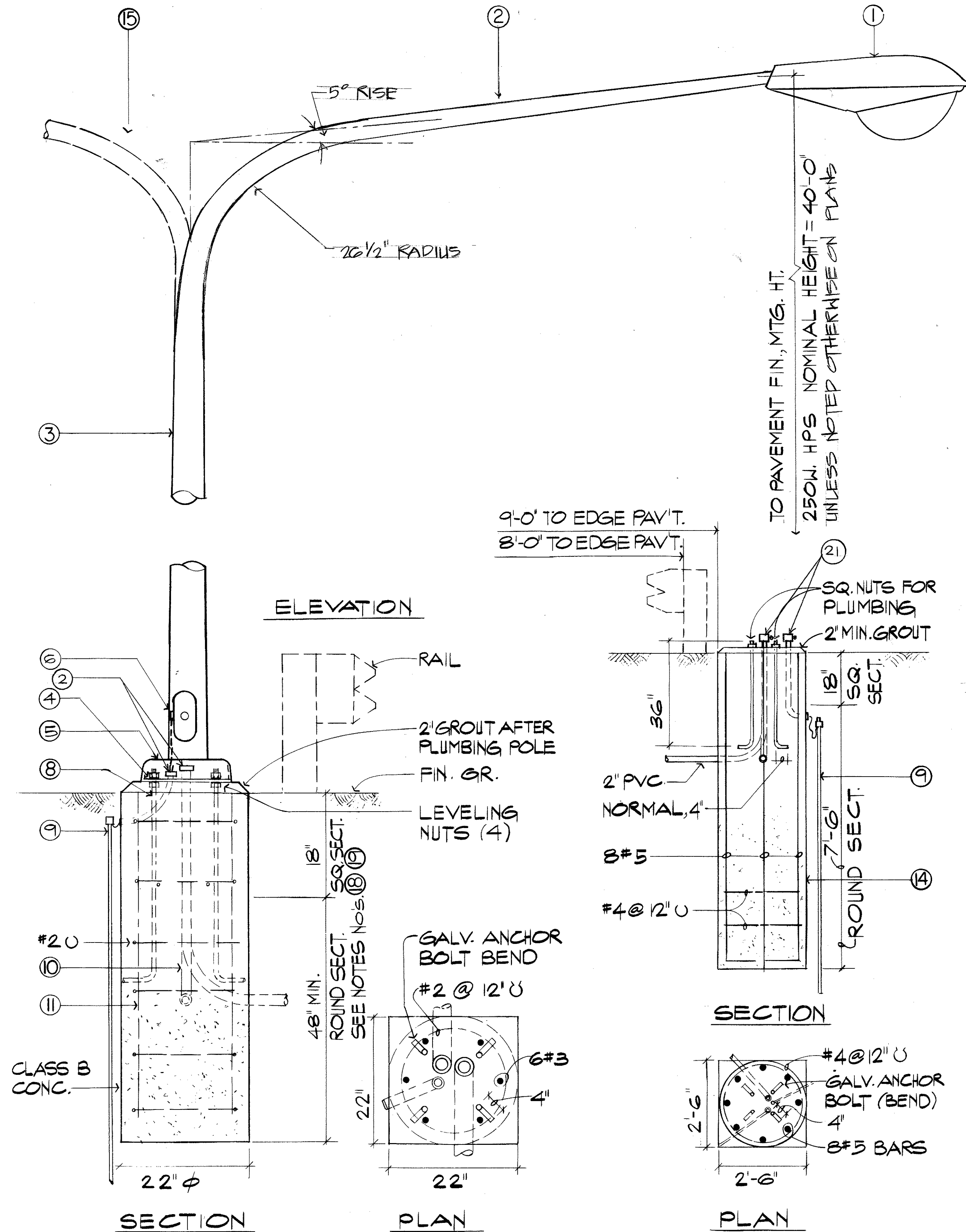


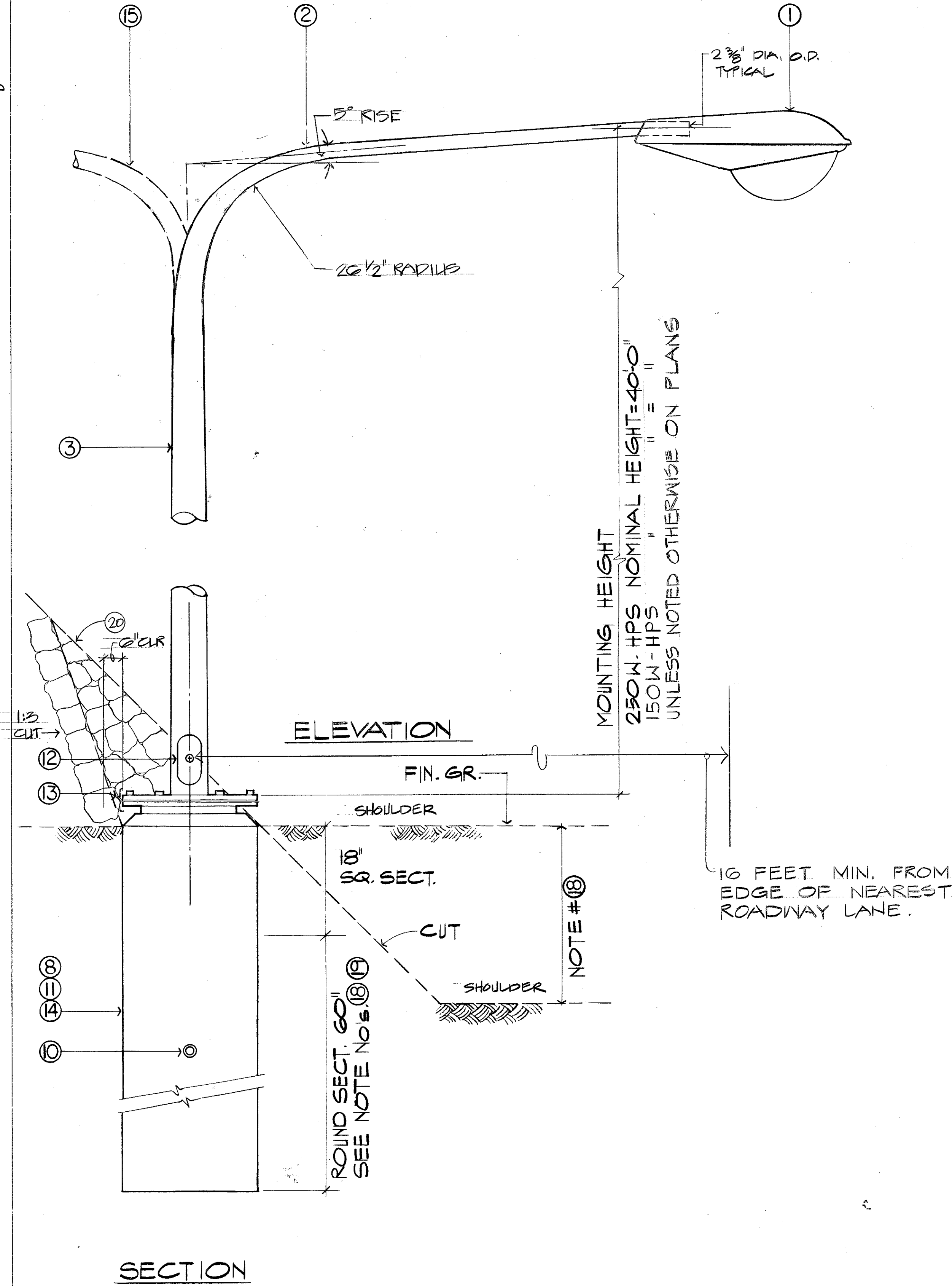
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	



A HIGHWAY LIGHTING STANDARD DETAIL
E-22

SCALE: 1"=1'-0"
FOR USE IN LEVEL AREA
AS SHOWN ON PLAN

FOUNDATION AT FILL
SCALE: 1/2"=1'-0"



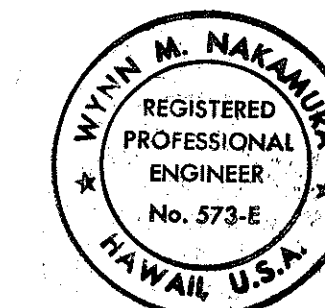
B HIGHWAY LIGHTING STANDARD DETAIL
E-22

SCALE: 1"=1'-0"
FOR USE IN CUT SLOPE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1R-HI-1(186)	1987	87	97

MATERIAL LIST

- ① LUMINAIRE, SEE ELEC. SYMBOLS (SHT. 2) & PLANS
- ② STEEL TAPERED DAVIT ARM, RADIUS SMOOTH & FREE OF WRINKLES, FOR LENGTH SEE PLAN.
- ③ POLE 40 FT., 10 GAUGE, UNLESS NOTED OTHERWISE ON PLANS.
- ④ POLE BASE 4-BOLTS, WASHER & NUTS
- ⑤ POLE FULL 2 PIECE GALV. COVER
- ⑥ GROUNDING LUGS
- ⑦ STL. XFMR. BASE w/ ACCESS COVER
- ⑧ 4-1" x 40" GALV. ANCHOR BOLTS
- ⑨ GRD. ROD 3/8" x 10'-0" COPPER CLAD
- ⑩ PVC SCH'D. 40, 36" DEEP MIN.
- ⑪ CONC. w/ 6#3 BARS UNLESS OTHERWISE NOTED
- ⑫ WIRING ACCESS HANDHOLE, 4'x6' FLUSH COVER FIT FLUSH w/ SHIRT. NO EXTERNAL OVERLAP. INTERNAL CAST STEEL FRAME ASTM A27 GR. B5-35
- ⑬ SLIP BASE INSERT STD.
- ⑭ REINFORCED CONC. FOUNDATION INCLUDING 1#10 TW BONDED GRD. LUGS TO GRD. ROD. SIMILAR TO DETAIL 'A' w/ EXCEPTIONS AS NOTED.
- ⑮ DOUBLE BRACKET CONDITION, COMPLETE w/ LUMINAIRES & WIRING. SEE PLAN FOR LOCATION.
- ⑯ PROVIDE 1#10 TW BOND BETWEEN POLE LUG & GRD. ROD
- ⑰ PROVIDE 1#10 TW BOND BETWEEN POLE LUG & PULLBOX GRD. ROD
- ⑱ AT EXST. CUT, INCREASE ROUND SECT. DEPTH BY 12 INCH PER 12 INCH VERT. DIFFERENCE FROM FOUNDATION TOP TO FIN. GR.
- ⑲ ALL POLES TALLER THAN 25' INCREASE ROUND SECT. DEPTH TO 66 INCHES
- ⑳ MORTAR w/ ROCK.
- ㉑ GROUNDING BUSHING



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 AAIA STREET TO PUNCHBOWL STREET KEEAUMOKU STREET TO OLD WAIALAE ROAD PROJECT NO. 1R-HI-1(186) SCALE: AS NOTED DATE: 30 JAN '87 SHEET NO. E-22 OF 96 SHEETS
