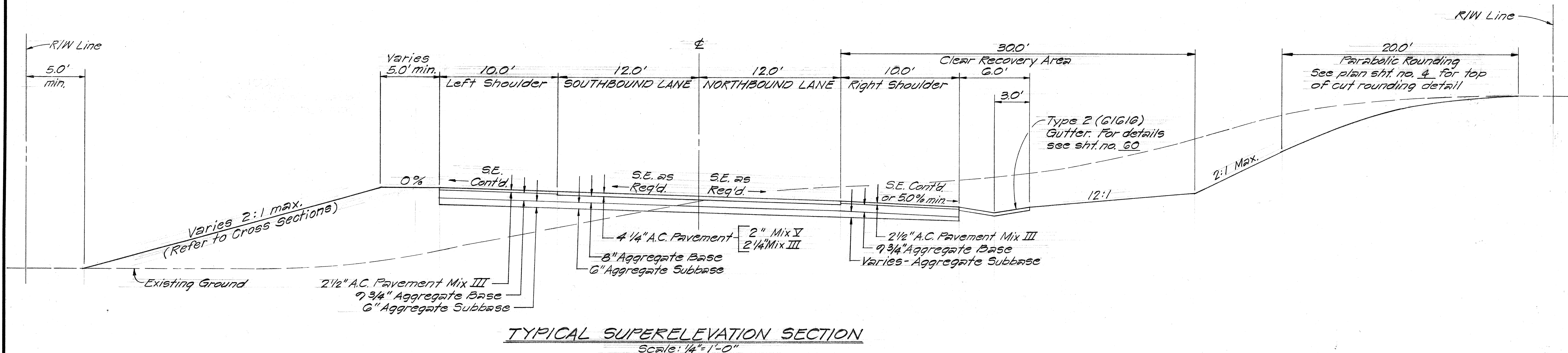
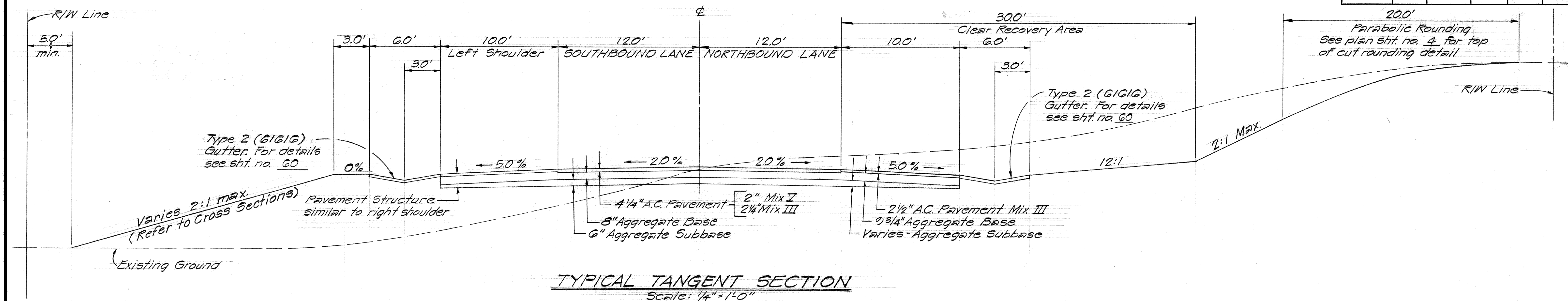


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(13)	1978	2	174



GENERAL NOTES:

- On high side of superelevated sections, shoulder slope shall be continuous with the pavement slope when the slope equals or exceeds 0%.
- Cross slope of subbase shall be the same as the pavement slope.
- For placement of guard rails see roadway details.
- The Contractor shall obtain all required permits at his own expense prior to actual construction on all work in parcels outside the highway right-of-way or construction parcel limits.
- According to the borings, major cut sections between stations 113+00 and 128+00 and between stations 161+00 and 169+00 have soil overburdens that

shrinks and subsurface rock that swells. Refer to cross sections for limits of subsurface rock limits. The limits are noted as R.L. on the cross sections.

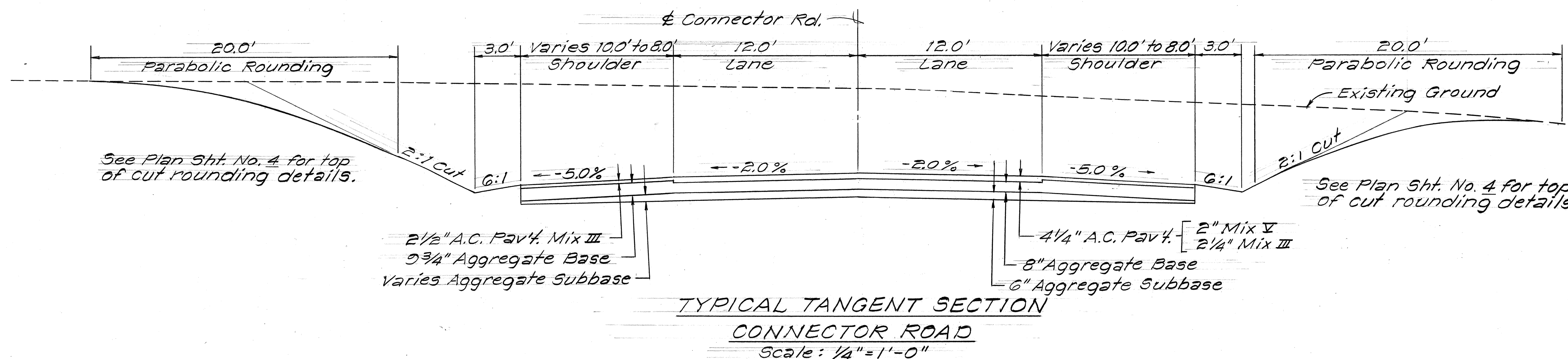
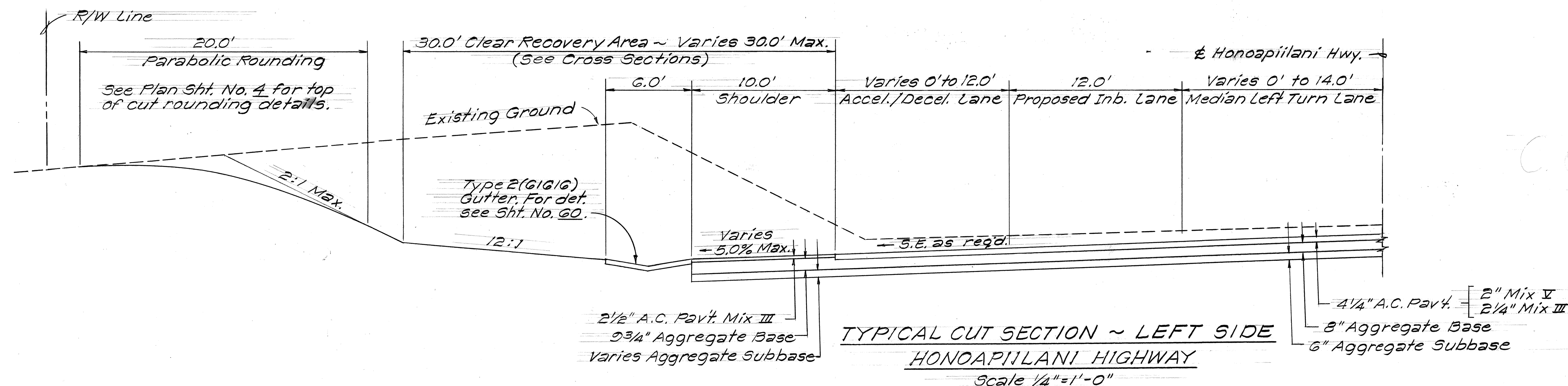
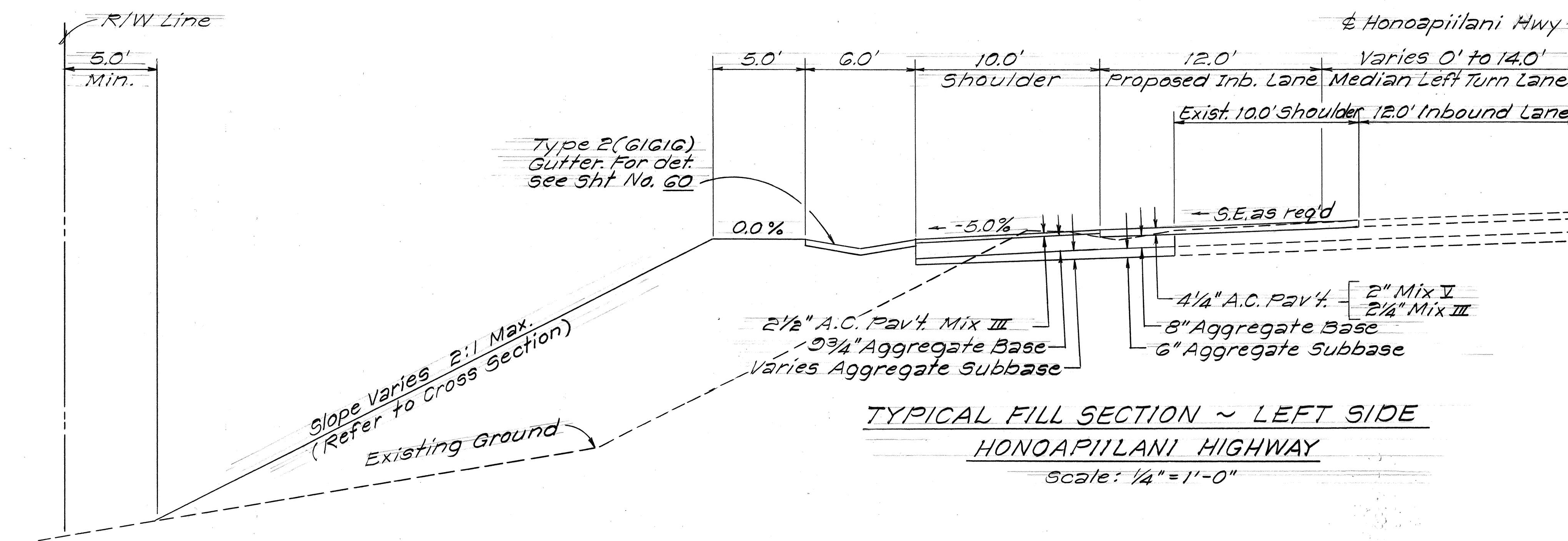
- The State has provided the Contractor with Right-of-Entry to the project site from existing Honoapiilani Highway via existing agricultural field roads. For additional requirements, see Subsection 107.25 "Access to Work Site" of the Special Provisions.
- The total sheets number in the upper right corner of Plan Sheet Nos. 2 thru 174 shall read 178 in lieu of 174 as of 4-5-78.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION
HONOAPIILANI HIGHWAY
KAHANA TO ALAELOA
F.A. Proj. No. F-030-1(13)

Scale: 1/4" = 1'-0" Date: Dec., 1977
SHEET NO. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030 -1(13)	1979	C02 S-1	174



9/12/79	Construct Left Turn Lane for Intersection at Sta. 115+80
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

TYPICAL SECTIONS

HONOAPIILANI HIGHWAY
Kahana to Aiea/Oa
F.A. Project No. F-030-1(13)

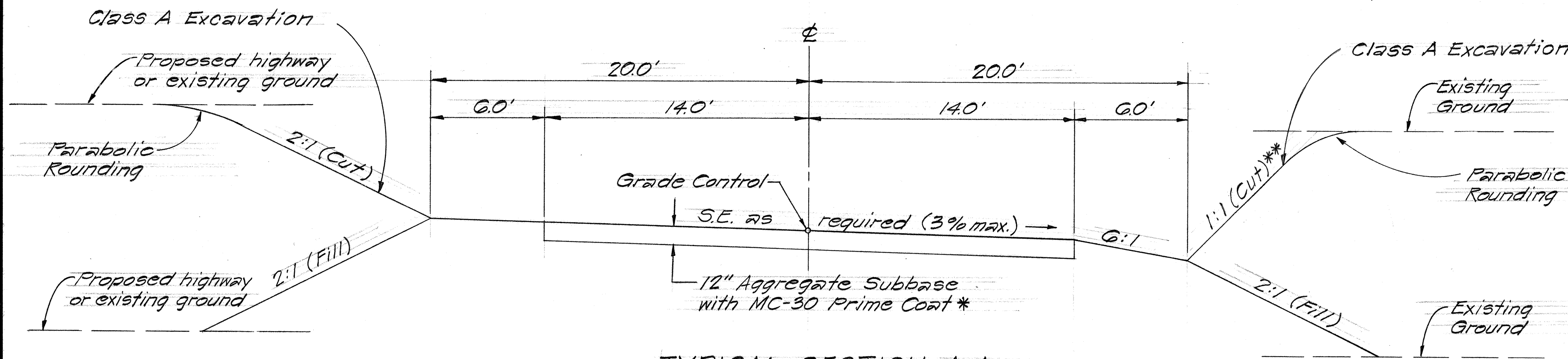
Scale: 1/4" = 1'-0" Date: Sept, 1972

SHEET NO. 14 OF 3 SHEETS

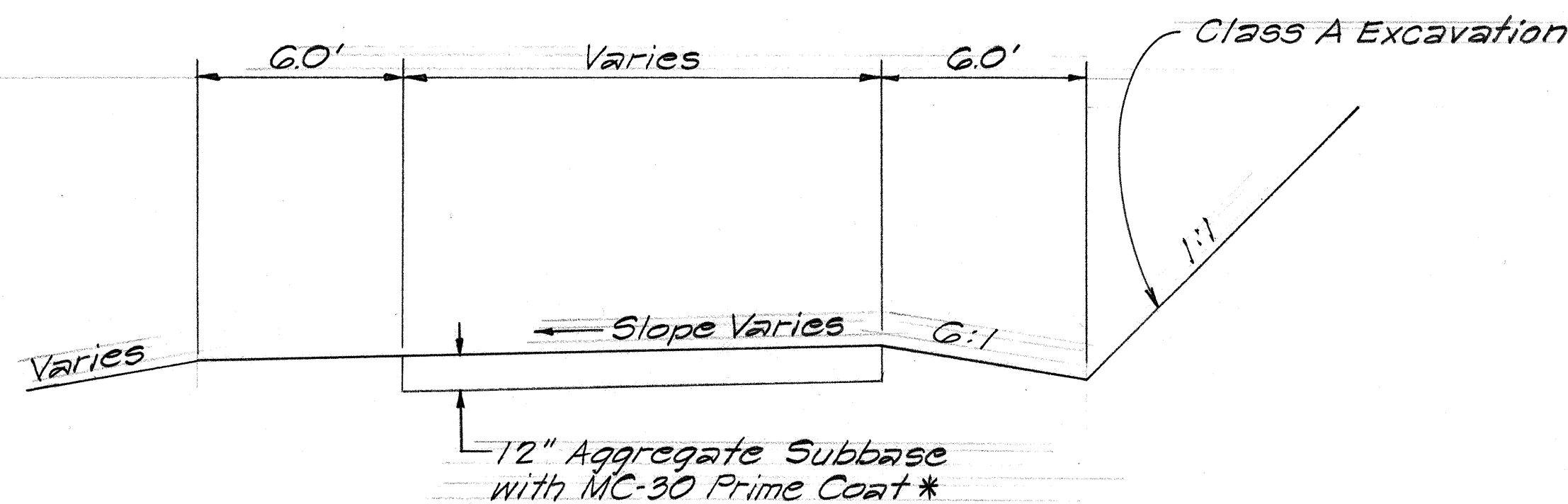
ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	" _____
	TRACED BY _____	" _____
NOTE BOOK	DESIGNED BY _____	" _____
	QUANTITIES BY _____	" _____
No. _____	CHECKED BY _____	" _____

CO 2S-

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(3)	1978	3	174



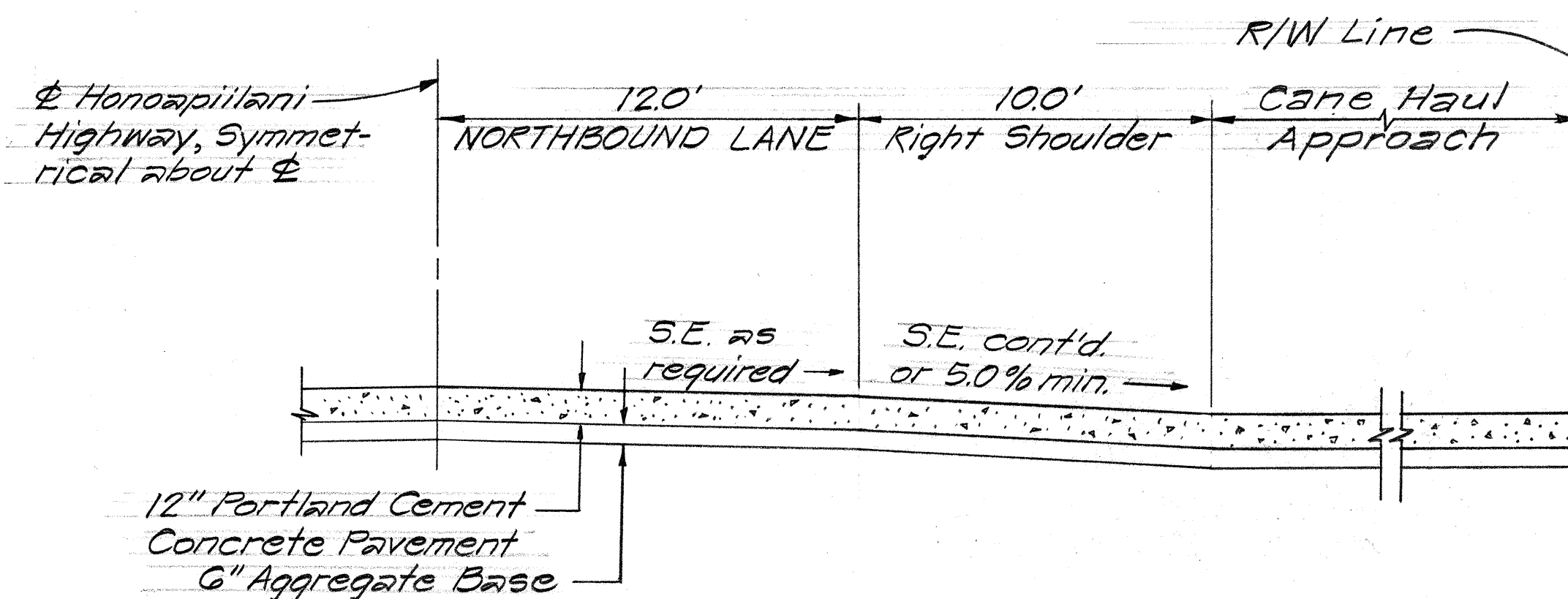
TYPICAL SECTION A-A
CANE HAUL ROAD
Scale: 1/4"=1'-0"



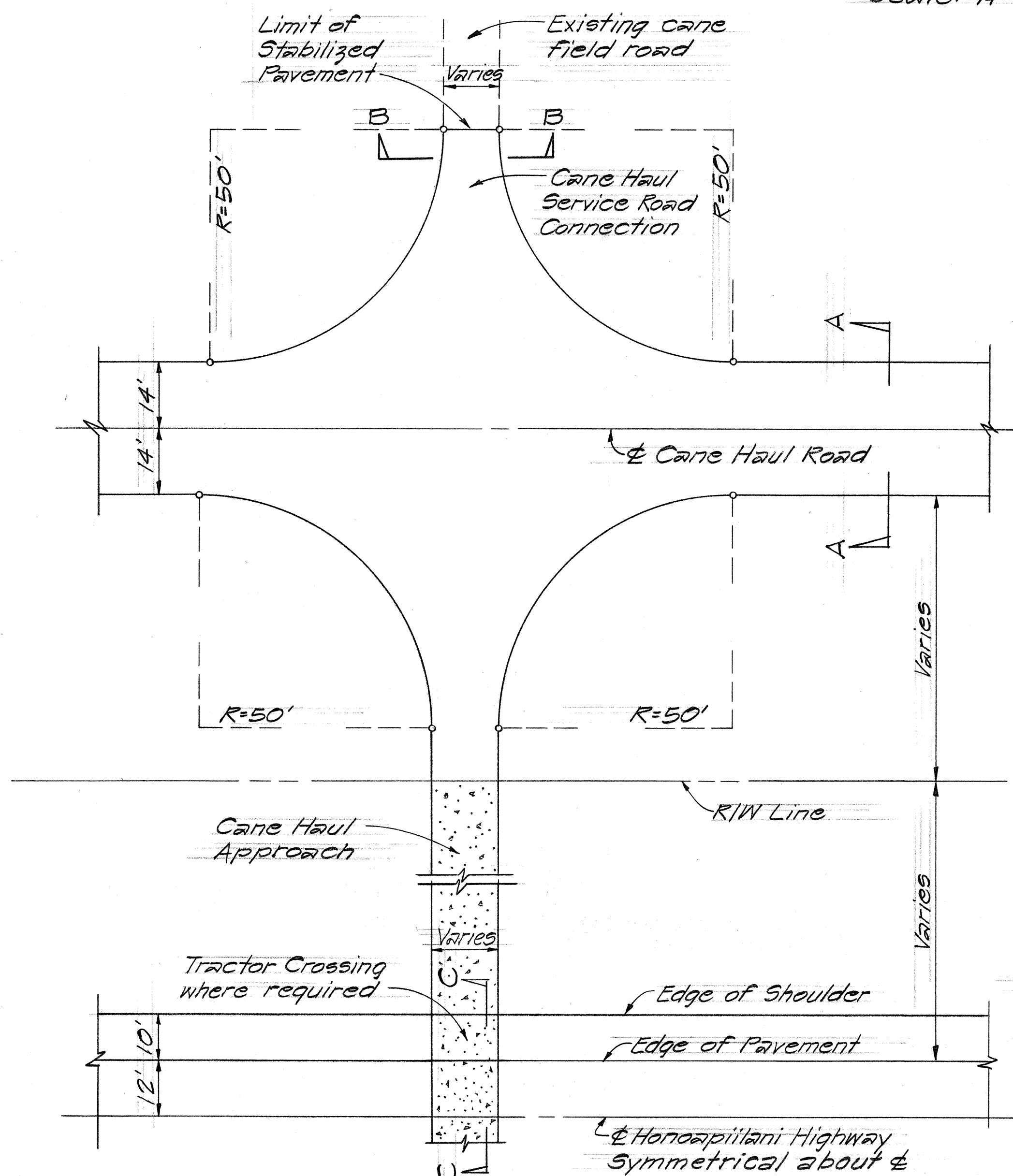
TYPICAL SECTION B-B
CANE HAUL SERVICE ROAD CONNECTION
Scale: 1/4"=1'-0"

GENERAL NOTES

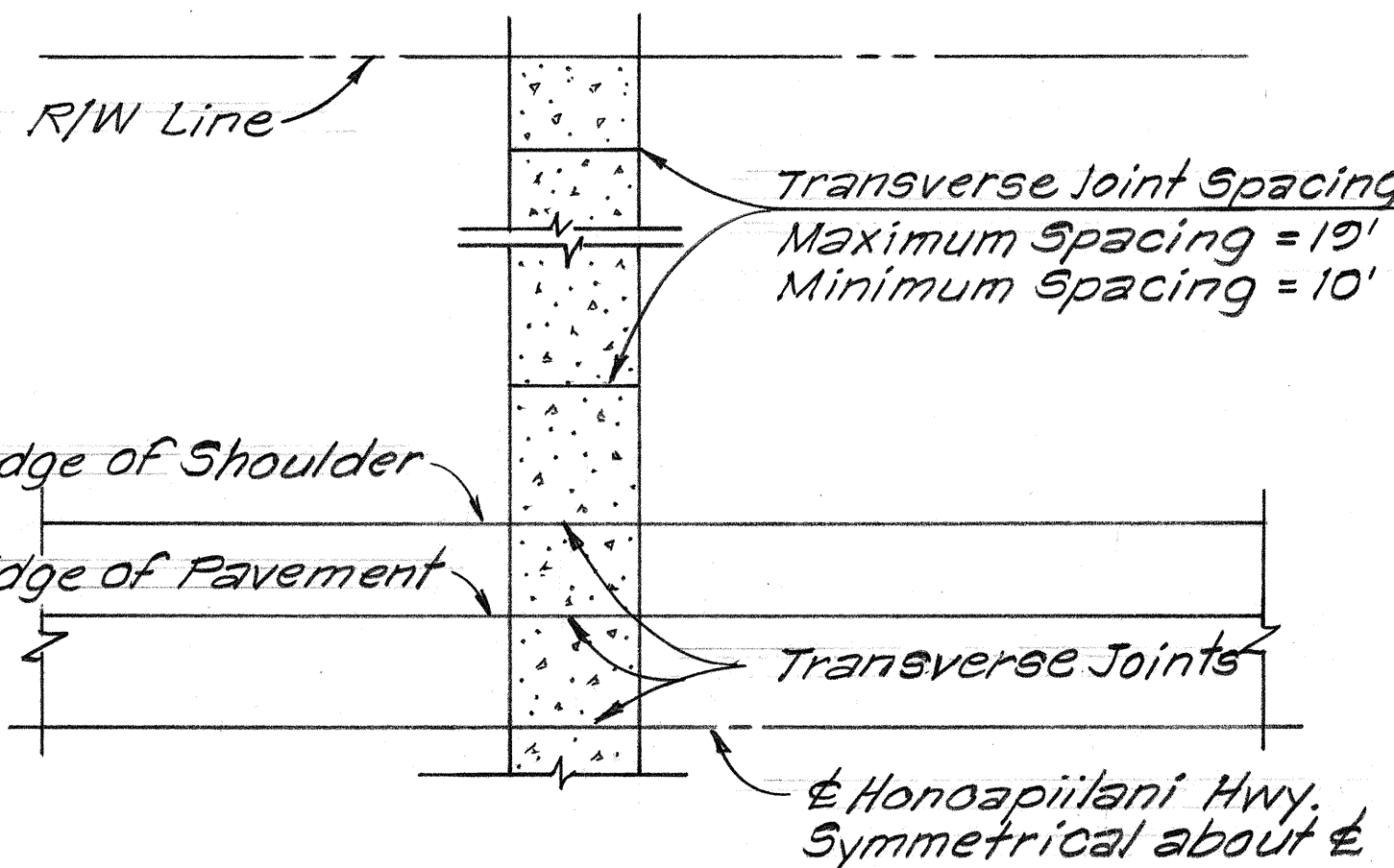
- * Application rate for MC-30 Prime Coat, see Section 408-"Prime Coat" of the Special Provisions.
- ** Cut sections on Cane Haul Road right, between CHR Stations 84+00± to 86+00± shall be 2:1.
- Transverse weakened plane joints shall be sawed as shown, unless otherwise directed by the Engineer.
- Transverse construction (contact) joints shall be located at a minimum distance of 10' from the nearest planned transverse weakened plane joint.
- At the outer edge of the P.C.C. pavement 1/2" radius rounding shall be utilized.



TYPICAL SECTION C-C
TRACTOR CROSSING
Scale: 1/4"=1'-0"

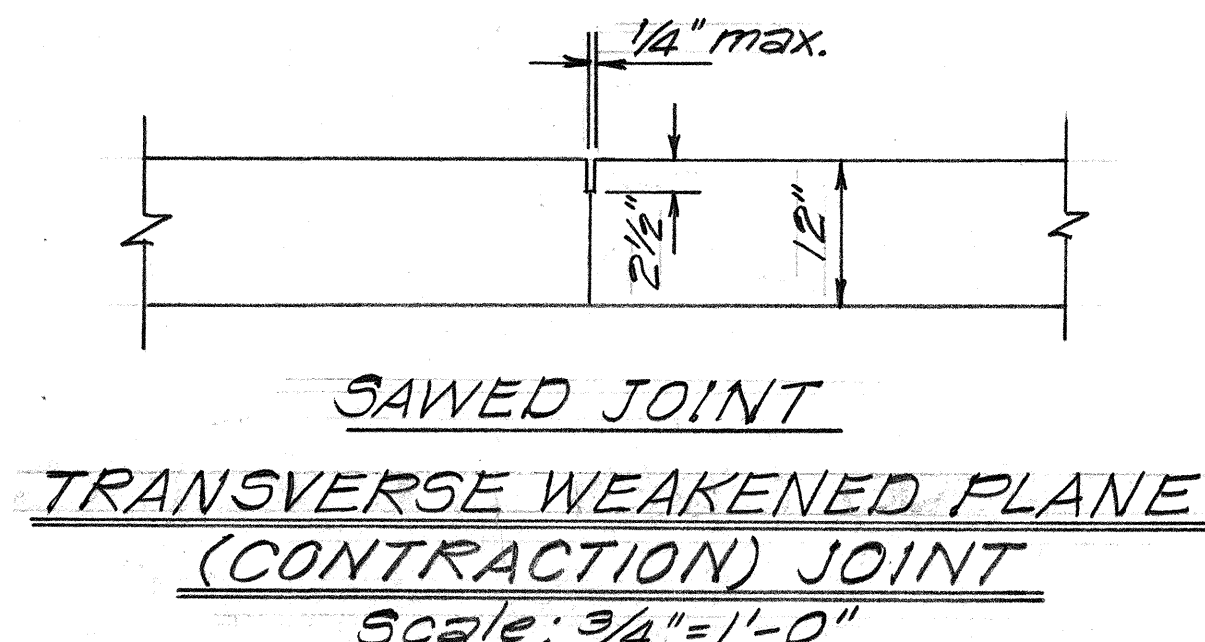
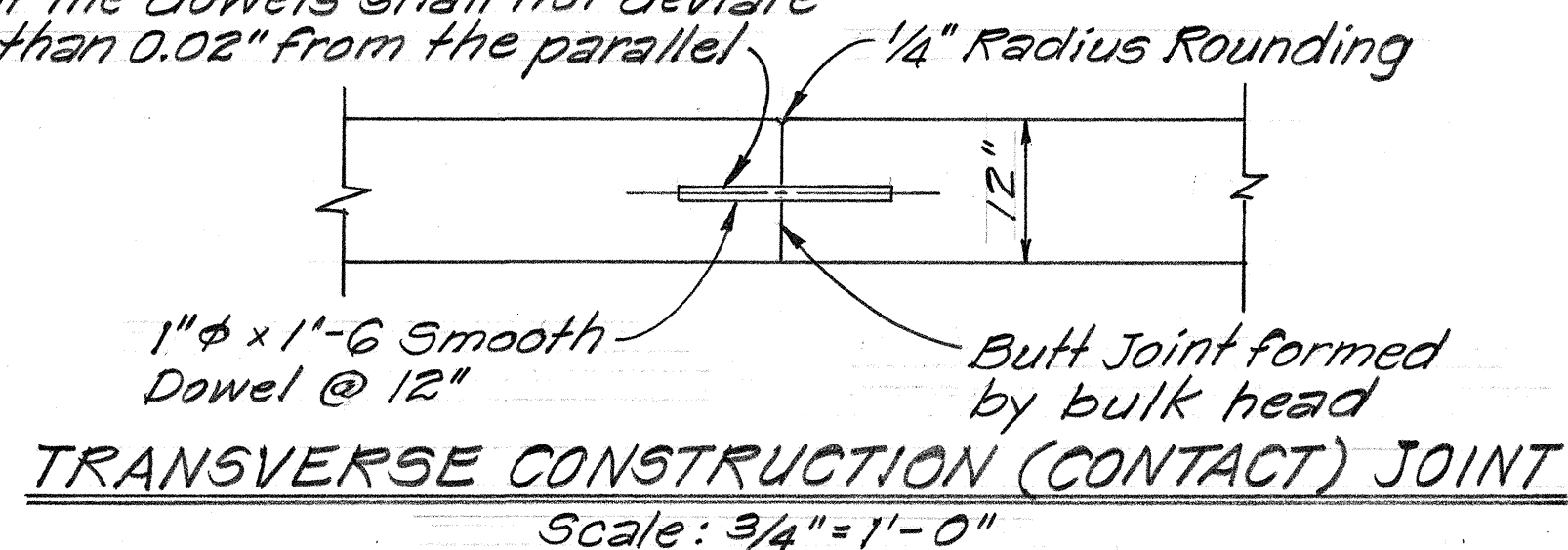


TYPICAL PLAN
CANE HAUL APPROACH AND
CANE HAUL SERVICE ROAD CONNECTION
Scale: 1"=20'



TYPICAL JOINT LOCATION
Scale: 1"=20'

Dowels shall be positioned in place parallel to the pavement surface prior to pouring and the ends of the dowels shall not deviate more than 0.02" from the parallel.



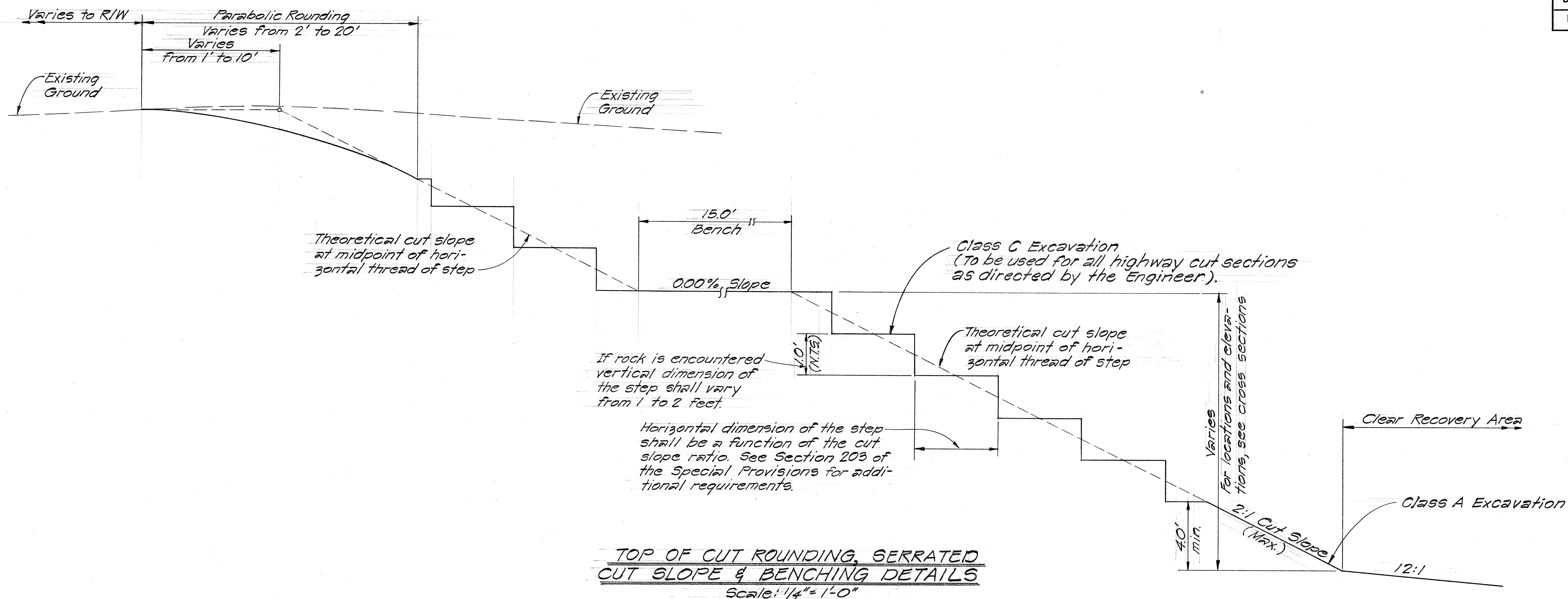
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION
HONOAPIILANI HIGHWAY
KAHANA TO ALAELOA
F.A. Proj. No. F-030-1(13)

Scale: As Shown Date: Dec. 1977
SHEET NO. 2 OF 3 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(13)	1978	4	174



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION
HONOAPIILANI HIGHWAY
KAHANA TO ALAELOA
F.A. Proj. No. F-030-1(13)

Scale: As Shown Date: Dec., 1977
SHEET NO. 3 OF 3 SHEETS