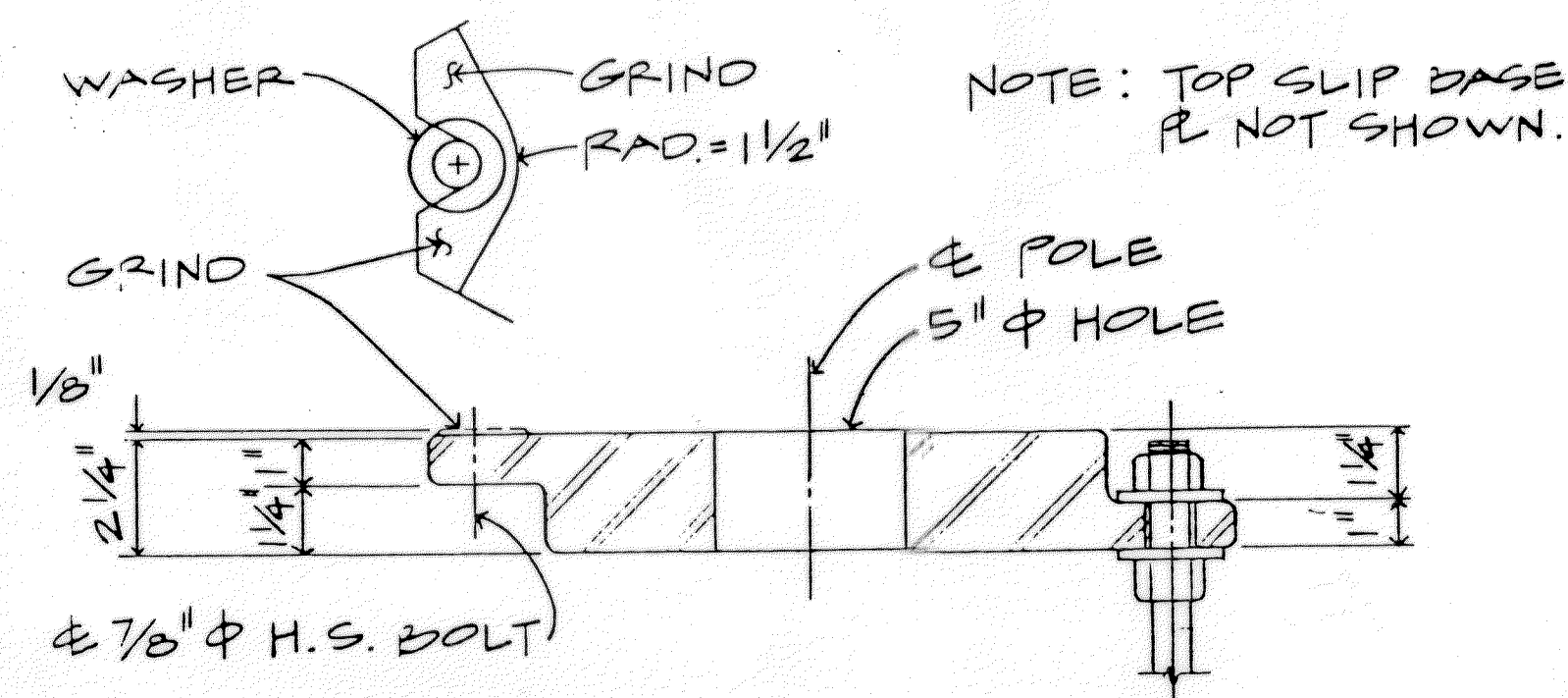
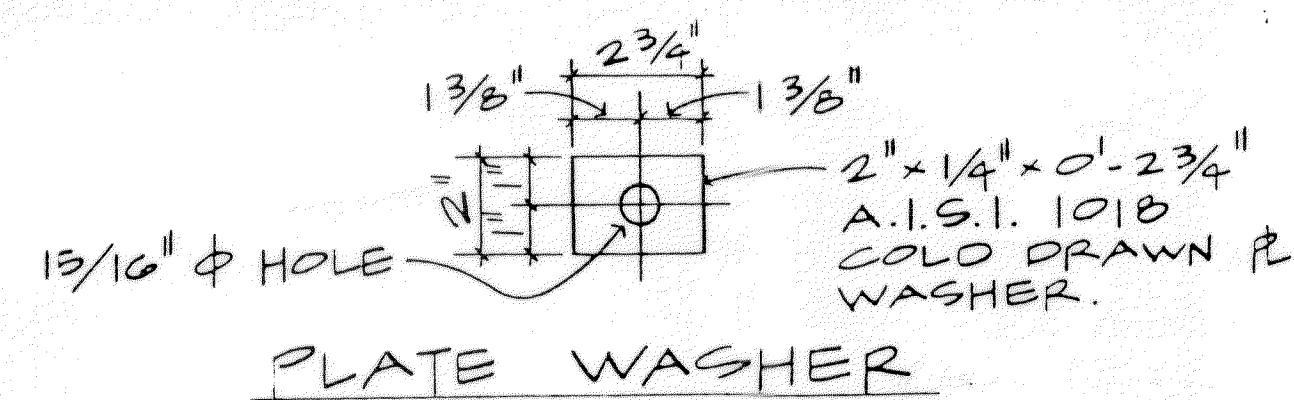
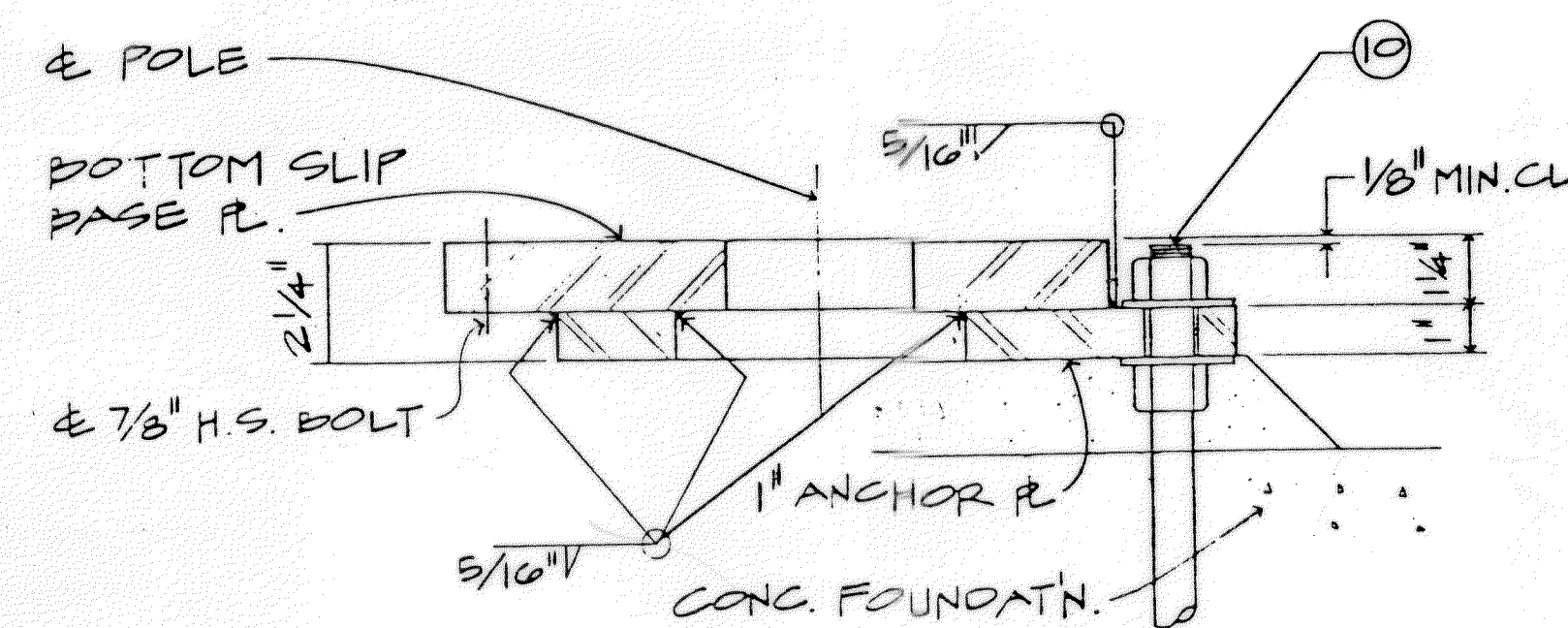


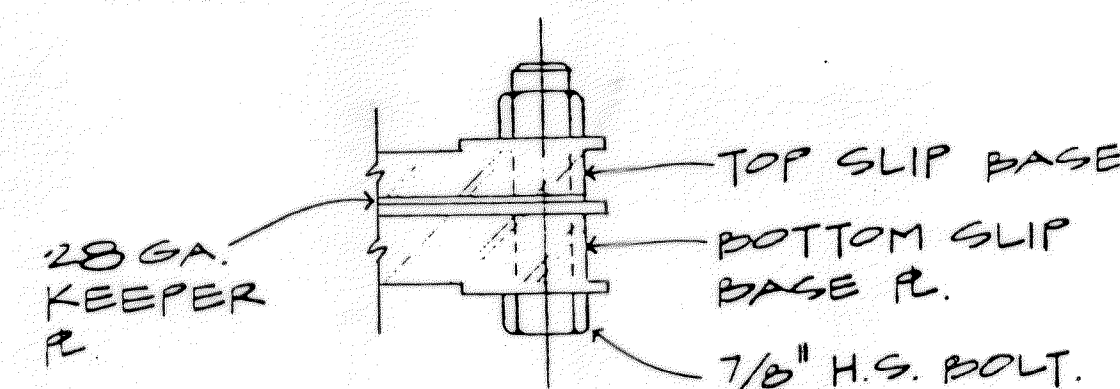
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-90	1990	6	6



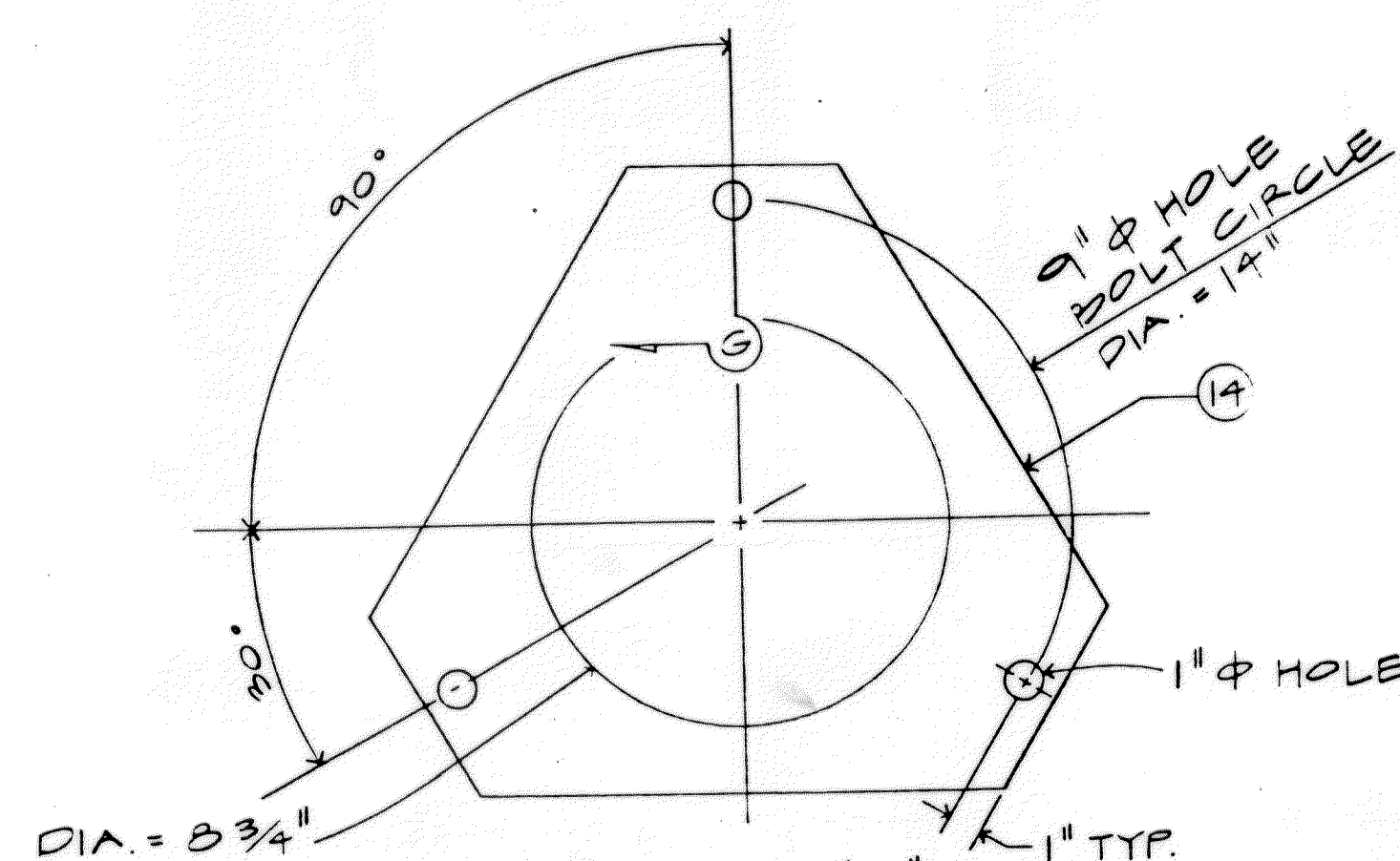
VIEW "E-E"
CAST OPTION
SCALE: 3" = 1'-0"



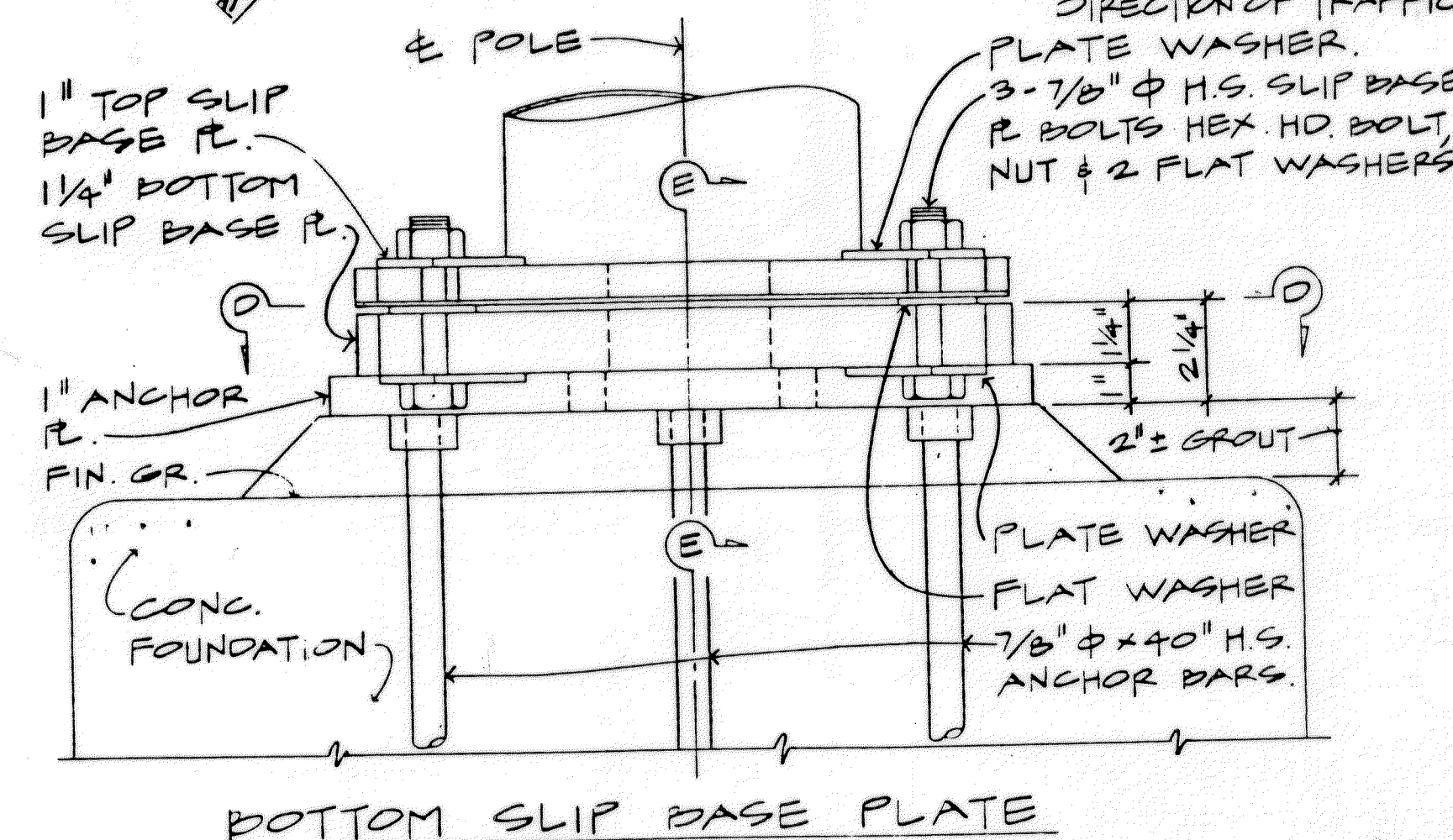
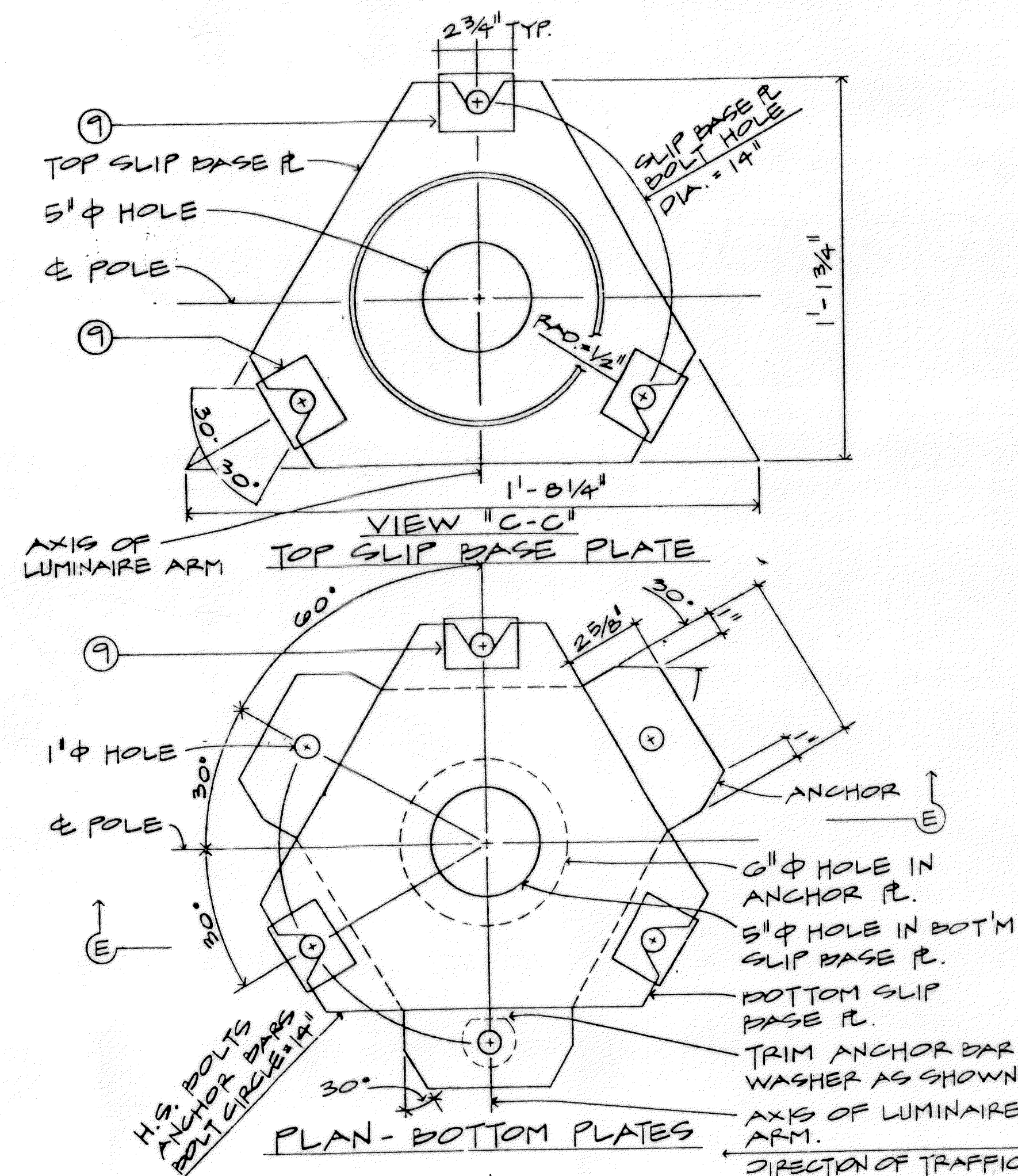
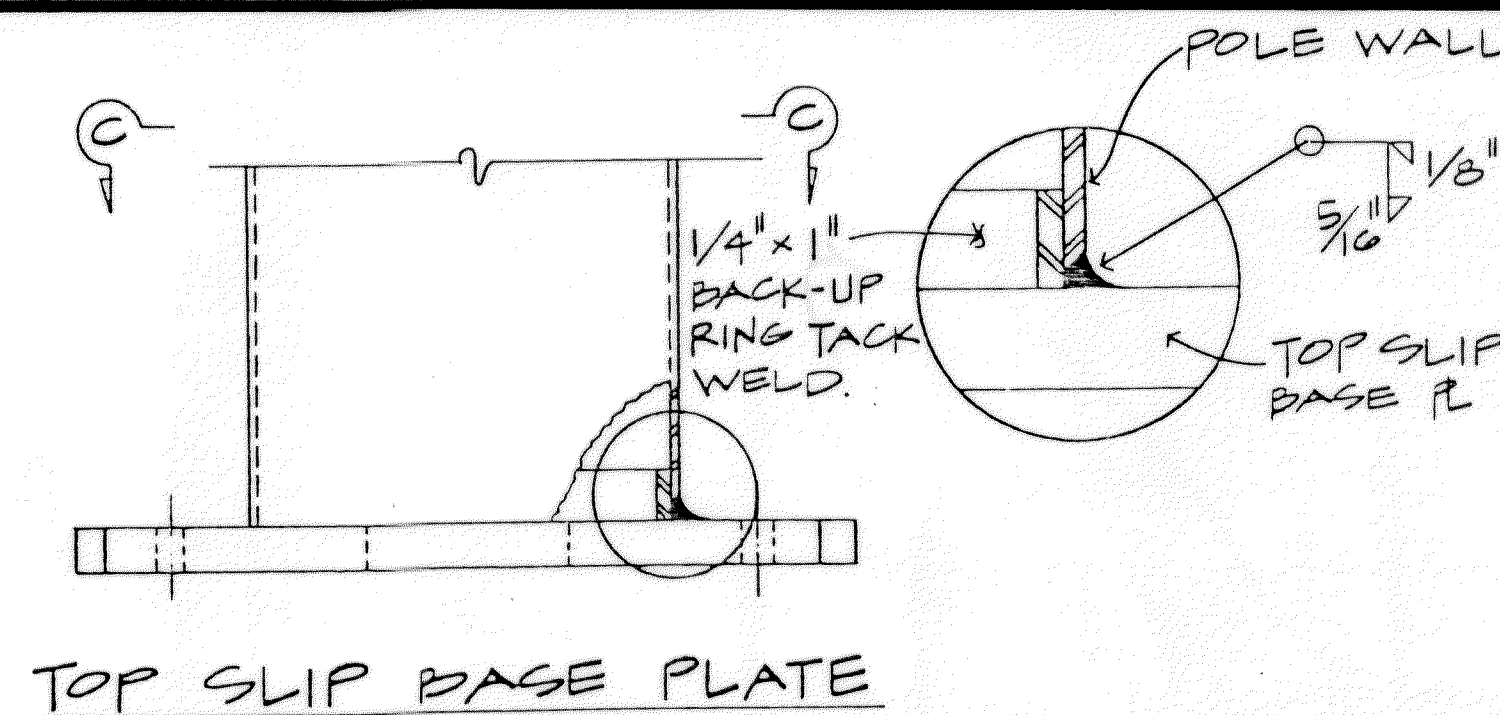
VIEW "E-E"
WELDED OPTION
SCALE: 3" = 1'-0"



SECTION G-G



DETAIL "F"
KEEPER PLATE

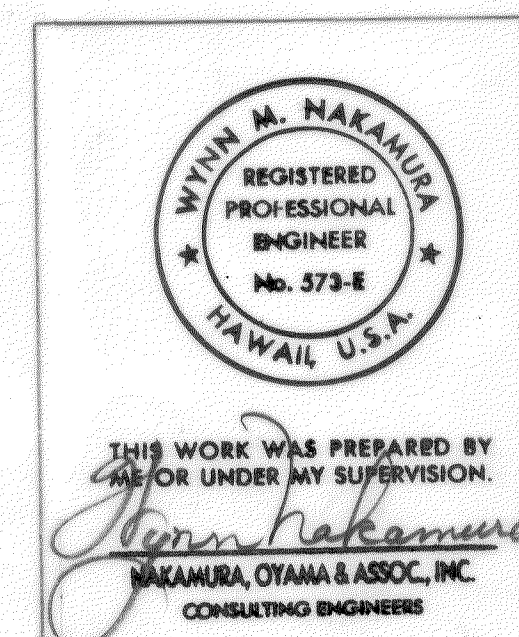


SLIP BASE INSERT DETAIL
SCALE: 3"=1'-0" THIS DETAIL APPLICABLE TO POLES 30 FT
& HIGHER REQUIRING SLIP BASE INSERTS

NOTES:

- ① ALL STEEL SHAFTS, P'S, MAST ARMS, BOLTS, SCREWS, NUTS & WASHERS TO BE GALV. AFTER FAB. OR MODIFICATION.
- ② P'S TO CONFORM TO ASTM A-36.
- ③ CAST OPTION TO CONFORM TO ASTM A-486 CL.90.
- ④ TORQUE $\frac{7}{8}$ " ϕ H.S. SLIP BASE P BOLTS TO 1000 INCH LBS.
- ⑤ $\frac{7}{8}$ " ϕ H.S. ANCHOR BARS, WRENCH TIGHTEN-TORQUE REQ'MT. WAIVED.
- ⑥ FABRICATORS ELECTING LARGER THAN MIN. ARM DIAMETERS MUST ADJUST DETAILS AS REQ'D. TO PERMIT SOLID SEATING OF CAP SCREWS. IN LIEU OF TORQUE REQ'MTS. FOR H.S. BOLTS, CAP SCREWS SHALL BE TIGHTENED BY THE TURN-OF-NUT METHOD $\frac{1}{6}$ TURN FROM SNUG TIGHT CONDITION. NO WASHER WILL BE REQ'D.
- ⑦ 4" x $6\frac{1}{2}$ " HANDHOLE REINF. W/ #3 GA. RING $1\frac{1}{2}$ " WIDE WELDED TO OUTSIDE OF POLE COVER OF 10 GA. P LOCATE 90° OF MAST ARM UNLESS SHOWN OTHERWISE
- ⑧ UNASSIGNED.
- ⑨ PLATE WASHER
- ⑩ 3- $\frac{7}{8}$ " ϕ H.S. BARS, THREAD 6" & GALV. 10', W/ HEX. HD. NUT, LEVELING NUT & WASHER.
- ⑪ HEX. HD. NUT SHOWN OR AS ALT. DET. ANCHOR. P'S MAY BE RETAINED W/ $\frac{5}{16}$ " FILLET WELDS ALL ROUND OR FORMED HEADS.
- ⑫ ROUND TAPERED STEEL TUBE W/MAX. TAPER OF 0.15"/FT.
- ⑬ NO. 11 GA. SHT. STEEL OF WELDABLE GRADE ACCEPTABLE IF STEEL AFTER FAB. HAS A MIN. YIELD STRENGTH OF 40,000 PSI.
- ⑭ 28 GA. KEEPER P, PLACE ON TOP OF FLAT WASHER, ASTM A526, 125 COMMERCIAL.
- ⑮ SLIP BASE INSERT DET. ON THIS SHT. APPLICABLE FOR POLE STDS. TALLER THAN 25'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
No. _____	CHECKED BY _____



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SLIP-BASE DETAIL

KAHEKILI HIGHWAY HIGHWAY LIGHTING

AHI'IMANU ROAD TO KAMEHAMEHA HWY
PROJECT NO. 83F-01-90

SCALE: AS NOTED DATE: MAY 4, 1990

SHEET No. 5 OF 6 SHEETS