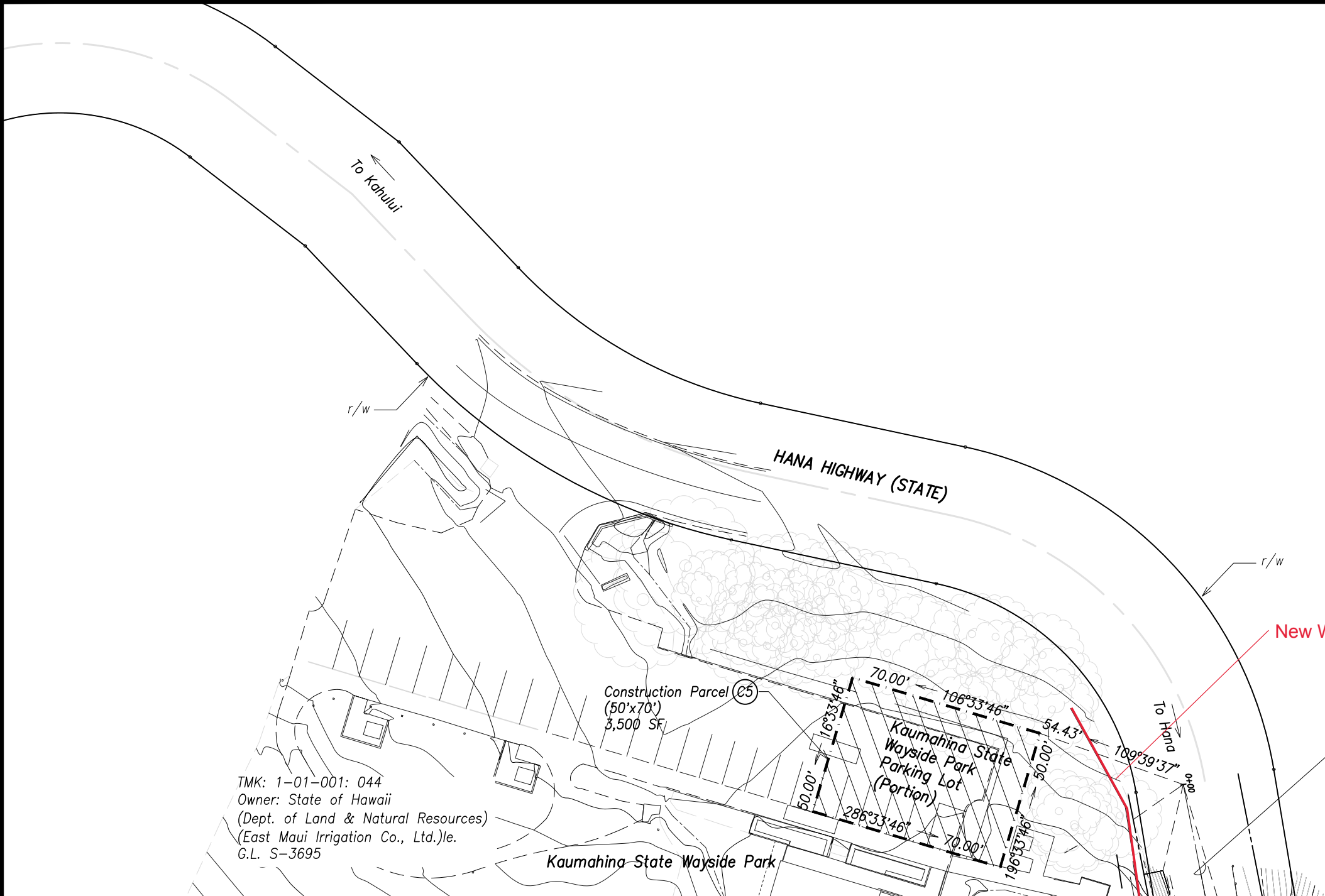
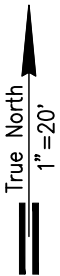


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36C-01-10	2020	11	35

AS-BUILT
Name: *PM*
Date: 10/20/22



TMK: 1-01-001: 044
Owner: State of Hawaii
(Dept. of Land & Natural Resources)
(East Maui Irrigation Co., Ltd.)/e.
G.L. S-3695

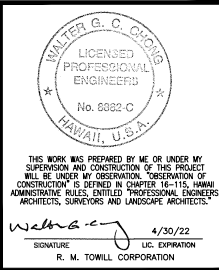
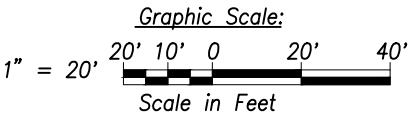
New Wood Fence Extension
TMK: 1-01-001: 021
Owner: State of Hawaii

Note:
Baseline Data for Hana Highway is not available. The Baseline shown is assumed and is for this project only.

STAGING & STORAGE AREA SITE PLAN
Scale: 1" = 20'

ROW ACQUISITION SUMMARY TABLE			
SITE	TMK	ADDITIONAL R/W AREA (SF)	CONSTRUCTION PARCEL AREA (SF)
STAGING & STORAGE AREA	1-01-001: 044	--	3,500

Note:
Kaumahina State Wayside Park Parking lot shall be restored to equal or better condition after use for Staging & storage area

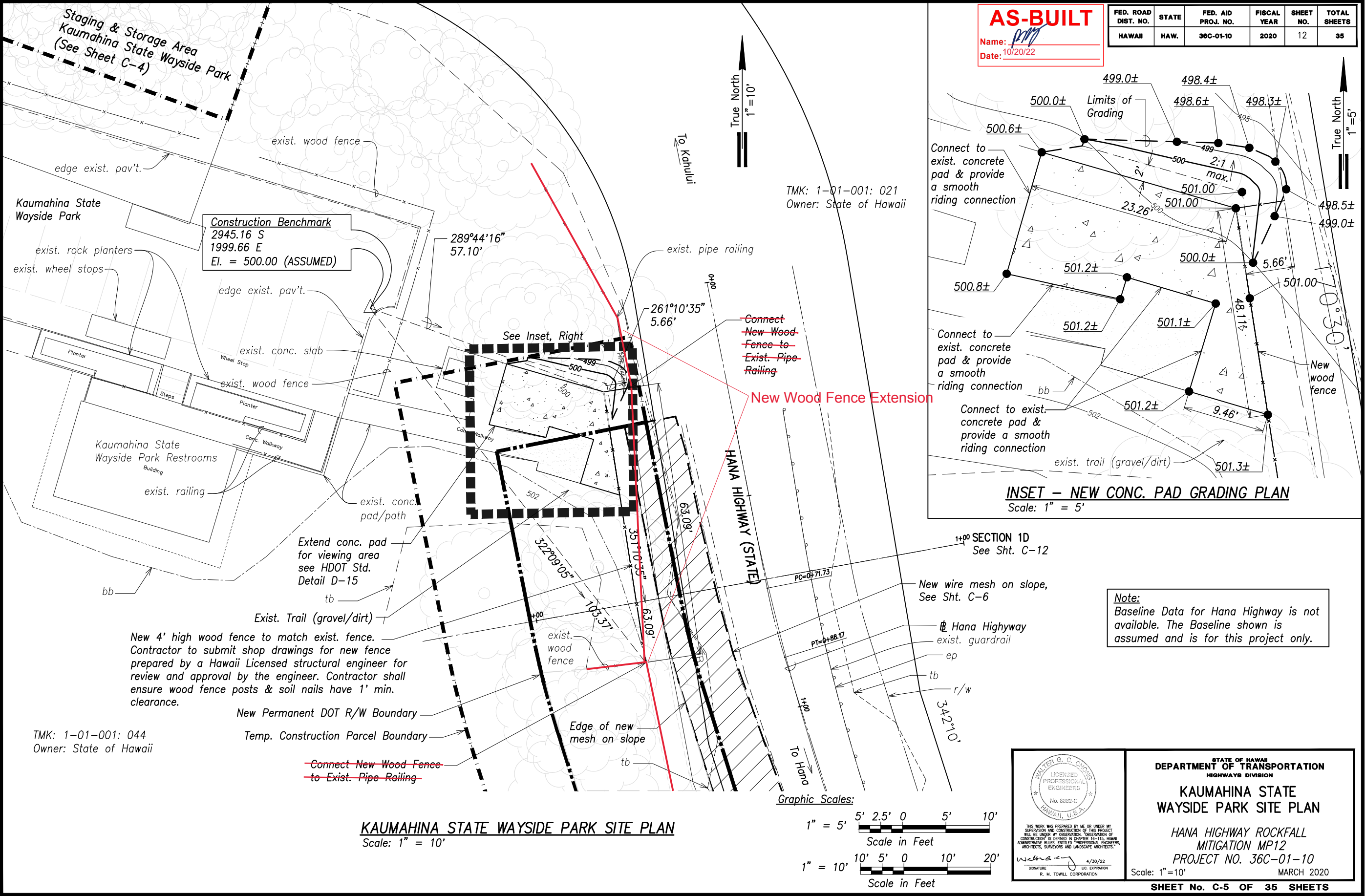


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STAGING & STORAGE AREA SITE PLAN

HANA HIGHWAY ROCKFALL
MITIGATION MP12
PROJECT NO. 36C-01-10

Scale: 1"=20' MARCH 2020



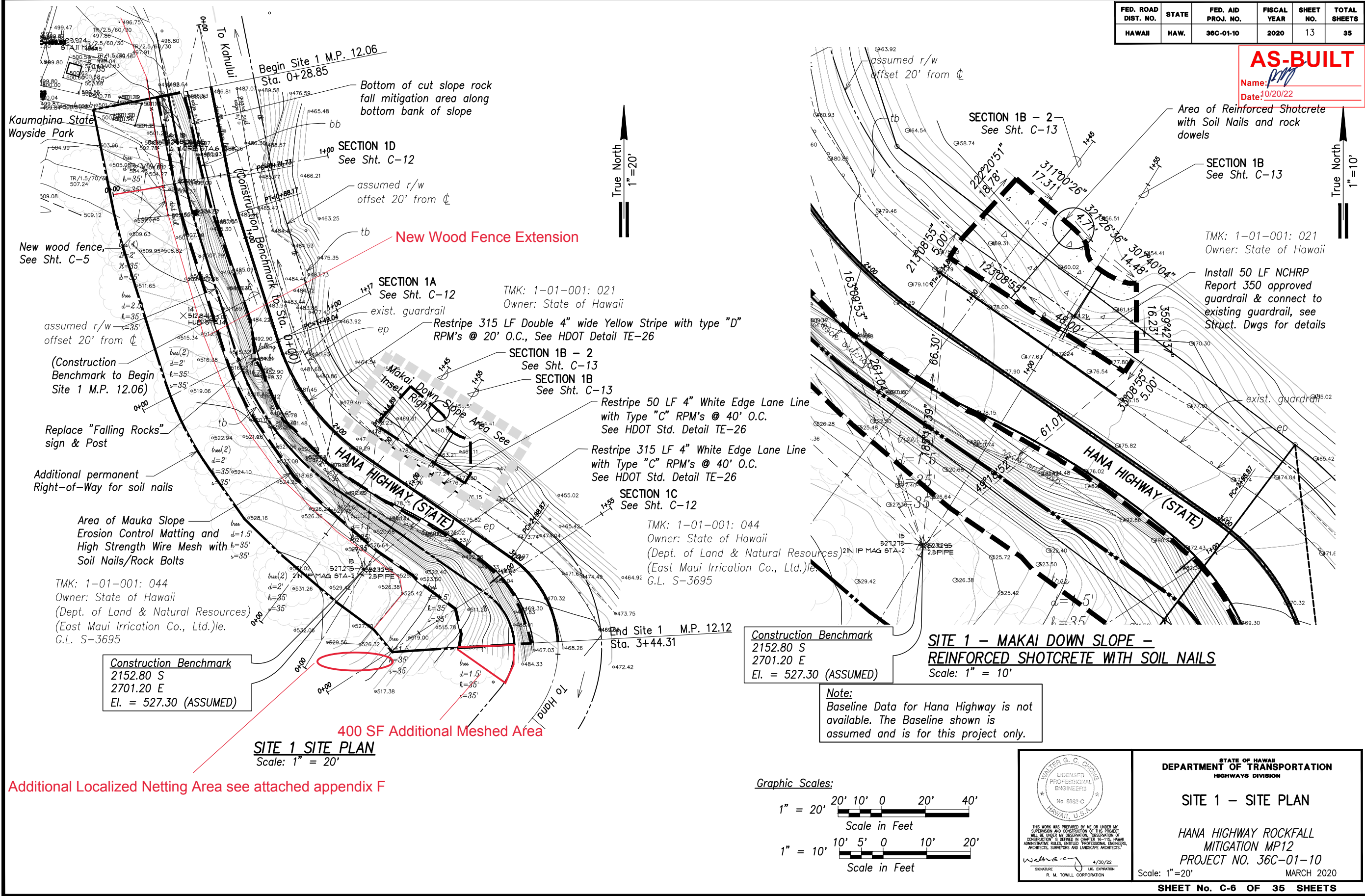
DATE	_____
SURVEY PLOTTED BY	_____
DRIVEN BY	_____
NOTES BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NO.	_____

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36C-01-10	2020	13	35

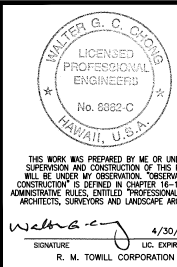
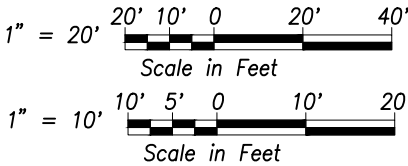
AS-BUILT

Name: *[Signature]*
Date: 10/20/22



DATE	_____
SURVEY PLOTTED BY	_____
DRIVEN BY	_____
TRACED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

Graphic Scales:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE 1 - SITE PLAN

HANA HIGHWAY ROCKFALL
MITIGATION MP12
PROJECT NO. 36C-01-10

Scale: 1"=20' MARCH 2020

SHEET No. C-6 OF 35 SHEETS

"AS-BUILT"

AS-BUILT

Name: *PM*

Date: 10/20/22

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36C-01-10	2020	-	-

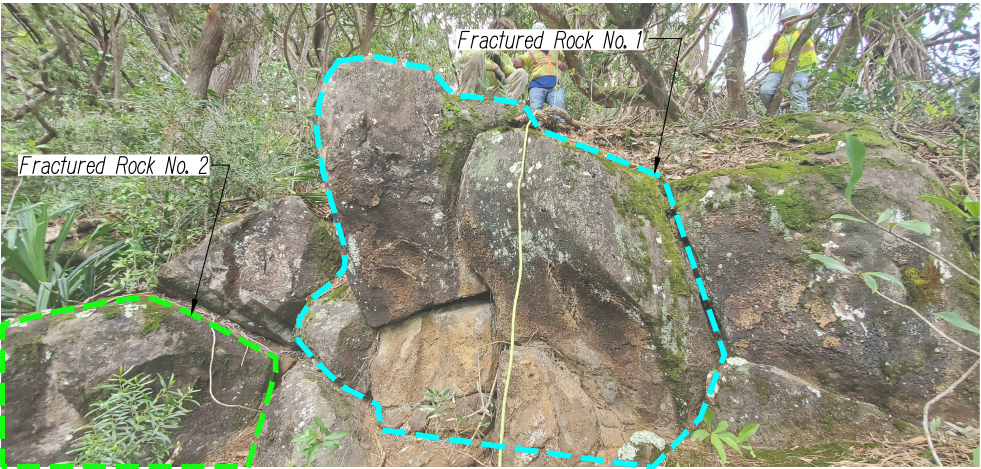
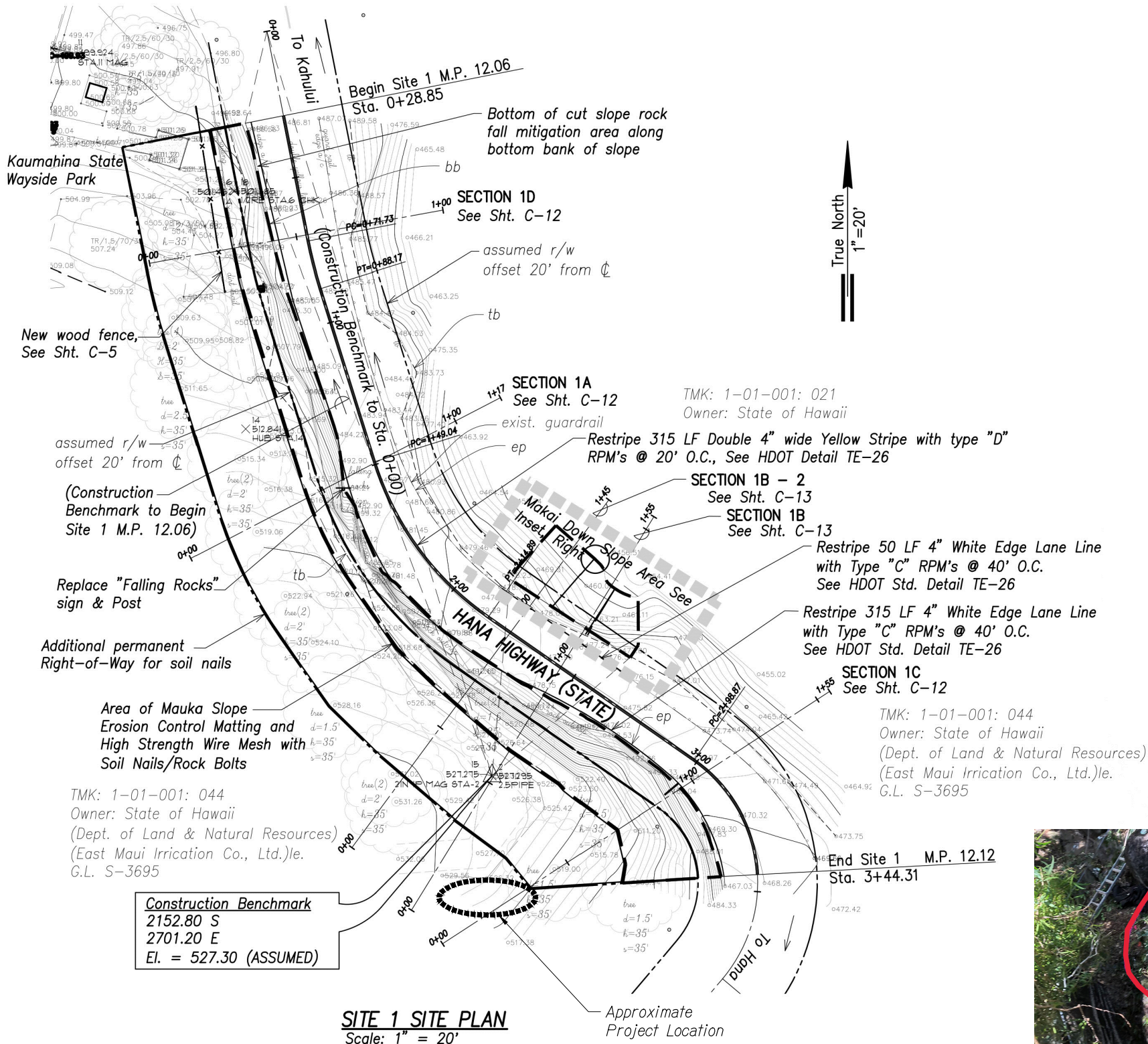


PHOTO 1 – FRACTURED ROCK FACE
OUTCROP
Not to Scale

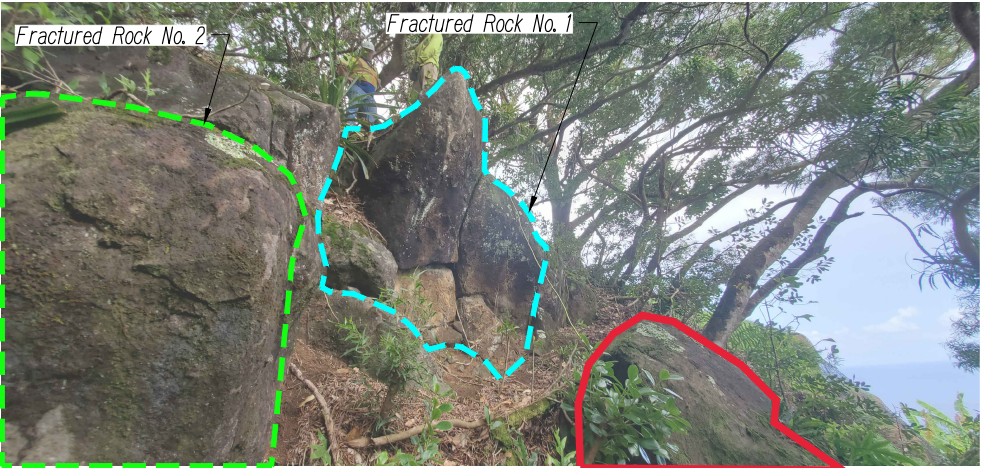


PHOTO 2 – FRACTURED ROCK FACE
OUTCROP
Not to Scale



LOOSE ROCK NO. 3

JOHN Y.L. CHEN

LICENSED PROFESSIONAL ENGINEER

No. 10029-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

John Chen

GEOLABS, INC.

LICENSE EXPIRES 4-30-22

STATE OF HAWAII

HIGHWAYS DIVISION

SITE 1 – SITE PLAN

BOULDER STABILIZATION

HANA HIGHWAY ROCKFALL MITIGATION MP12

Proj. No. 36C-01-10

Scale: As Shown

NOVEMBER 2021

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36C-01-10	2020	14	35

AS-BUILT

Name: *PM*

Date: 10/20/22

*** See Appendix D for revised upper limits.

TMK: 1-01-001: 044
Owner: State of Hawaii
(Dept. of Land & Natural Resources)
(East Maui Irrigation Co., Ltd.)le.
G.L. S-3695

Area of Mauka Slope
Erosion Control Matting and High Strength Wire
Mesh with Soil Nails/Rock Bolts

Additional permanent
Right-of-Way for soil nails

SECTION 2A
See Sht. C-14

Bottom of cut slope
rock fall mitigation
area along bottom
bank of slope

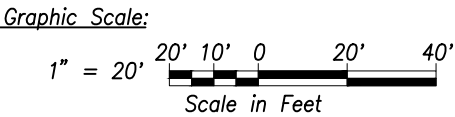
TMK: 1-01-001: 021
Owner: State of Hawaii

SECTION 2B
See Sht. C-14
Restripe 365 LF Double 4" wide Yellow
Stripe with type "D" RPM's @ 20' O.C.
See HDOT Std. Detail TE-26

SECTION 2C
See Sht. C-14
Restripe 365 LF 4" White Edge Lane Line
with Type "C" RPM's @ 40' O.C.
See HDOT Std. Detail TE-26

Note:
Baseline Data for Hana Highway is not
available. The Baseline shown is
assumed and is for this project only.

SITE 2 - SITE PLAN
Scale: 1" = 20'



WALTER G. C. CHONG

LICENSED PROFESSIONAL ENGINEER

No. 6882-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES, ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS."

Walter G. C. Chong

SIGNATURE

4/30/22

LIC. EXPIRATION

R. M. TOWILL CORPORATION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SITE 2 - SITE PLAN

HANA HIGHWAY ROCKFALL MITIGATION MP12

PROJECT NO. 36C-01-10

Scale: 1"=20'

MARCH 2020

SHEET No. C-7 OF 35 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36C-01-10	2020	15	35

AS-BUILT
Name: *[Signature]*
Date: 10/20/22

*** See Appendix E for revised upper limits.

TMK: 1-01-001: 044
Owner: State of Hawaii
(Dept. of Land & Natural Resources)
(East Maui Irrigation Co., Ltd.)le.
G.L. S-3695

Area of Mauka Slope
Erosion Control Matting and
High Strength Wire Mesh
with Soil Nails

Additional permanent
Right-of-Way for soil nails

SECTION 3A
See Sht. C-15

Restripe 340 LF Double 4" wide Yellow
Stripe with type "D" RPM's @ 20' O.C.
See Std. Detail TE-26

Restripe 340 LF 4" White Edge Lane Line
with Type "C" RPM's @ 40' O.C.
See HDOT Std. Detail TE-26

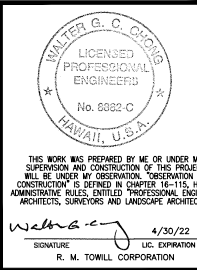
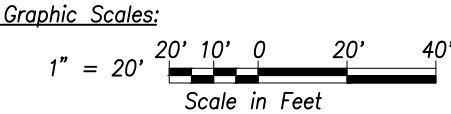
TMK: 1-01-001: 021
Owner: State of Hawaii

Bottom of cut slope rock
fall mitigation along
bottom bank of slope

SECTION 3B
See Sht. C-15

SECTION 3C
See Sht. C-15

Note:
Baseline Data for Hana Highway is not
available. The Baseline shown is
assumed and is for this project only.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE 3 - SITE PLAN

HANA HIGHWAY ROCKFALL
MITIGATION MP12
PROJECT NO. 36C-01-10

Scale: 1"=20' MARCH 2020

SHEET No. C-8 OF 35 SHEETS

"AS-BUILT"