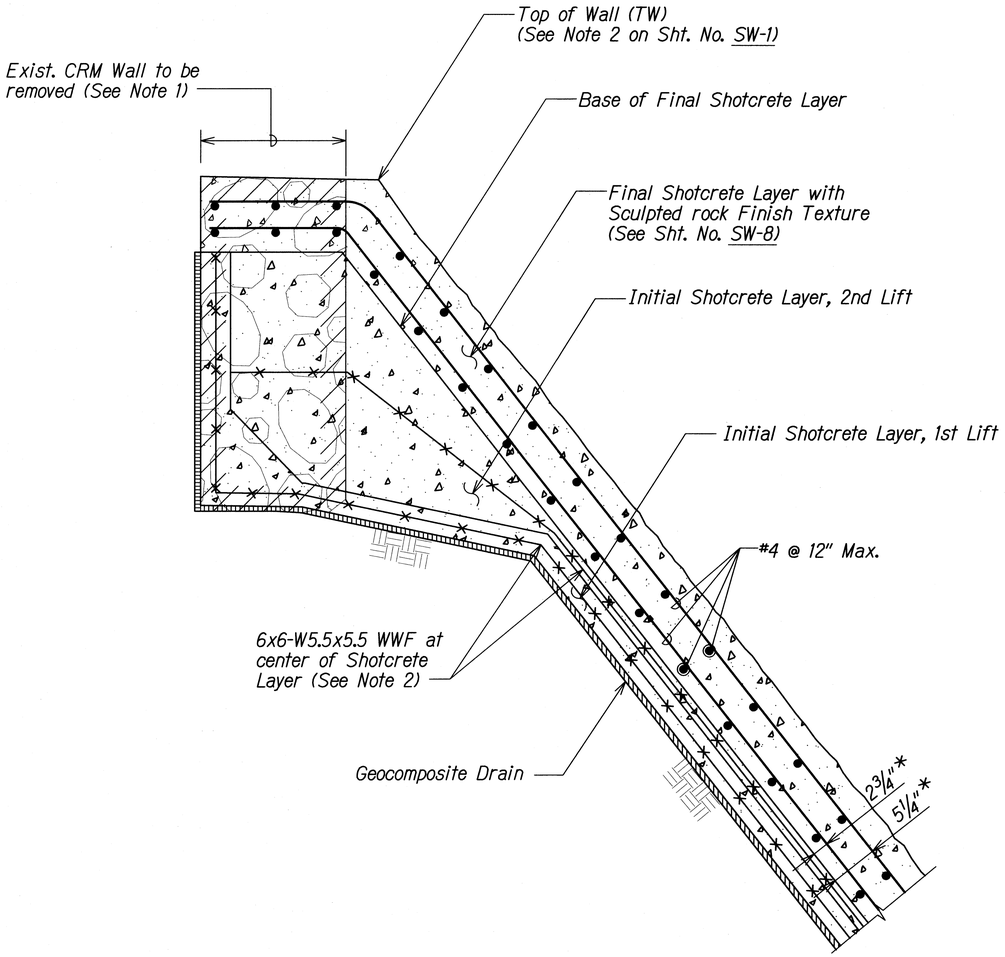
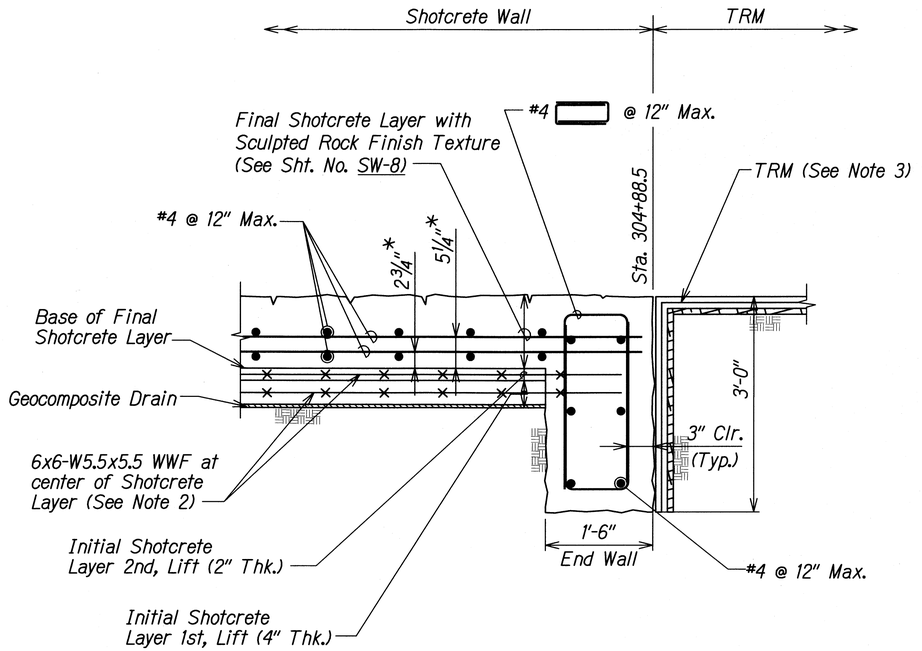
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H1E-01-11M	2012	21	49



SECTION A
Scale: 1"=1'
SW-3 SW-5



PLAN SECTION B
Scale: 1"=1'
SW-5
SW-3, SW-4

NOTES:

1. Contractor shall exercise care during removal of exist CRM Wall to protect existing building columns from damage.
2. For WWF Splicing Detail, See Sht. No. SW-7.
3. For Details of TRM installations shall be per manufacturer's recommendations.

*4. Dimension shown is the distance from Base of Final Shotcrete to centerline of rebar.

1"=1' 1 0 1 2
SCALE IN FEET

ORIGINAL PLAN | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE
NOTE BOOK | N.

J:/SSWP-Aiea Stream Erosion Control/Cadd/Sheets/SW-5.dgn

HUI PANG CHEN
LICENSED PROFESSIONAL ENGINEER
No. 3865-S
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE 04/30/12 EXPIRATION DATE OF THE LICENSE

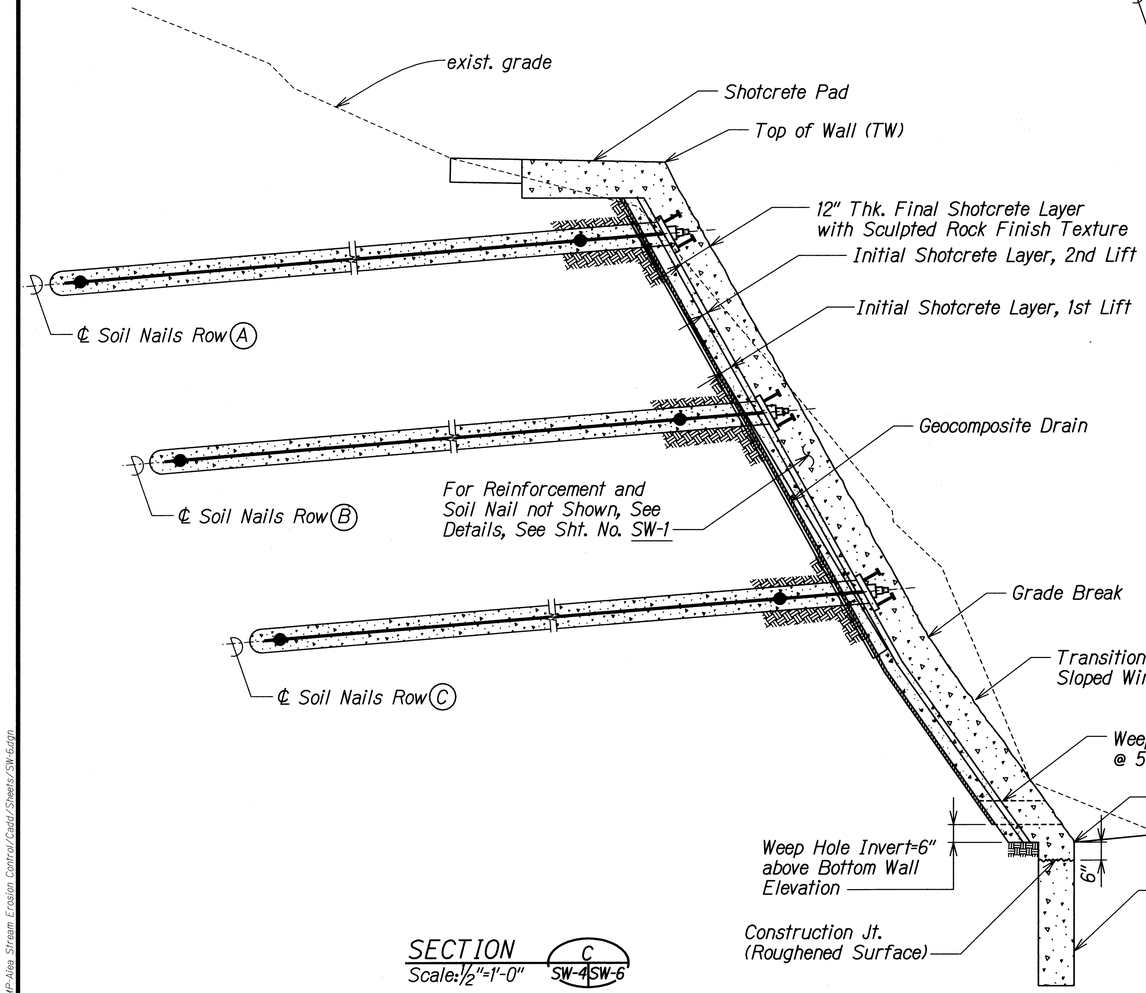
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOTCRETE WALL DETAILS

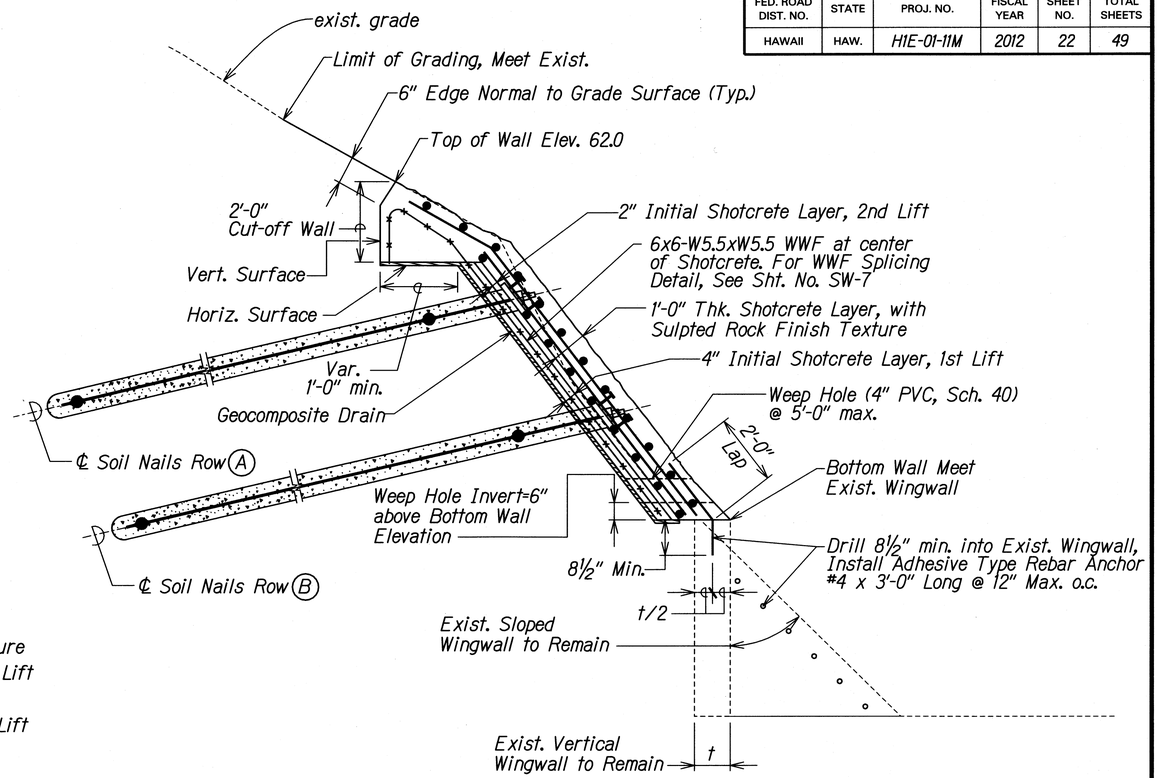
INTERSTATE ROUTE H-1
AIEA STREAM EROSION CONTROL
Project No. H1E-01-11M
Scale: As Shown Date: September 2011

SHEET No. SW-5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIE-01-11M	2012	22	49



SECTION C
Scale: ½"=1'-0"
SW-4 SW-6



SECTION D
Scale: ½"=1'-0"
SW-4 SW-6

½"=1'-0"
½ 0 ½ 1
SCALE IN FEET

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

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HUI PANG CHEN
LICENSED PROFESSIONAL ENGINEER
No. 3865-S
HAWAII, U.S.A.

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SIGNATURE 04/30/12 EXPIRATION DATE OF THE LICENSE

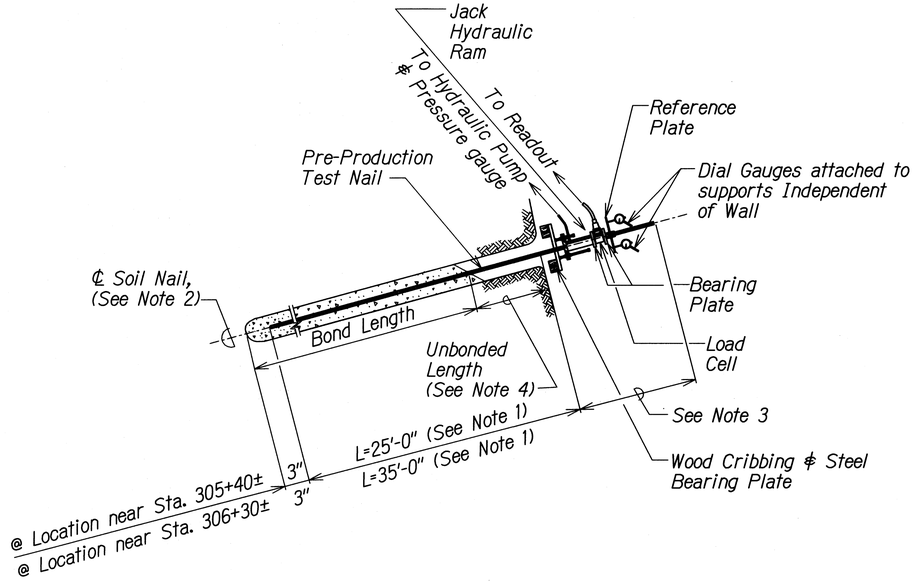
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOTCRETE WALL DETAILS

INTERSTATE ROUTE H-1
AIEA STREAM EROSION CONTROL
Project No. HIE-01-11M
Scale: ½"=1'-0" Date: September 2011

SHEET No. SW-6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H1E-01-11M	2012	23	49

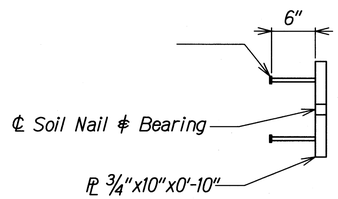


PRE-PRODUCTION LOAD TEST SOIL NAIL DETAIL

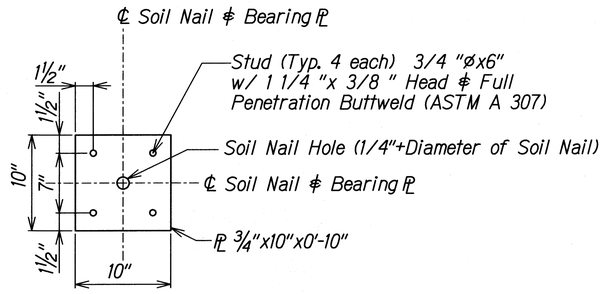
Scale: NTS

LEGEND:

L = Soil Nail Bar Embedment Length



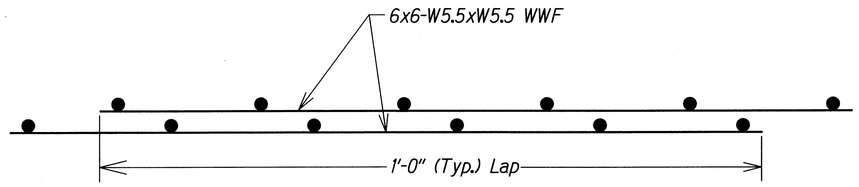
SECTION



PLAN

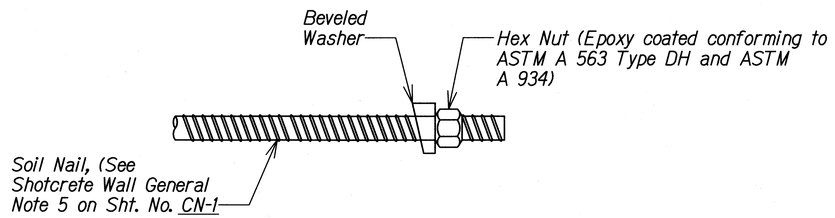
BEARING PLATE DETAIL

Scale: ½"=1'-0"



LAP SPLICE DETAIL

Scale: NTS



SOIL NAIL THREAD BAR

Scale: NTS

NOTES:

1. No separate measurement will be made for Pre-Production Load Test. Soil Nail shall be considered incidental Soil Nail Installations.
2. The Pre-Production Load Test Soil Nails shall be #14 threaded bar conforming to ASTM A 615 Grade 75. These soil nails shall contain centralizers.
3. After completion of Load Test, the Contractor may remove the protruding portion of the Pre-Production Load Test Soil Nail for Geocomposite Drain installations.
4. For the Verification and Proof Load Test Nails an Unbonded length of 3 feet shall be provided.

½"=1'-0" ½ 0 ½ 1
SCALE IN FEET

GERALD Y. SEKI LICENSED PROFESSIONAL ENGINEER No. 5635-C HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE 04/30/12 EXPIRATION DATE OF THE LICENSE
GEOLABS, INC.

HUI PANG CHEN LICENSED PROFESSIONAL ENGINEER No. 3865-S HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE 04/30/12 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOTCRETE WALL DETAILS

INTERSTATE ROUTE H-1
AIEA STREAM EROSION CONTROL
Project No. H1E-01-11M

Scale: As Noted Date: September 2011

SHEET No. SW-7 OF 8 SHEETS

ORIGINAL PLAN | SURVEY PLOTTED BY ____ DATE
DRAWN BY ____
TRACED BY ____
NOTE BOOK | DESIGNED BY ____
QUANTITIES BY ____
No. ____ | CHECKED BY ____

J:/SSWMP-Aiea Stream Erosion Control/Cadd/Sheets/SN-1dgn