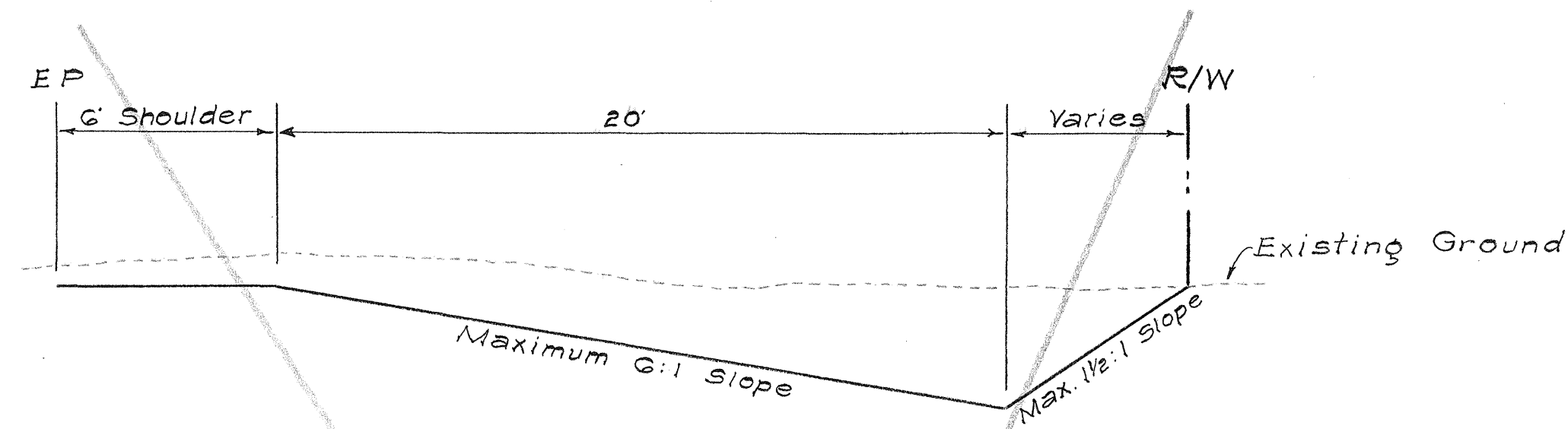
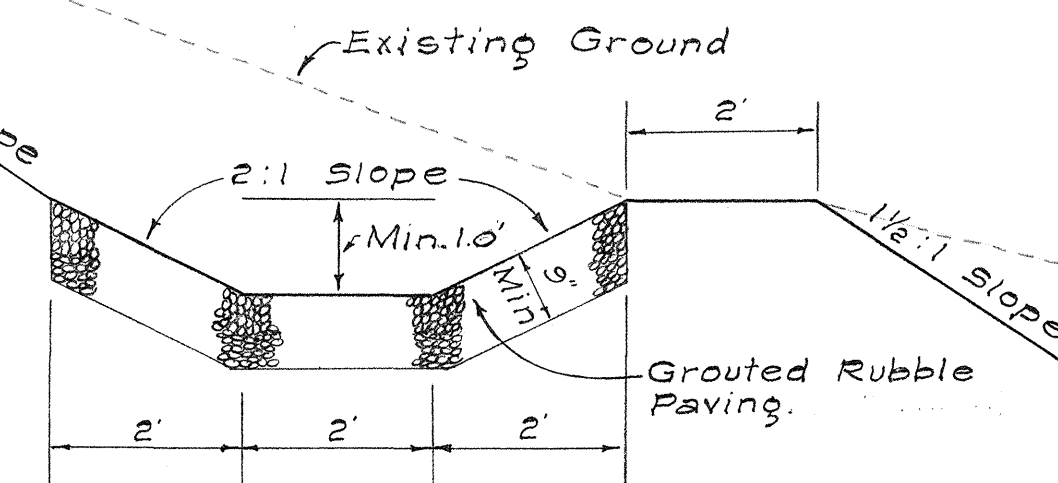
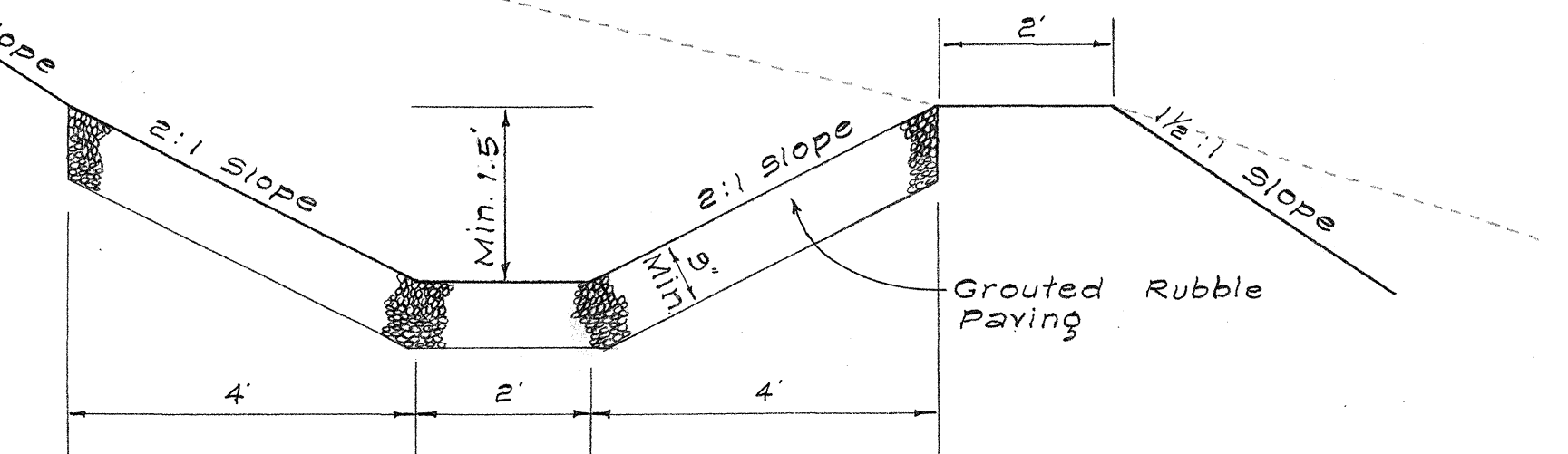




STA. 100+50 To 115+50



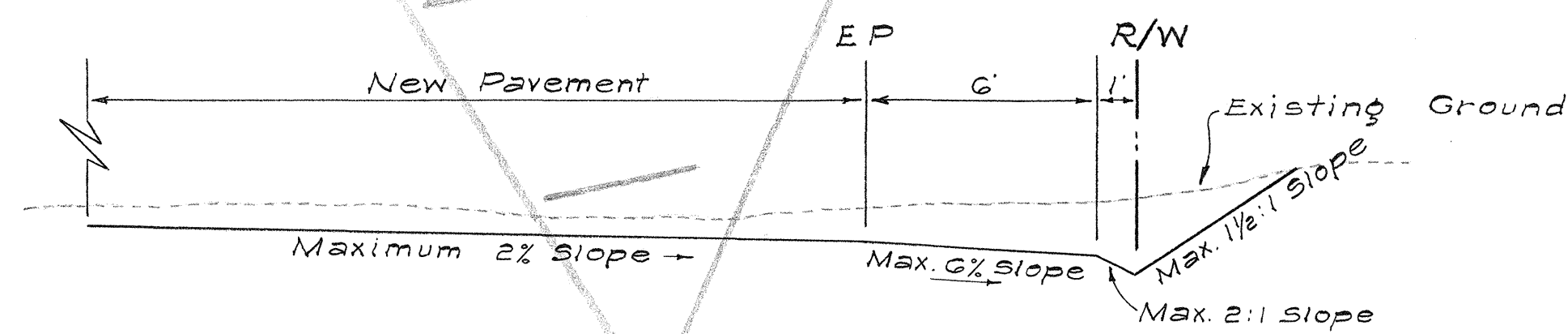
STA. 217+25 TO 222+67



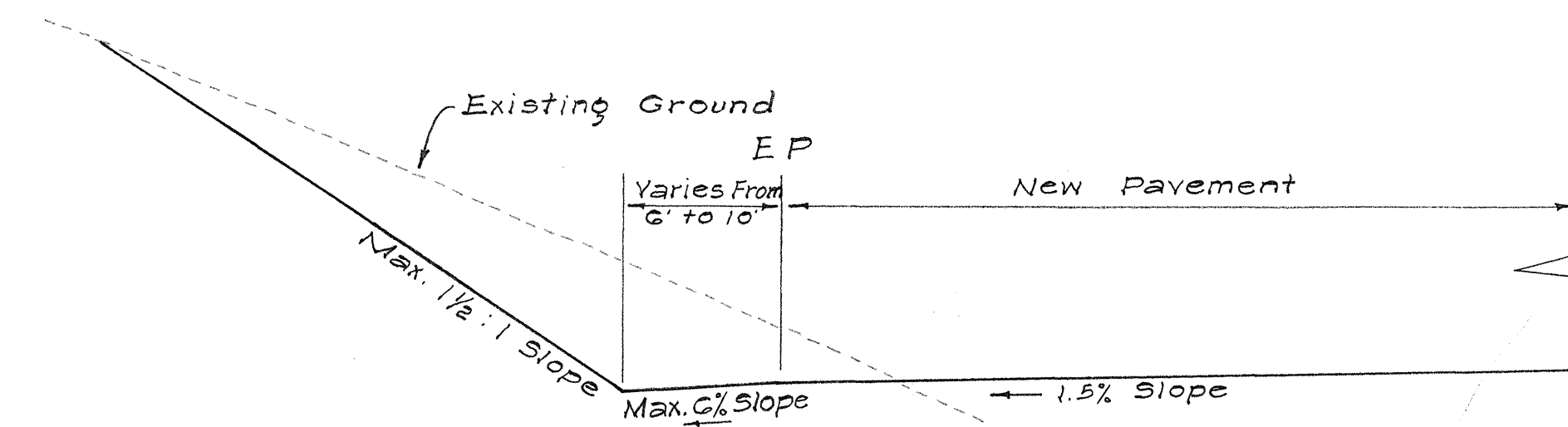
STA. 227+69 TO 230+52

TYPICAL CUT-OFF DITCH SECTION

(AT TOP OF CUT SLOPE)
Scale: 1"=2'



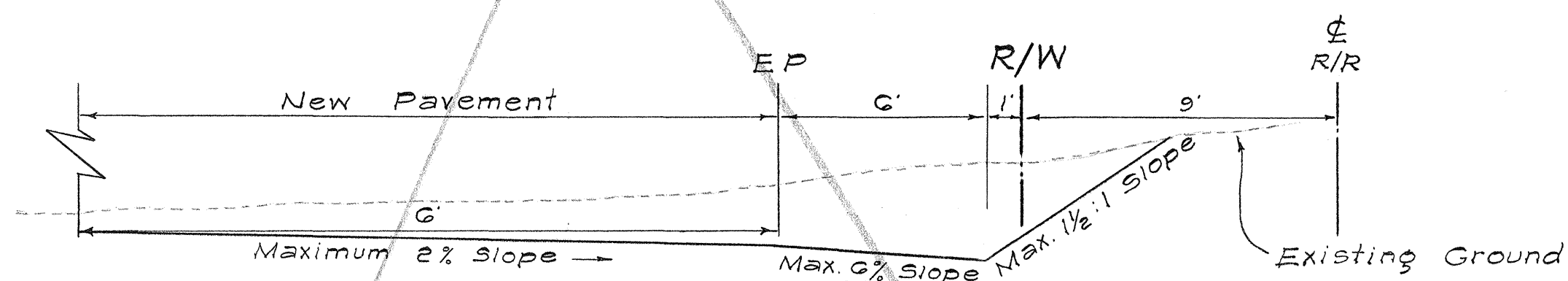
STA. 116+00 To 118+50



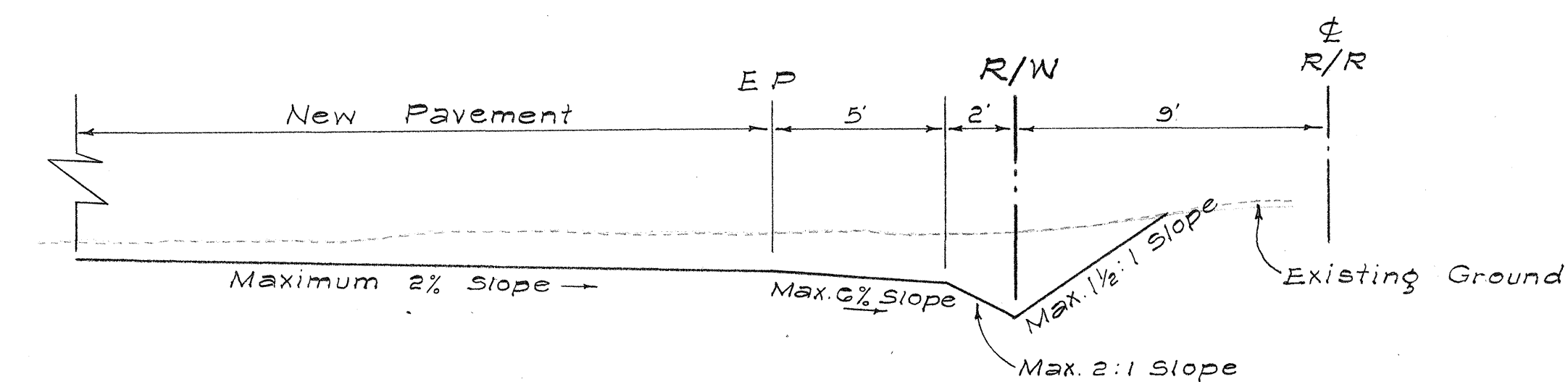
STA. 222+67 To 237+00

TYPICAL SWALE SECTION

(LEFT SIDE)
Not to Scale



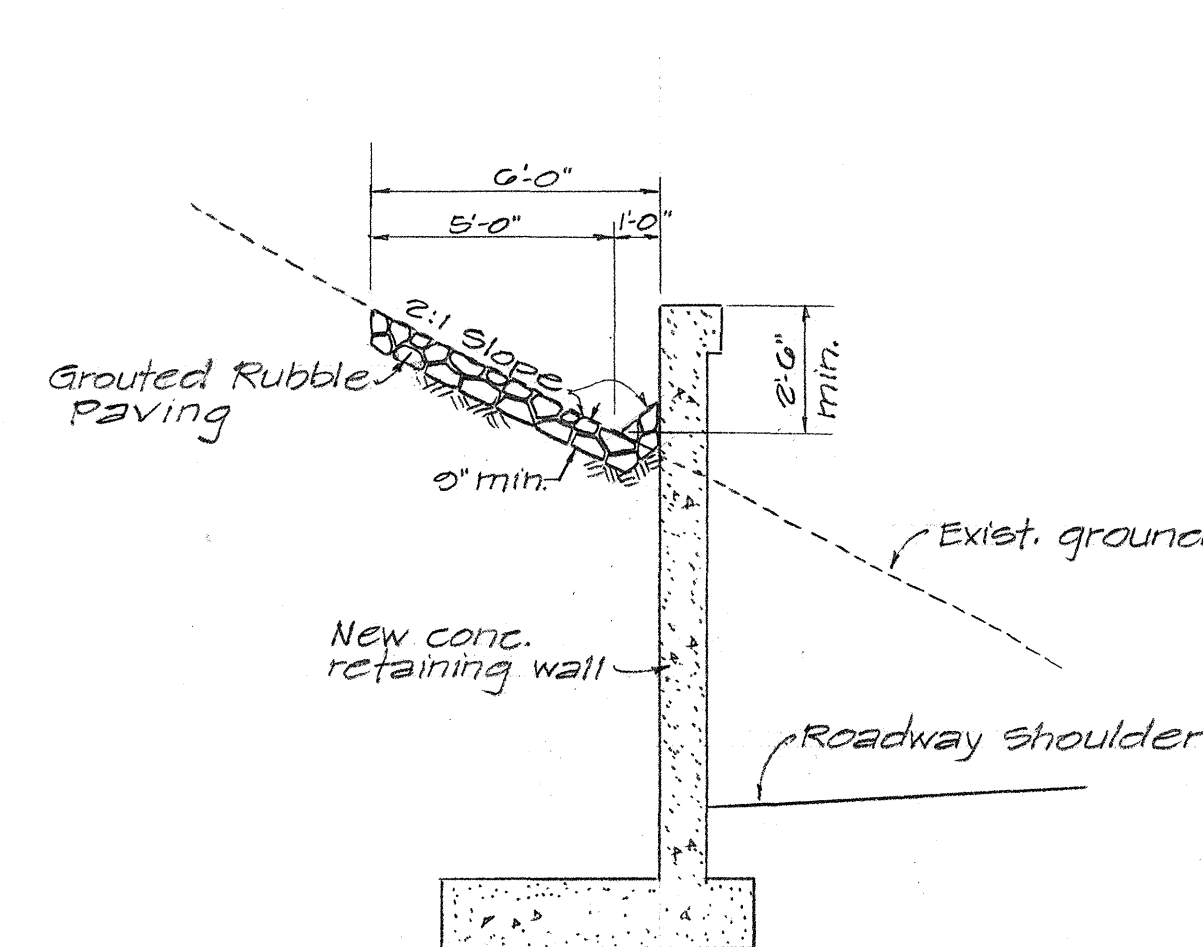
STA. 119+00 To 155+50



STA. 184+50 To 210+00

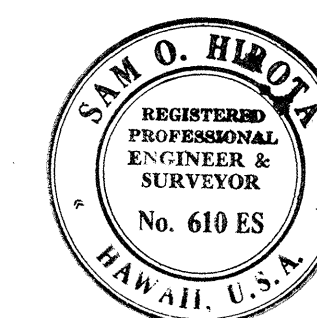
TYPICAL SWALE SECTION

(RIGHT SIDE)
Scale: 1"=4'



TYPICAL CUT-OFF SECTION

STA. 224+00 TO 225+00 & STA. 226+00 TO 227+00
Scale: 1/4"=1'-0"



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION,
Sam O. Hirota, P.E.

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL CUT-OFF DITCH & SWALE SECTIONS

FARRINGTON HIGHWAY WIDENING
PROJECT B-900-01-64
UNIT I

SCALE As Shown

SHEET No. 1 OF 1 SHEETS