

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1088	1987	89	97

NOTES:

- ALL STEEL SHAFTS, P'S, MAST ARMS, BOLTS, SCREWS, NUTS & WASHERS TO BE GALV. AFTER FAB. OR MODIFICATION.
- P'S TO CONFORM TO ASTM A-36.
- CAST OPTION TO CONFORM TO ASTM A-486 CL.90.
- TORQUE 7/8" ϕ H.S. SLIP BASE PL BOLTS TO 1000 INCH LBS.
- 7/8" ϕ H.S. ANCHOR BARS, WRENCH TIGHTEN-TORQUE REQMT. WAIVED.
- FABRICATORS ELECTING LARGER THAN MIN. ARM DIAMETERS MUST ADJUST DETAILS AS REQ'D. TO PERMIT SOLID SEATING OF CAP SCREWS. IN LIEU OF TORQUE REQMTS. FOR H.S. BOLTS, CAP SCREWS SHALL BE TIGHTENED BY THE TURN-OF-NUT METHOD 1/6 TURN FROM SNUG TIGHT CONDITION. NO WASHER WILL BE REQ'D.
- 4" $\times$ 6 1/2" HANDHOLE REINF. W/#3 GA. RING 1 1/2" WIDE WELDED TO OUTSIDE OF POLE COVER OF 10 GA. PL LOCATE 90° OF MAST ARM UNLESS SHOWN OTHERWISE
- UNASSIGNED.
- PLATE WASHER
- 3-7/8" ϕ H.S. BARS, THREAD 6" & GALV. 10", W/ HEX. HD. NUT, LEVELING NUT & WASHER.
- HEX. HD. NUT SHOWN OR AS ALT. DET. ANCHOR P'S MAY BE RETAINED W/5/16" FILLET WELDS ALL ROUND OR FORMED HEADS.
- ROUND TAPERED STEEL TUBE W/MAX. TAPER OF 0.15"/FT.
- NO. 11 GA. SHT. STEEL OF WELDABLE GRADE ACCEPTABLE IF STEEL AFTER FAB. HAS A MIN. YIELD STRENGTH OF 40,000 PSI.
- 28 GA. KEEPER PL, PLACE ON TOP OF FLAT WASHER, ASTM A526, 125 COMMERCIAL.
- SLIP BASE INSERT DET. ON THIS SHT. APPLICABLE FOR POLE STDs. TALLER THAN 25'-0".



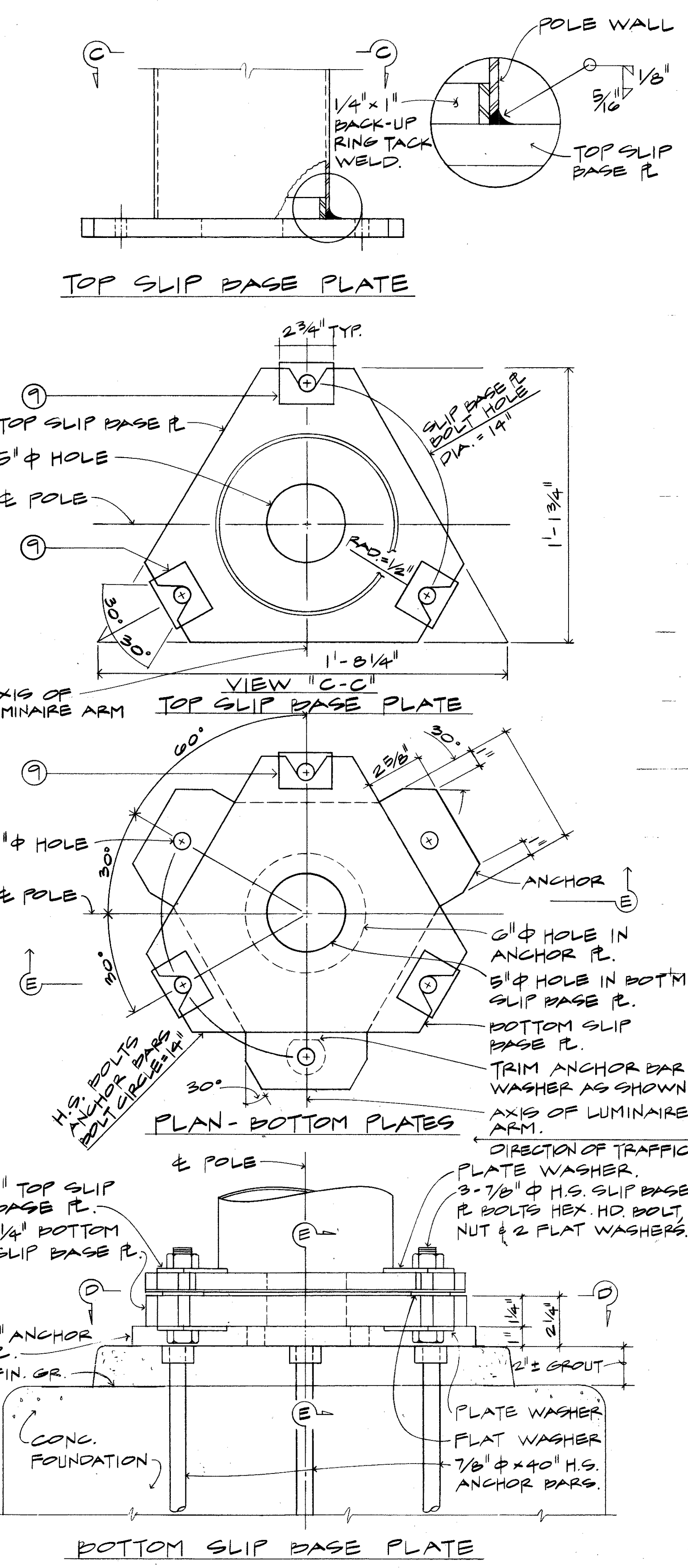
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Wynn M. Nakamura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

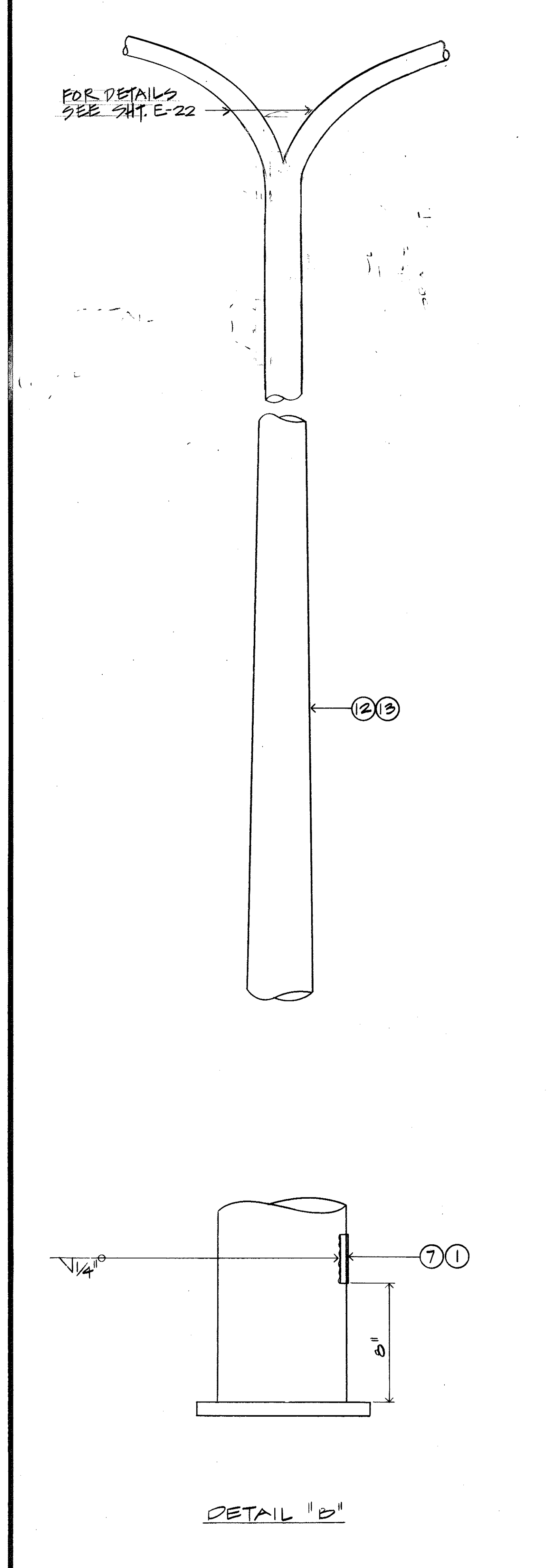
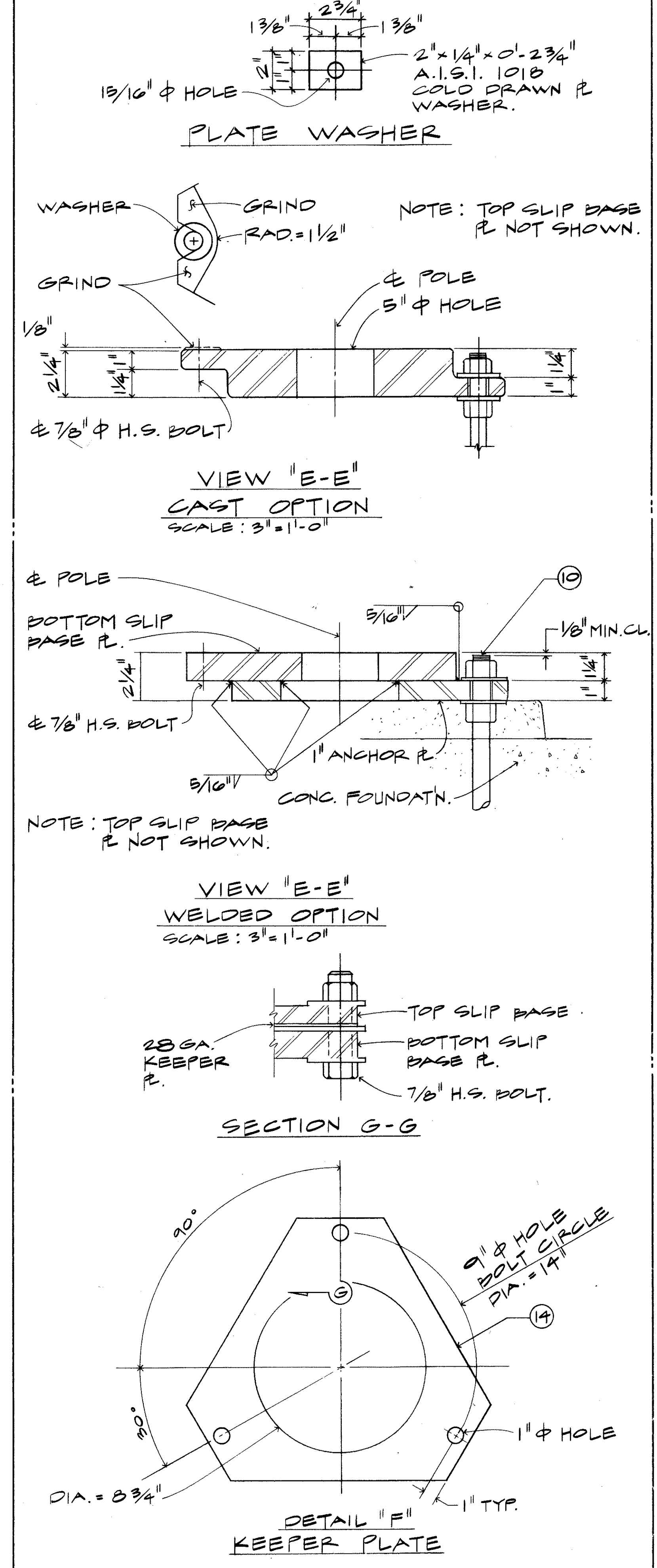
HIGHWAY LIGHTING SYSTEM

INTERSTATE ROUTE H-1
HIGHWAY LIGHTING IMPROVEMENTS
MOA STREET TO PUNCHBOWL STREET
KEEPAHUKU STREET TO OLD WAIALAE ROAD
PROJECT NO. IR-HI-1088

SCALE: AS NOTED DATE: 30 JAN '87
SHEET NO. E24 OF 32 SHEETS



SLIP BASE INSERT DETAIL
SCALE: 3"=1'-0" THIS DETAIL APPLICABLE TO POLES 30 FT. & HIGHER REQUIRING SLIP BASE INSERTS.



DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	