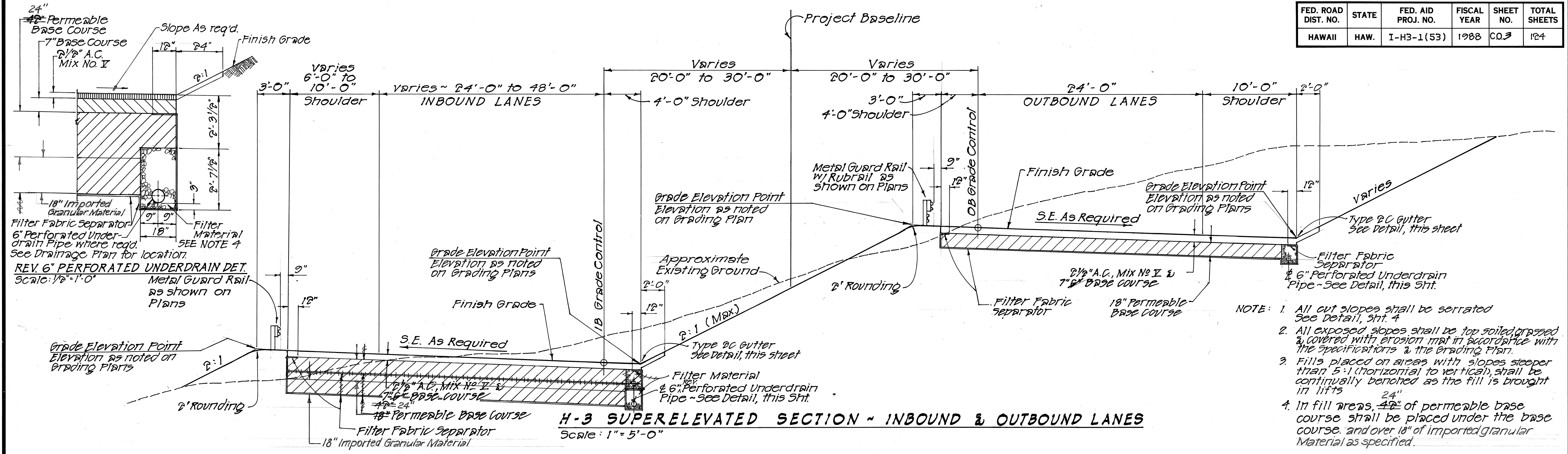
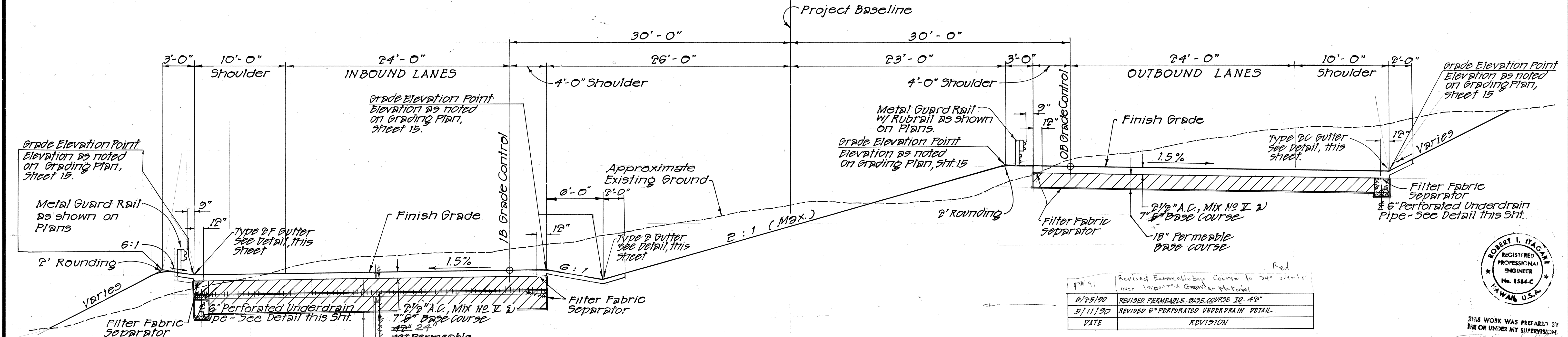


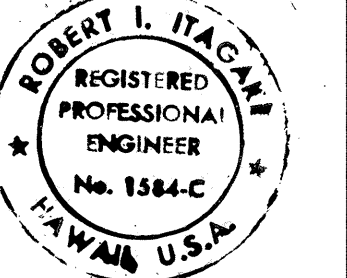
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(53)	1988	C.O. 3	124



- NOTE: 1. All cut slopes shall be serrated See Detail, Sht. 4
2. All exposed slopes shall be top soiled, grassed & covered with erosion mat in accordance with the specifications & the grading plan.
3. Fills placed on areas with slopes steeper than 5:1 (horizontal to vertical), shall be continually benched as the fill is brought in lifts
4. In fill areas, 24" of permeable base course shall be placed under the base course, and over 18" of imported granular material as specified.



DATE	REVISION
6/25/90	REVISED PERMEABLE BASE COURSE TO 48"
5/11/90	REVISED 6" PERFORATED UNDERDRAIN DETAIL
DATE	REVISION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

6" PERFORATED UNDERDRAIN PIPE DETAIL
Scale: 1/2" = 1'-0" SEE REVISION ABOVE

TYPE D GUTTER (61218) DETAIL
Scale: 1/4" = 1'-0"

TYPE DC GUTTER DETAIL
Scale: 1/4" = 1'-0"

TYPE DF GUTTER DETAIL
Scale: 1/4" = 1'-0"

DATE	REVISION
8/1/89	REVISED BASE COURSE TO 7"
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

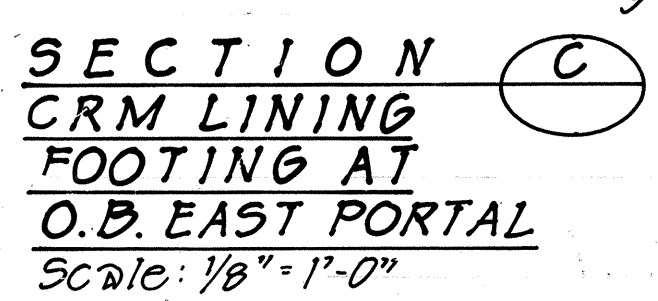
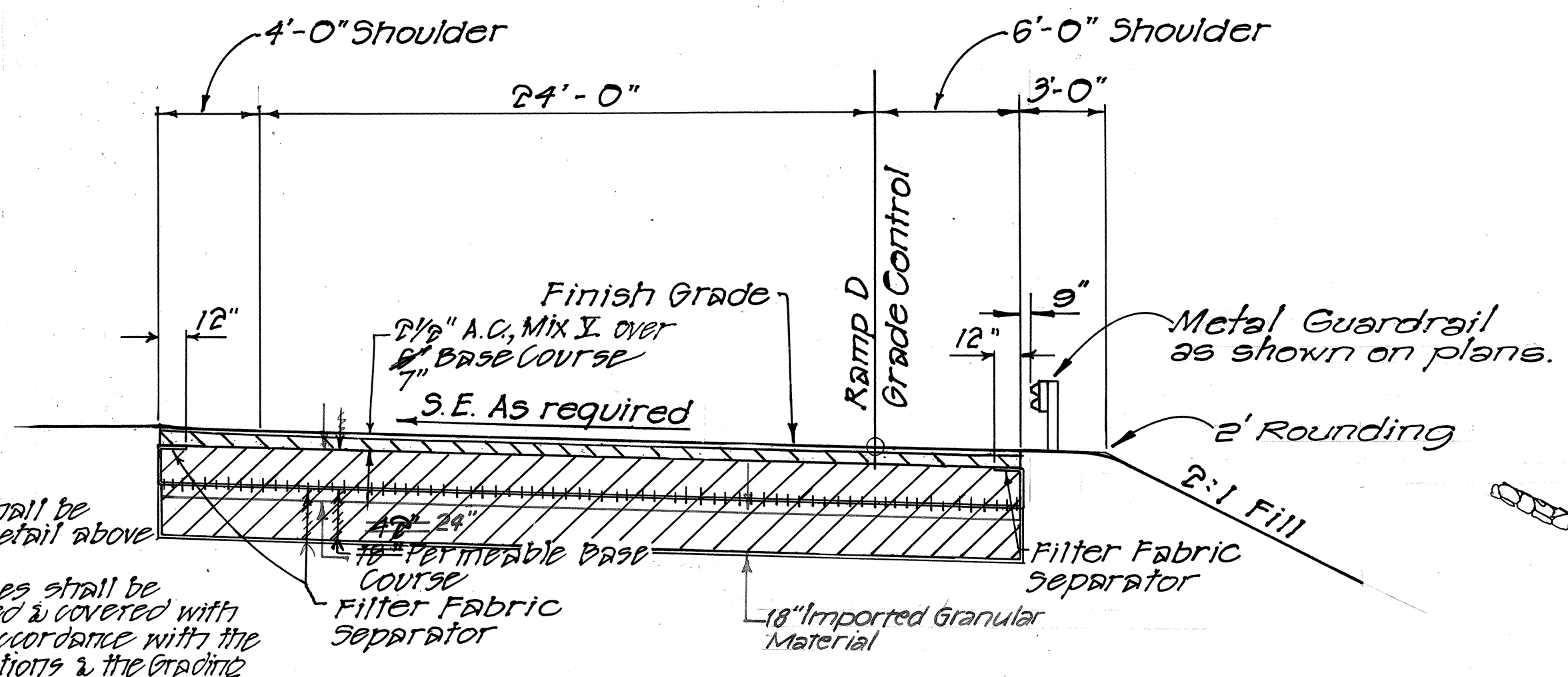
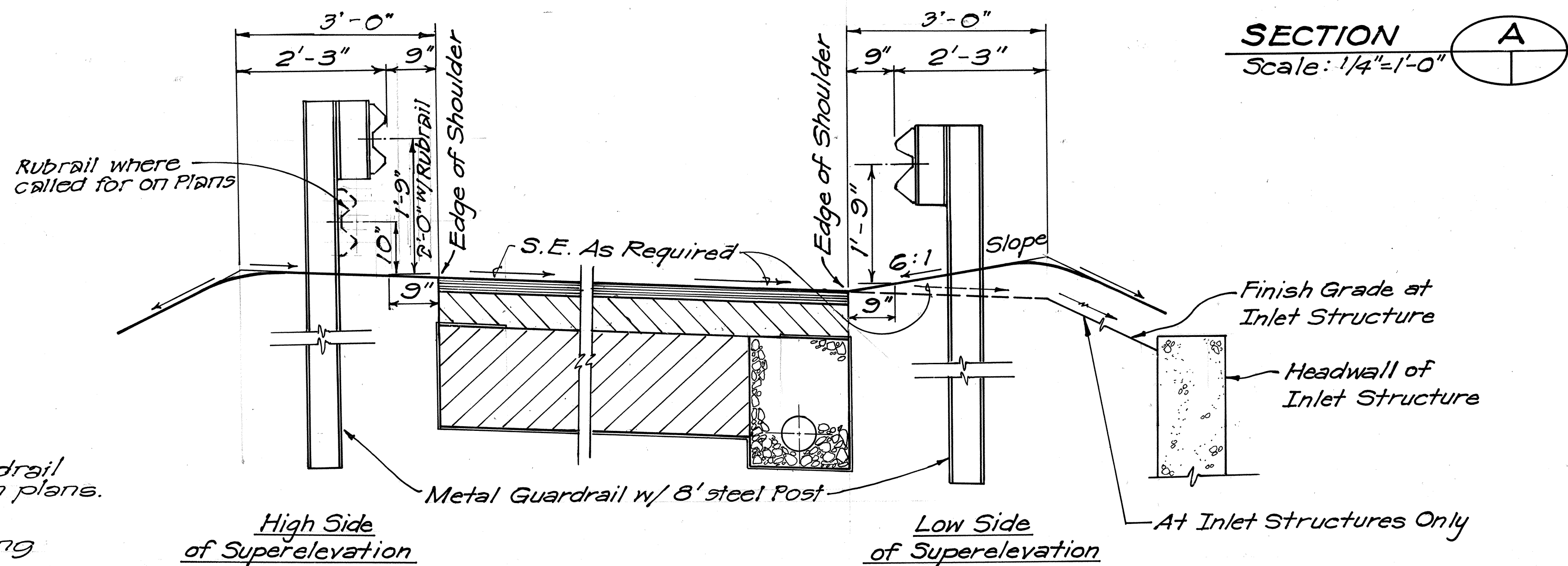
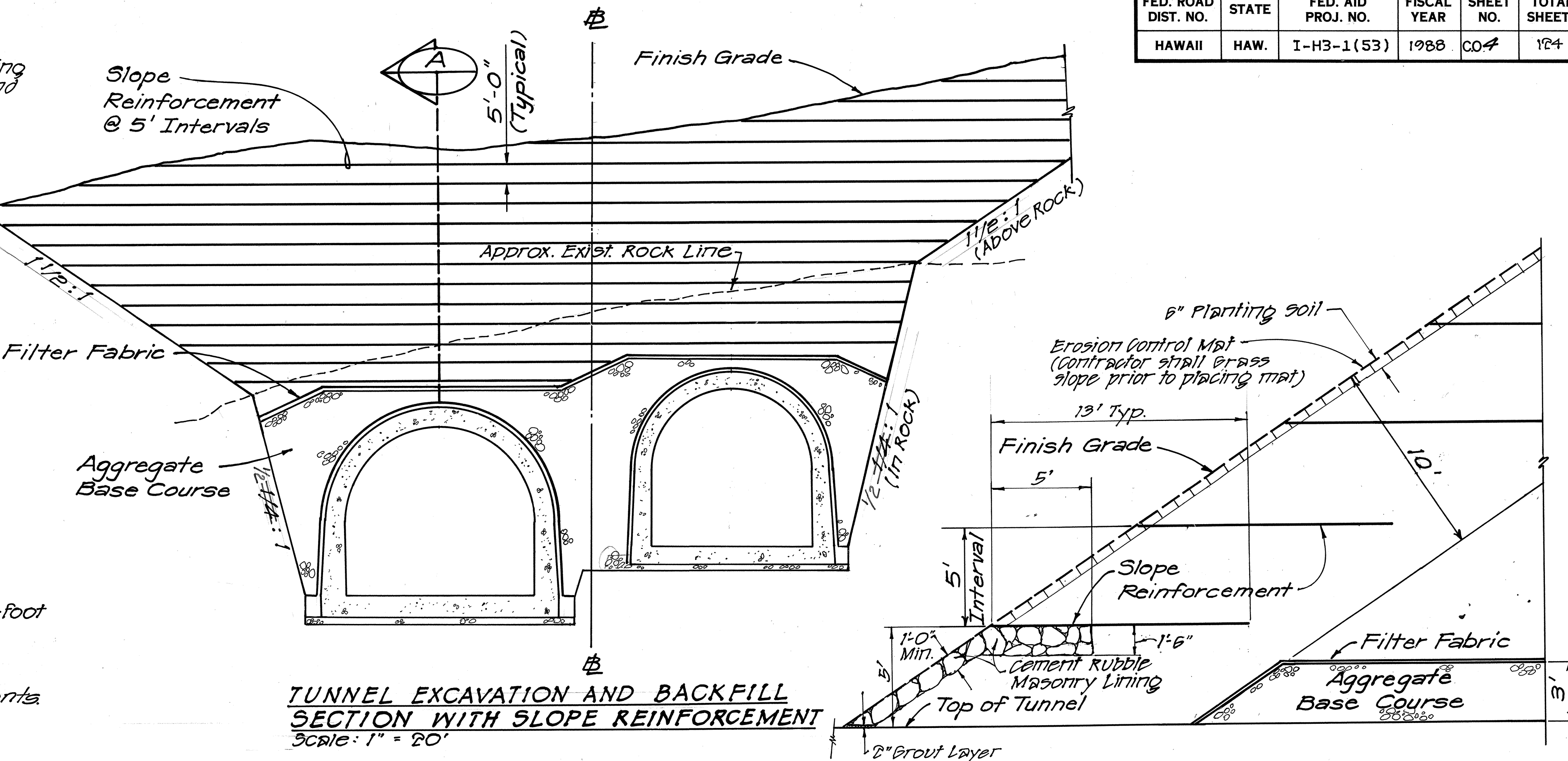
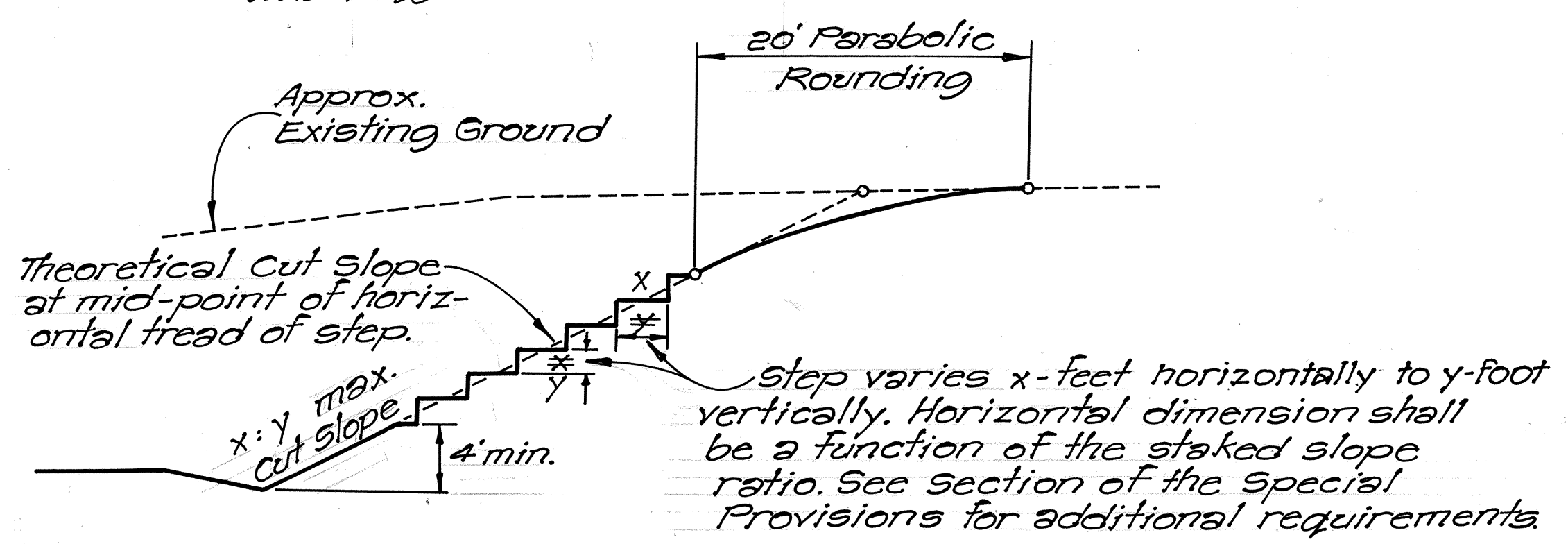
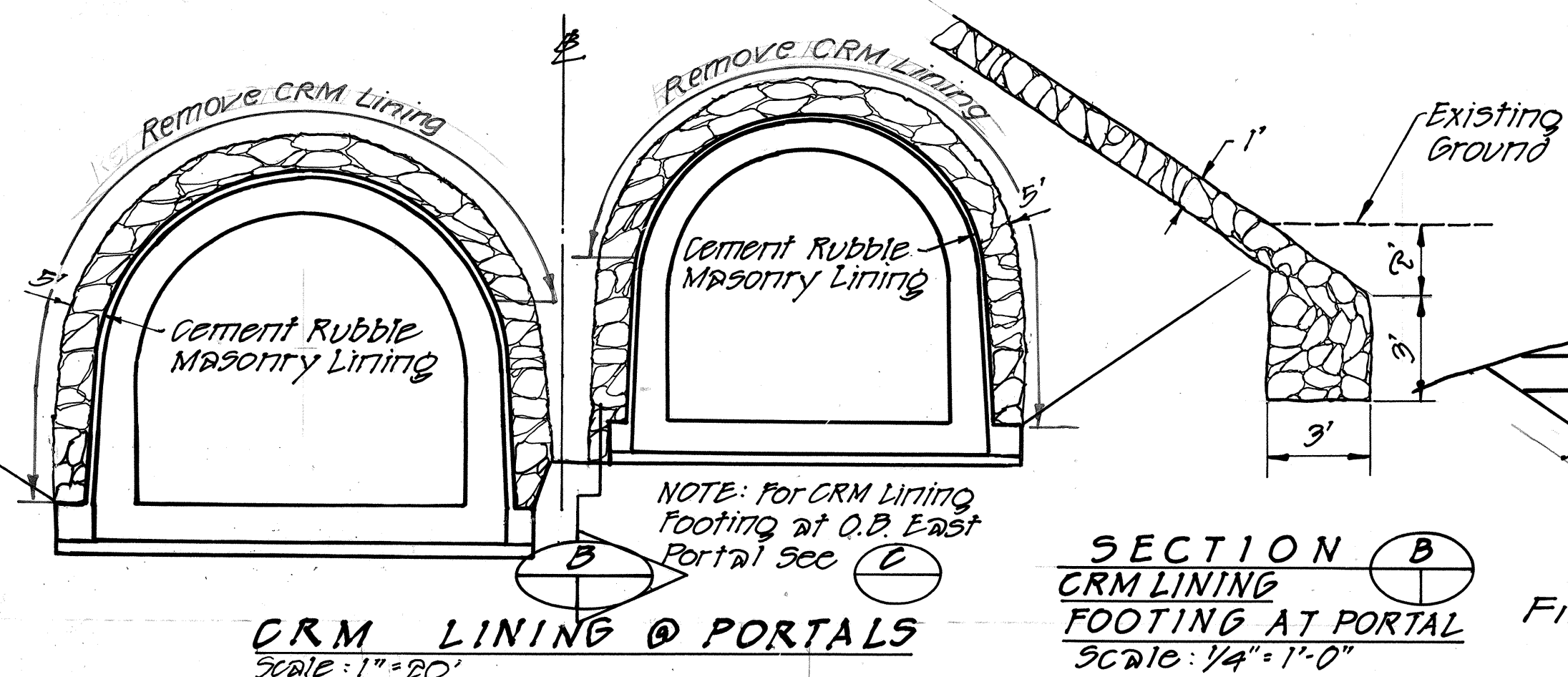
TYPICAL ROADWAY SECTIONS

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(53)

SCALE: AS NOTED DATE: AUG., 1988

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(53)	1988	CO-4	124



DATE	REVISION
5/11/90	ADDED 24" GRANULAR MATERIAL UNDER BASE COURSE
6/25/90	REVISED PERMEABLE BASE COURSE TO 4"
11/14/90	ADDED CRM LINING & ADDED LINING FOOTING DETAIL
1/30/91	REVISED PERMEABLE BASE COURSE TO 24" OVER 18" OF IMPORTED GRANULAR MATERIAL.

DATE	REVISION
2/1/89	REVISED BASE COURSE TO 7"
DATE	REVISION

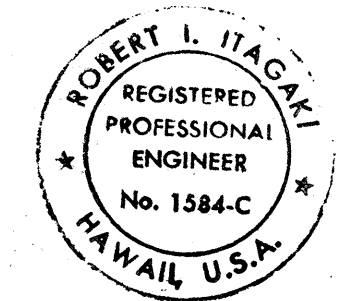
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TYPICAL RAMP "D"
SECTION & DETAILS**

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(53)

SCALE: AS NOTED DATE: AUG., 1988

SHEET No. 2 OF 2 SHEETS



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Robert I. Itagaki

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

NOTES:

- All cut slopes shall be 'serrated'. See detail above.
- All exposed slopes shall be topsoiled, grassed & covered with erosion mat in accordance with the grading specifications & the grading plan.
- Fill placed on areas with slopes steeper than 3:1 (horizontal & vertical), shall be continuously benched as the fill is brought in lifts. 24"
- In fill areas, 2" of permeable base course shall be placed under the base course and over 18" of imported granular material.

Note: See Sheet 9 for Typical Structure Excavation for Lowered Underdrain & Pay Limits.