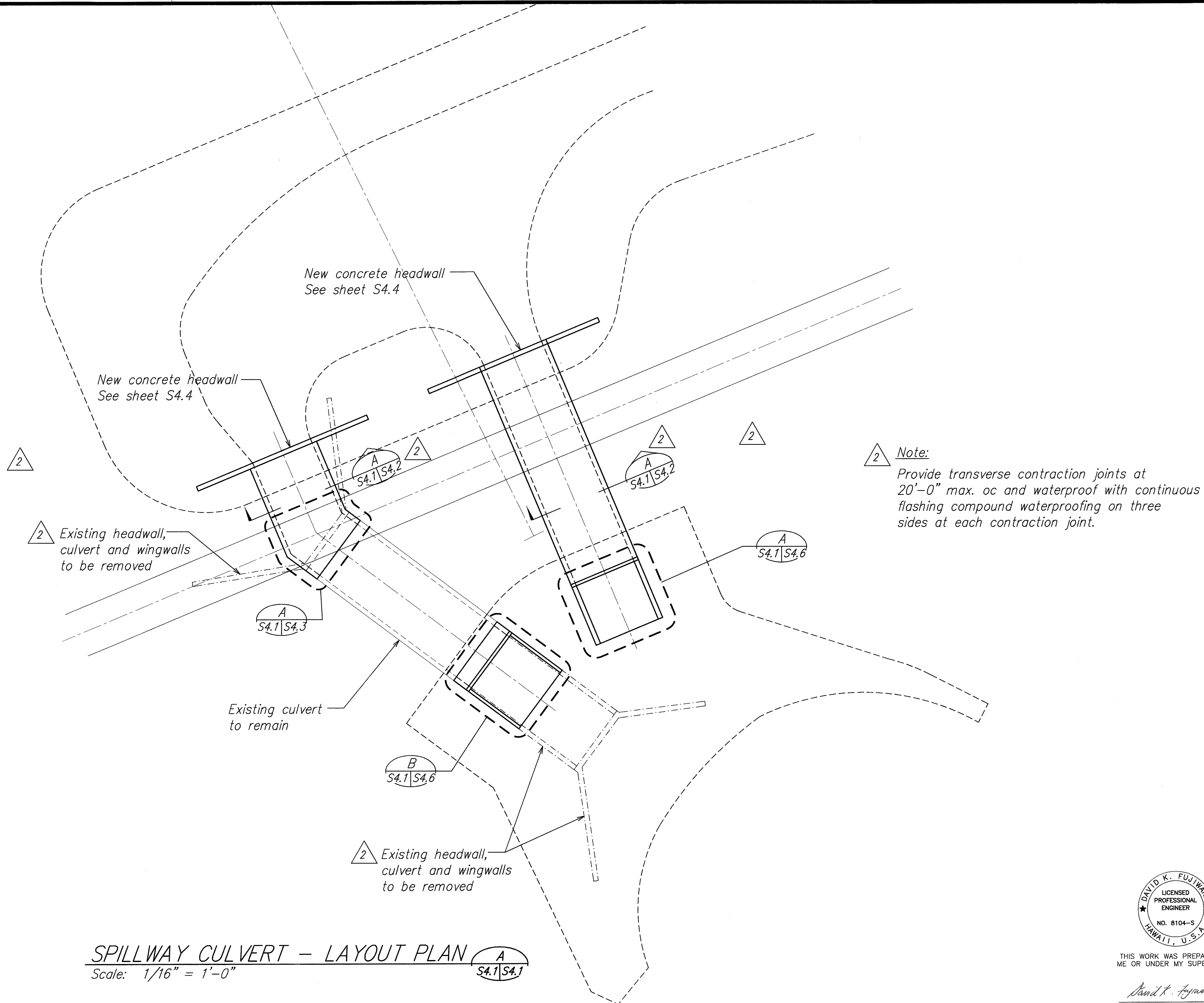
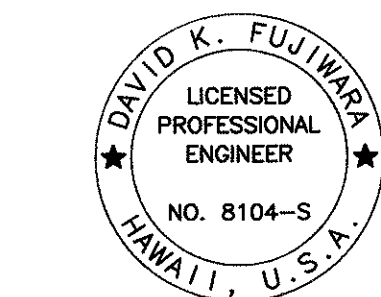


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 218	331



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

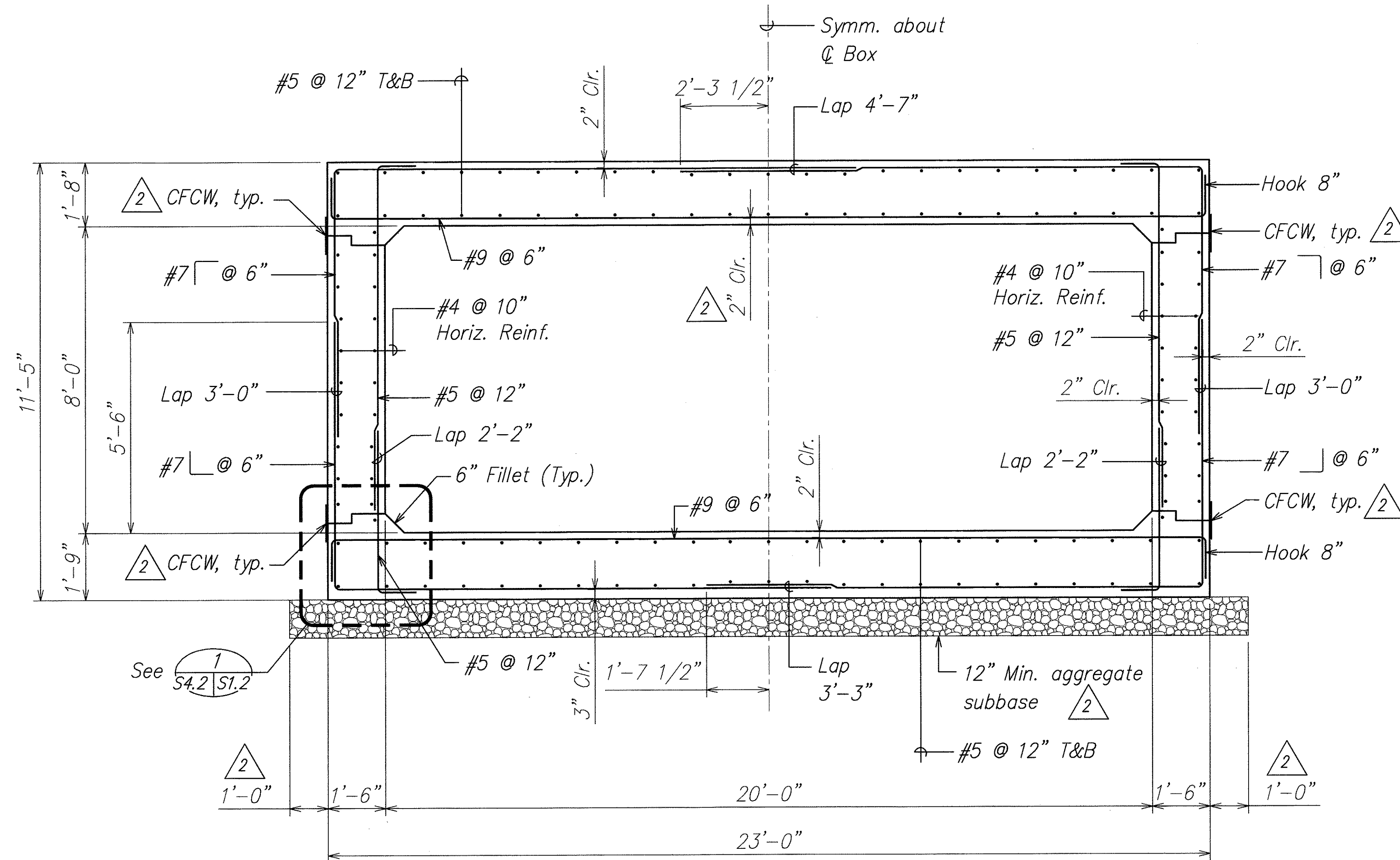


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ME OR UNDER MY SUPERVISION.

David K. Fujiwara
SIGNATURE
EXPIRATION DATE OF THE LICENSE

5/11/07	2	Add, Delete and Revise Notes, Add Section Cuts
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>BASIN SPILLWAY CULVERT</u> <u>LAYOUT PLAN</u> <u>North-South Road</u> <u>Phase 1B</u> <u>F.A.I. Proj. No. STP-8930(2)</u> Scale: As Noted Date: Feb. 21, 2007		
SHEET No. S4.1 OF 78 SHEETS		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 219	331

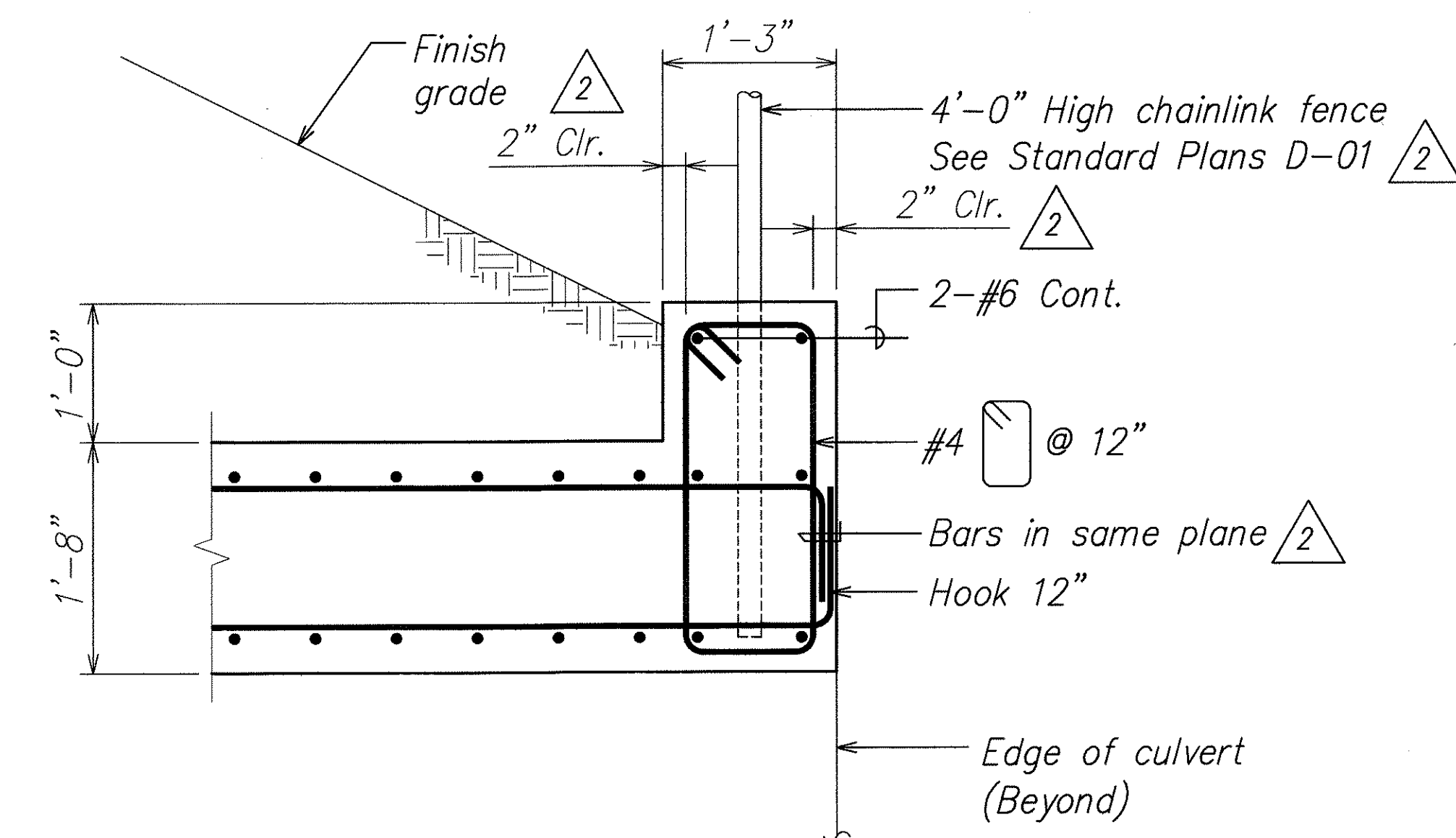


BASIN SPILLWAY CULVERT - TYPICAL SECTION

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

S4.1 | S4.2

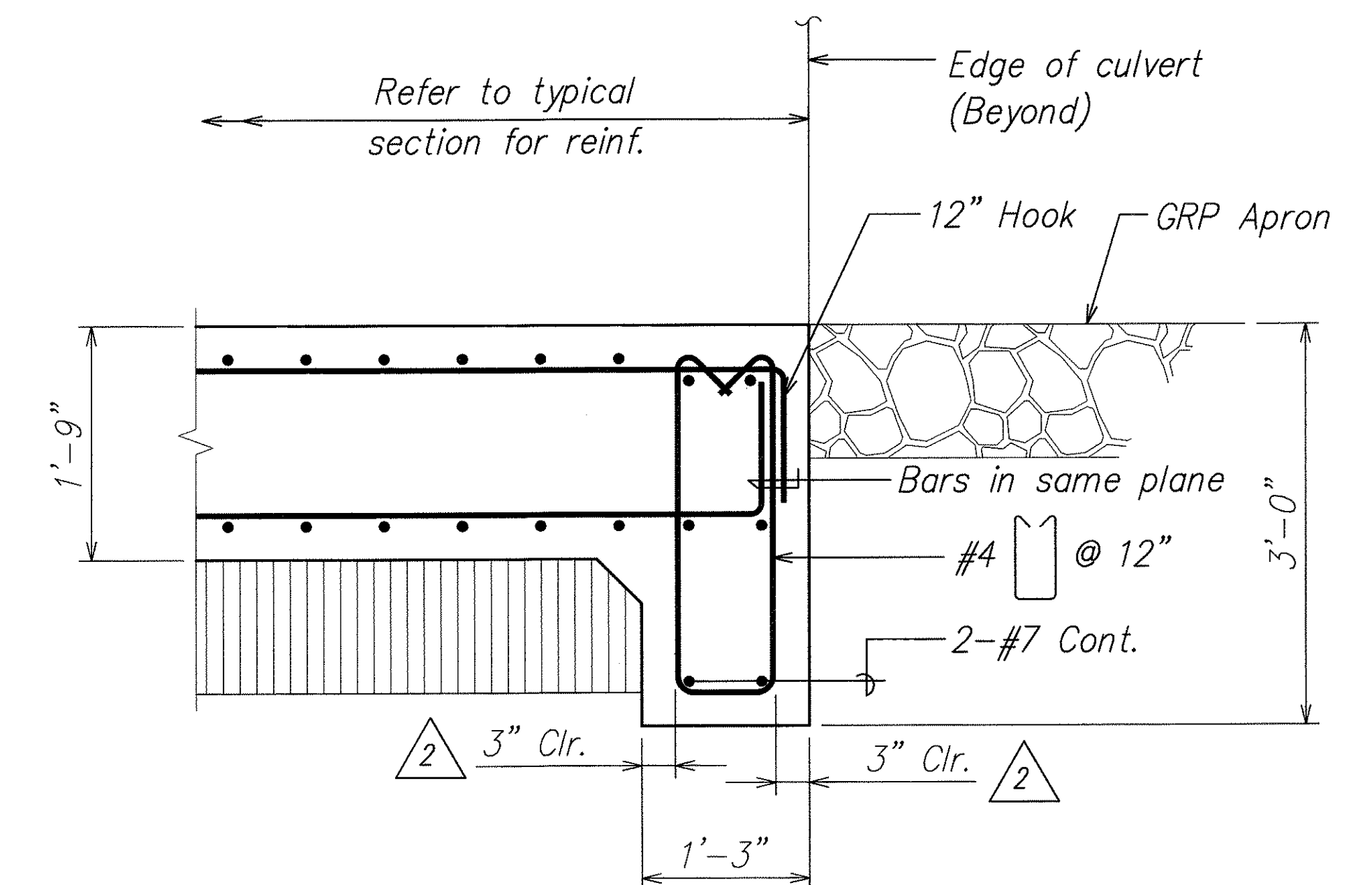
S4.3, S4.6



SECTION
Scale: 1" = 1'-0"

B
S4.6 | S4.2
S4.4

2



SECTION

Scale: 1" = 1'-0"

2

C

S4.4 | S4.2

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

5/11/07	2 Revised and Added Notes, Added Dimensions and Aggregate Subbase
DATE	REVISION



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Darrin K. Ferguson 4-30-08
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
BASIN SPILLWAY CULVERT
TYPICAL SECTIONS
North-South Road
Phase 1B

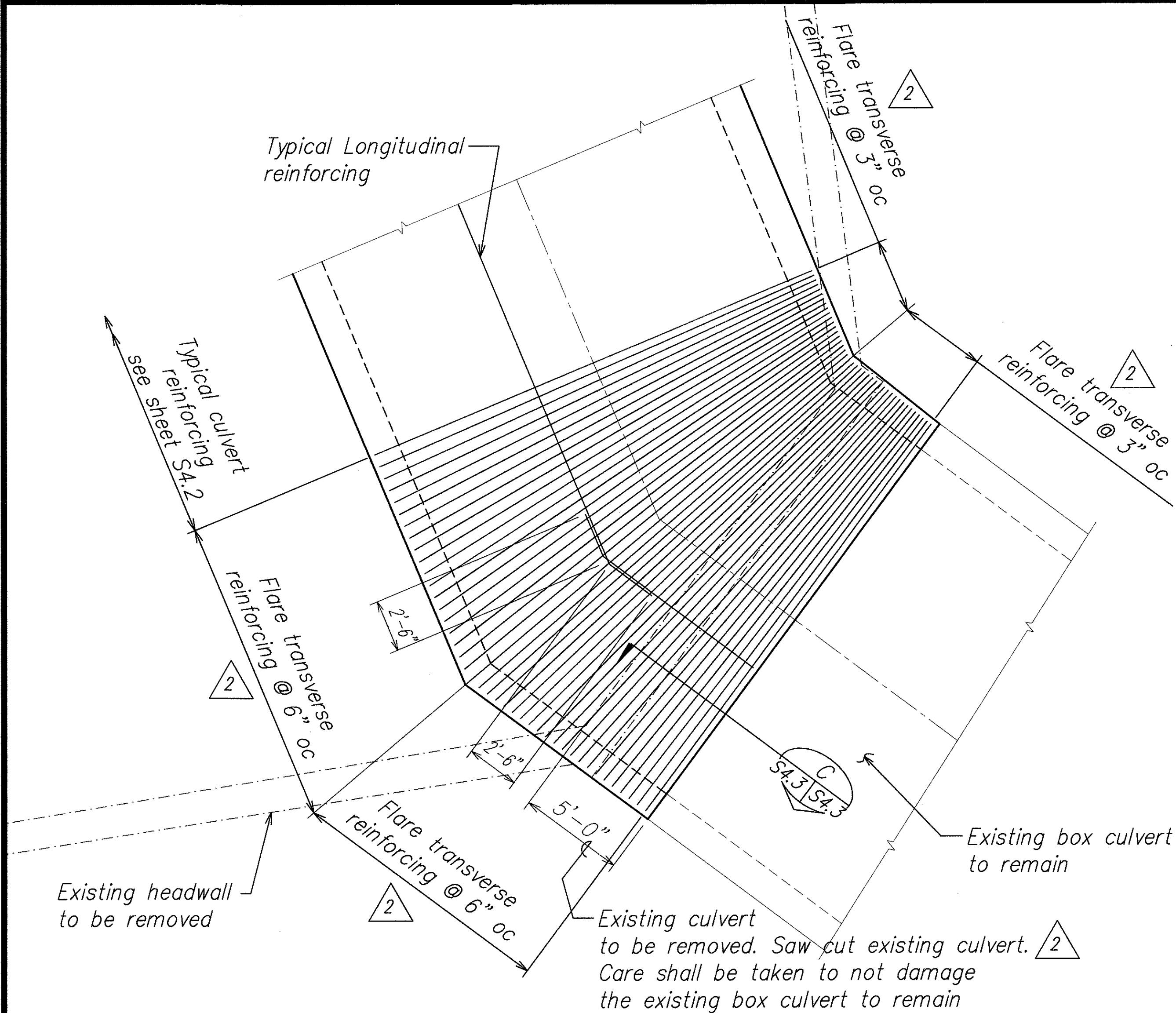
F.A.I. Proj. No. STP-8930(2)

Scale: As Noted Date: Feb. 21, 2007

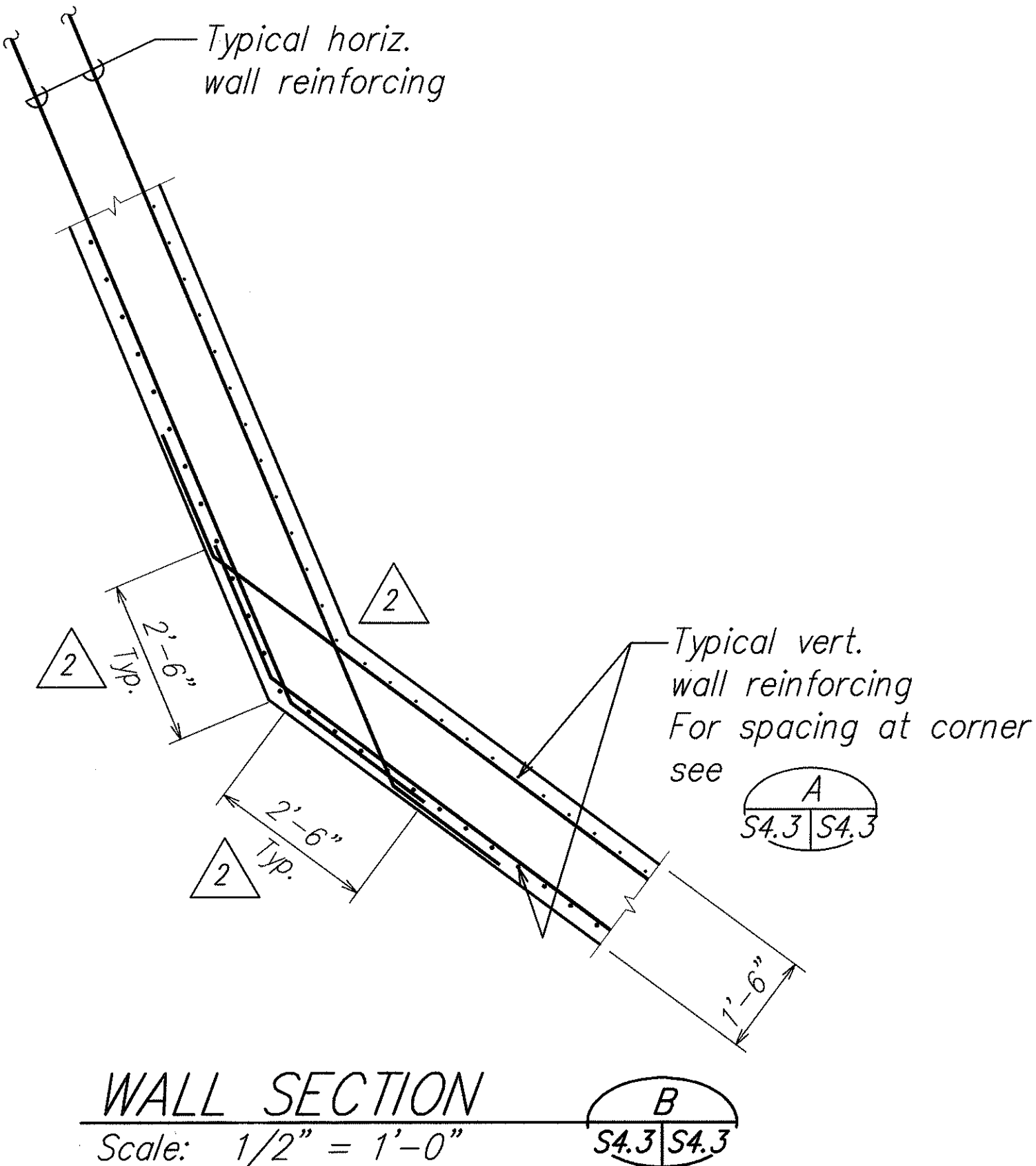
SHEET No. 54.2 OF 78 SHEETS

ADD. 219

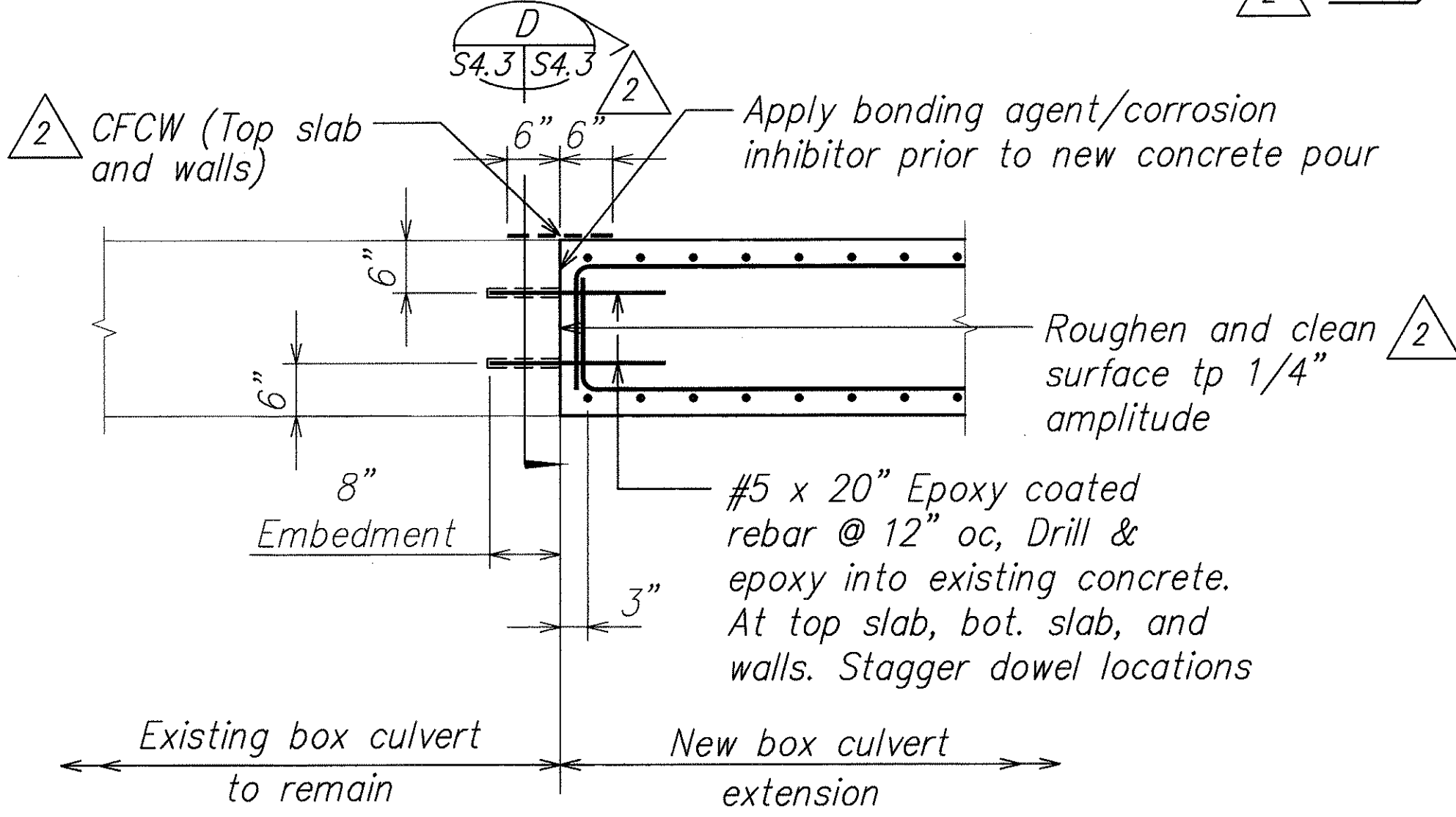
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 220	331



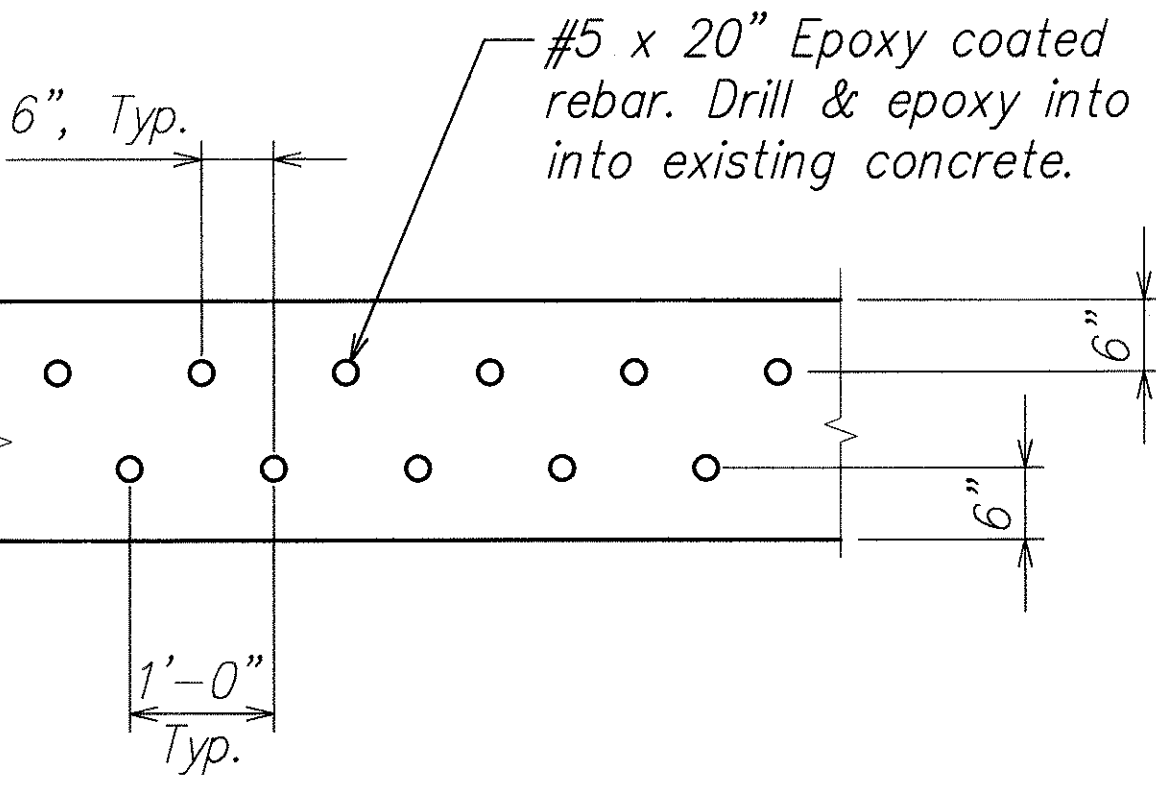
PARTIAL PLAN SLAB REINFORCING
 Scale: 1/4" = 1'-0"
 S4.3 S4.1 S4.3



WALL SECTION
 Scale: 1/2" = 1'-0"
 S4.3 S4.3

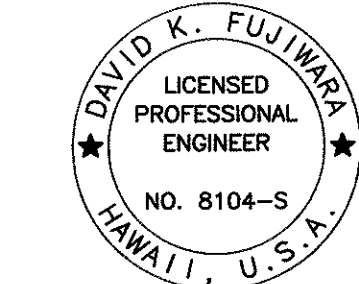


EXISTING CULVERT/NEW CULVERT DETAIL
 Scale: 3/4" = 1'-0"
 S4.6 S4.3 S4.3



SECTION
 Scale: 3/4" = 1'-0"
 S4.3 S4.3

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



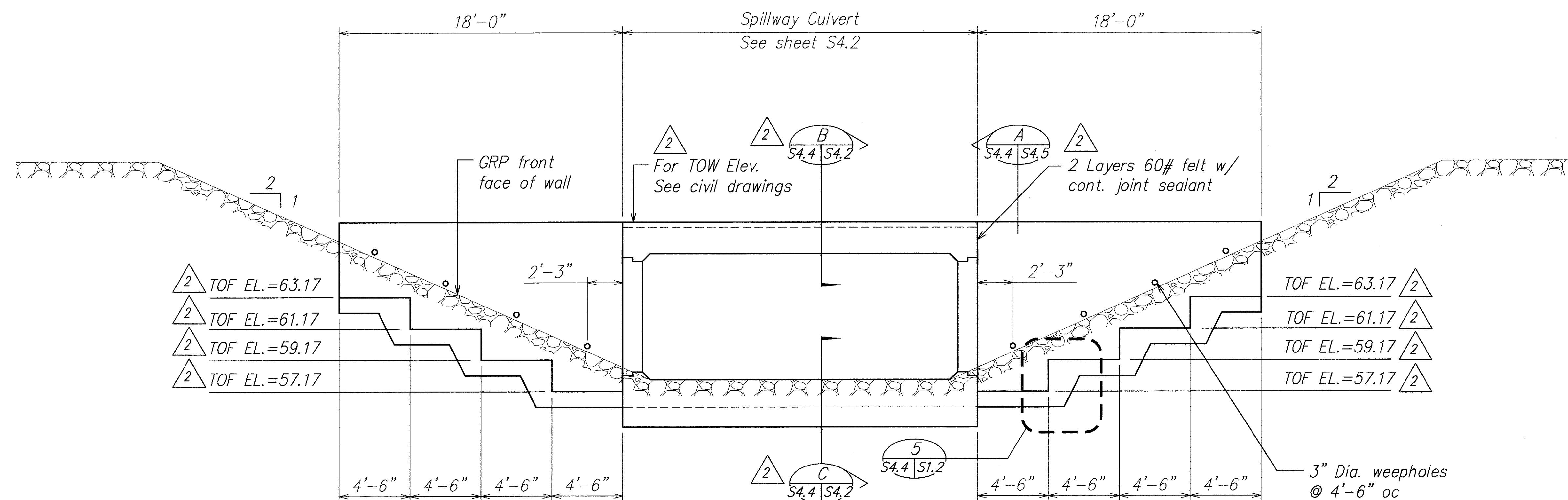
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: David K. Fujiwara
 EXPIRATION DATE OF THE LICENSE: 4-30-08

5/11/07	2	Revised and Added Notes. Revised Reinforcing
DATE	REVISION	

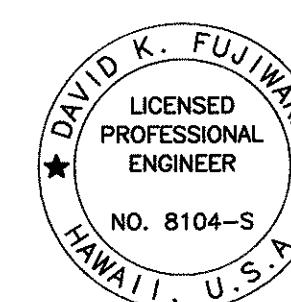
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
BASIN SPILLWAY CULVERT
PARTIAL SLAB REINFORCING AND SECTIONS
North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)
Scale: As Noted Date: Feb. 21, 2007
SHEET No. S4.3 OF 78 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 221	331



BASIN SPILLWAY CULVERT - INLET ELEVATION A
Scale: 1/4" = 1'-0" S4.1 S4.

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



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David K. Feyman 4-30-08
SIGNATURE EXPIRATION DATE OF THE LICENSE

5/11/07	2	<i>Revised and Added Notes</i>
DATE	REVISION	

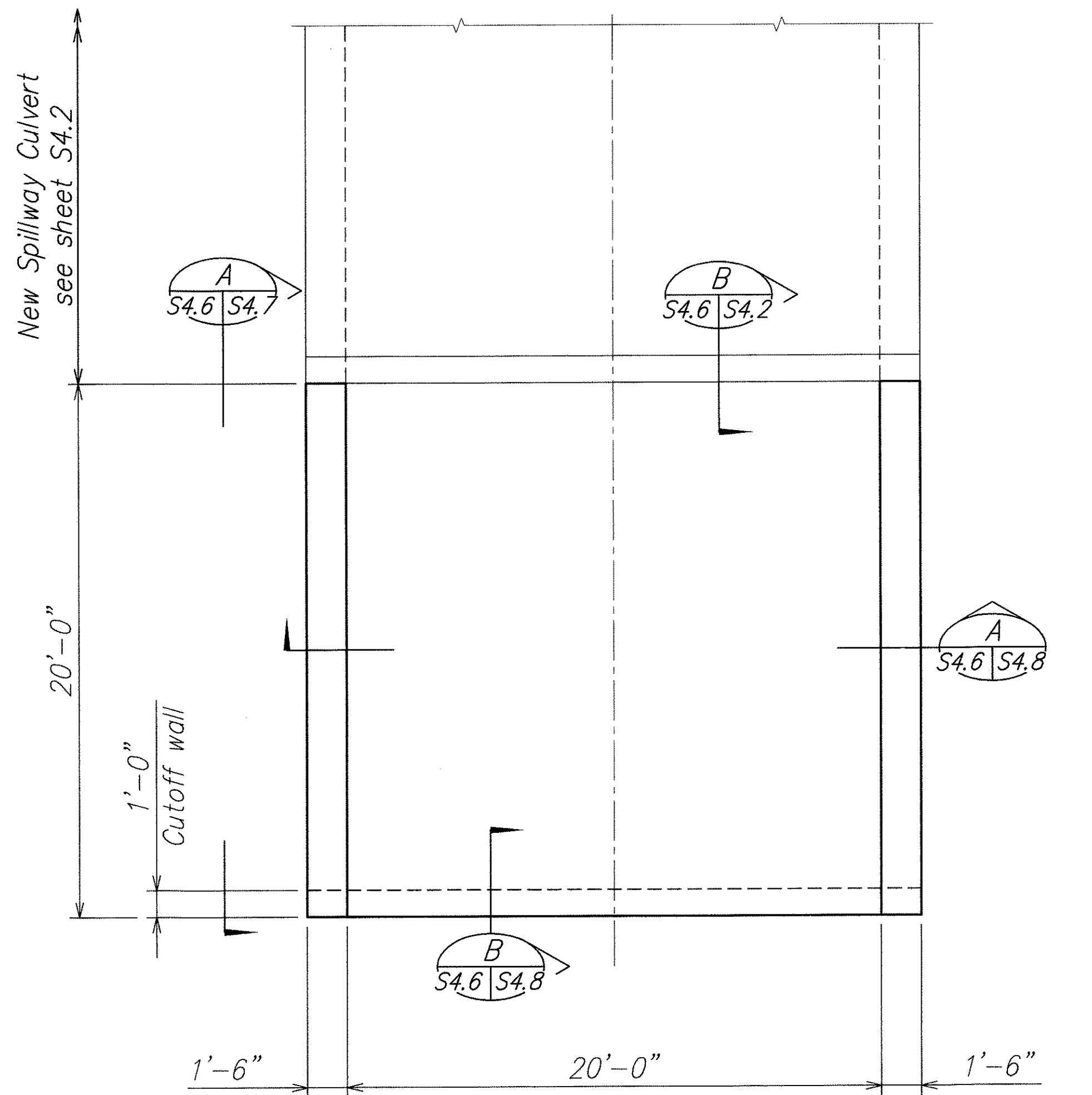
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPILLWAY CULVERT
INLET ELEVATION
North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

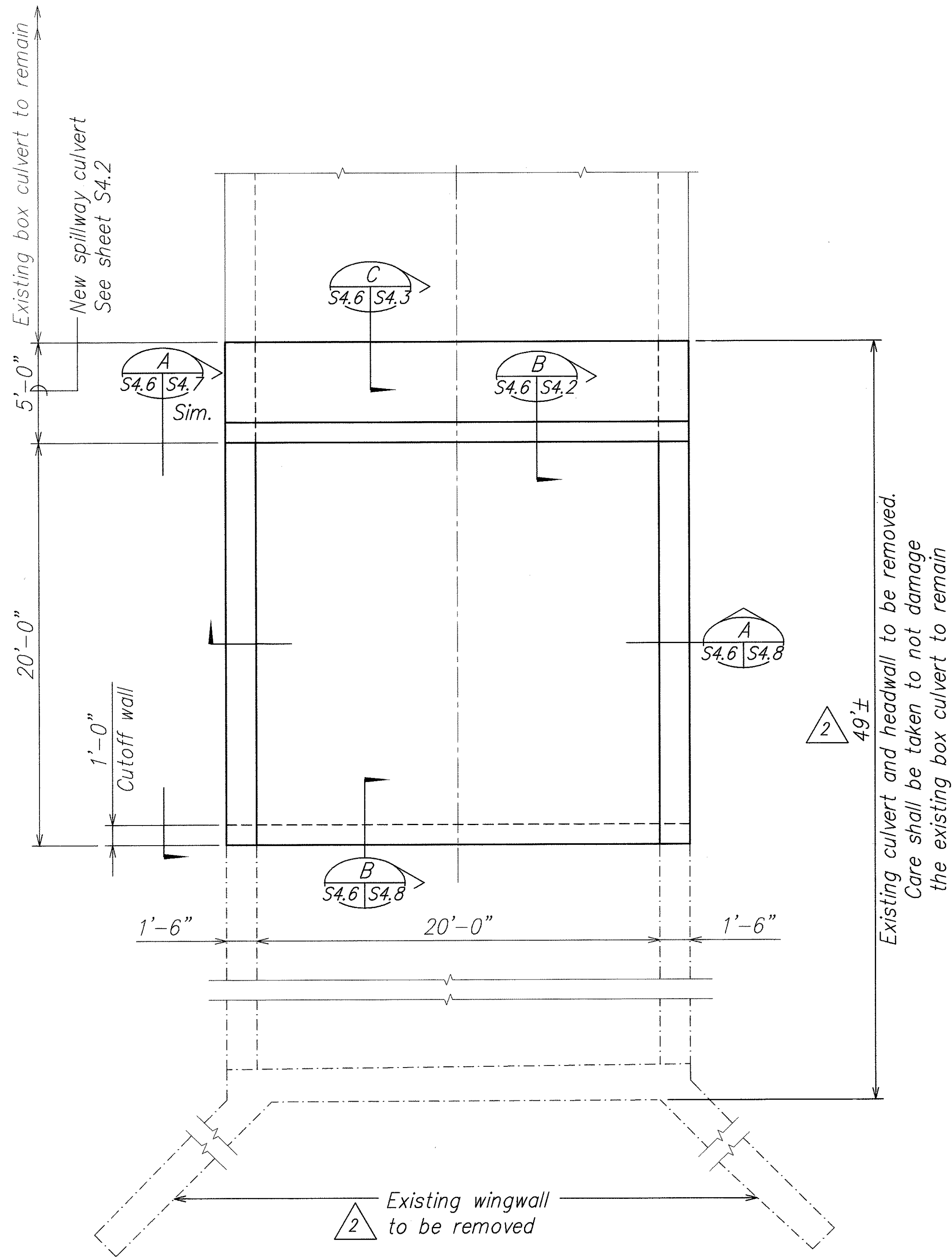
Scale: As Noted *Date: Feb. 21, 2007*

SHEET No. 54.4 OF 78 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 223	331

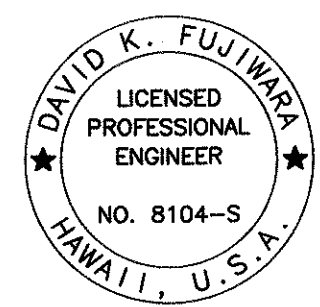


BASIN SPILLWAY CULVERT OUTLET PLAN A
Scale: 1/4" = 1'-0" S4.1/S4.6



BASIN SPILLWAY CULVERT OUTLET PLAN B
Scale: 1/4" = 1'-0" S4.1/S4.6

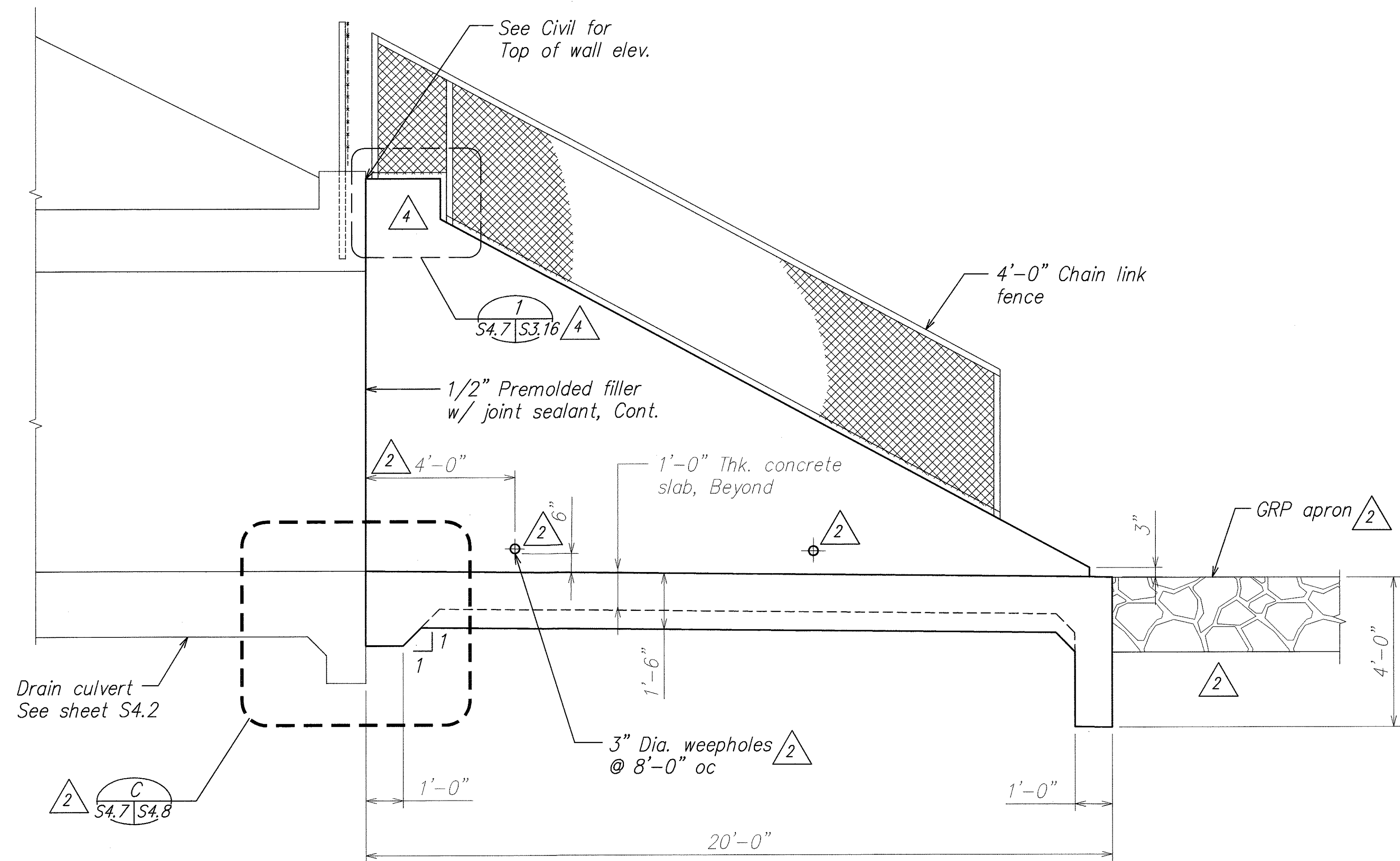
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	



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David K. Fujiwara
SIGNATURE EXPIRATION DATE OF THE LICENSE 4-30-08

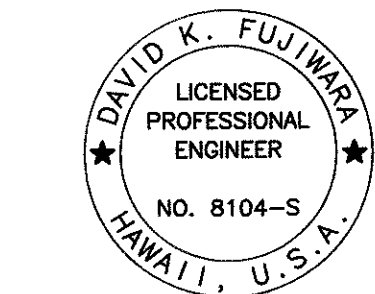
5/11/07	2	Revised Dimension and Added Notes
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>BASIN SPILLWAY CULVERT</u> <u>OUTLET PLAN</u> <u>North-South Road</u> <u>Phase 1B</u> <u>F.A.I. Proj. No. STP-8930(2)</u> Scale: As Noted Date: Feb. 21, 2007 SHEET No. S4.6 OF 78 SHEETS		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 224	331



BASIN SPILLWAY CULVERT – OUTLET ELEVATION
 Scale: 1/2" = 1'-0"

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



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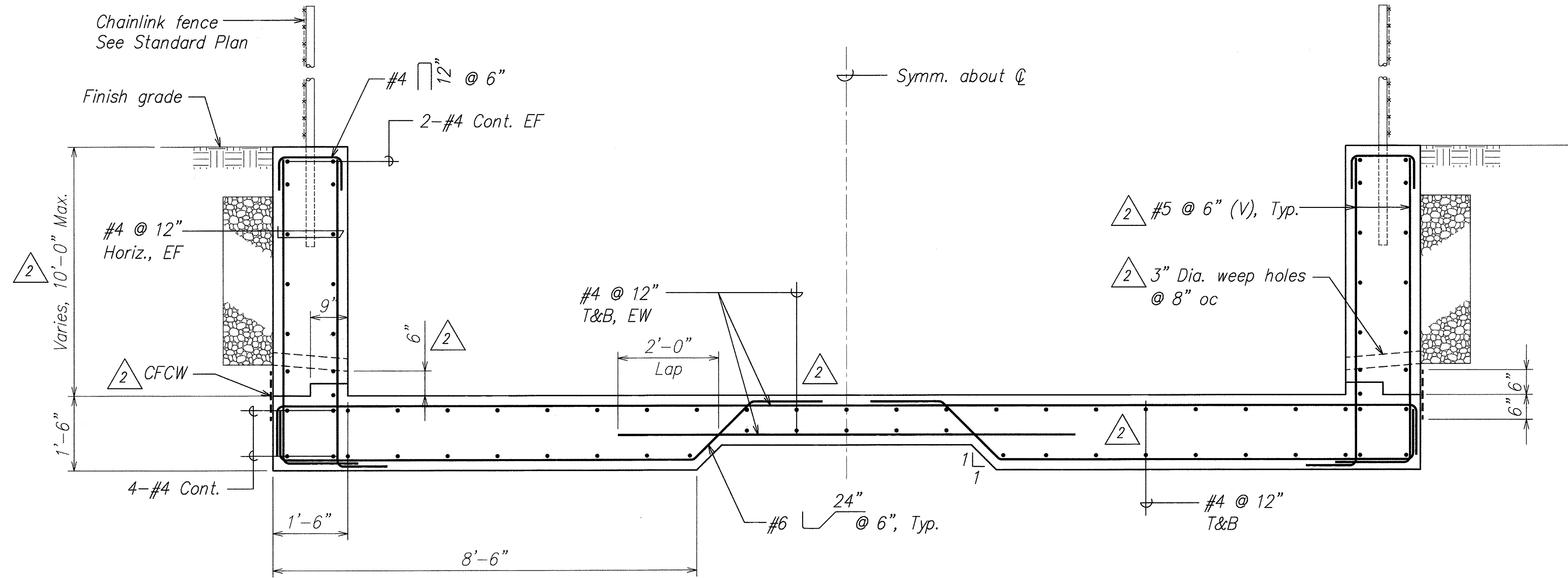
Signature: *David K. Fujiwara* 4-30-08
 EXPIRATION DATE OF THE LICENSE

5/31/07	4	Added Shelf
5/11/07	2	Revised and Added Notes, Added Weepholes
DATE	REVISION	

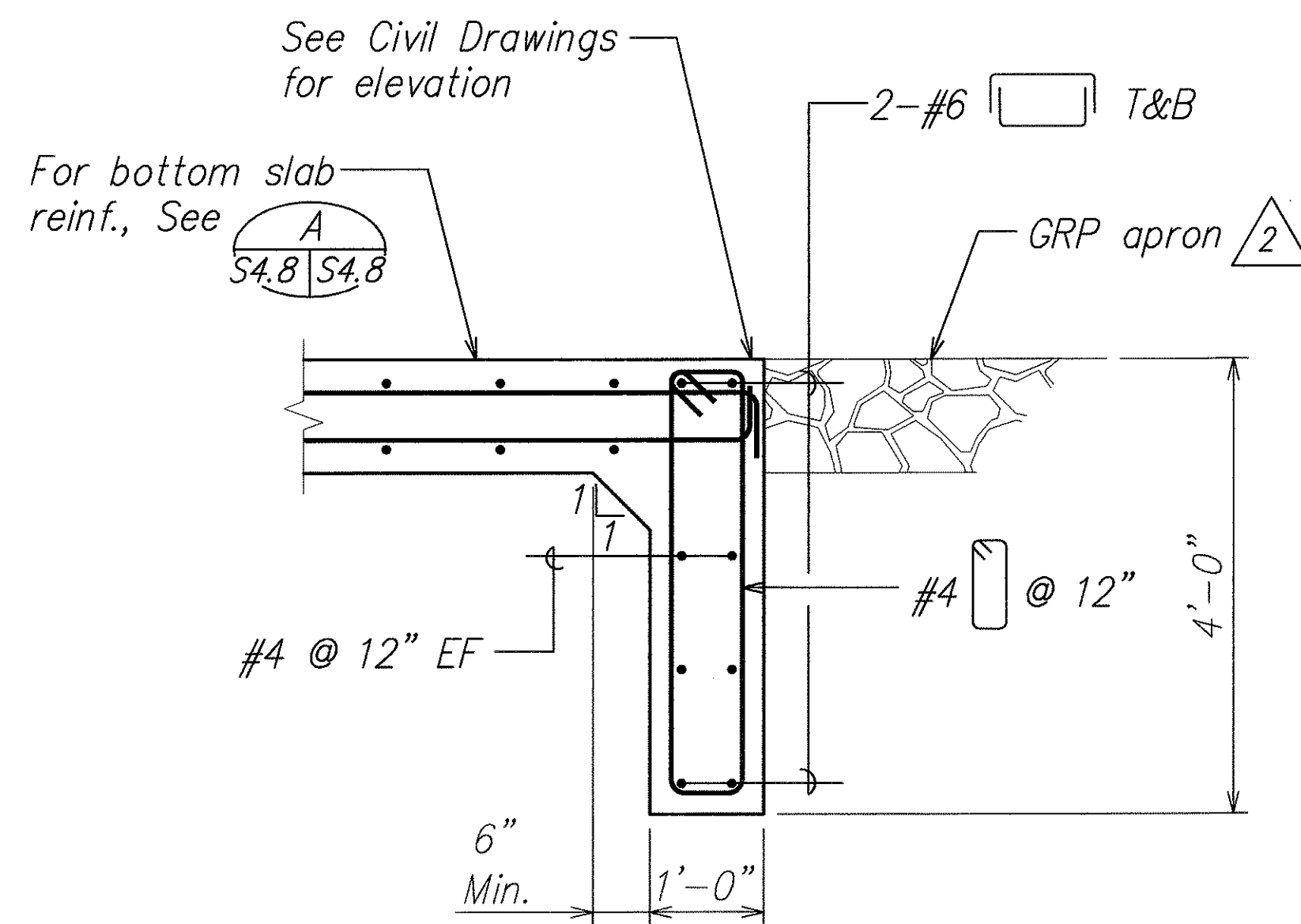
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION BASIN SPILLWAY CULVERT OUTLET ELEVATION North-South Road Phase 1B F.A.I. Proj. No. STP-8930(2) Scale: As Noted Date: Feb. 21, 2007

SHEET No. S4.7 OF 78 SHEETS

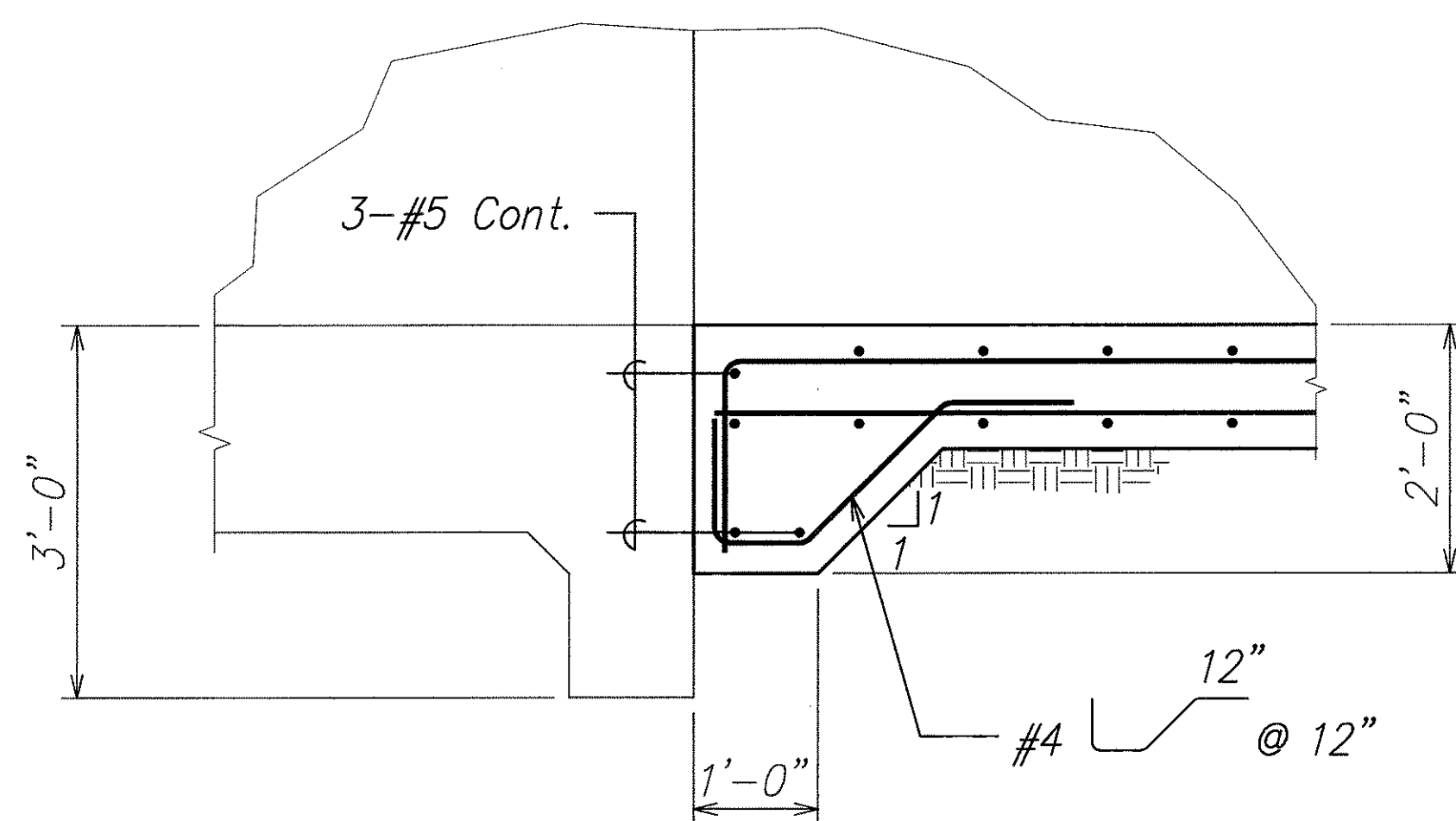
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	ADD. 225	331



SECTION
Scale: $3/4" = 1'-0"$
S4.6 | S4.8
S4.8

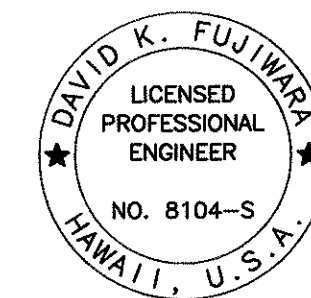


SECTION
Scale: $3/4" = 1'-0"$
S4.6 | S4.8
S4.6



SECTION
Scale: $3/4" = 1'-0"$
S4.7 | S4.8
S4.7

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



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ME OR UNDER MY SUPERVISION.

Signature: *David K. Fujiwara*
EXPIRATION DATE OF THE LICENSE: 4-30-08

5/11/07	2 Revised and Added Notes, Revised Reinforcing
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>SPILLWAY CULVERT</u> <u>OUTLET SECTIONS</u> <u>North-South Road</u> <u>Phase 1B</u> <u>F.A.I. Proj. No. STP-8930(2)</u> Scale: As Noted Date: Feb. 21, 2007
SHEET No. 54.8 OF 78 SHEETS