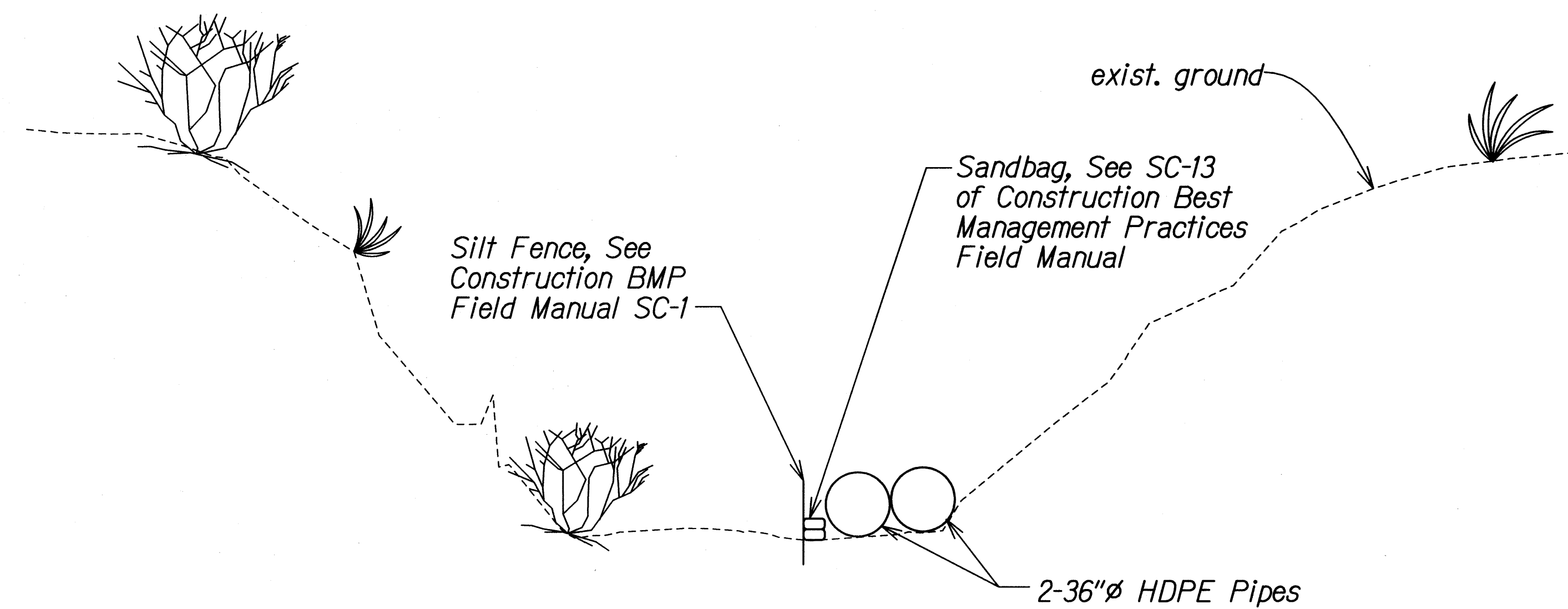
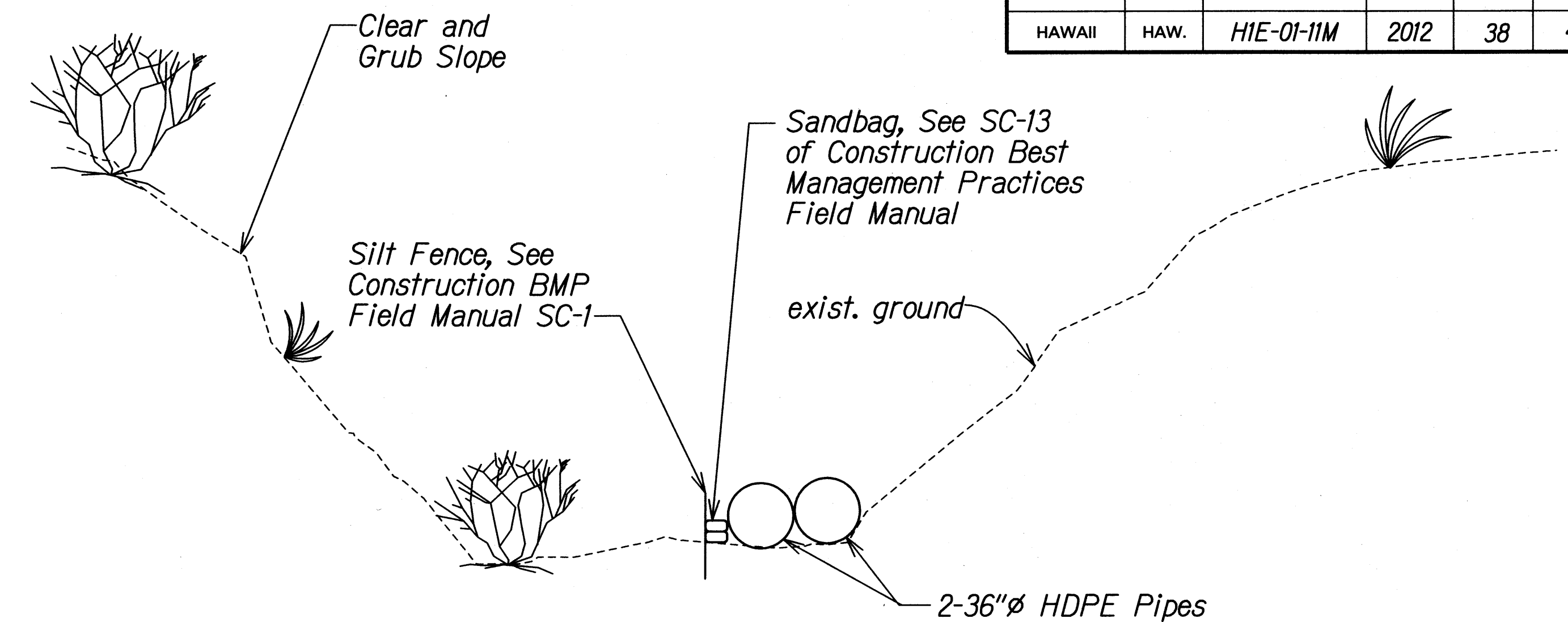


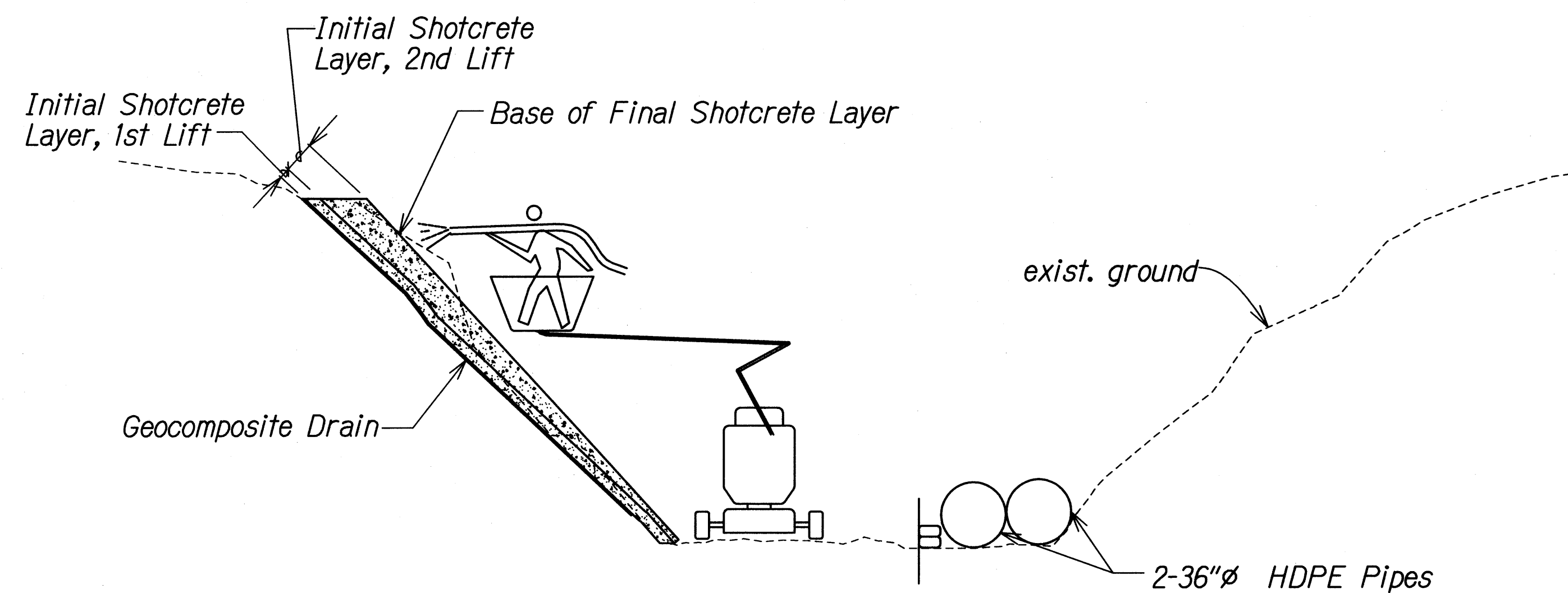
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H1E-01-11M	2012	38	49



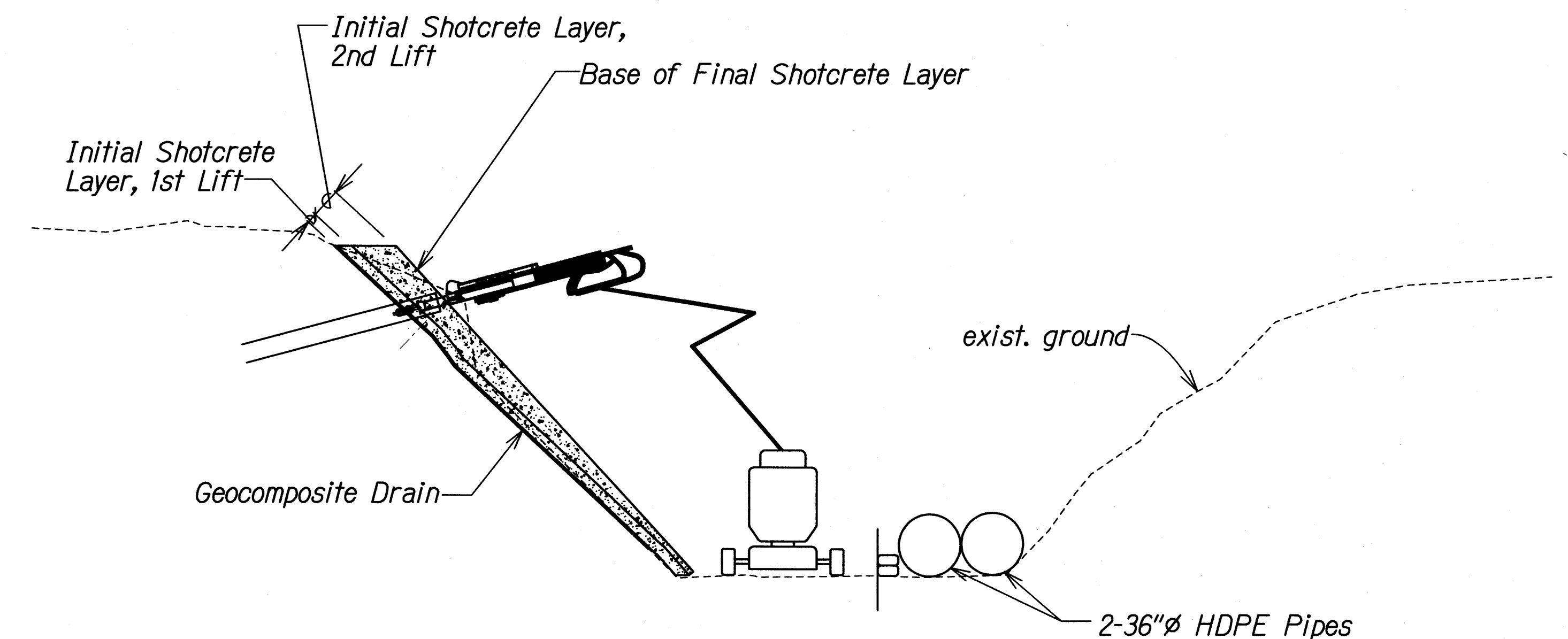
Step 1. Place all Temporary BMPs, Divert Aiea Stream Flow with 2-36" HDPE Pipes.



Step 2. Clear & Grub Slope prior to construction of Shotcrete Wall.



- Step 3a. Place Geocomposite Drain, WWF, Anchor Bars and 4" thk. Initial Shotcrete Layer, 1st Lift.
 3b. Place WWF and Initial Shotcrete Layer, 2nd Lift, which is a make-up fill to develop a plane surface base for the Final Shotcrete Layer.



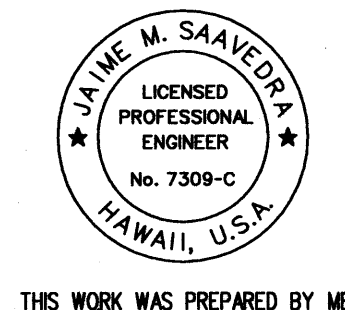
Step 4. Install Soil Nails through Shotcrete (Base of Final Shotcrete of Initial Shotcrete Layer, 2nd lift Step 3b, See Note A.)

NOTE A:

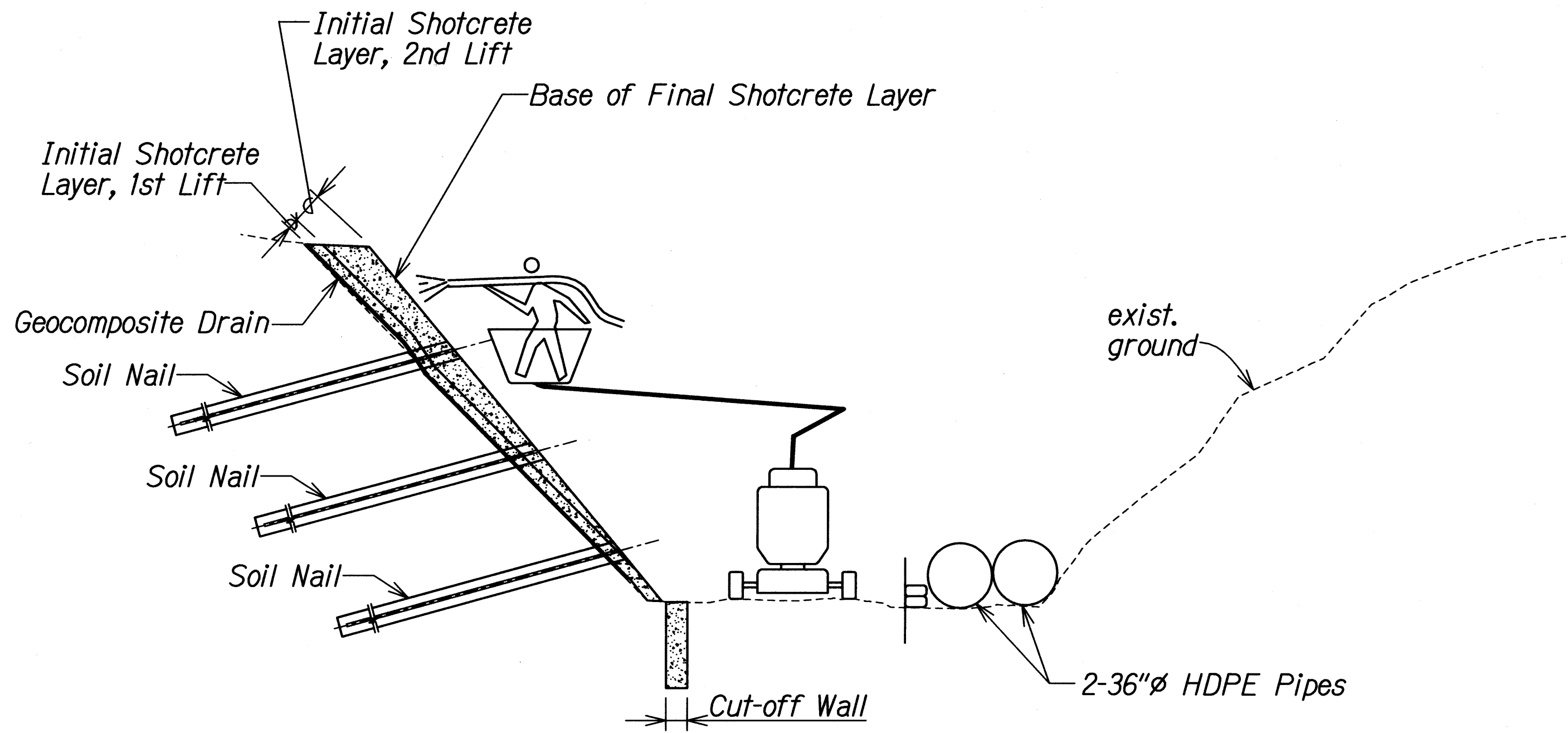
Prior to drilling Soil Nail holes through Shotcrete, the Contractor shall use metal detector to locate the rebar under anchor plate to avoid cutting the rebar during Soil Nail drilling. Adjust locations of Soil Nail in field if the Soil Nail hole is in conflict with the rebar.

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
APPROVED BY	
NOTED BY	
REVISIONS	

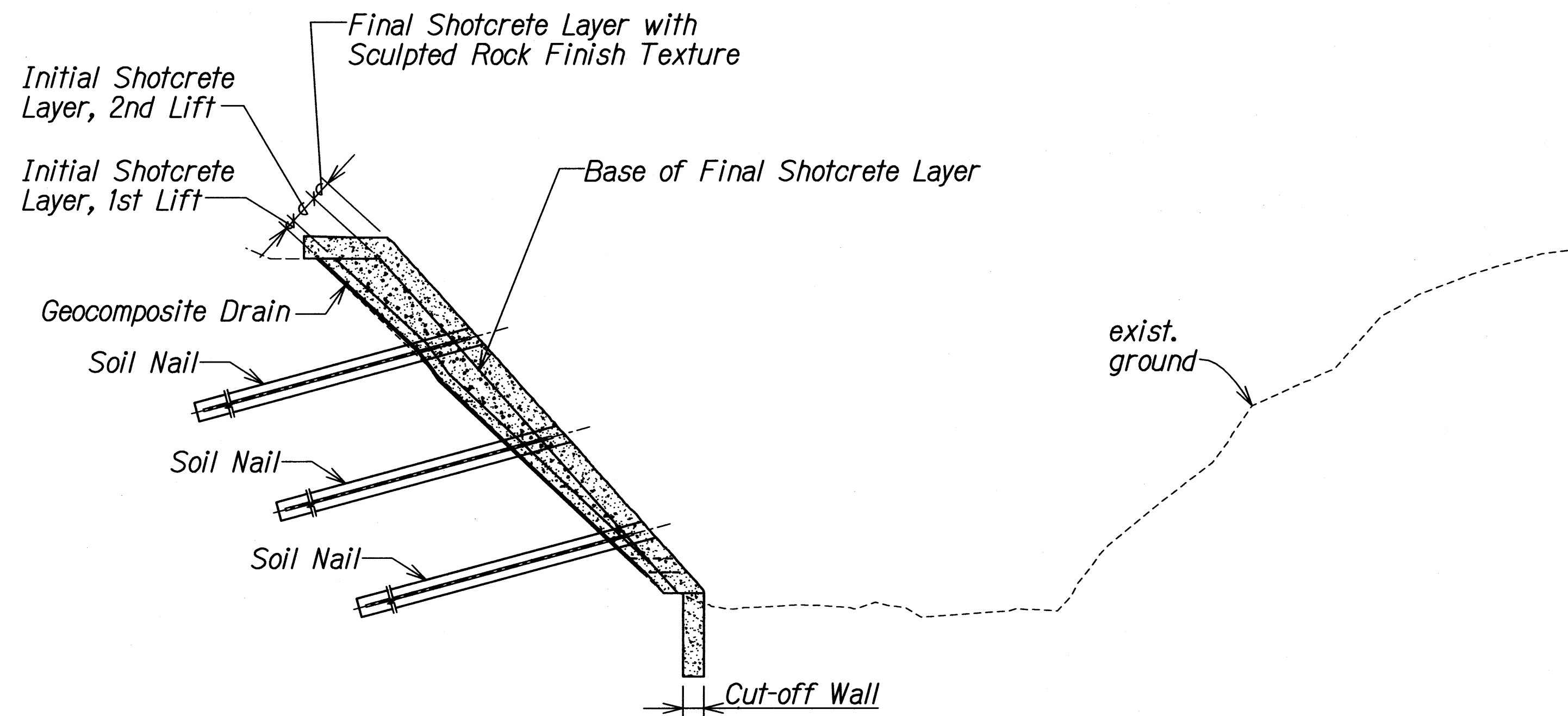
16/SSWMP-Aiea Stream Erosion Control/Lead/Sheets/CS-1.dgn

 <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</p> <p>SIGNATURE: <i>Jaime M. Saavedra</i> EXPIRATION DATE: 04/30/12 OF THE LICENSE</p>	<p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p>CONSTRUCTION SEQUENCE PLAN</p> <p>INTERSTATE ROUTE H-1 AIEA STREAM EROSION CONTROL Project No. H1E-01-11M</p> <p>Scale: NTS Date: September 2011</p>
	<p>SHEET No. CS-1 OF 2 SHEETS</p>
	<p>38</p>

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H1E-01-11M	2012	39	49



Step 5. Install rebar cage for Final Shotcrete Layer and Cut-off Wall.



- Step 6a. Place Final Shotcrete Layer with Sculpted Rock Finish Texture.
- 6b. Remove all temporary BMP's including temporary access road. Restore Site to exist condition or better, restore streambed to original contours to maximum extent practicable.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTIFIED BY	
	CHECKED BY	

h:\SSWMP-Allea Stream Erosion Control\Cadd\Sheets\CS-2.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *Jaime M. Saavedra* 04/30/12
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**CONSTRUCTION
SEQUENCE PLAN**

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

Scale: NTS Date: September 2011