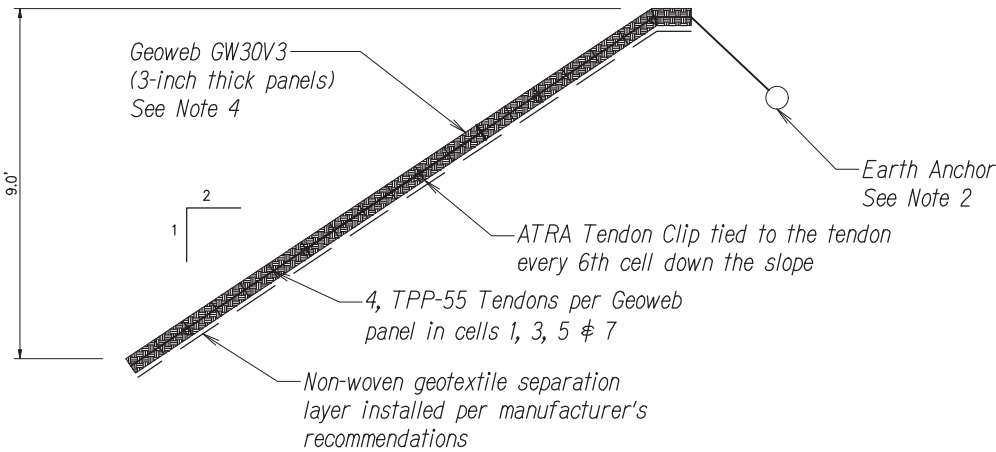


DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
MAUI	HAW.	377A-01-22M	2024	21	22

Notes:

1. Geoweb, Tendons, ATRA Keys, and ATRA Tendon Clips to be manufactured by Presto Geosystems.
2. Tie earth anchor to each tendon with a minimum pull-out resistance of 650 lbs (302 lbs/ft x 8.5 ft/panel ÷ 4 tendon/panels) plus manufacturer recommended factor of safety based on site soil conditions, as determined by the Engineer.
3. The Geoweb panels shall be connected with ATRA Keys at each interleaf and end to end connection.
4. Geoweb infill shall be import borrow.

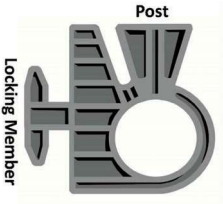


TYPICAL SECTION - GEOWEB SLOPE PROTECTION

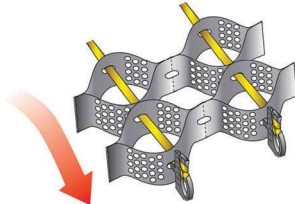
Scale: Not To Scale



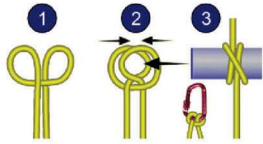
ATRA KEY



ATRA TENDON CLIP



TENDON CLIP
INSTALLATION

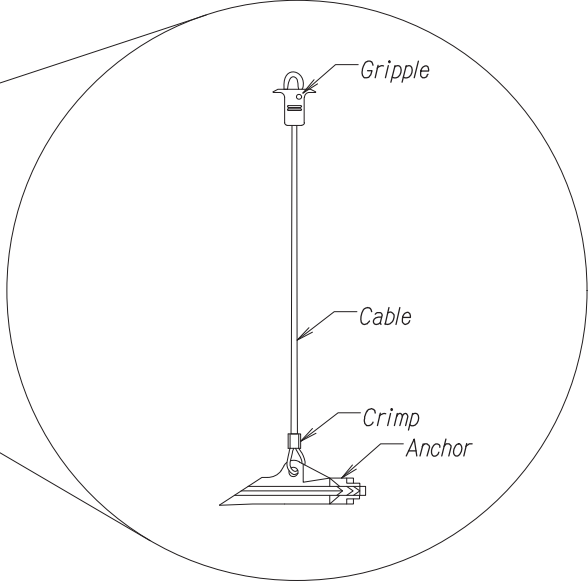


CLOVE HITCH
KNOT TIE-OFF

No greater than
45 degree angle
allowed

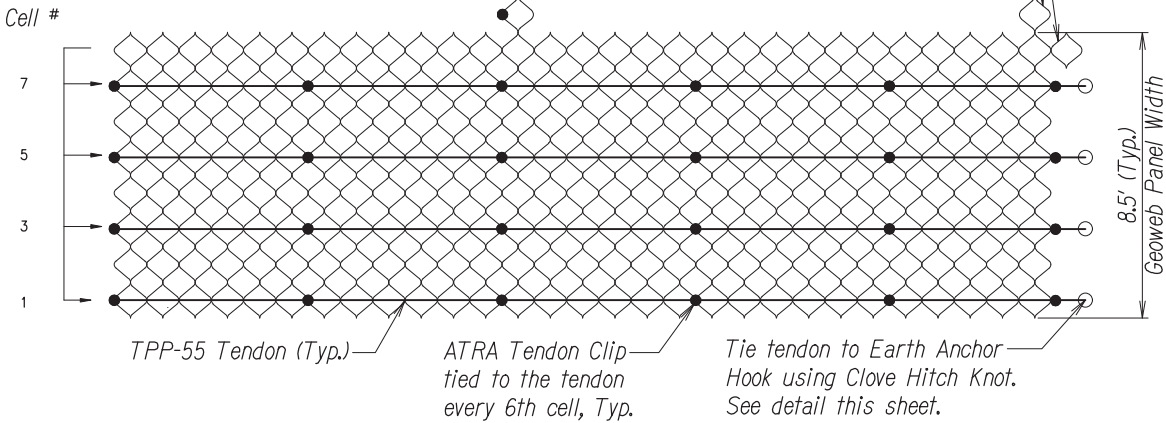
Side Slopes:
Geoweb GW30V3 panels
filled with Import
Borrow

Earth Anchor per
tendon (4 per panel)



EARTH ANCHOR DETAILS

Scale: Not To Scale

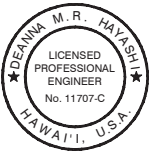


ANCHORING DETAILS

Scale: Not To Scale

SLOPE PROTECTION DETAIL

Scale: Not To Scale



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Deanna M.R. Hayashi
APRIL 30, 2024
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SLOPE PROTECTION DETAIL

Haleakala Hwy. Slope and Shoulder Repair
Vicinity of Ainakula Road to Kulalani Drive
Project No. 377A-01-22M

Scale: As Noted Date: March 2024

SHEET No. 1 OF 1 SHEETS

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