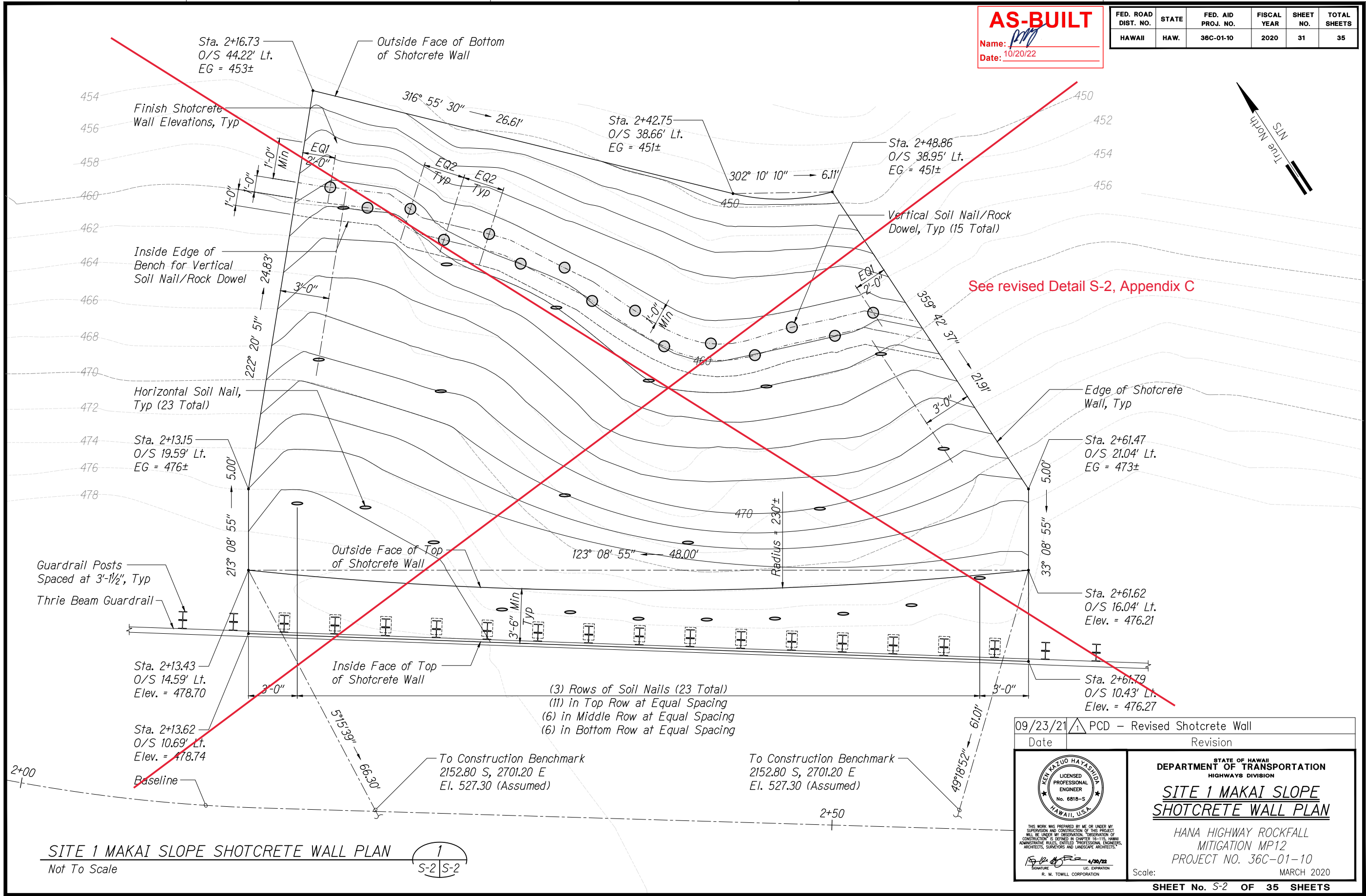


PROJECT: 36C-01-10, HAWAIIAN ISLANDS, HAWAII
DATE: 10/20/22
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 10/20/22

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NO.	



AS-BUILT
Name: [Signature]
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	31	35

See revised Detail S-2, Appendix C

09/23/21
Date

PCD - Revised Shotcrete Wall
Revision

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

Signature: [Signature]
LIC. EXPIRATION: 1/30/22
R. M. TOWILL CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**SITE 1 MAKAI SLOPE
SHOTCRETE WALL PLAN**

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

Scale: [Blank]
MARCH 2020

"AS-BUILT"

APPENDIX C

Horizontal Anchors

Row A - 11 Anchors, 20' depth, 15°

Row B - 6 Anchors, 20' depth, 15°

Row C - 6 Anchors, 20' depth, 15°

Revised anchor locations

*10' max vertical & horizontal spacing,
3' max from edge of wall

Vertical Anchors

Row V - 15 Anchors, 15' depth, 90°

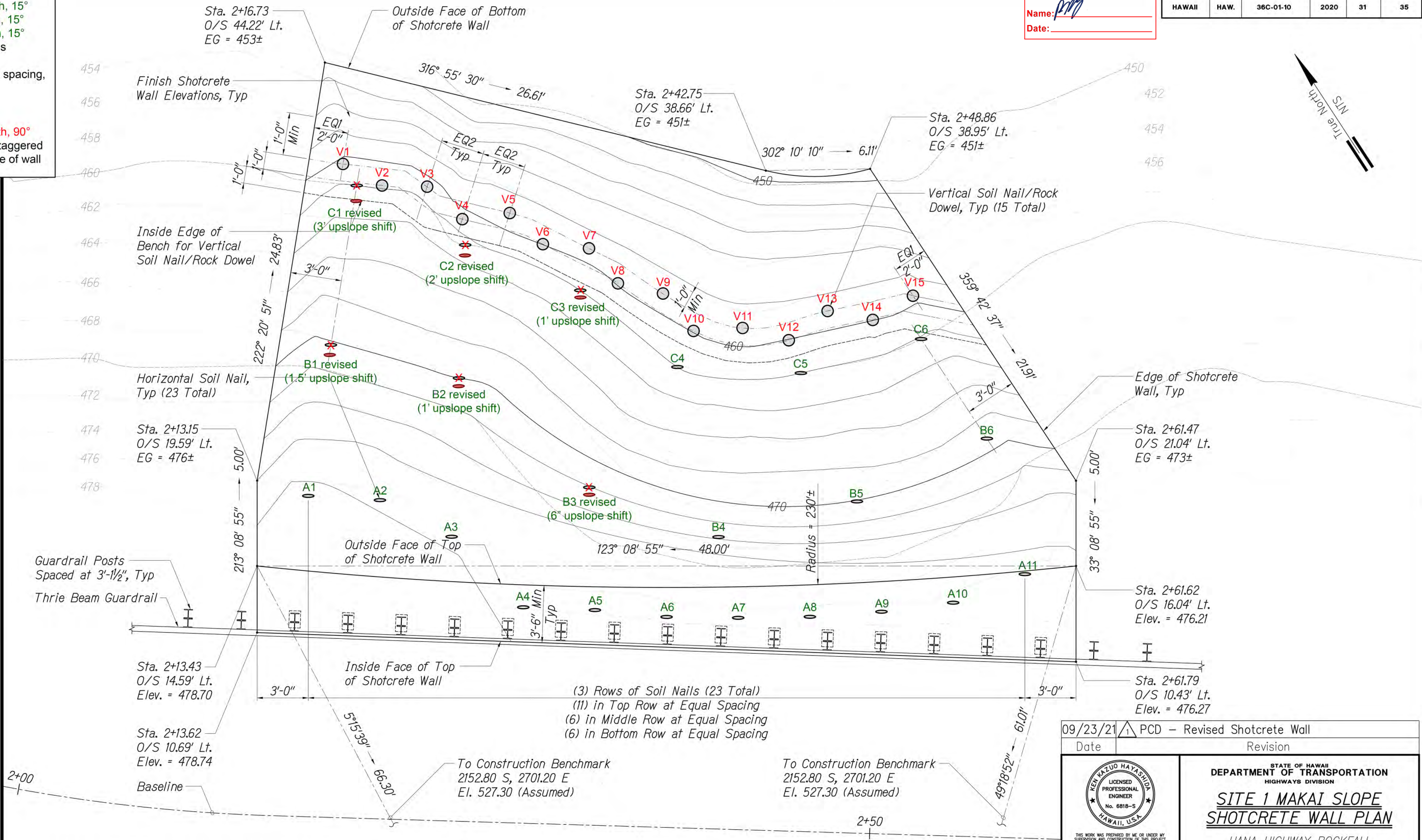
*5' max horizontal spacing, staggered
1' vertically, 2' max from edge of wall

AS-BUILT

Name: PM

Date: _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36C-01-10	2020	31	35



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
NO.	

SITE 1 MAKAI SLOPE SHOTCRETE WALL PLAN
Not To Scale

09/23/21

PCD - Revised Shotcrete Wall

Date

Revision

KEI KAZUO HAYASHIDA
LICENSED PROFESSIONAL ENGINEER
No. 6818-S
HAWAII, U.S.A.

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4/30/22

R. M. TOWILL CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE 1 MAKAI SLOPE
SHOTCRETE WALL PLAN

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

Scale:

MARCH 2020

SHEET No. S-2 OF 35 SHEETS

"AS-BUILT"