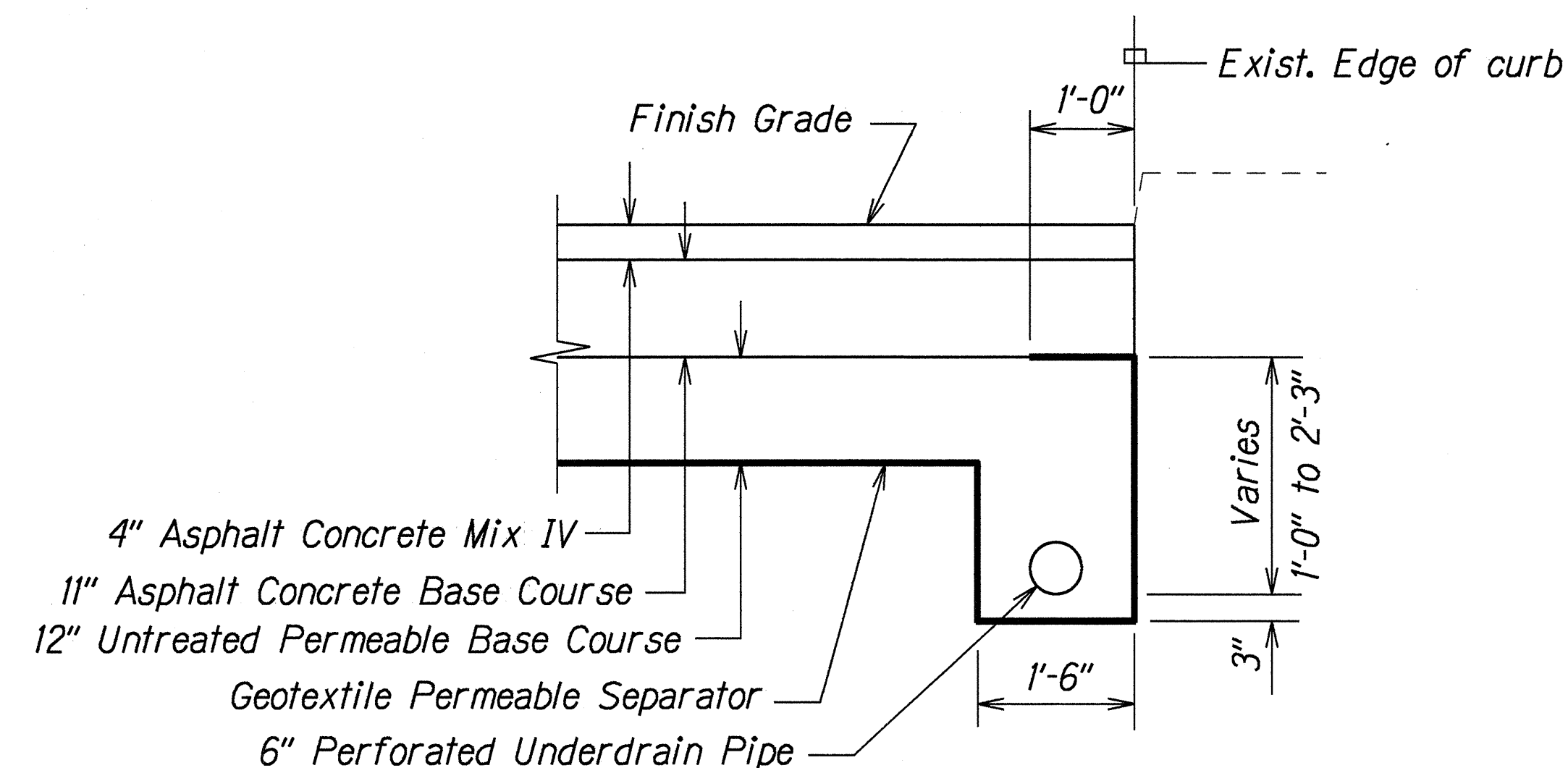
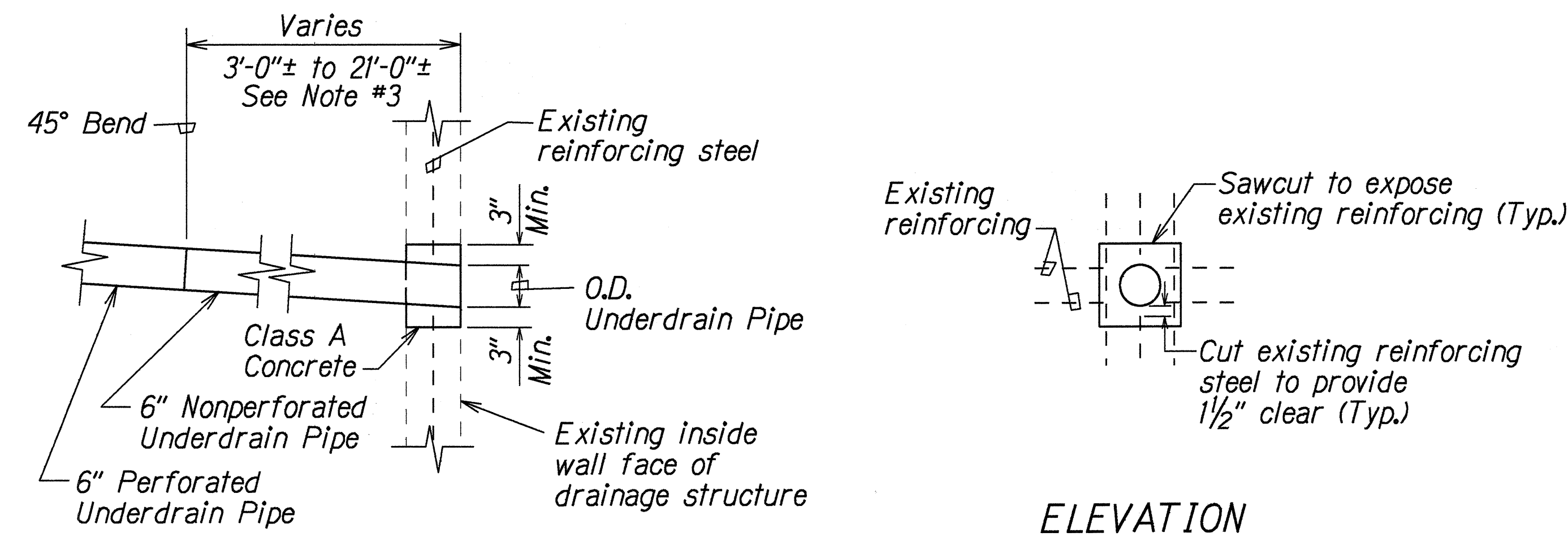


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-724(1)	1995	25	42



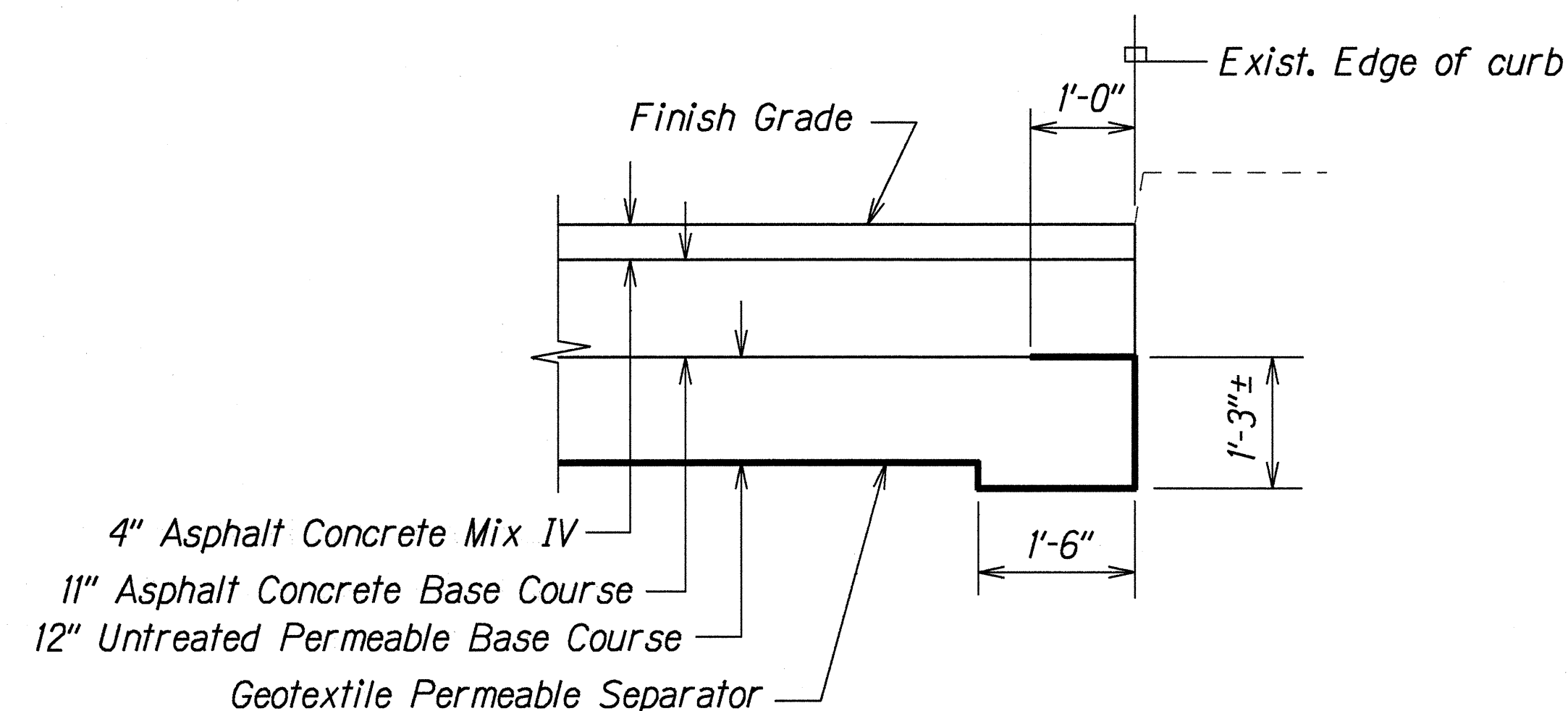
TYPICAL SECTION OF UNDERDRAIN @
Sta. 27+82± Lt. to Sta. 33+36± Lt.
Sta. 35+06± Lt. to Sta. 36+26± Lt.
Sta. 28+08± Rt. to Sta. 32+18± Rt.



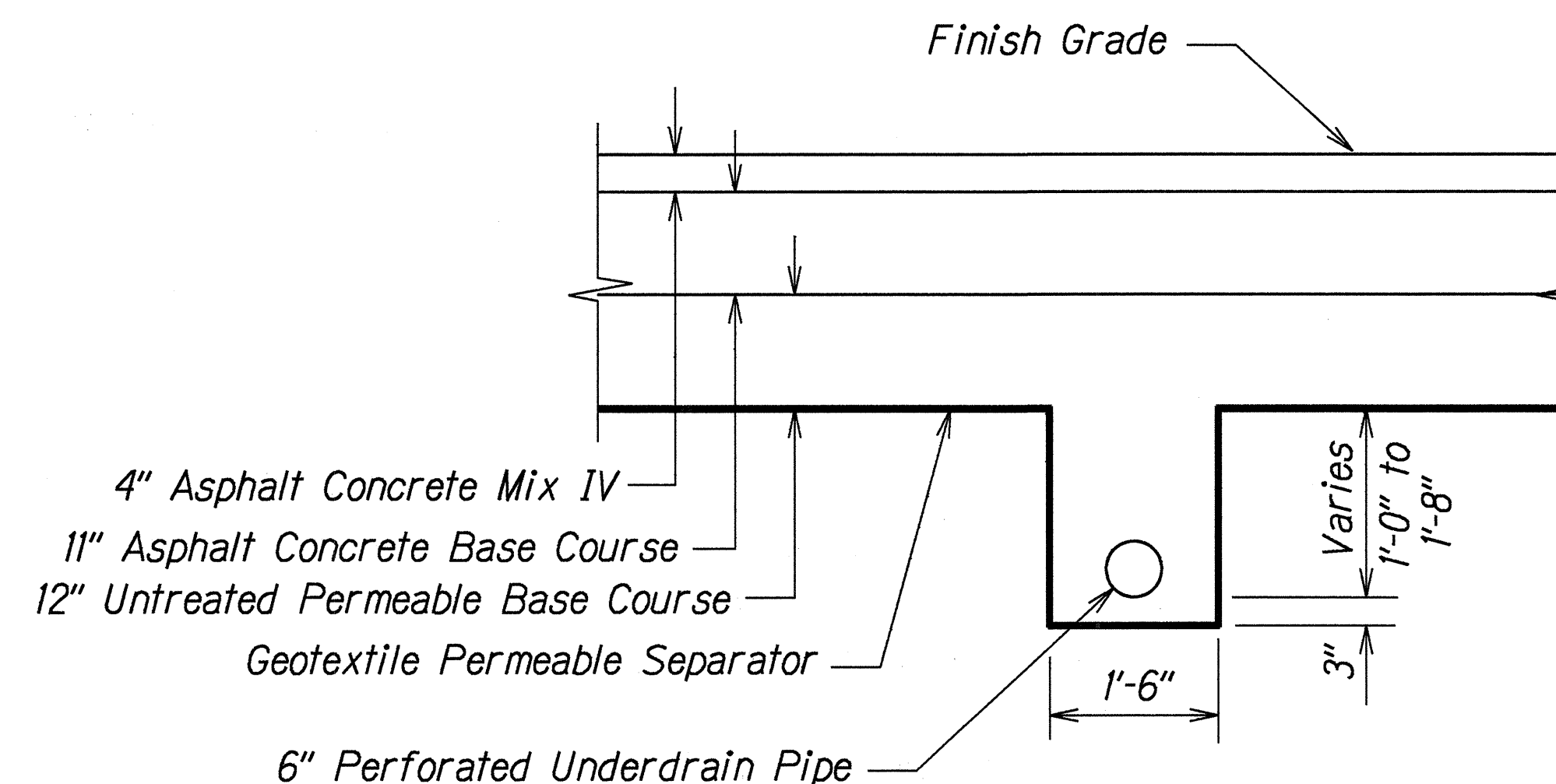
SECTION

TYPICAL DETAIL OF UNDERDRAIN CONNECTION
TO EXISTING DRAINAGE STRUCTURE

ELEVATION



TYPICAL SECTION OF UNDERDRAIN @
Sta. 32+18± Rt. to Sta. 36+22± Rt.
Sta. 33+36± Lt. to Sta. 35+04± Lt.

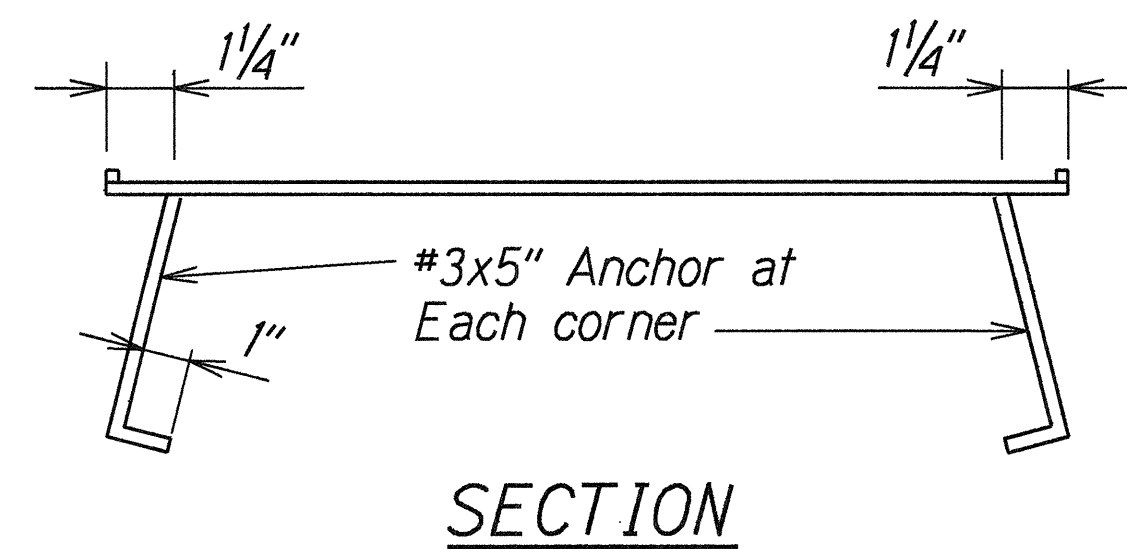
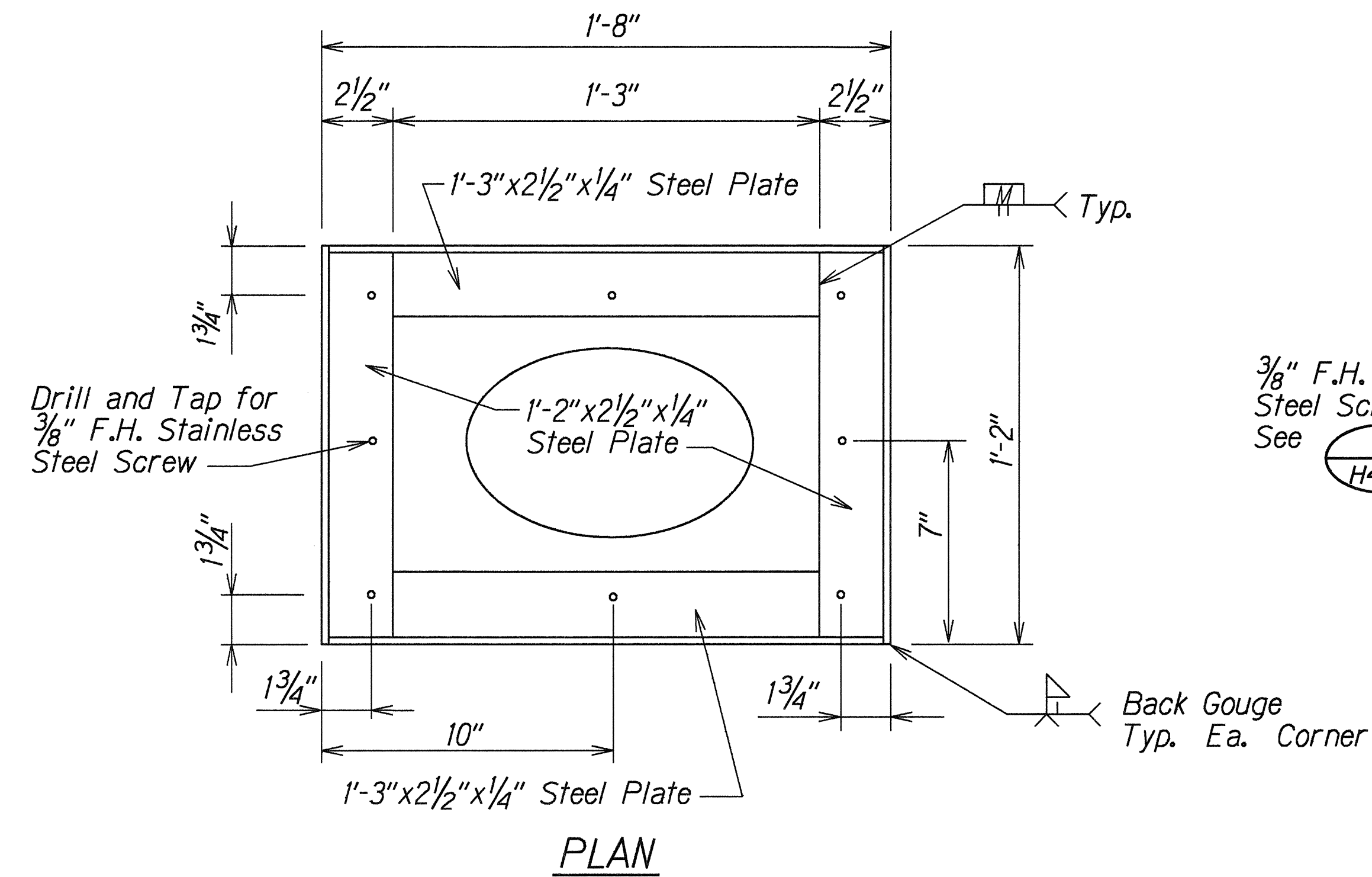


TYPICAL SECTION OF
TRANSVERSE UNDERDRAINS

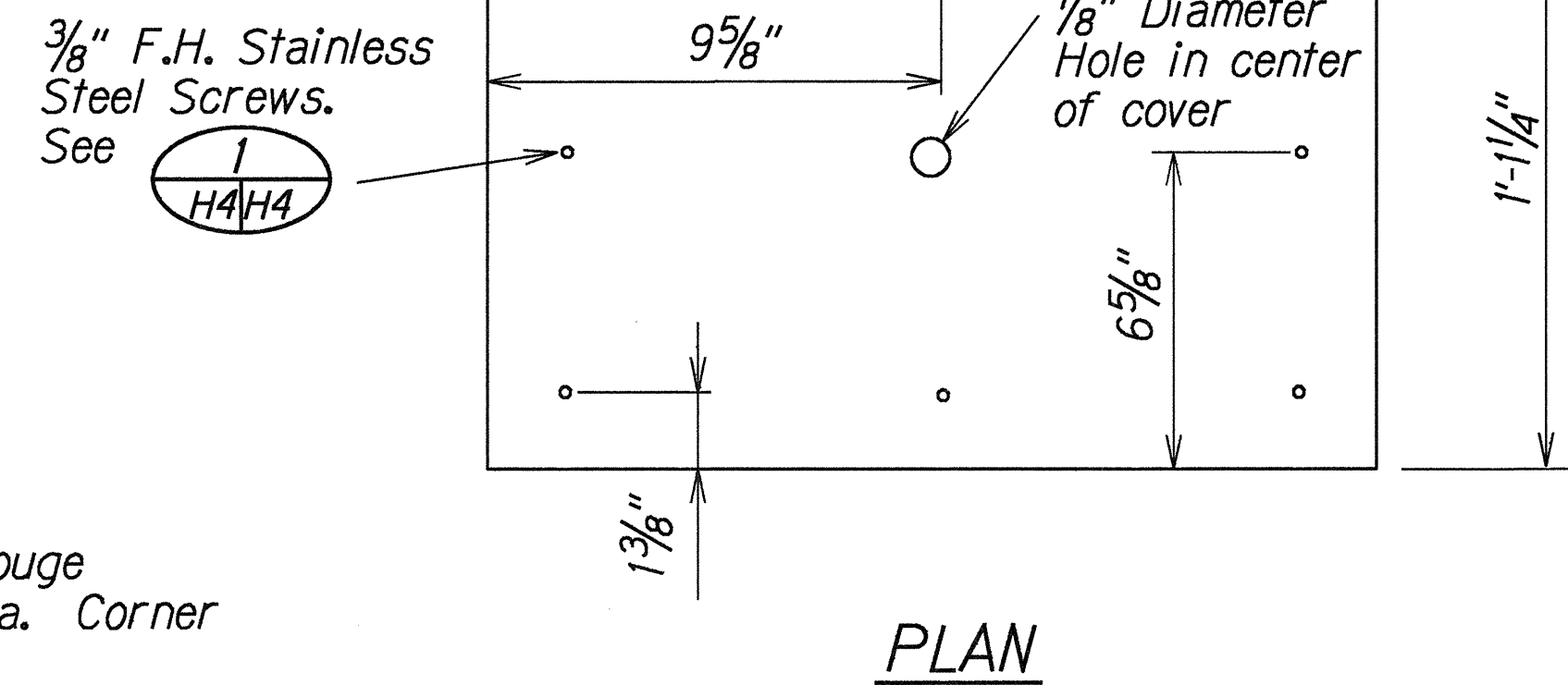
DATE	6/13/95
SURVEY PLOTTED BY	
DRAWN BY	A. Manuwa
DESIGNED BY	C. Matsuda, L. Fulkem
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILED	
APPROVED	

6/13/95	Added Transverse Underdrain Section
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DRAINAGE DETAILS	
KAHUAAPAANI STREET RESURFACING Ulune St. to Salt Lake Blvd. Fed. Aid Project No. STP-724(1)	
Scale: 3/4"=1'-0"	Date: June 1995
SHEET No. H3 OF 4 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7241(1)	1995	26	42

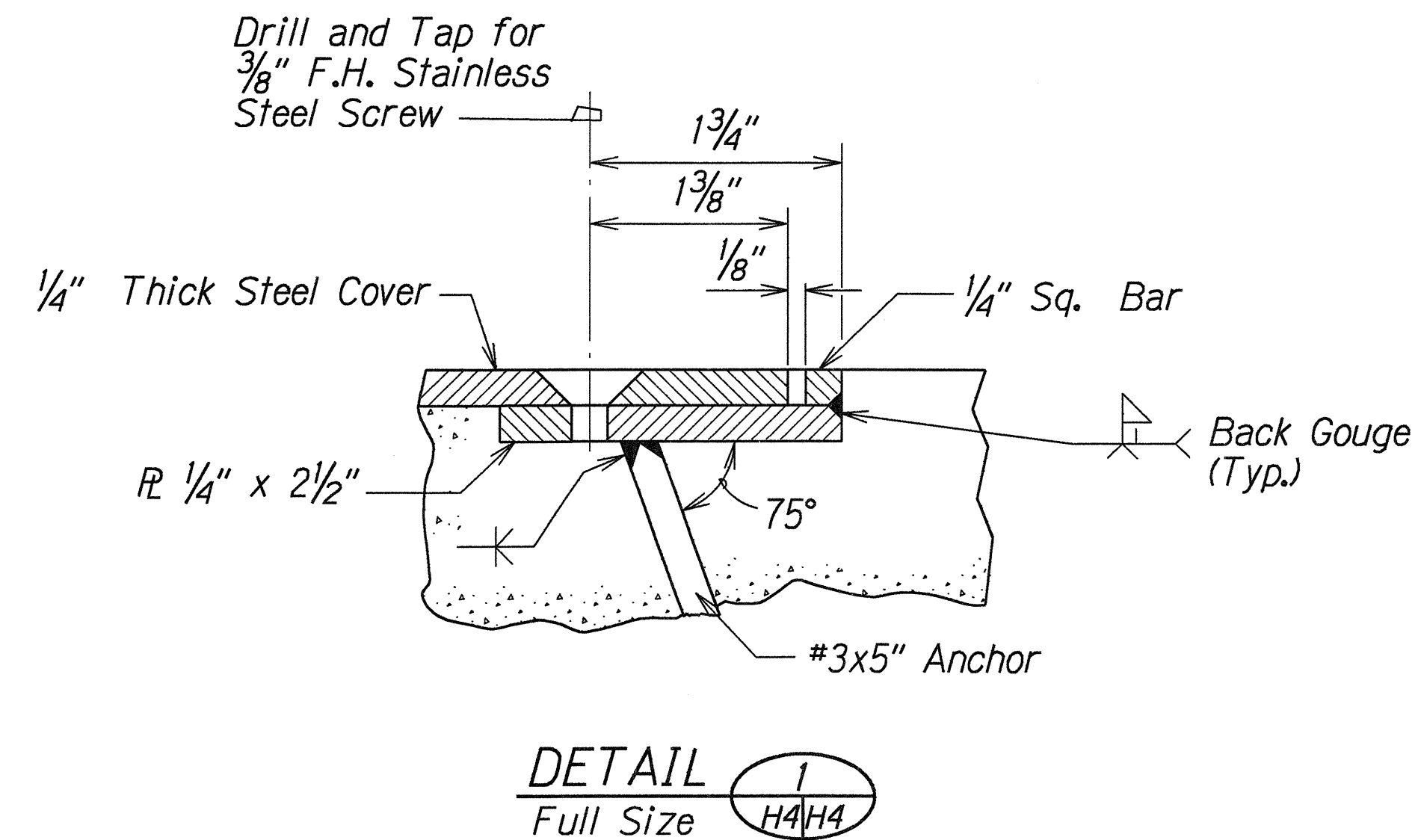


DETAIL OF STEEL FRAME



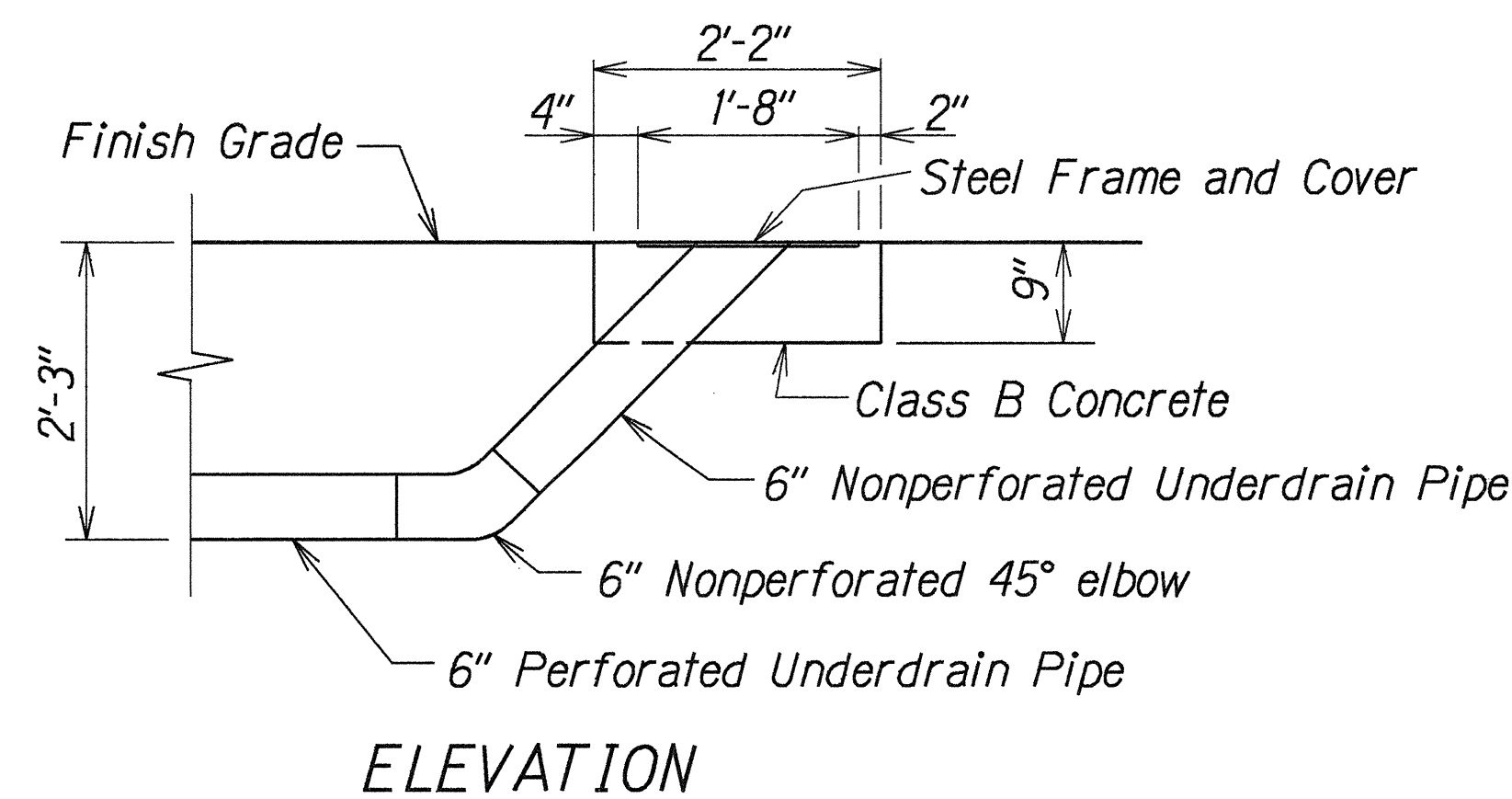
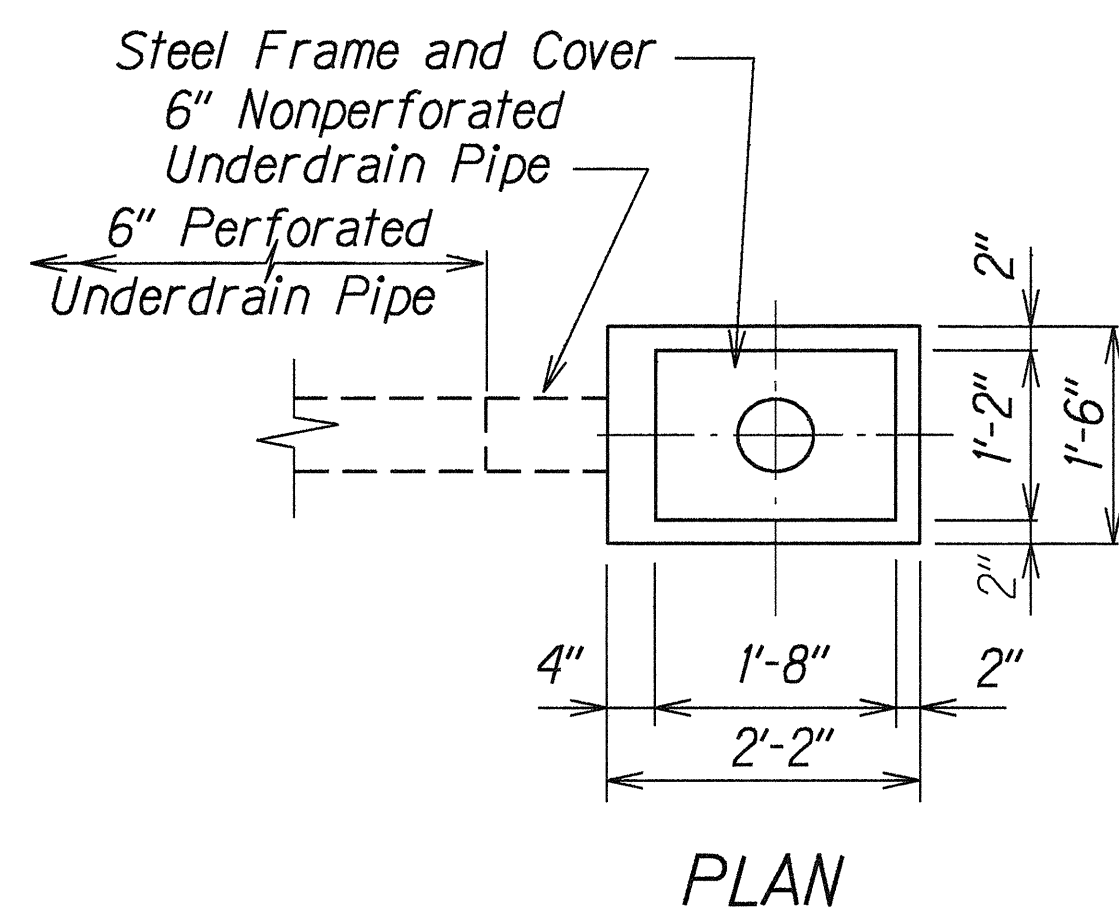
DETAIL OF STEEL COVER

NOTE:
All Steel Parts Shall Be Galvanized
in Accordance with the Requirements
of ASTM A123.



DETAILS OF STEEL FRAME AND COVER FOR CLEANOUT

Scale: 3/4"=1'-0"



TYPICAL DETAILS OF CLEANOUT

Scale: 3/4"=1'-0"

ORIGINAL PLAN	DATE	6/2/95
DESIGNED BY	DESIGNED BY	DESIGNED BY
QUANTITIES BY	QUANTITIES BY	QUANTITIES BY
CHECKED BY	CHECKED BY	CHECKED BY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS
KAHUAAPAANI STREET RESURFACING
Ulune St. to Salt Lake Blvd.
Fed. Aid Project No. STP-7241(1)

Scale: As Shown
SHEET No. H4 OF 4 SHEETS

Date: June 1995