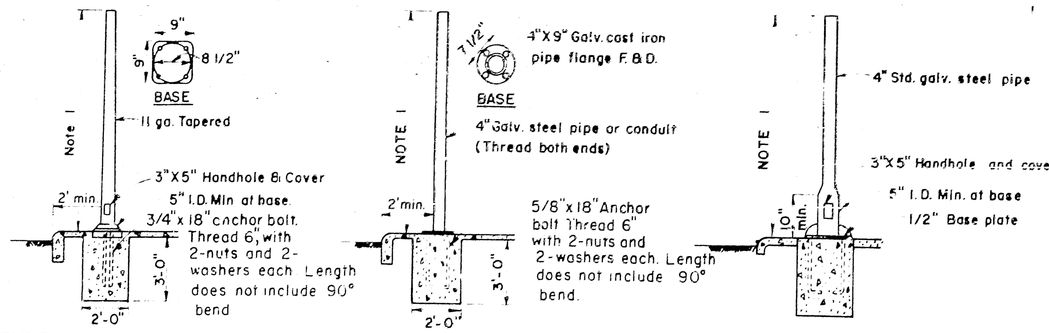
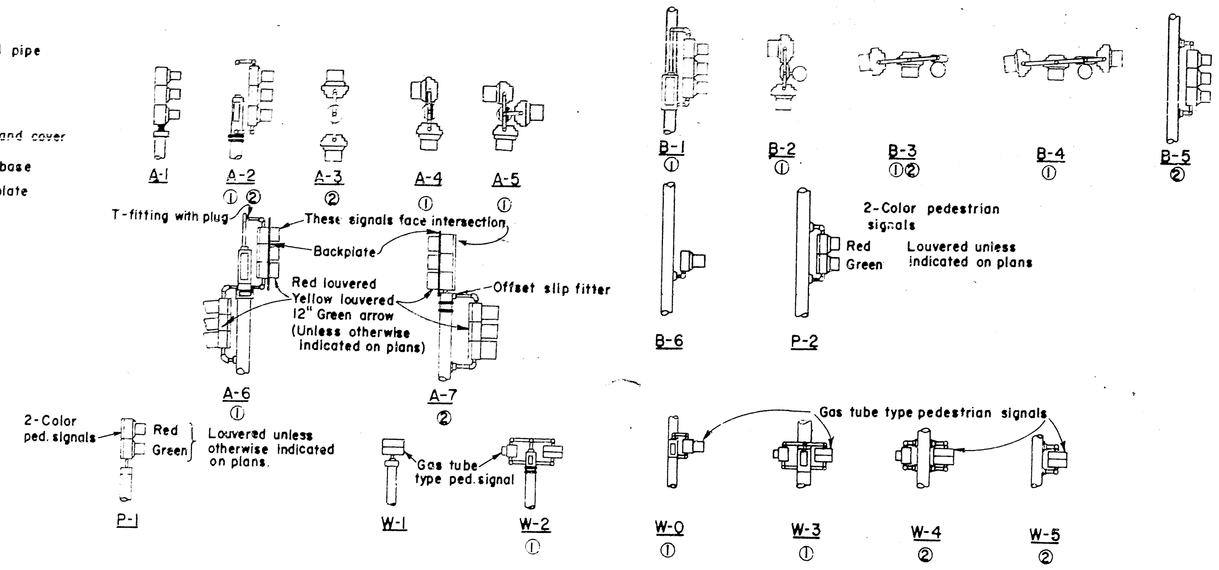


TYPE I-A STANDARD **TYPE I-B STANDARD** **TYPE I-C STANDARD**
(Details not shown same as in Type I-A.)

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 sloped 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.

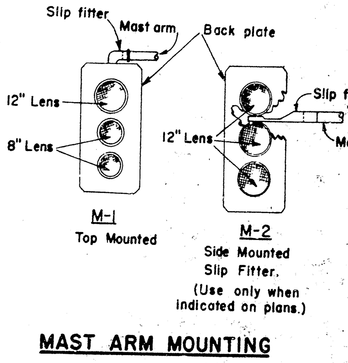
SIGNAL STANDARDS
NO SCALE



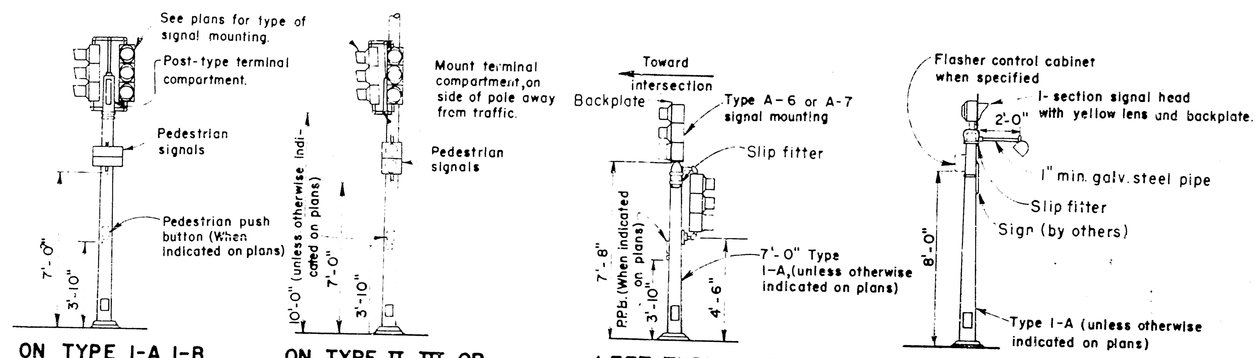
POST-TOP MOUNTINGS **BRACKET MOUNTINGS**

① Mounting includes terminal compartment.
② Special mountings (Use only when indicated on plans).

SIGNALS AND MOUNTINGS
NO SCALE



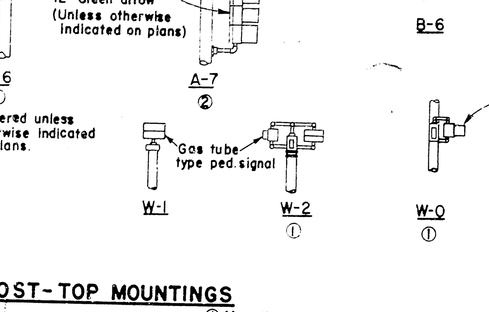
MAST ARM MOUNTING



ON TYPE I-A, I-B OR I-C STANDARDS **ON TYPE II, III OR X STANDARDS** **LEFT TURN LANE SIGNALS** **ADVANCE FLASHING BEACON INSTALLATIONS**

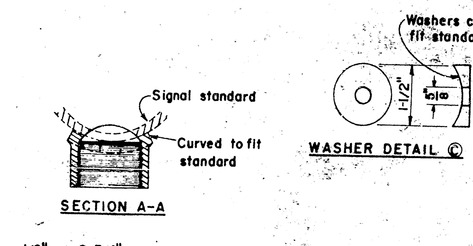
NOTE: Mountings shall be oriented to provide maximum horizontal clearance to adjacent roadway. Pedestrian signals shall be positioned on the side of standard nearest crosswalk controlled.

TYPICAL EQUIPMENT MOUNTING
NO SCALE



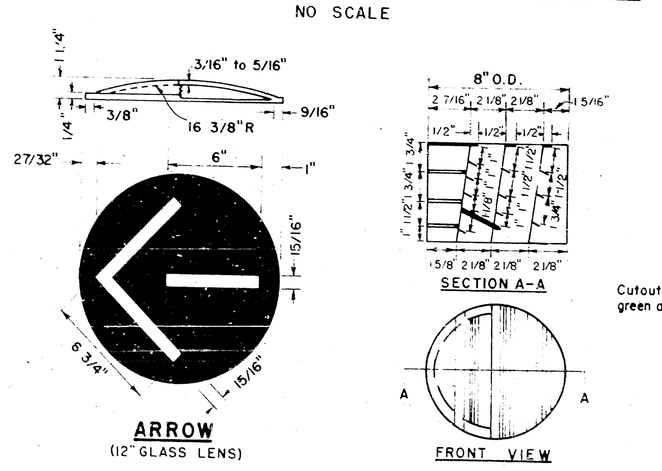
POST-TOP MOUNTING **BRACKET MOUNTING**

TERMINAL COMPARTMENTS
NO SCALE

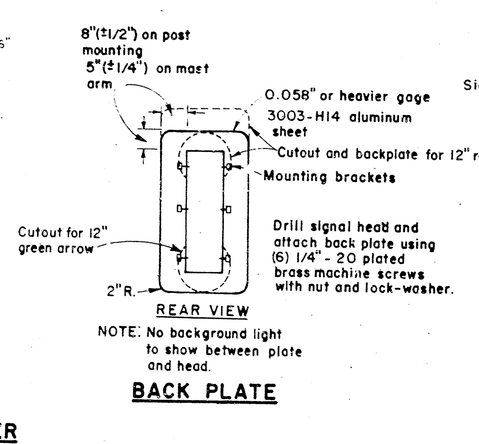


NOTE: On upper clamp omit cable guide on center hole in standard.

POLE PLATE
NO SCALE



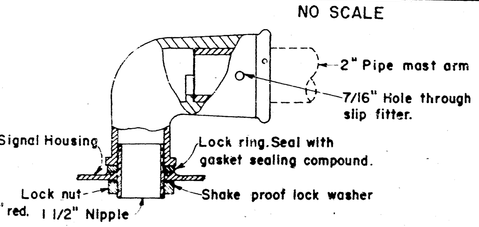
NOTE: Louvers shall be secured in place with one plated brass machine screw and nut and oriented as directed by Engineer.



NOTE: No background light to show between plate and head.

BACK PLATE

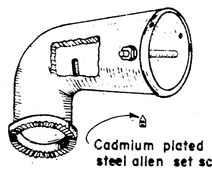
SIGNAL HEAD ACCESSORIES
NO SCALE



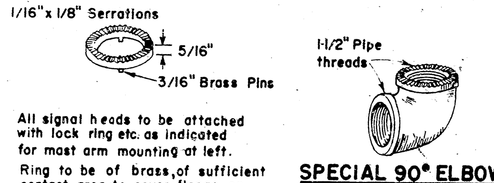
NOTE: Serrations in fittings shall match those in lock ring

After signal has been plumbed and secured drill 7/16" hole through mast arm in line with hole through slip fitter. Place 3/8" galvanized bolt with washer under bolt head through hole and secure with two nuts and a washer.

4 1/2" SLIP FITTER FOR POST TOP MOUNTINGS



2" SLIP FITTER FOR MAST ARM MOUNTING



All signal heads to be attached with lock ring etc. as indicated for mast arm mounting at left.
Ring to be of brass, of sufficient contact area to cover flange on signal housing.

LOCK RING

SPECIAL 90° ELBOW
One for each face, except those with special slip fitter mounting.

SIGNAL HEAD ATTACHMENT FITTINGS
NO SCALE

DIV. NO.	STATE	FEDERAL PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	CALIF				

DISTRICT	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS

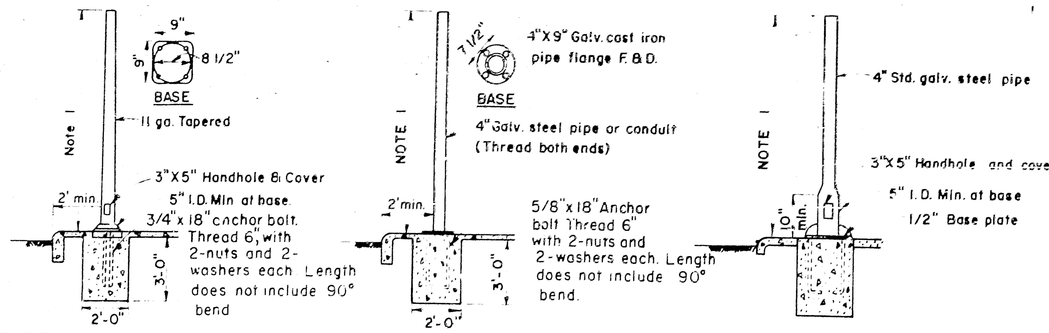
APPROVED _____
TRAFFIC ENGINEER, CIVIL ENGINEER LICENSE NO. 5429
TO ACCOMPANY PLANS DATED _____

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-

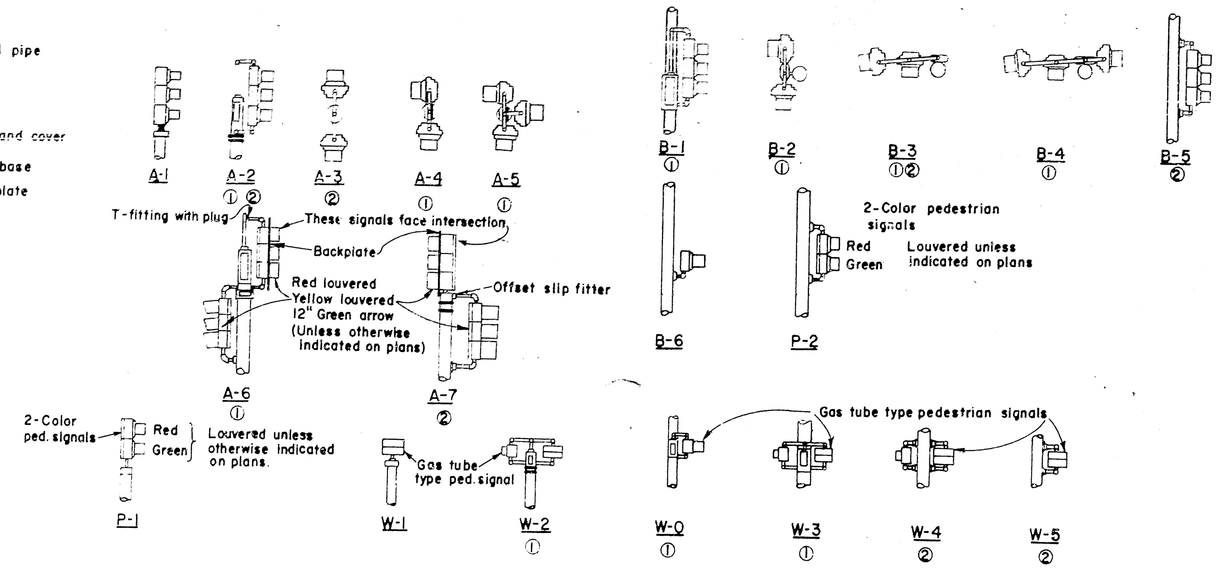
Dwg. NO. 3257 Sh. 6 of 9 Sheets ES-2B-1



TYPE I-A STANDARD **TYPE I-B STANDARD** **TYPE I-C STANDARD**
(Details not shown same as in Type I-A.)

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 sloped 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.

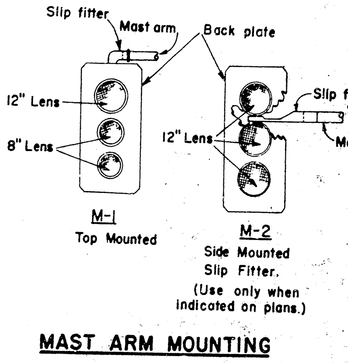
SIGNAL STANDARDS
NO SCALE



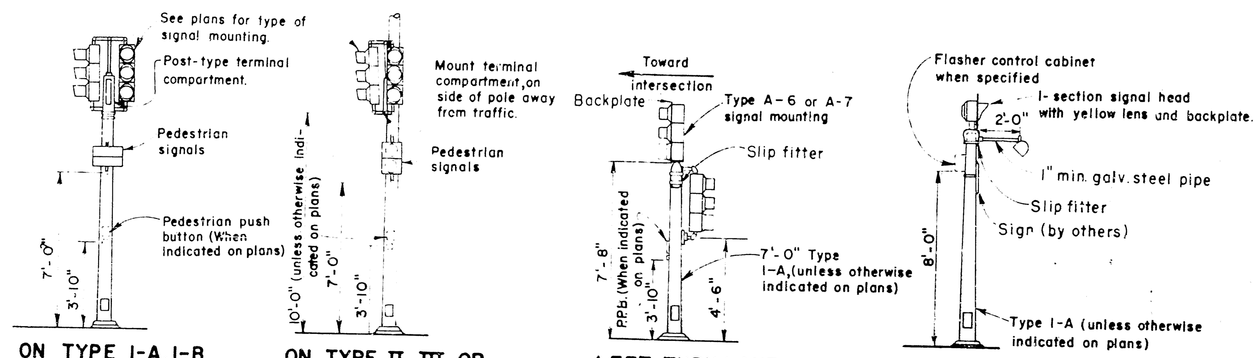
POST-TOP MOUNTINGS **BRACKET MOUNTINGS**

① Mounting includes terminal compartment.
② Special mountings (Use only when indicated on plans).

SIGNALS AND MOUNTINGS
NO SCALE



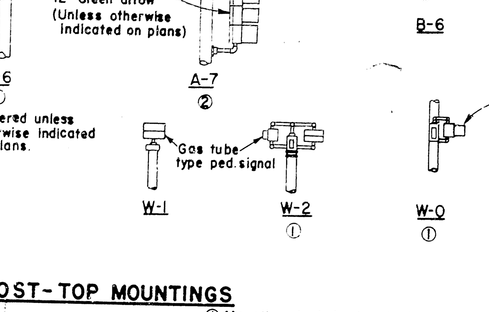
MAST ARM MOUNTING



ON TYPE I-A, I-B OR I-C STANDARDS **ON TYPE II, III OR X STANDARDS** **LEFT TURN LANE SIGNALS** **ADVANCE FLASHING BEACON INSTALLATIONS**

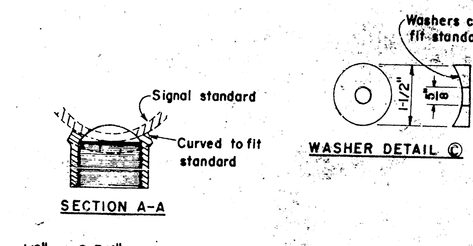
NOTE: Mountings shall be oriented to provide maximum horizontal clearance to adjacent roadway. Pedestrian signals shall be positioned on the side of standard nearest crosswalk controlled.

TYPICAL EQUIPMENT MOUNTING
NO SCALE



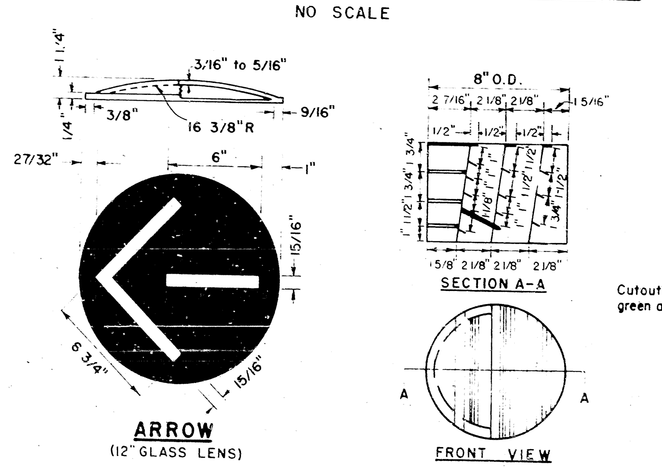
POST-TOP MOUNTING **BRACKET MOUNTING**

TERMINAL COMPARTMENTS
NO SCALE

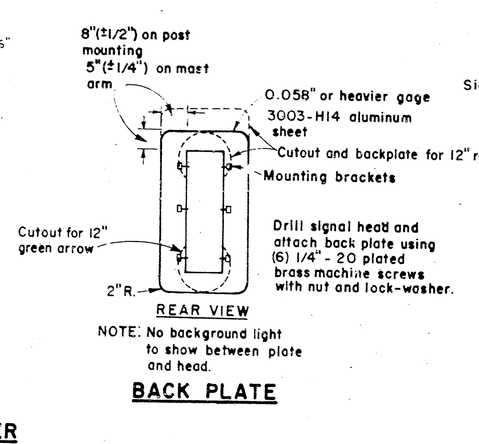


NOTE: On upper clamp omit cable guide on center hole in standard.

POLE PLATE
NO SCALE



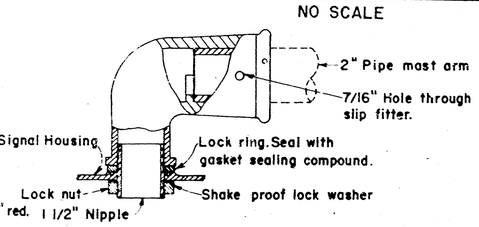
NOTE: Louvers shall be secured in place with one plated brass machine screw and nut and oriented as directed by Engineer.



NOTE: No background light to show between plate and head.

BACK PLATE

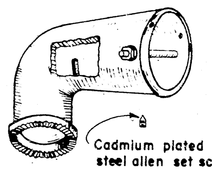
SIGNAL HEAD ACCESSORIES
NO SCALE



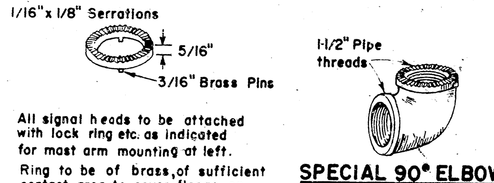
NOTE: Serrations in fittings shall match those in lock ring

After signal has been plumbed and secured drill 7/16" hole through mast arm in line with hole through slip fitter. Place 3/8" galvanized bolt with washer under bolt head through hole and secure with two nuts and a washer.

4 1/2" SLIP FITTER FOR POST TOP MOUNTINGS



2" SLIP FITTER FOR MAST ARM MOUNTING



All signal heads to be attached with lock ring etc. as indicated for mast arm mounting at left.
Ring to be of brass, of sufficient contact area to cover flange on signal housing.

LOCK RING

SPECIAL 90° ELBOW
One for each face, except those with special slip fitter mounting.

SIGNAL HEAD ATTACHMENT FITTINGS
NO SCALE

DIV. NO.	STATE	FEDERAL PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	CALIF				

DISTRICT	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS

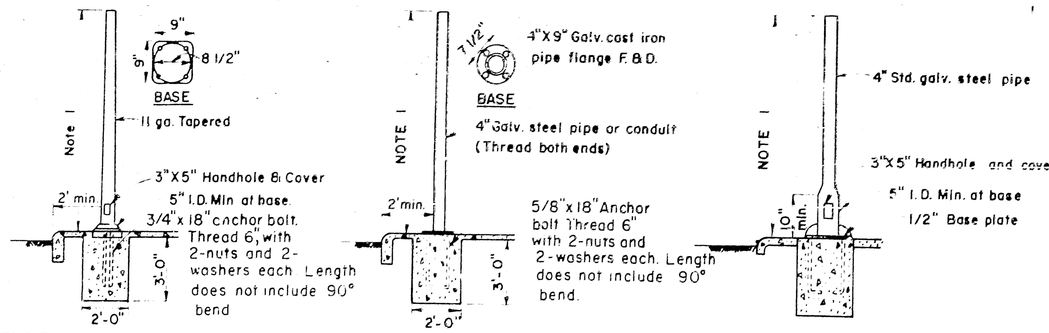
APPROVED _____
TRAFFIC ENGINEER, CIVIL ENGINEER LICENSE NO. 5429
TO ACCOMPANY PLANS DATED _____

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-

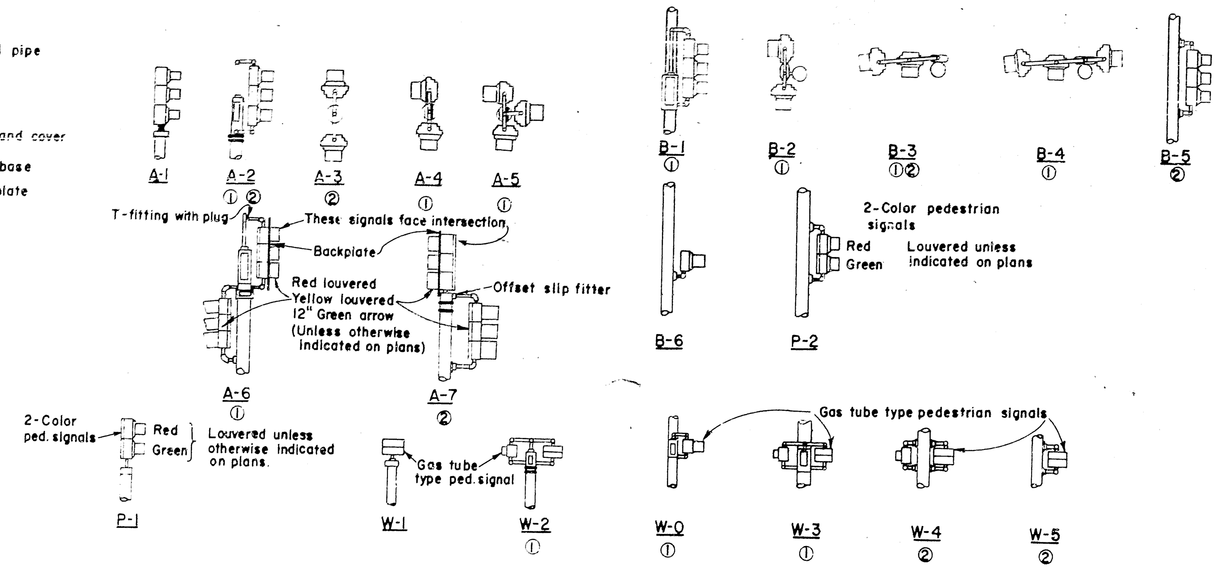
Dwg. NO. 3257 Sh. 6 of 9 Sheets ES-2B-1



TYPE I-A STANDARD **TYPE I-B STANDARD** **TYPE I-C STANDARD**
(Details not shown same as in Type I-A.)

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 sloped 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.

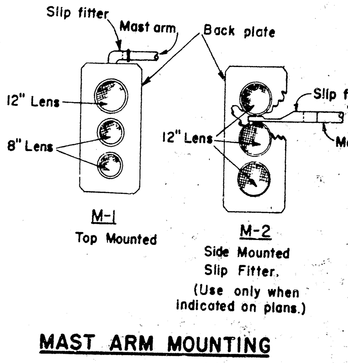
SIGNAL STANDARDS
NO SCALE



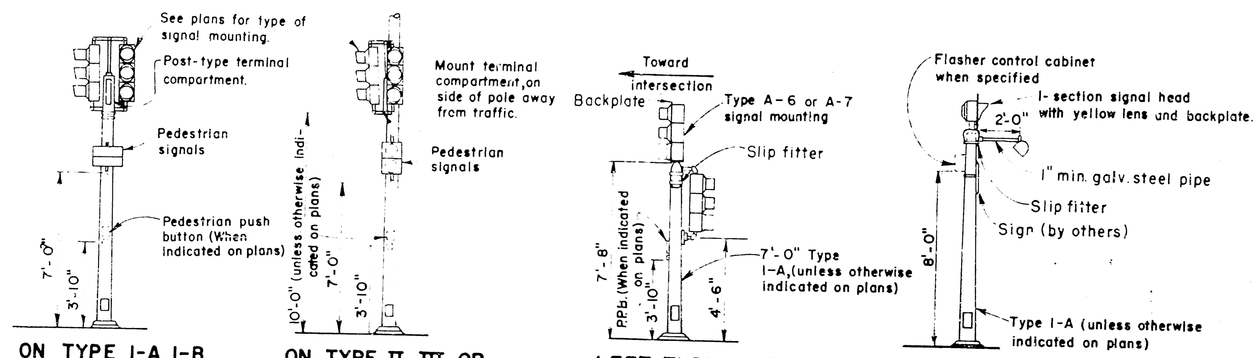
POST-TOP MOUNTINGS **BRACKET MOUNTINGS**

① Mounting includes terminal compartment.
② Special mountings (Use only when indicated on plans).

SIGNALS AND MOUNTINGS
NO SCALE



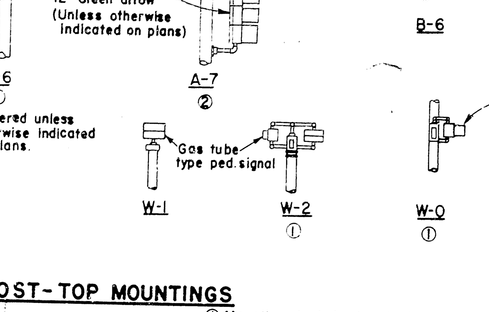
MAST ARM MOUNTING



ON TYPE I-A, I-B OR I-C STANDARDS **ON TYPE II, III OR X STANDARDS** **LEFT TURN LANE SIGNALS** **ADVANCE FLASHING BEACON INSTALLATIONS**

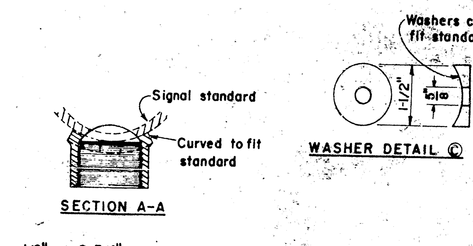
NOTE: Mountings shall be oriented to provide maximum horizontal clearance to adjacent roadway. Pedestrian signals shall be positioned on the side of standard nearest crosswalk controlled.

TYPICAL EQUIPMENT MOUNTING
NO SCALE



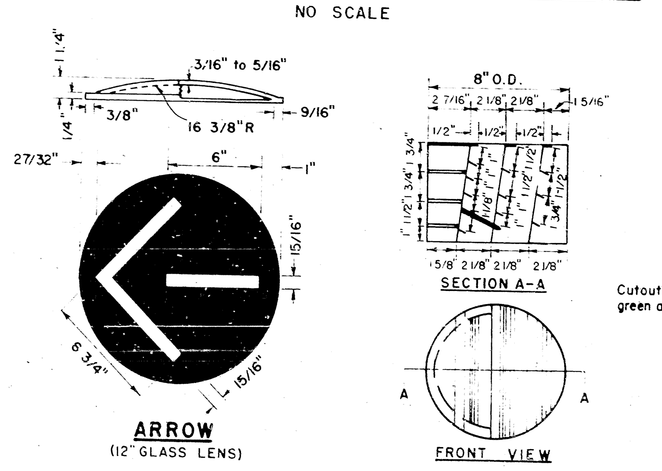
POST-TOP MOUNTING **BRACKET MOUNTING**

TERMINAL COMPARTMENTS
NO SCALE

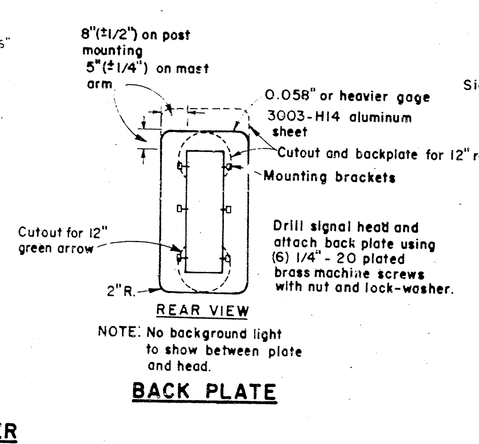


NOTE: On upper clamp omit cable guide on center hole in standard.

POLE PLATE
NO SCALE



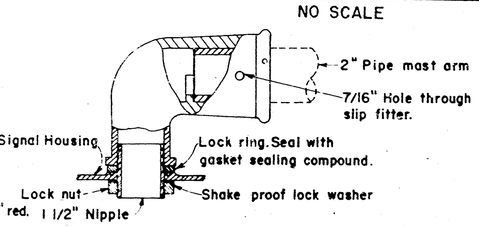
NOTE: Louvers shall be secured in place with one plated brass machine screw and nut and oriented as directed by Engineer.



NOTE: No background light to show between plate and head.

BACK PLATE

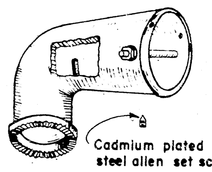
SIGNAL HEAD ACCESSORIES
NO SCALE



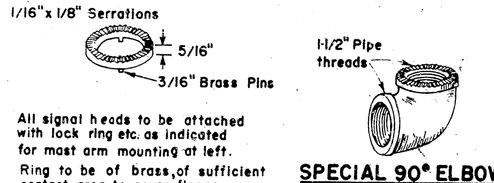
NOTE: Serrations in fittings shall match those in lock ring

After signal has been plumbed and secured drill 7/16" hole through mast arm in line with hole through slip fitter. Place 3/8" galvanized bolt with washer under bolt head through hole and secure with two nuts and a washer.

4 1/2" SLIP FITTER FOR POST TOP MOUNTINGS



2" SLIP FITTER FOR MAST ARM MOUNTING



All signal heads to be attached with lock ring etc. as indicated for mast arm mounting at left.
Ring to be of brass, of sufficient contact area to cover flange on signal housing.

LOCK RING

SPECIAL 90° ELBOW
One for each face, except those with special slip fitter mounting.

SIGNAL HEAD ATTACHMENT FITTINGS
NO SCALE

DIV. NO.	STATE	FEDERAL PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	CALIF				

DISTRICT	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS

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

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-

Dwg. NO. 3257 Sh. 6 of 9 Sheets ES-2B-1