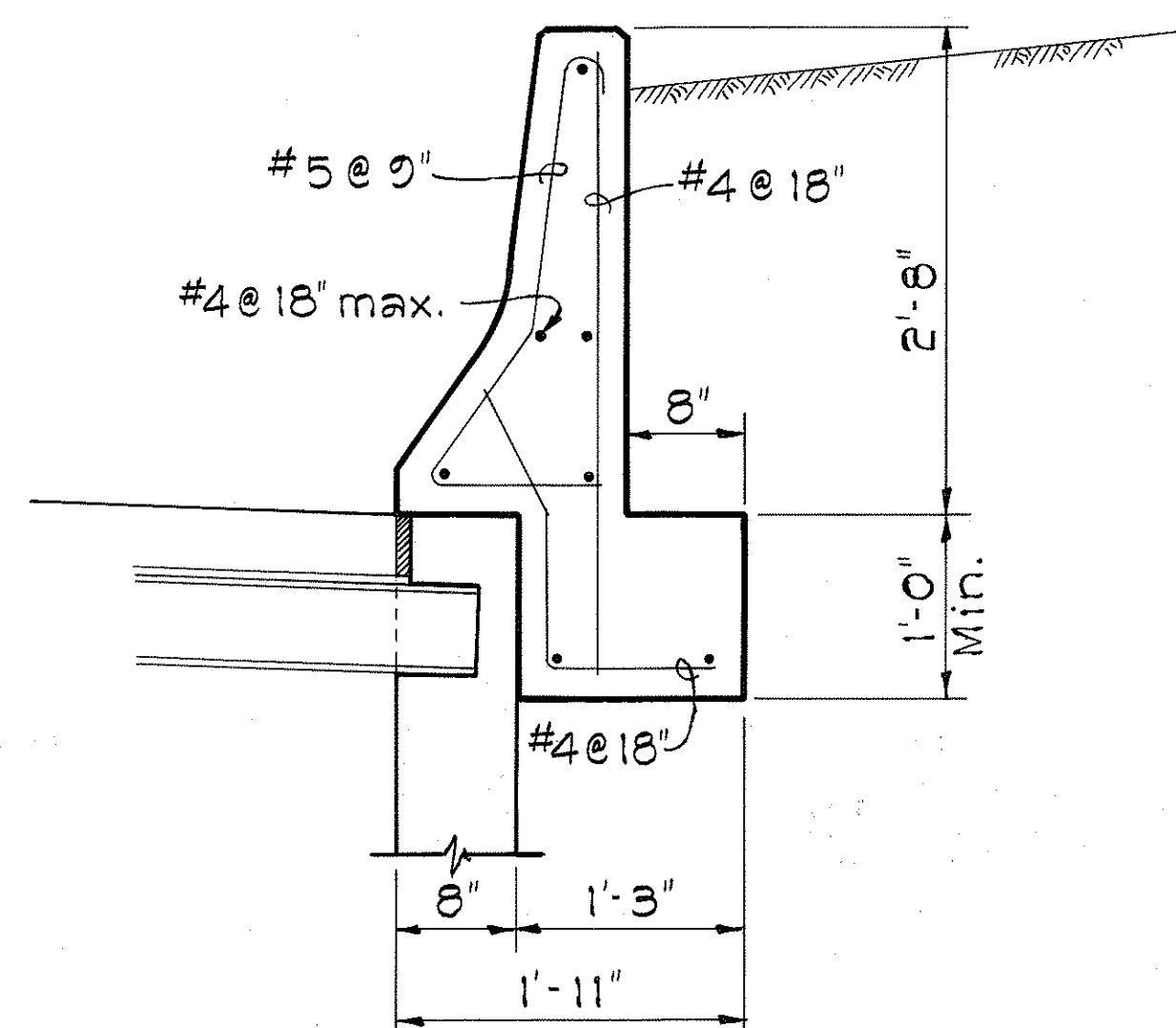
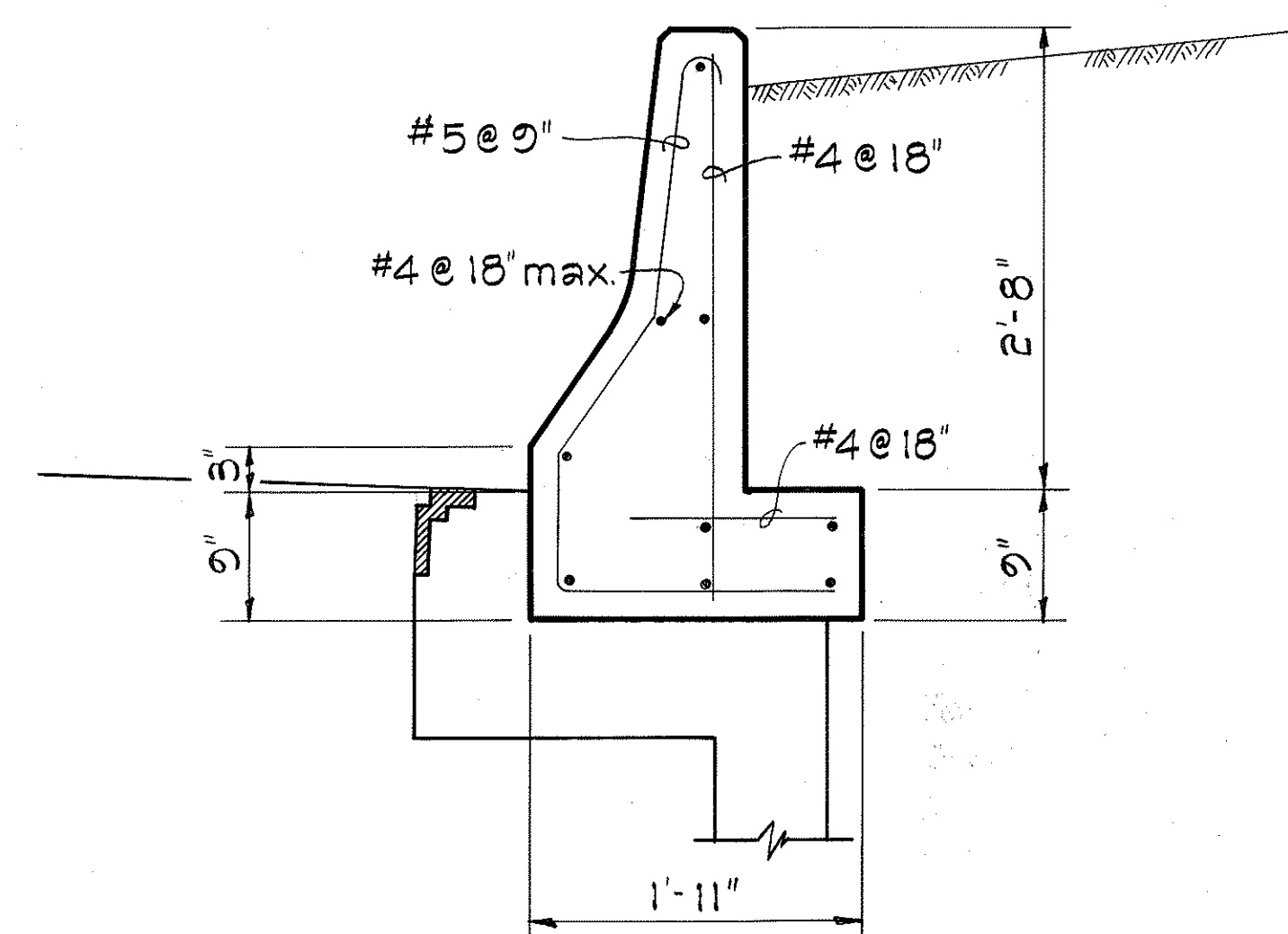


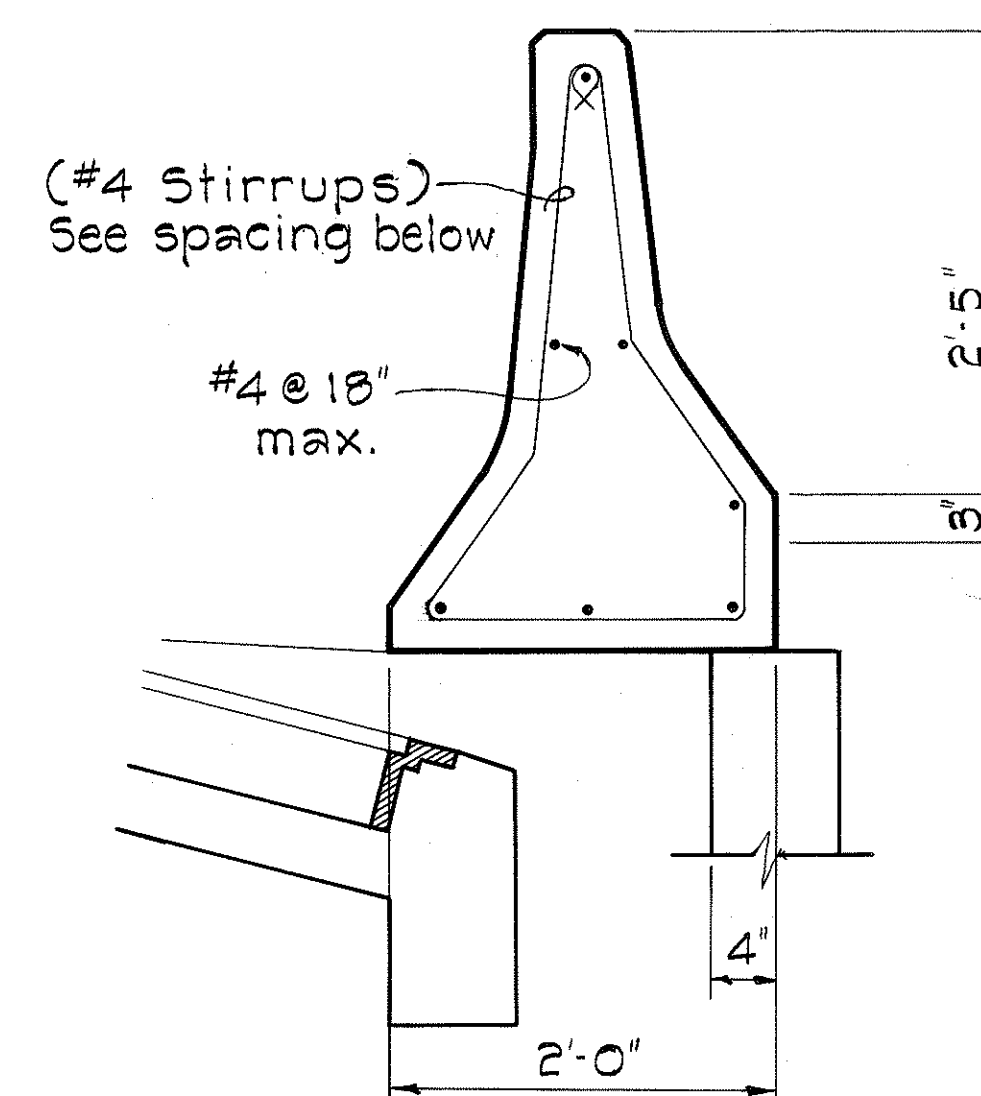
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(57)18	1972	29	171



TYPE 4E OVER:
C.B. #11 @ STA. 358+00
C.B. #25 @ STA. 13+50
C.B. #17 @ STA. 9+50
Scale: 1" = 1'-0"

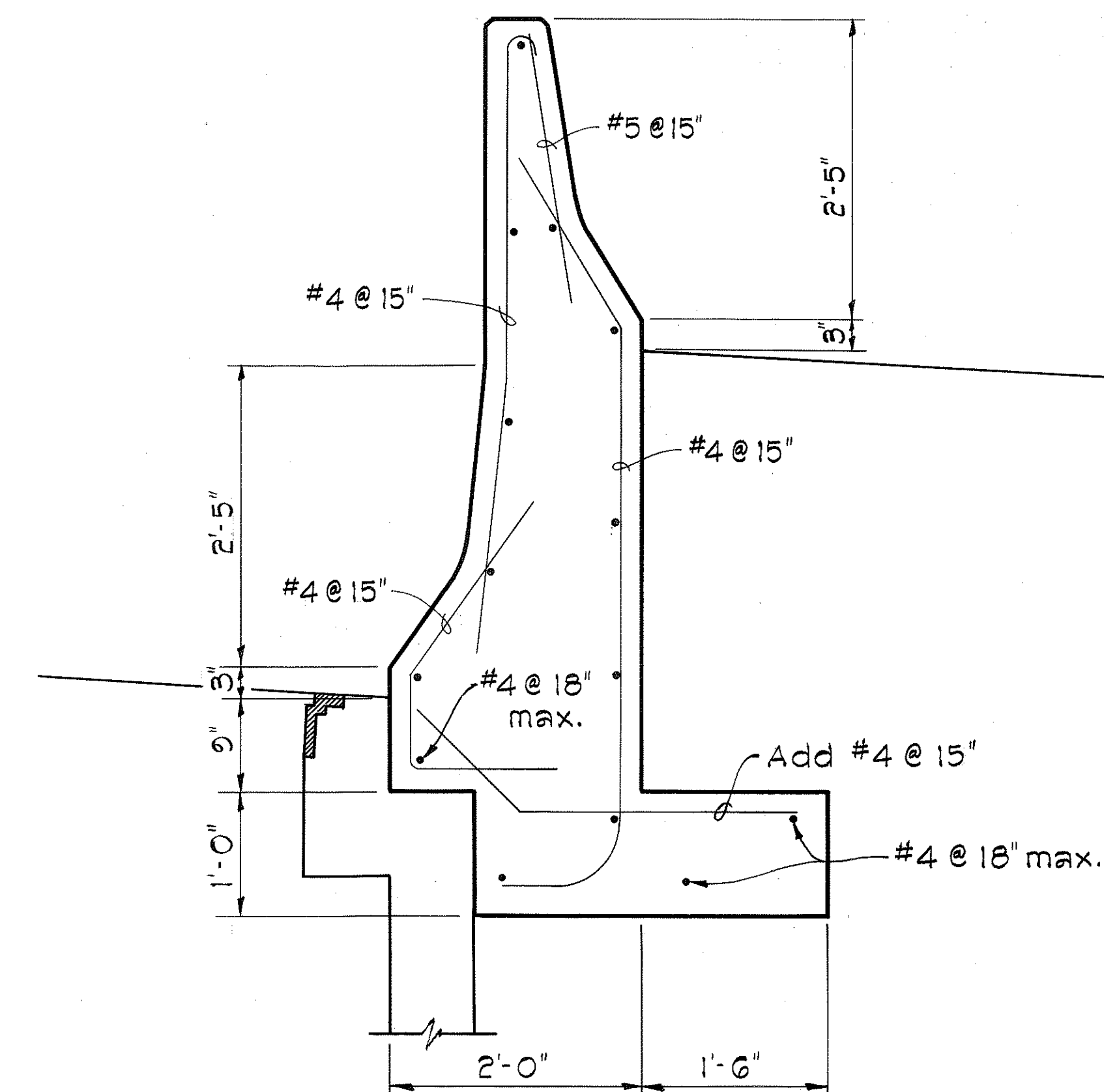


TYPE 4E OVER:
S.D.M.H. #5 @ STA. 359+01.49
S.D.M.H. #14 @ STA. 16+00
Scale: 1" = 1'-0"



TYPE 4C OVER:
C.B. #32 @ STA. 18+45
Scale: 1" = 1'-0"

Diagram details: Culvert Ends, Balance @ 12", (CLOSED STIRRUPS), #4 @ 6" (2' and 3' segments), #4 @ 6" (3' segment), #4 @ 6" (2' segment).



TYPE 4D OVER:
S.D.M.H. #14A @ STA. 17+25
Scale: 1" = 1'-0"

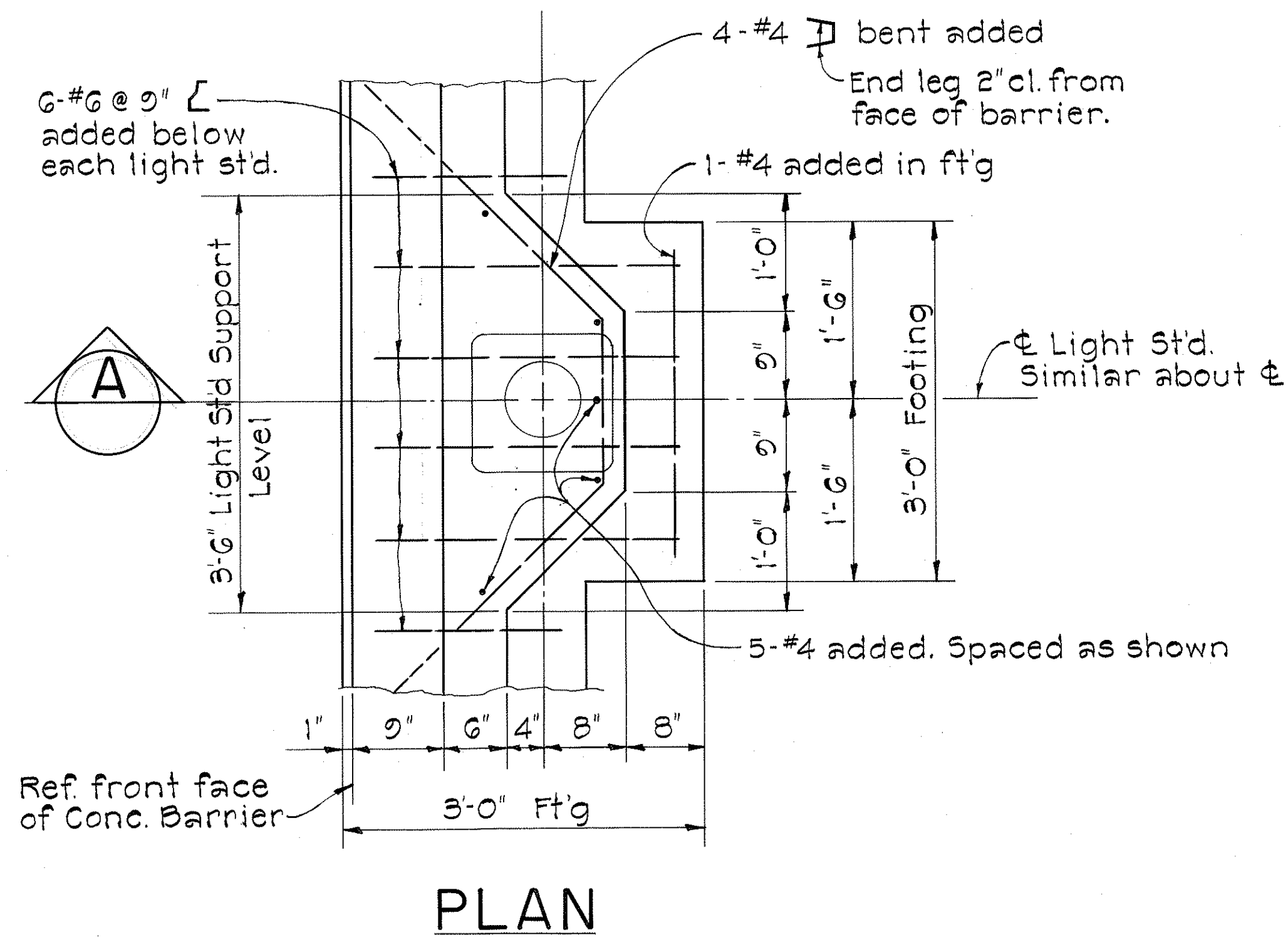
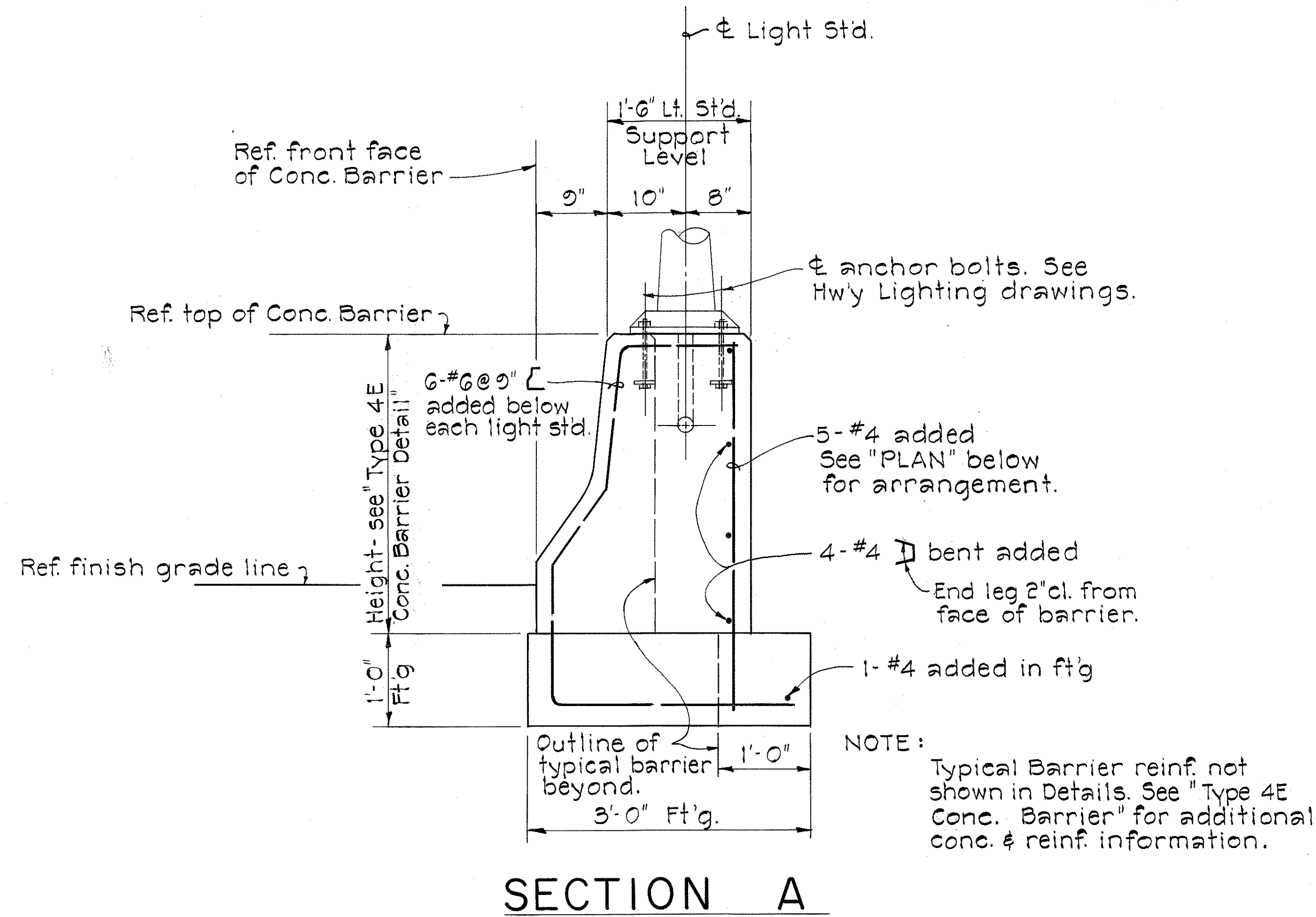
GENERAL NOTES:

1. No vertical construction joints within and 2' outside of these sections.
2. For barrier dimensions see Sheet Nos. 28 and 43.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GUARD RAIL
MODIFIED TYPE 4
AT DRAINAGE STRUCTURES
(RIGID BARRIER)
F.A.I. PROJECT NO. I-HI-1(57)18
Scale as noted
SHEET No. 6 OF 21 SHEETS

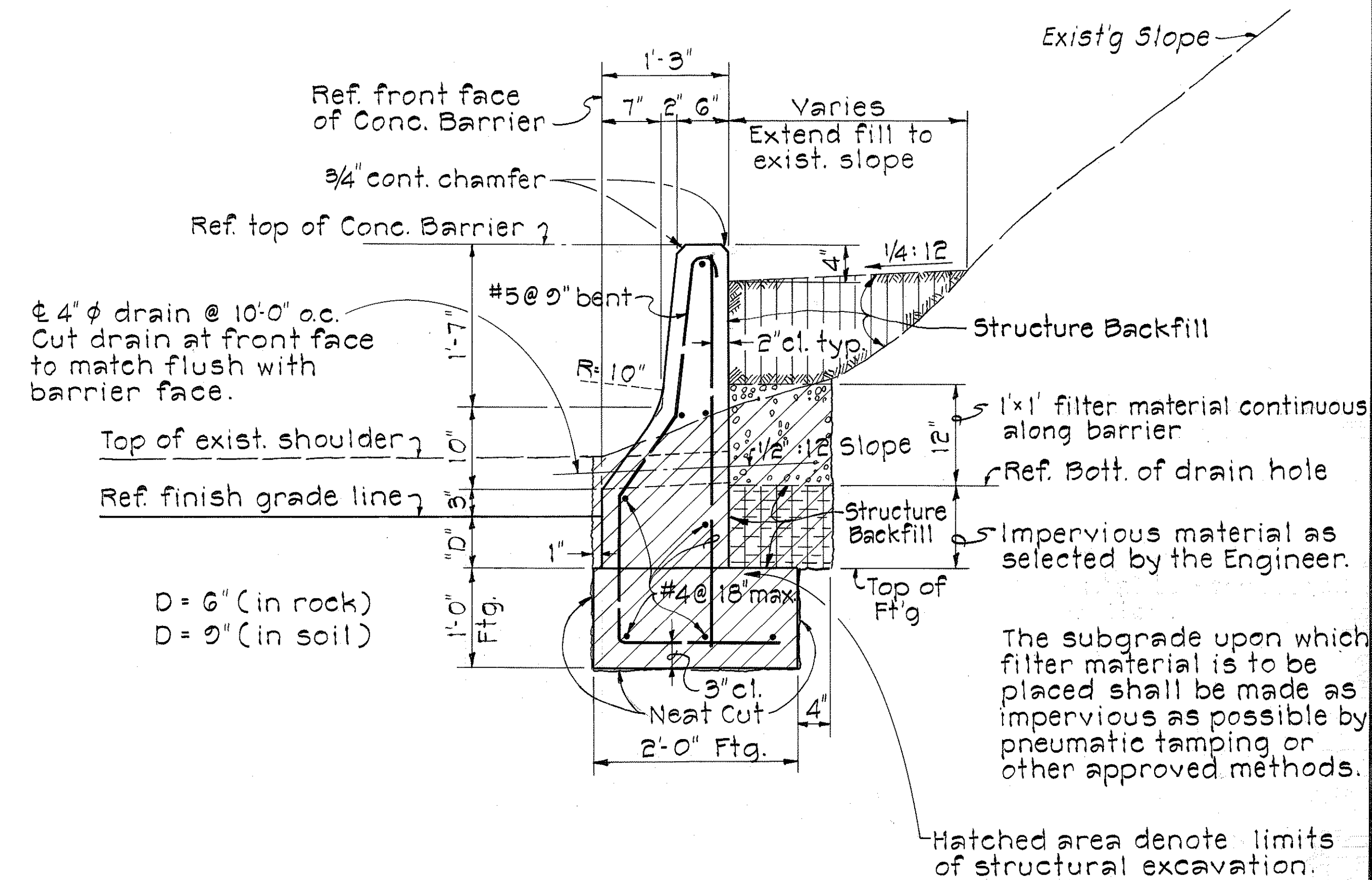
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(57)18	1973		



TYPICAL LIGHT STANDARD SUPPORT DETAIL FOR TYPE 4E CONCRETE BARRIER

Scale: 1" = 1'-0"



- NOTE:
- For optional Construction Joint Details, Expansion, Control Joint and Key Details, see Standard Details for Guard Rail, Type 4.
 - Payment limits of Structure Backfill denoted by vertical lines.

TYPE 4E CONCRETE BARRIER

Scale: 1" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARD RAIL
TYPE 4E
(RIGID BARRIER)

F.A.I. PROJECT NO. I-HI-1(57)18

Scale as noted

SHEET No. OF SHEETS

DATE	BY
	DESIGNED BY
	CHECKED BY
	NOTED BY
	QUANTITIES BY
	ORIGINAL PLAN
	NO. 1