

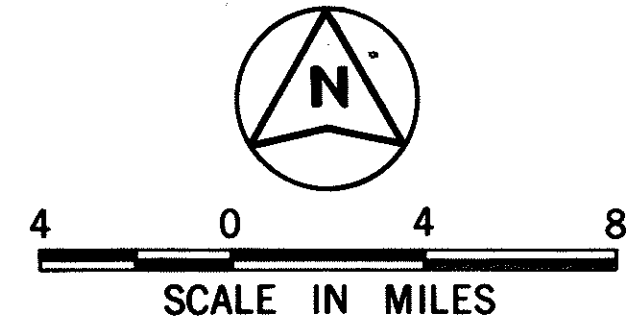
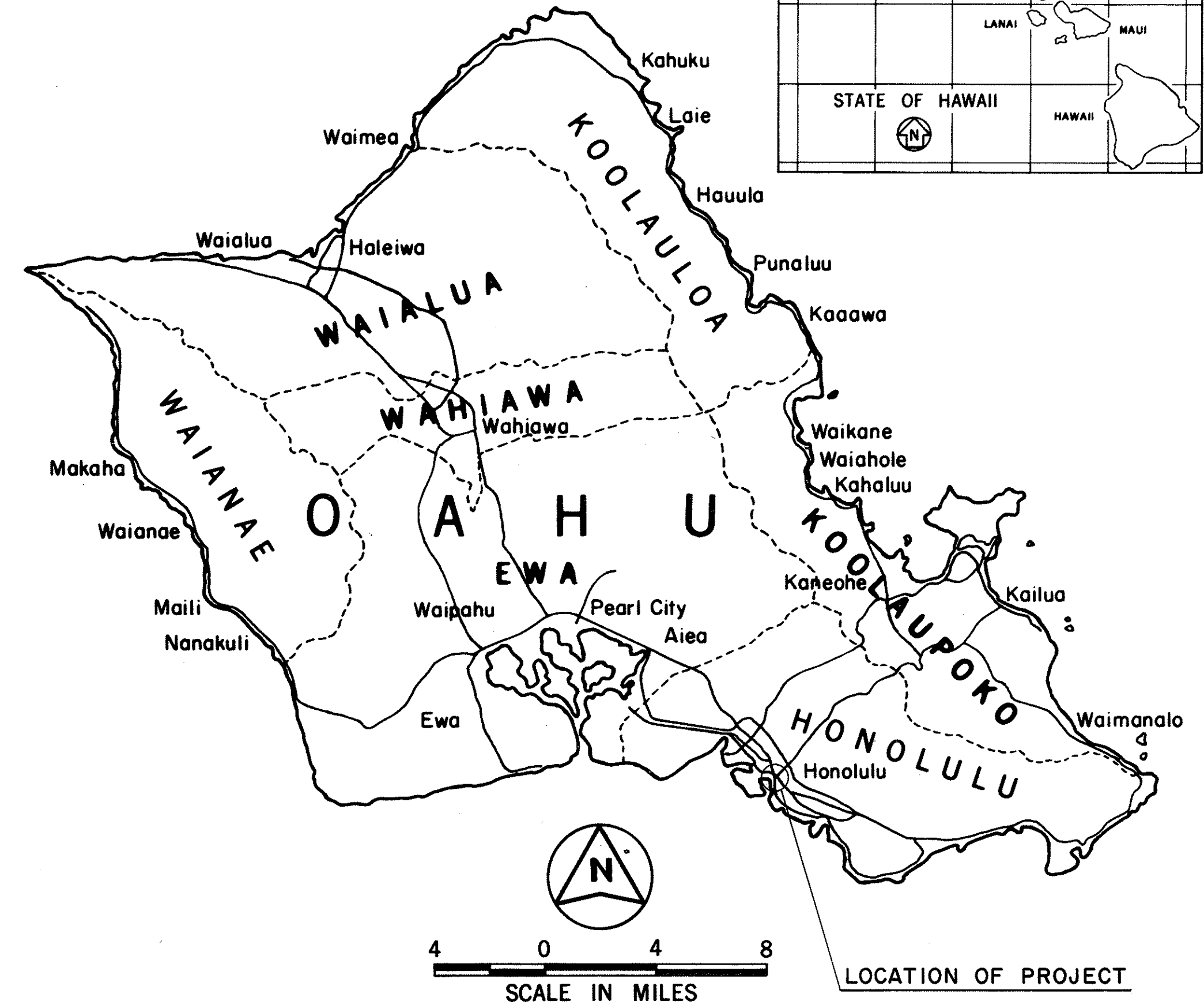
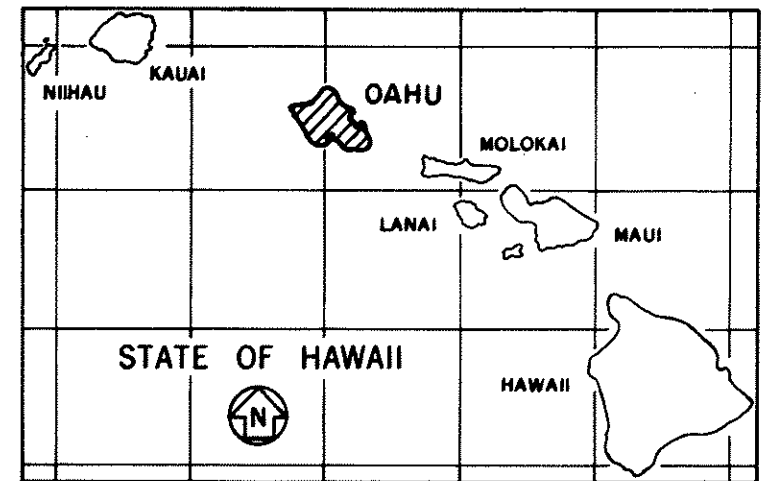
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HONOLULU, HAWAII

PLANS FOR
ALA MOANA BOULEVARD
SEALING OF WELL AT
ALA MOANA MINI PARK
PROJECT NO. 92A-03-81

DISTRICT OF HONOLULU
ISLAND OF OAHU

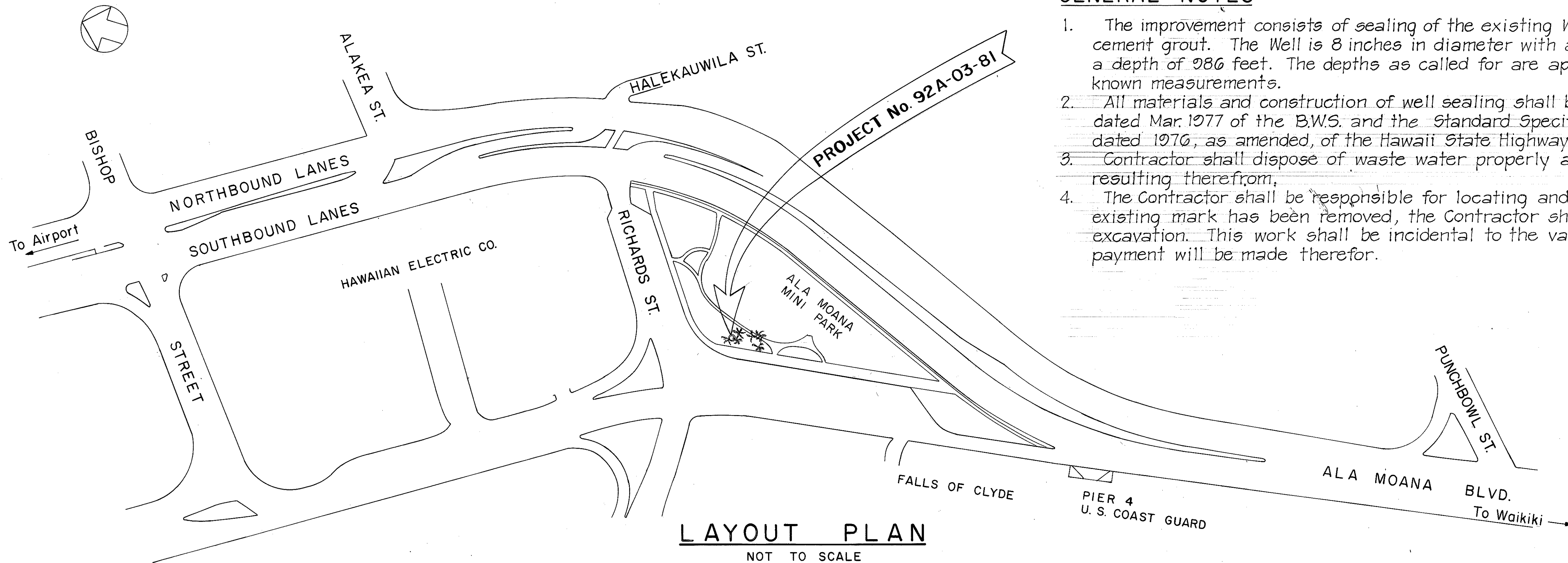
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-03-81	1981	1	2



LOCATION OF PROJECT

GENERAL NOTES:

1. The improvement consists of sealing of the existing Well No. 1851-22 with sand cement or neat cement grout. The Well is 8 inches in diameter with a total depth of 1,152 feet and cased to a depth of 986 feet. The depths as called for are approximate and reflect accurately the last known measurements.
2. All materials and construction of well sealing shall be in accordance with the Water System Standards, dated Mar. 1977 of the B.W.S. and the Standard Specifications for Road and Bridge Construction, dated 1976, as amended, of the Hawaii State Highways Division, Department of Transportation.
3. Contractor shall dispose of waste water properly and shall be responsible for all damages resulting therefrom.
4. The Contractor shall be responsible for locating and marking the existing Well. In case existing mark has been removed, the Contractor shall mark the location of Well prior to excavation. This work shall be incidental to the various contract items and no separate payment will be made therefor.

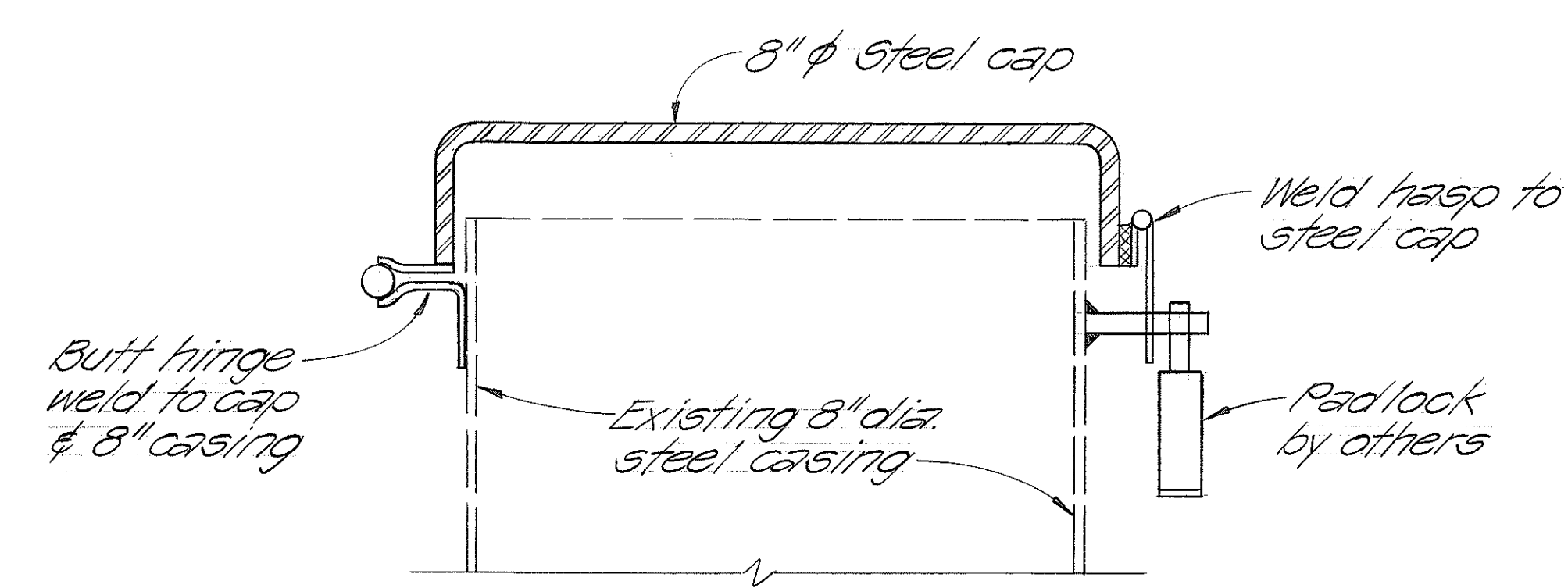


LAYOUT PLAN
NOT TO SCALE

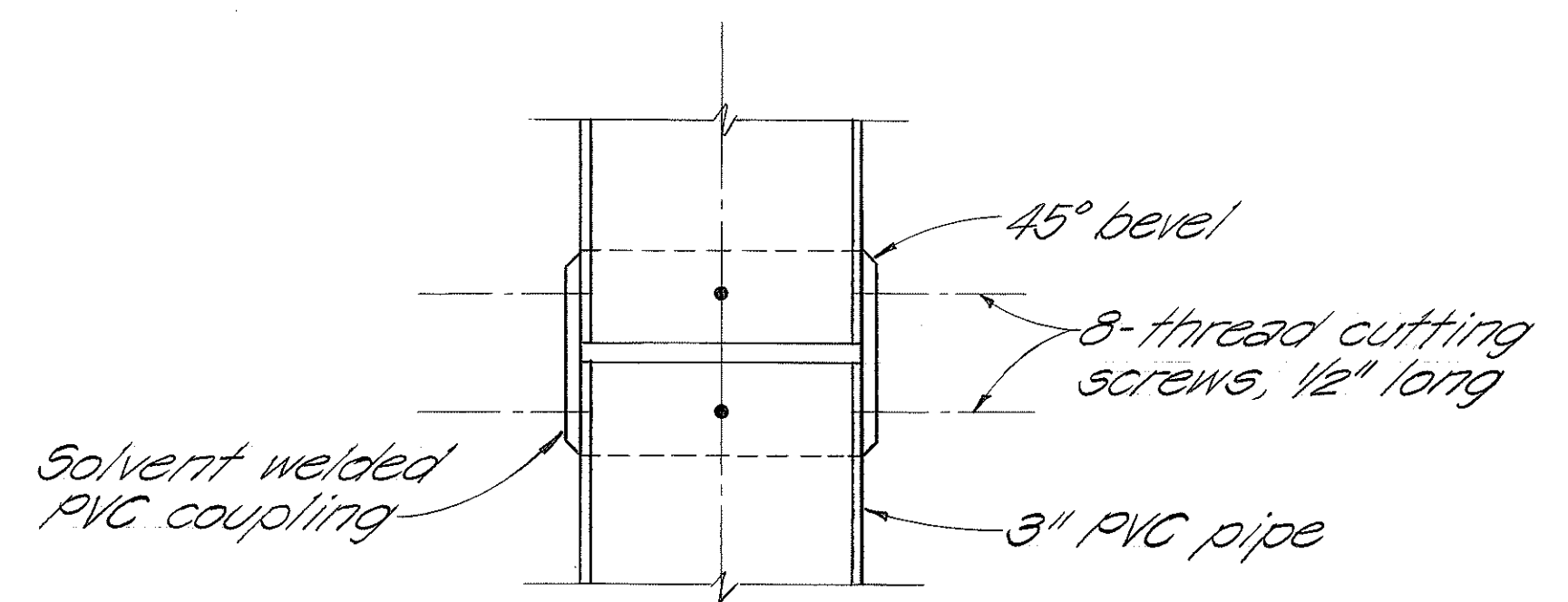
DEPARTMENT OF TRANSPORTATION STATE OF HAWAII	
APPROVED:	DATE
<i>Ryukichi Higashimura</i>	4/23/81
DIR. OF TRANSPORTATION	DATE

UNIT "E"
DESIGNED BY
A. Yamaguchi
P. S. & E. BY
548-4125
PHONE
APRIL 23, 1981
DATE

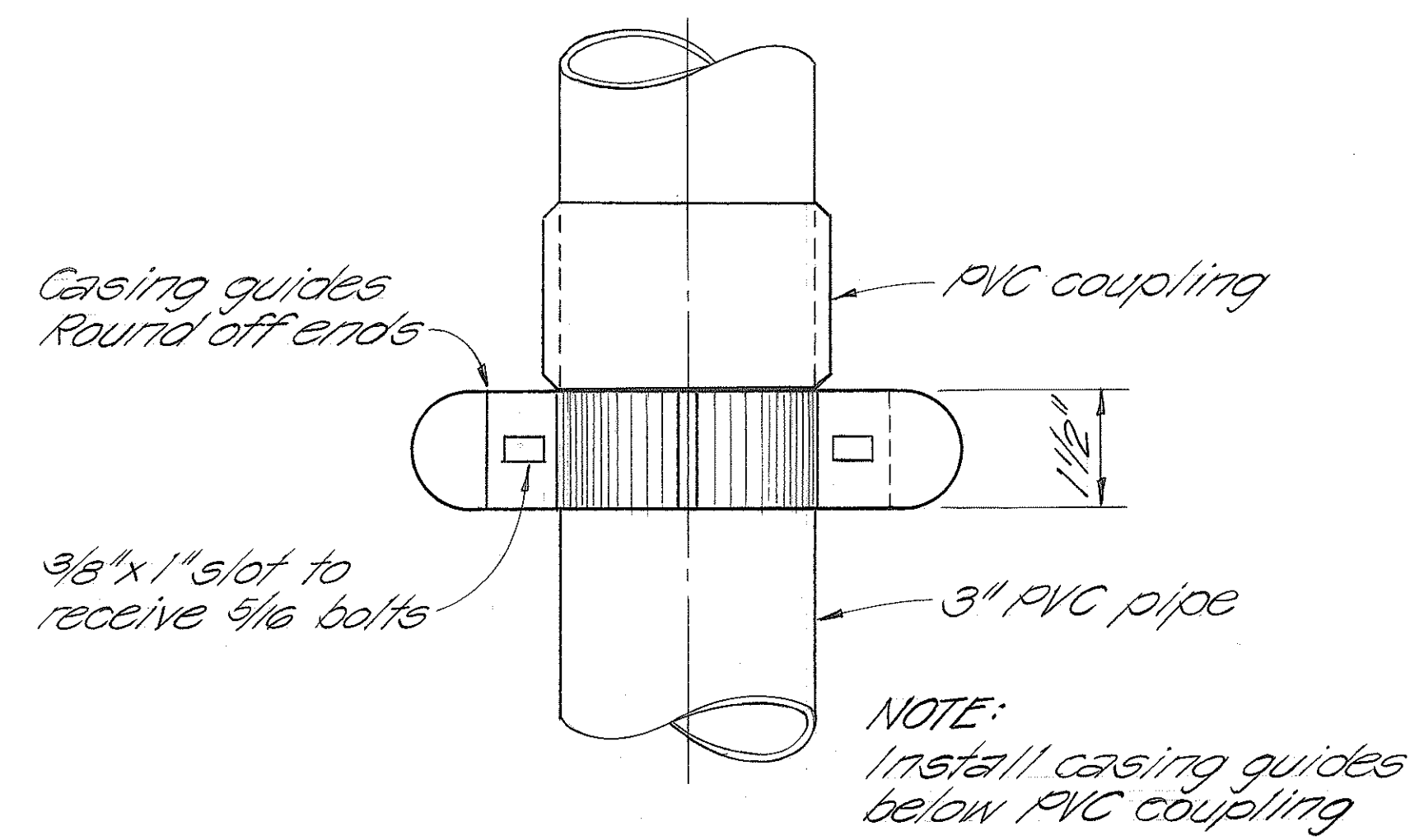
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-03-81	1981	2	2



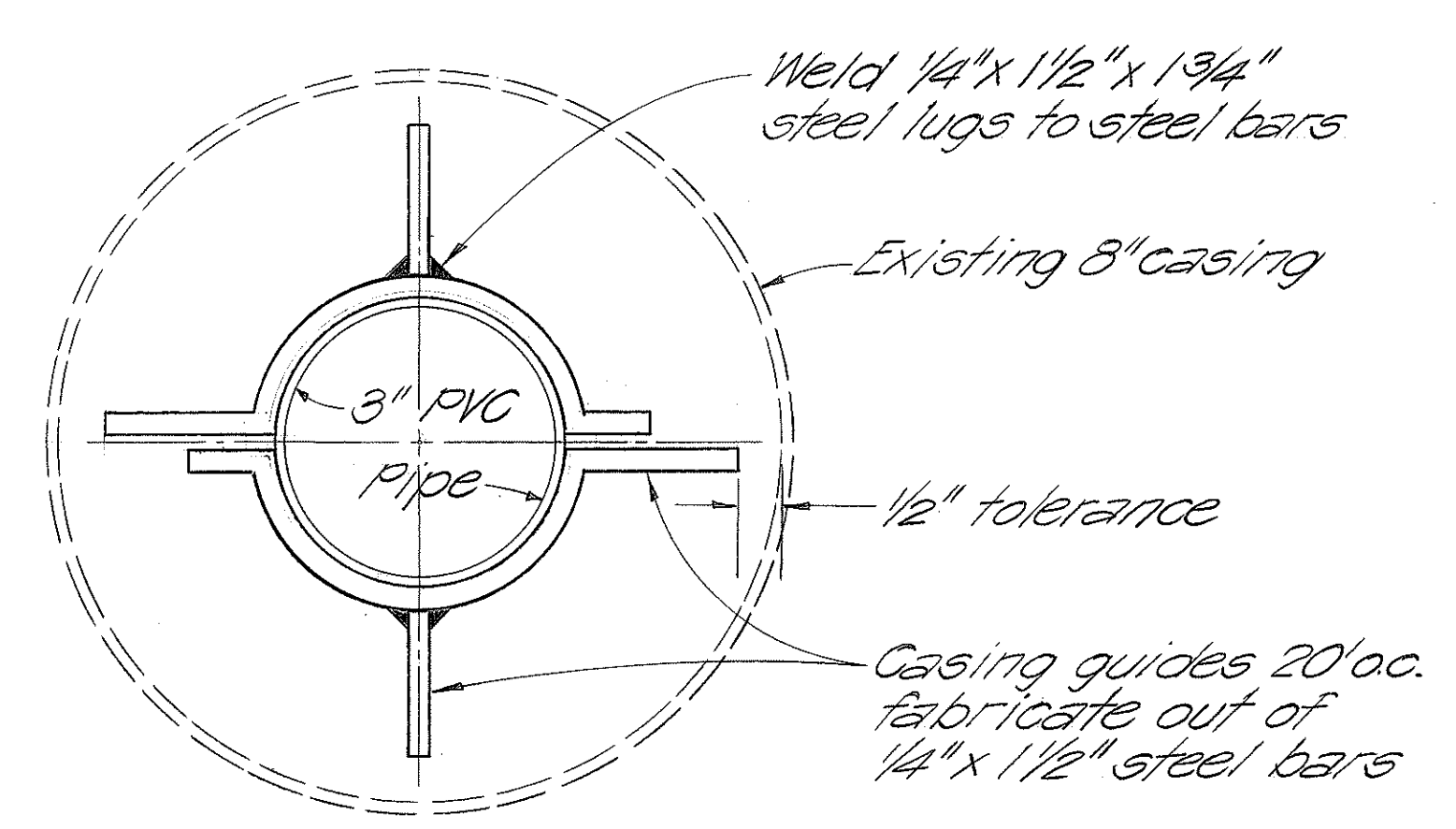
WELL CAP DETAIL
Scale: 6"=1'-0"



PVC PIPE JOINT DETAIL
Scale: 6"=1'-0"

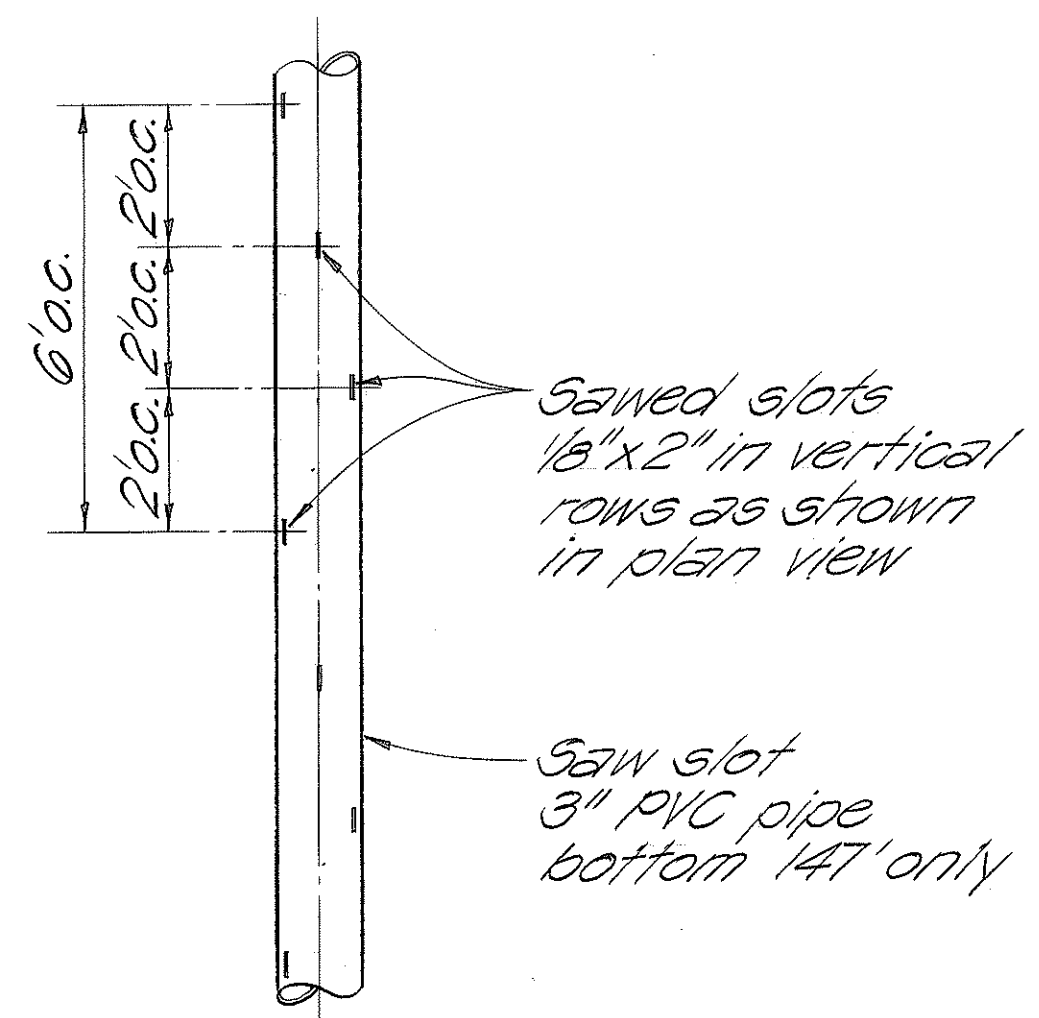


ELEVATION

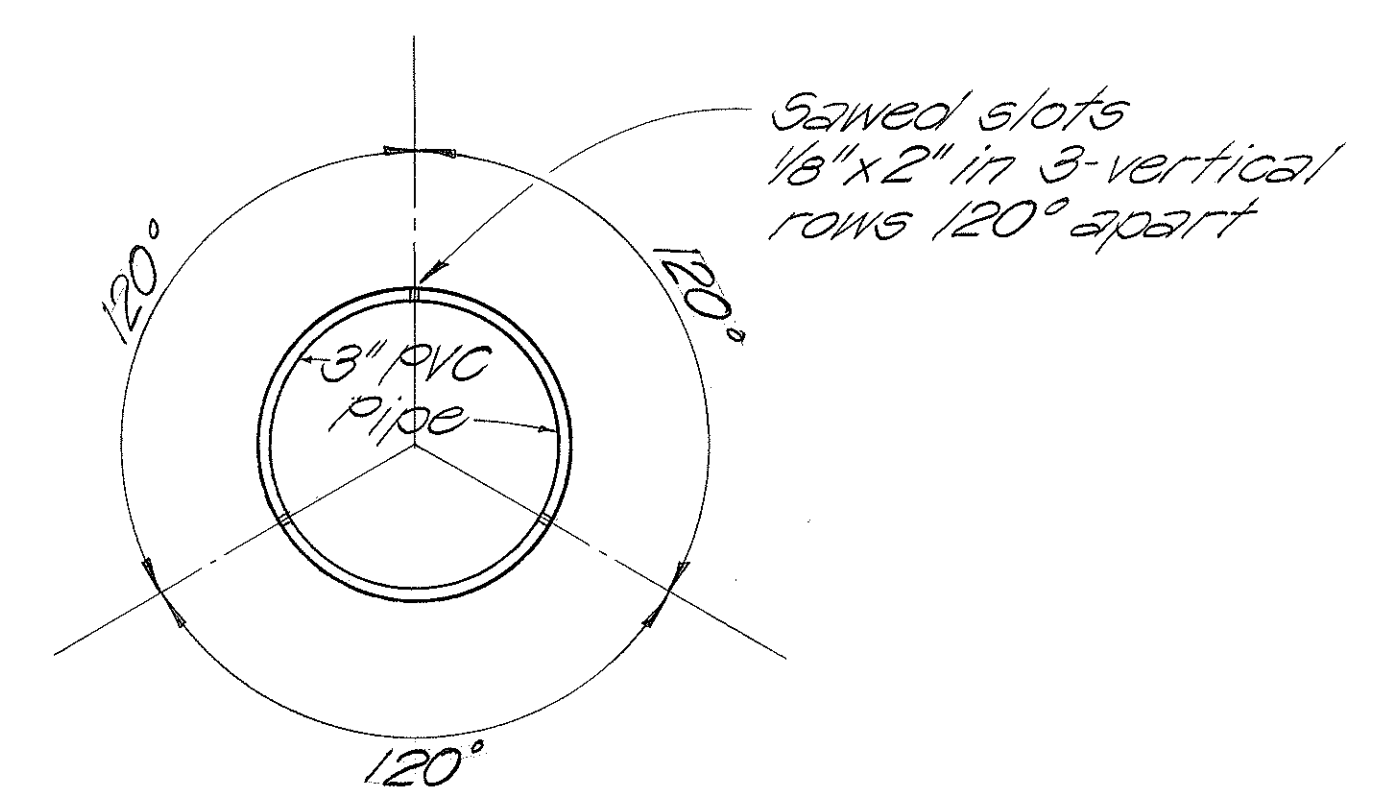


PLAN

CASING GUIDE DETAILS
Scale: 6"=1'-0"



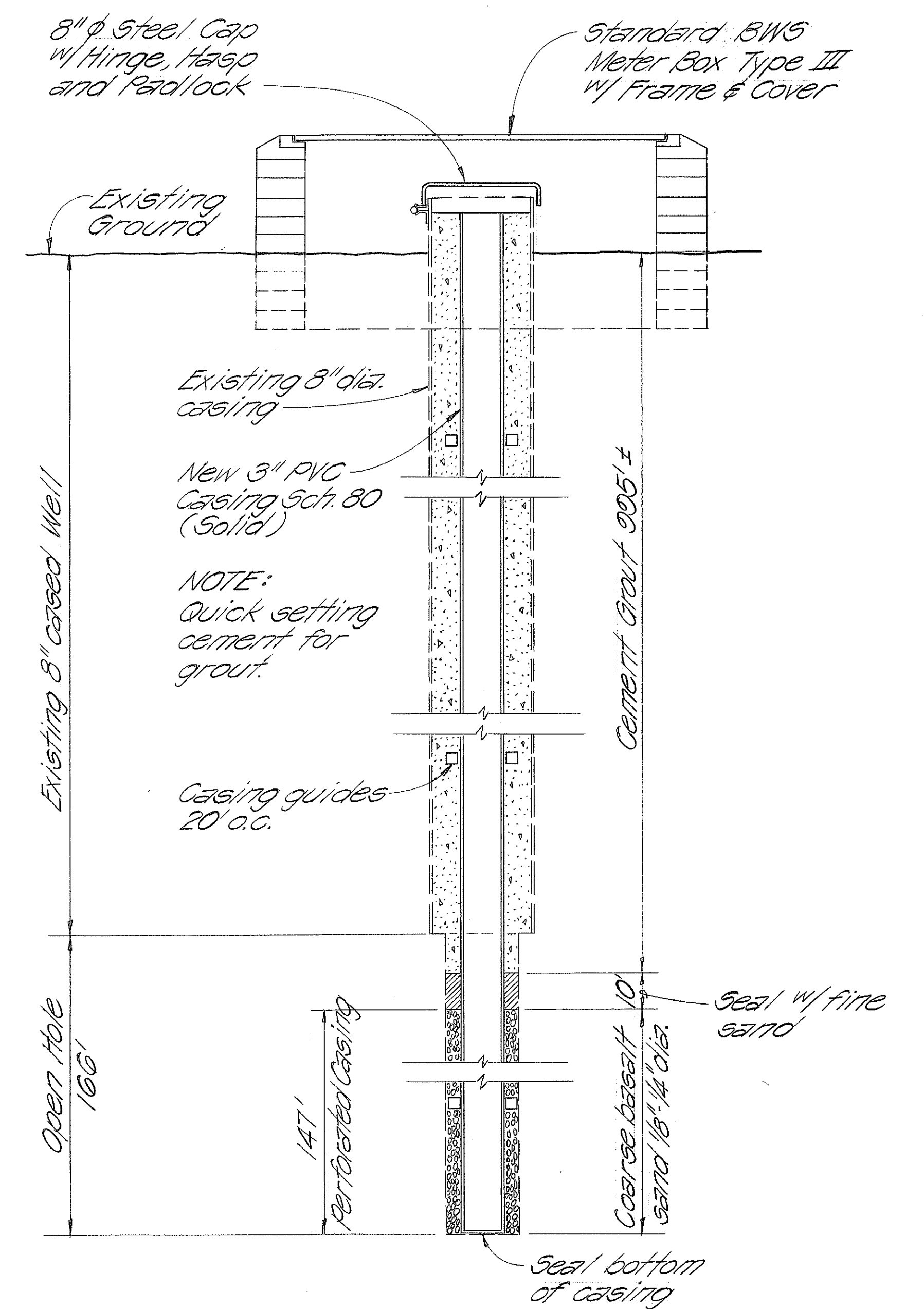
ELEVATION
Not to Scale



PLAN

Scale: 6"=1'-0"

CASING PERFORATION DETAILS



SEALING OF WELL
Not to Scale

Note: Plan sheet #2 is good only for Alternate II

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALA MOANA BOULEVARD
WELL CASING AND
MISCELLANEOUS DETAILS
PROJ. NO. 92A-03-81
Scale as shown Date: