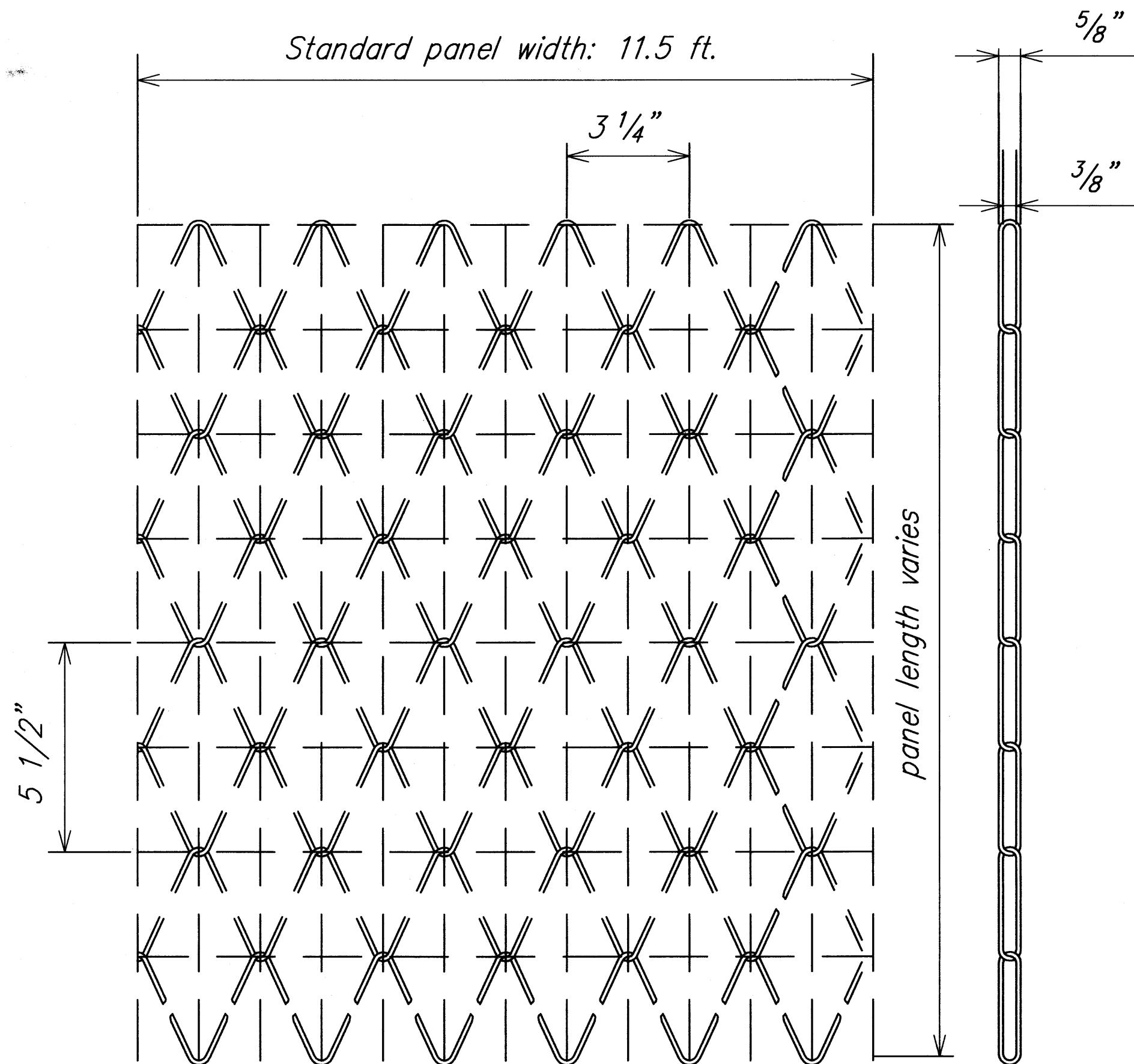
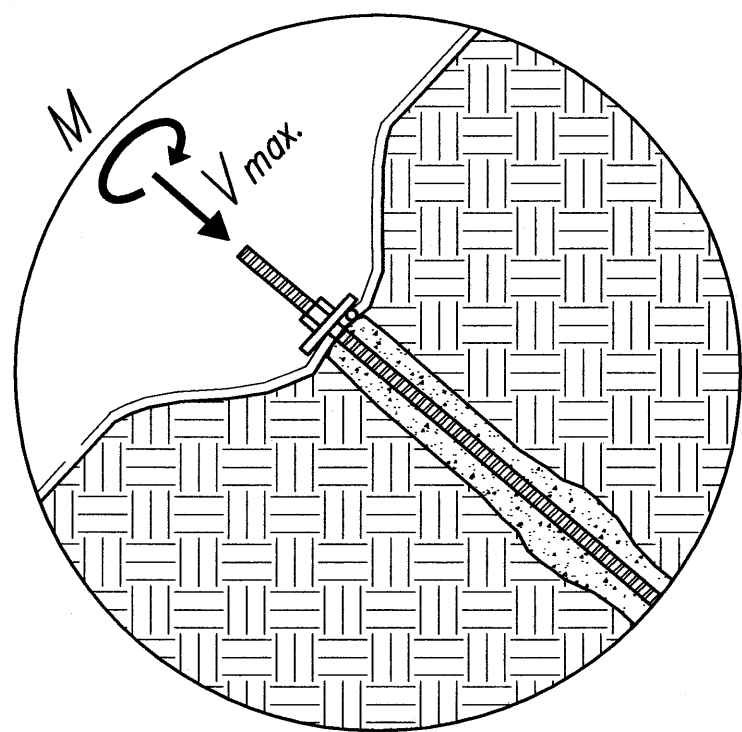




WIRE MESH PANEL (TYP.)

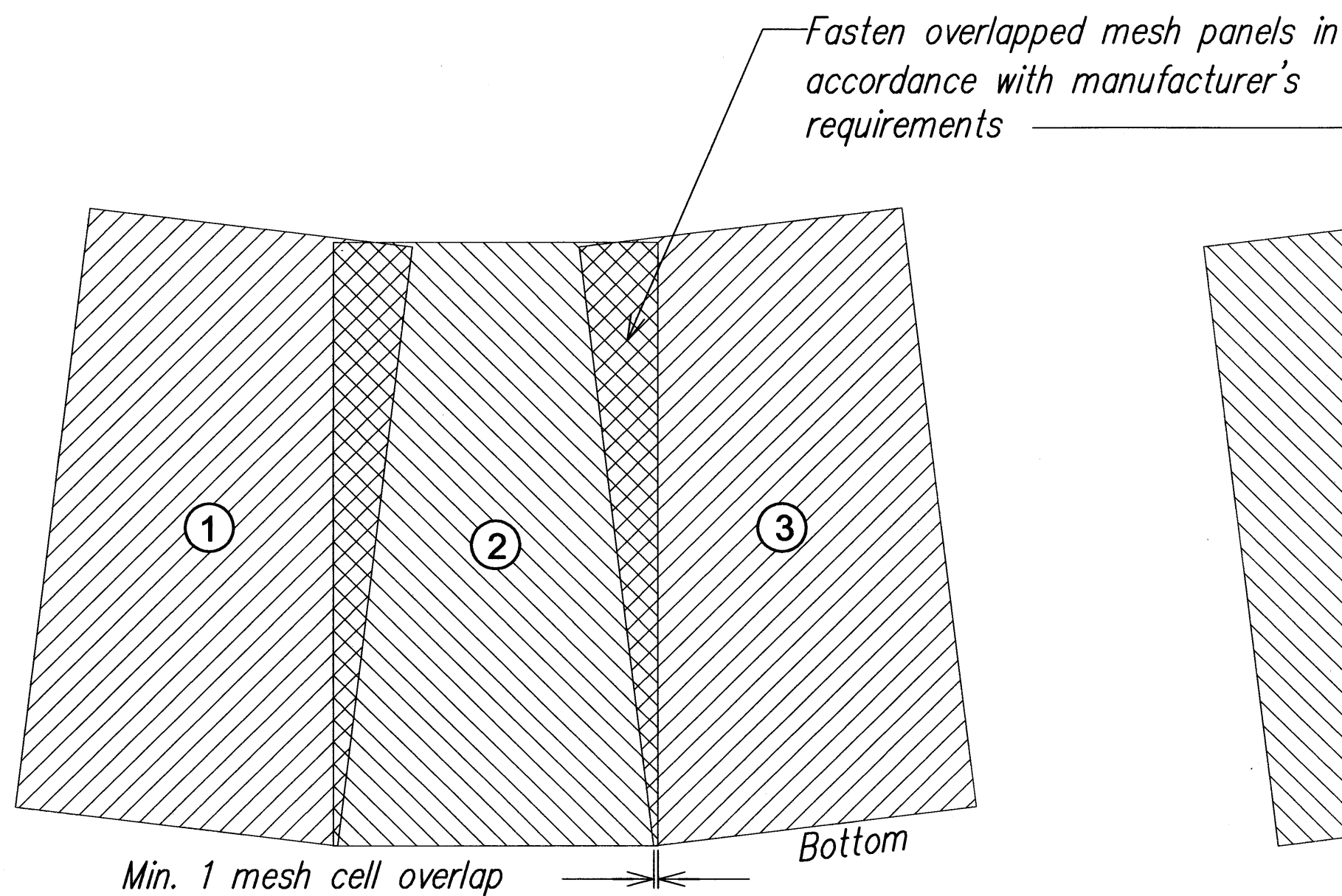


TENSIONING THE ANCHORED WIRE MESH SYSTEM

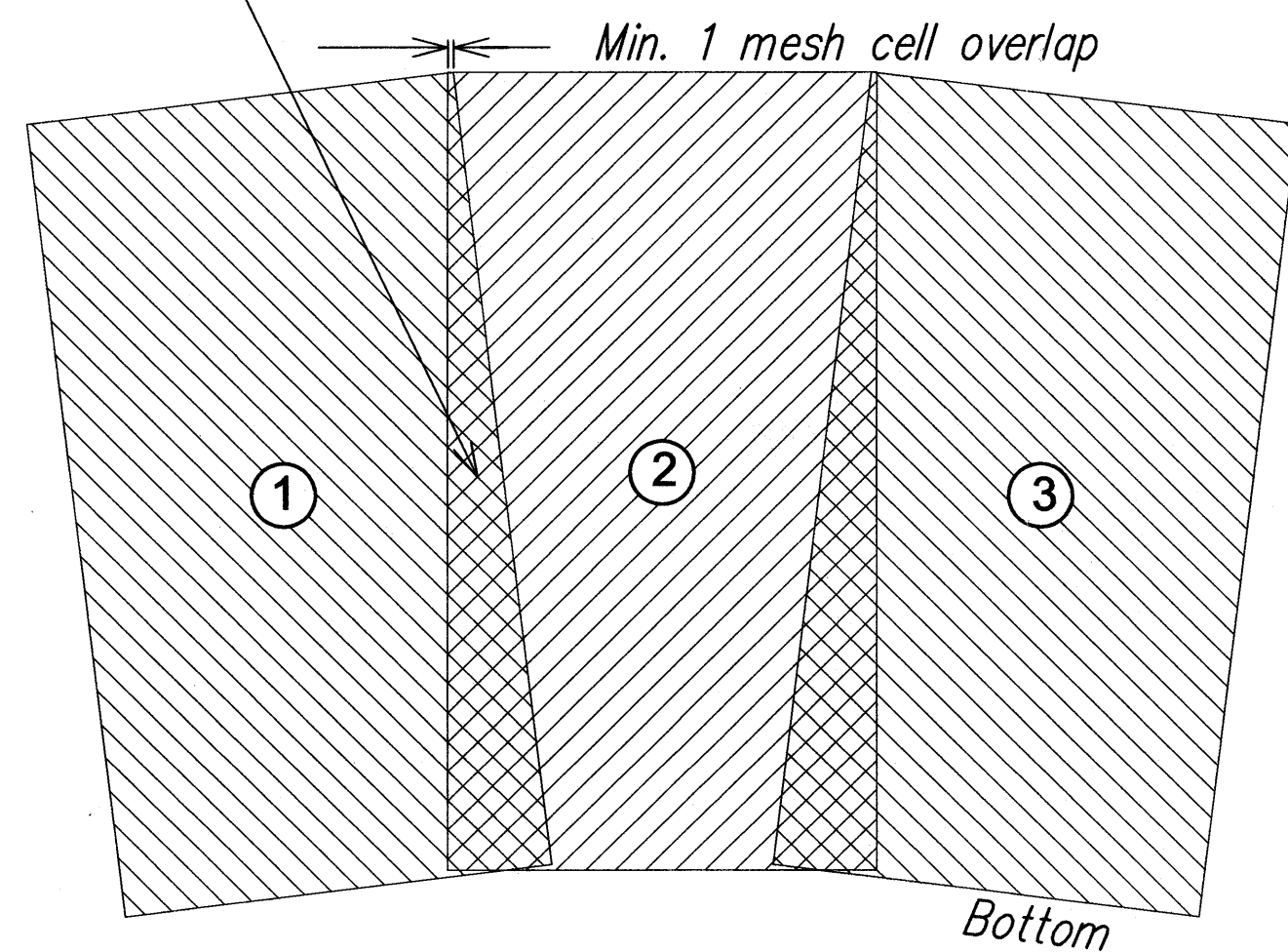
Load table for 1.25" diameter grouted anchor

Area	Anchor Embed (Ft)	Load, DL
1	35	25 kips
2	20	15 kips
3	5	10 kips

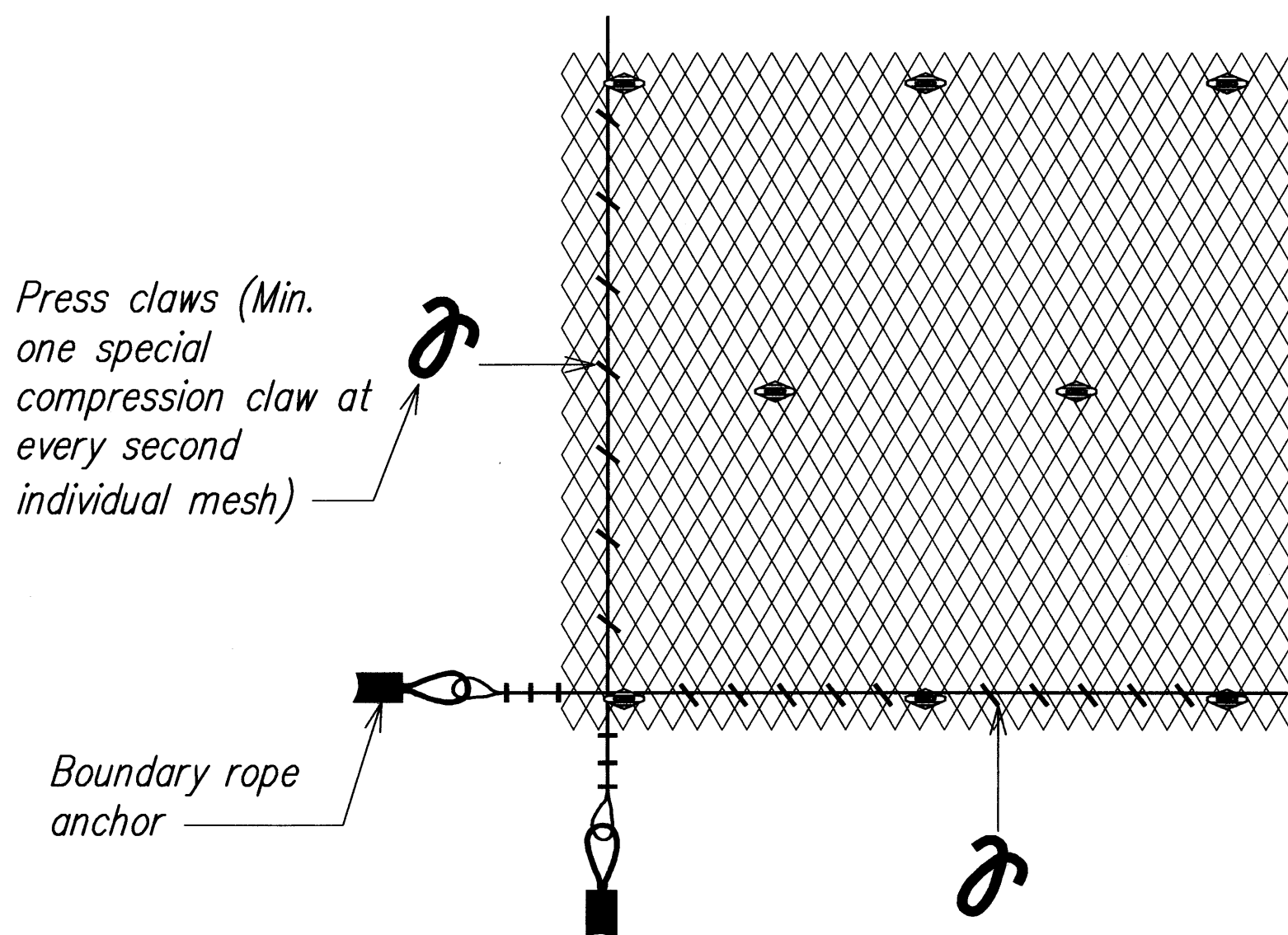
Note: The Contractor shall determine the required torque value to achieve 3 kips load, in the field under existing conditions, in the presence of the Engineer, using the test method recommended by the Manufacturer and as accepted by the Engineer.



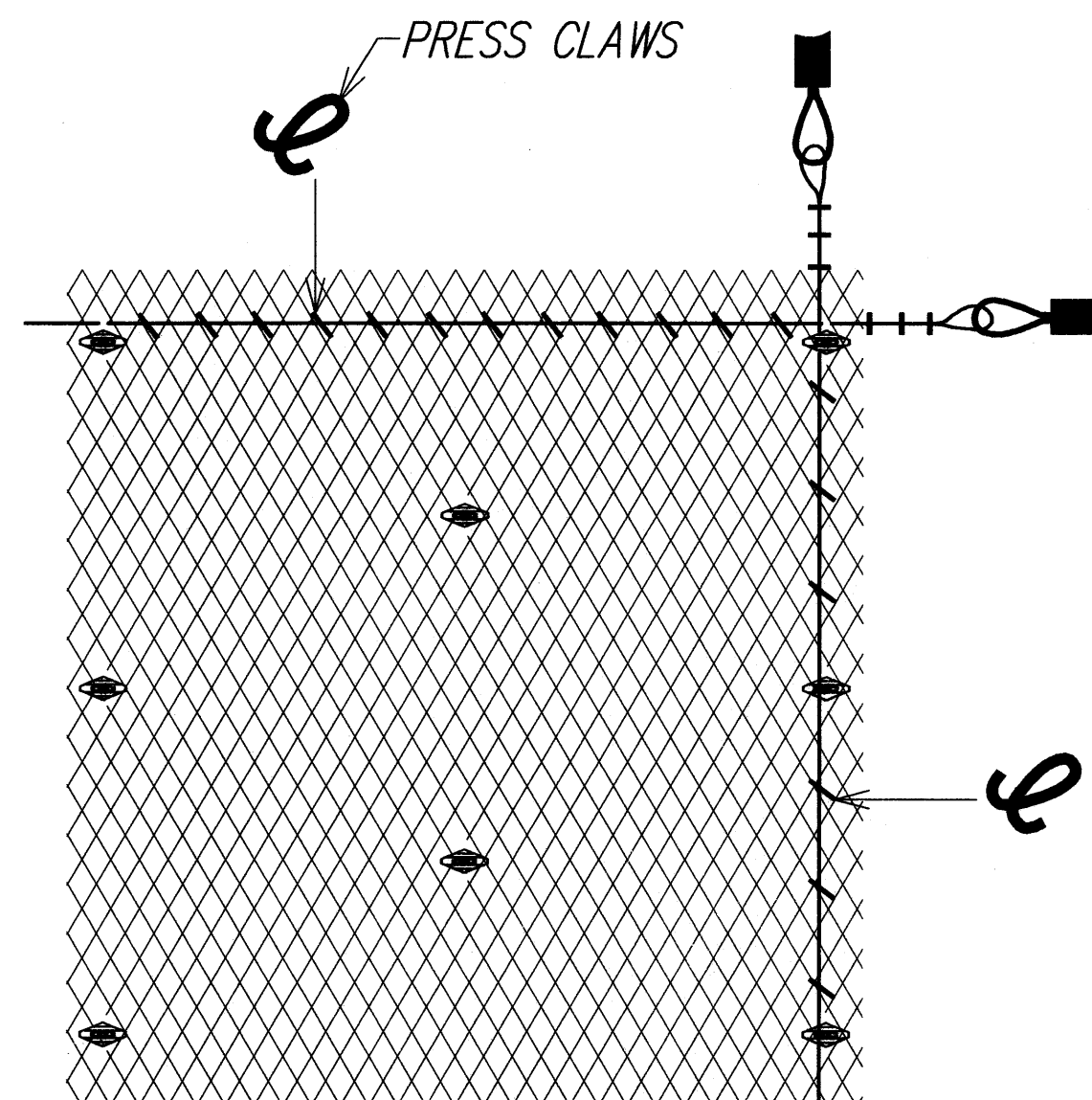
MESH OVERLAP FOR CONVEX SLOPE



MESH OVERLAP FOR CONCAVE SLOPE



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



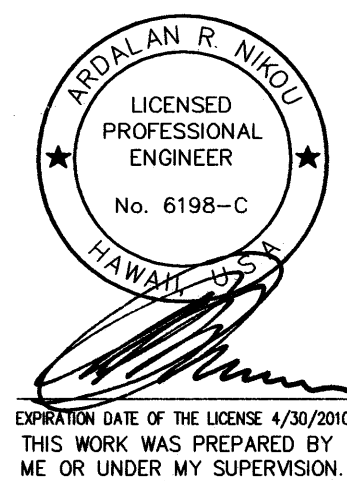
BOUNDARY ROPE AT THE TOP AND SIDE OF ANCHORED WIRE MESH SYSTEM

Notes:

1. 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.

2. Contractor shall document drilling data for each bore hole. See Spec Anchor Wire Mesh System 672.03 (D).

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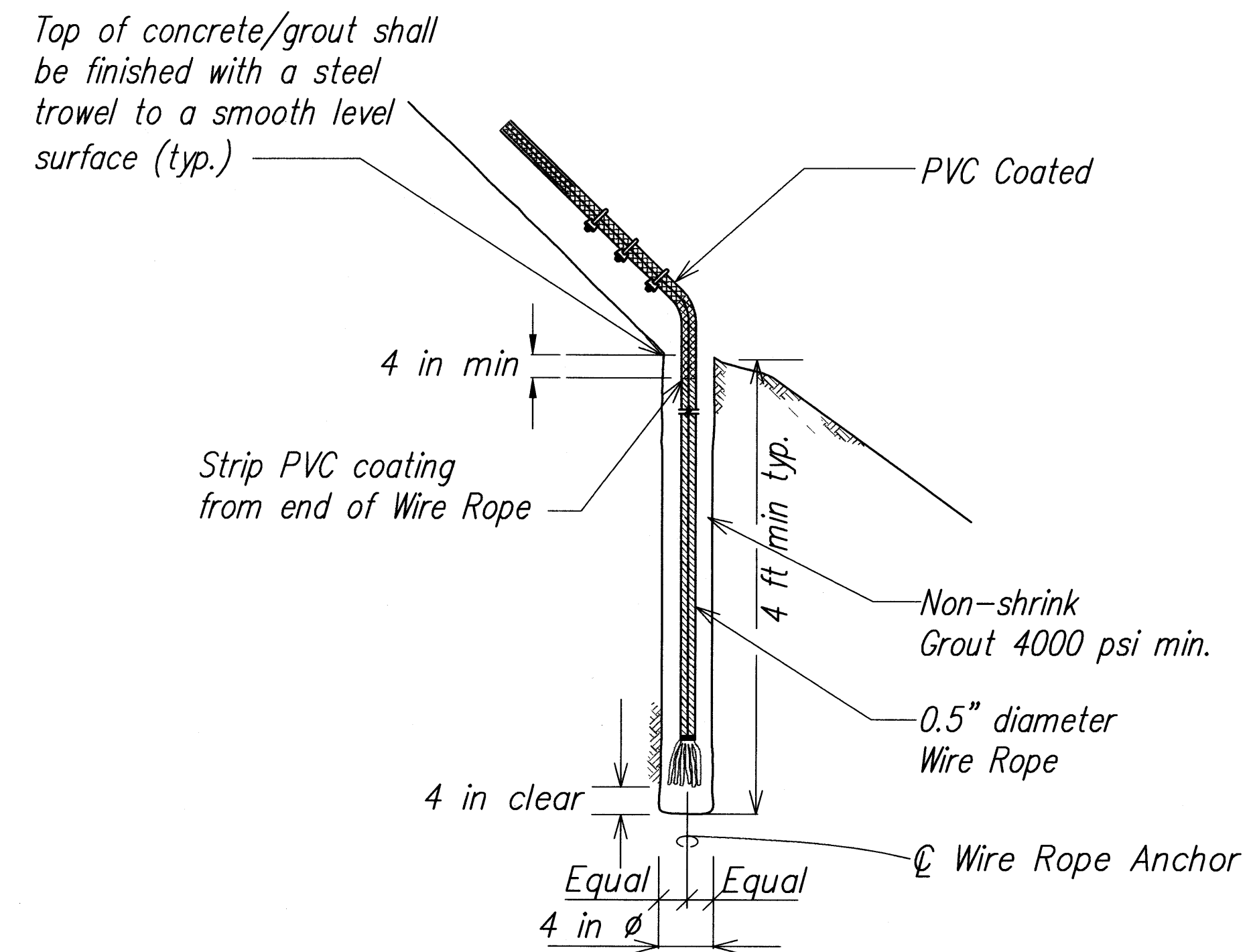
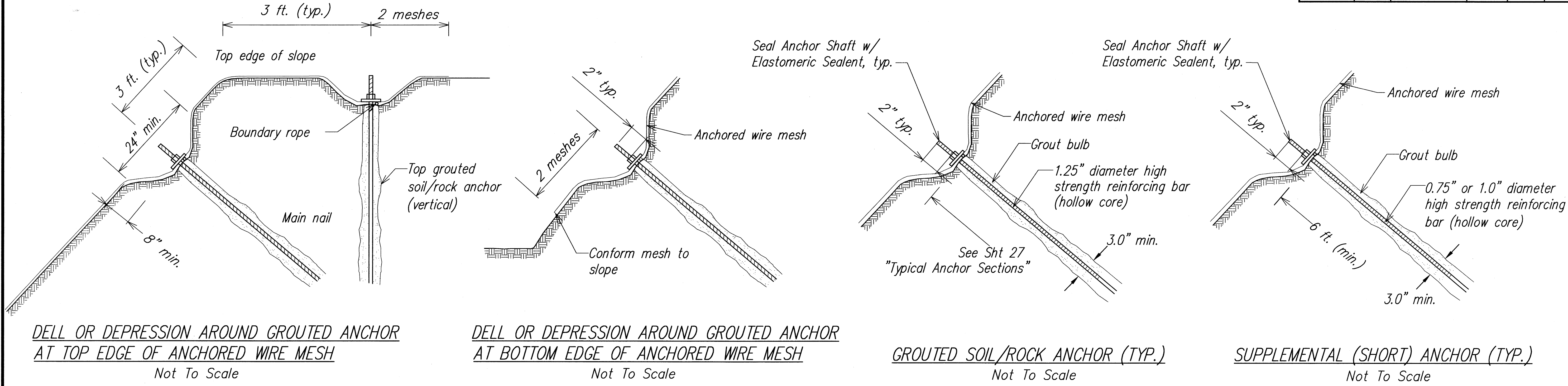
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ANCHORED WIRE MESH
DETAILS
KUHIO HIGHWAY SLOPE STABILIZATION
VICINITY OF HANALEI BRIDGE
PROJECT NO. 560A-02-03

Scale: As Noted
Date: July 2009
SHEET No. 1 OF 3 SHEETS

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

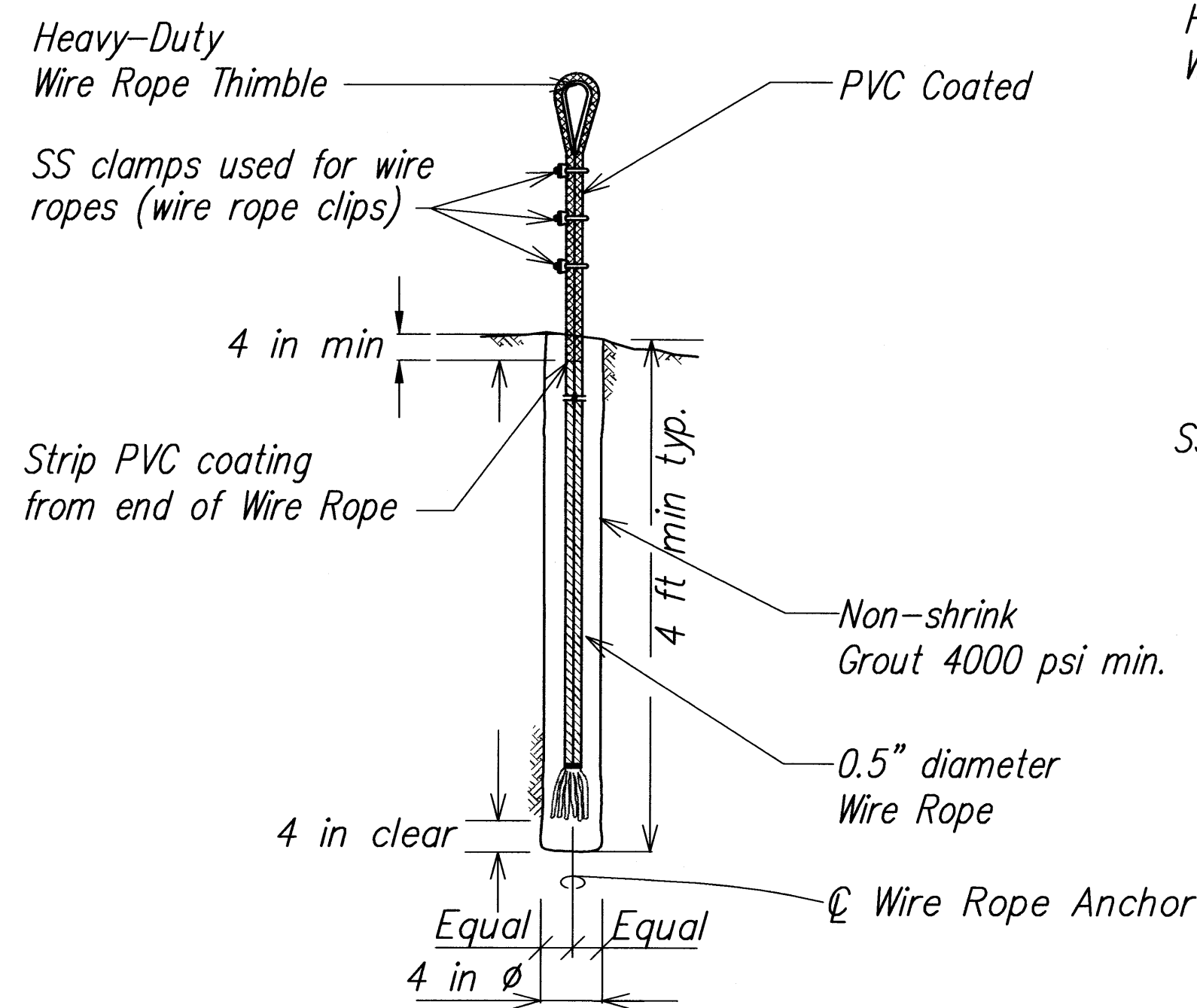
P:\E\1\06077 Kule Hwy Slope Stabilization\Drawings\04 Wire mesh.dwg 04/16/09 6:32 AM hnm:mdr

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAWAII	560A-02-03	2010	26	32

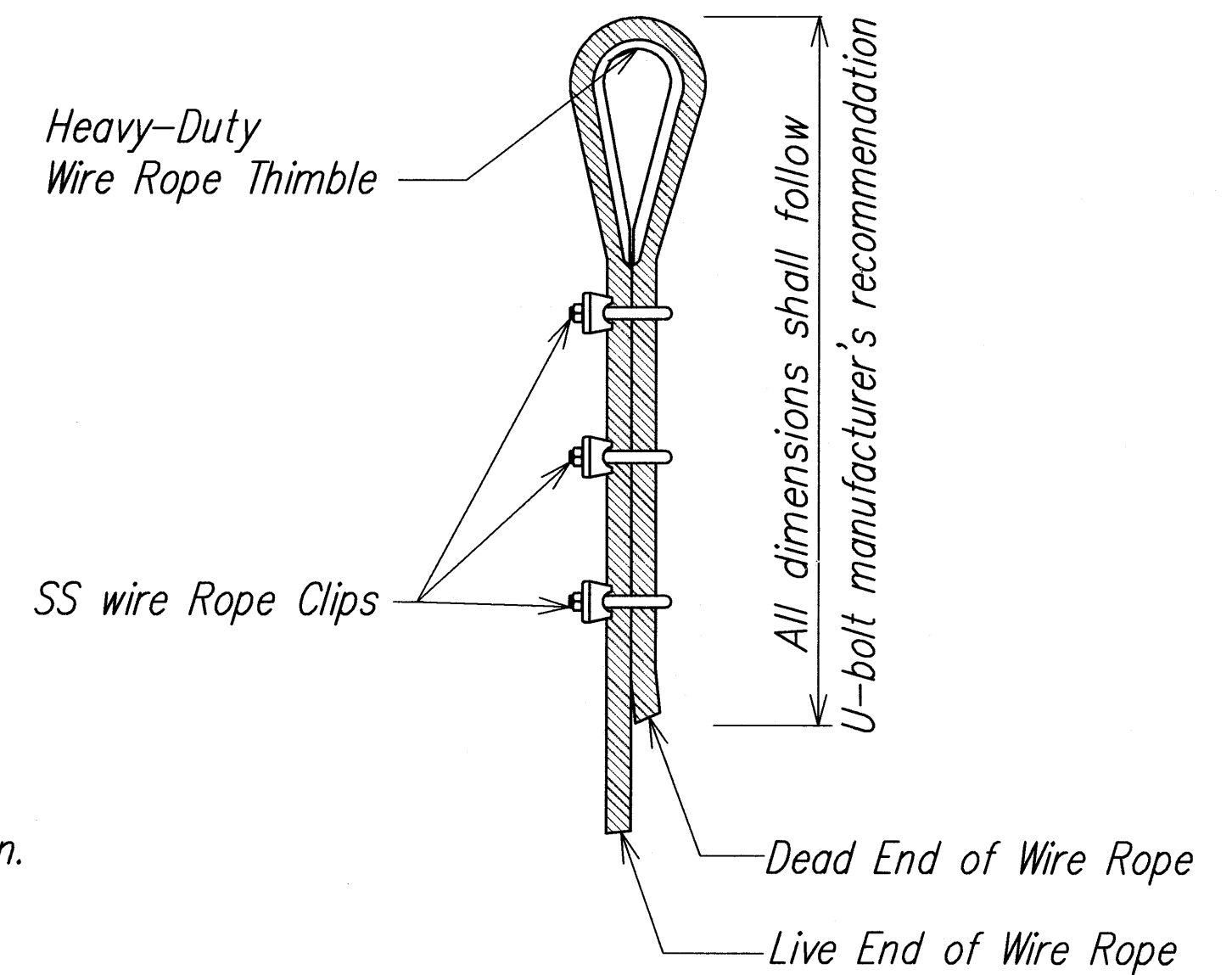


BOUNDARY ROPE ANCHOR (Side View)
Not To Scale

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. Grout requirements can be found in Spec Section 672.02.

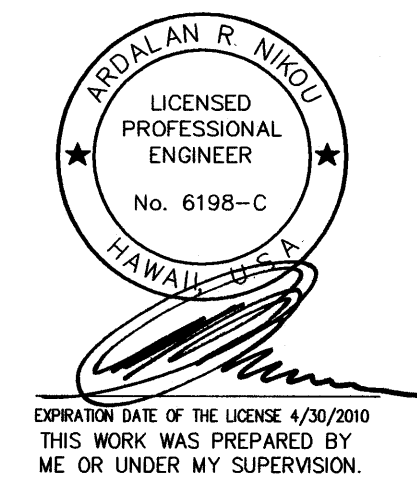


BOUNDARY ROPE ANCHOR (Front View)
Not To Scale



WIRE ROPE CLIP LOOP
Not To Scale

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ANCHOR DETAILS

KUHIO HIGHWAY SLOPE STABILIZATION
VICINITY OF HANALEI BRIDGE
PROJECT NO. 560A-02-03

Scale: As Noted Date: July 2009

SHEET No. 3 OF 3 SHEETS

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

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