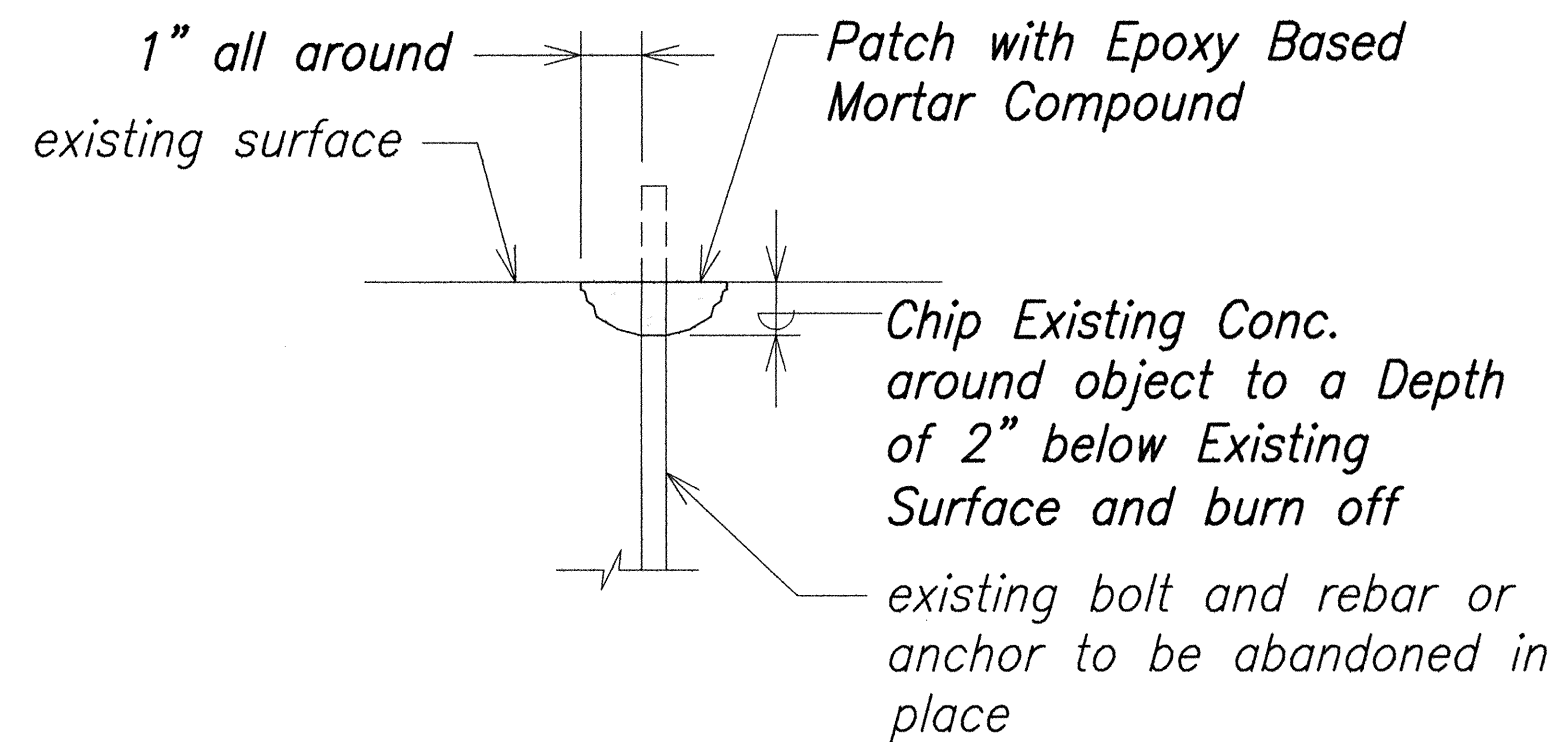


NOTE:
 All Regular Bars shall be trimmed (Terminated) at RCP. Terminate 2" clear of RCP.

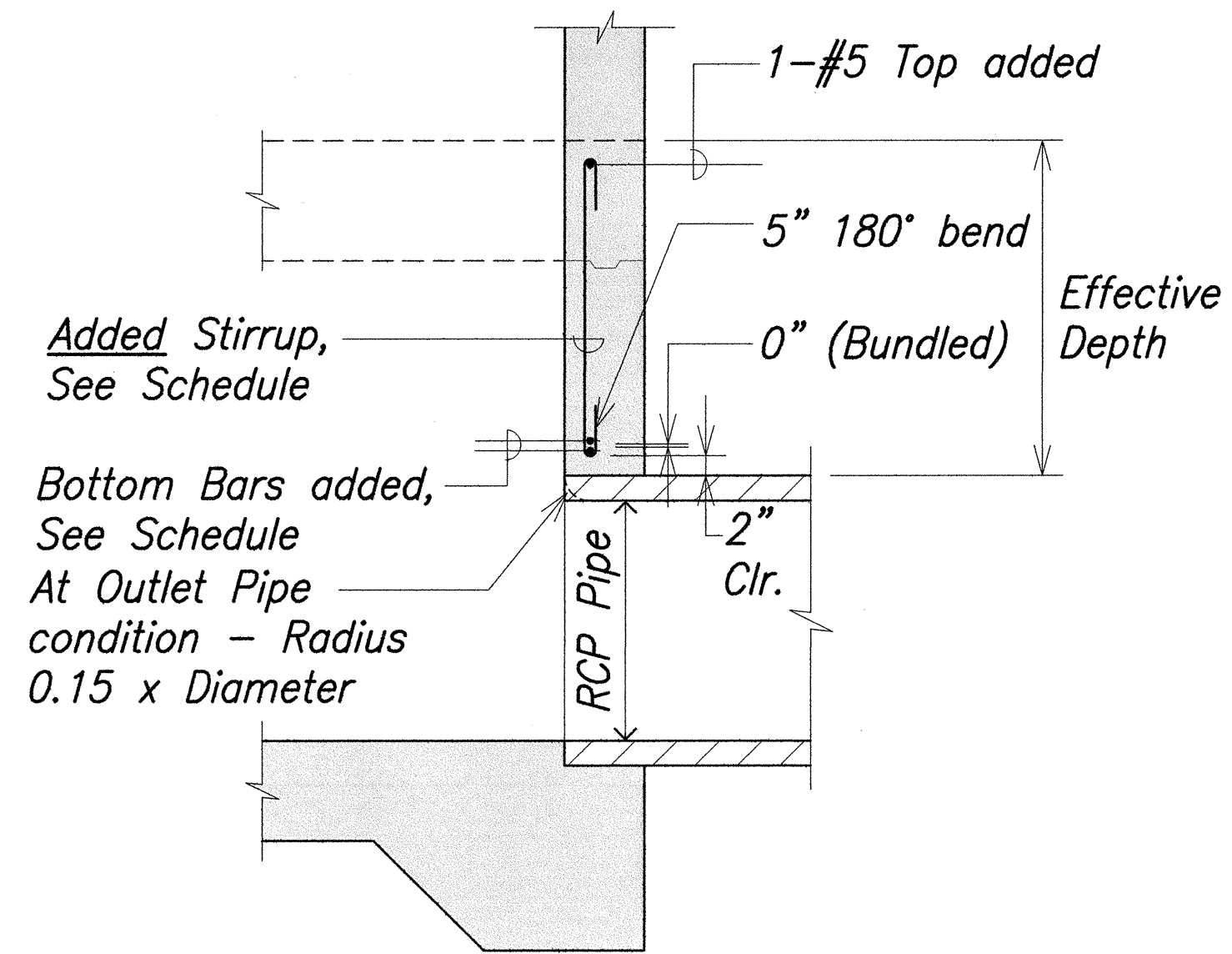
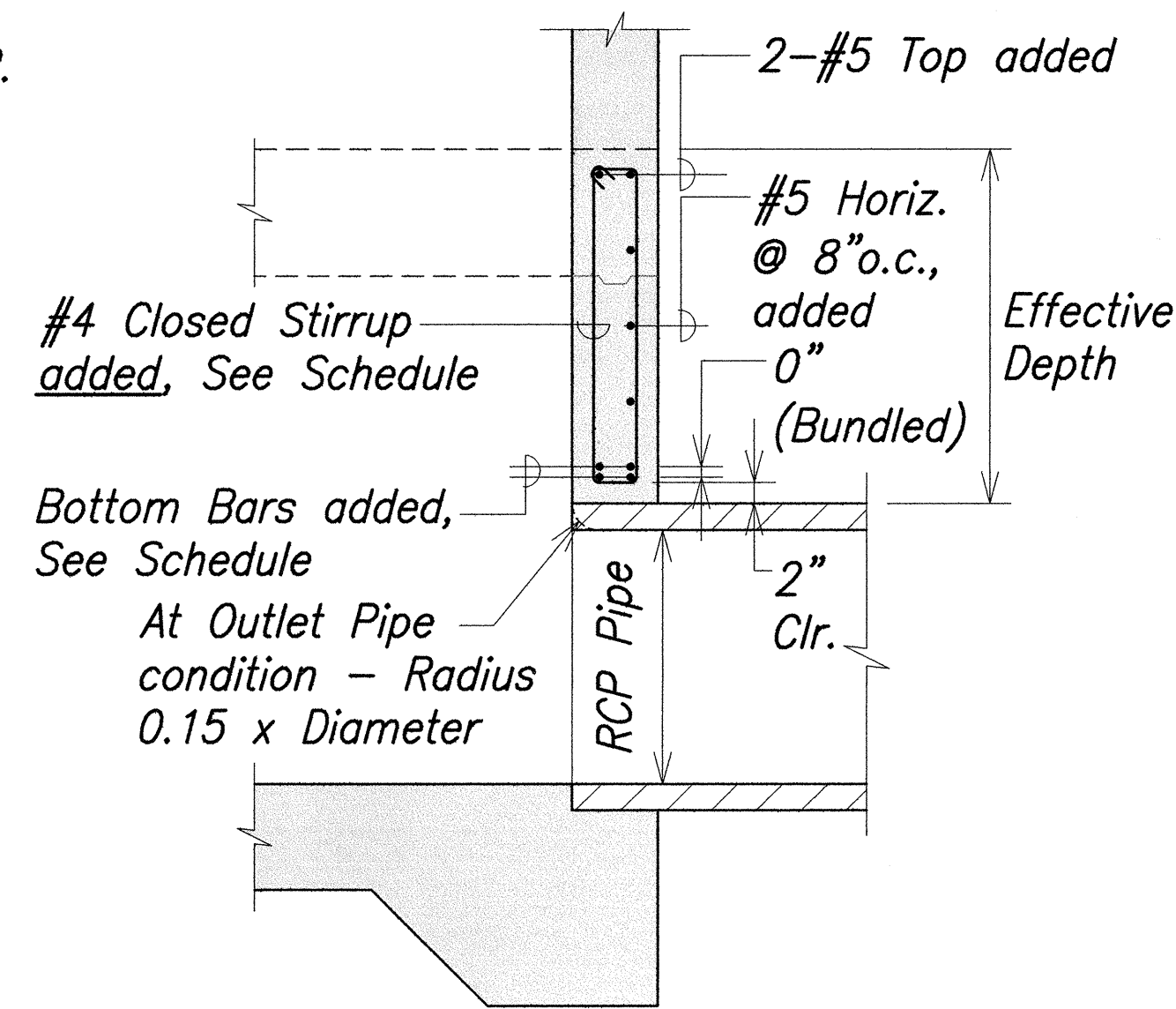
TYPICAL ADDED REINFORCEMENT IN WALL OF DRAINAGE STRUCTURES

S-03 S-03 Not to Scale



METAL PROJECTION REMOVAL REMOVAL AND PATCHING DETAIL

S-03 S-3 Not to Scale

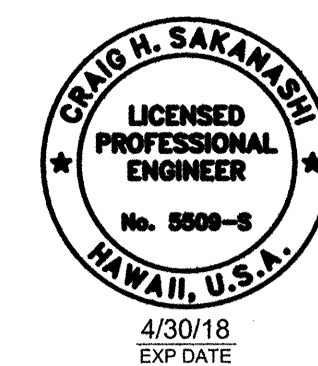


SECTION
 S-03 S-03 Scale: 3/4" = 1'-0"

Schedule for Beam				
RCP Size	Effective Depth*	Bottom Bar	#4 □	#4 ⊔
60"	Need not exceed 3'-0"	4-#7	At 8"o.c.	
54"	Need not exceed 2'-6"	4-#7	At 8"o.c.	
48"	Need not exceed 2'-0"	2-#6	At 8"o.c.	
30"	Need not exceed 2'-0"	2-#6		At 8"o.c.
18"	Need not exceed 1'-6"	2-#6		At 5"o.c.

* Effective Depth shall be from top of Top Concrete Slab to directly above RCP Pipe to the maximum possible but need not exceed Depth as indicated on Schedule.

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 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

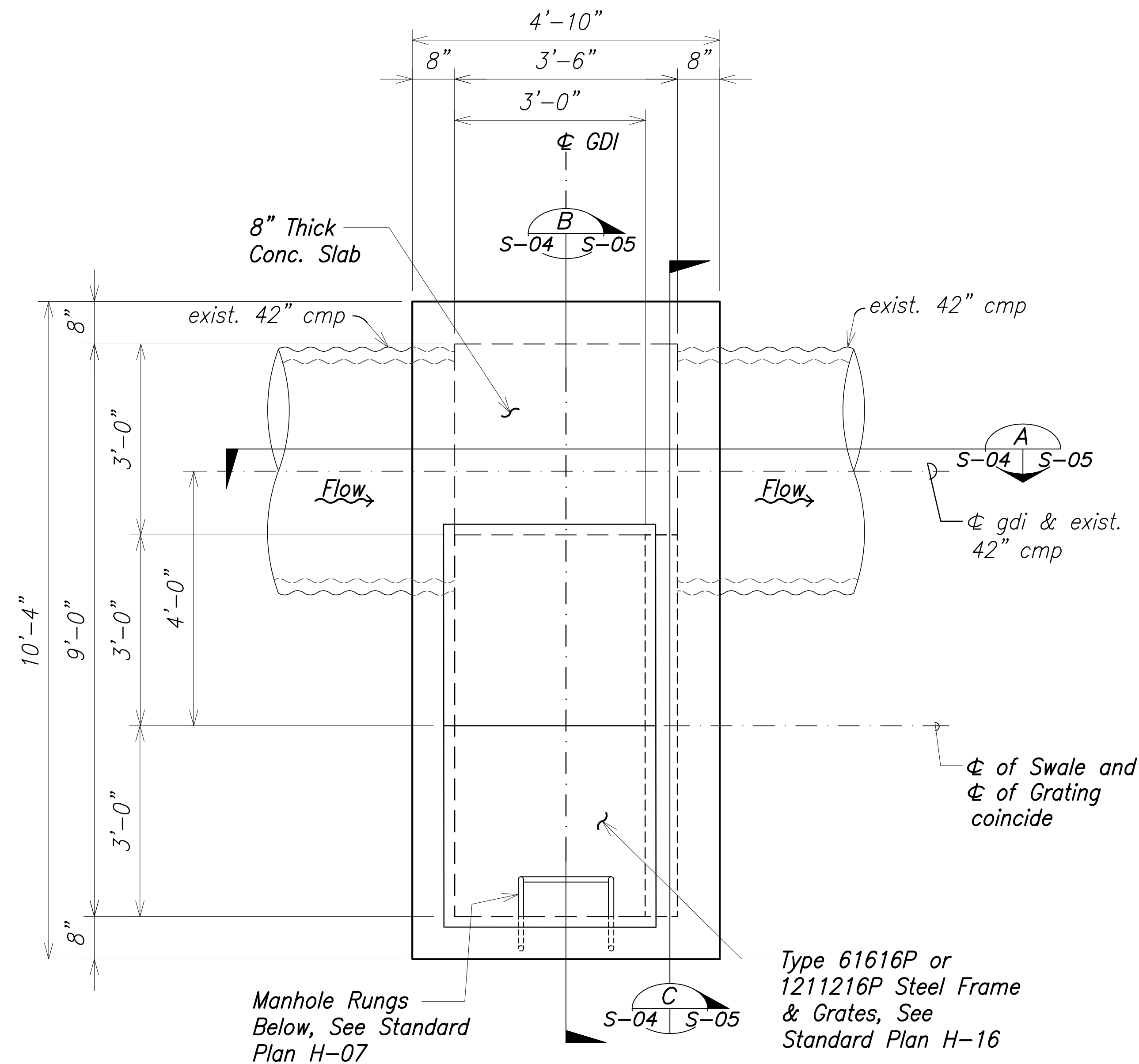
TYPICAL STRUCTURAL NOTES

MISCELLANEOUS PERMANENT
 BEST MANAGEMENT PRACTICES, PHASE 2A

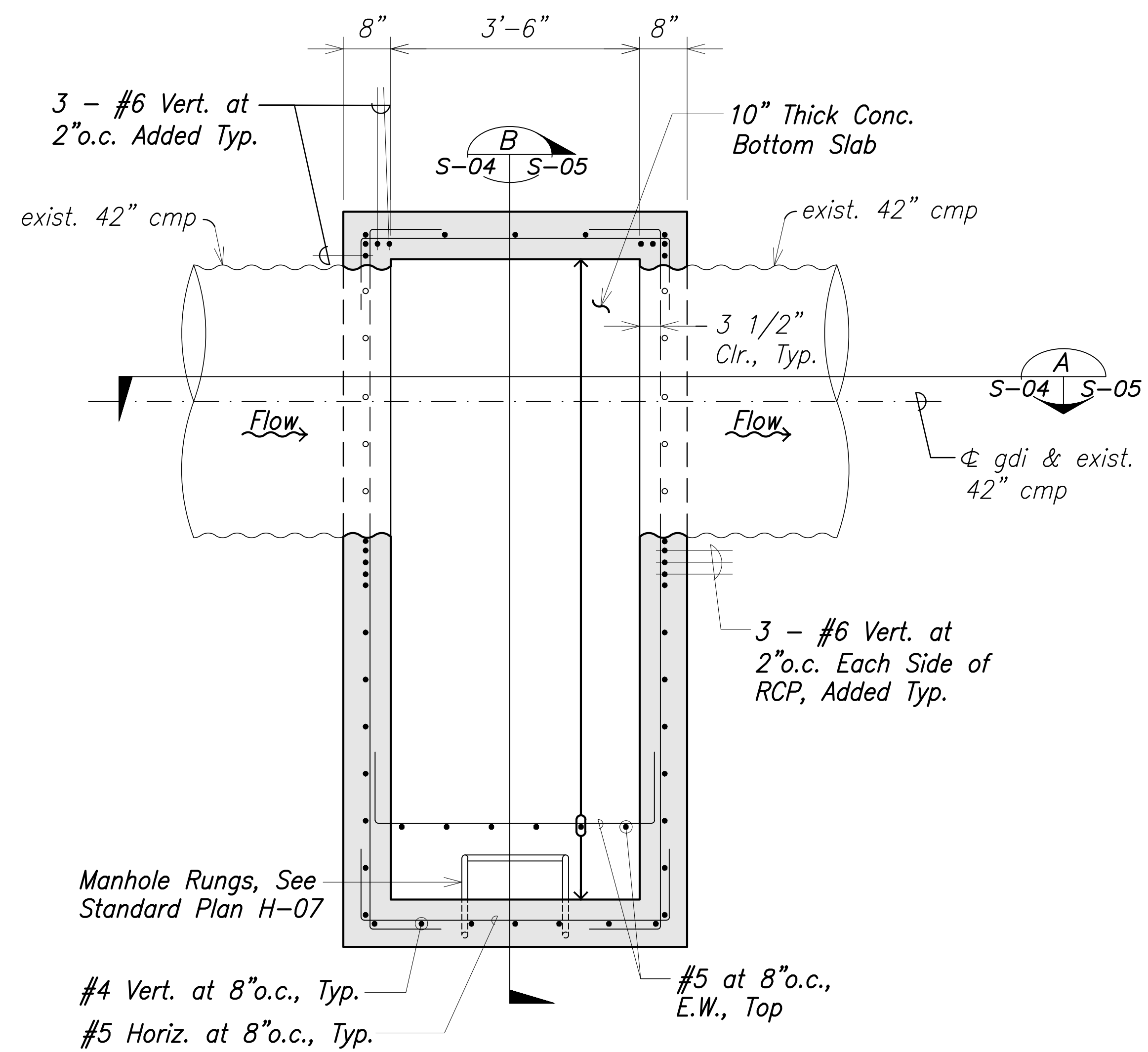
Project No. HWY-O-01-15
 Scale: As Shown Date: April 2016

SHEET No. S-03 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-01-15	2016	45	52



1
S-04 | S-04
GDI A - TOP SLAB PLAN
Scale: 3/4" = 1'-0"



2
S-04 | S-04
GDI A - BOTTOM SLAB PLAN
Scale: 3/4" = 1'-0"

GDI A CONSTRUCTED PER THIS SHEET (CCO No. 2)

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

9-01-2022	ADDED NEW SHEET
DATE	REVISION

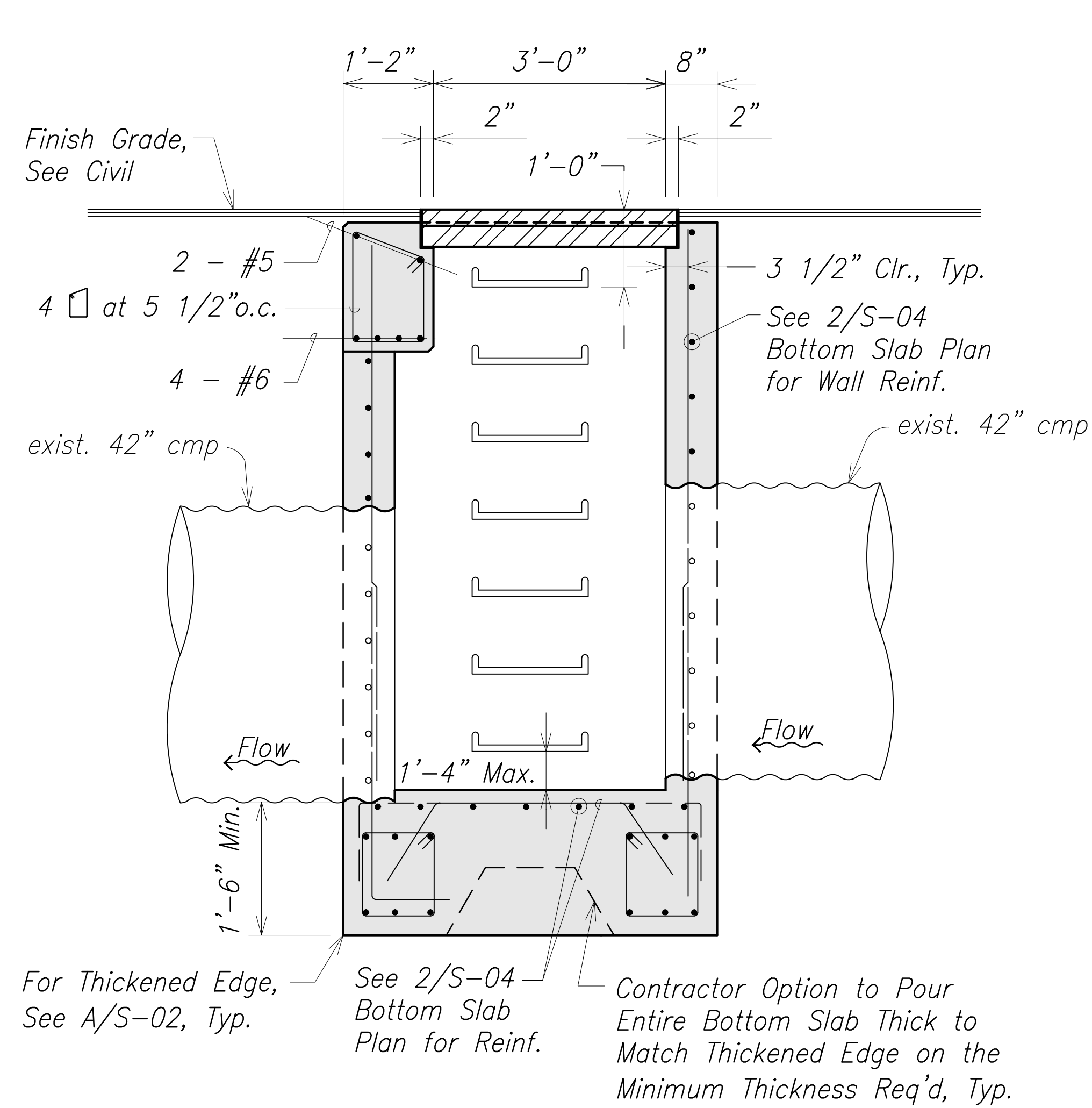
4/30/18
EXP DATE

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OR UNDER MY SUPERVISION

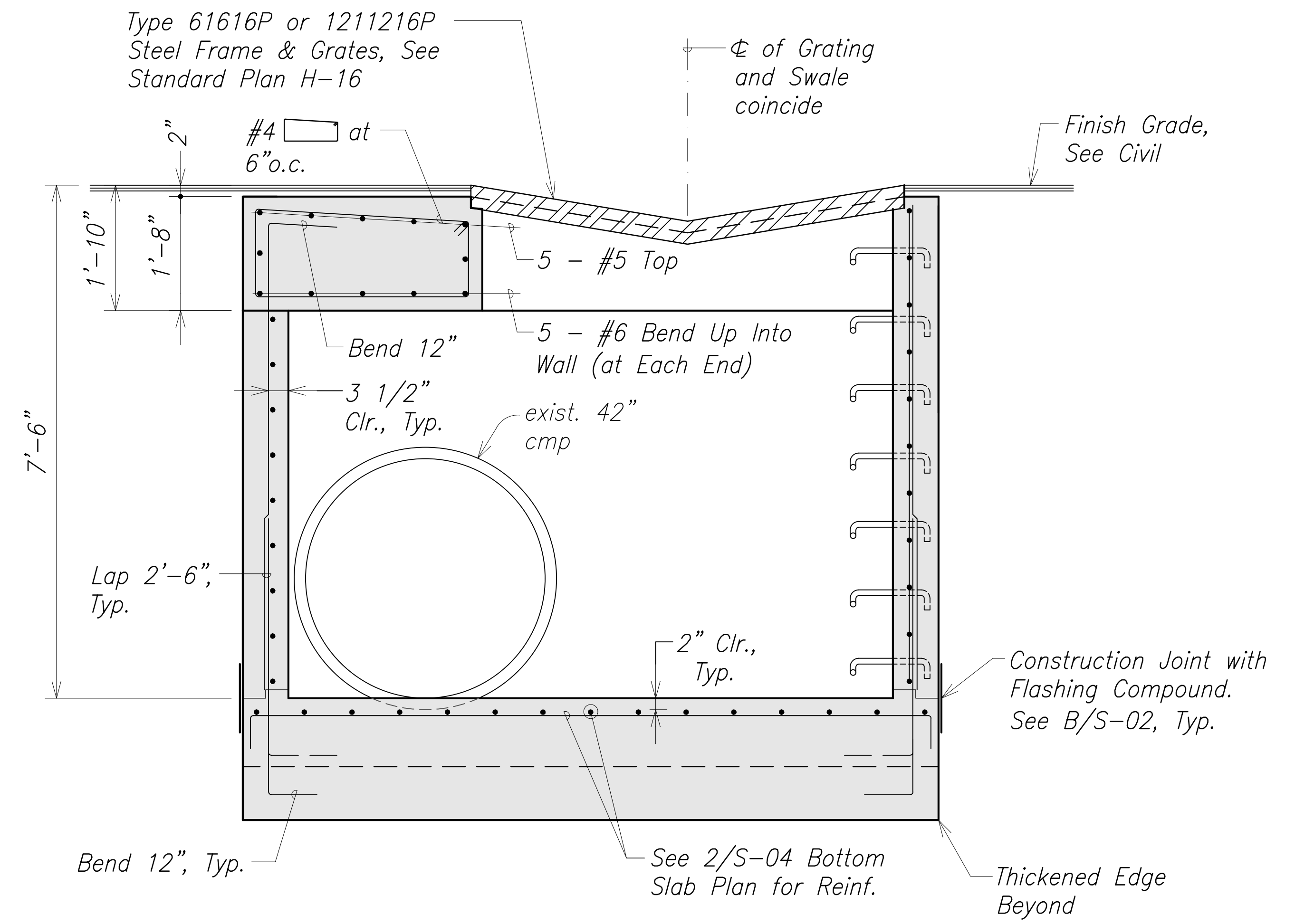
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PID 111091 (BMP A)
GDI A PLAN
MISCELLANEOUS PERMANENT
BEST MANAGEMENT PRACTICES, PHASE 2A
Project No. HWY-O-01-15
Scale: As Noted Date: April 2016
SHEET No. **S-04** OF **11** SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-01-15	2016	46	52

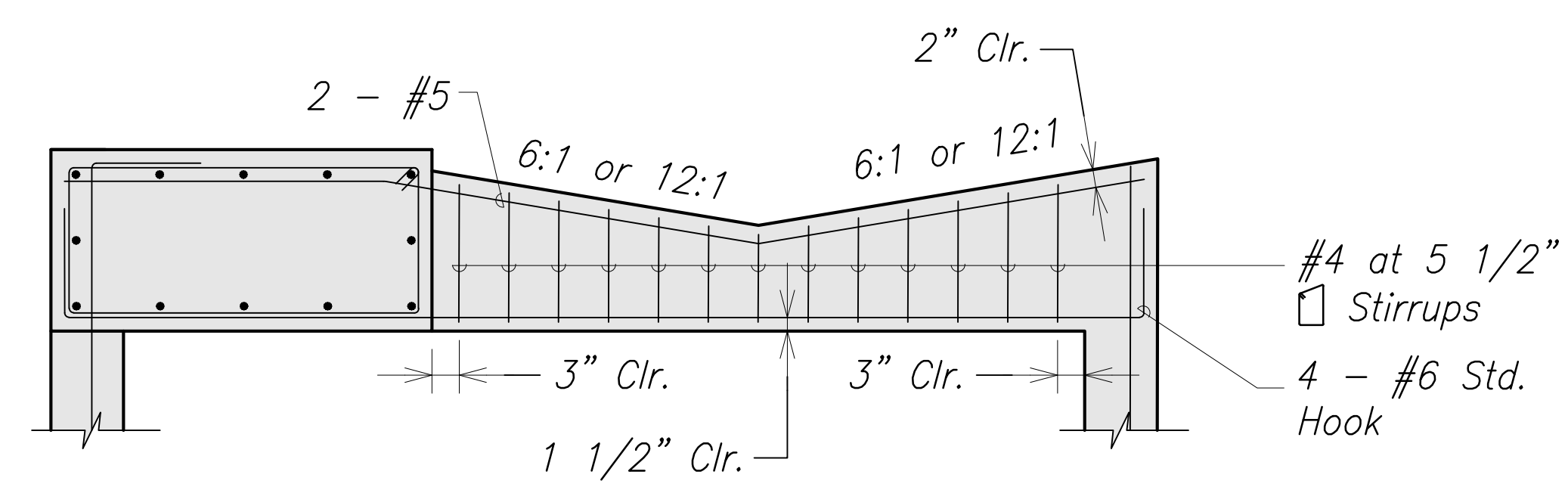


GDI A - SECTION
S-04 | S-05 Scale: 3/4" = 1'-0"



GDI A - SECTION
S-04 | S-05 Scale: 3/4" = 1'-0"

GDI A CONSTRUCTED PER THIS SHEET (CCO No. 2)



SECTION OF BEAM REINFORCING
S-04 | S-05 Scale: 3/4" = 1'-0"

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

9-01-2022	ADDED NEW SHEET
DATE	REVISION

4/30/18
EXP DATE

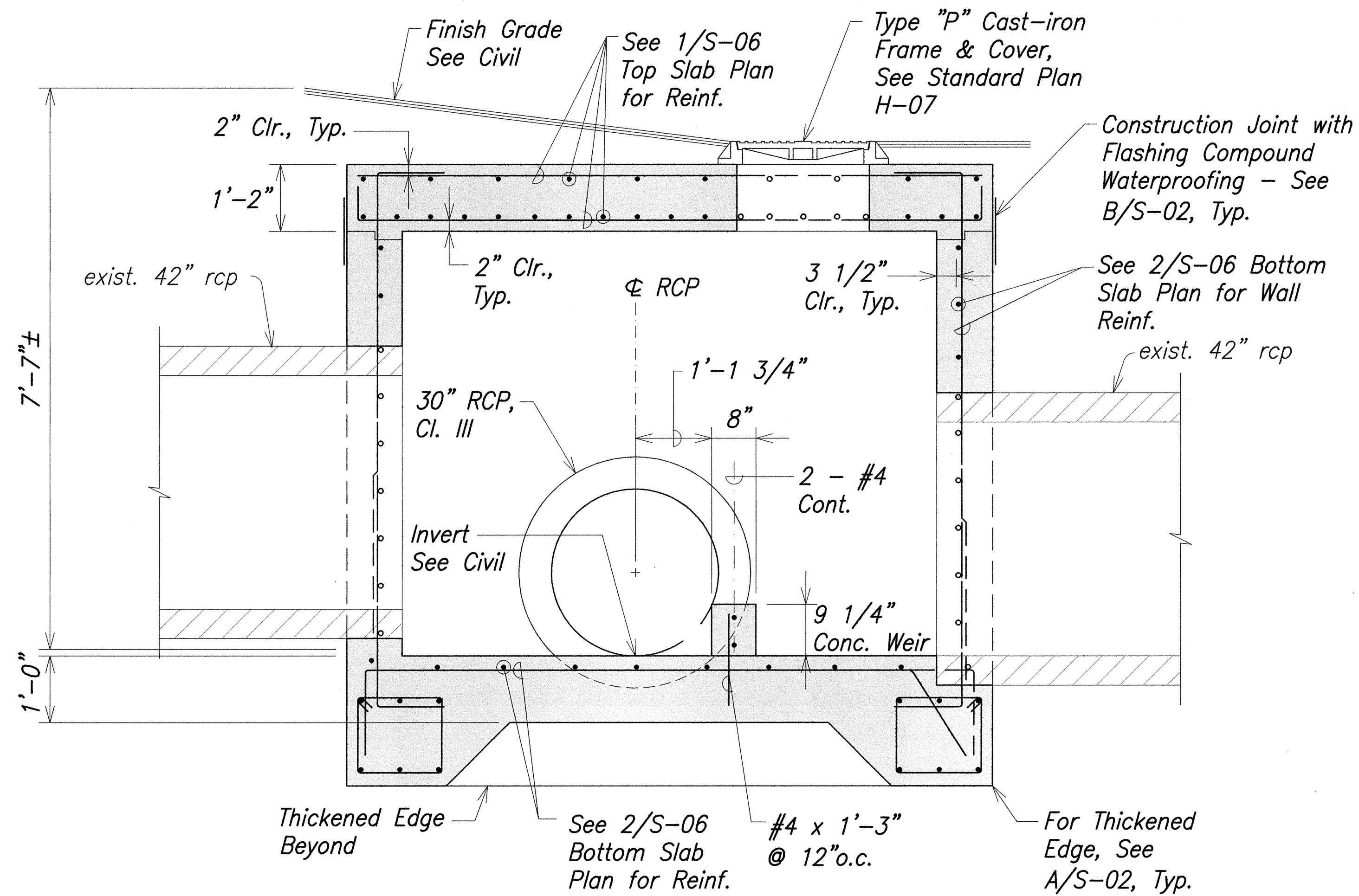
THIS WORK WAS PREPARED BY ME
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PID 111091 (BMP A)
GDI A SECTION
MISCELLANEOUS PERMANENT
BEST MANAGEMENT PRACTICES, PHASE 2A
Project No. HWY-O-01-15
Scale: As Noted Date: April 2016

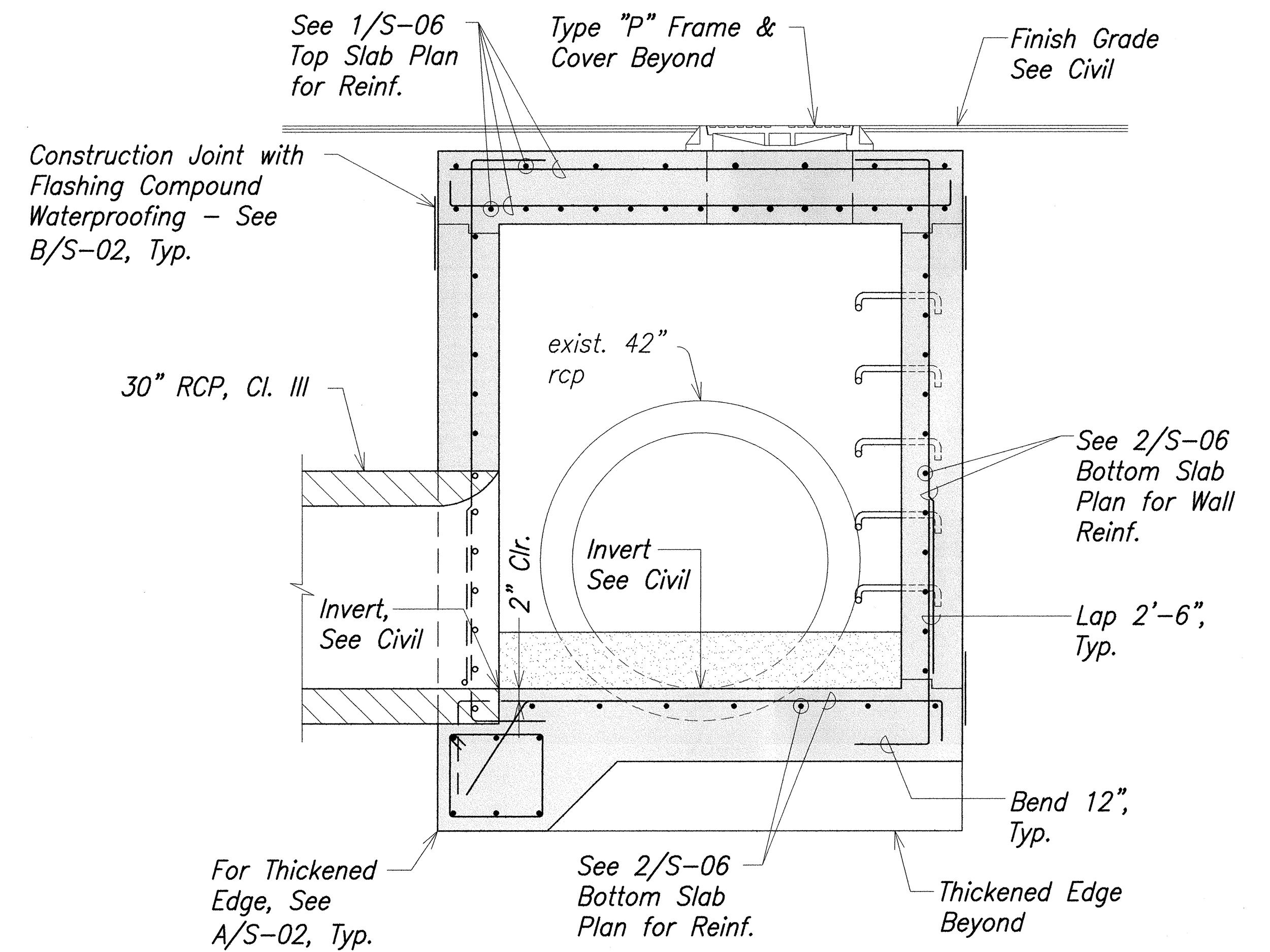
SHEET No. **S-05** OF **11** SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-01-15	2016	48	52



SECTION A
DIVERSION BOX A - SECTION
 Scale: 3/4" = 1'-0"



SECTION B
DIVERSION BOX A - SECTION
 Scale: 3/4" = 1'-0"

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	
NO.	

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SHIGEMURA, LAU, SAKANASHI,
HIGUCHI AND ASSOCIATES, INC.

GRACE H. SAKANASHI

LICENSED PROFESSIONAL ENGINEER

No. 8808-S

HAWAII, U.S.A.

4/30/18

EXP. DATE

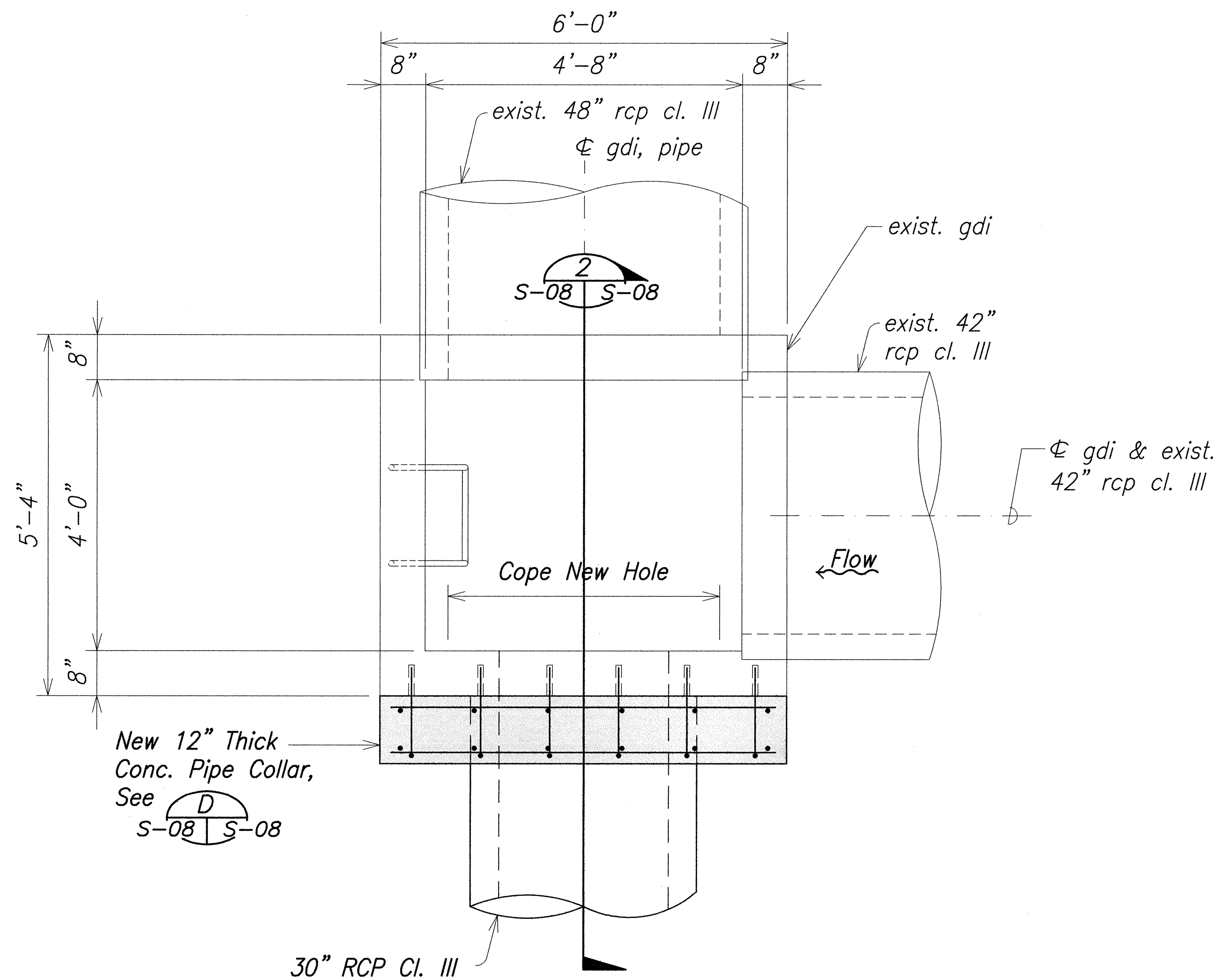
THE WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

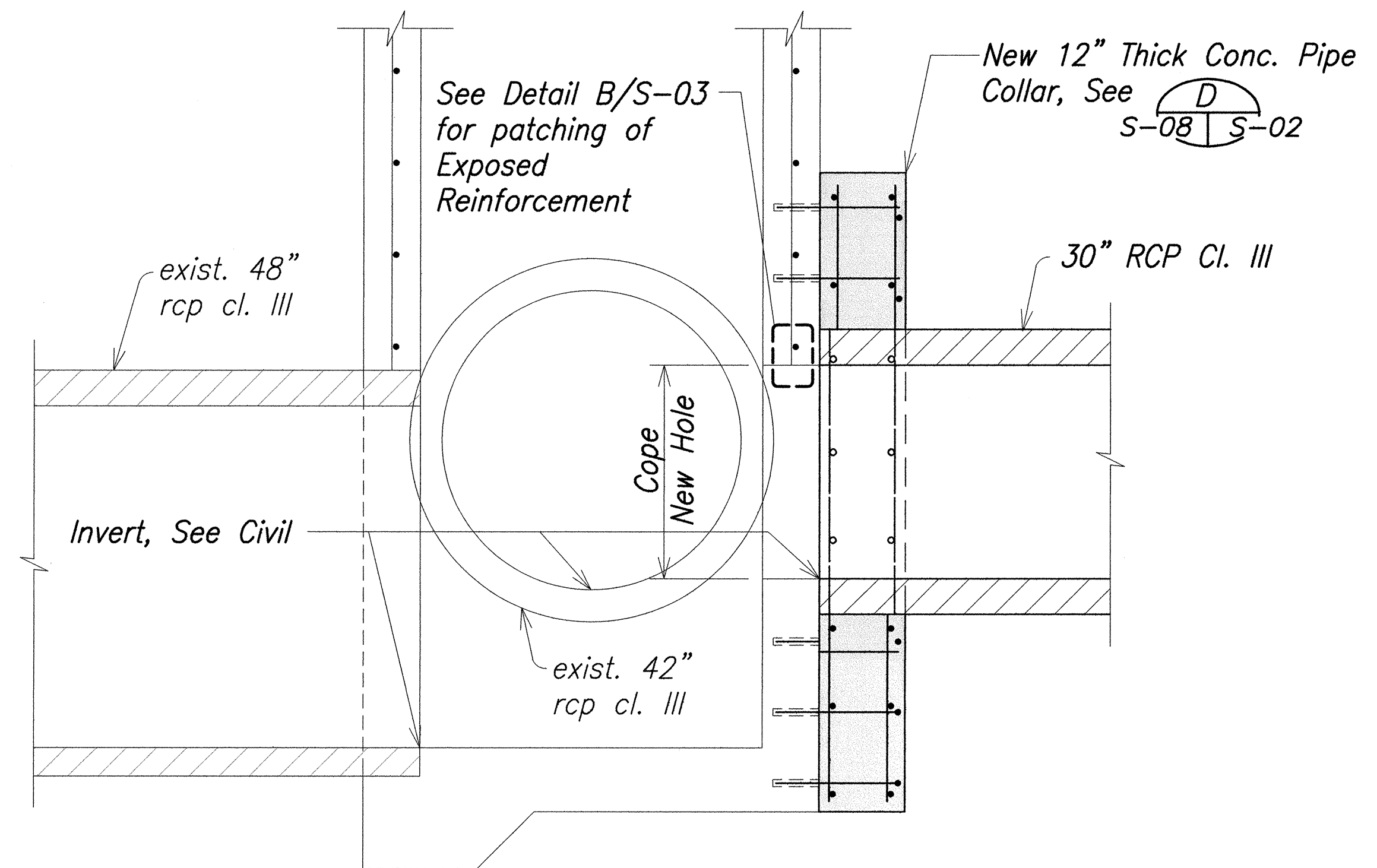
PID 111091 (BMP A)
DIVERSION BOX A SECTION
MISCELLANEOUS PERMANENT
BEST MANAGEMENT PRACTICES, PHASE 2A
Project No. HWY-0-01-15
Scale: As Shown Date: April 2016

SHEET No. S-07 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-01-15	2016	49	52



1 CONNECTION TO EXISTING GDI PLAN
S-08 S-08 Scale: 3/4" = 1'-0"



2 CONNECTION TO EXISTING GDI SECTION
S-08 S-08 Scale: 3/4" = 1'-0"

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

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SHIGEMURA, LAU, SAKANASHI,
HIGUCHI AND ASSOCIATES, INC.

GRAB H. SAKANASHI
LICENSED PROFESSIONAL ENGINEER
No. 8808-S
HAWAII, U.S.A.
4/30/18
EXP. DATE

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OR UNDER MY SUPERVISION

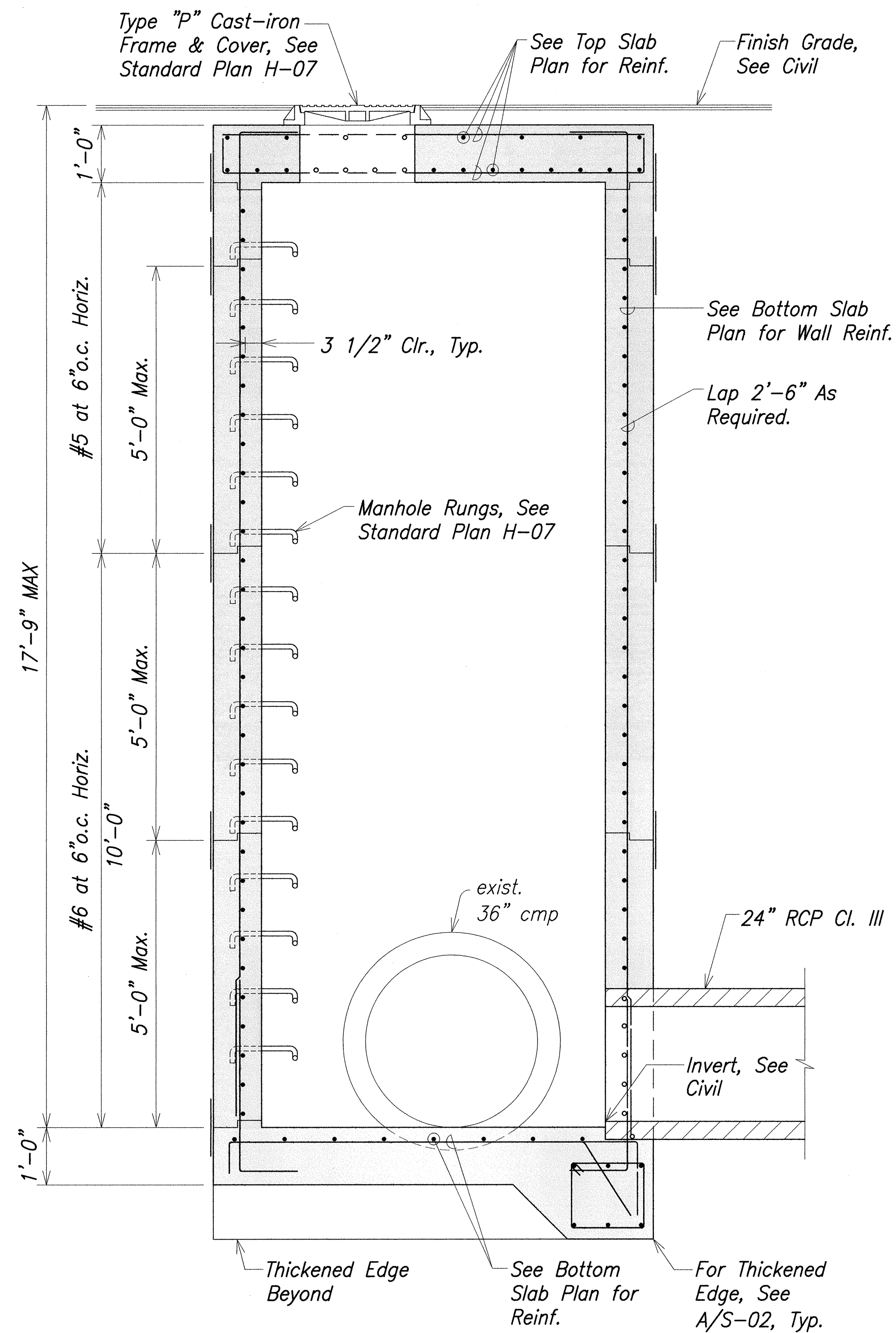
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PID 111091 (BMP A)
CONN. DETAILS TO EXIST. GDI
MISCELLANEOUS PERMANENT
BEST MANAGEMENT PRACTICES, PHASE 2A
Project No. HWY-0-01-15
Scale: As Shown Date: April 2016

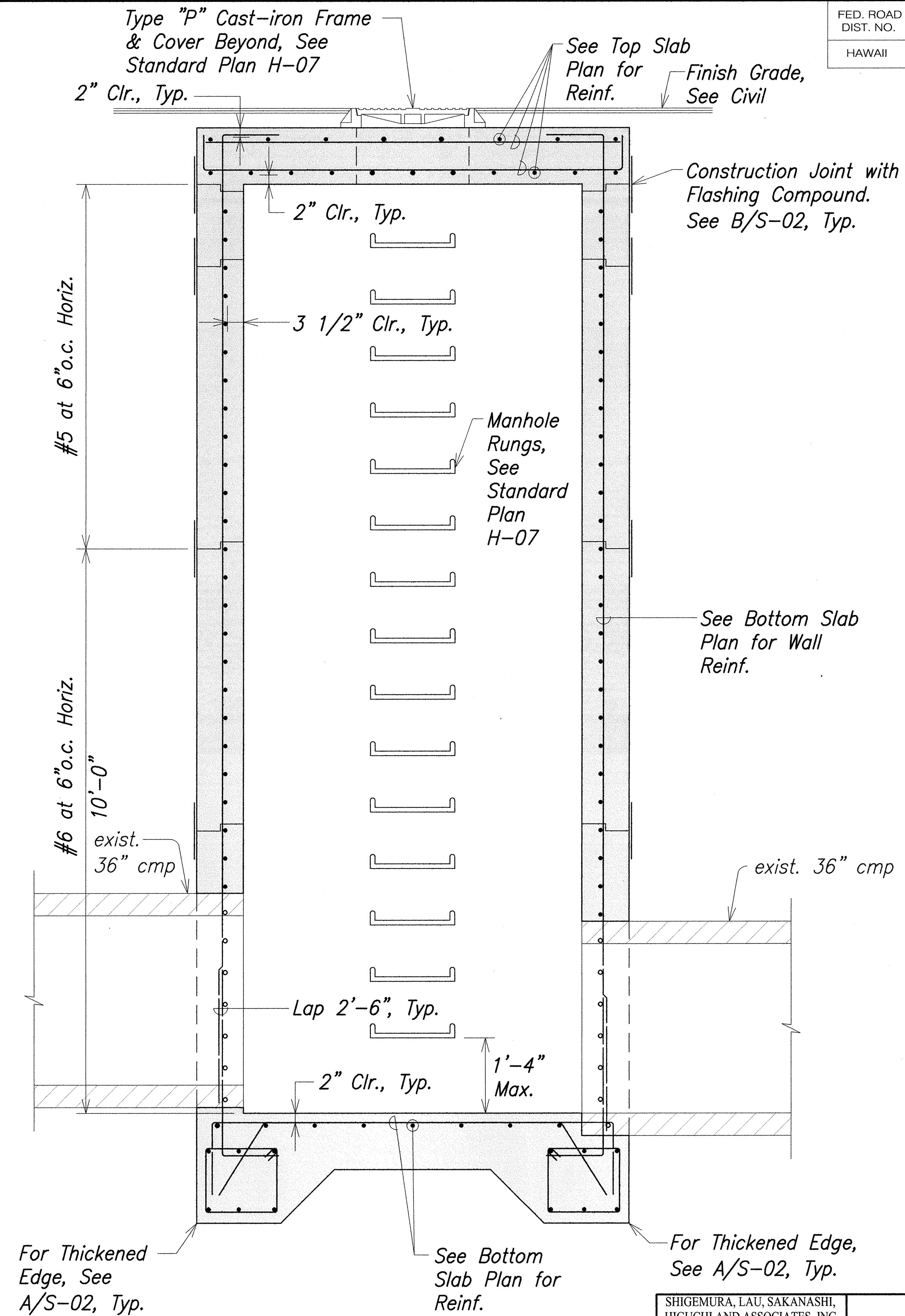
SHEET No. S-08 OF 11 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRAINED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

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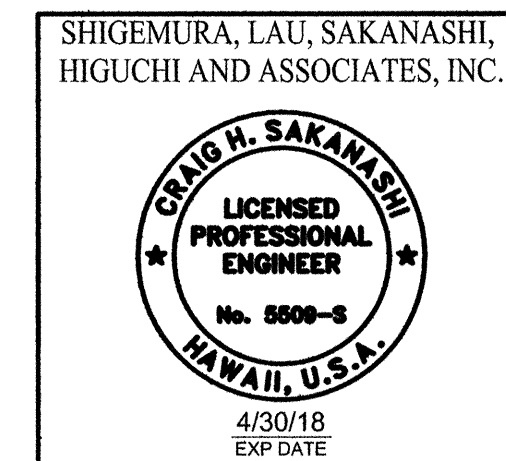


SDMH B-4 SECTION
S-10 | S-11 Scale: 3/4" = 1'-0"



SDMH B-4 SECTION
S-10 | S-11 Scale: 3/4" = 1'-0"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-01-15	2016	52	52



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
PID 106997 (BMP B)
SDMH B-4 SECTION
MISCELLANEOUS PERMANENT BEST MANAGEMENT PRACTICES, PHASE 2A
Project No. HWY-0-01-15
Scale: As Shown Date: April 2016
SHEET No. S-11 OF 11 SHEETS