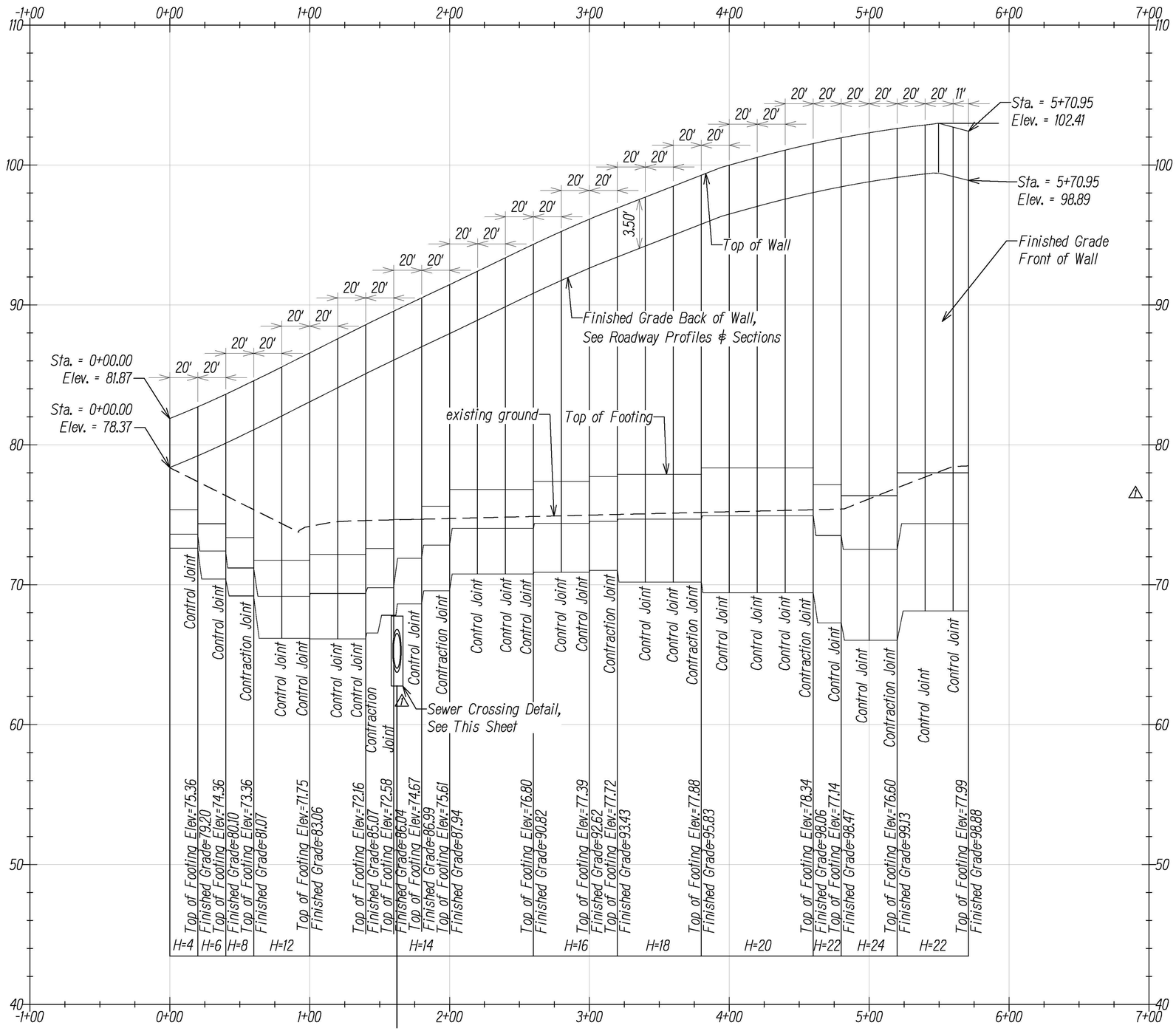
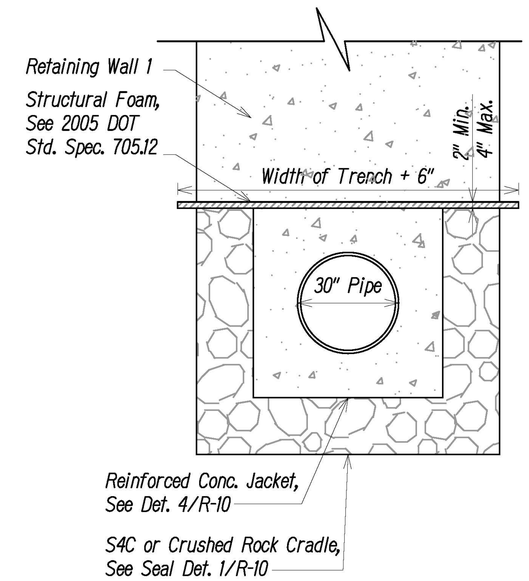
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H1-1(271)	2022	ADD. 99	167



RETAINING WALL 1 PROFILE

Scale: Horiz: 1" = 40'
Vert: 1" = 8'



Notes:

1. Retaining Wall concrete to be poured over structural foam.
2. Structural Foam to be wider than trench to extend beyond width of concrete.

SEWER CROSSING DETAIL

Scale: 1" = 2'

1 / RW-1

Graphic Scale

1" = 40' 40' 20' 0 40' 80'

1" = 8' 8' 4' 0 8' 16'

DATE	REVISION
10/21/2022	Revised sewer crossing location

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RETAINING WALL PROFILES 1

INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-H1-1(271)

Scale: As Noted Date: August 2022

CHRISTOPHER H. BALL
LICENSED PROFESSIONAL ENGINEER
No. 12144-C
HAWAII, U.S.A.

This work was prepared by me or under my supervision

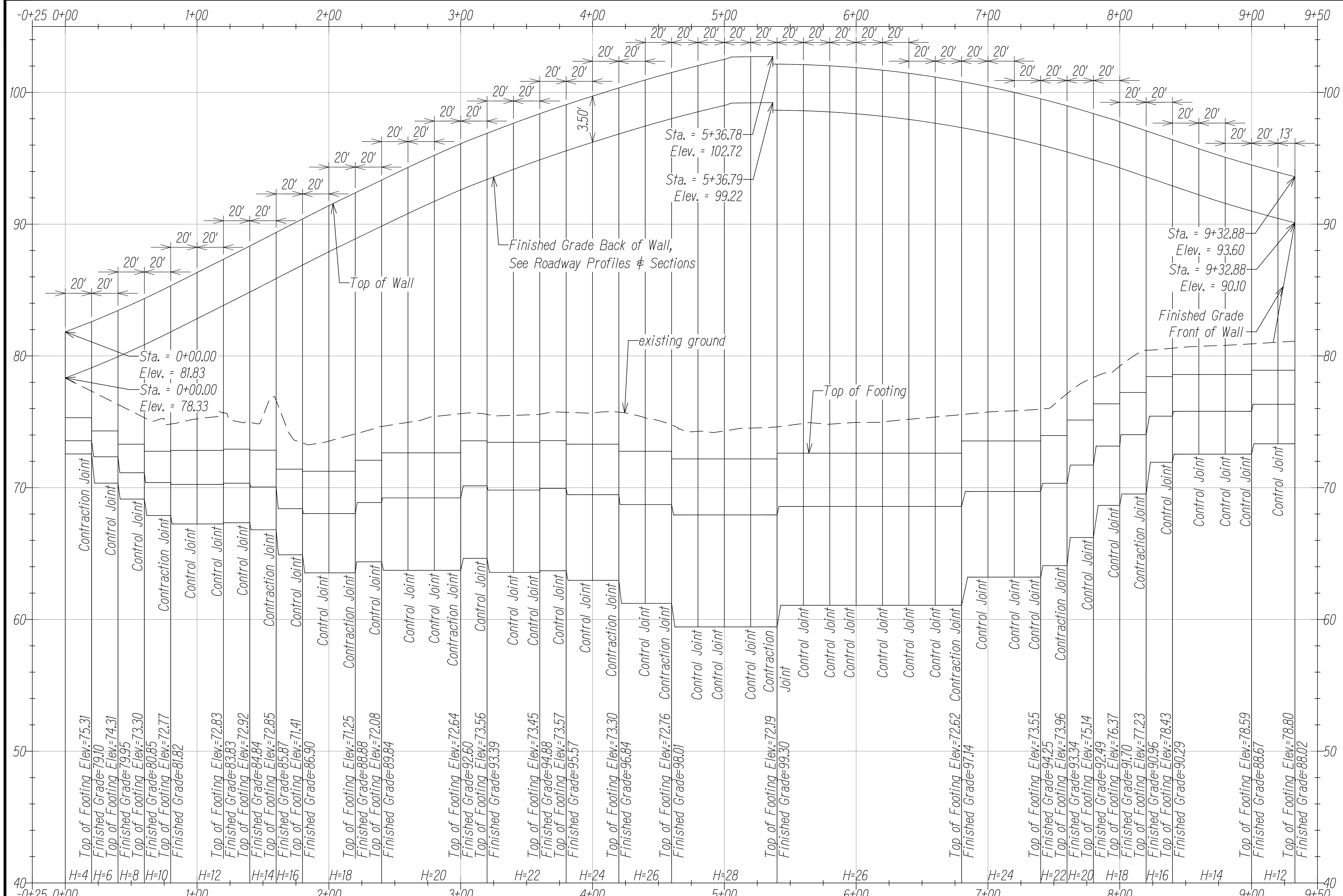
Chris Ball 4/30/2024
MITSUNAGA & ASSOCIATES, INC. EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

SHEET No. RW-1 OF 167 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H1-1(271)	2022	100	167



RETAINING WALL 2 PROFILE

Scale: Hori: 1" = 40'
Vert: 1" = 8'

Graphic Scale

1" = 40' 40' 20' 0 40' 80'

1" = 8' 8' 4' 0 8' 16'

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

CHRISTOPHER H. BALL
LICENSED PROFESSIONAL ENGINEER
No. 12144-C
HAWAII, U.S.A.

This work was prepared by me or under my supervision

Chris Ball

MITSUNAGA & ASSOCIATES, INC. 4/30/2024 EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RETAINING WALL PROFILES 2

INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-H1-1(271)

Scale: As Noted Date: August 2022

SHEET No. **RW-2** OF **167** SHEETS