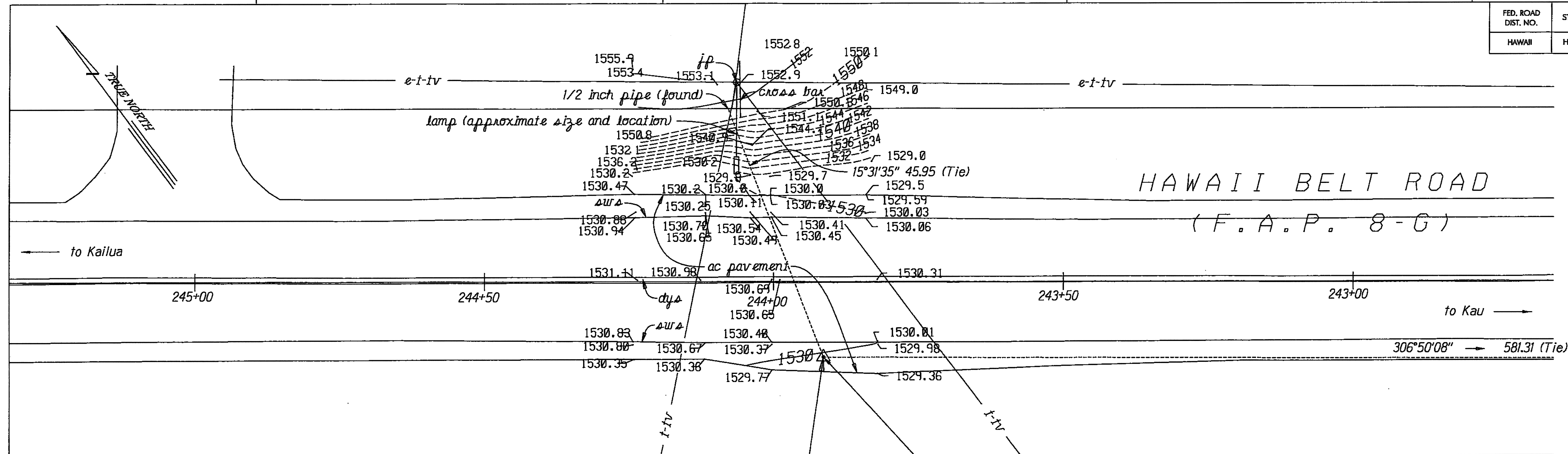
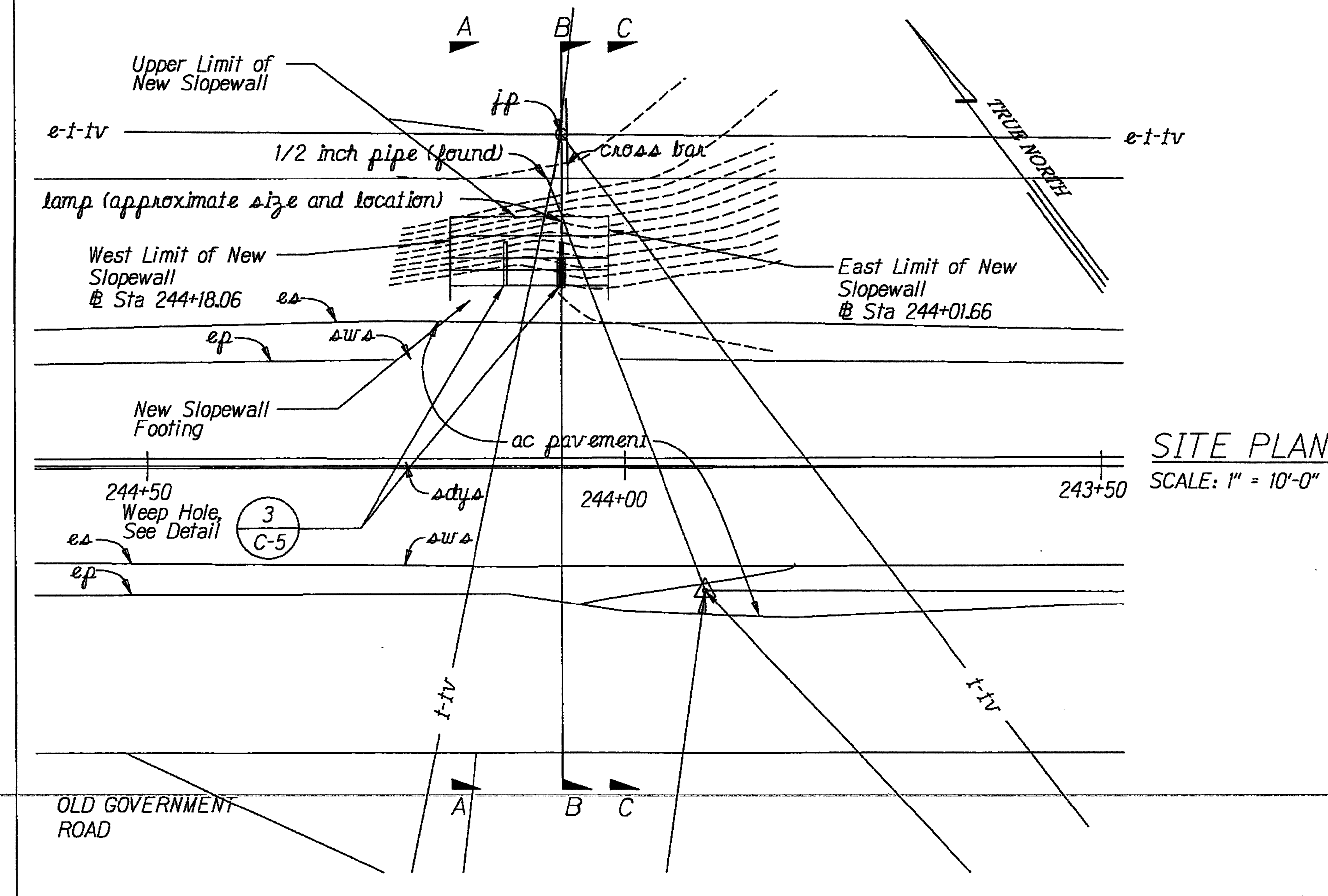


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-15(20)	2010	17	33

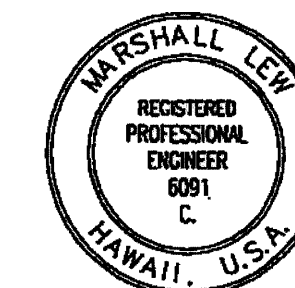


TEMPORARY BENCH MARK
NAIL (SET)
18,496.44 FT. NORTH
5,941.62 FT. EAST
ELEVATION = 1529.91
REFERRED TO MEAN SEA LEVEL

EXISTING CONDITIONS
SCALE: 1" = 10'-0"



MAMALAHOA HIGHWAY, ROUTE 11, MP 108.9
SCALE: 1" = 10'-0"



This work was prepared by me or under my supervision and construction of this project will be under my observation.

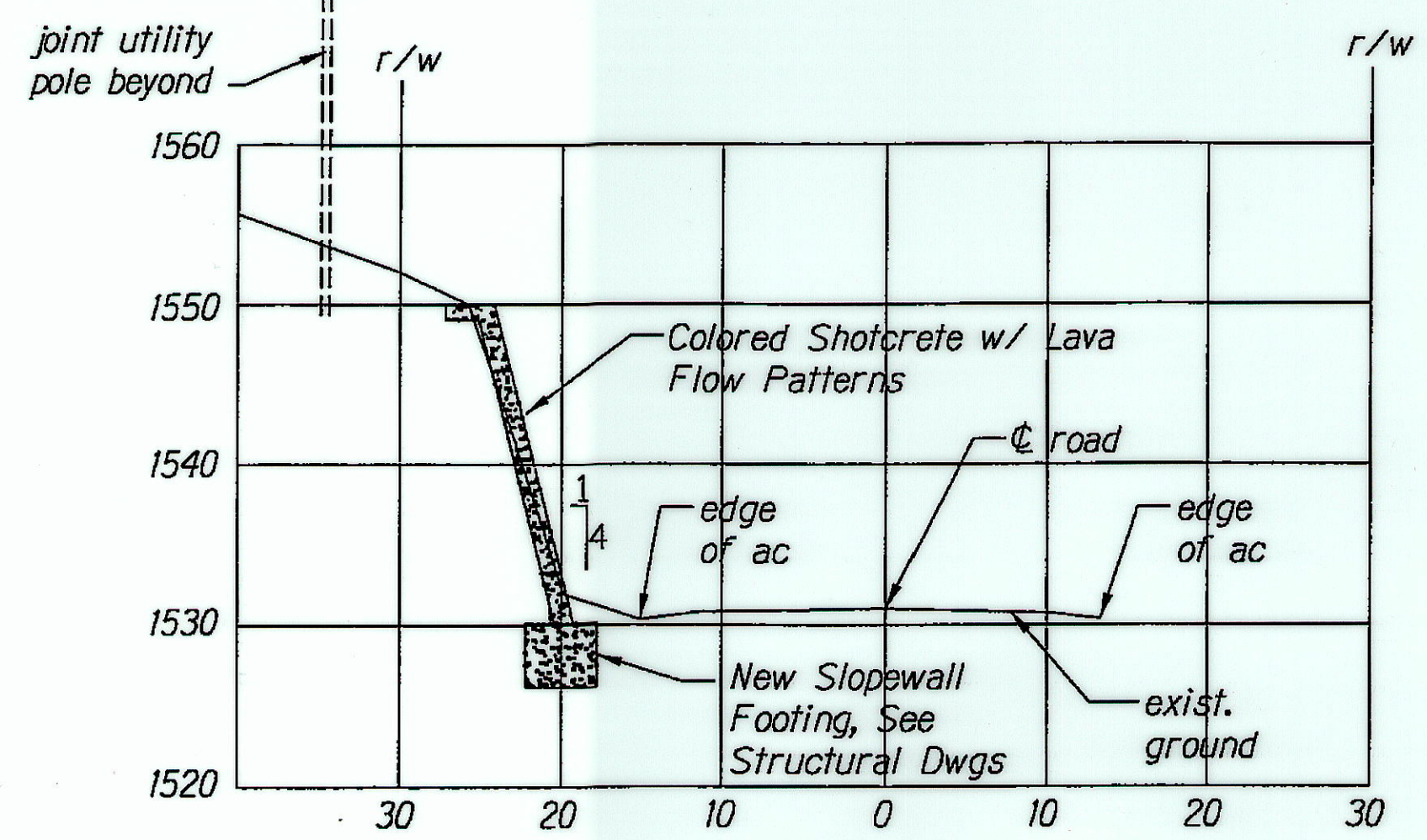
Signature: *Marshall Lew*
Expiration date of the license: 4/30/12

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

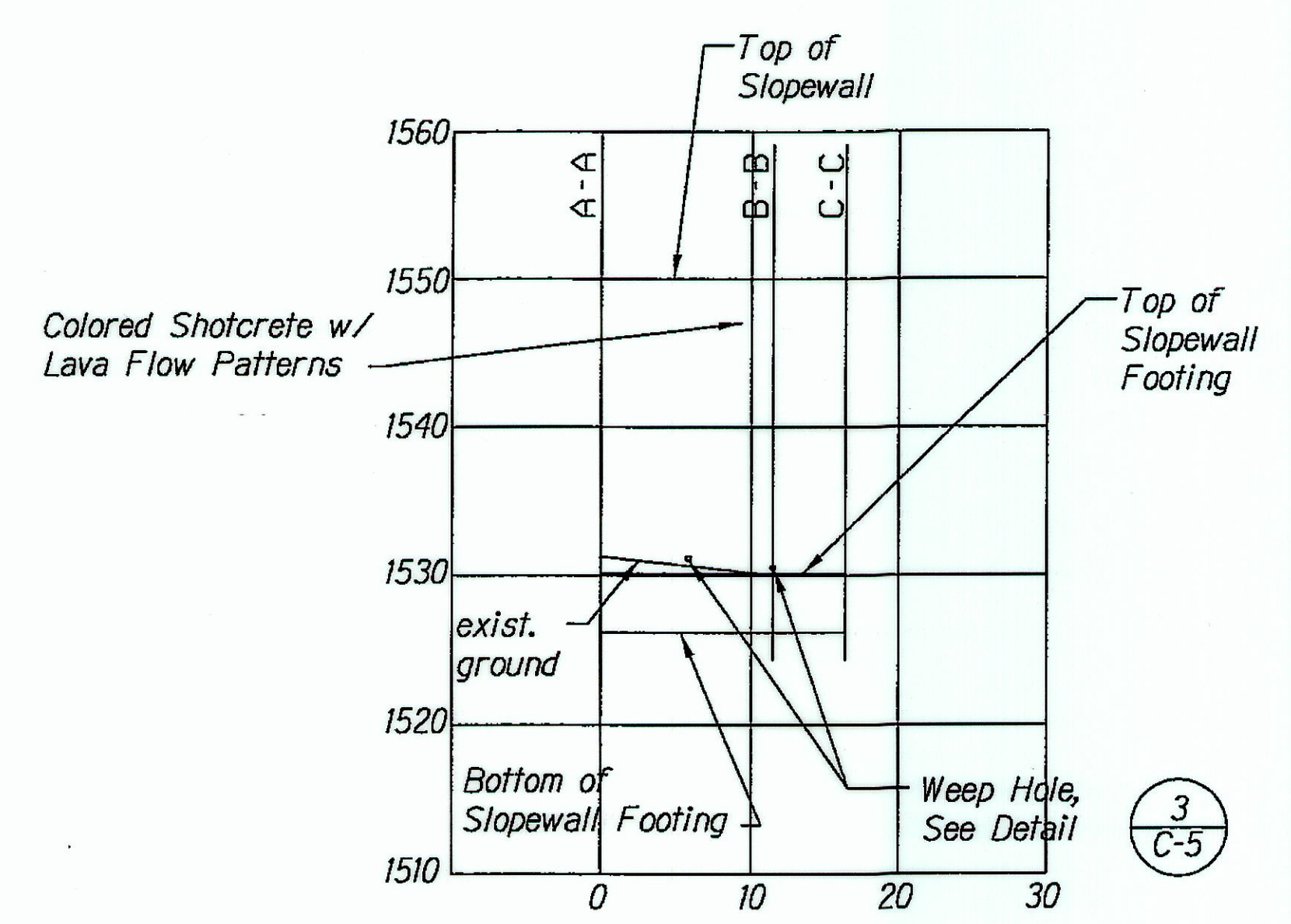
SITE PLAN FOR MP 108.9
EMERGENCY EARTHQUAKE
ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 2
FEDERAL AID PROJECT NO. ER-15(20)
Scale: AS NOTED Date: NOVEMBER 2010
SHEET No. C-15 OF 33 SHEETS

SURVEY PLANNED BY	DATE 8/20/10
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

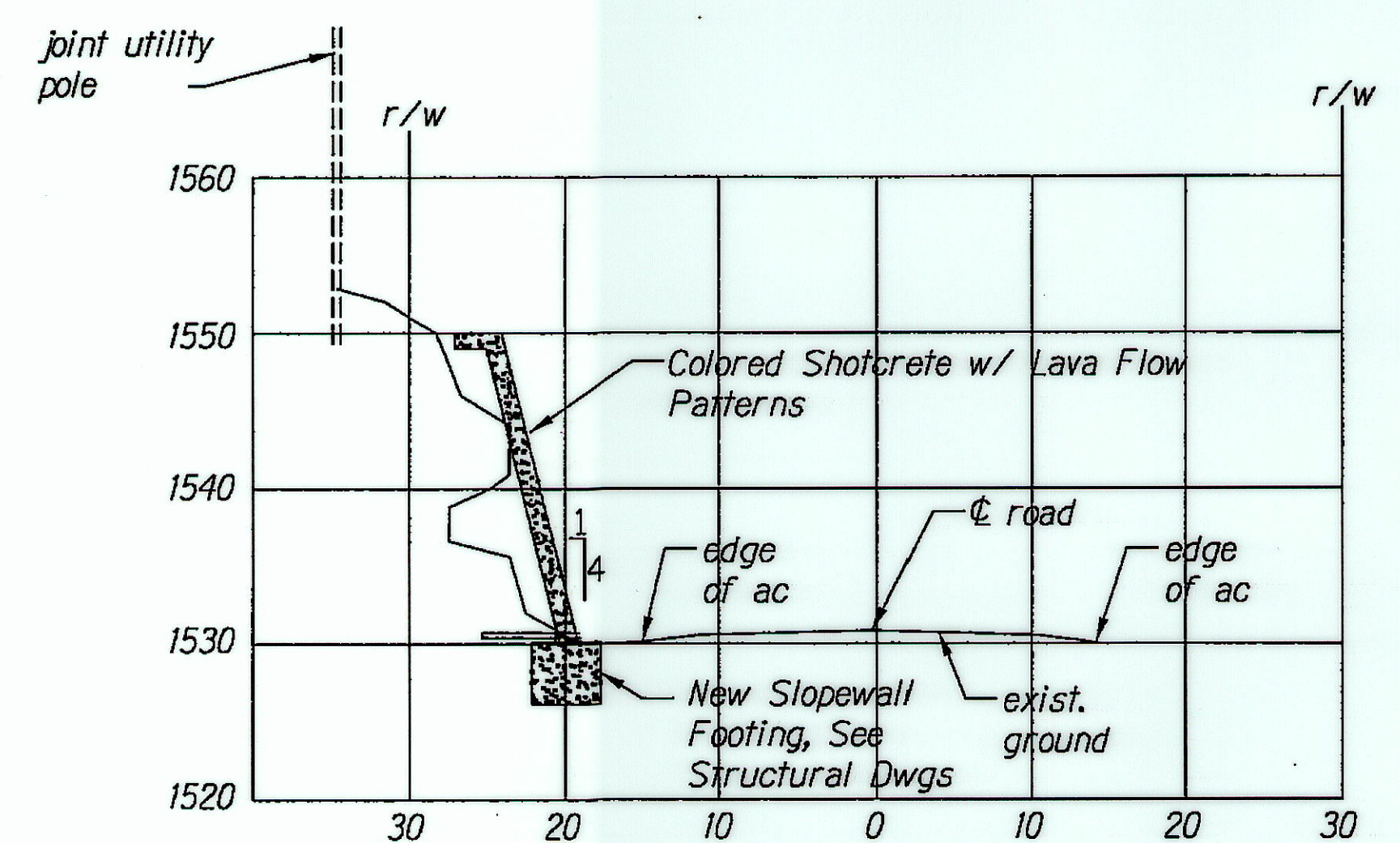
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-15(20)	2010	18	33



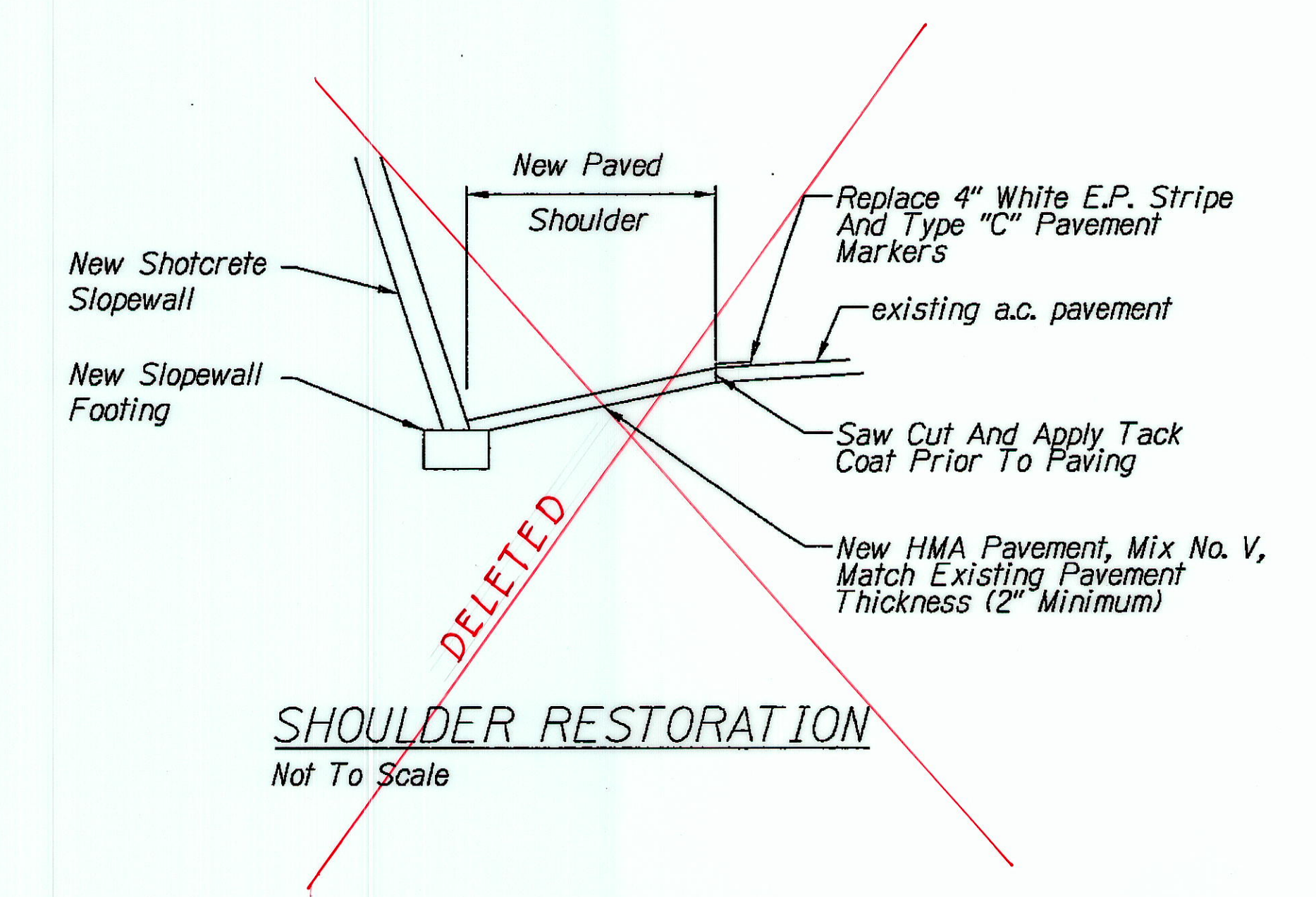
SECTION A-A
SCALE: 1" = 10'-0"



WALL ELEVATION
SCALE: 1" = 10'-0"

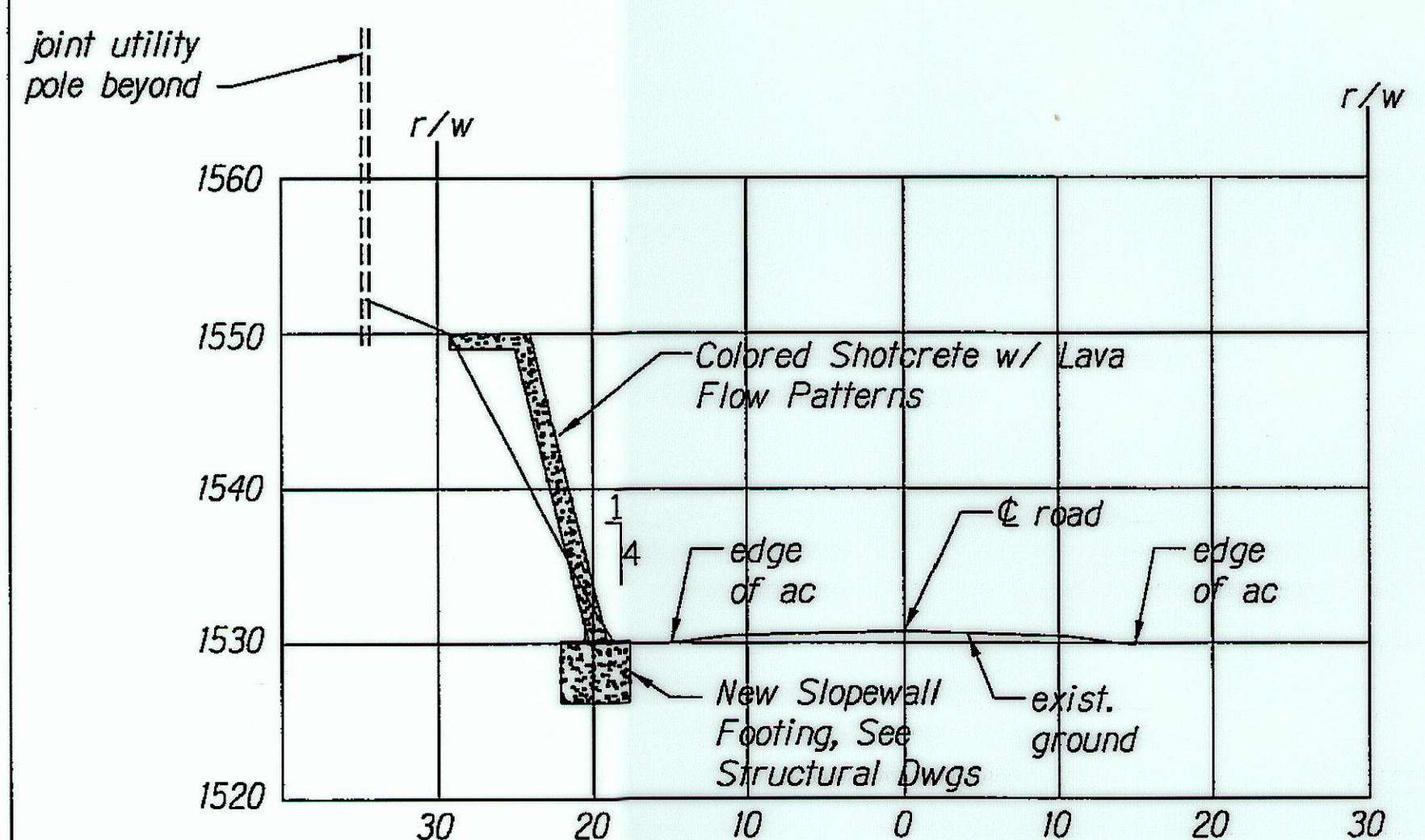


SECTION B-B
SCALE: 1" = 10'-0"



SHOULDER RESTORATION
Not To Scale

MAMALAHOA HIGHWAY, ROUTE 11, MP 108.9
SCALE: 1" = 10'-0"



SECTION C-C
SCALE: 1" = 10'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	8/20/10
DESIGNED BY	
CHECKED BY	
NOTED BY	



This work was prepared by me or under my supervision and construction of this project will be under my observation.
signature *Marshall Lew* 4/30/12
expiration date of the license

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SECTIONS & ELEVATIONS
FOR MP 108.9
EMERGENCY EARTHQUAKE
ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT-2
FEDERAL AID PROJECT NO. ER-15(20)
Scale: AS NOTED Date: NOVEMBER 2010
SHEET No. C-16 OF 33 SHEETS

"AS-BUILT"