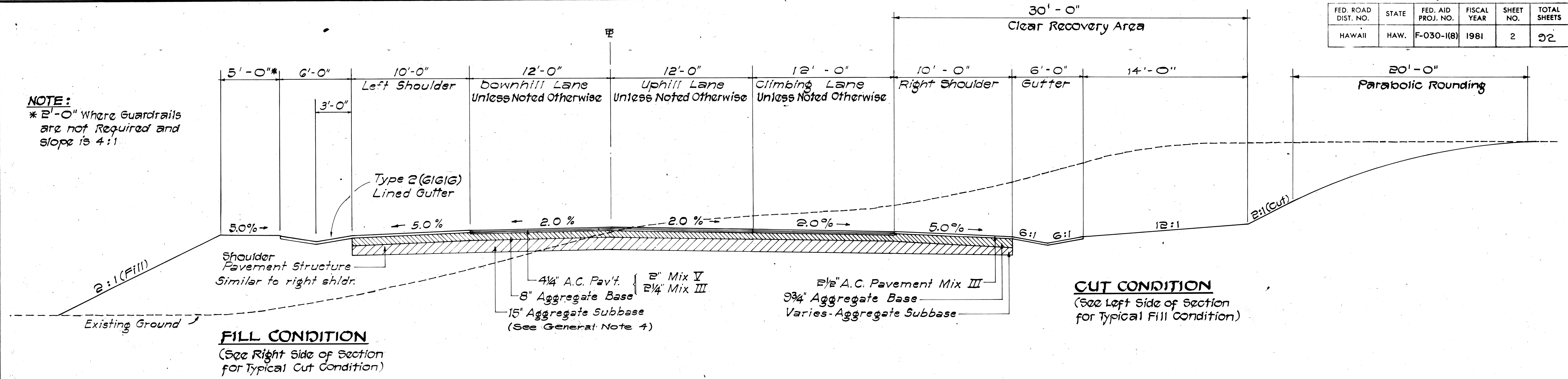


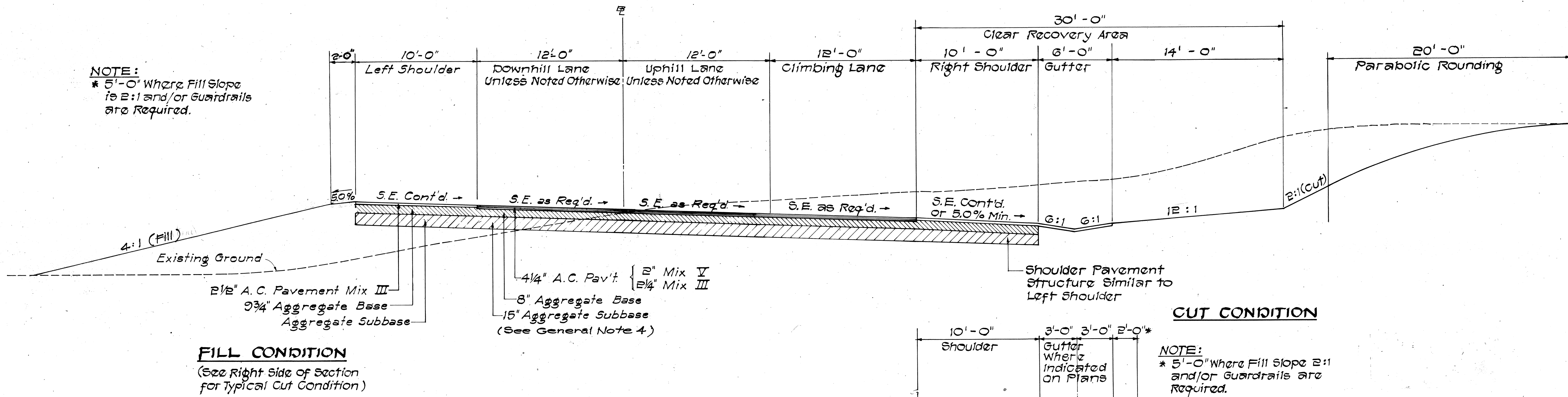
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(8)	1981	2	22

NOTE:
* 2'-0" Where Guardrails are not Required and slope is 4:1

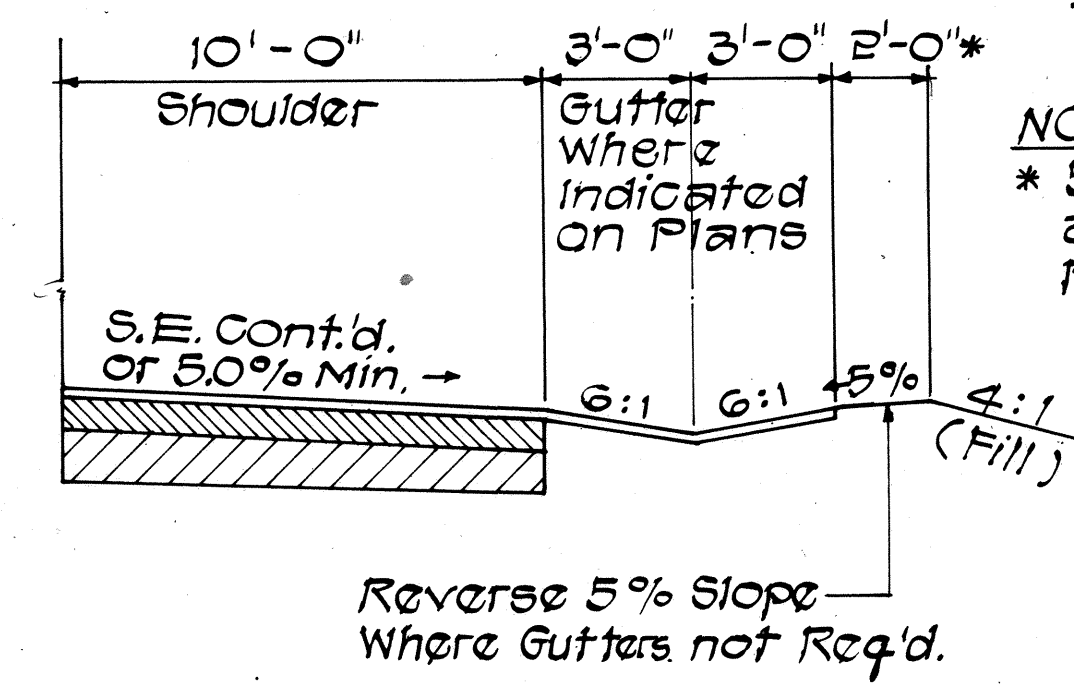


TYPICAL TANGENT SECTION W/ CLIMBING LANE
Scale: 1/4" = 1'-0"

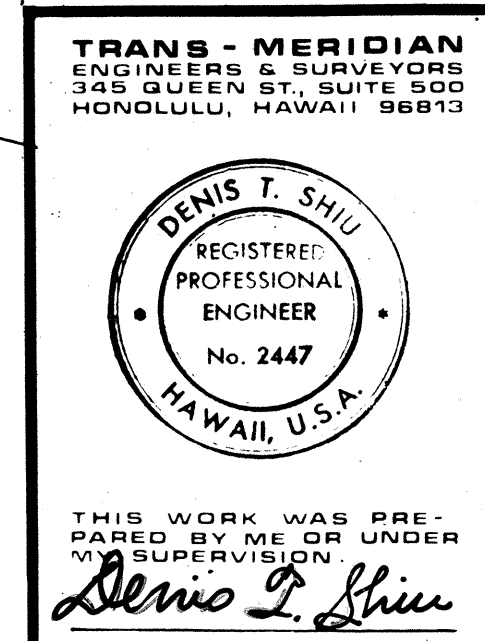
NOTE:
* 5'-0" Where Fill Slope is 2:1 and/or Guardrails are Required.



TYPICAL SUPERELEVATED SECTION W/ CLIMBING LANE
Scale: 1/4" = 1'-0"



NOTE:
* 5'-0" Where Fill Slope 2:1 and/or Guardrails are Required.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

HONOAPIILANI HIGHWAY
ALAELOA TO PINEAPPLE HILL
F.A. PROJECT NO. F-030-1(8)

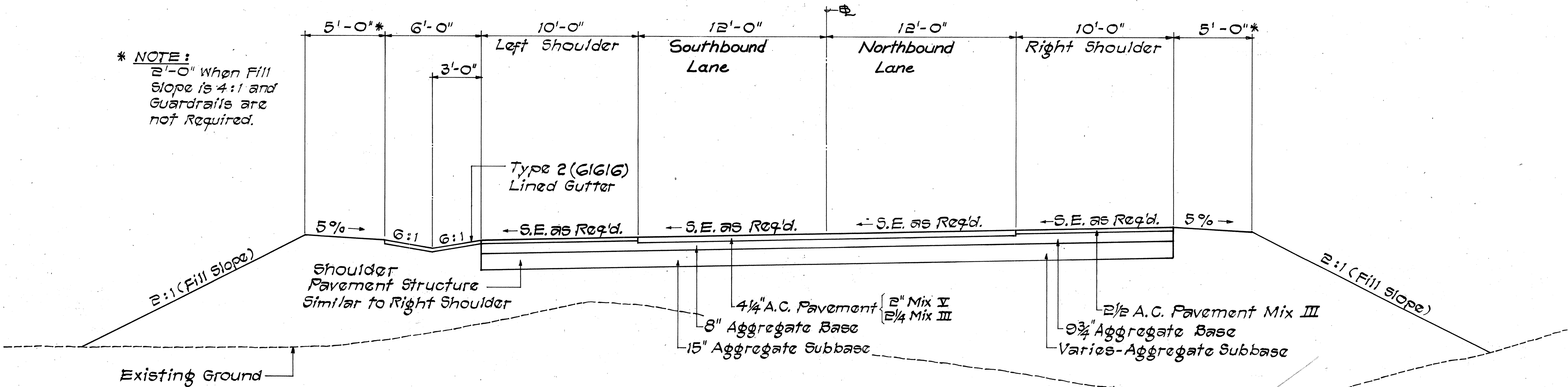
SCALE: AS SHOWN DATE SEP 1981

SHEET No. 1 OF 2 SHEETS

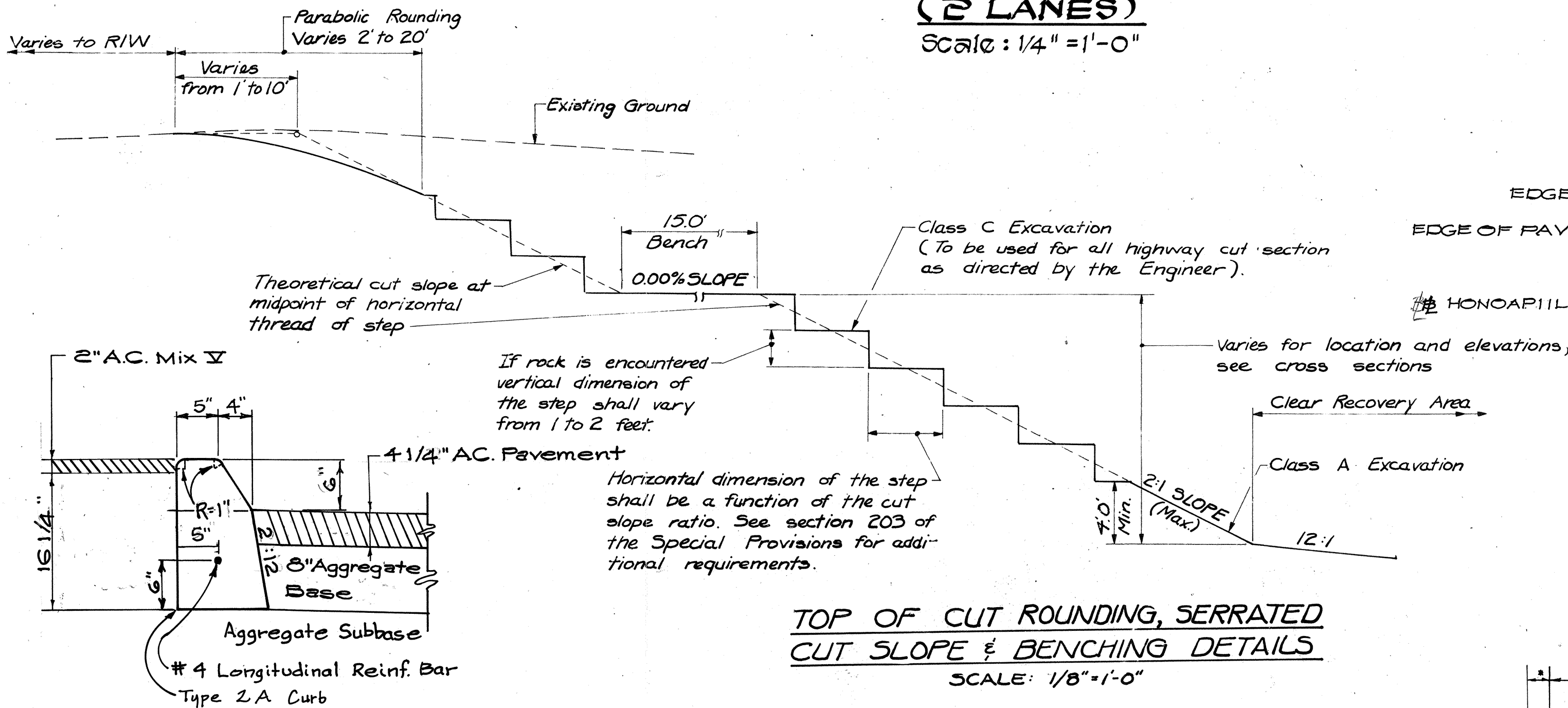
DATE	
SURVEY PLOTTED BY	
DRAWN BY	
CHECKED BY	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(8)	1981	3	32

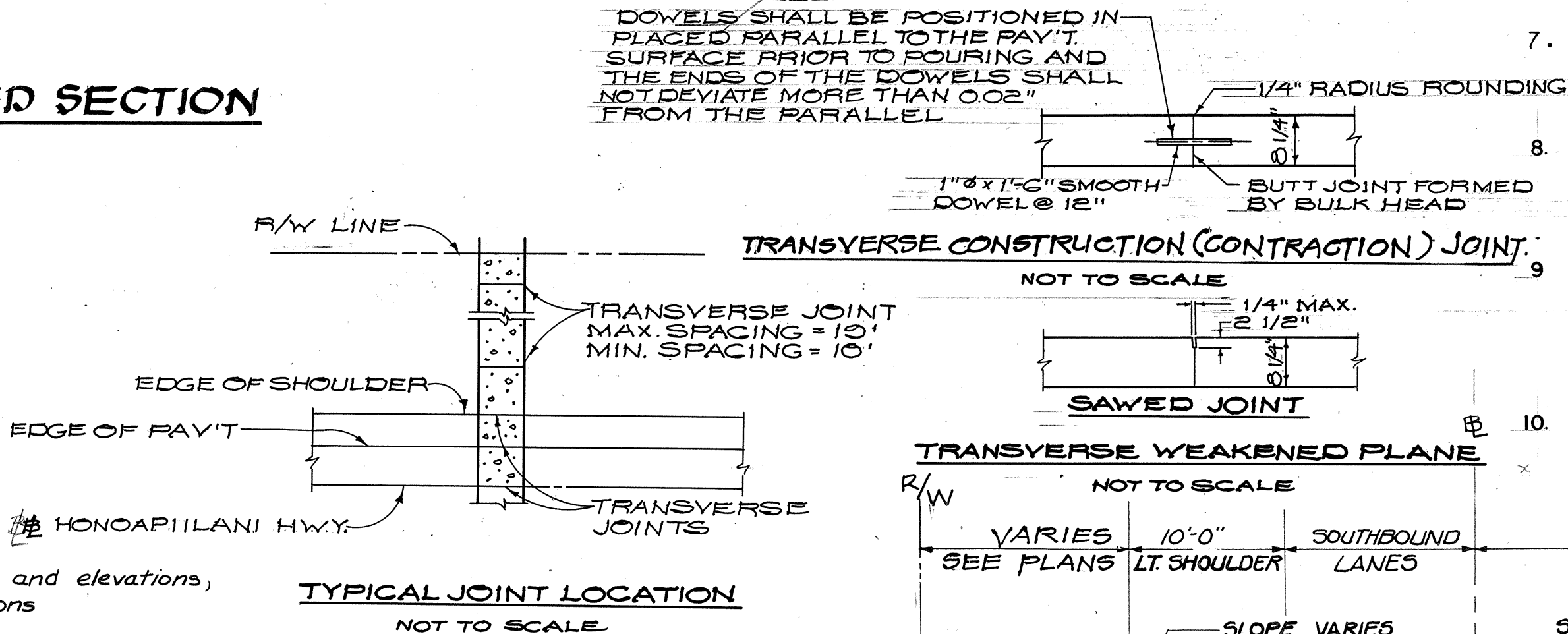
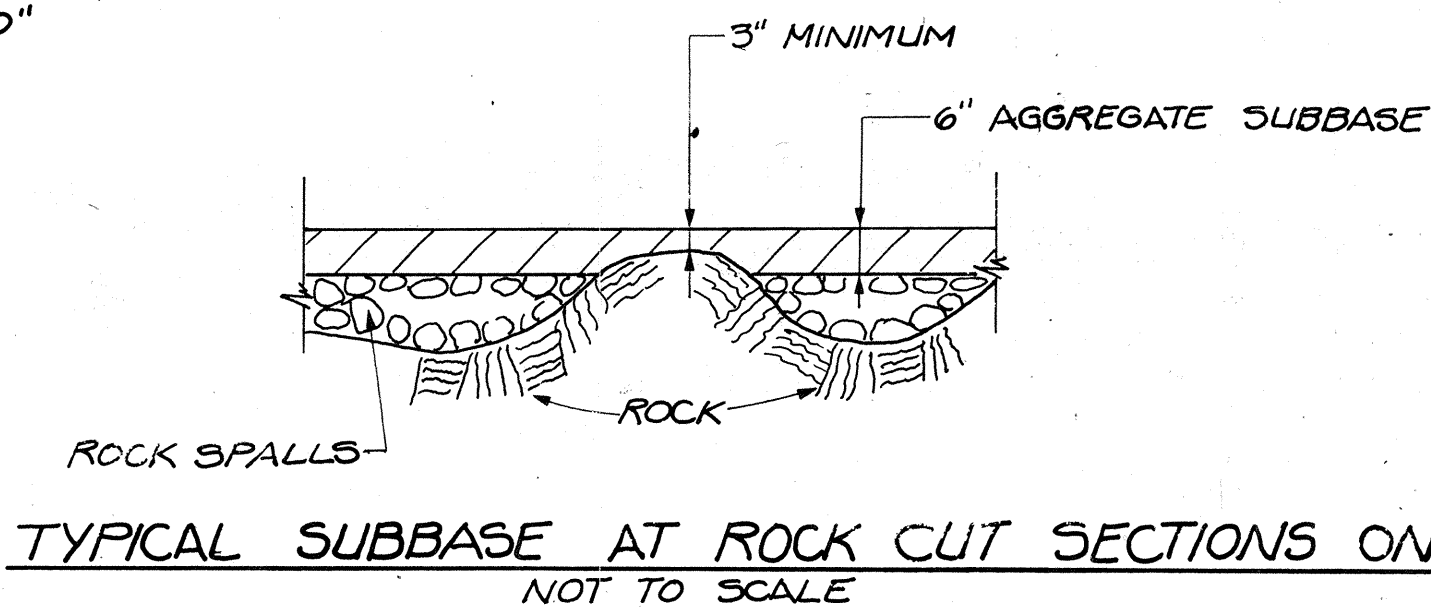
- GENERAL NOTES:
- ROUND ALL HINGE POINTS.
 - ON HIGH SIDE OF SUPERELEVATED SECTIONS, SHOULDER SLOPE SHALL BE CONTINUOUS WITH THE PAVEMENT SLOPE WHEN THE SLOPE EQUALS OR EXCEEDS 0%.
 - CROSS SLOPE OF SUBBASE SHALL BE THE SAME AS THE PAVEMENT SLOPE.
 - ROCK CUTS ANTICIPATED FROM STATION 228+00 TO STATION 235+50 AGGREGATE SUBBASE SHALL BE 6" THICKNESS IN LIEU OF 15" THICKNESS WHERE ROCK SUBGRADE IS ENCOUNTERED.
 - THE CONTRACTOR SHALL NOTIFY THE MAUI COUNTY DIRECTOR OF PUBLIC WORKS, IN WRITING, AT LEAST TWO (2) DAYS IN ADVANCE THAT GRADING OR GRUBBING IS TO BEGIN.
 - PROVIDE PARABOLIC ROUNDING (20 FT. MAX.) AT TOP OF CUT SLOPES AS RIGHT-OF-WAY PERMITS.
 - TRAVERSE WEAKENED PLANE JOINTS ON PCC PAVEMENT SHALL BE SAWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - TRAVERSE CONSTRUCTION (CONTRACT) JOINTS ON PCC PAVEMENT SHALL BE LOCATED AT A MINIMUM DISTANCE OF 10' FROM THE NEAREST PLANNED TRANSVERSE WEAKENED PLANE JOINT.
 - THE OUTER EDGES OF PCC PAVEMENT SHALL BE ROUNDED ON A 1 1/2" RADIUS.



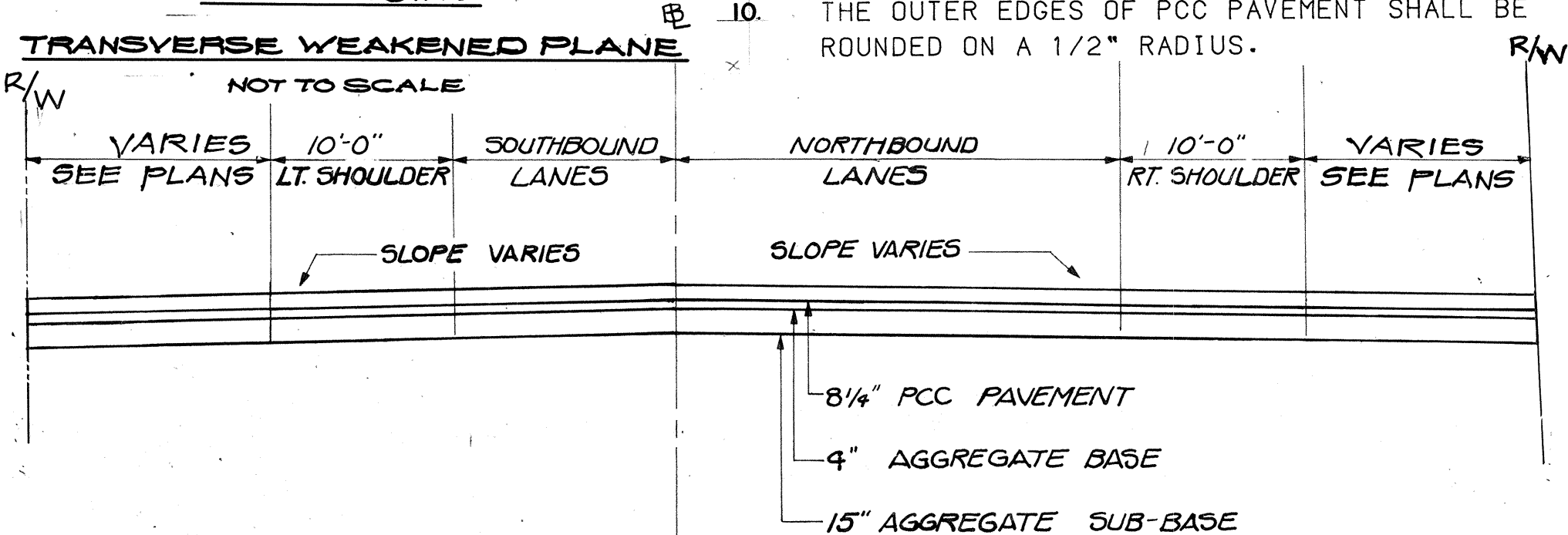
TYPICAL SUPERELEVATED SECTION
(2 LANES)
SCALE: 1/4" = 1'-0"



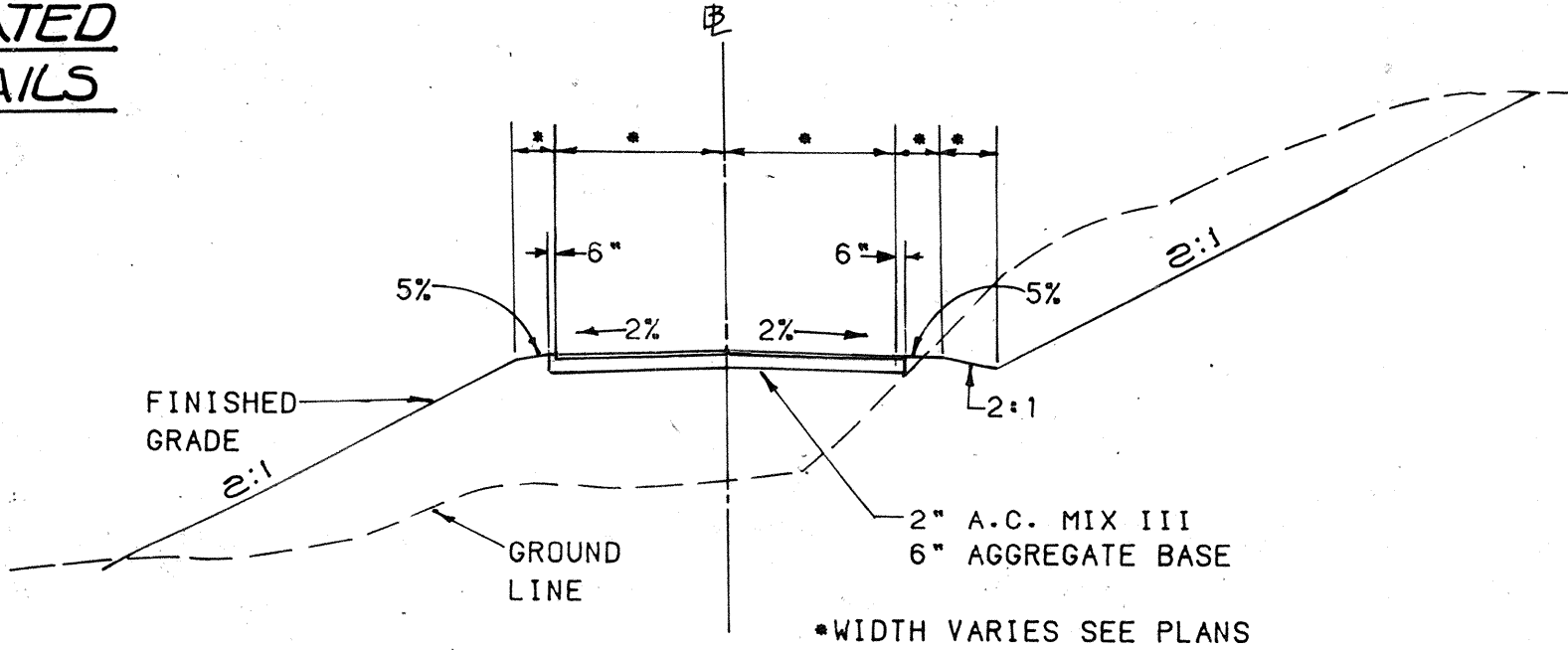
ISLAND CURB DETAIL
SCALE: 1" = 1'-0"



TYPICAL JOINT LOCATION
NOT TO SCALE

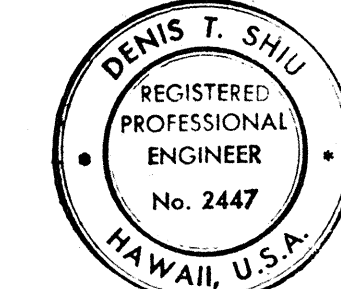


TYPICAL SECTION FOR TRACTOR CROSSING
AT INTERSECTIONS
(WIDTH = 24'-0")
SCALE: 1/8" = 1'-0"



TYPICAL SECTION FOR SIDE ROADS
(OUTSIDE OF RIGHT-OF-WAY)
STA 203+50
STA 211+50
SCALE: 1/8" = 1'-0"

TRANS-MERIDIAN
ENGINEERS & SURVEYORS
505 QUEEN ST., SUITE 500
HONOLULU, HAWAII 96813



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
DENIS T. SHIU

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

HONOAPIILANI HIGHWAY

ALAELOA TO PINEAPPLE HILL

F.A. PROJECT NO. F-030-1 (8)

SCALE: AS SHOWN DATE SEP 1981

SHEET No. 2 OF 2 SHEETS

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