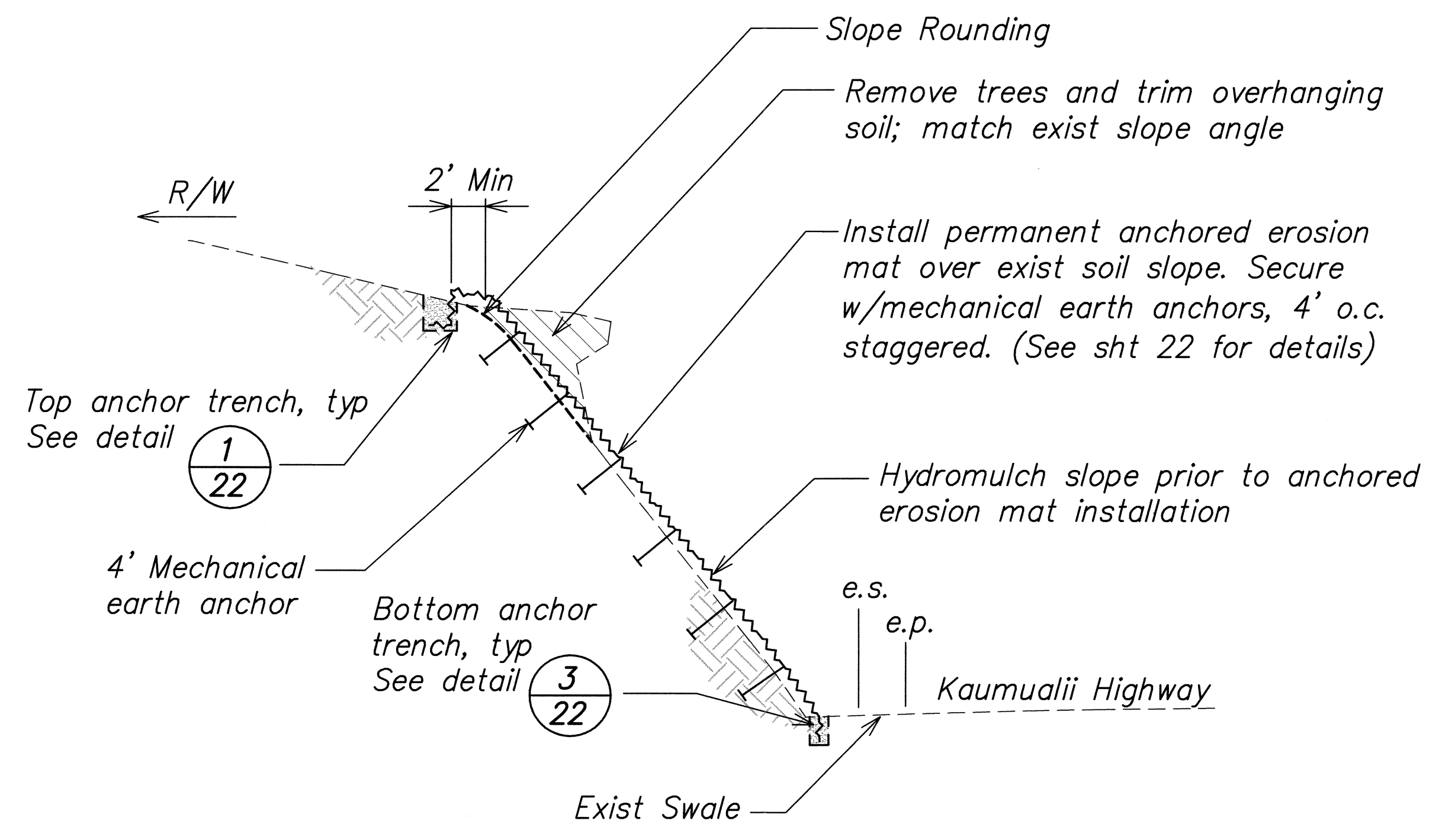
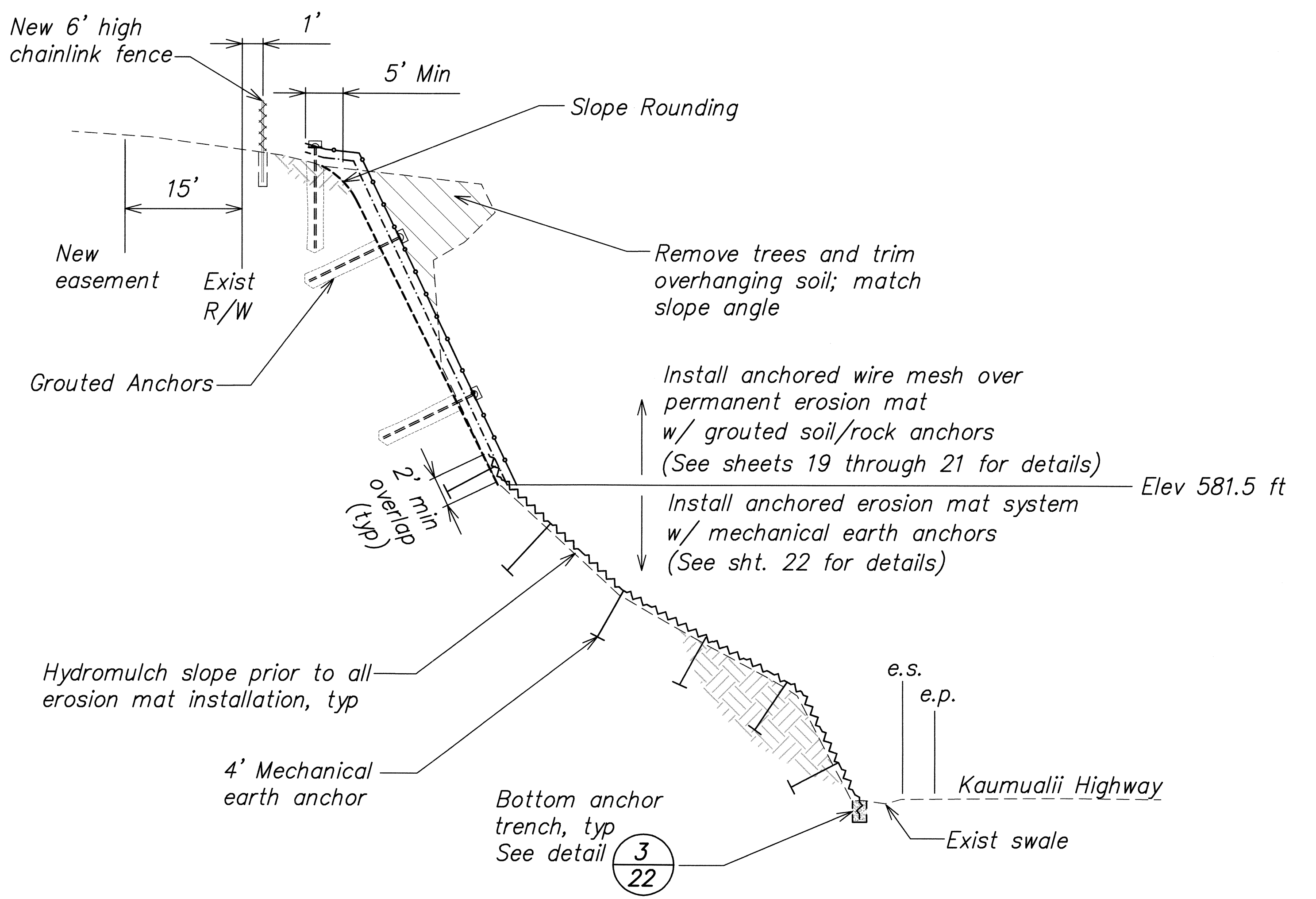


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAWAII	HWY-K-06-07	2007	18	31



ANCHORED EROSION MAT TYP SECTION E
17/18
(Sta. 51+19.00± to Sta. 52+53.50±)
NOT TO SCALE



ANCHORED WIRE MESH/EROSION MAT TYP SECTION F
17/18
(Sta. 52+53.50± to Sta. 55+10.00±)
NOT TO SCALE

SURVEY PLOTTED BY	R.M. JOMEL	DATE	
DESIGNED BY	BRANDON WEAVER		
DESIGNED BY	RANDY HAMAMOTO		
QUANTITIES BY	BRANDON WEAVER		
CHECKED BY	ABDULAN NIKOU		

ORIGINAL PLAN
NOTE BOOK
No. 11ma0102.dgn



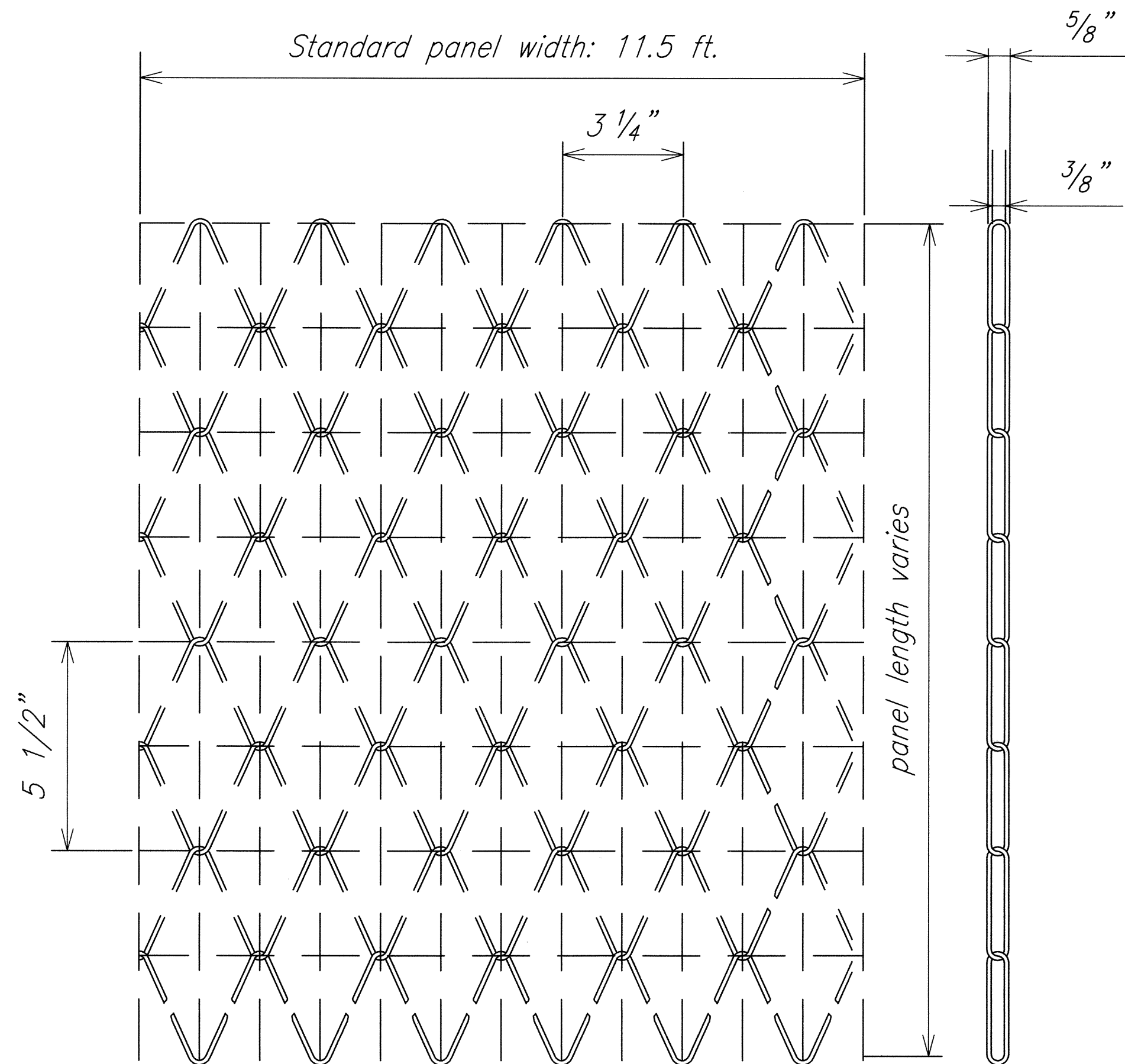
EarthTech
A tyco International Ltd. Company

ABDULAN R. NIKOU
LICENSED PROFESSIONAL ENGINEER
No. 6198-C
HAWAII

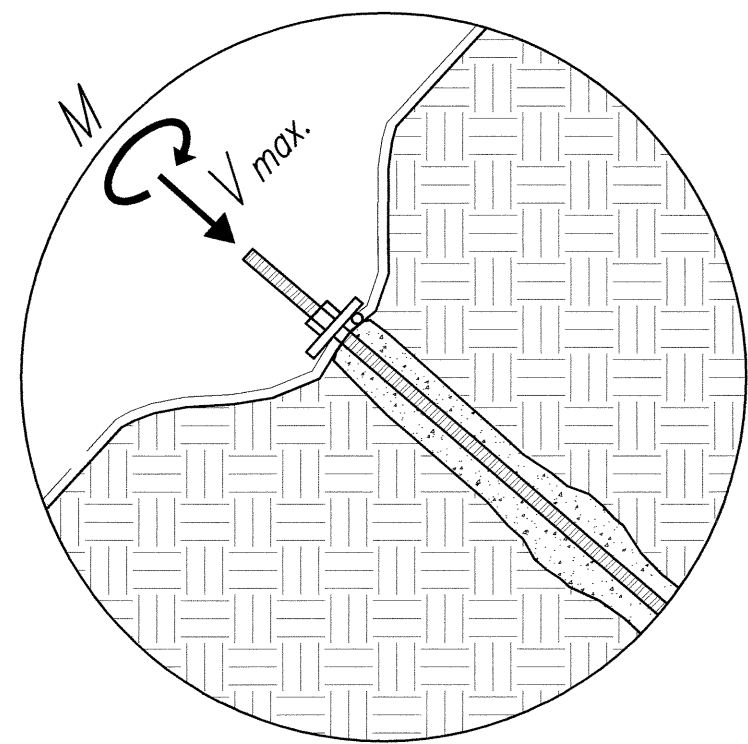
EXPIRATION DATE OF THE LICENSE 4/30/2009
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MP 10.7
TYPICAL CROSS SECTIONS
KAUMUALII HIGHWAY & RICE STREET,
EMERGENCY SLOPE STABILIZATION
PROJECT NO. HWY-K-06-07
Scale: As Noted Date: Apr 2007
SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAWAII	HWY-K-06-07	2007	19	31



WIRE MESH PANEL (TYP.)

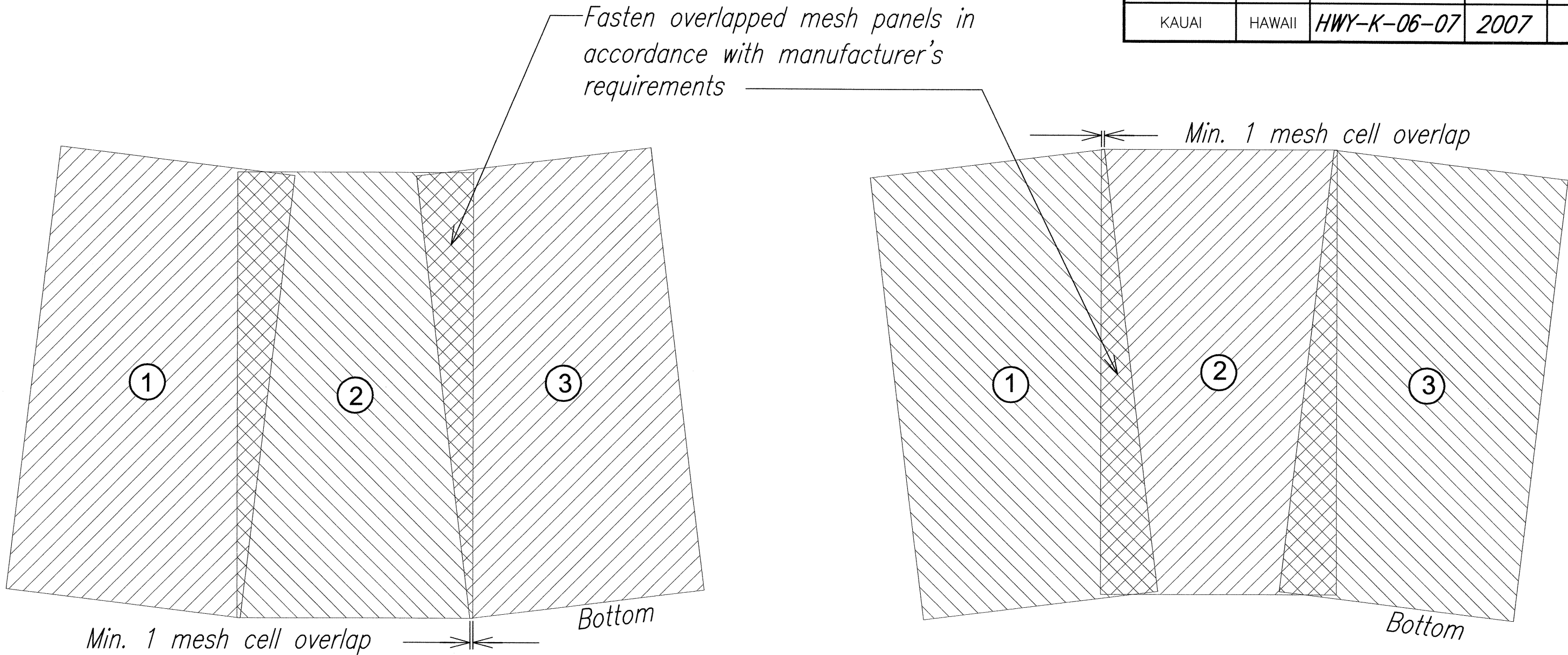


TENSIONING THE ANCHORED WIRE MESH SYSTEM

Load table

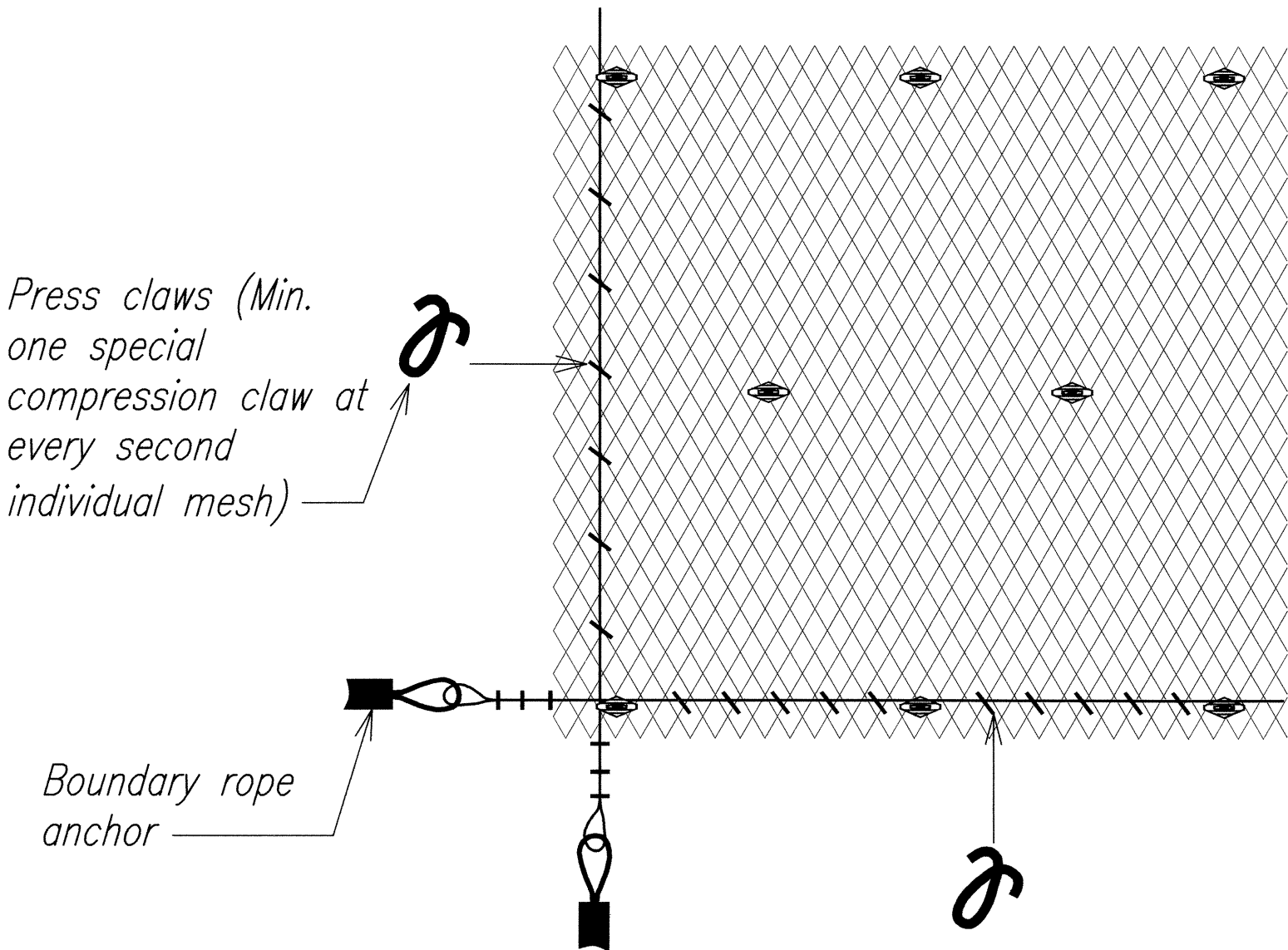
Grouted anchor	Force (v)	Required torque (m)
Dia = 1 1/4"	3 kips	*

* The Contractor shall determine the required torque value to achieve 3 kip load, in the field under existing conditions, in the presence of the Engineer, using the test method recommended by the Manufacturer and as accepted by the Engineer.

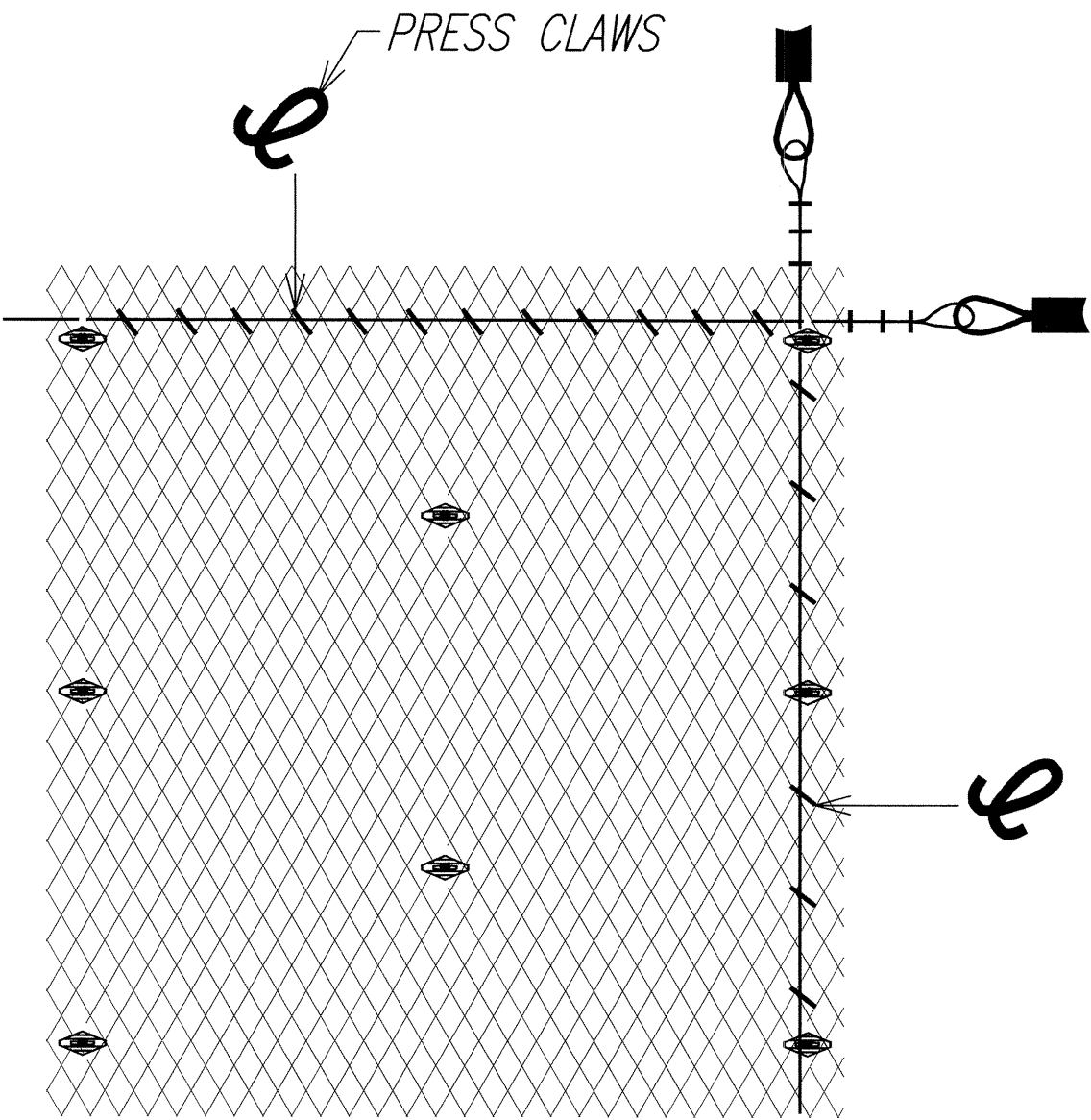


MESH OVERLAP FOR CONVEX SLOPE

MESH OVERLAP FOR CONCAVE SLOPE



BOUNDARY ROPE AT THE BOTTOM AND SIDE OF ANCHORED WIRE MESH SYSTEM

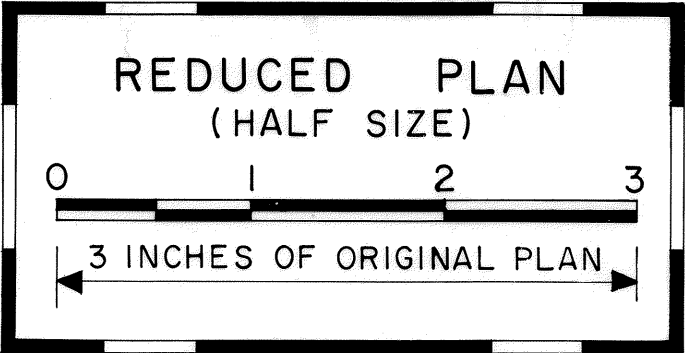


BOUNDARY ROPE AT THE TOP AND SIDE OF ANCHORED WIRE MESH SYSTEM

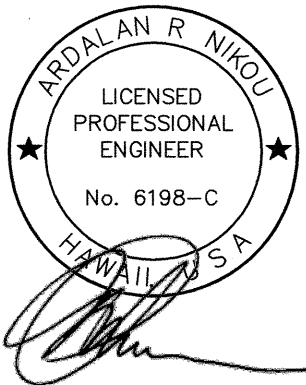
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	BRANDON TEAVER	
NOTE BOOK	DESIGNED BY	
	RANDY HAMAMOTO	
	QUANTITIES BY	
	BRANDON TEAVER	
	CHECKED BY	
	ABDIAN NIKOU	

L:\Users\james.98592-2007\Road Emergency Slope Stabilization\Sheet 19.dwg 05/18/07 12:25 PM H:\james

Note:
Anchored wire mesh details shown here are for general guidance only. Contractor shall follow the manufacturer's design drawings and details, subject to acceptance by the Engineer.



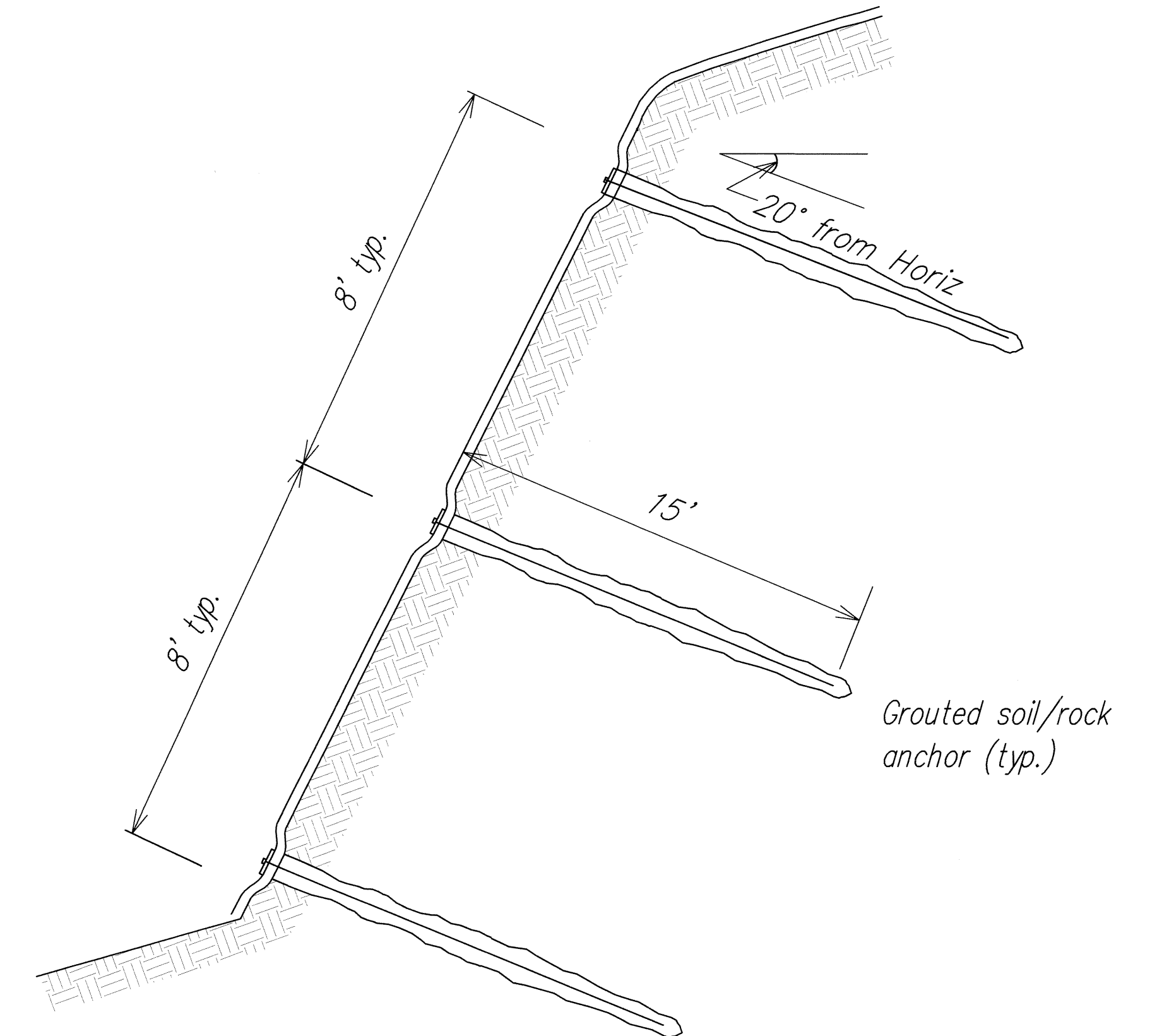
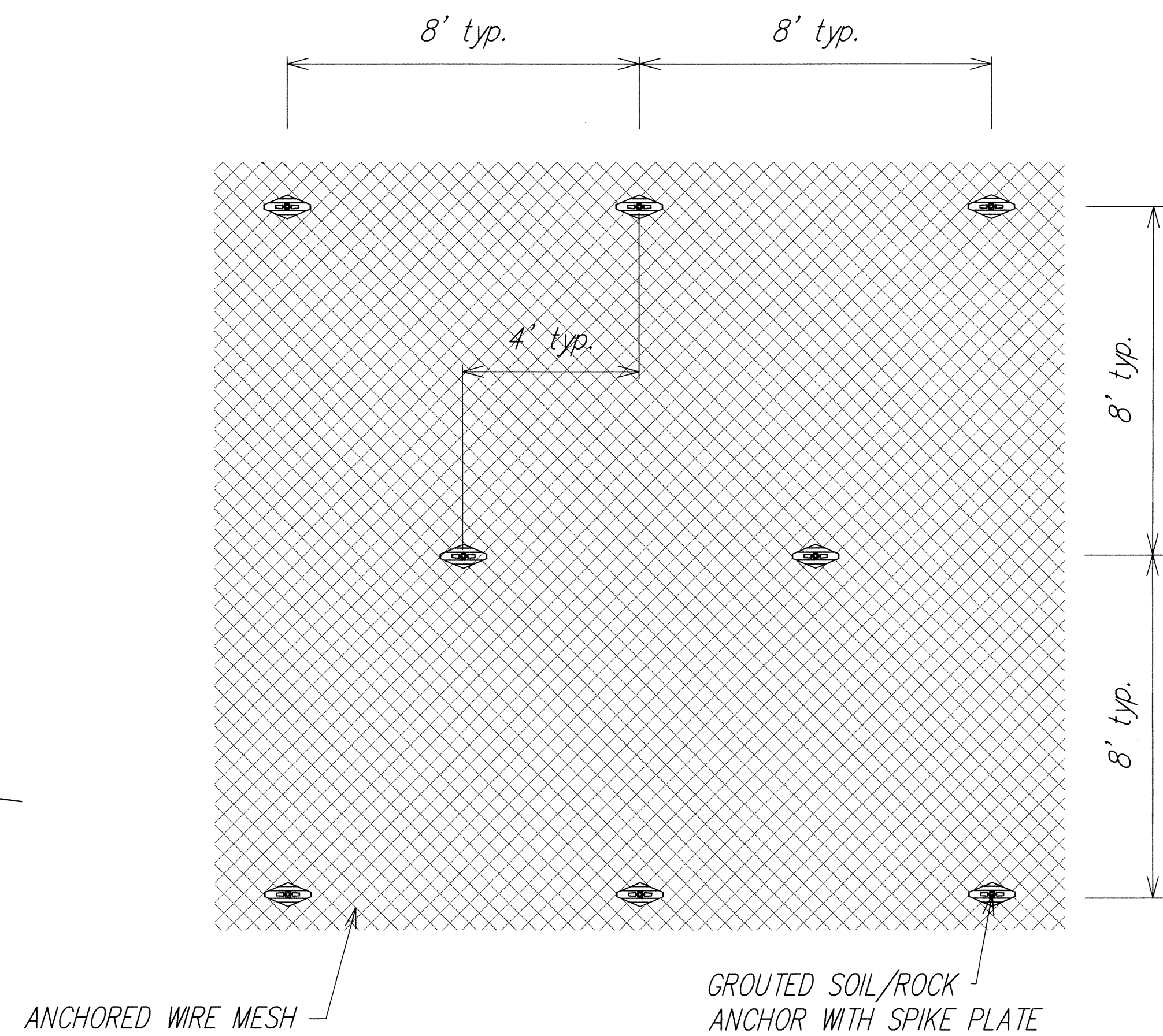
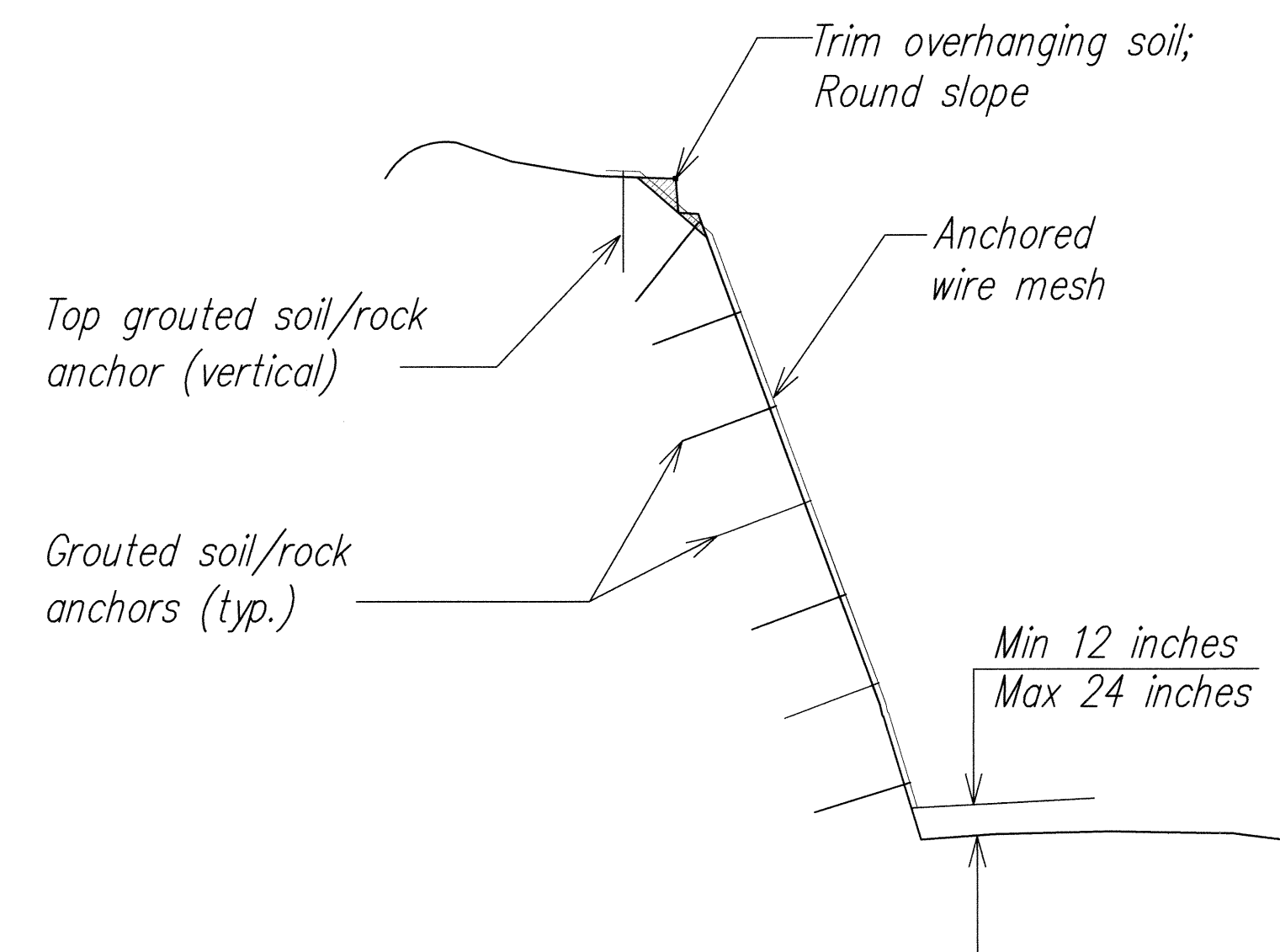
EarthTech
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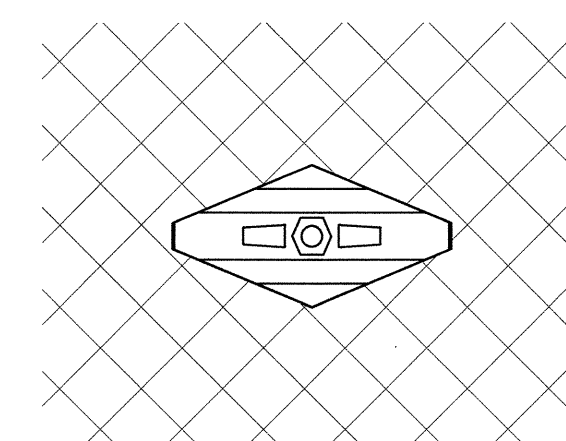
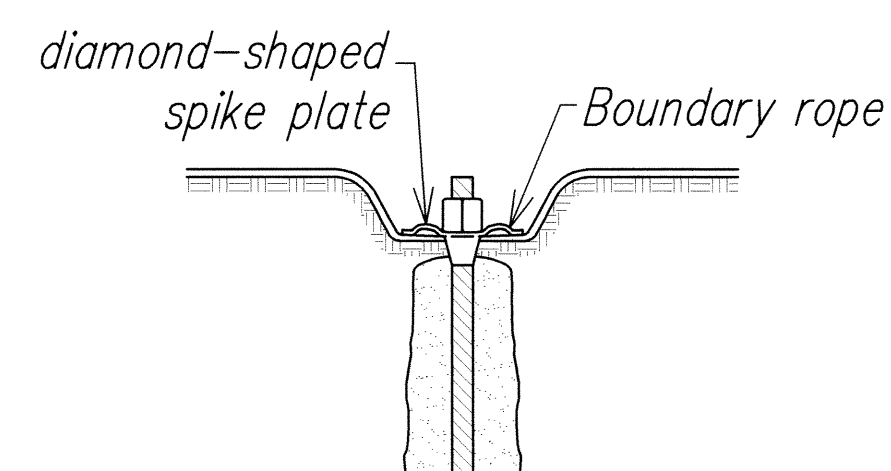
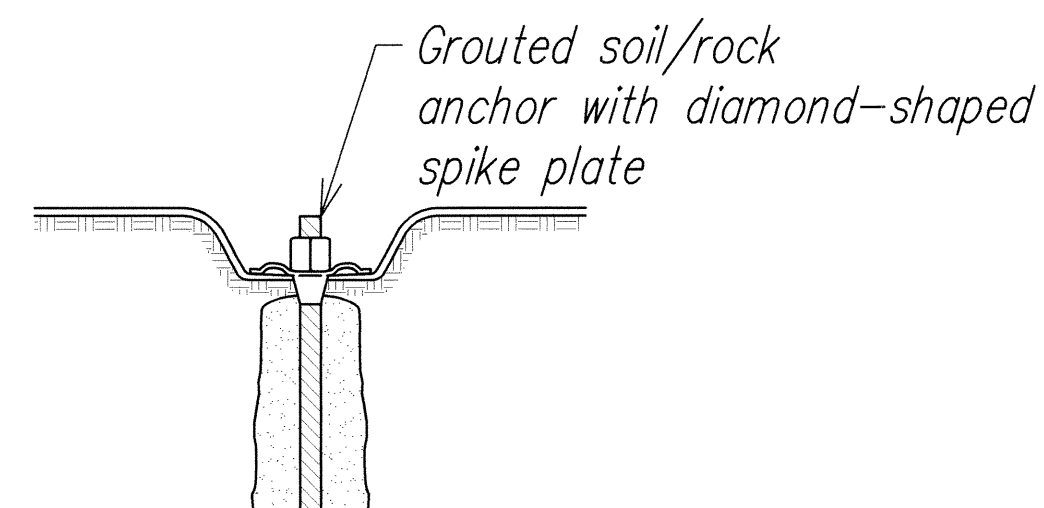
EXPIRATION DATE OF THE LICENSE 4/30/2008
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ANCHORED WIRE MESH
DETAILS
*KAUMUALII HIGHWAY & RICE STREET,
EMERGENCY SLOPE STABILIZATION
PROJECT NO. HWY-K-06-07*
Scale: As Noted Date: Apr 2007
SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAWAII	<i>HWY-K-06-07</i>	<i>2007</i>	<i>20</i>	<i>31</i>

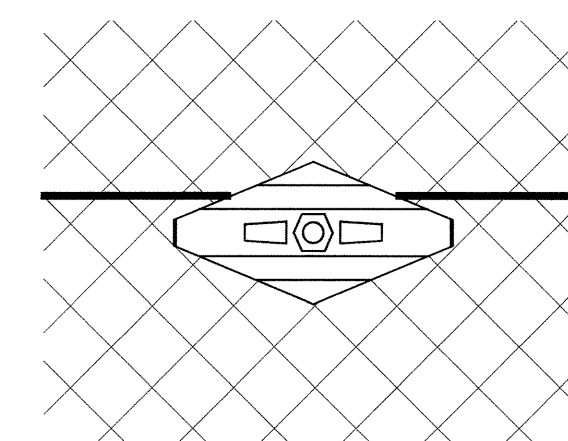


TYPICAL SECTION
NOT TO SCALE



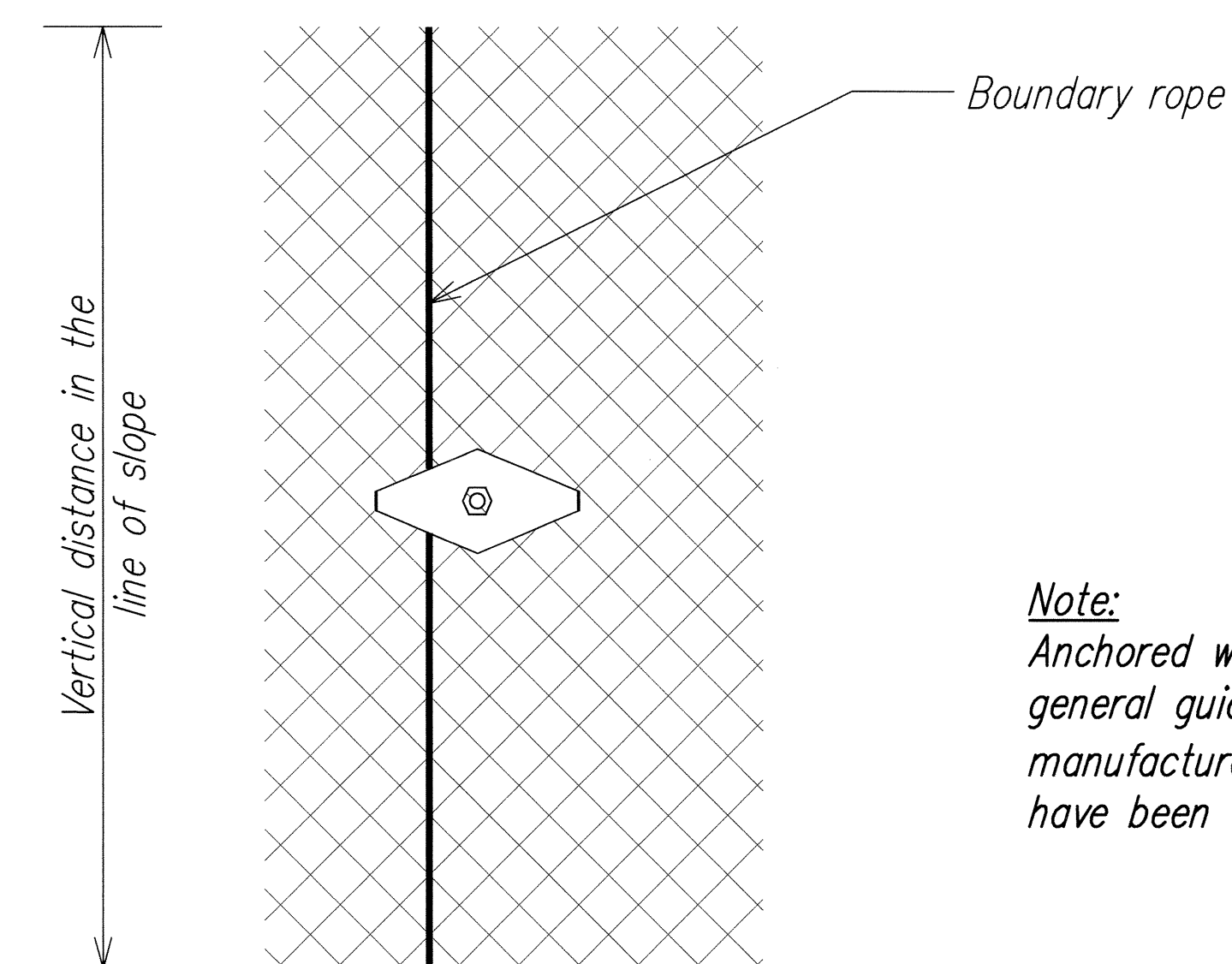
Grouted soil/rock anchor
and spike plate
(as approved by the
engineer)

TYPICAL SPIKE PLATE
NOT TO SCALE



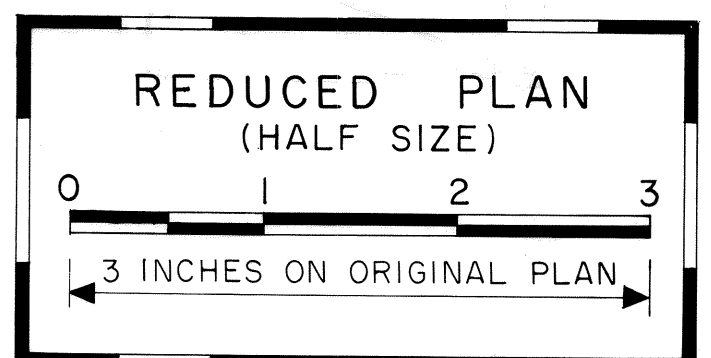
Grouted soil/rock anchor
and spike plate with
horizontal boundary rope

SPIKE PLATE AT HORIZONTAL
BOUNDARY ROPE
NOT TO SCALE

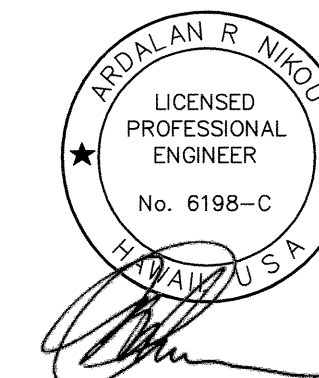


Grouted soil/rock anchor
and spike plate with
vertical boundary rope

SPIKE PLATE AT VERTICAL
BOUNDARY ROPE
NOT TO SCALE



Note:
Anchored wire mesh details shown here are for general guidance only. Contractor shall follow the manufacturer's design drawings and details which have been accepted by the Engineer.



EXPIRATION DATE OF THE LICENSE 4/30/2001
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ANCHOR LAYOUT
AND DETAILS

KAUMUALII HIGHWAY & RICE STREET,
EMERGENCY SLOPE STABILIZATION
PROJECT NO. HWY-K-06-07

Scale: As Noted Date: Apr 2007

SHEET No. 4 OF 5 SHEETS

