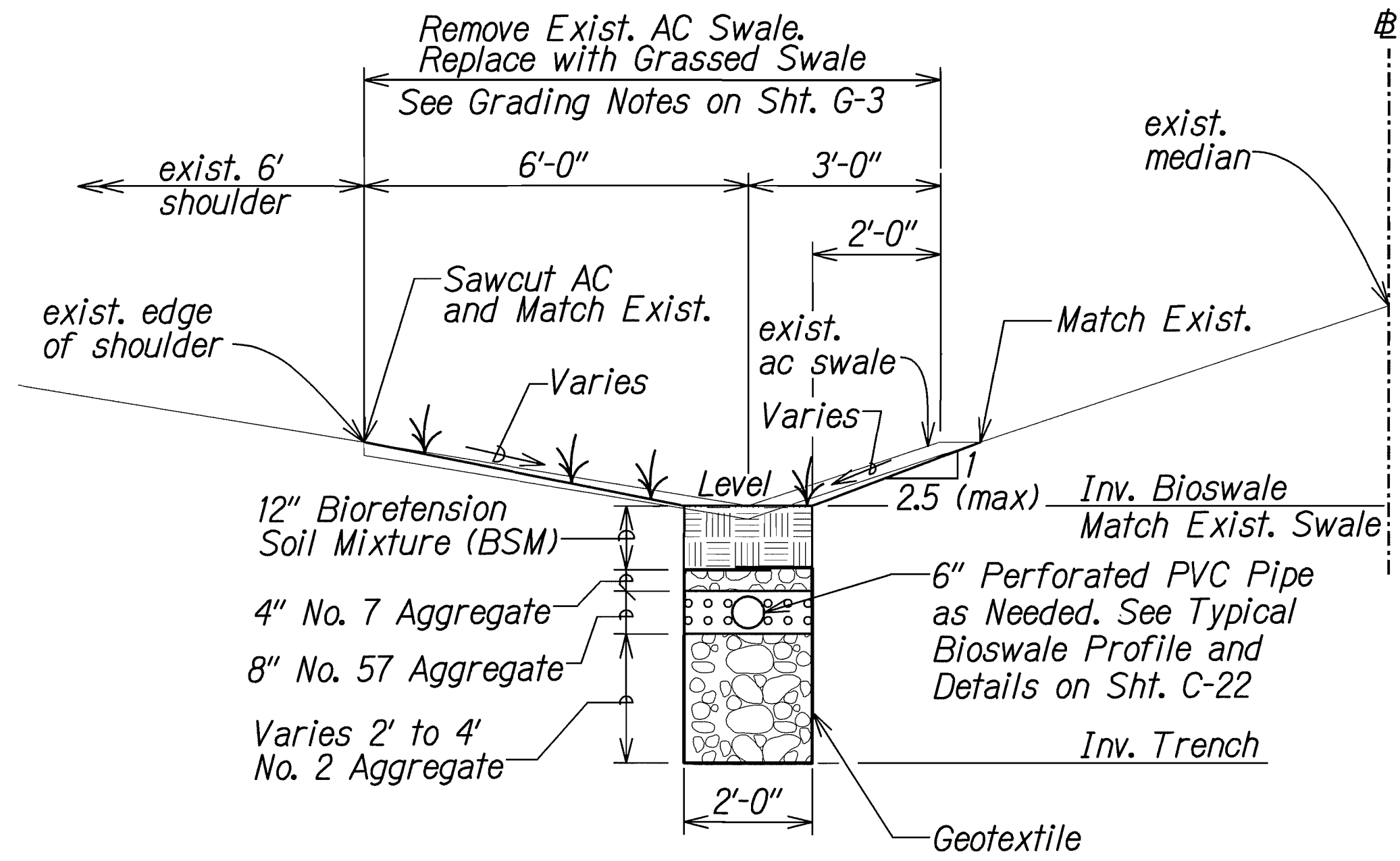
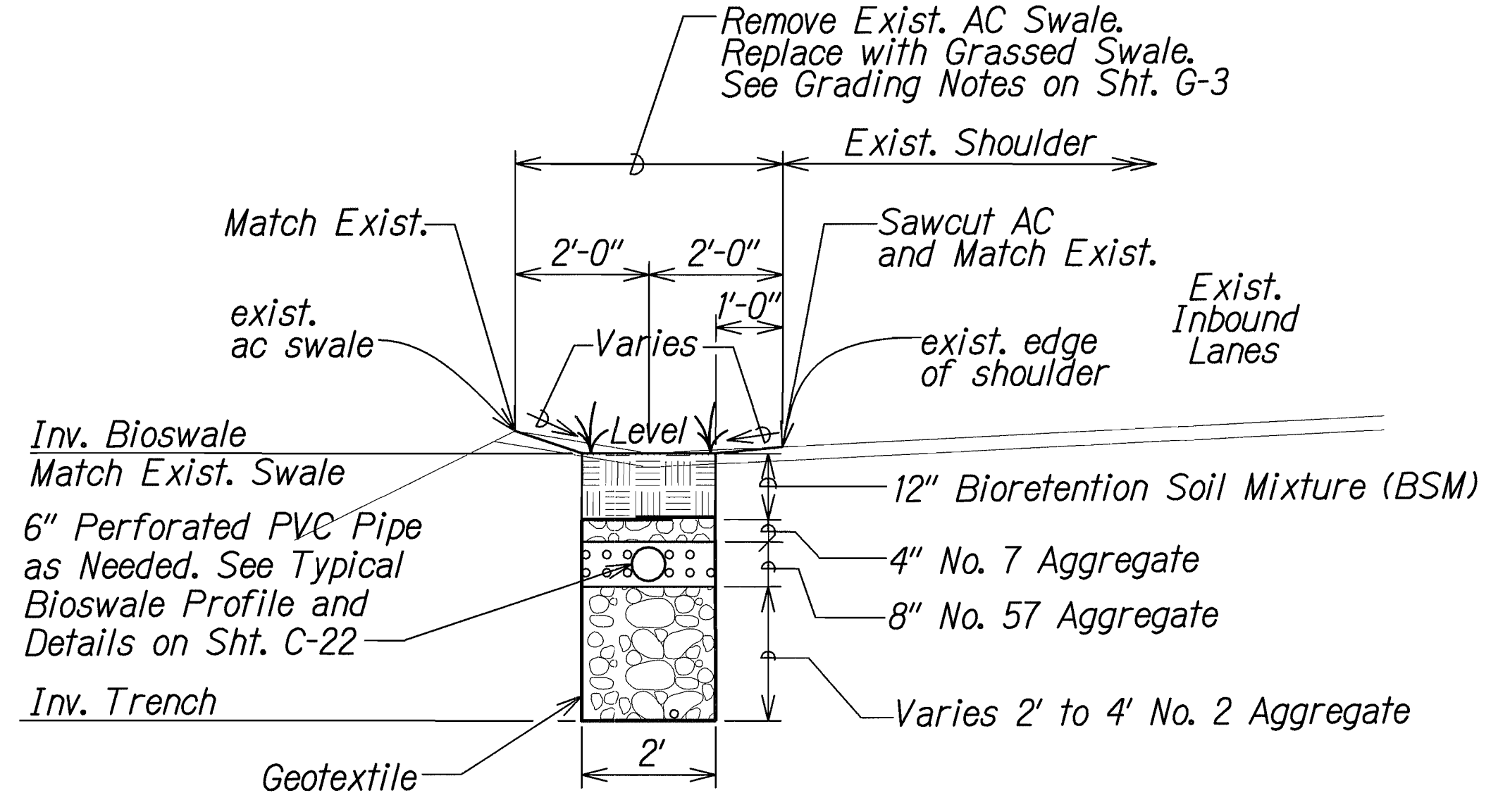


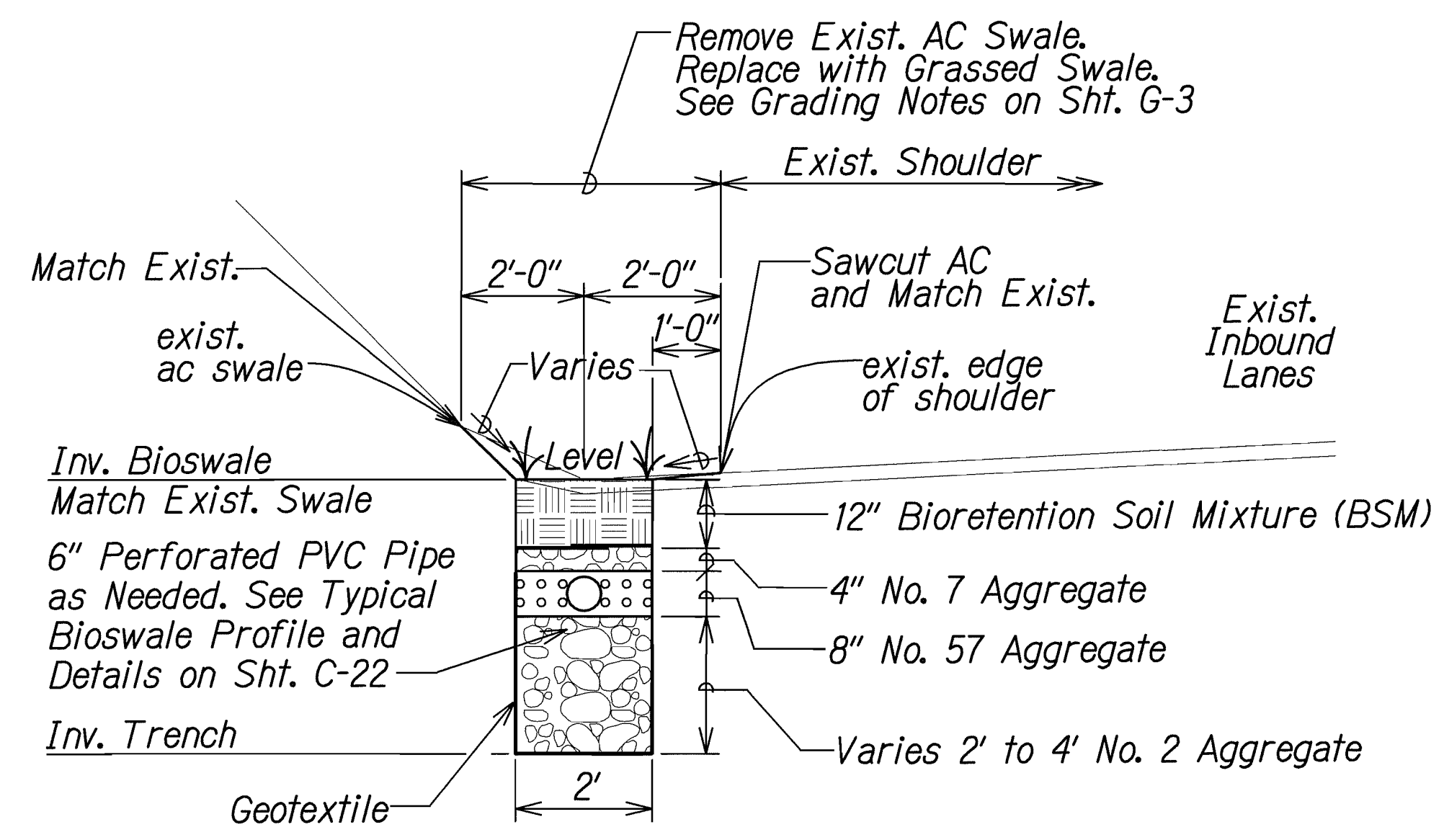
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11	2012	15	43



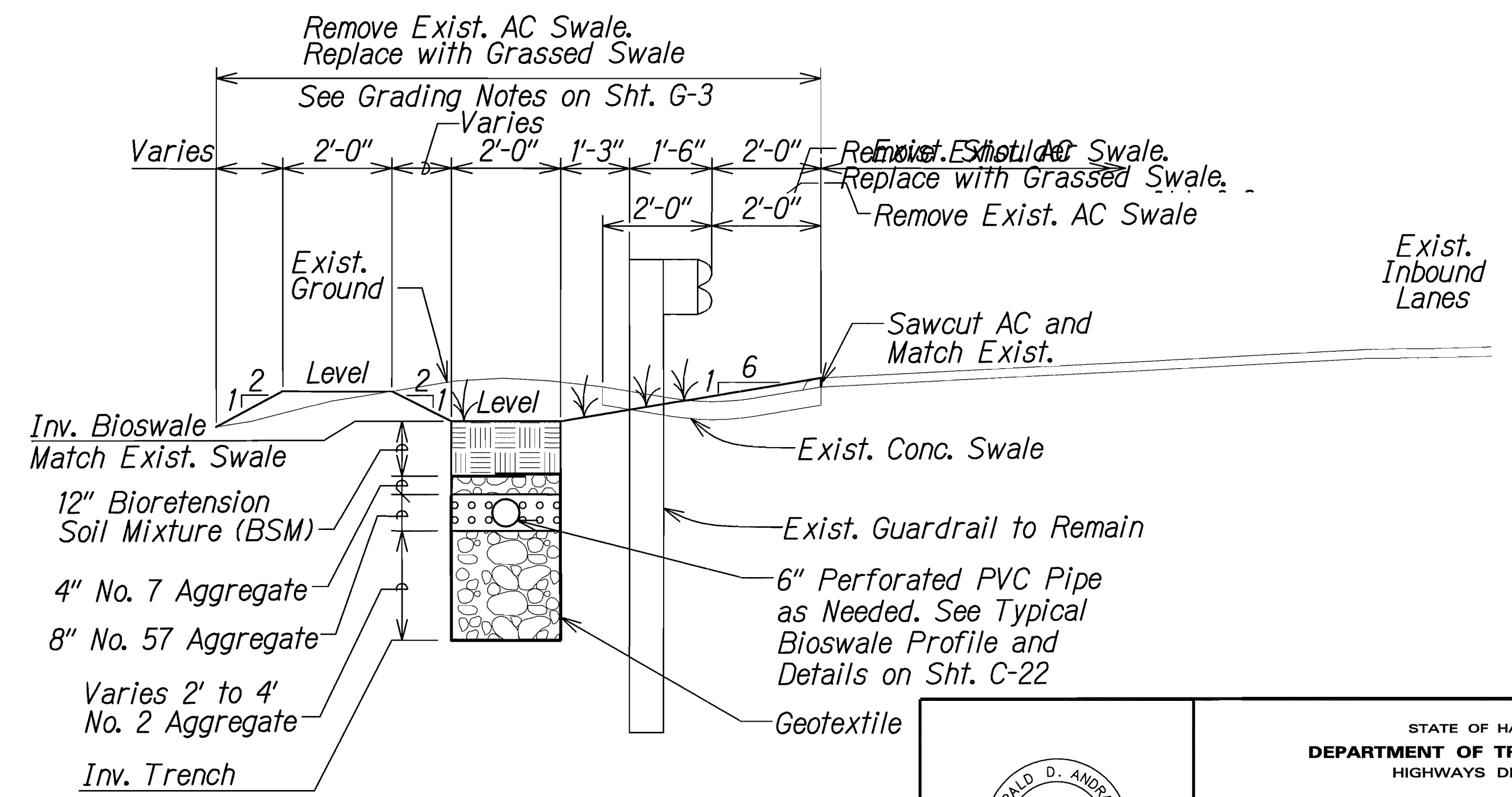
TYPICAL SECTION BIOSWALES A, B, C, D, F, G, H, I
Scale: 1/2" = 1'-0"



TYPICAL SECTION BIOSWALES E
Scale: 1/2" = 1'-0"



TYPICAL SECTION BIOSWALE Q
Scale: 1/2" = 1'-0"



TYPICAL SECTION BIOSWALE O
Scale: 1/2" = 1'-0"

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Anderson* Date: 04/30/14

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

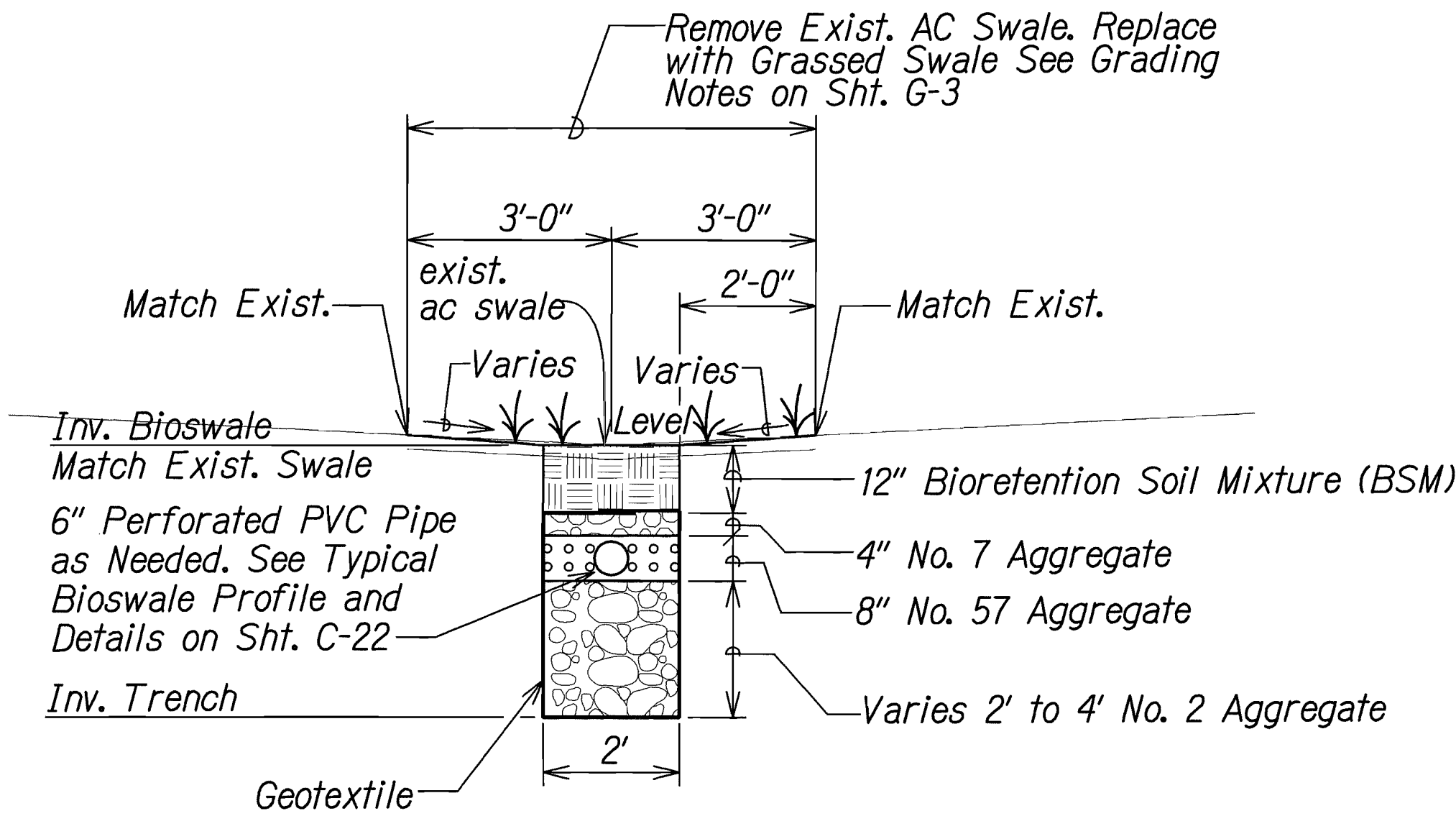
BIOSWALE
TYPICAL SECTION-1
MISCELLANEOUS PERMANENT BEST
MANAGEMENT PRACTICES ON OAHU
PROJECT NO. HWY-0-02-11
Scale: 1/2"=1'-0" Date: May, 2012

SHEET No. C-3 OF 23 SHEETS

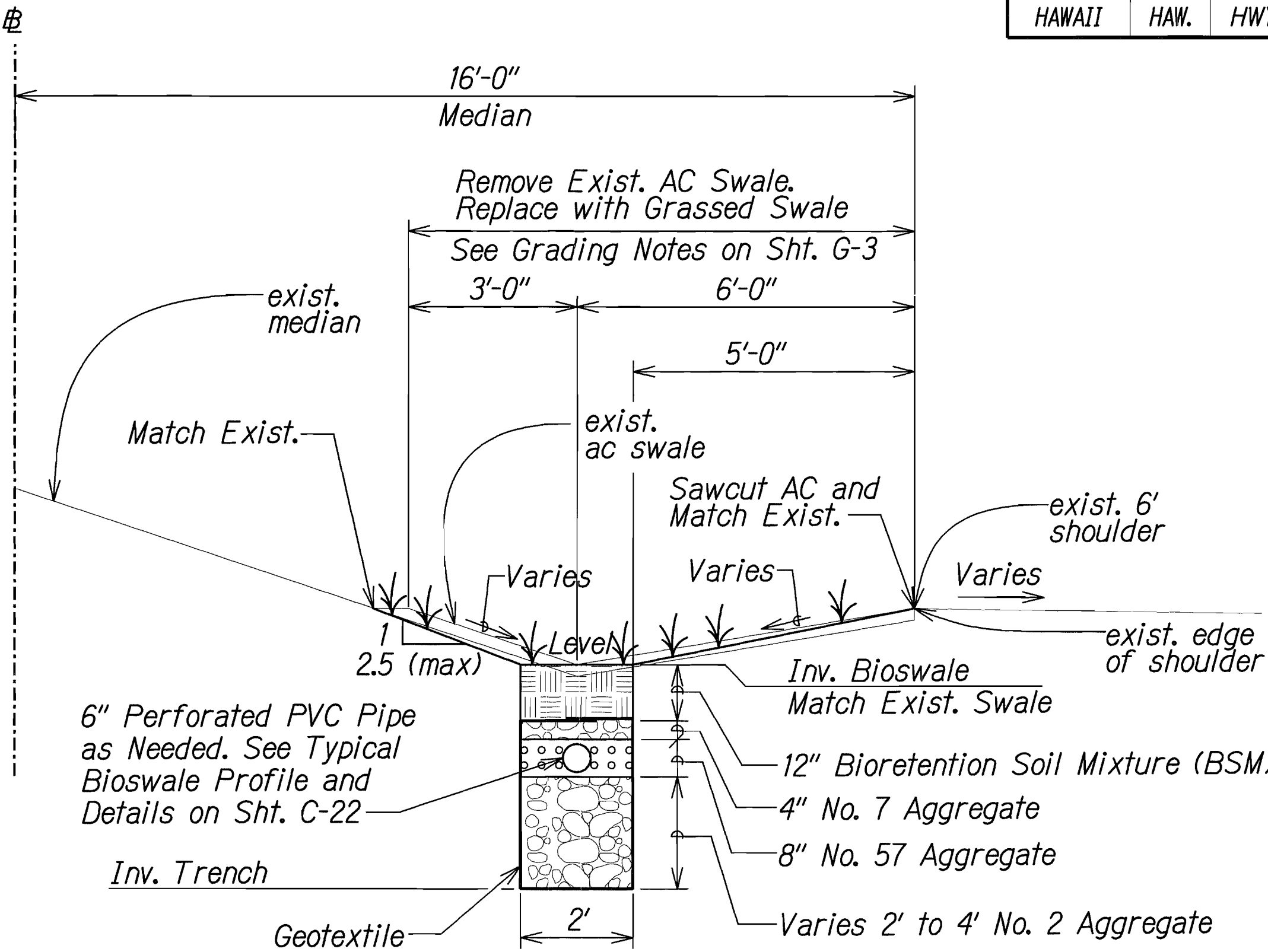
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
NOTE BOOK	
ORIGINAL PLAN	

T:\16523A-Permanent BMP\Cadd\Sheets\section\TS-01.dgn

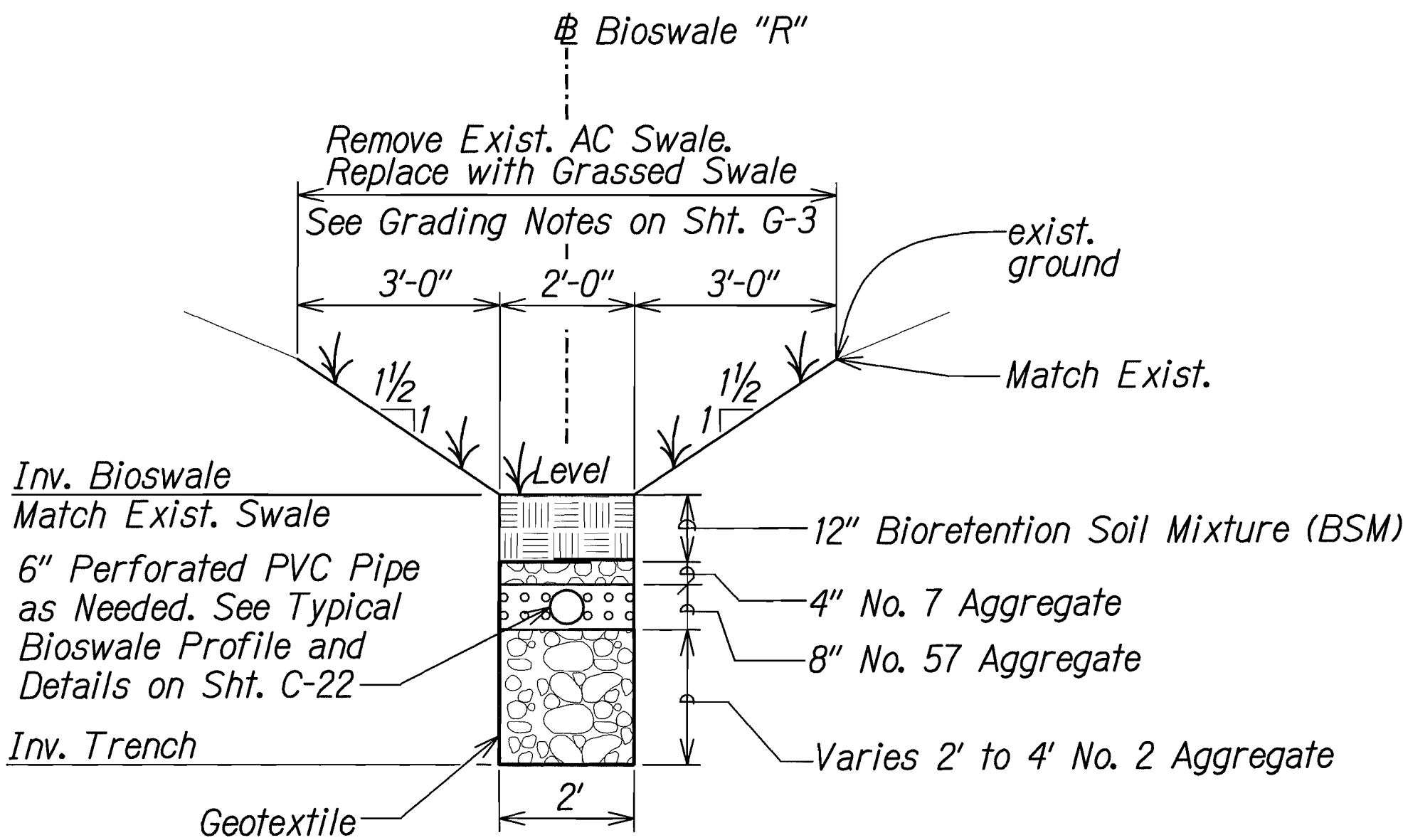
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11	2012	16	43



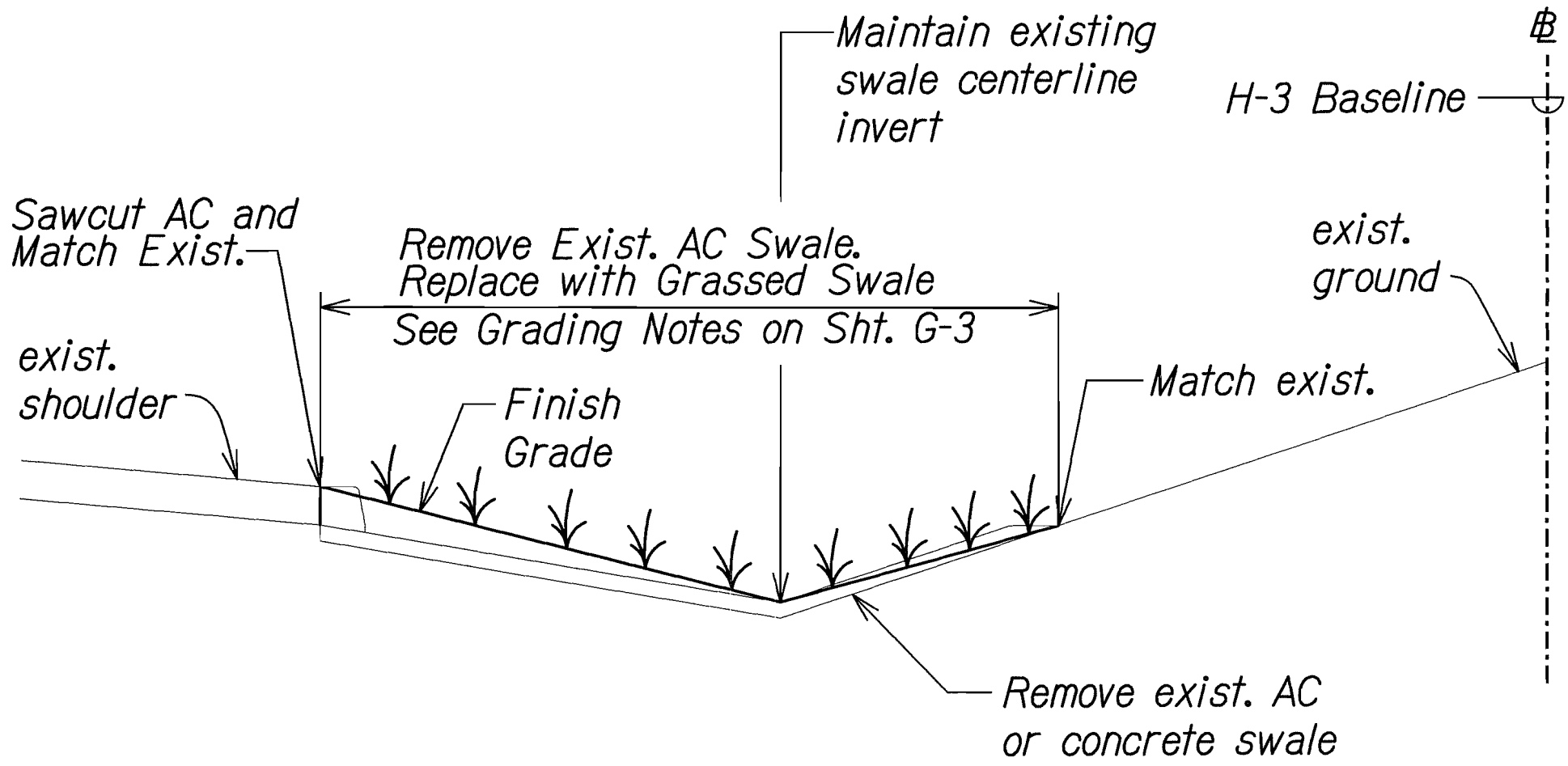
TYPICAL SECTION BIOSWALES J, M, N, P
 Scale: 1/2" = 1'-0"



TYPICAL SECTION BIOSWALES K, L
 Scale: 1/2" = 1'-0"



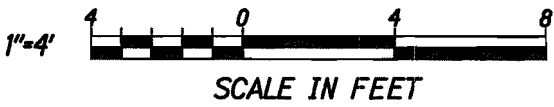
TYPICAL SECTION BIOSWALE R
 Scale: 1/2" = 1'-0"



TYPICAL SECTION SWALES RESTORATION
 Scale: 1/2" = 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	DRAWN BY	
NOTE BOOK	CHECKED BY	
N.A.		

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GERALD D. ANDROS
 LICENSED PROFESSIONAL ENGINEER
 No. 10377-C
 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andros* Date: 04/30/14
 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

BIOSWALE
TYPICAL SECTION-2
MISCELLANEOUS PERMANENT BEST MANAGEMENT PRACTICES ON OAHU
PROJECT NO. HWY-0-02-11
 Scale: 1/2"=1'-0" Date: May, 2012

SHEET No. C-4 OF 23 SHEETS