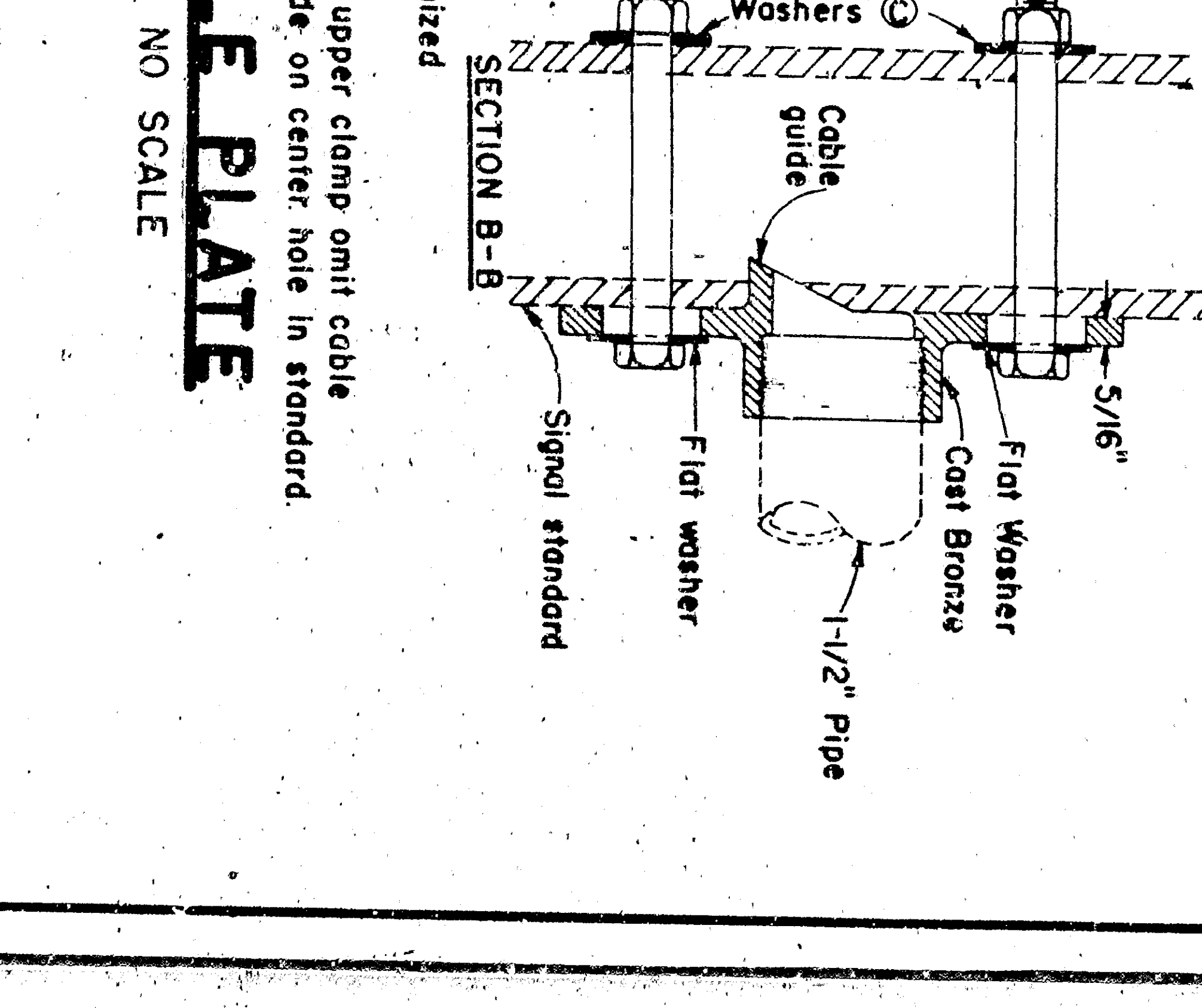
POST-TOP MOUNTING
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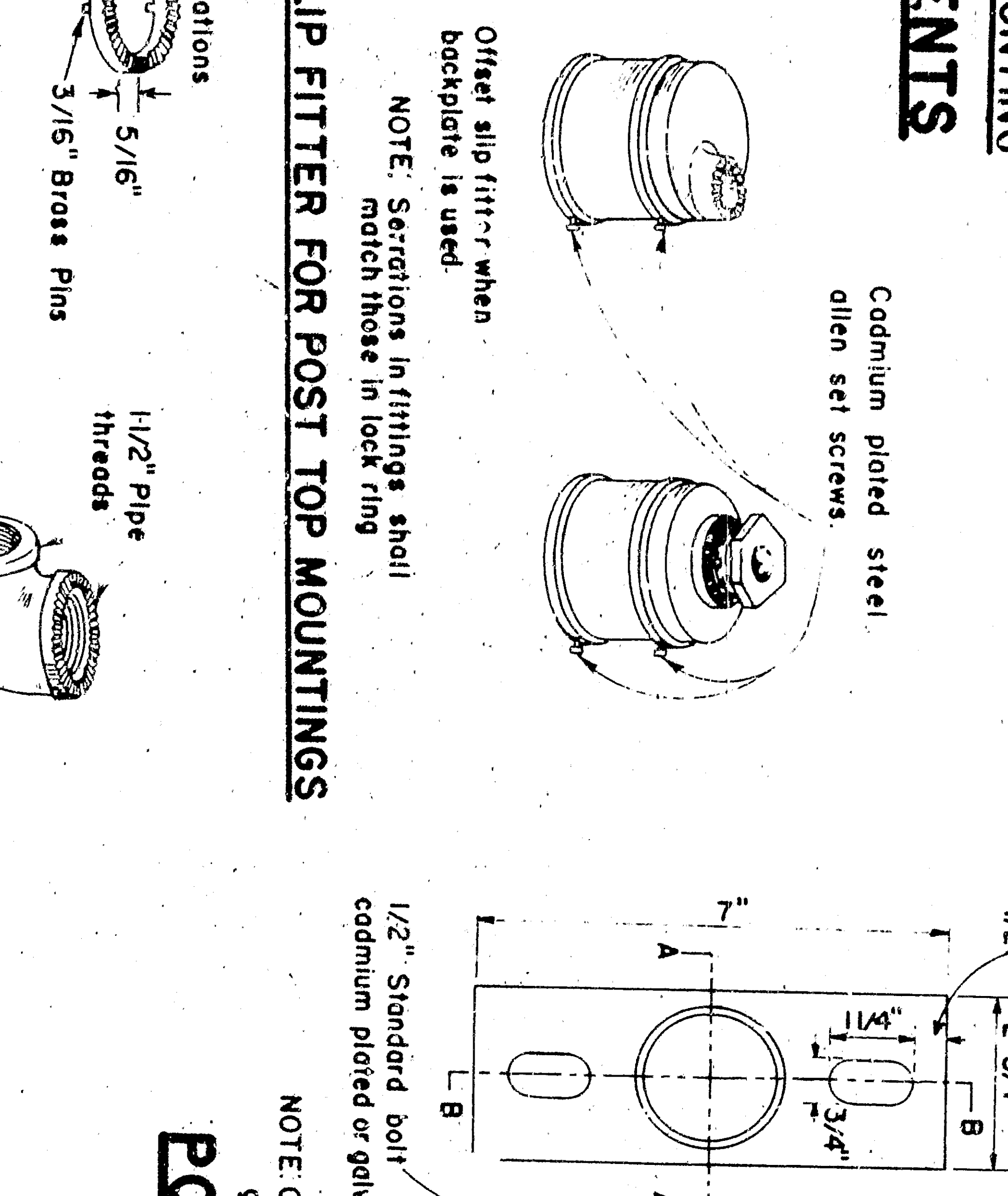
TERMINAL COMPARTMENTS
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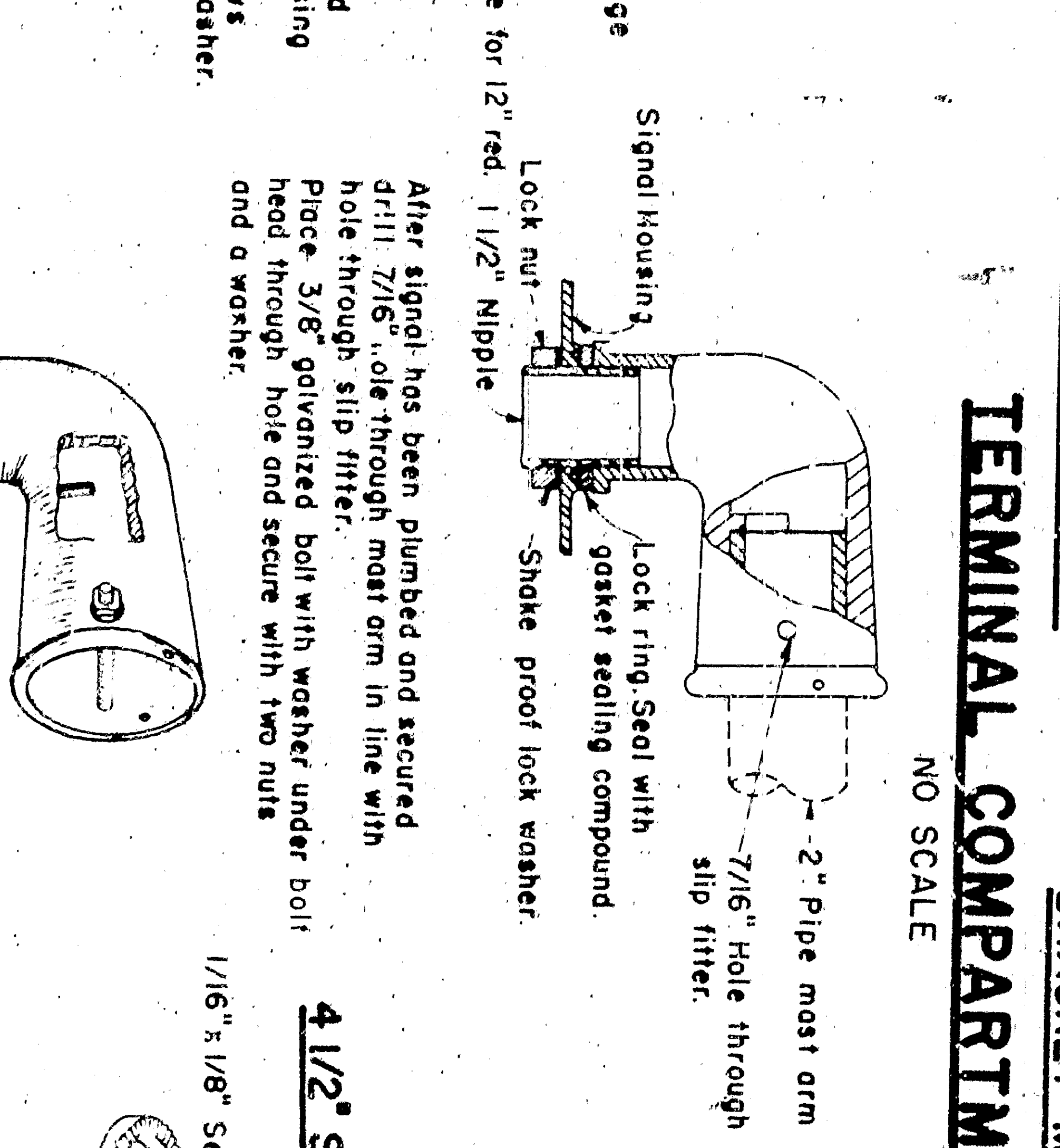
SIGNALS AND MOUNTINGS
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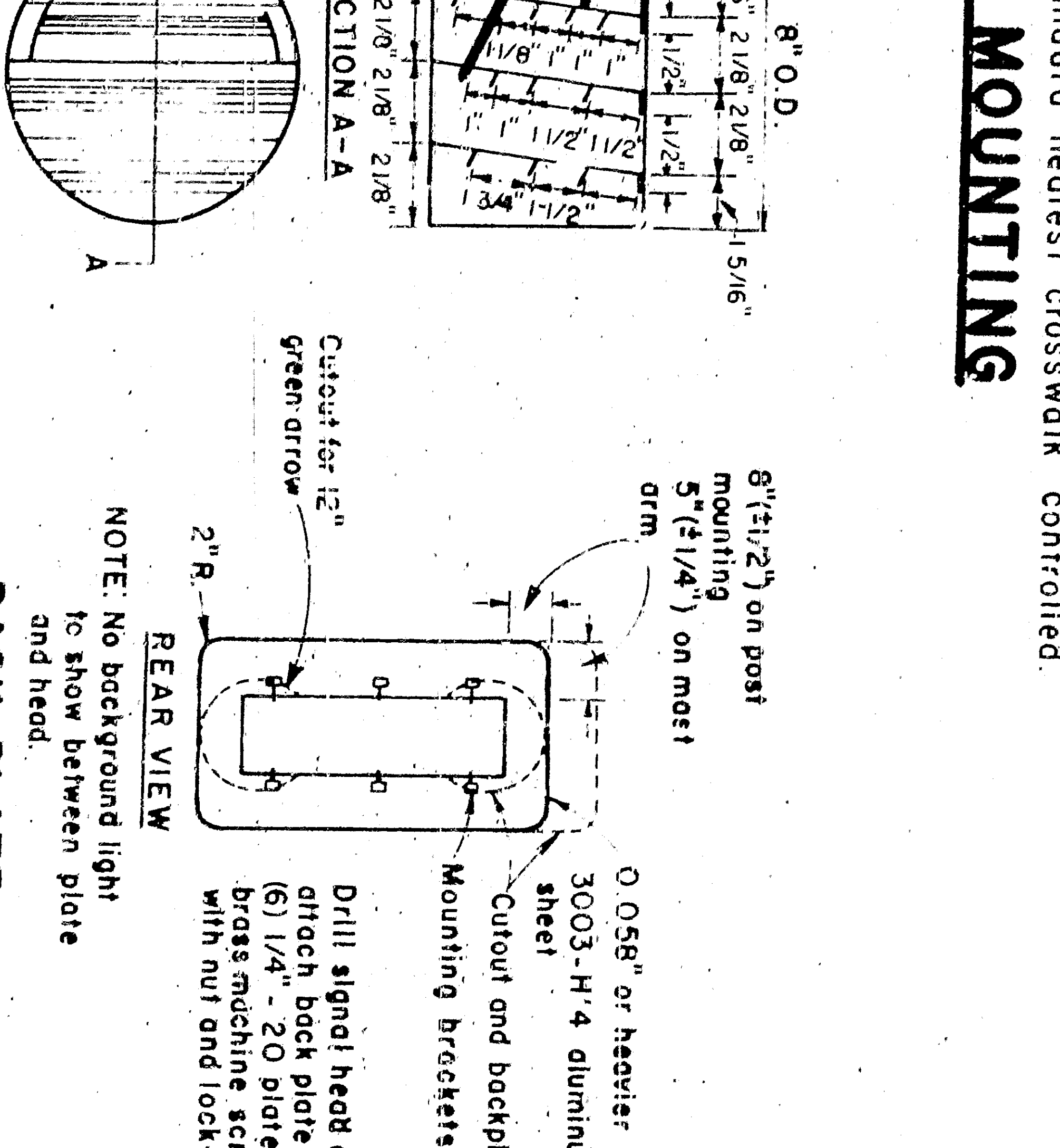
TYPICAL EQUIPMENT MOUNTING
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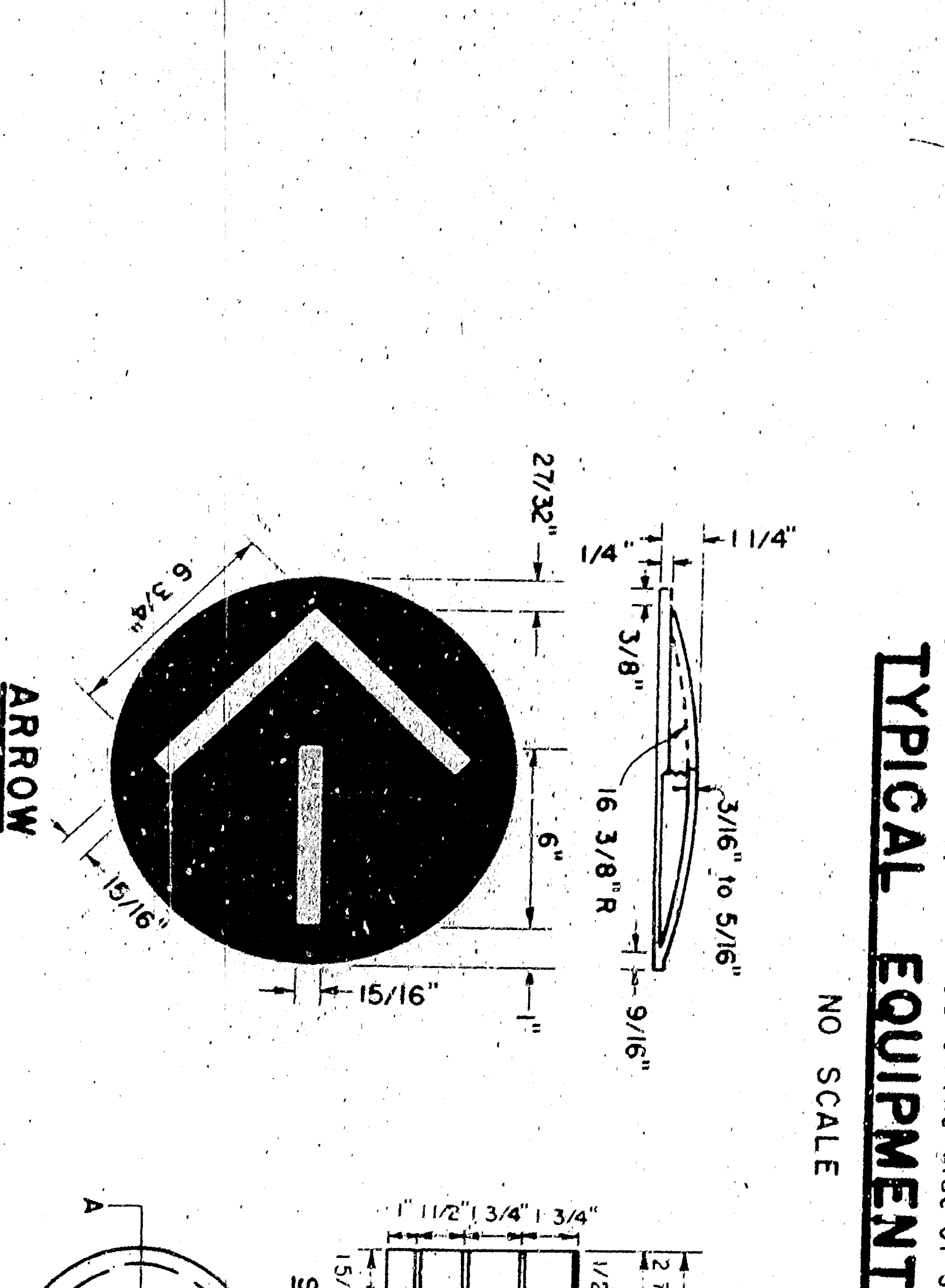
LEFT TURN LANE SIGNALS
 NO SCALE



ADVANCE FLASHING BEACON INSTALLATIONS
 NO SCALE



ARROW
 NO SCALE



DIRECTIONAL LOUVER
 NO SCALE

STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
 STANDARD DETAILS NO. 2-B
 TRAFFIC SIGNAL AND HIGHWAY LIGHTING INSTALLATIONS
 Not To Scale
 Revised 11-62
 DRAWING NO. E-
 ES-2B-1

NO SCALE

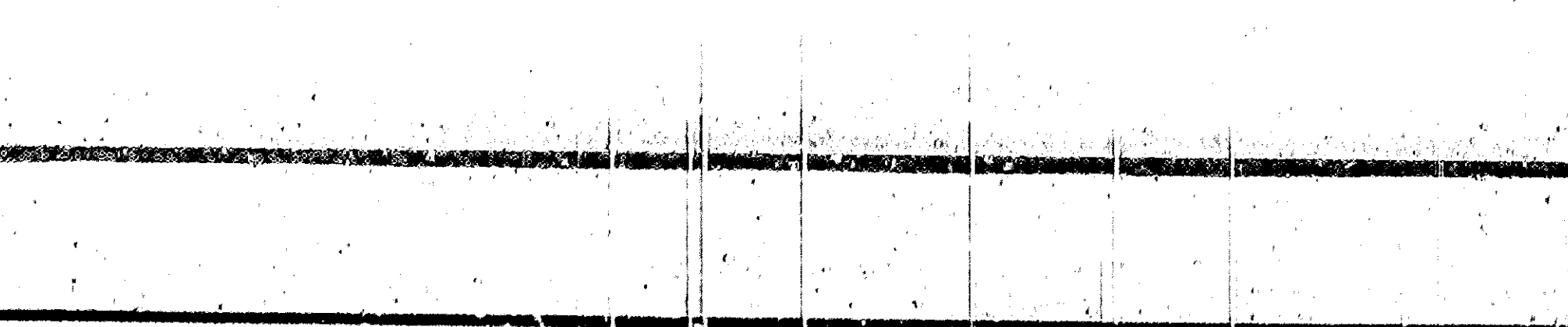
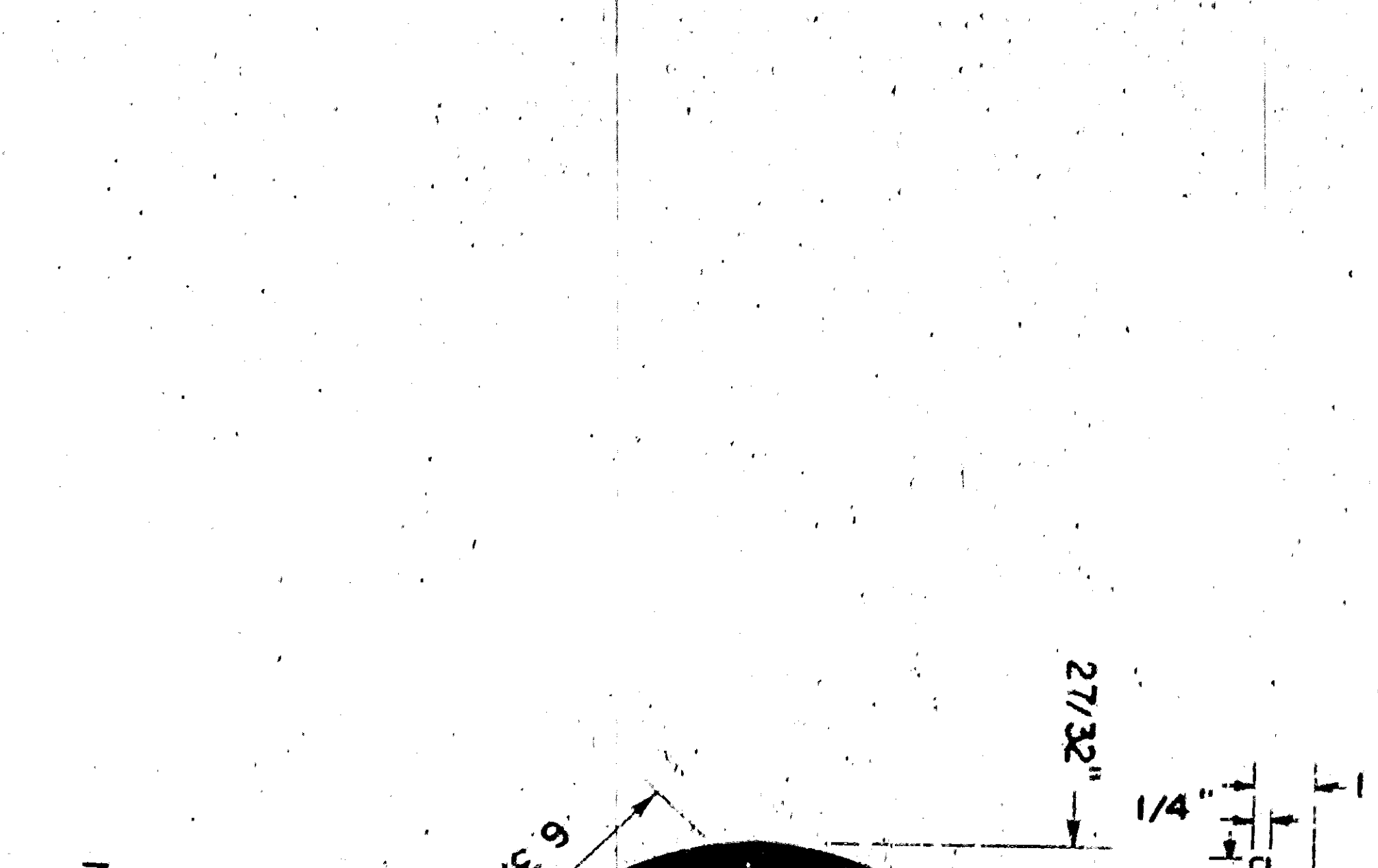
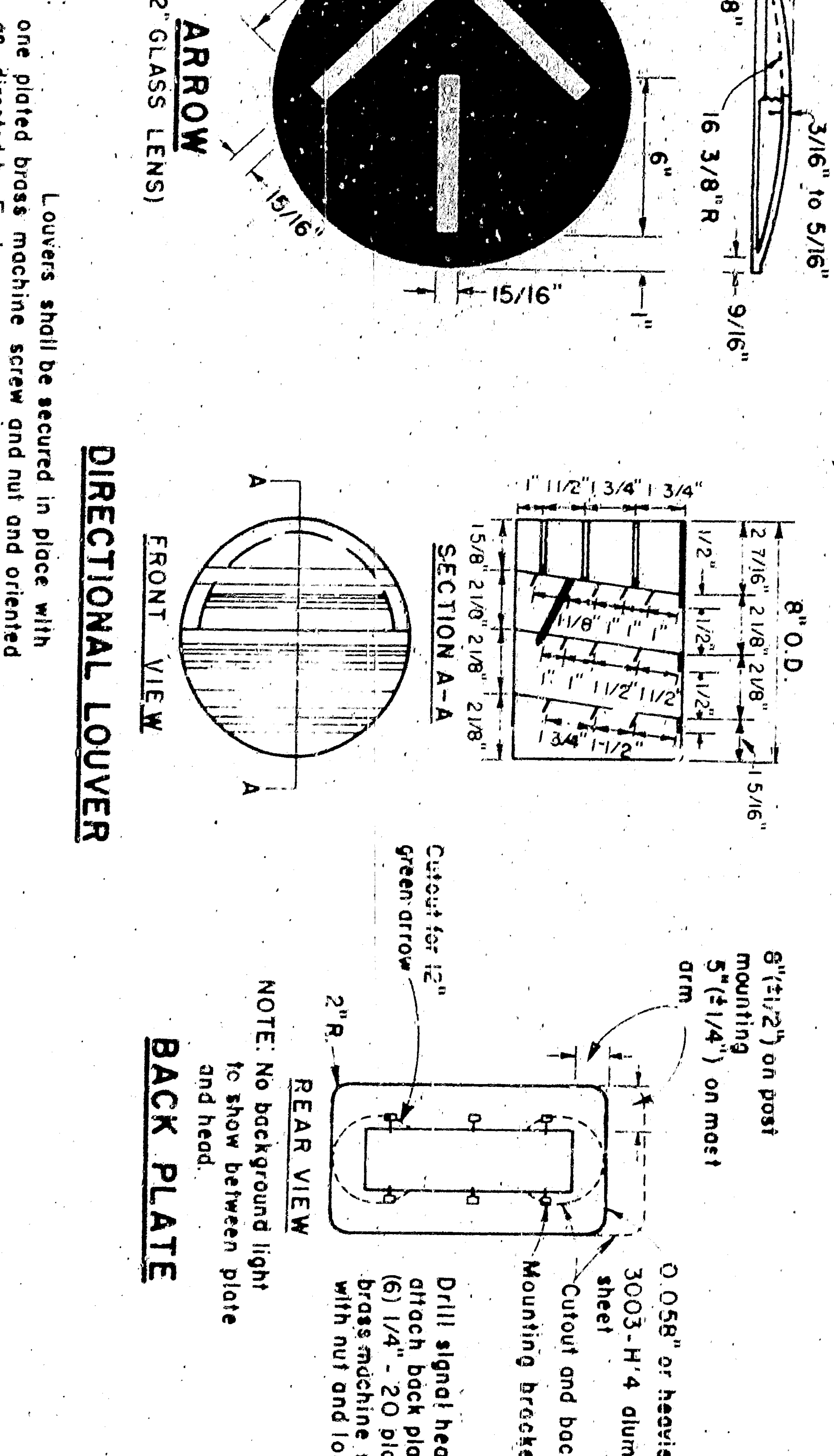
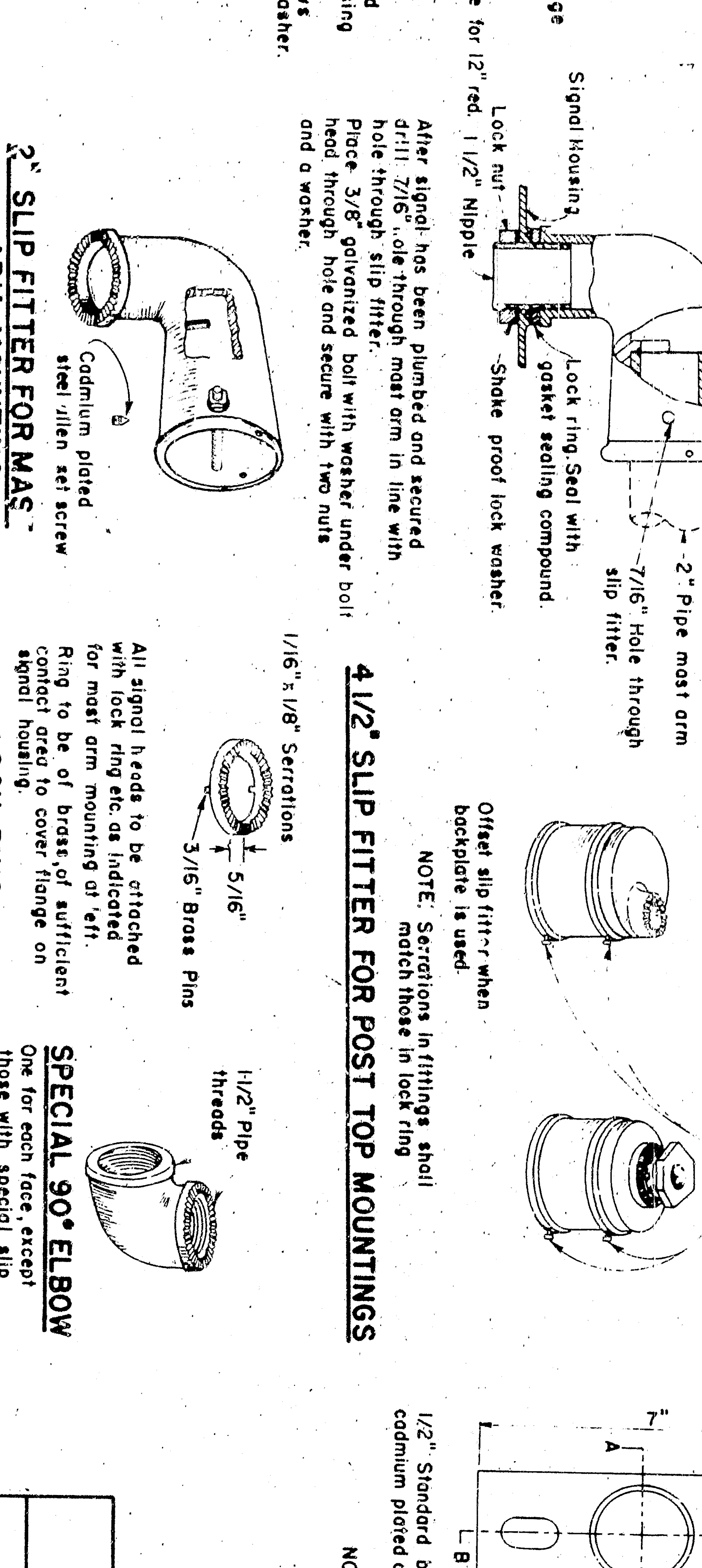
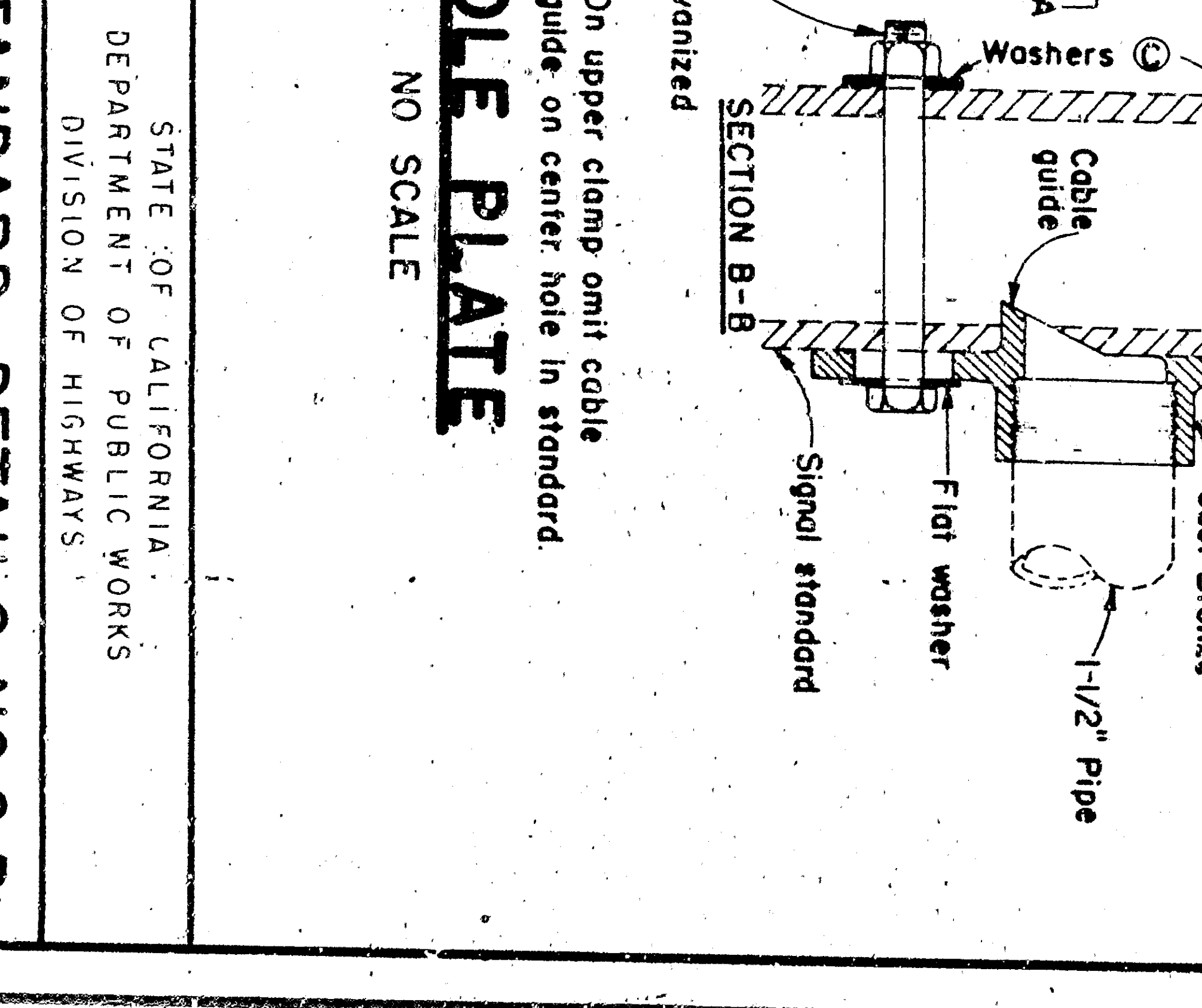
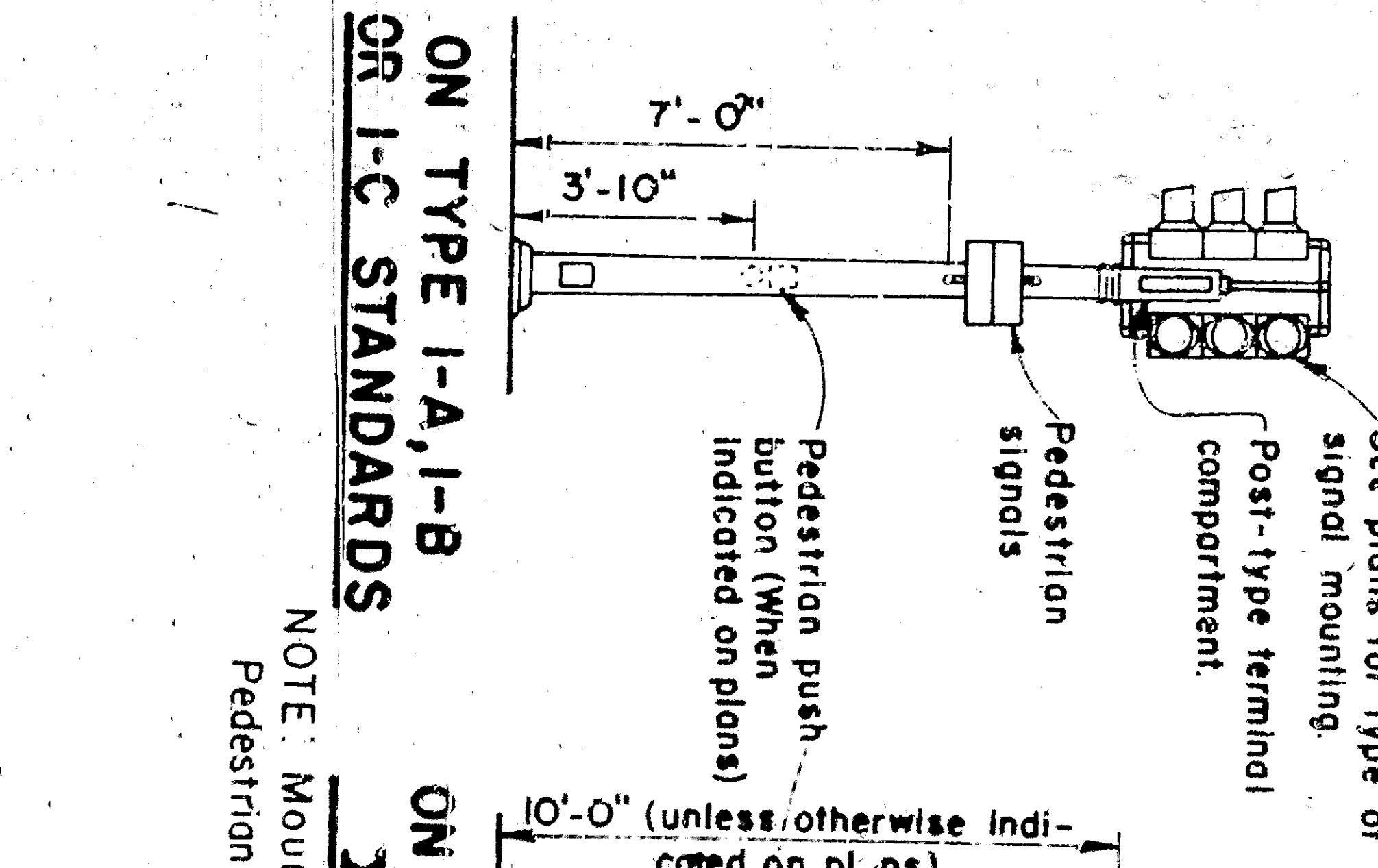
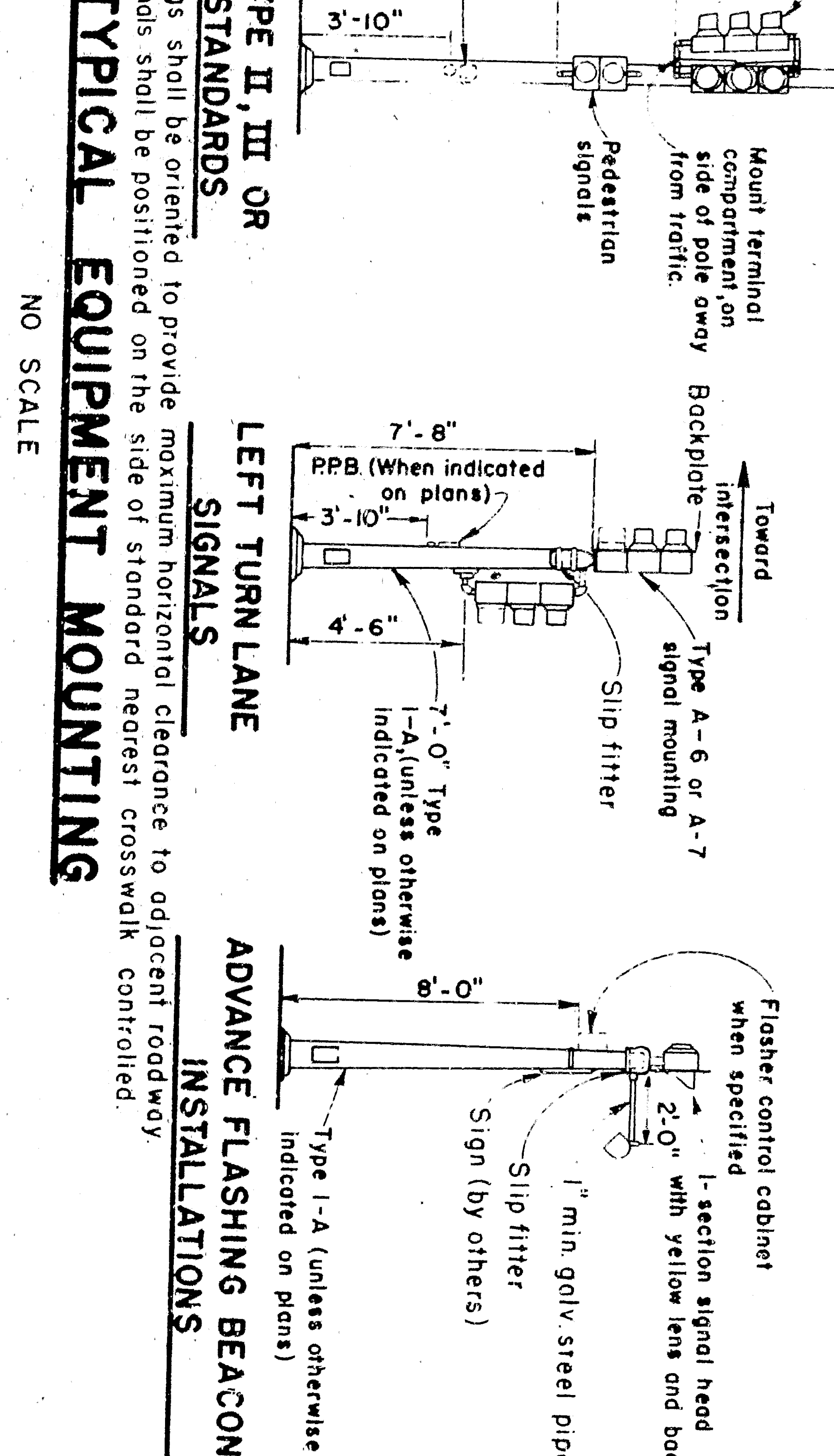
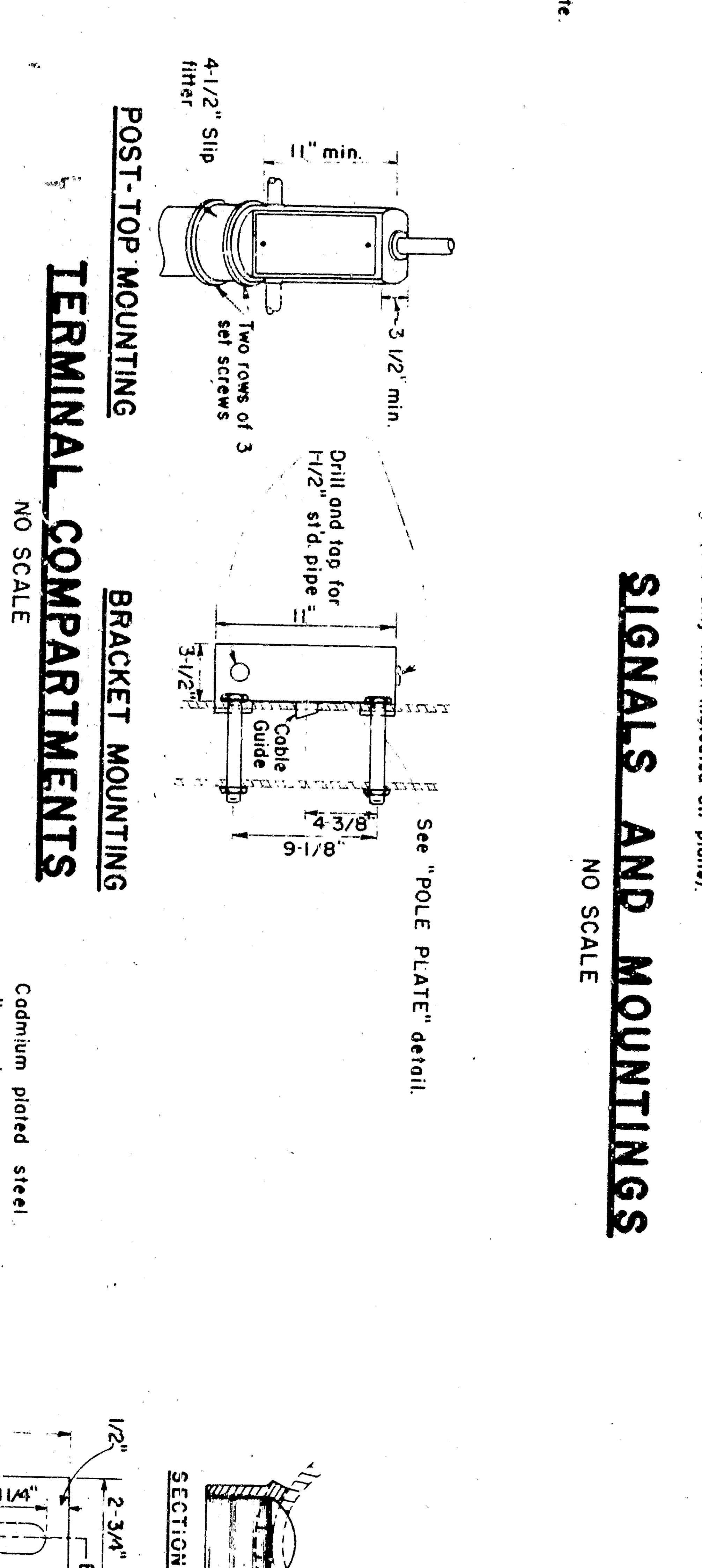
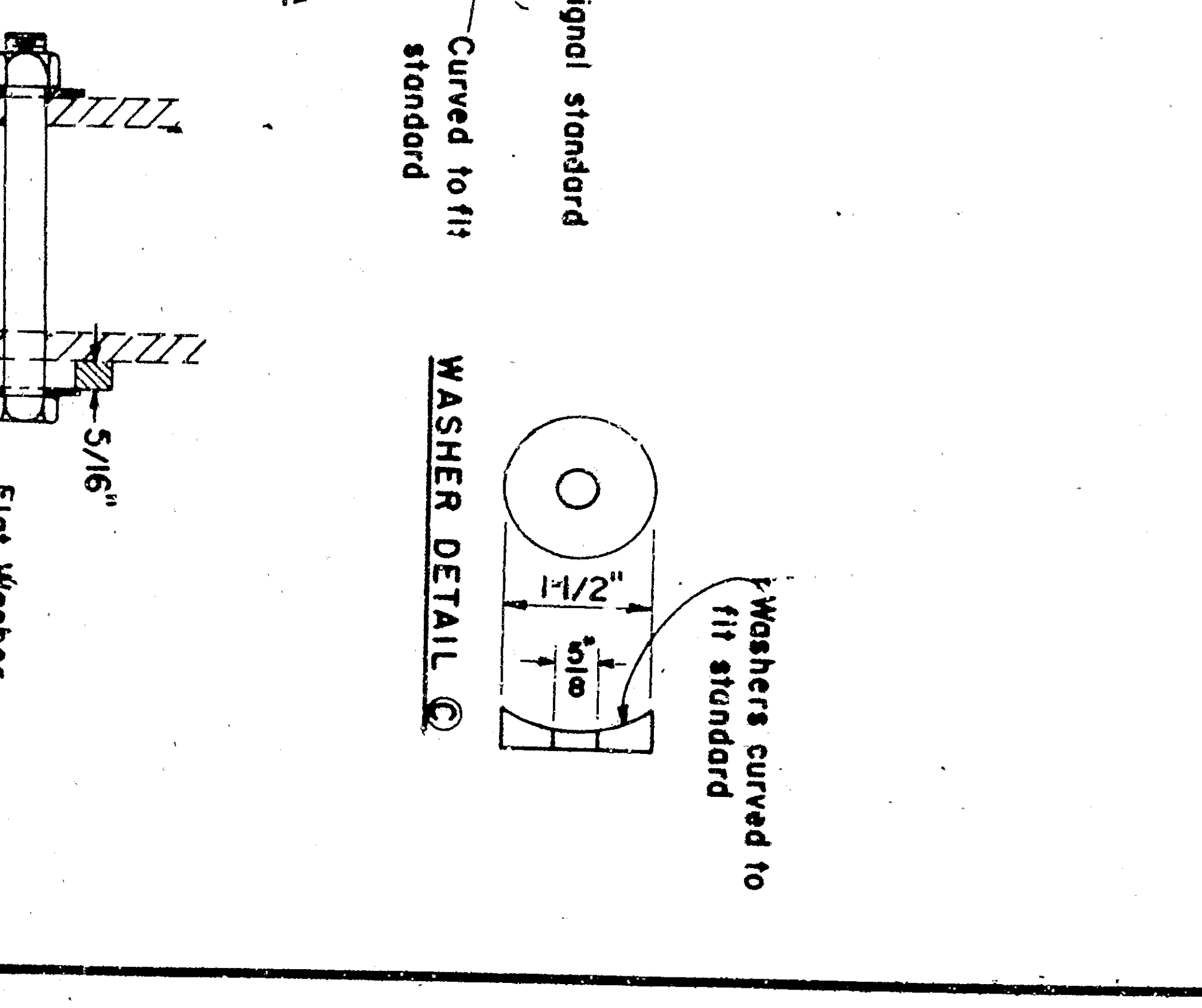
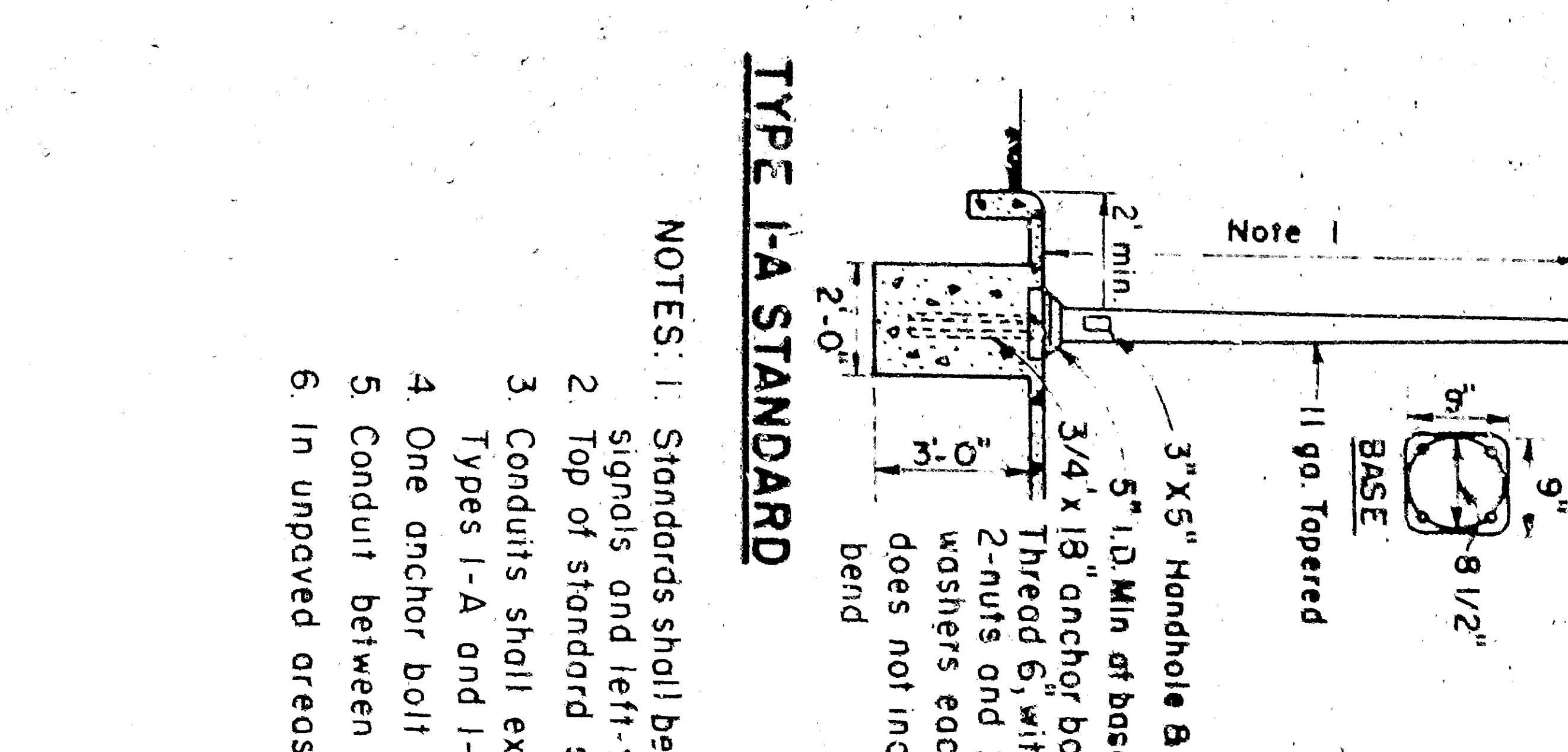
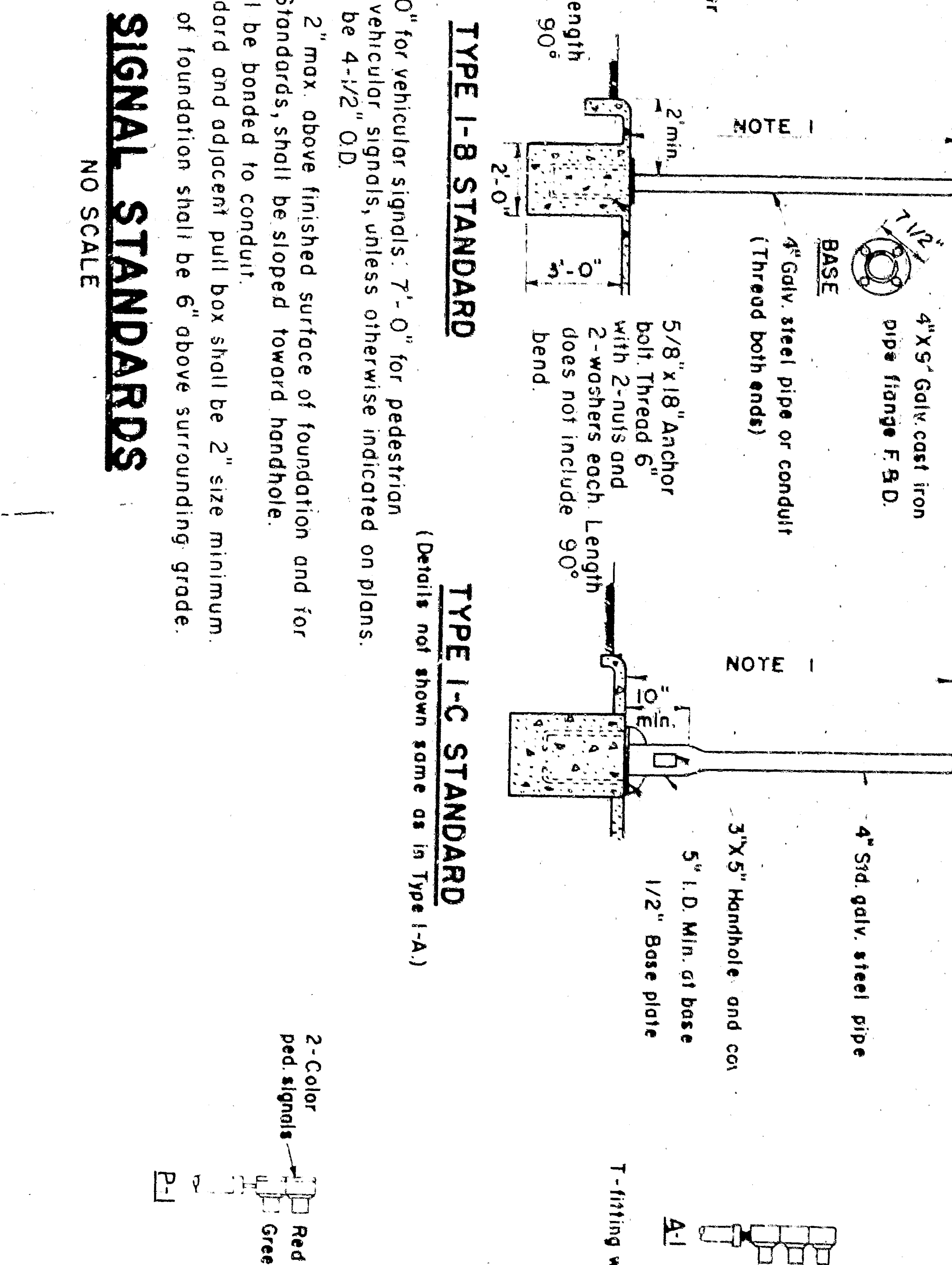
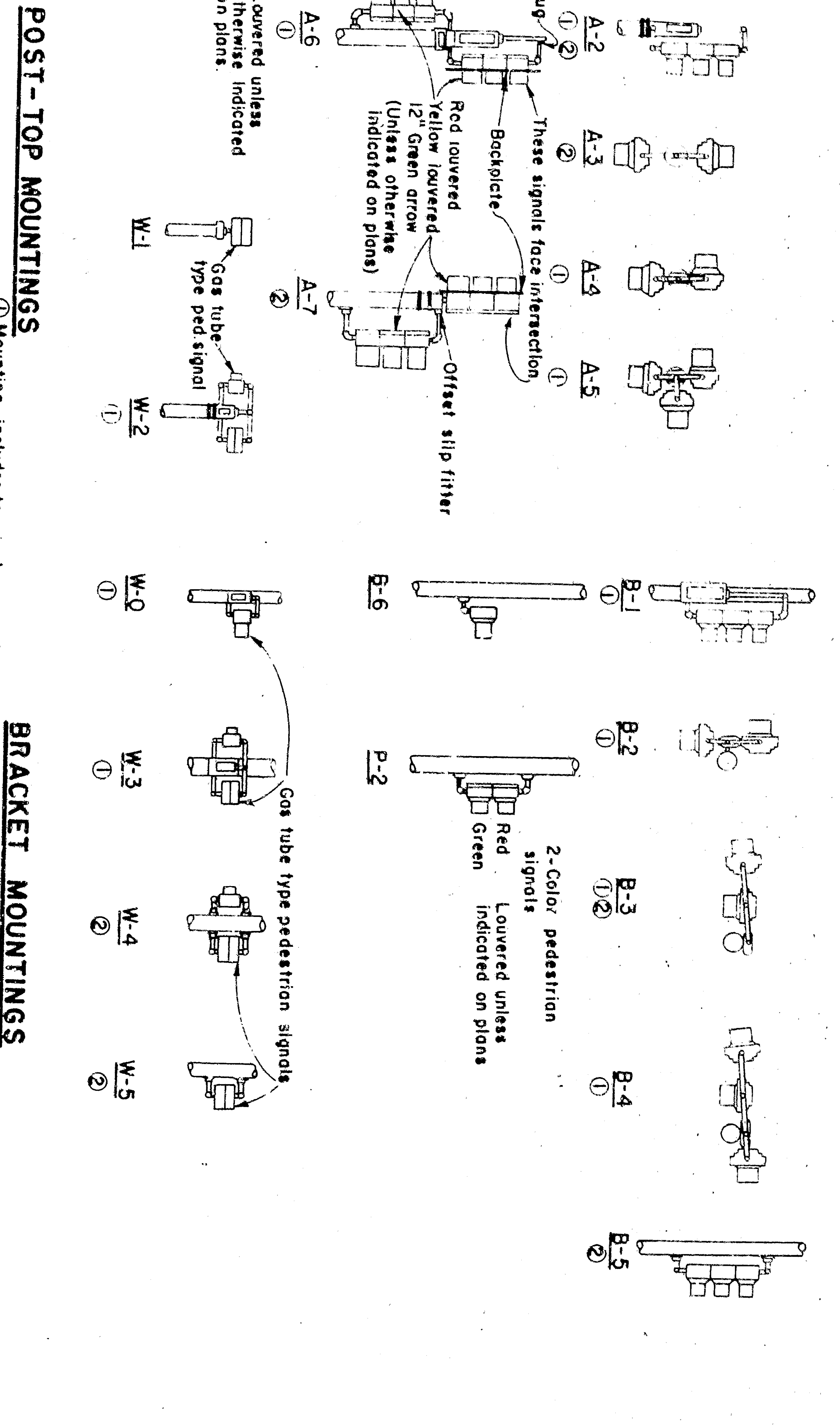
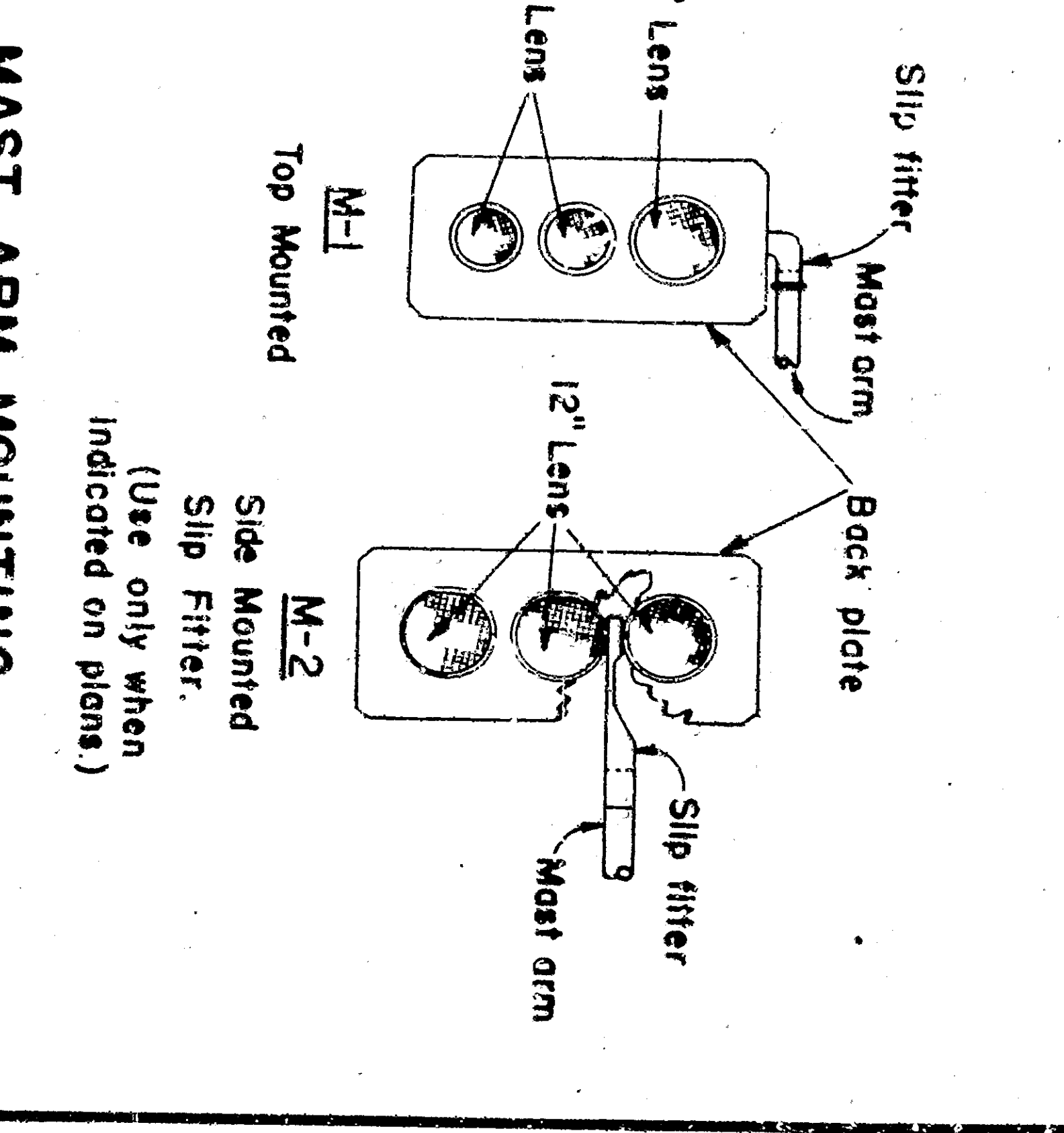
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APPROVED

 TRAFFIC ENGINEER/CIVIL ENGINEER LICENSE NO. 5429
 TO ACCOMPANY PLANS DATED _____



ON TYPE I-A, I-B OR I-C STANDARDS
 See plans for type of signal mounting
 Post-type terminal compartment
 Pedestrian signals
 Pedestrian push button when indicated on plans

ON TYPE II, III OR X STANDARDS
 Mount terminal compartment on side of pole away from traffic
 Backplate
 Intersection
 Toward
 Type A-6 or A-7 signal mounting
 Slip filter
 7'-0" Type I-A (unless otherwise indicated on plans)

LEFT TURN LANE SIGNALS
 PPB (When indicated on plans)
 3'-10" (unless otherwise indicated on plans)
 7'-0" (unless otherwise indicated on plans)

ADVANCE FLASHING BEACON INSTALLATIONS
 Flasher control cabinet when specified
 1-section signal head with yellow lens and backplate
 1" min. galv. steel pipe
 Slip filter
 Sign (by others)
 Type I-A (unless otherwise indicated on plans)

TERMINAL COMPARTMENTS
 2" Pipe mast arm
 Lock nut
 Lock ring, Seal with gasket sealing compound.
 Slip filter.
 Shake proof lock washer.
 Signal housing.
 1/2" Nipple
 After signal has been plumbed and secured with nuts, use through mast arm in line with pipe. 3/8" nut and washer under bolt head through hole and secure with two nuts and a washer.

BRACKET MOUNTING
 Cadmium plated steel often set screws
 Off set slip filter when desirable is used
 NOTE: Set screws in fittings shall match those in lock ring

4 1/2" SLIP FILTER FOR POST TOP MOUNTINGS
 NOTE: Set screws in fittings shall match those in lock ring

SLIP FILTER FOR MAST ARM MOUNTING
 All signal heads to be attached with lock ring etc as indicated for mast arm mounting of slip filter to be of brass, of sufficient length to cover change on slip filter housing.
 SPECIAL 90° ELBOW One for each face, except those with special slip filter mounting

LOCK RING
 1/16" x 1/8" serrations
 3/16" Brass pins
 1/2" Pipe threads

POLE PLATE
 NOTE: On upper clamp omit cable guide, on center, hole in standard.

WASHER DETAIL
 Washers curved to fit standard

NOTES:
 1. Standards shall be 10'-0" for vehicular signals; 7'-0" for pedestrian signals; and left-turn vehicular signals, unless otherwise indicated on plans.
 2. Top of standard shall be 4-1/2" O.D.
 3. Conduits shall extend 2" max. above finished surface of foundation and for Types I-A and I-C. Standards shall be stopped toward handhole.
 4. One anchor bolt shall be bonded to conduit.
 5. Conduit between standard and adjacent pull box shall be 2" size minimum.
 6. In unpaved areas top of foundation shall be 6" above surrounding grade.

TYPE I-A STANDARD
 Note
 1-1/2" Topored
 BASE
 3" x 5" Handhole & Cover
 5" I.D. Min. of base
 3/4" x 1/8" Conduits
 2-nuts and 2-washers each. Length does not include 90° bend
 2'-0"

TYPE I-B STANDARD
 NOTE I
 BASE
 4" Galv. steel pipe or conduit (Thread both ends)
 4" x 5" Galv. cast iron pipe flange F.A.D.
 5/8" x 18" Anchor bolt Thread 6" with 2-nuts and 2-washers each. Length does not include 90° bend
 2'-0"

TYPE I-C STANDARD
 (Details not shown same as in Type I-A)
 NOTE I
 4" Std. galv. steel pipe
 3" x 5" Handhole and cover
 5" I.D. Min. of base
 1/2" Base plate

NOTE:
 Layers shall be secured in place with one plated hex cap screw and nut and oriented as directed by Engineer.

SIGNAL HEAD ACCESSORIES
 NO SCALE

STANDARD DETAILS NO. 2-B
 TRAFFIC SIGNAL AND HIGHWAY LIGHTING INSTALLATIONS

STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS

Not To Scale
 Revised 11-62
 DRAWING NO. E- ES-2B-1