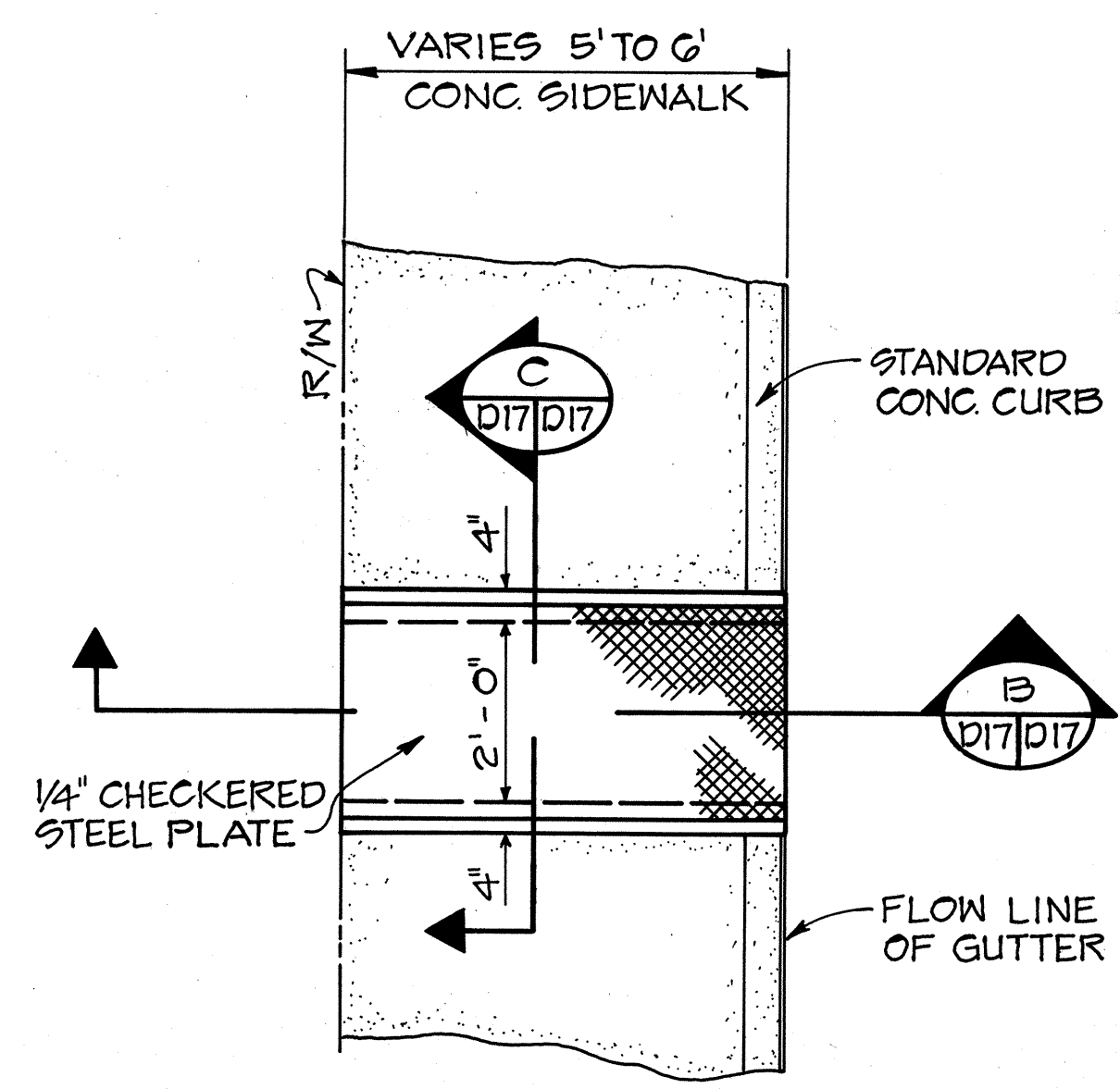
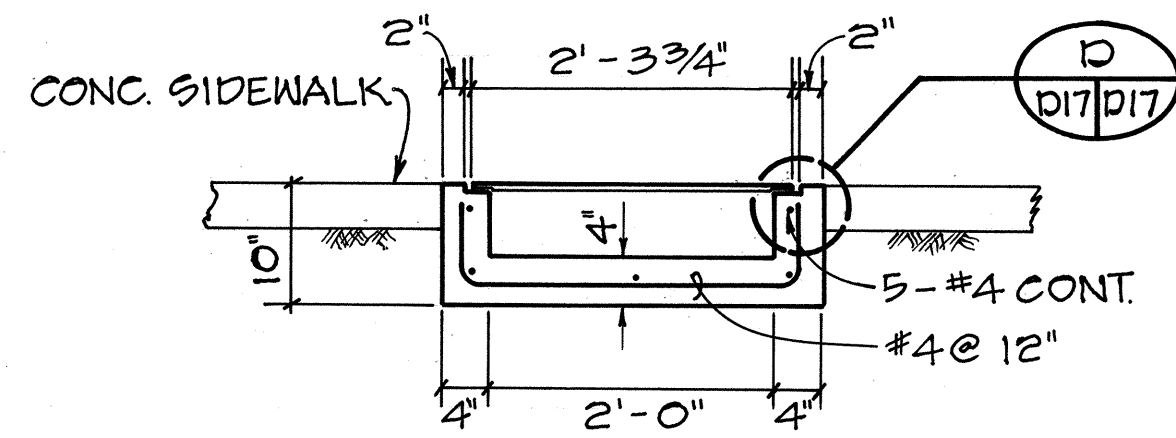


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	42	173

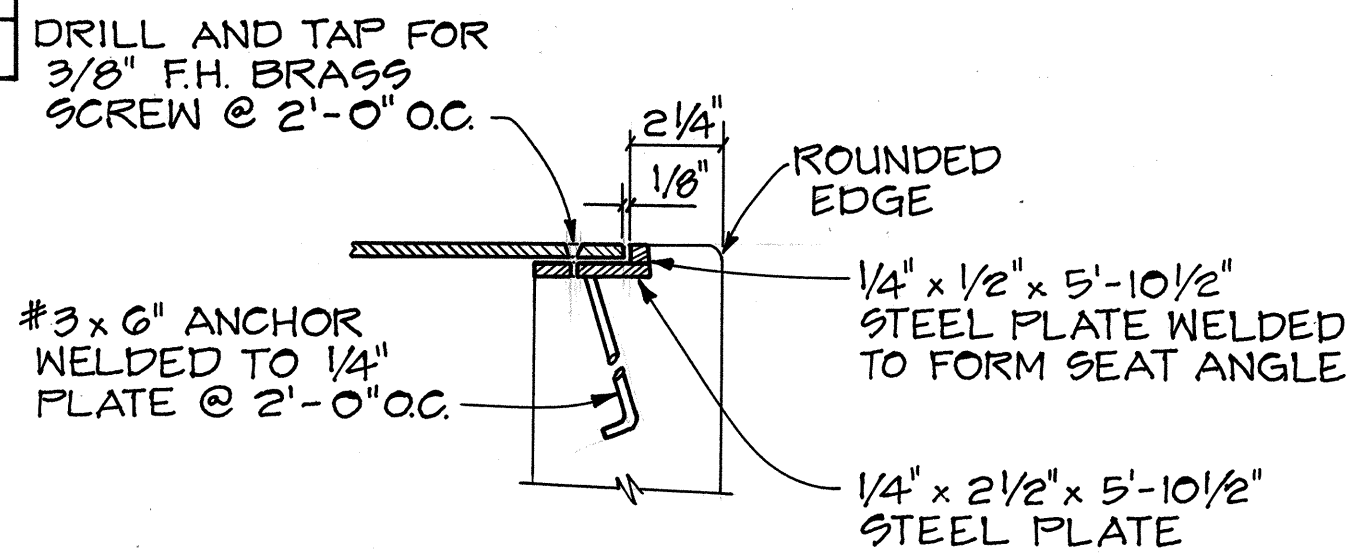


A PLAN
D17/D17

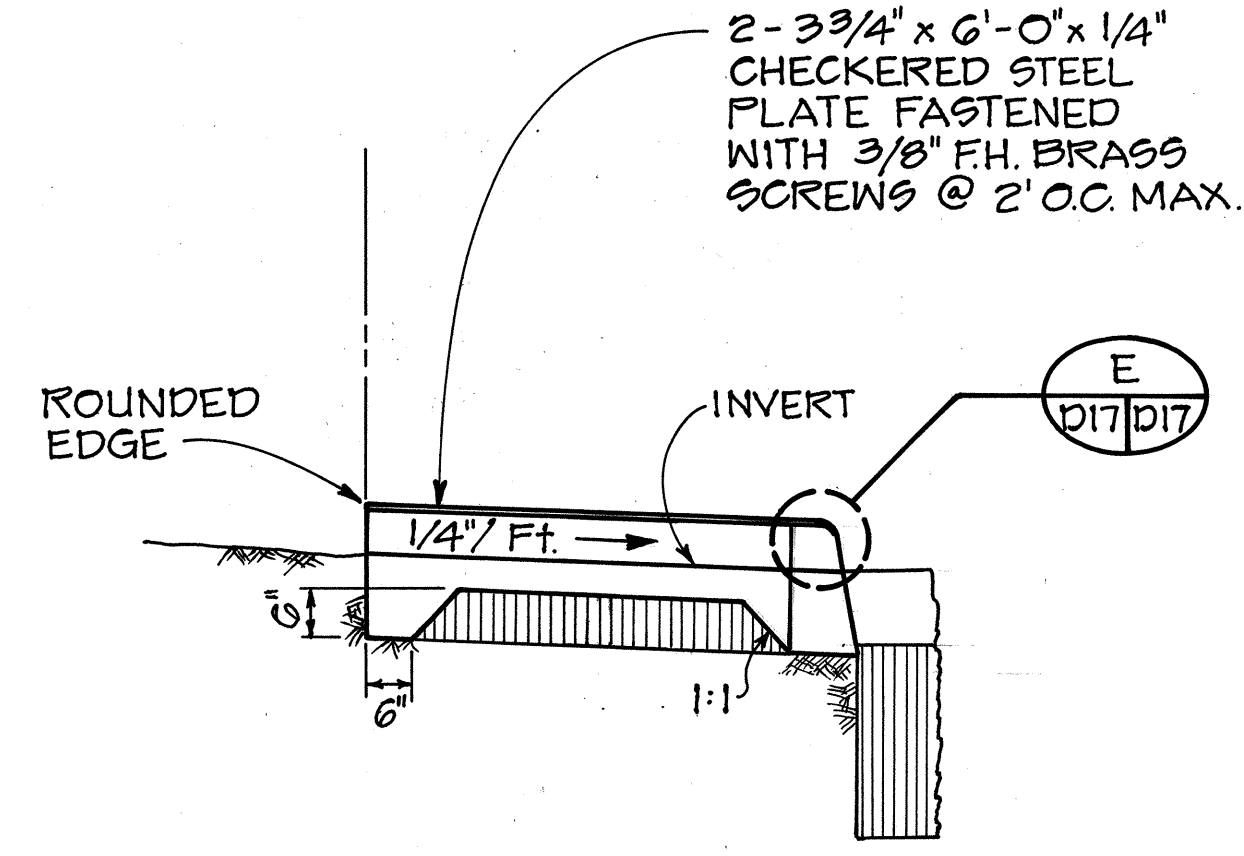
SIDWALK CULVERT LOCATIONS
STA. 125+70 LT.
STA. 126+44 LT.
STA. 127+08 LT.
STA. 127+28 LT.
STA. 127+79 LT.
STA. 128+98 LT.
STA. 130+05 LT.
STA. 130+65 LT.
STA. 141+86 LT.
STA. 146+23 LT.
STA. 146+70 LT.
STA. 147+06 LT.
STA. 148+64 LT.
STA. 149+41 LT.
STA. 150+27 LT.
STA. 151+00 LT.
STA. 161+77 LT.
STA. 162+25 LT.
STA. 163+10 LT.
STA. 163+27 RT.
STA. 164+00 LT.
STA. 164+32 LT.
STA. 168+10 LT.
STA. 169+52 LT.
TOTAL NO. 24



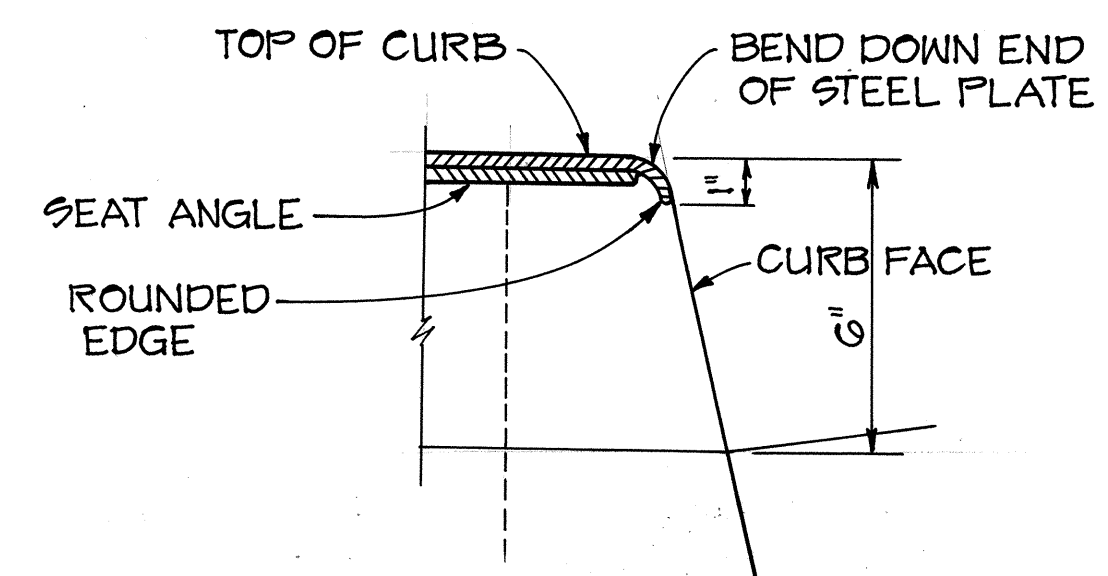
C SECTION
D17/D17 SCALE: 3/4" = 1'-0"



D SEAT DETAIL
D17/D17 SCALE: 3" = 1'-0"

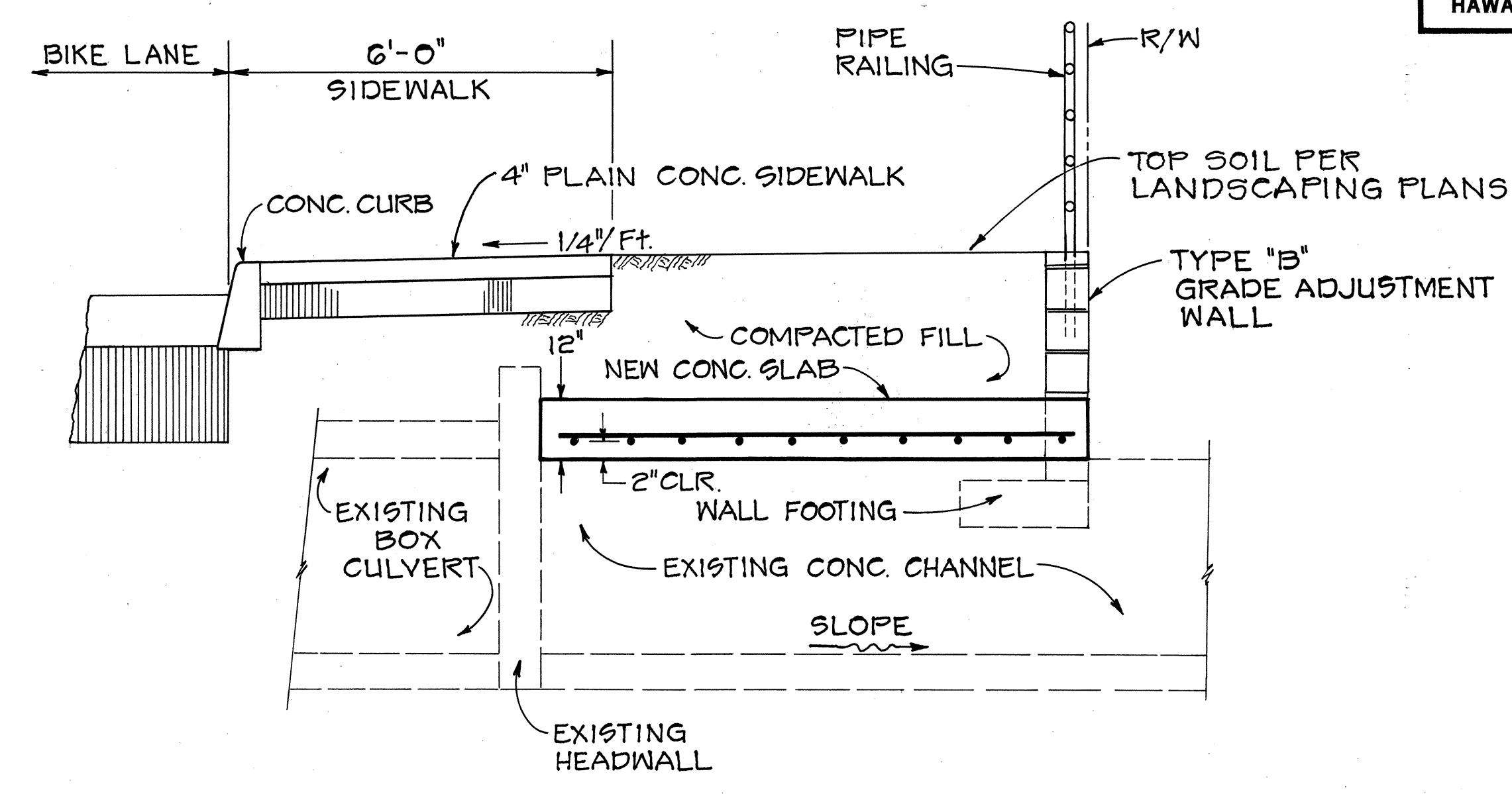


B ELEVATION
D17/D17

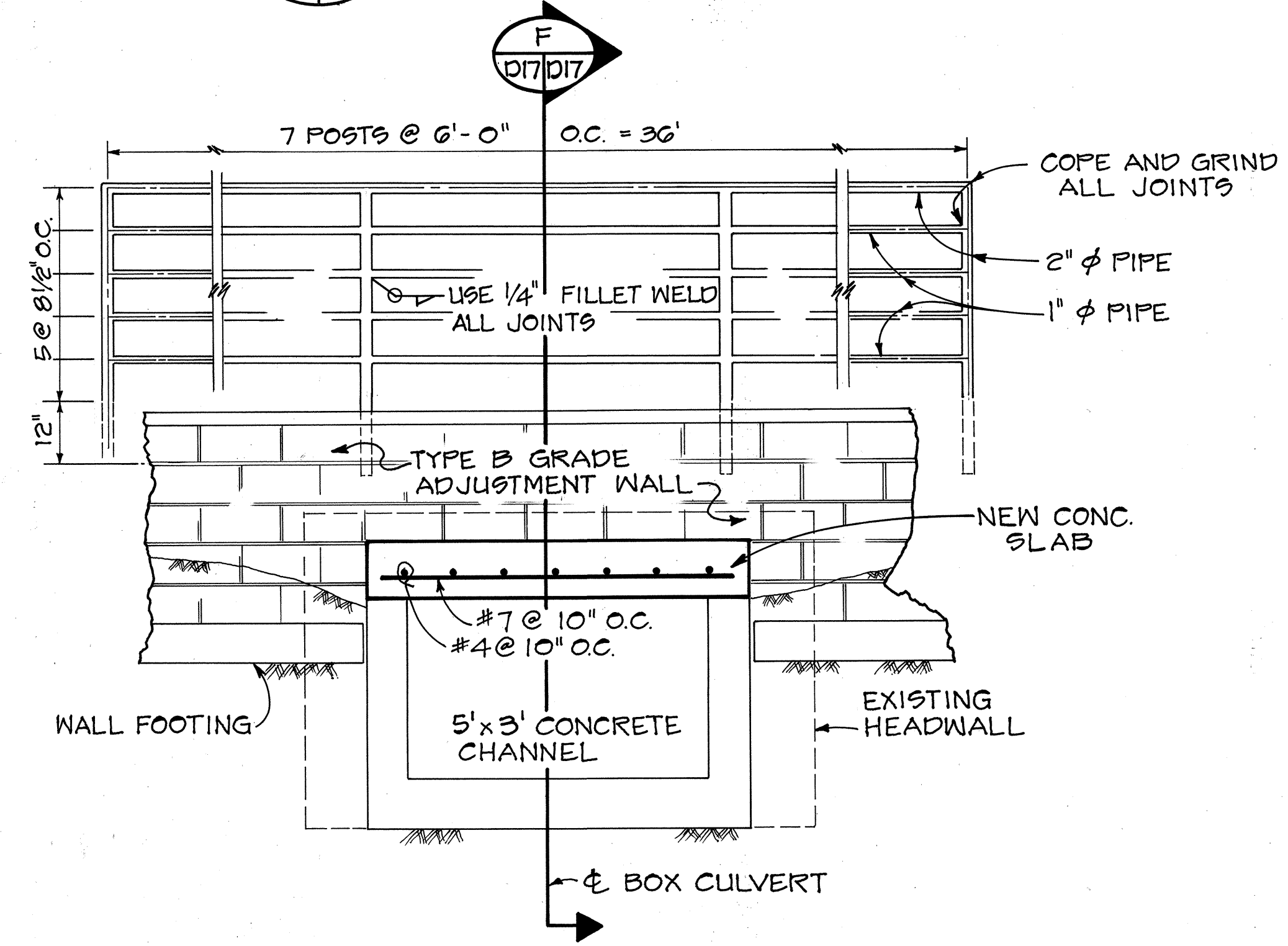


E EDGE DETAIL
D17/D17 SCALE: 3" = 1'-0"

I INDIVIDUAL SIDWALK CULVERT
D4/D17 SCALE: 1/2" = 1'-0"

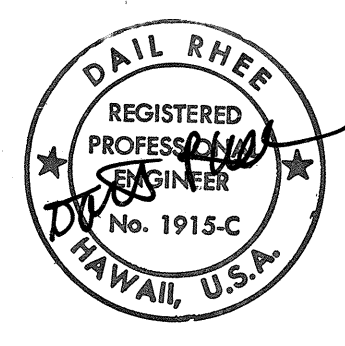


F SECTION
D17/D17



G UPSTREAM ELEVATION
D17/D17

NEW TOP SLAB CONC. CHANNEL @ STA. 132+40± 2
SCALE: 1/2" = 1'-0" D2/D17



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

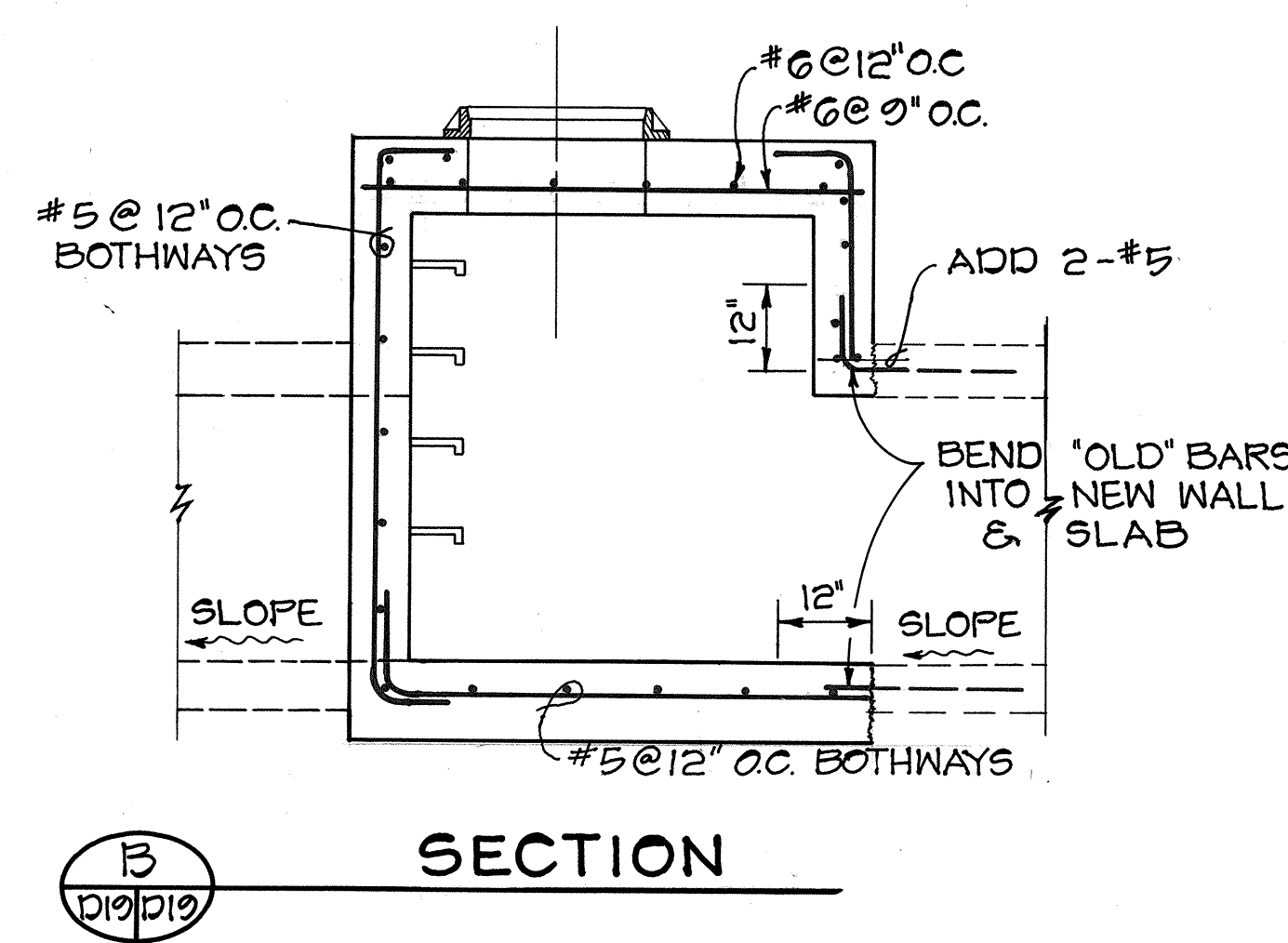
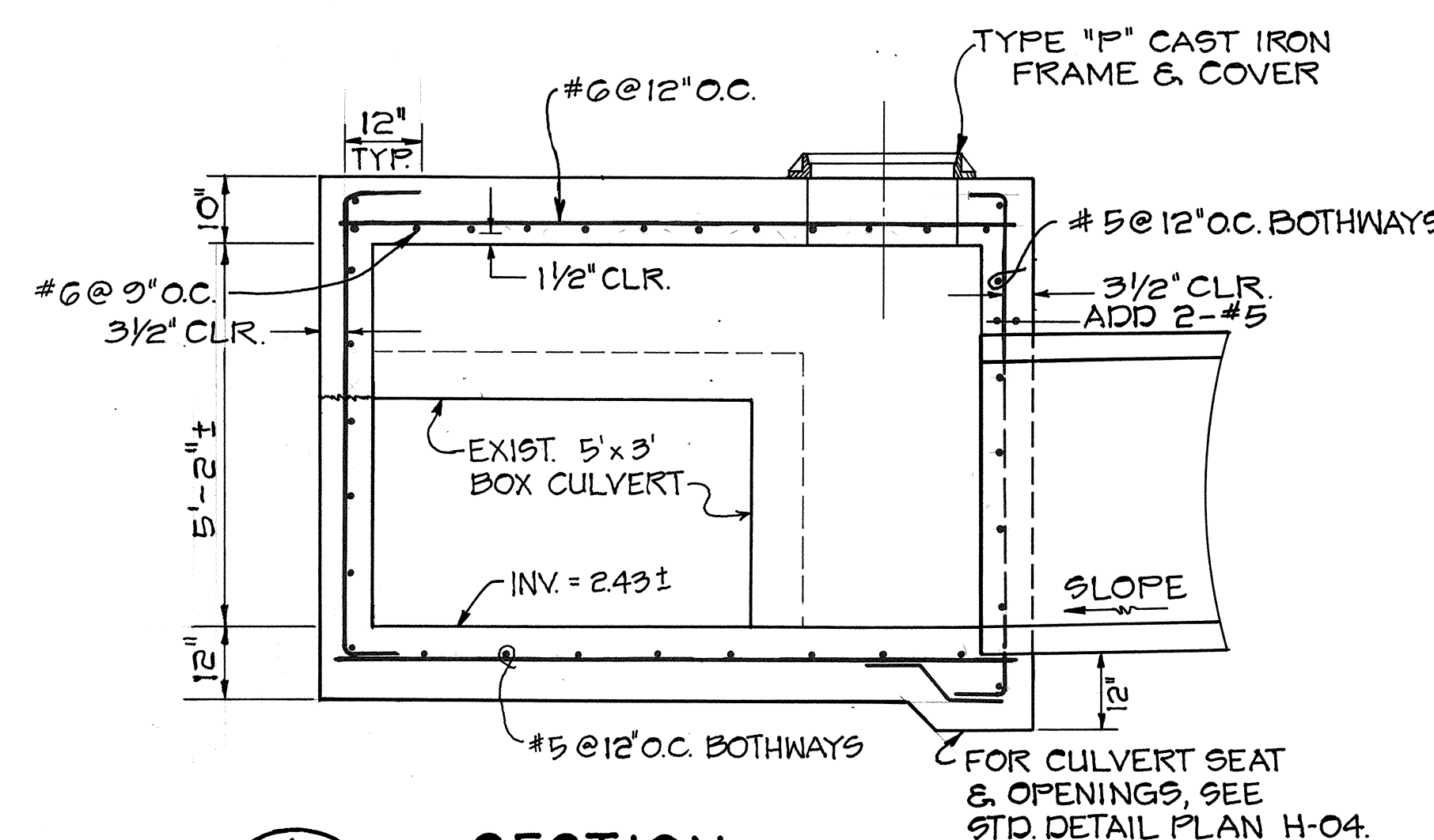
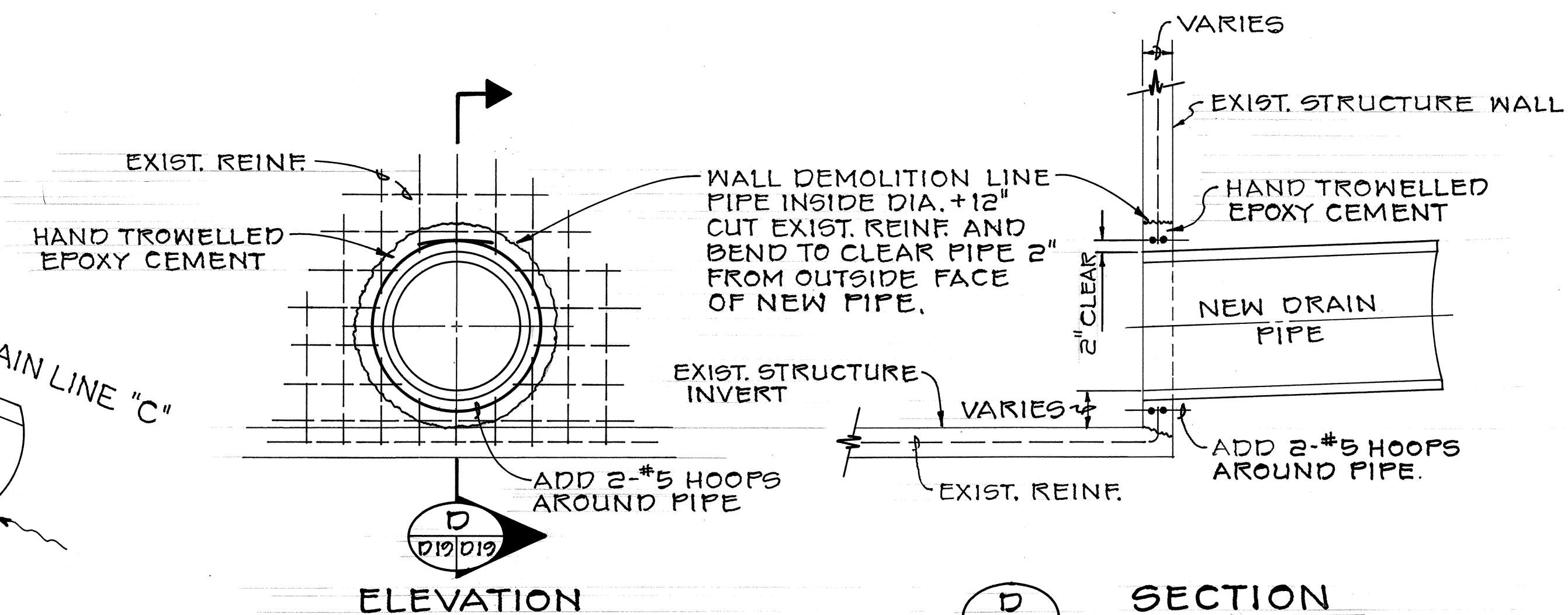
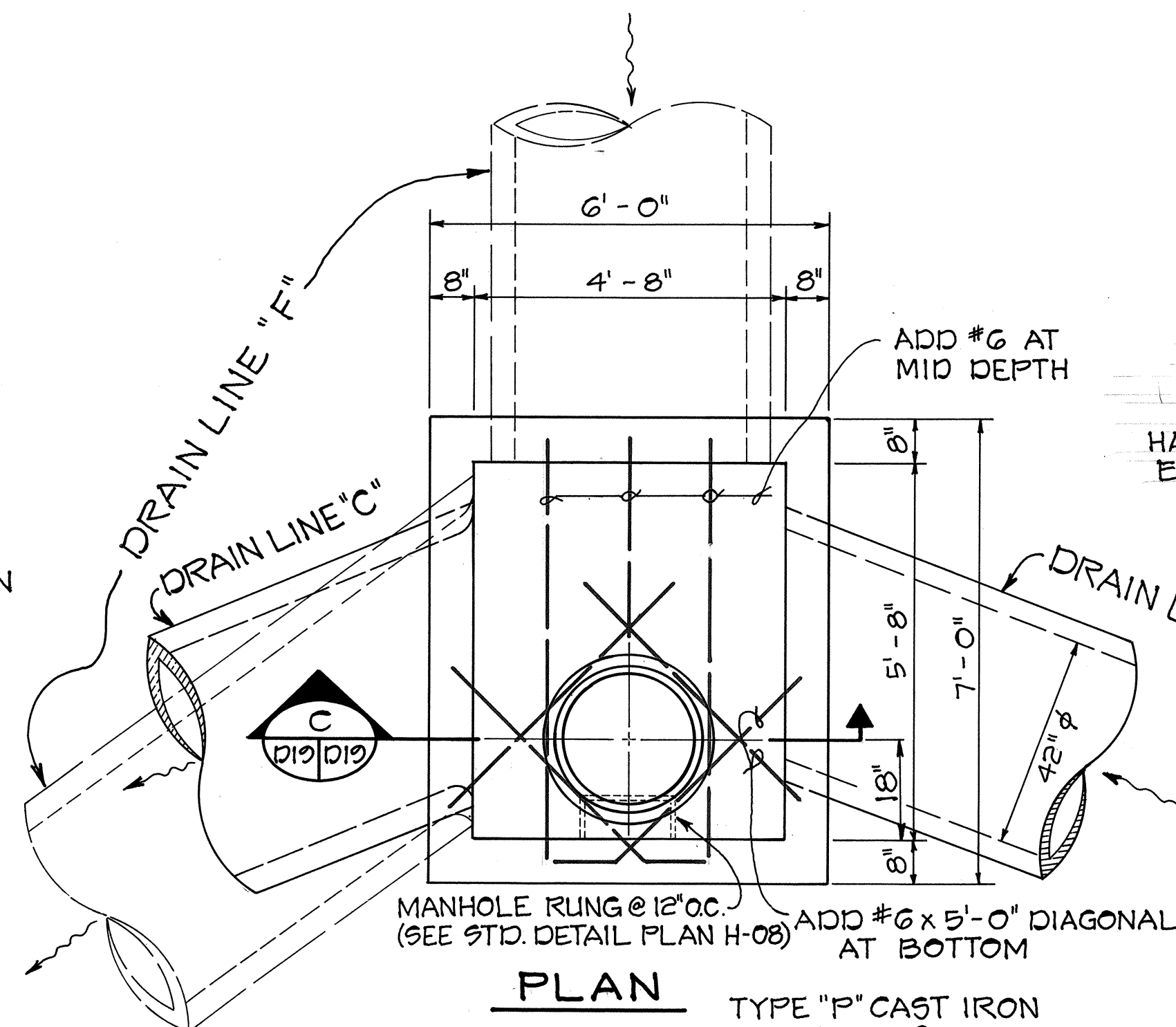
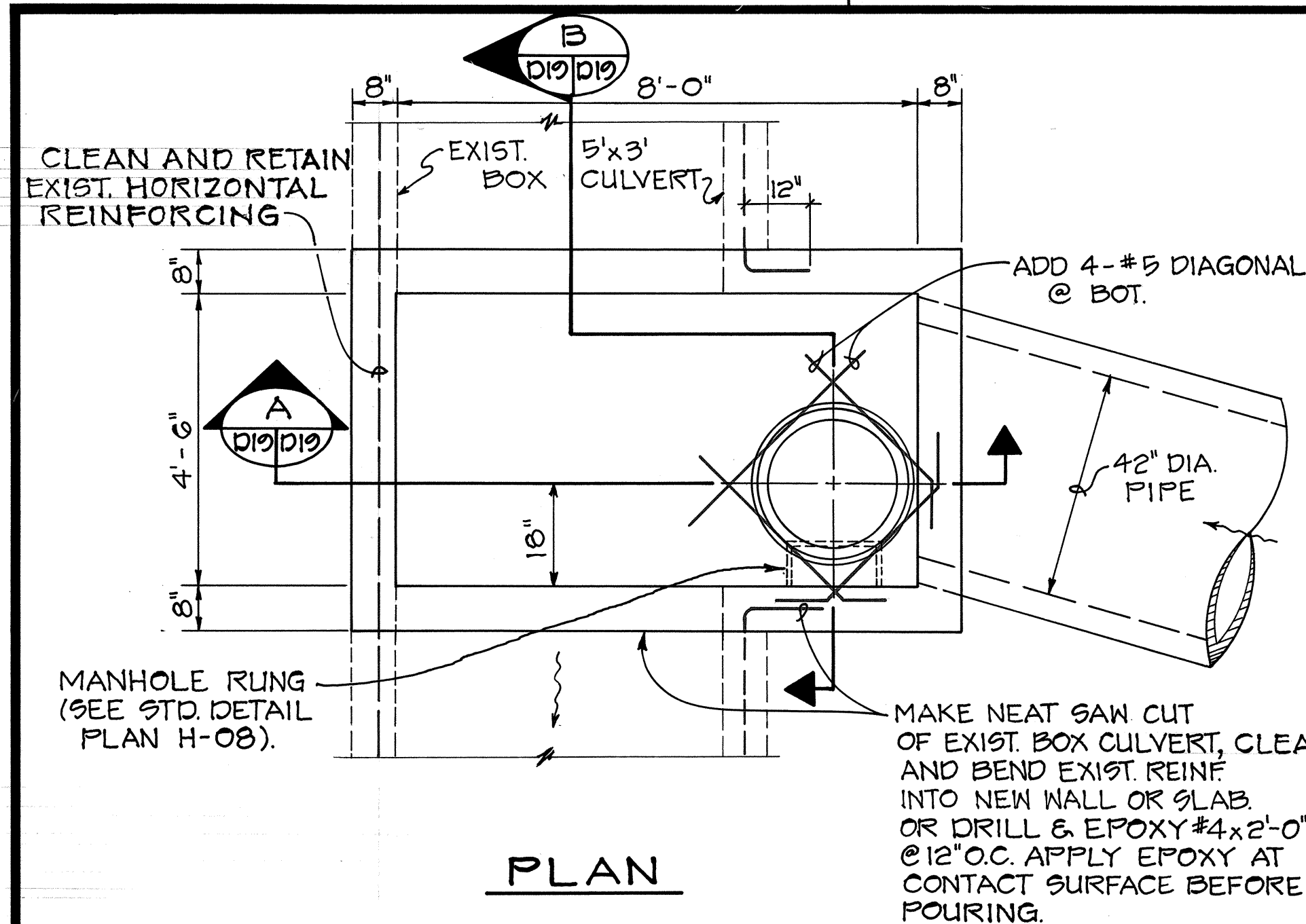
DRAINAGE DETAILS

KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F.A. PROJECT NO. F-072-1(34)B
SCALE: AS NOTED DATE:

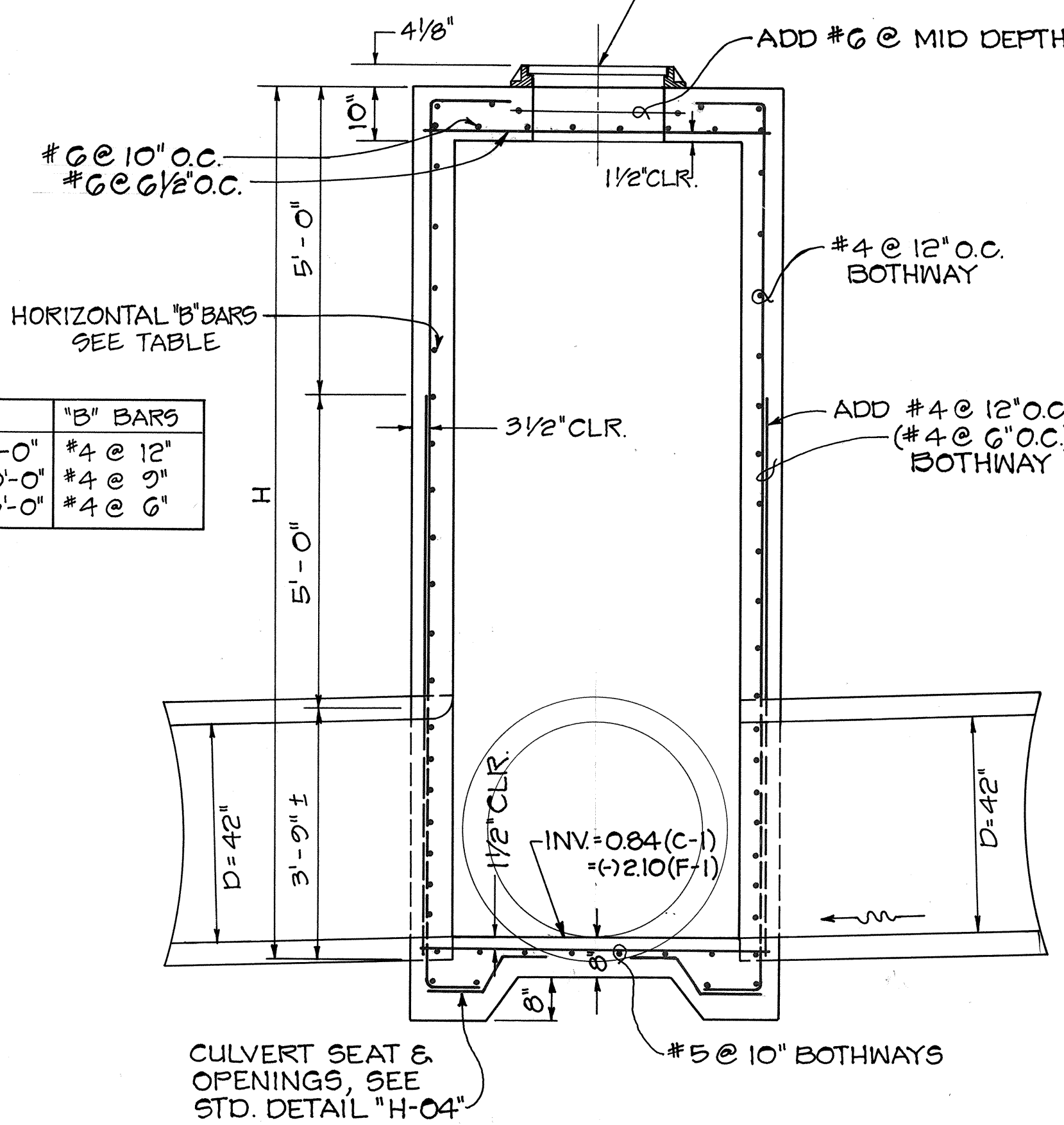
SHEET NO. D-17 OF 23 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	44	193



H	"B" BARS
0'-0" TO 5'-0"	#4 @ 12"
5'-1" TO 10'-0"	#4 @ 9"
10'-1" TO 15'-0"	#4 @ 6"



SPECIAL DRAIN MANHOLE "BI"

SCALE: $1/2" = 1' - 0"$


SECTION
 SPECIAL DRAIN MANHOLE "C-1" & "F-1"

SCALE: $1/2" = 1'-0"$

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F.A. PROJECT NO. F-072-1(34)B

SCALE : AS NOTED DATE: _____

SHEET No. 0-19 OF 23 SHEETS

44