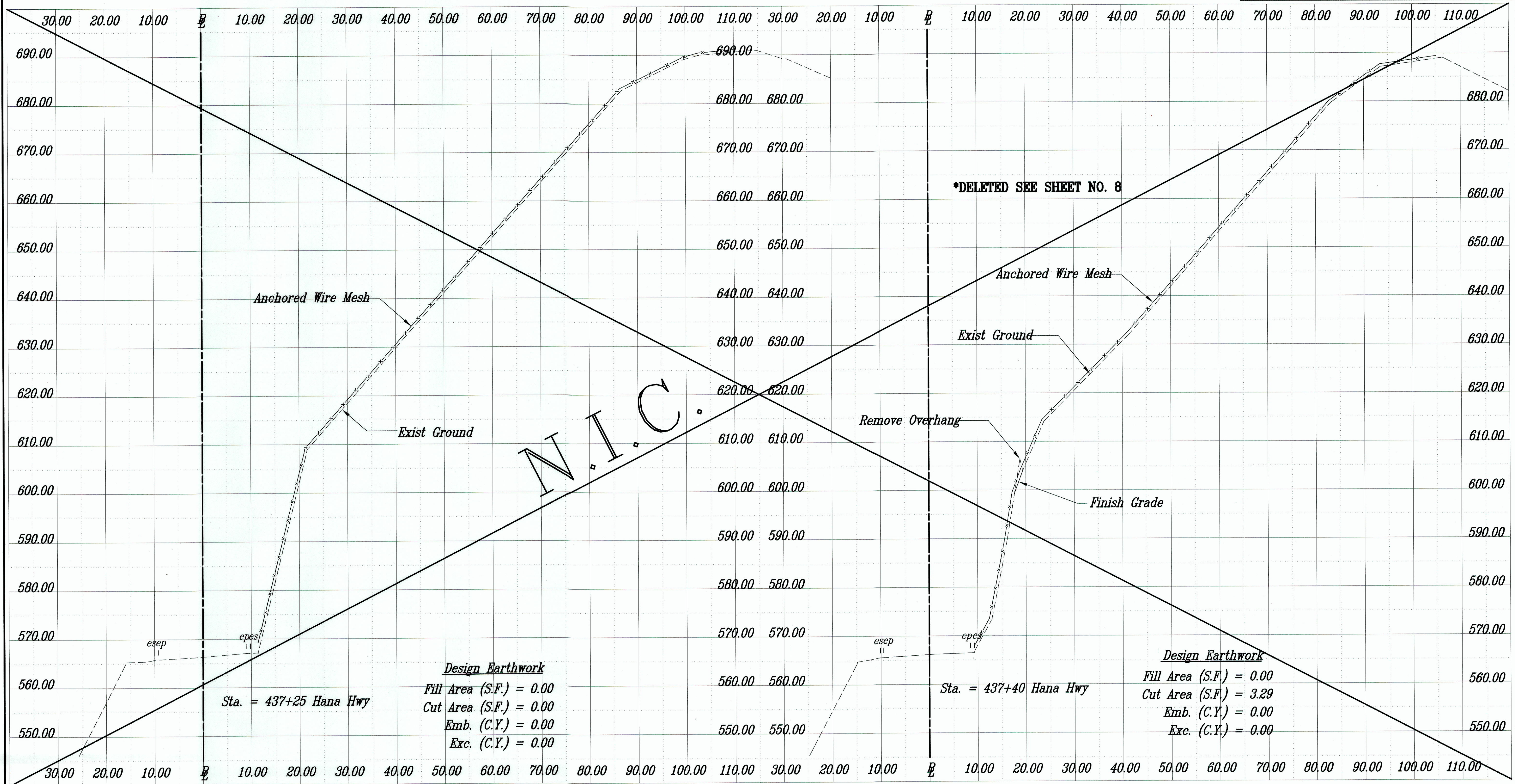


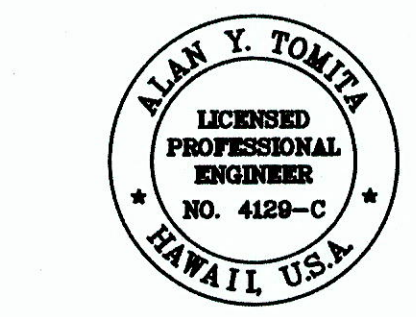
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	12	28



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

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Roadway
	Text for as-built posting

Cross Sections - 1
Scale: Horizontal 1"=10'
Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

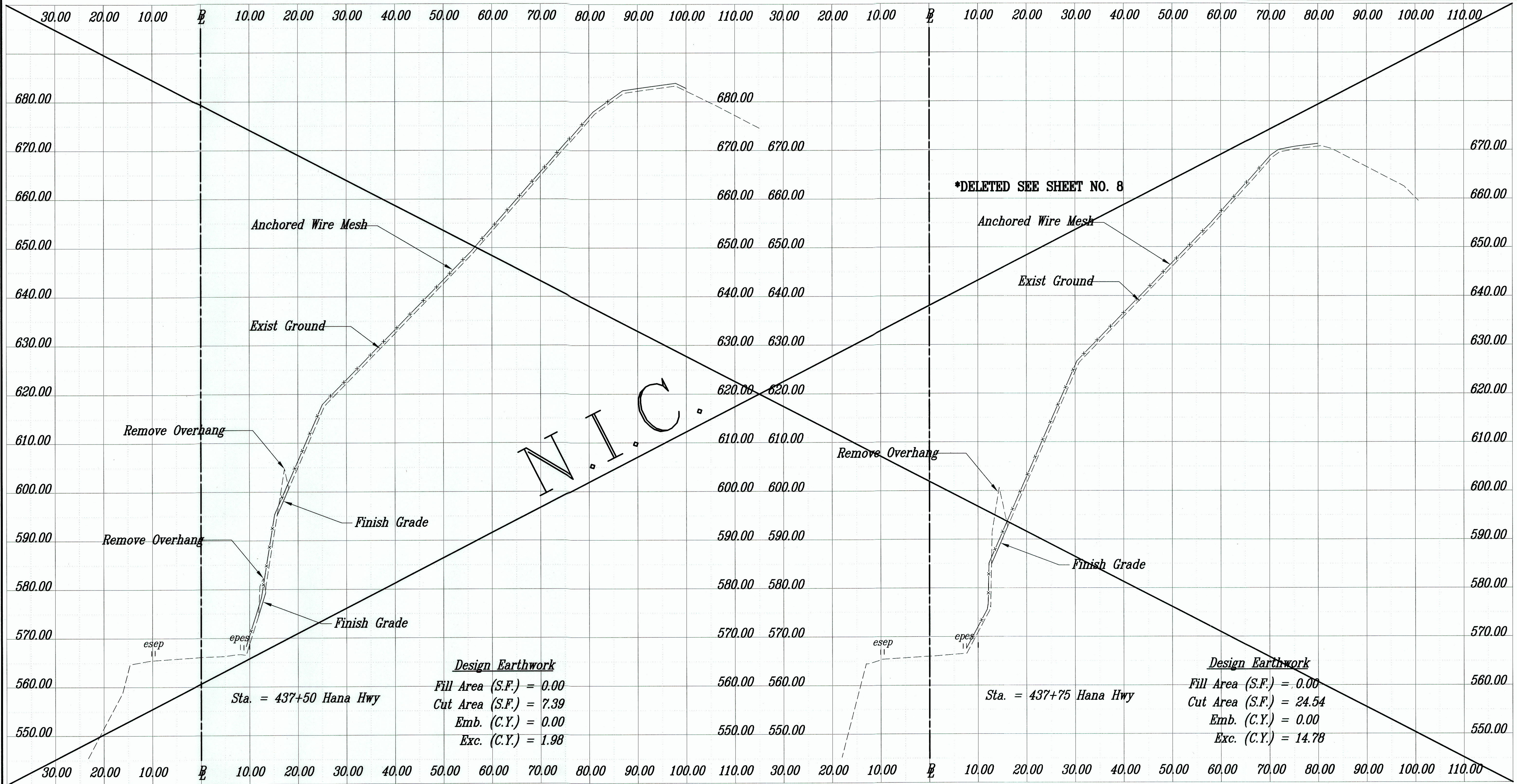
CROSS SECTIONS - 1

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Date: May 2004

Scale: SHEET No. 12 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	13	28



Design Earthwork
 Fill Area (S.F.) = 0.00
 Cut Area (S.F.) = 7.39
 Emb. (C.Y.) = 0.00
 Exc. (C.Y.) = 1.98

Design Earthwork
 Fill Area (S.F.) = 0.00
 Cut Area (S.F.) = 24.54
 Emb. (C.Y.) = 0.00
 Exc. (C.Y.) = 14.78

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Cross Sections - 2
 Scale: Horizontal 1"=10'
 Vertical 1"=10'



THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

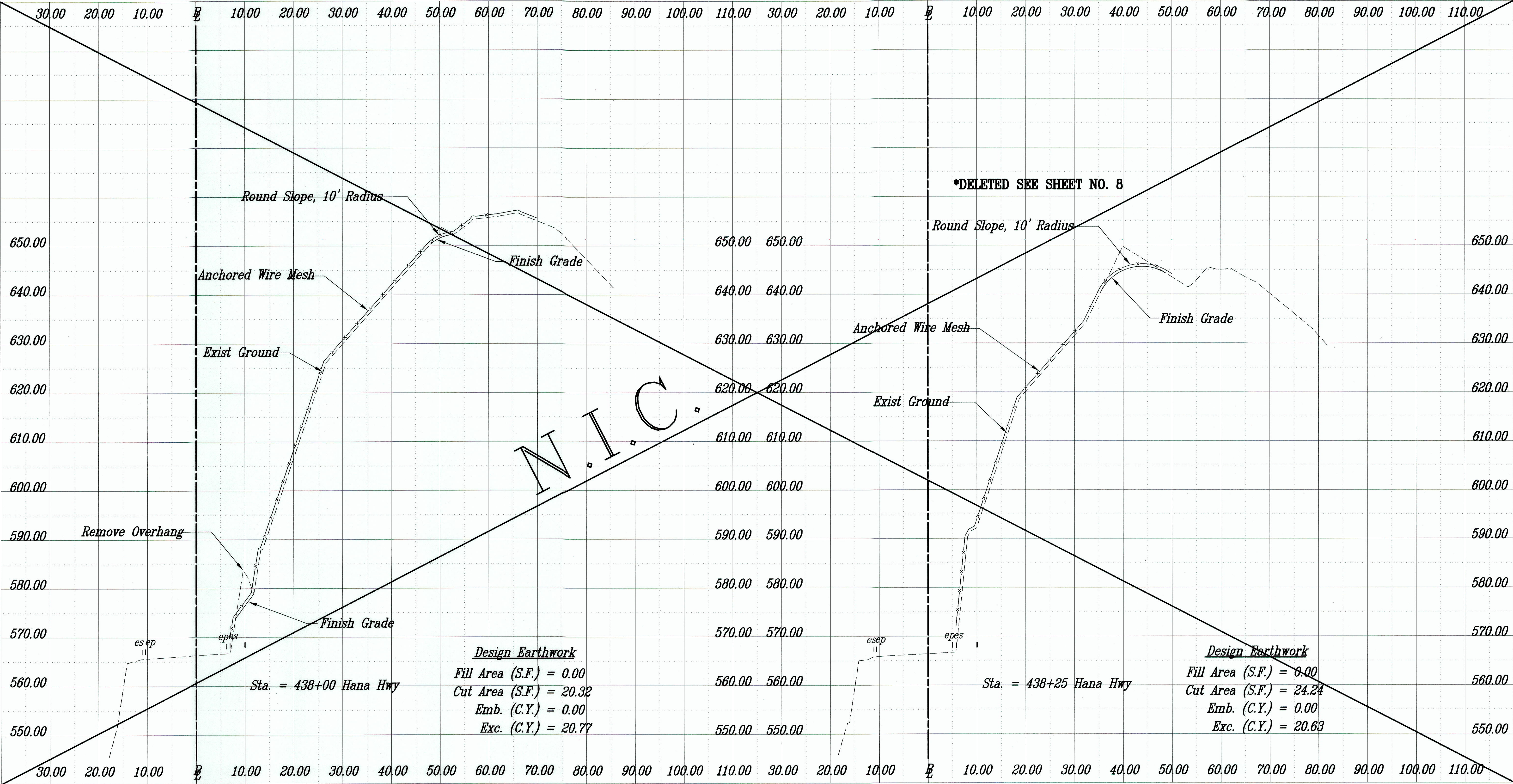
CROSS SECTIONS- 2

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
 Scale: Date: May 2004

SHEET No. 13 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase 1	2004	14	28

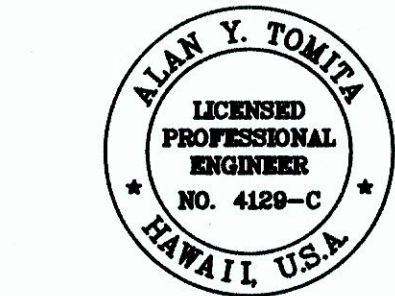


SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Cross Sections - 3

Scale: Horizontal 1"=10'
Vertical 1"=10'



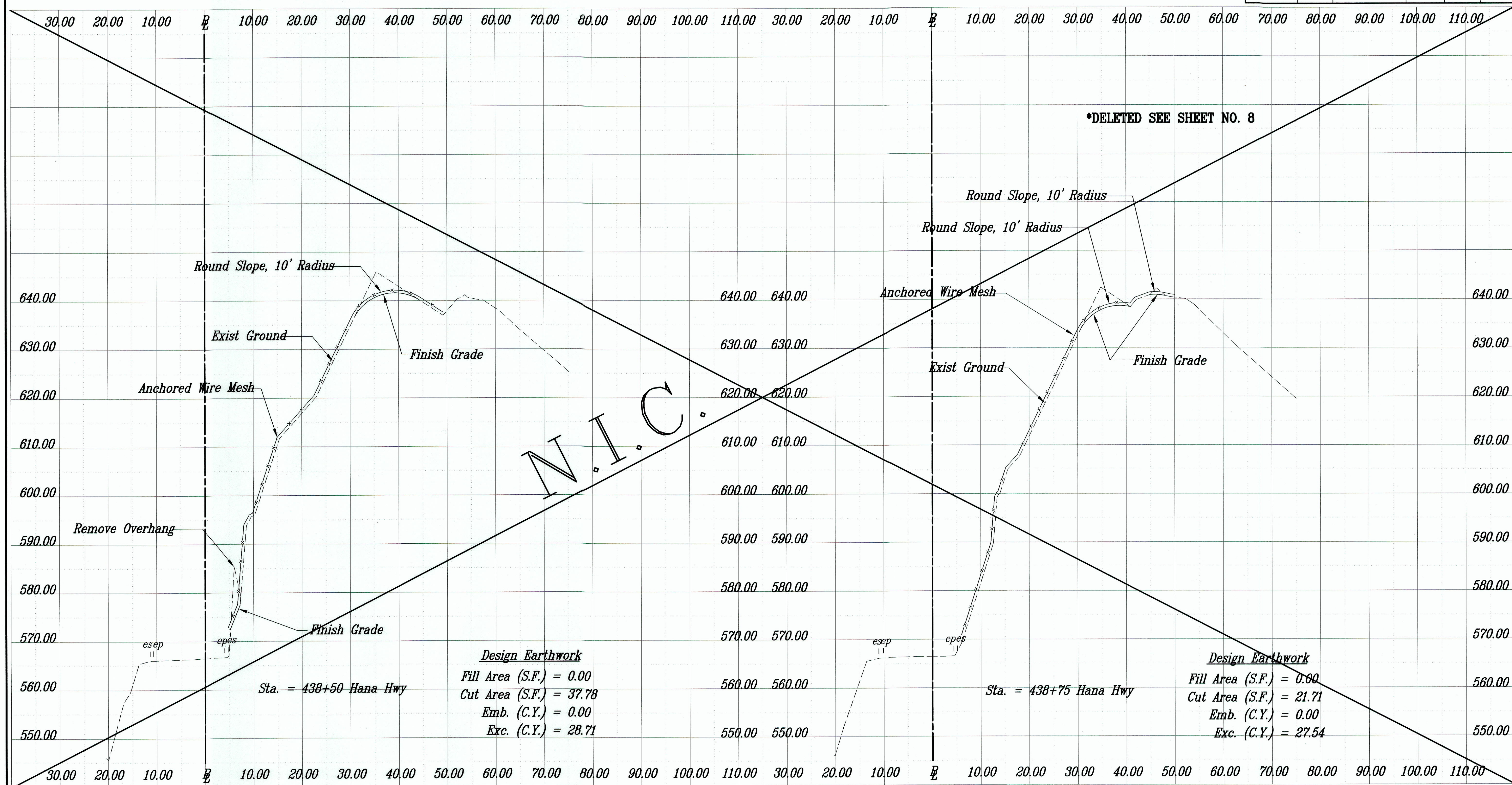
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS- 3
ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase 1
Scale: Date: May 2004
SHEET No. 14 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	15	28



ORIGINAL PLAN	DATE
DESIGNED BY	TRACED BY
QUANTITIES BY	CHECKED BY
No.	

LEGEND FOR ASBUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway

Text for as-built posting

Cross Sections - 4
 Scale: Horizontal 1"=10'
 Vertical 1"=10'

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS- 4

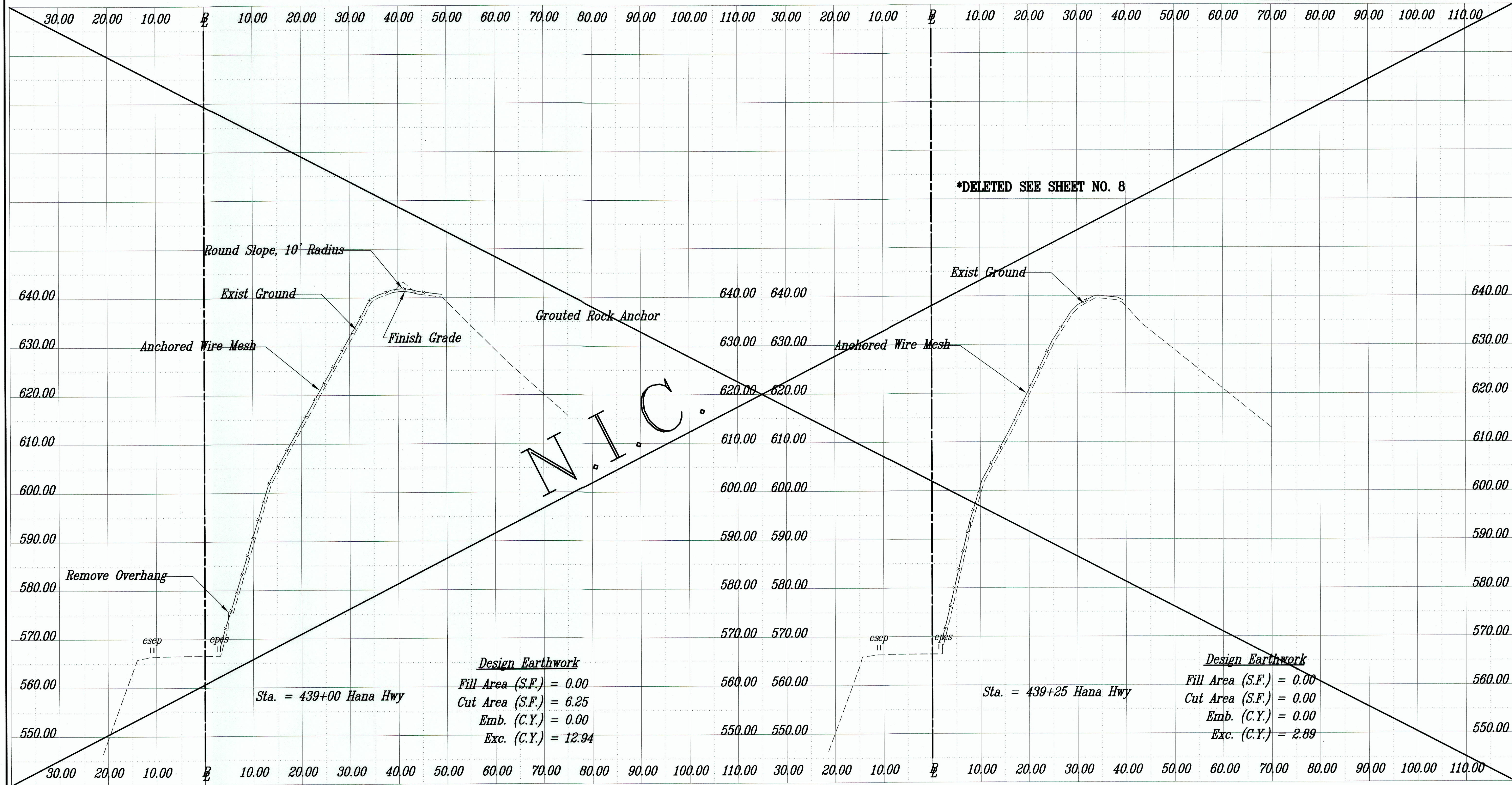
ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Date: May 2004

Scale:

SHEET No. 15 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	16	28



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO.	

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Design Earthwork
 Fill Area (S.F.) = 0.00
 Cut Area (S.F.) = 6.25
 Emb. (C.Y.) = 0.00
 Exc. (C.Y.) = 12.94

Design Earthwork
 Fill Area (S.F.) = 0.00
 Cut Area (S.F.) = 0.00
 Emb. (C.Y.) = 0.00
 Exc. (C.Y.) = 2.89

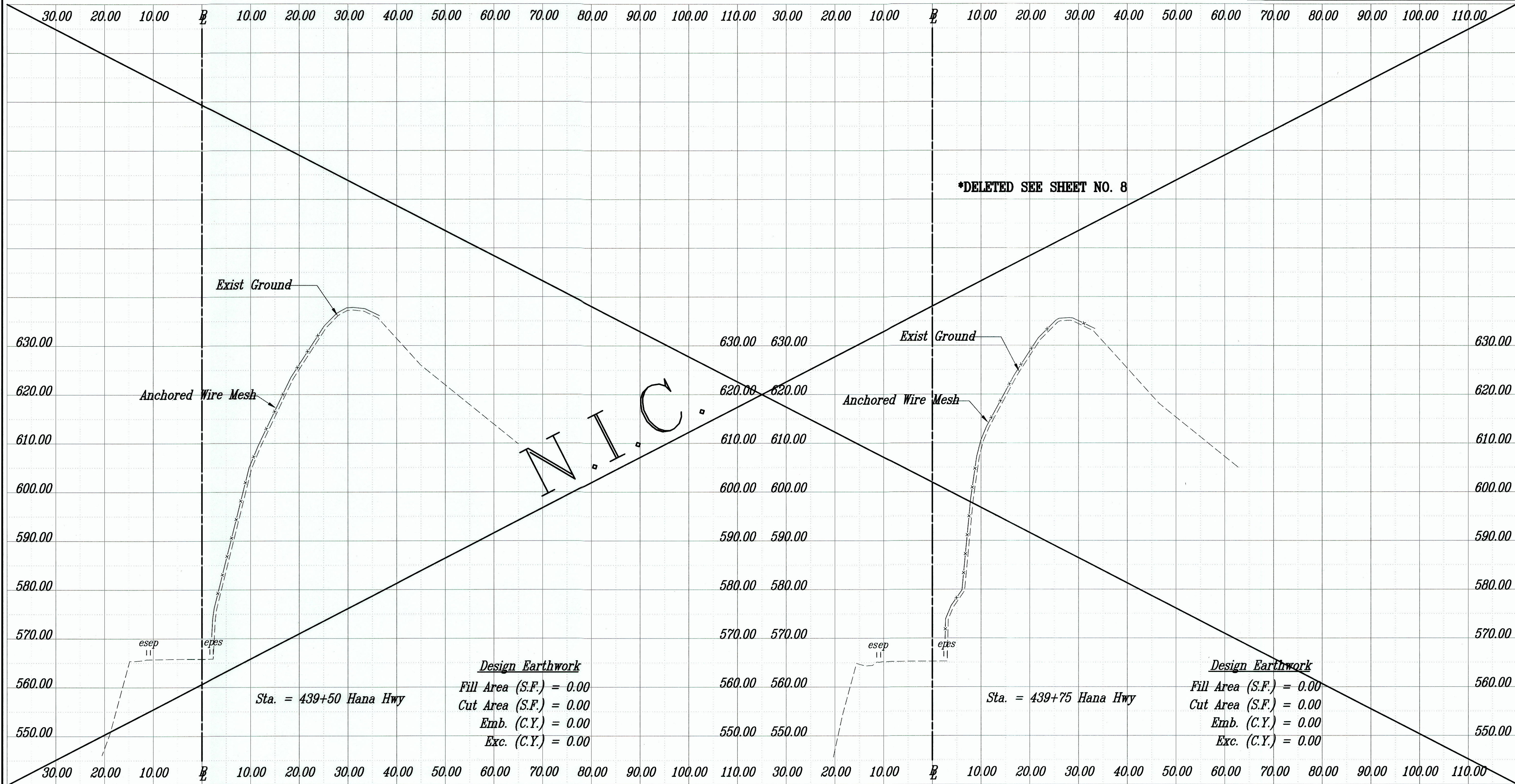
Cross Sections - 5
 Scale: Horizontal 1"=10'
 Vertical 1"=10'

ALAN Y. TOMITA
 LICENSED PROFESSIONAL ENGINEER
 NO. 4129-C
 HAWAII, U.S.A.
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS- 5
 ROUTE 360 HANA HIGHWAY
 ROCKFALL MITIGATION, PHASE-I
 MILE POST 11.05 TO 11.31
 Project No. 360AB-02-98, Phase I
 Scale: Date: May 2004
 SHEET No. 16 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	17	28



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

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Roadway
	Text for as-built posting

Cross Sections - 6
 Scale: Horizontal 1"=10'
 Vertical 1"=10'

ALAN Y. TOMITA
 LICENSED PROFESSIONAL ENGINEER
 NO. 4129-C
 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

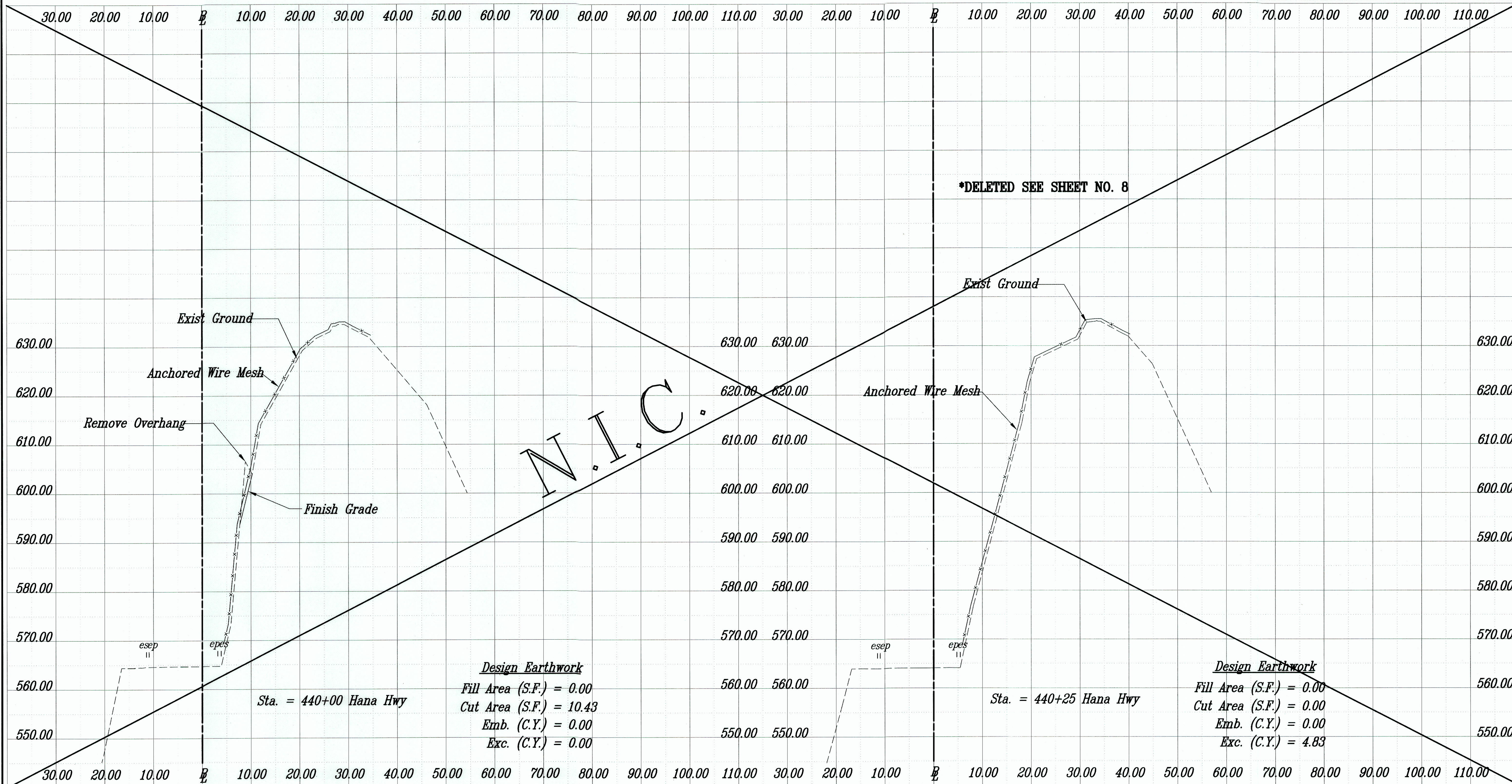
CROSS SECTIONS- 6

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
 Scale: Date: May 2004

SHEET No. 17 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	18	28



Design Earthwork
 Fill Area (S.F.) = 0.00
 Cut Area (S.F.) = 10.43
 Emb. (C.Y.) = 0.00
 Exc. (C.Y.) = 0.00

Design Earthwork
 Fill Area (S.F.) = 0.00
 Cut Area (S.F.) = 0.00
 Emb. (C.Y.) = 0.00
 Exc. (C.Y.) = 4.83

Cross Sections - 7
 Scale: Horizontal 1"=10'
 Vertical 1"=10'

LEGEND FOR ASBUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway

Text for as-built posting

ALAN Y. TOMITA
 LICENSED PROFESSIONAL ENGINEER
 NO. 4129-C
 HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS- 7

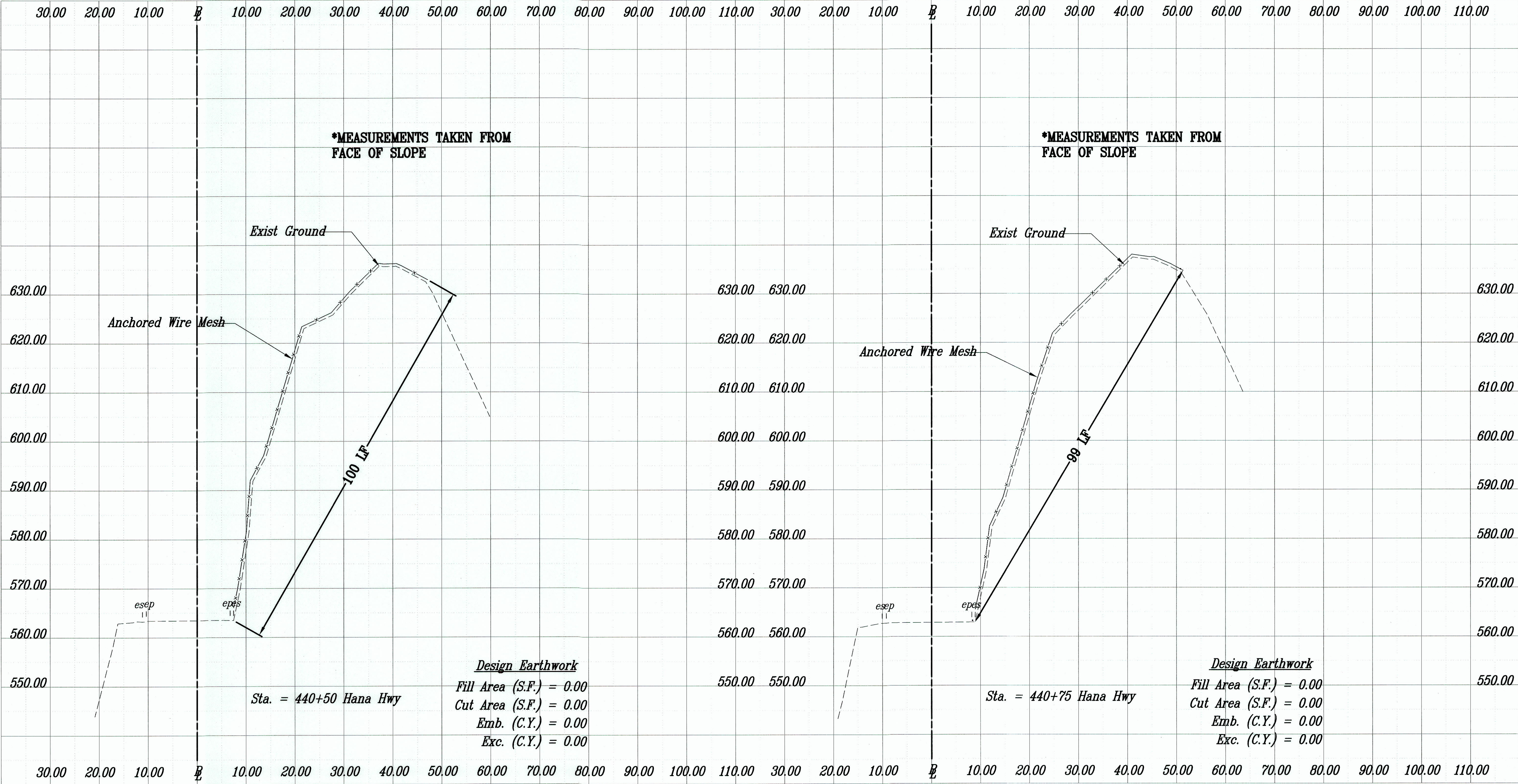
ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
 Scale: Date: May 2004

SHEET No. 18 OF 28 SHEETS

ORIGINAL PLAN
 SURVEY PLOTTED BY: _____ DATE: _____
 DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 No. _____

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	19	28



ORIGINAL PLAN
DATE: _____
SURVEY PLOTTED BY: _____
DRAWN BY: _____
TRACED BY: _____
NOTE BOOK DESIGNED BY: _____
QUANTITIES BY: _____
CHECKED BY: _____
No. _____

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Cross Sections - 8
Scale: Horizontal 1"=10'
Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

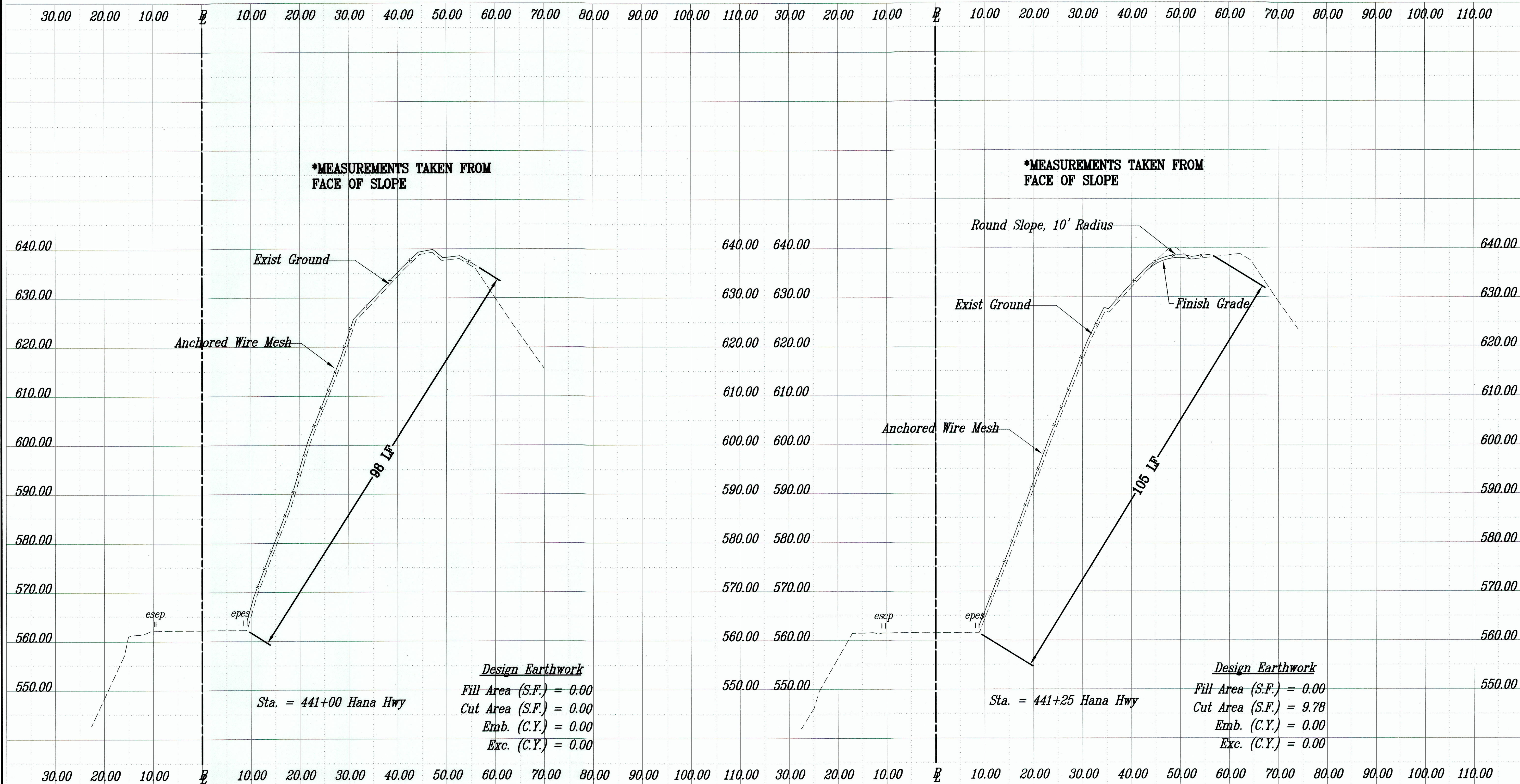
CROSS SECTIONS- 8

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Scale: _____ Date: May 2004

SHEET No. 19 OF 28 SHEETS

"AS-BUILT"

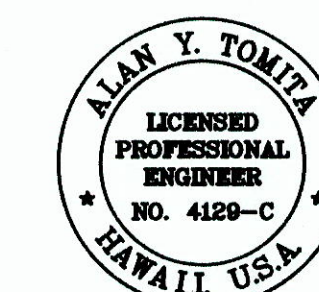
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	20	28



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

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Cross Sections - 9
Scale: Horizontal 1"=10'
Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

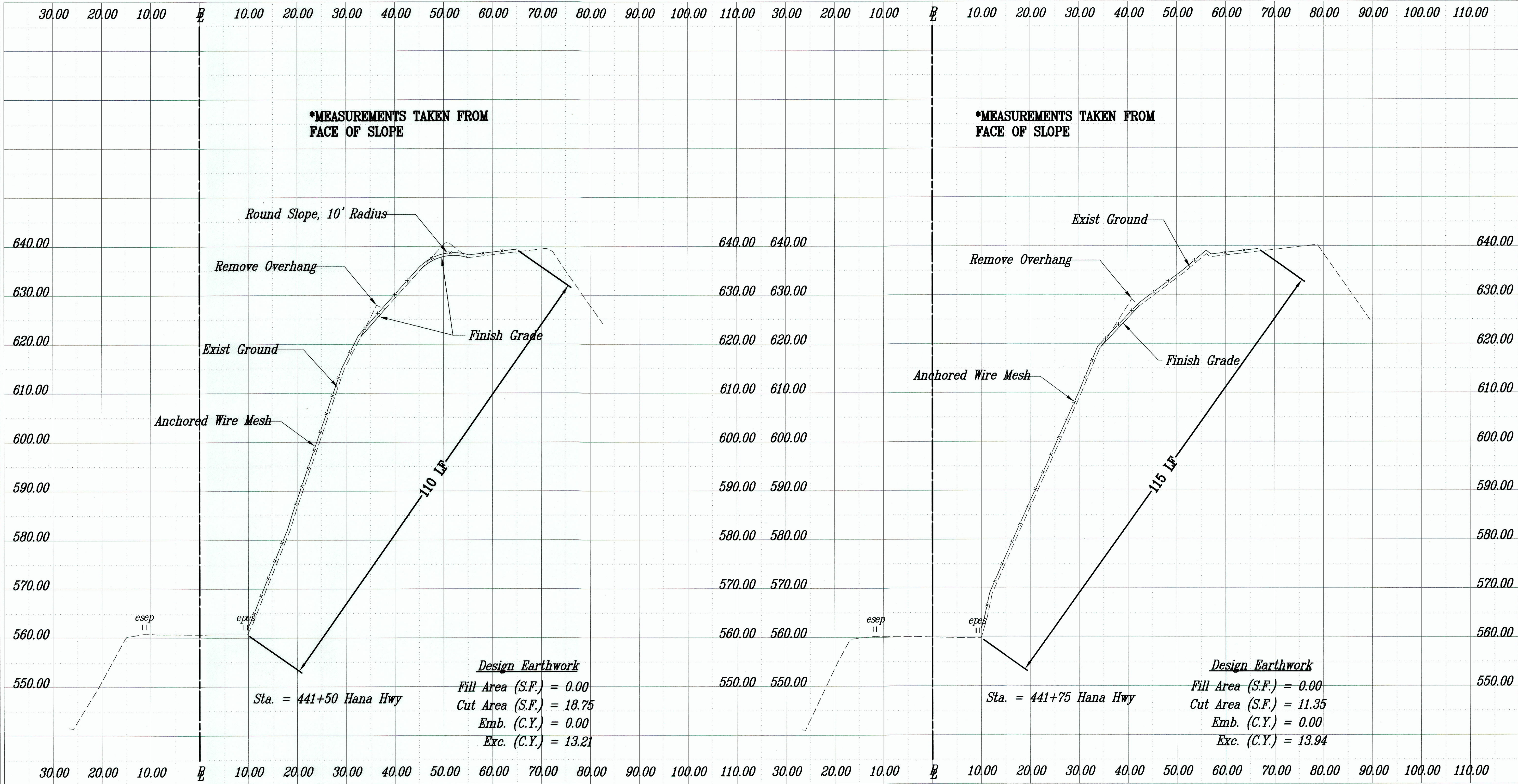
CROSS SECTIONS- 9

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Scale: _____ Date: May 2004

SHEET No. 20 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	21	28

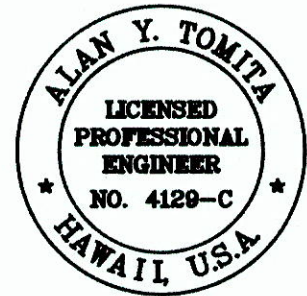


SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
No.	

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Cross Sections - 10

Scale: Horizontal 1"=10'
Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS - 10

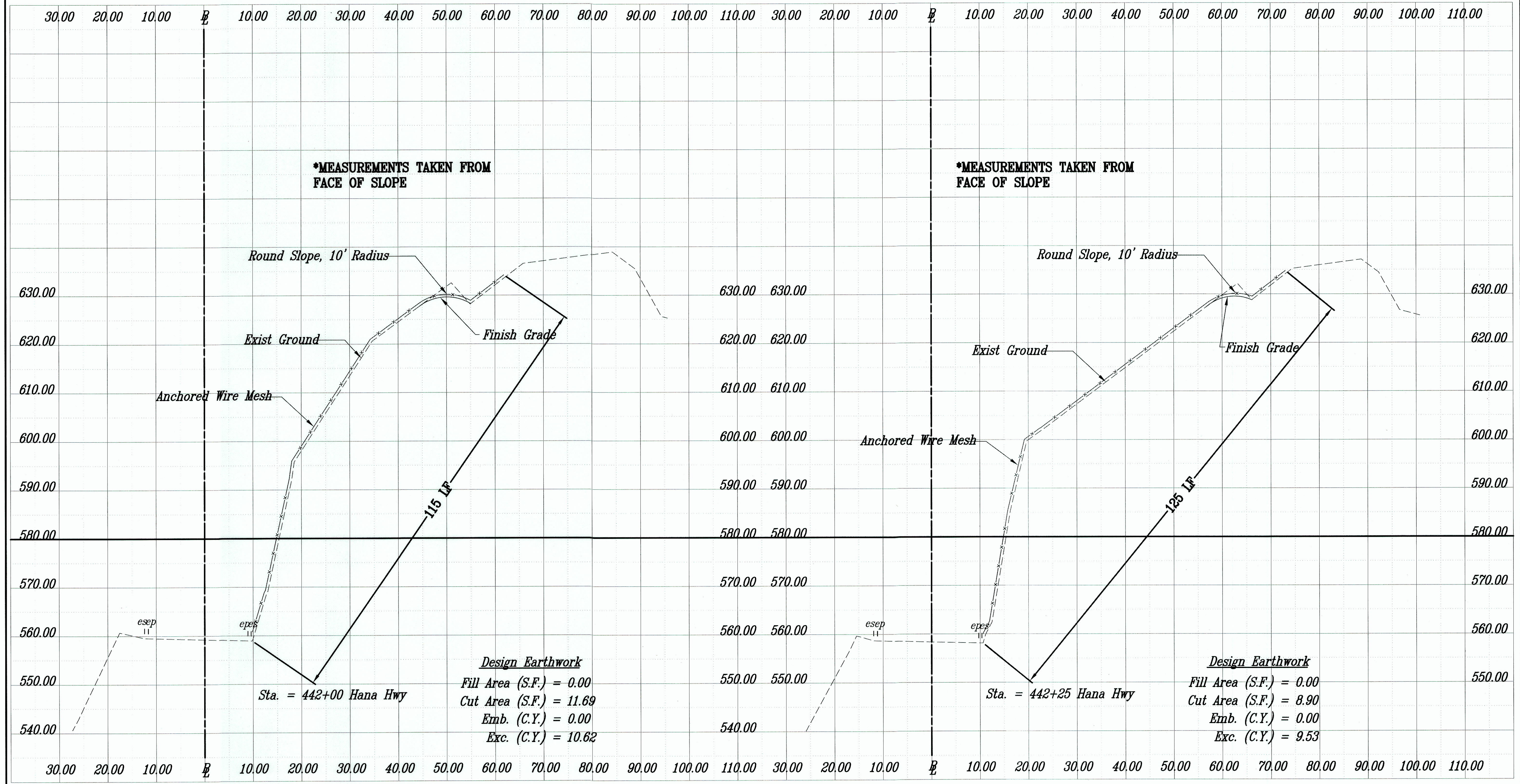
ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Date: May 2004

Scale:

SHEET No. 21 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	22	28



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

LEGEND FOR AS-BUILT POSTINGS

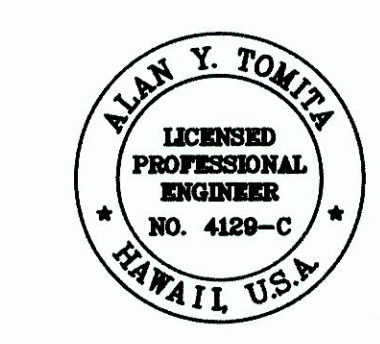
Squiggly line for as-built deletion

Double line for as-built deletion

Roadway

Text for as-built posting

Cross Sections - 11
Scale: Horizontal 1"=10'
Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS - 11

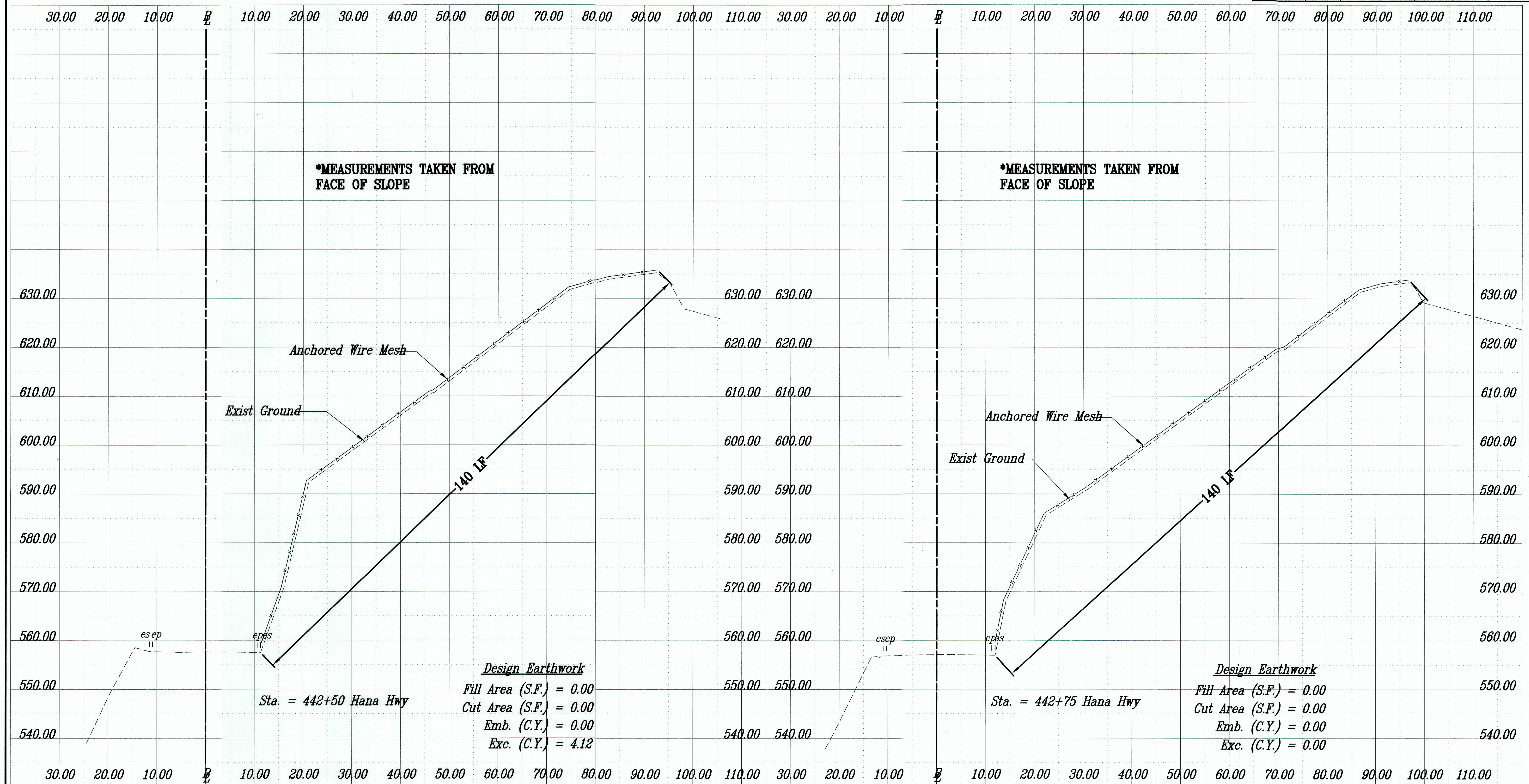
ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Date: May 2004

Scale:

SHEET No. 22 OF 28 SHEETS

"AS-BUILT"

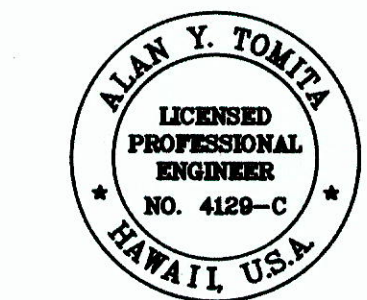
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	23	28



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

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Cross Sections - 12
 Scale: Horizontal 1"=10'
 Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

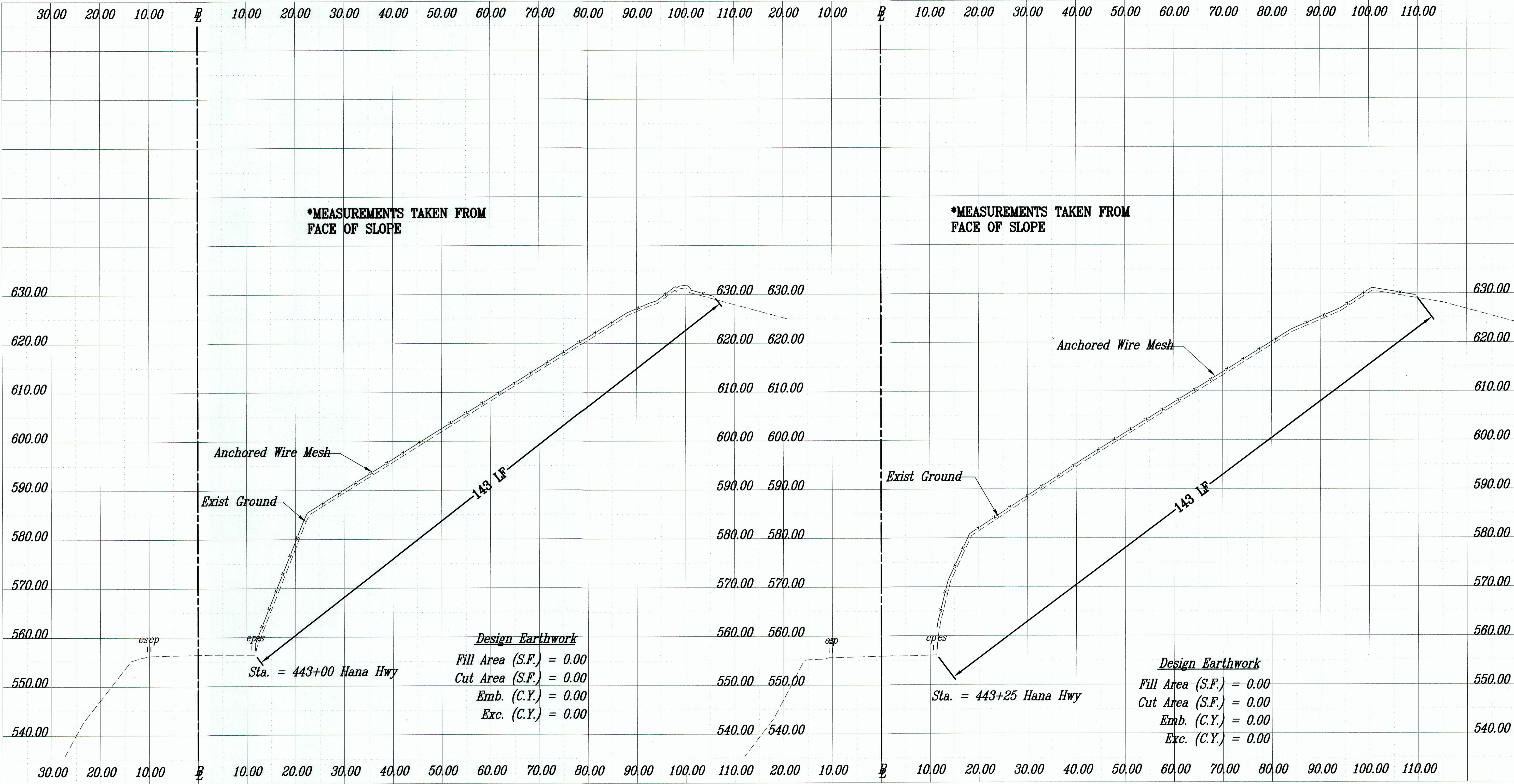
CROSS SECTIONS - 12

ROUTE 360 HANA HIGHWAY
 ROCKFALL MITIGATION, PHASE-I
 MILE POST 11.05 TO 11.31
 Project No. 360AB-02-98, Phase I
 Scale: Date: May 2004

SHEET No. 23 OF 28 SHEETS

"AS-BUILT"

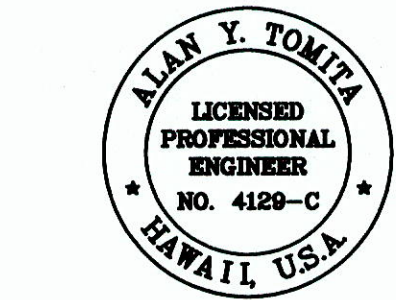
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	24	28



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

LEGEND FOR ASBUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Roadway
	Text for as-built posting

Cross Sections - 13
Scale: Horizontal 1"=10'
Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

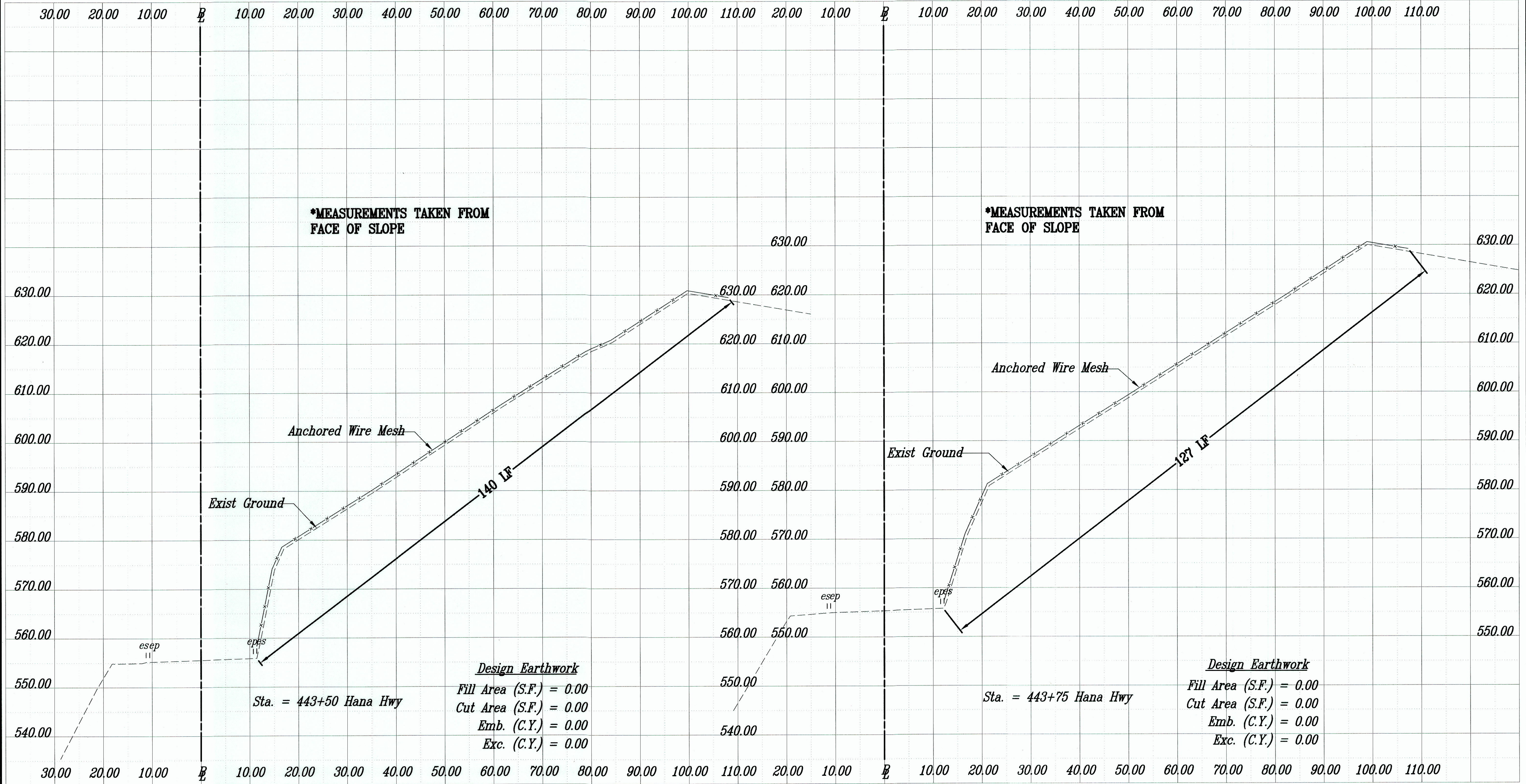
CROSS SECTIONS - 13

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Scale: _____ Date: May 2004

SHEET No. 24 OF 28 SHEETS

"AS-BUILT"

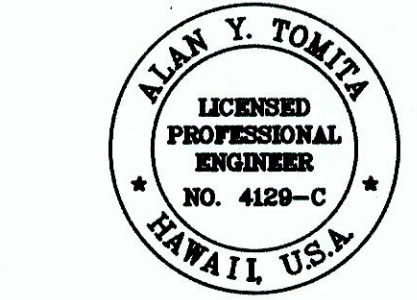
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	25	28



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

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

Cross Sections - 14
Scale: Horizontal 1"=10'
Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

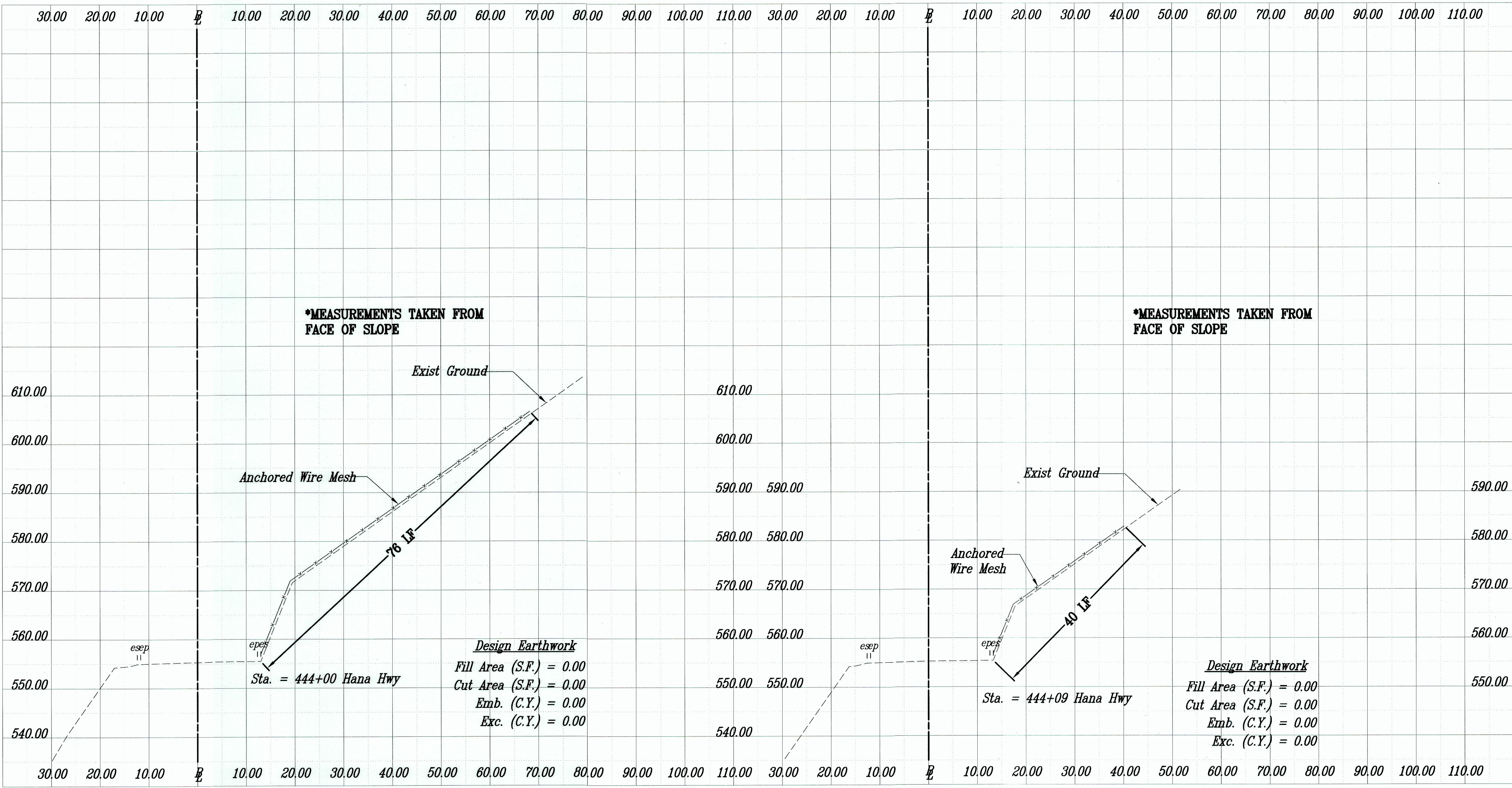
CROSS SECTIONS - 14

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Date: May 2004

Scale: SHEET No. 25 OF 28 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-02-98, Phase I	2004	26	28



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

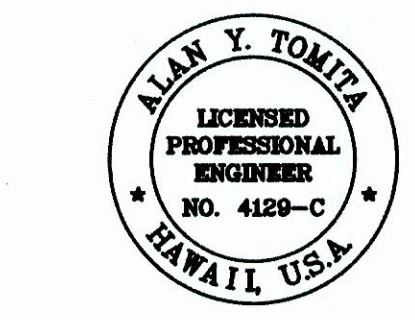
Roadway

Text for as-built posting

Cross Sections - 15

Scale: Horizontal 1"=10'

Vertical 1"=10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS - 15

ROUTE 360 HANA HIGHWAY
ROCKFALL MITIGATION, PHASE-I
MILE POST 11.05 TO 11.31
Project No. 360AB-02-98, Phase I
Scale: Date: May 2004

SHEET No. 26 OF 28 SHEETS

"AS-BUILT"