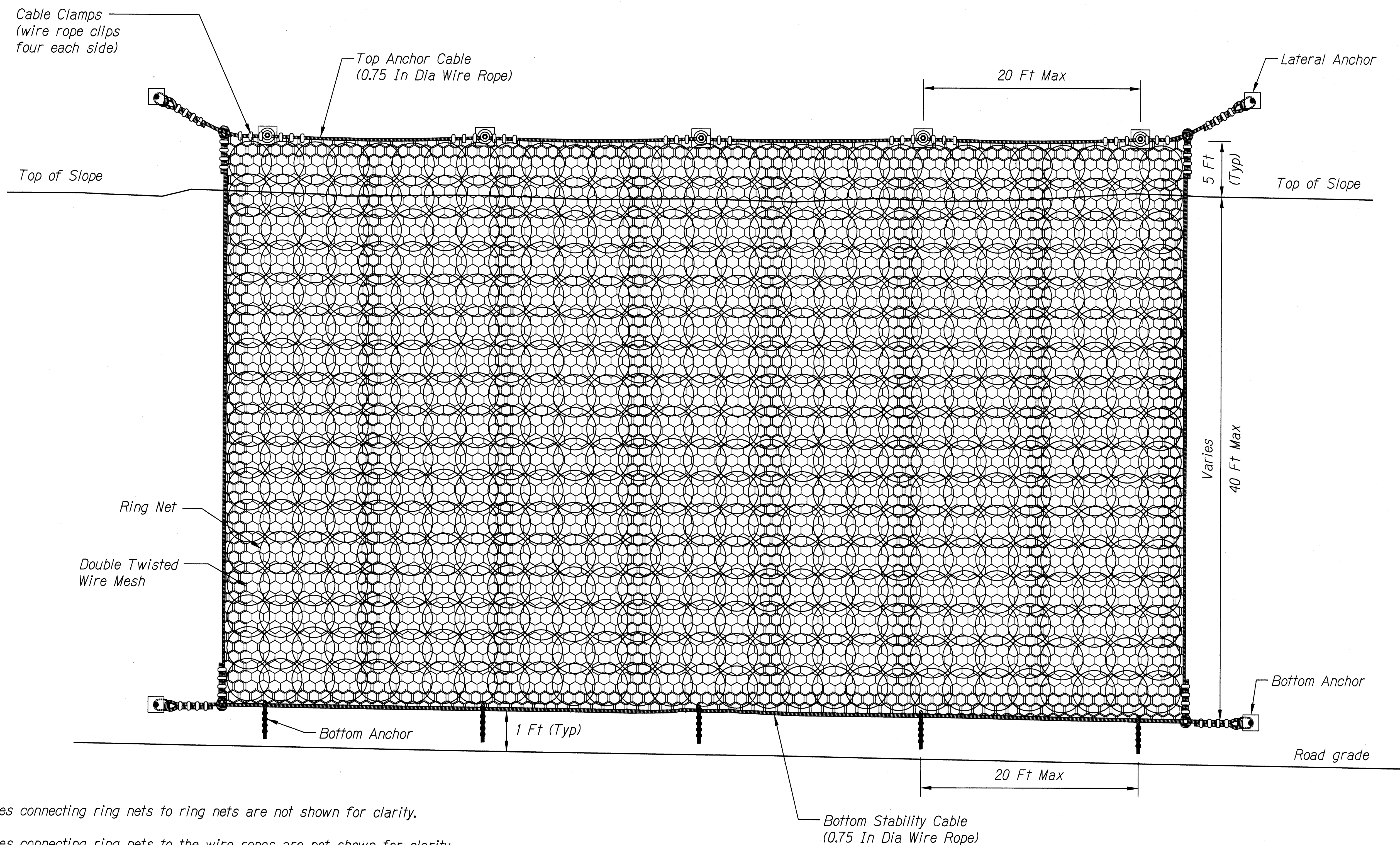


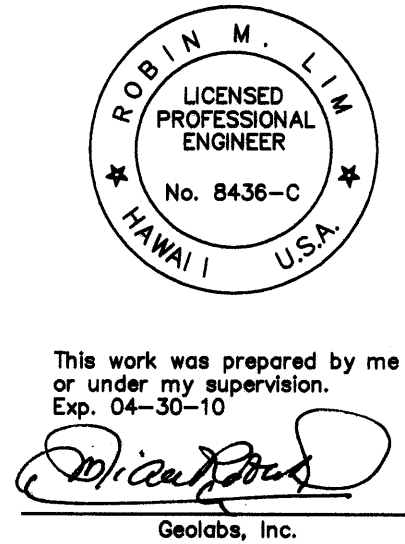
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	12	88



Notes:

1. Shackles connecting ring nets to ring nets are not shown for clarity.
2. Shackles connecting ring nets to the wire ropes are not shown for clarity.
3. Top anchors shall be spaced at 20 ft maximum at the top of slope/bank.
4. Bottom anchors at the bottom of slope/bank shall be spaced at 20 ft maximum.
5. Details are not to scale.

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTE BOOK	
PLAN	

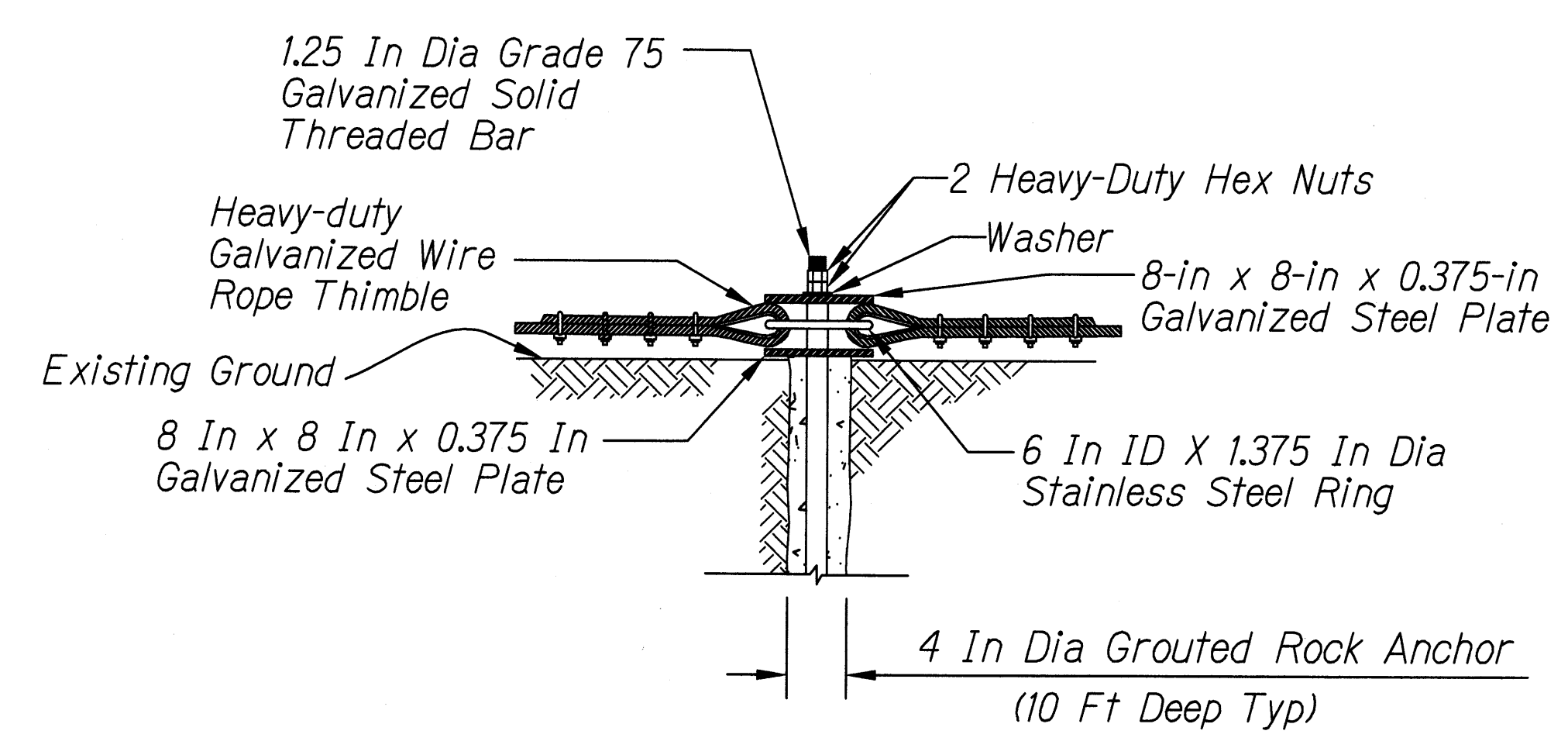


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

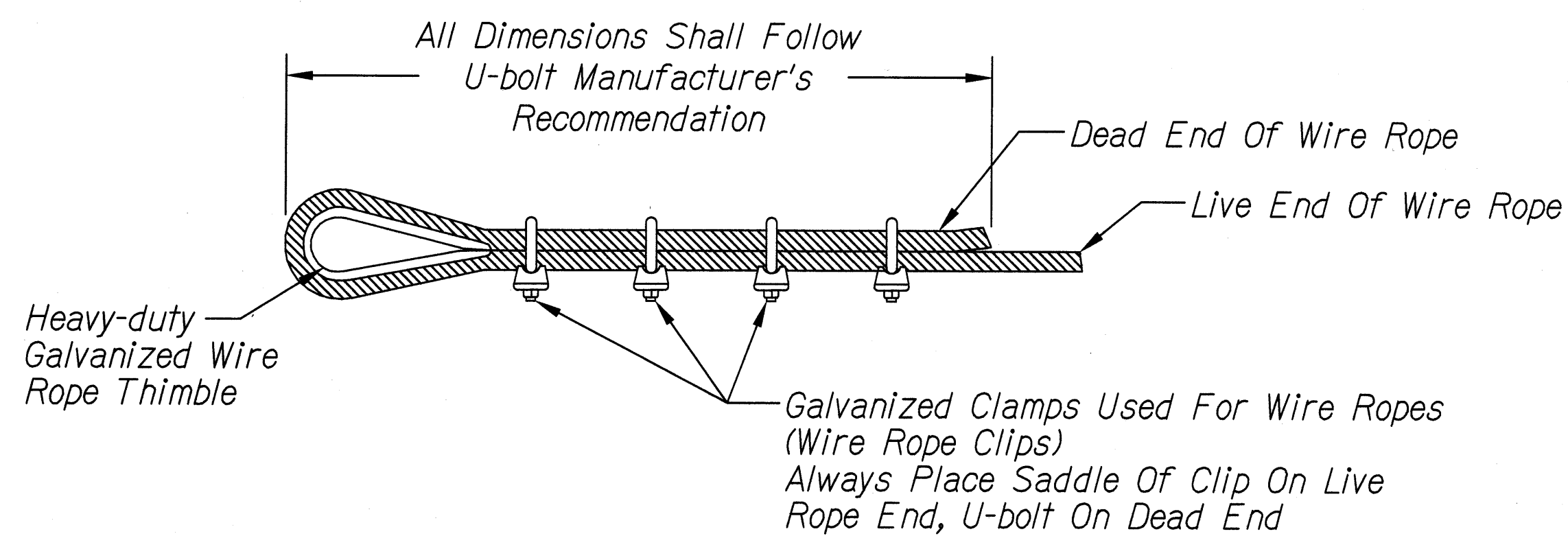
RING NETTING DETAILS - 1

EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Date: December 2009

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	13	88



TOP ANCHOR CONNECTION DETAIL
(Not To Scale)

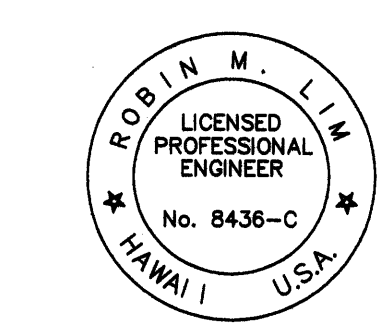


0.75-IN WIRE ROPE CLIP LOOP
(Not To Scale)

NOTES:

1. Drill 4 in min dia anchor holes to a minimum depth of 10 ft.
2. All anchors to have a pull-out capacity of 20 tons (40 kips).

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



This work was prepared by me or under my supervision.
Exp. 04-30-10
Robin M. L.M.
Geolabs, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RING NETTING DETAILS - 2
EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Date: December 2009
SHEET No. G-0.7 OF 7 SHEETS