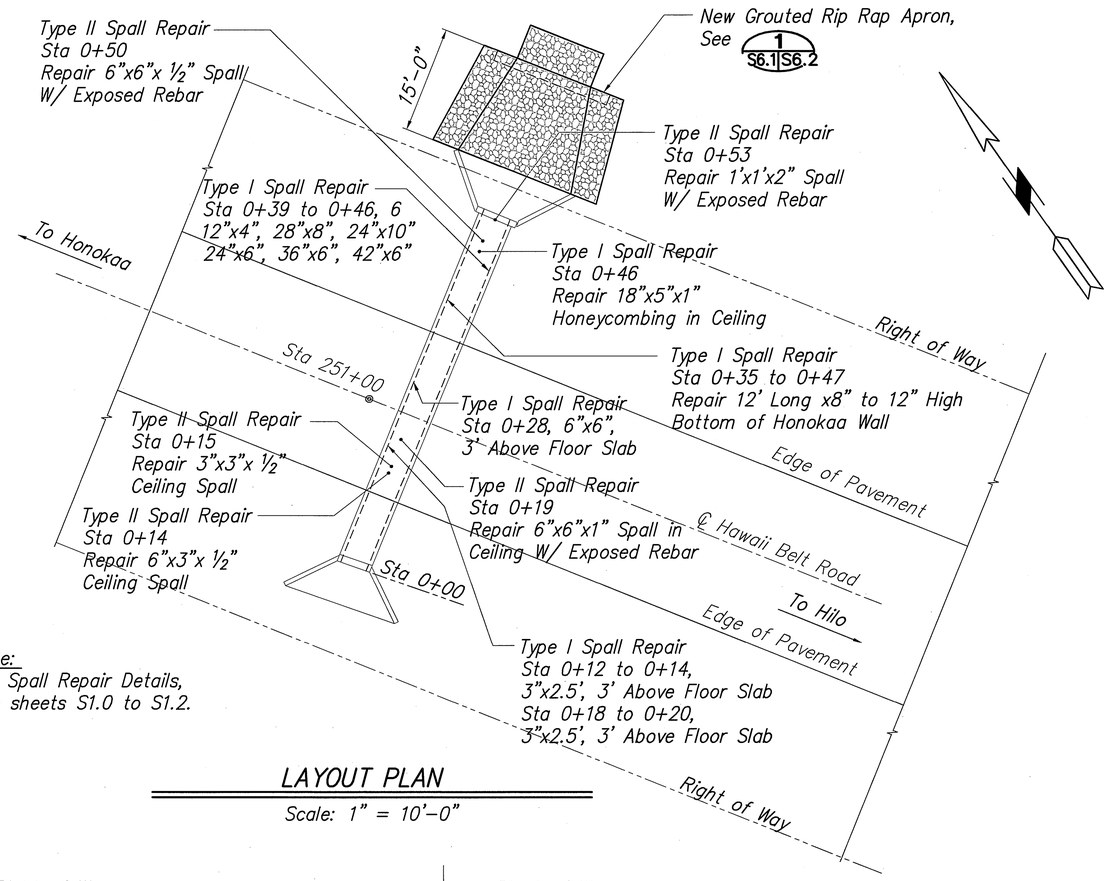
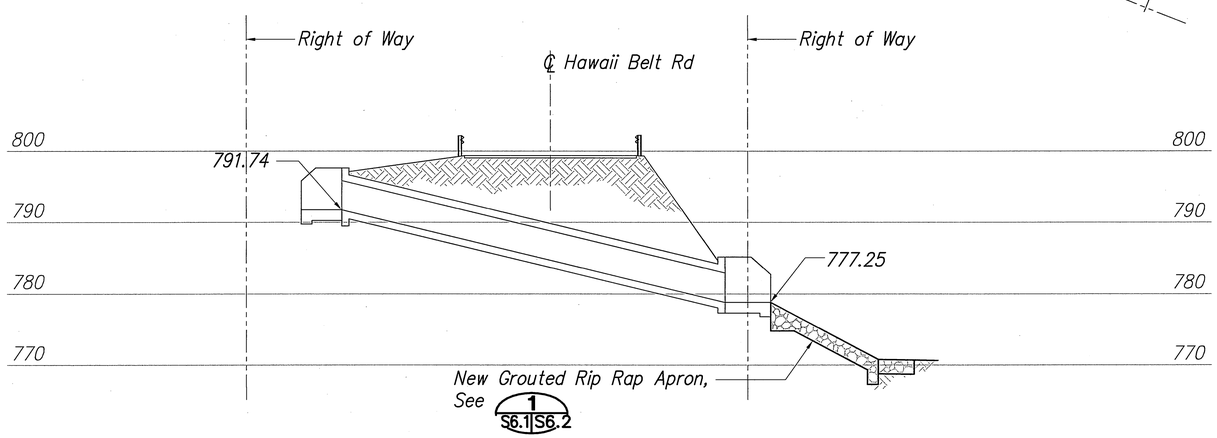
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19FGH-01-07M	2008	39	51



Note:
For Spall Repair Details,
See sheets S1.0 to S1.2.

LAYOUT PLAN

Scale: 1" = 10'-0"



SECTION ALONG ℄ CULVERT

Scale: 1" = 10'-0"

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

REDUCED PLAN
(HALF SIZE)
0 1 2 3
3 INCHES ON ORIGINAL PLAN

0' 10' 20' 30'
1" = 10'

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

EXPIRATION DATE OF THE LICENSE 4/30/2008
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

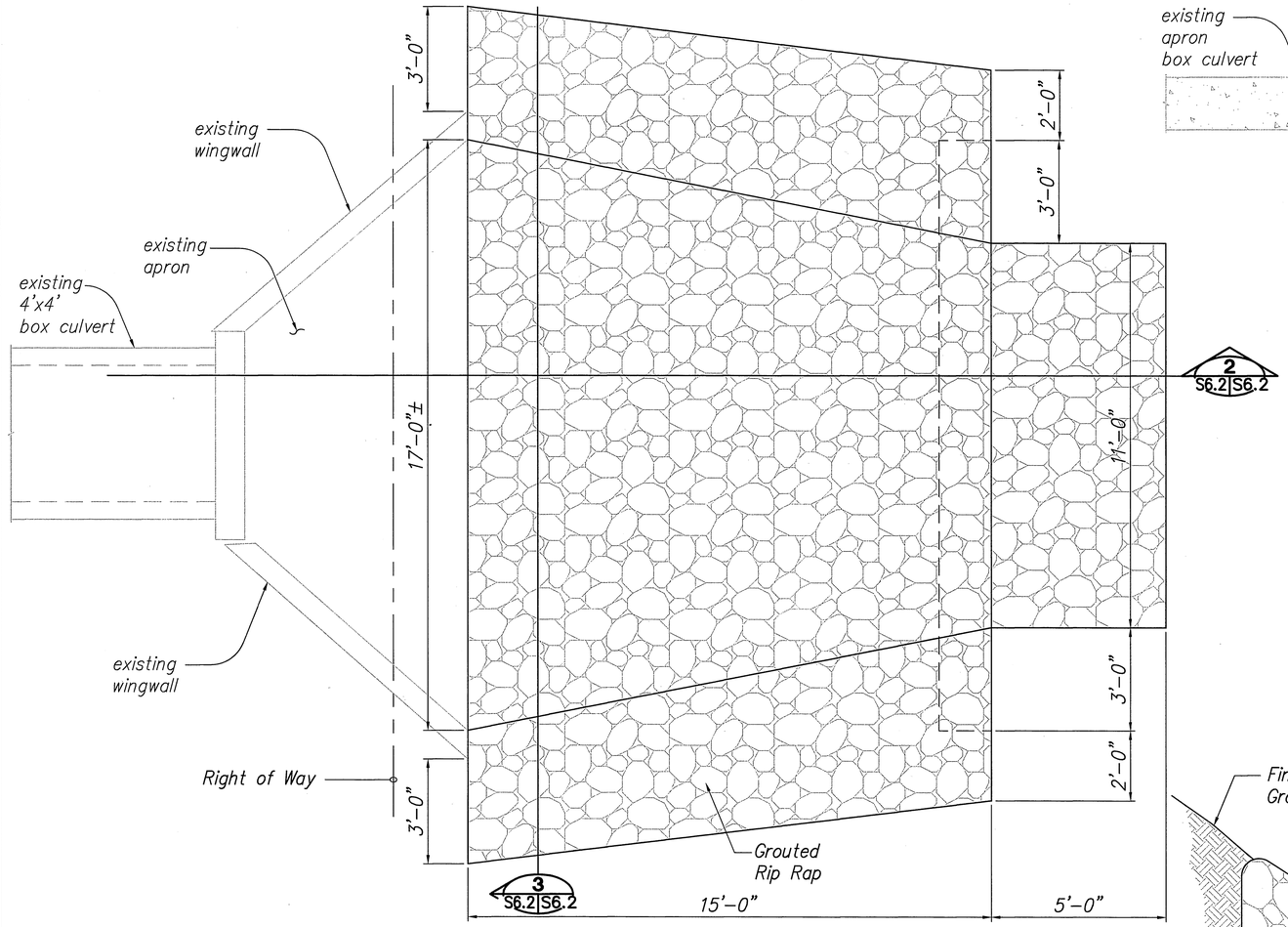
M.P. 31.45 CULVERT PLAN AND PROFILE

HAWAII BELT ROAD DRAINAGE IMPROVEMENTS
Project No. 19FGH-01-07M

Scale: AS NOTED Date: APRIL 2007

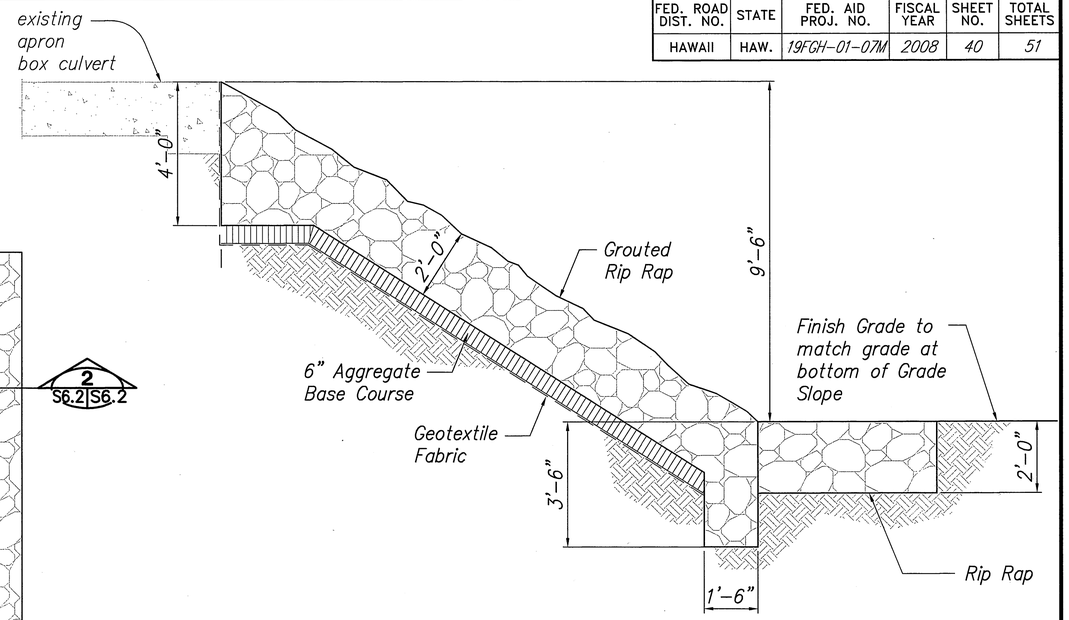
SHEET No. S6.1 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19FGH-01-07M	2008	40	51



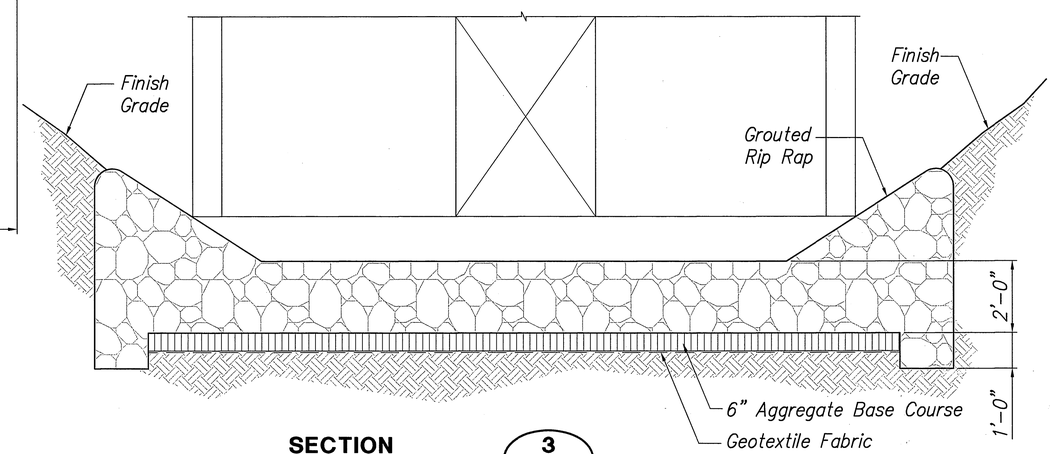
CULVERT OUTLET PLAN VIEW (1 / S6.1 S6.2)

Scale: 1/2" = 1'-0"



SECTION (2 / S6.2 S6.2)

Scale: 1/2" = 1'-0"



SECTION (3 / S6.2 S6.2)

Scale: 1/2" = 1'-0"

REDUCED PLAN
(HALF SIZE)
0 1 2 3
3 INCHES ON ORIGINAL PLAN

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

EXPIRATION DATE OF THE LICENSE 4/30/2008
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MP 31.45 CULVERT OUTLET APRON DETAIL

HAWAII BELT ROAD DRAINAGE IMPROVEMENTS
Project No. 19FGH-01-07M

Scale: AS NOTED Date: 27 APRIL 2007

SHEET No. S6.2 OF 51 SHEETS

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