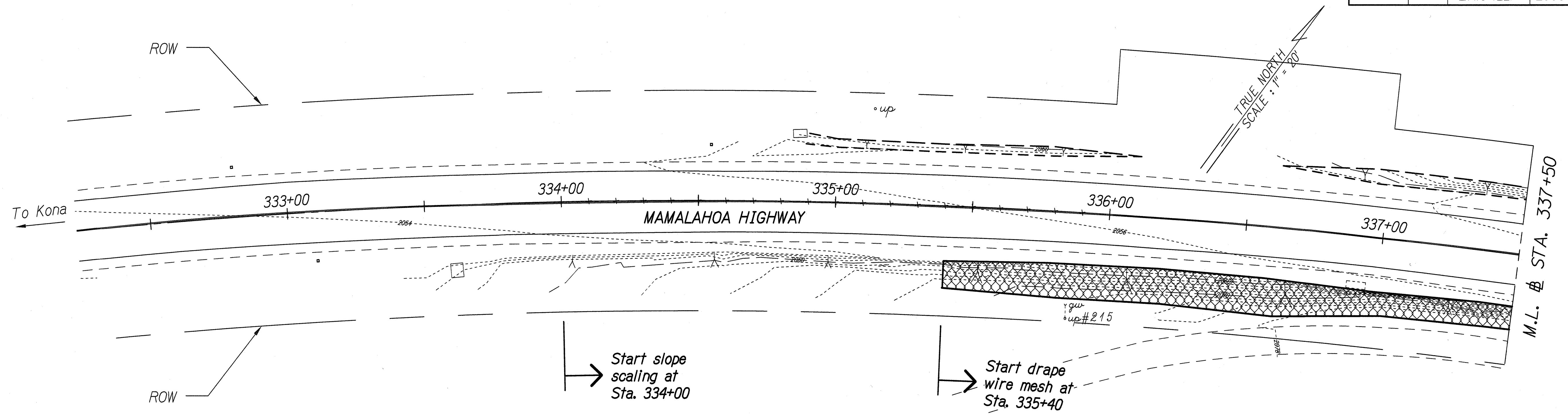
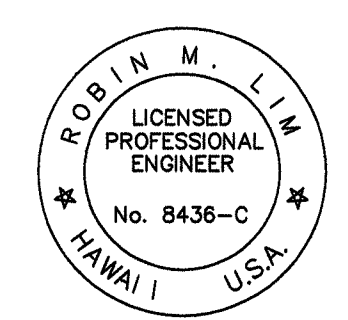
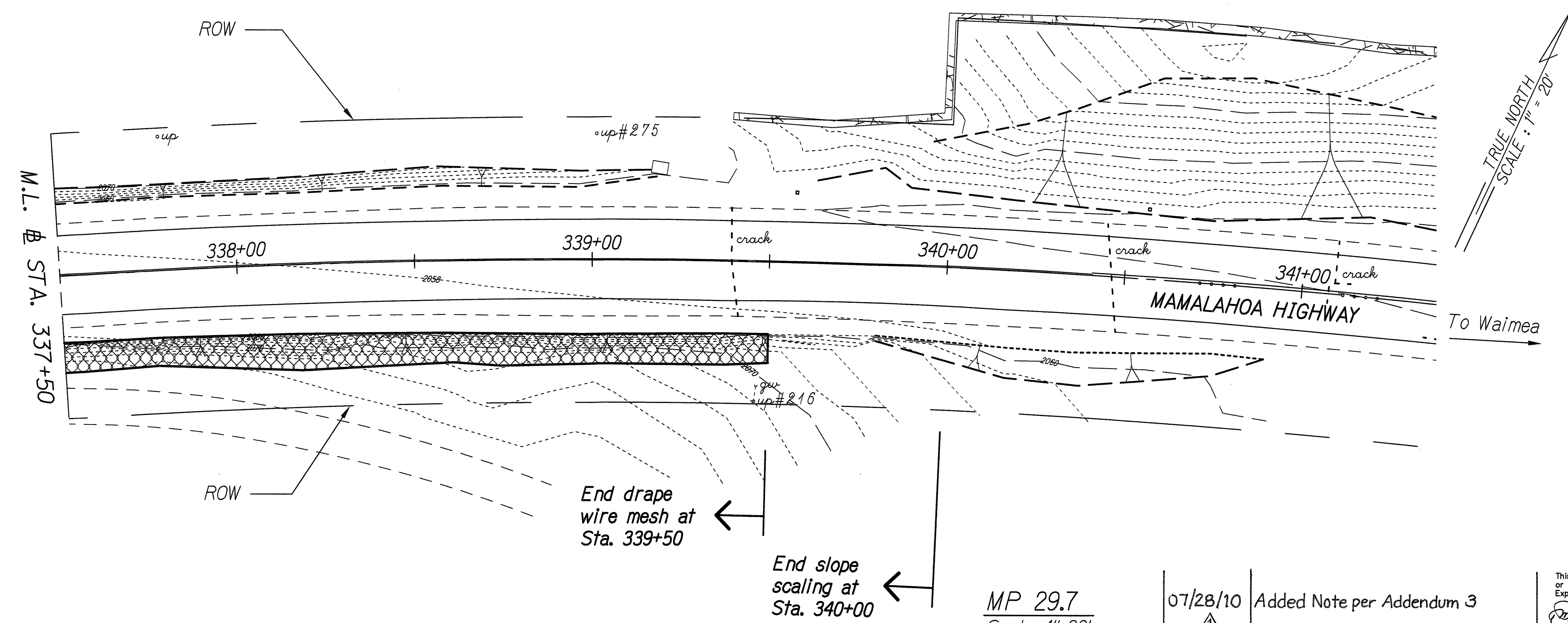


FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	54R	88



▲ Note: Sta. 333+50 to 340+50 Rt.
Remove and Replace Existing e.p. 4"
White Stripe with Type "C"
Markers at 40' o.c.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE PLAN
SITE 9 - MP 29.7
EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Scale: As Shown Date: December 2009
SHEET No. G-91 OF 7 SHEETS

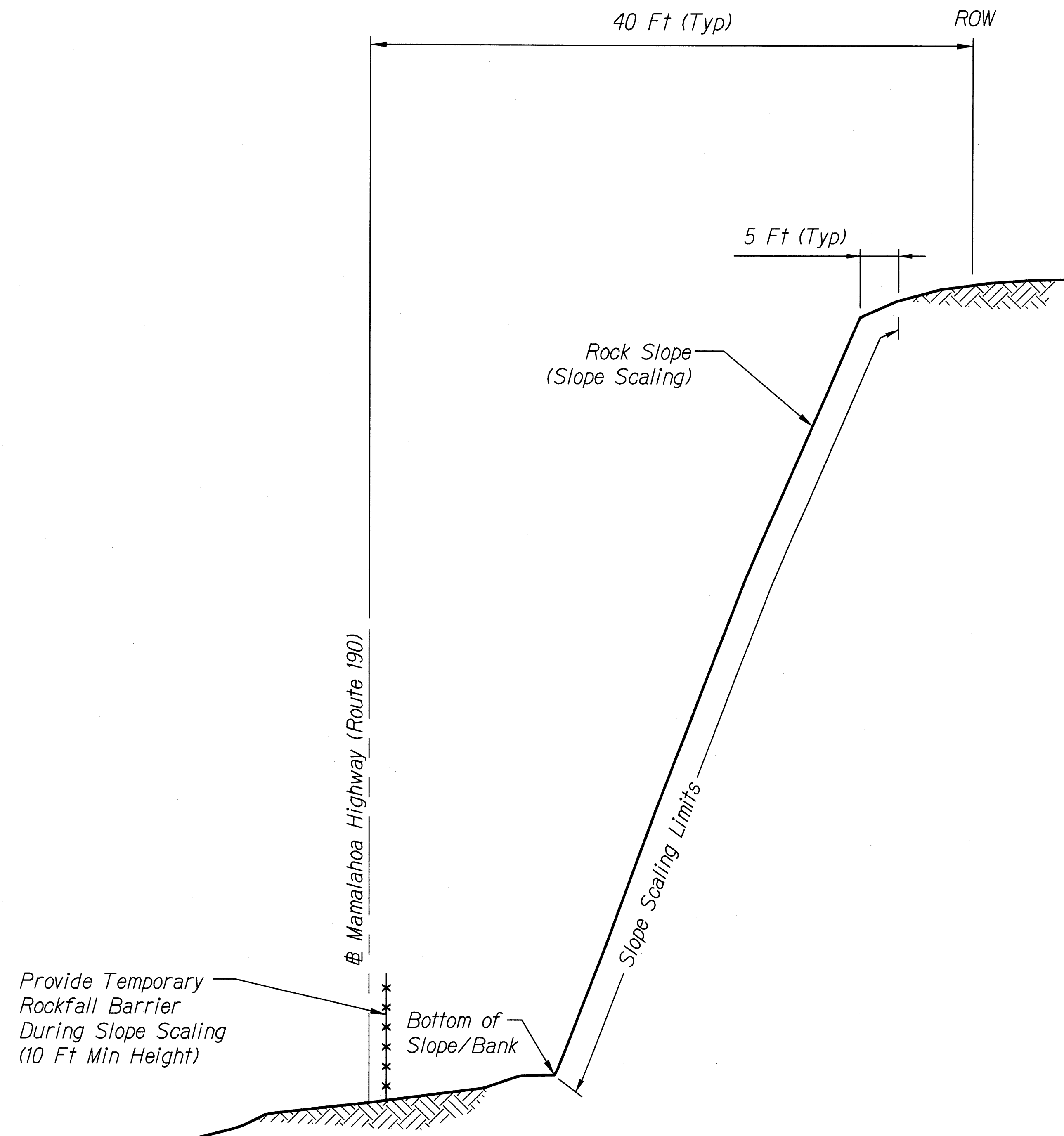
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Geolabs, Inc.

07/28/10	Added Note per Addendum 3
DATE	REVISION

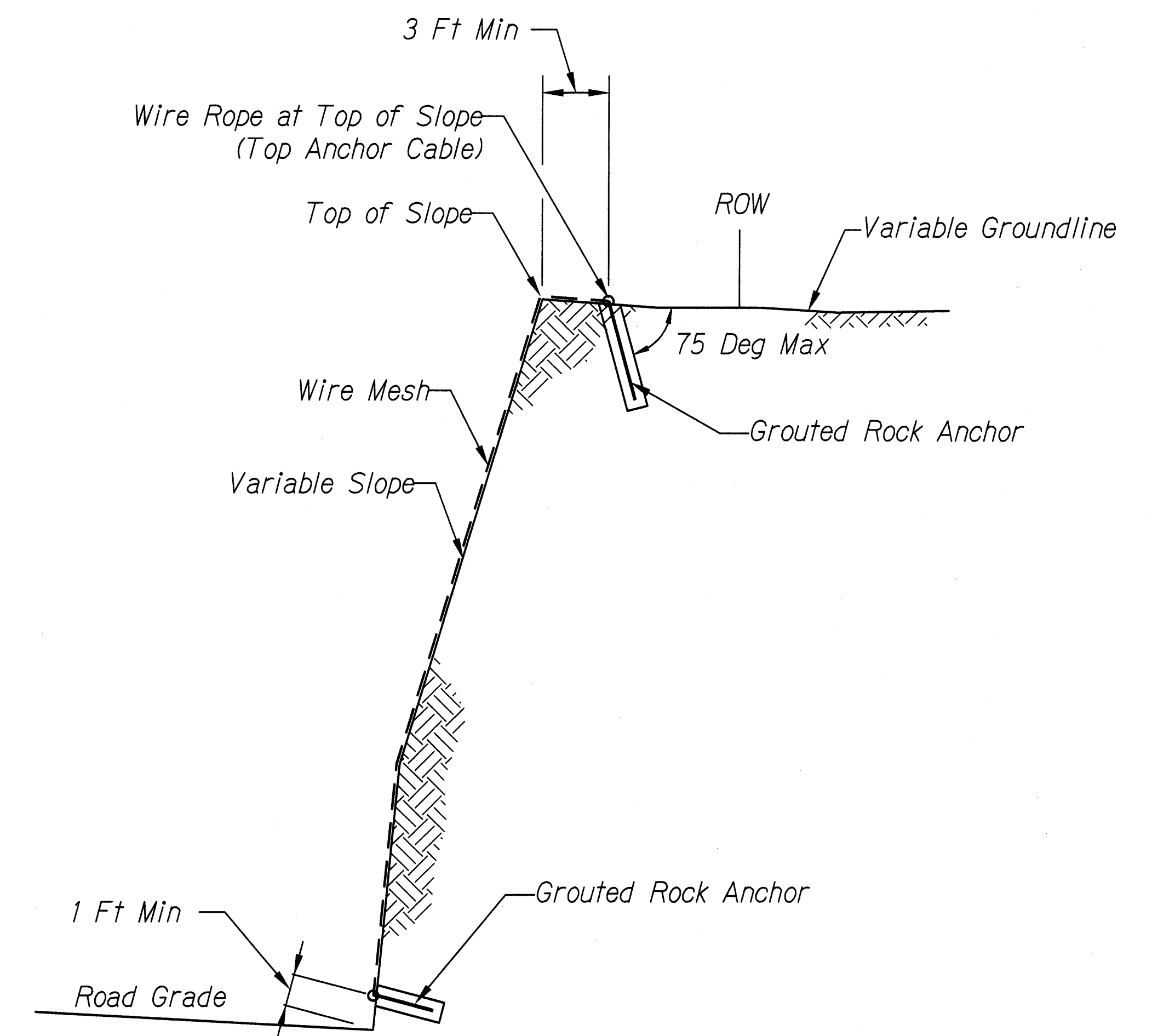
MP 29.7
Scale: 1"=20'

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

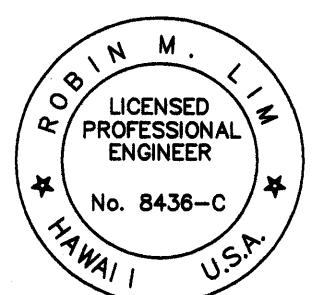
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	55	88



**TYPICAL SECTION
SLOPE SCALING**
Not To Scale
Sta. 334+00 to Sta. 340+00



DRAPED WIRE MESH
Not To Scale
Sta. 335+40 to Sta. 339+50



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Geolabs, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
SITE 9 - MP 29.7

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

Scale: As Shown Date: December 2009

SHEET No. G-9.2 OF 7 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
DATE	

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	56	88

2090

2080

2070

2060

-50

-40

-30

-20

-10

0

10

20

30

40

50

STA. 334+50
Scale: 1"=10'

ROW

B

ROW

2090

2080

2070

2060

-50

-40

-30

-20

-10

0

10

20

30

40

50

STA. 335+25
Scale: 1"=10'

ROW

B

ROW

2090

2080

2070

2060

-50

-40

-30

-20

-10

0

10

20

30

40

50

STA. 334+25
Scale: 1"=10'

ROW

B

ROW

2090

2080

2070

2060

-50

-40

-30

-20

-10

0

10

20

30

40

50

STA. 335+00
Scale: 1"=10'

ROW

B

ROW

2090

2080

2070

2060

-50

-40

-30

-20

-10

0

10

20

30

40

50

STA. 334+00
Scale: 1"=10'

ROW

B

ROW

2090

2080

2070

2060

-50

-40

-30

-20

-10

0

10

20

30

40

50

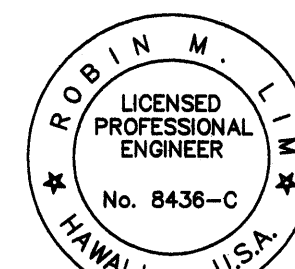
STA. 334+75
Scale: 1"=10'

ROW

B

ROW

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
DATE	



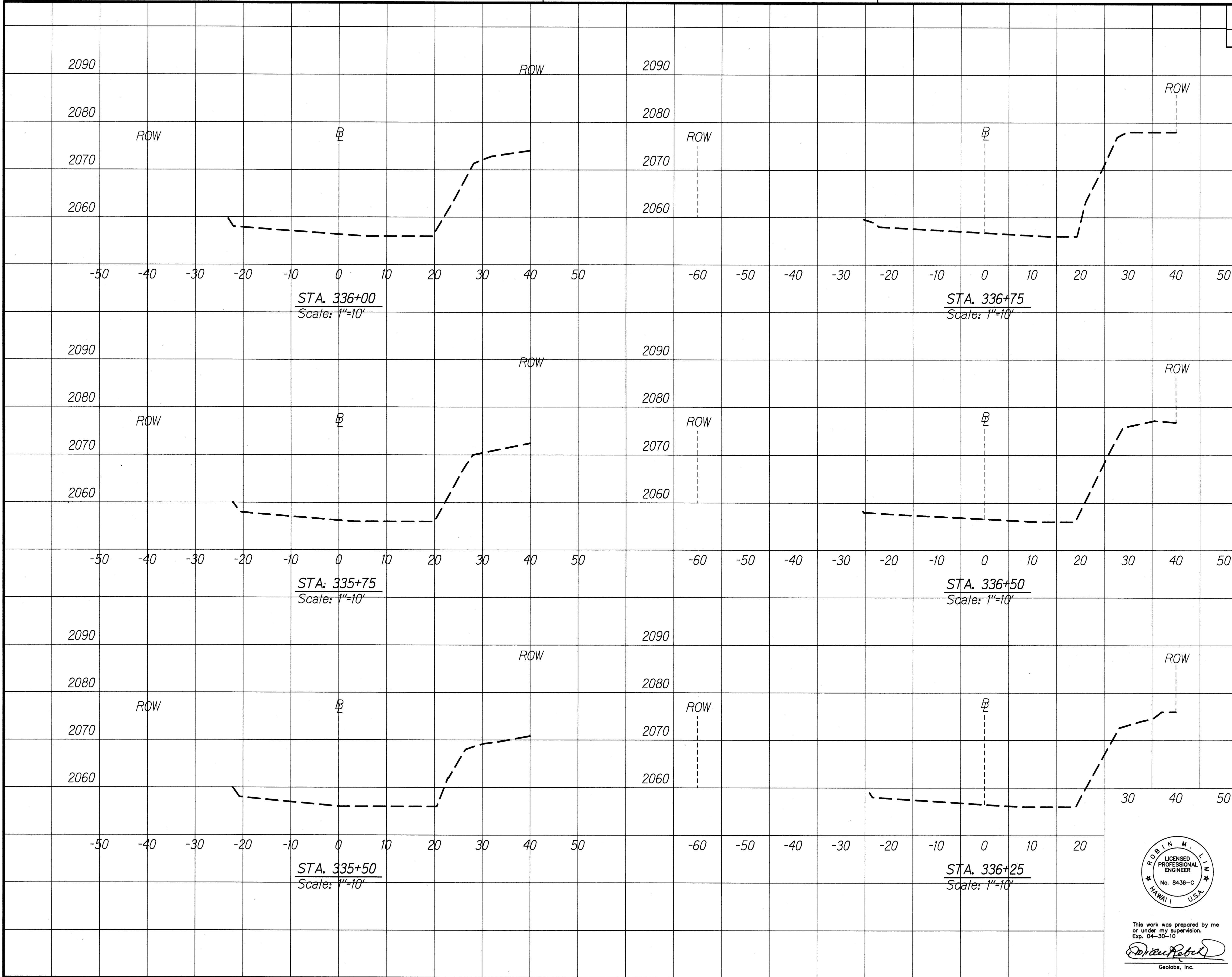
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS - 1
SITE 9 - MP 29.7

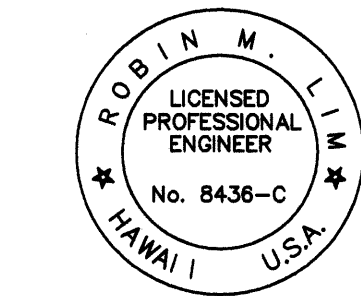
EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Scale: As Shown Date: December 2009

SHEET No. G-9.3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	57	88



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N _o .	REVISIONS BY	
	QUANTITIES BY	
	CHECKED BY	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS - 2
SITE 9 - MP 29.7
EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Scale: As Shown Date: December 2009
SHEET No. G-9.4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	58	88

2090

ROW

2080

B

2070

2060

-50 -40 -30 -20 -10 0 10 20 30 40 50

STA. 337+50
Scale: 1"=10'

ROW

2090

ROW

2080

B

2070

2060

-50 -40 -30 -20 -10 0 10 20 30 40 50

STA. 338+25
Scale: 1"=10'

ROW

2090

ROW

2080

B

2070

2060

-50 -40 -30 -20 -10 0 10 20 30 40 50

STA. 337+25
Scale: 1"=10'

ROW

2090

ROW

2080

B

2070

2060

-50 -40 -30 -20 -10 0 10 20 30 40 50

STA. 338+00
Scale: 1"=10'

ROW

2090

ROW

2080

B

2070

2060

-50 -40 -30 -20 -10 0 10 20 30 40 50

STA. 337+00
Scale: 1"=10'

2090

ROW

2080

B

2070

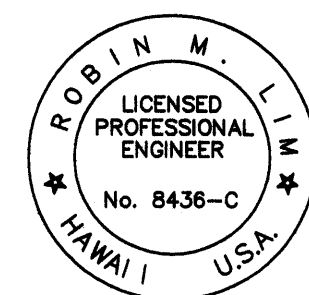
2060

-50 -40 -30 -20 -10 0 10 20 30 40

STA. 337+75
Scale: 1"=10'

50

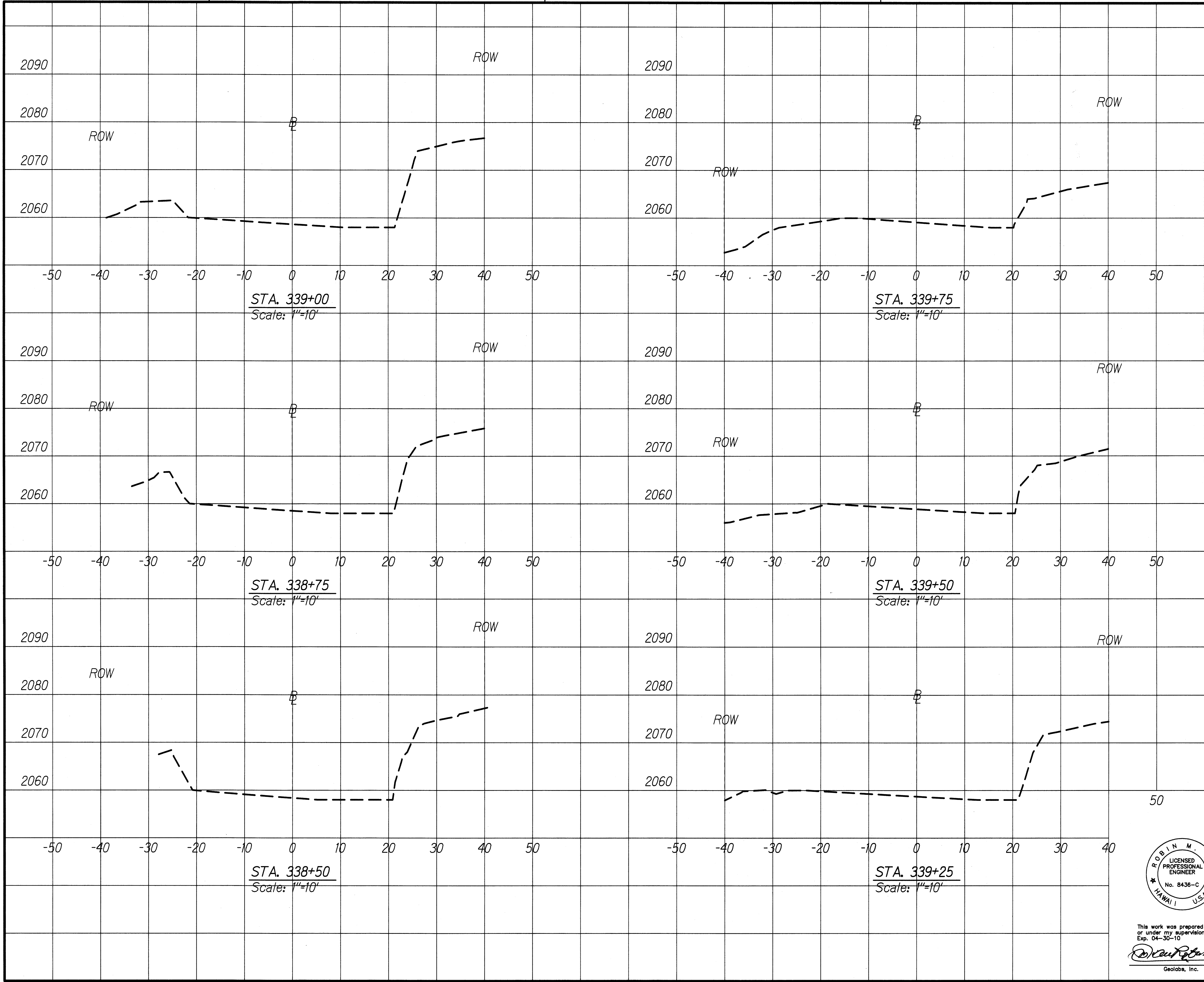
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY		
NOTED BY		
CHECKED BY		
IN CHARGE		



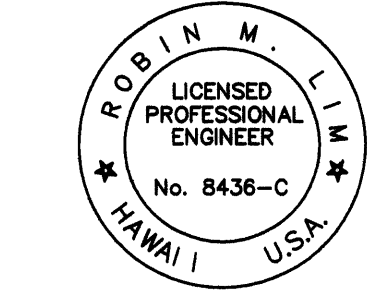
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS - 3
SITE 9 - MP 29.7
EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Scale: As Shown Date: December 2009
SHEET No. G-9.5 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	59	88



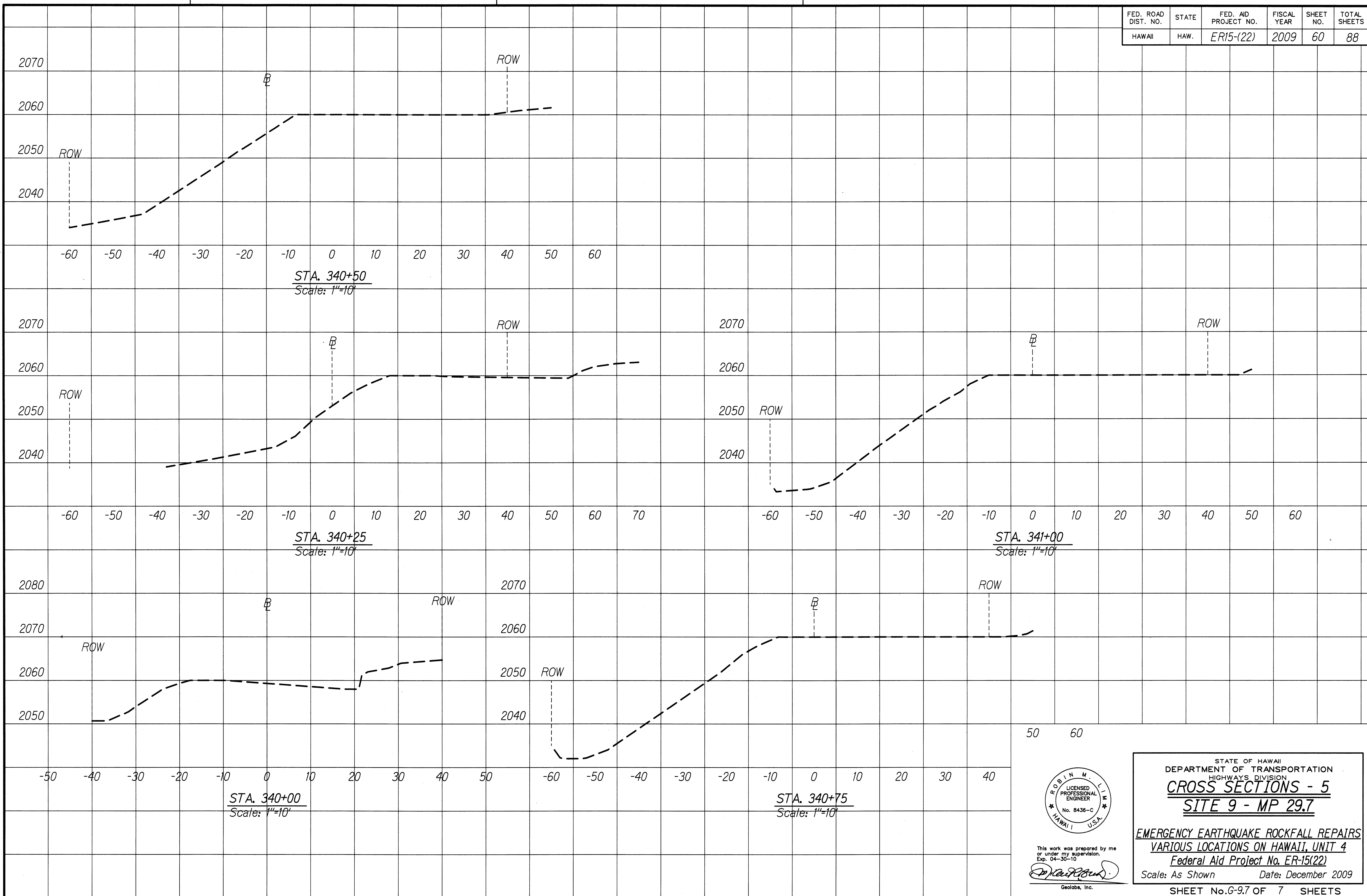
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	



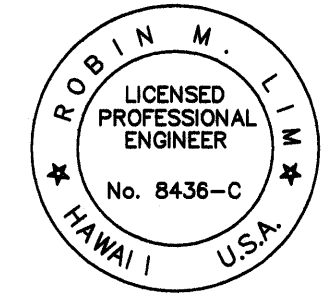
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS - 4
SITE 9 - MP 29.7
EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Scale: As Shown Date: December 2009
SHEET No. G-9.6 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER15-(22)	2009	60	88



ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS - 5
SITE 9 - MP 29.7
EMERGENCY EARTHQUAKE ROCKFALL REPAIRS
VARIOUS LOCATIONS ON HAWAII, UNIT 4
Federal Aid Project No. ER-15(22)
Scale: As Shown Date: December 2009
SHEET No. G-9.7 OF 7 SHEETS