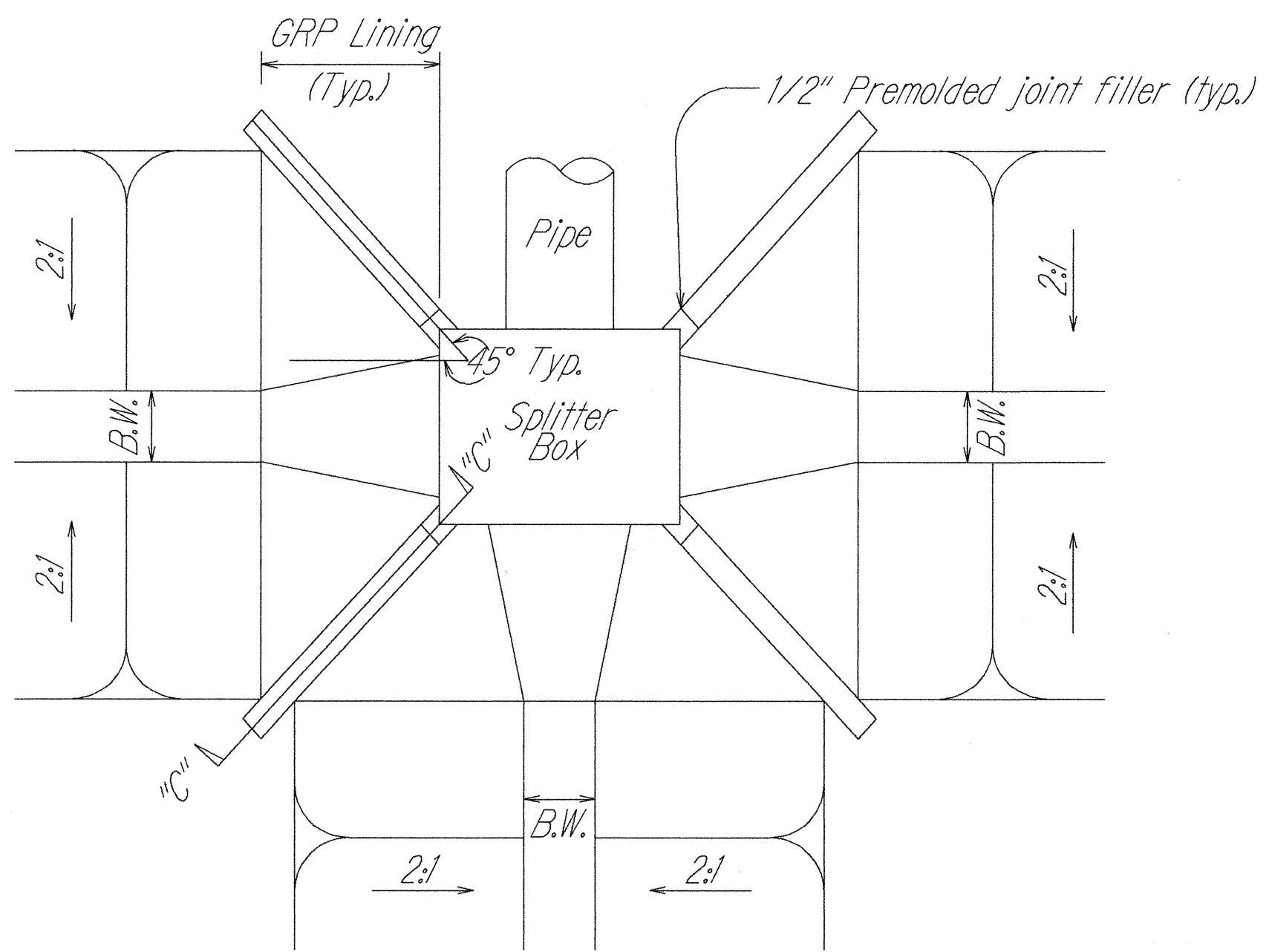
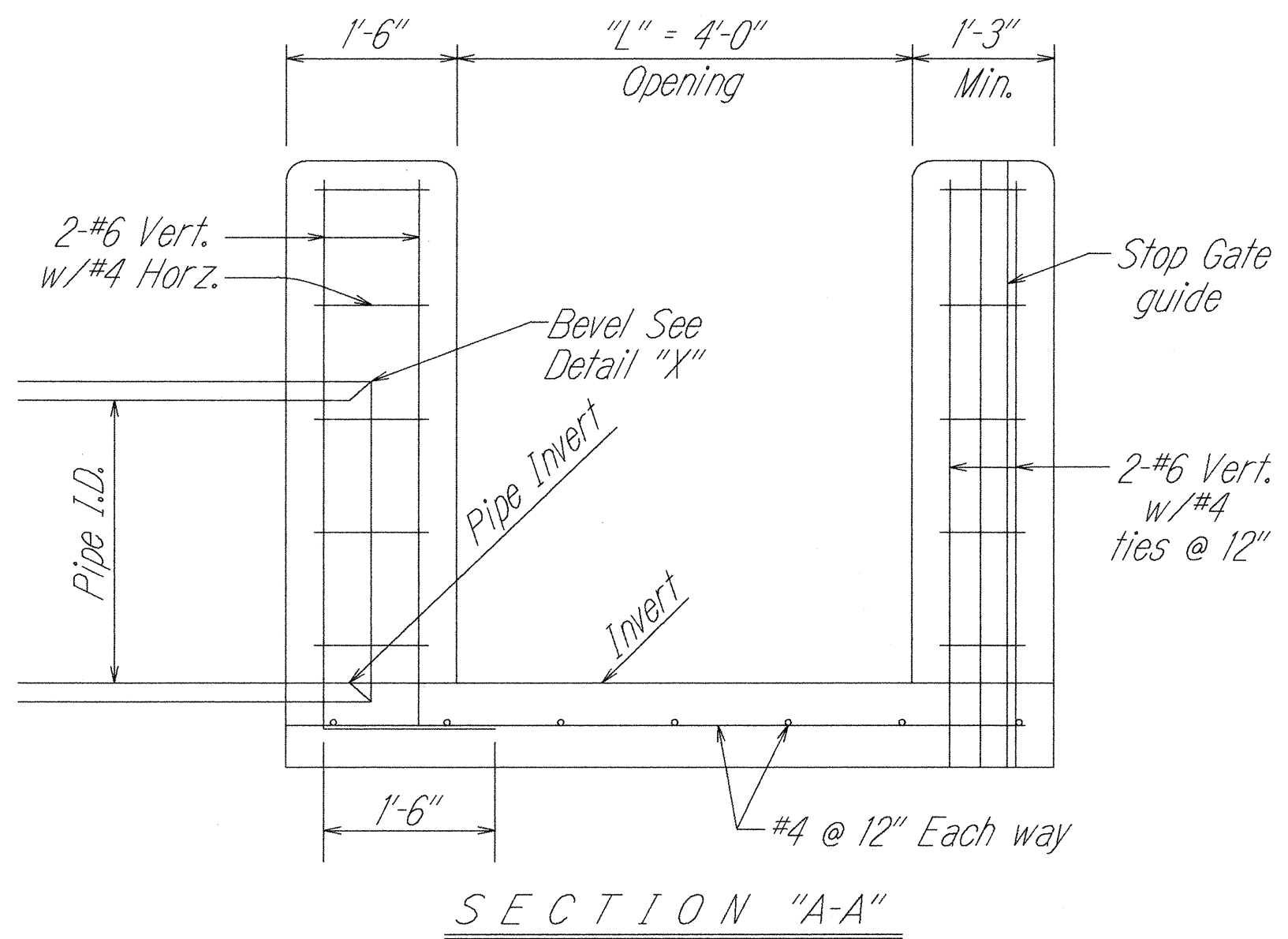
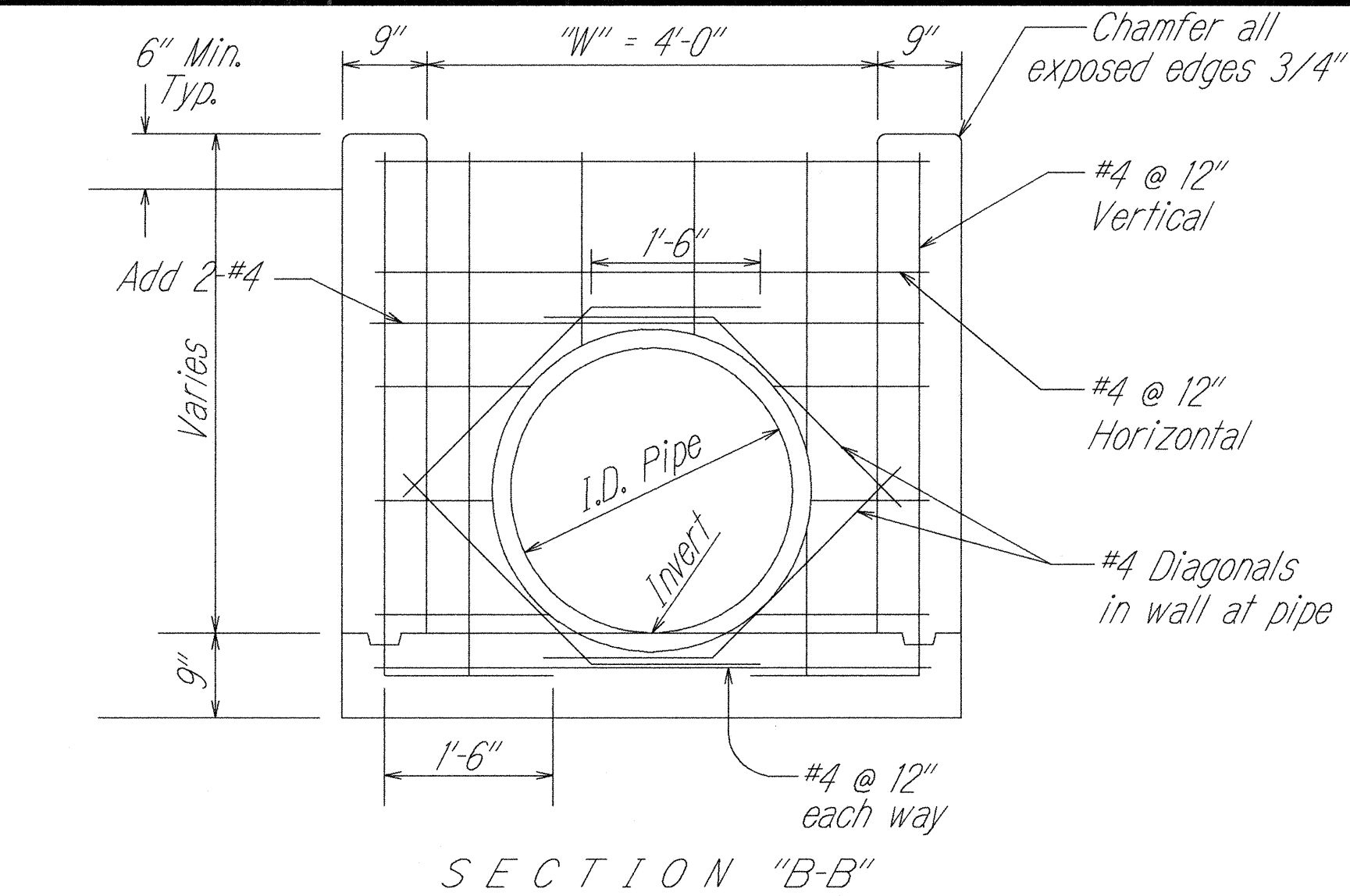
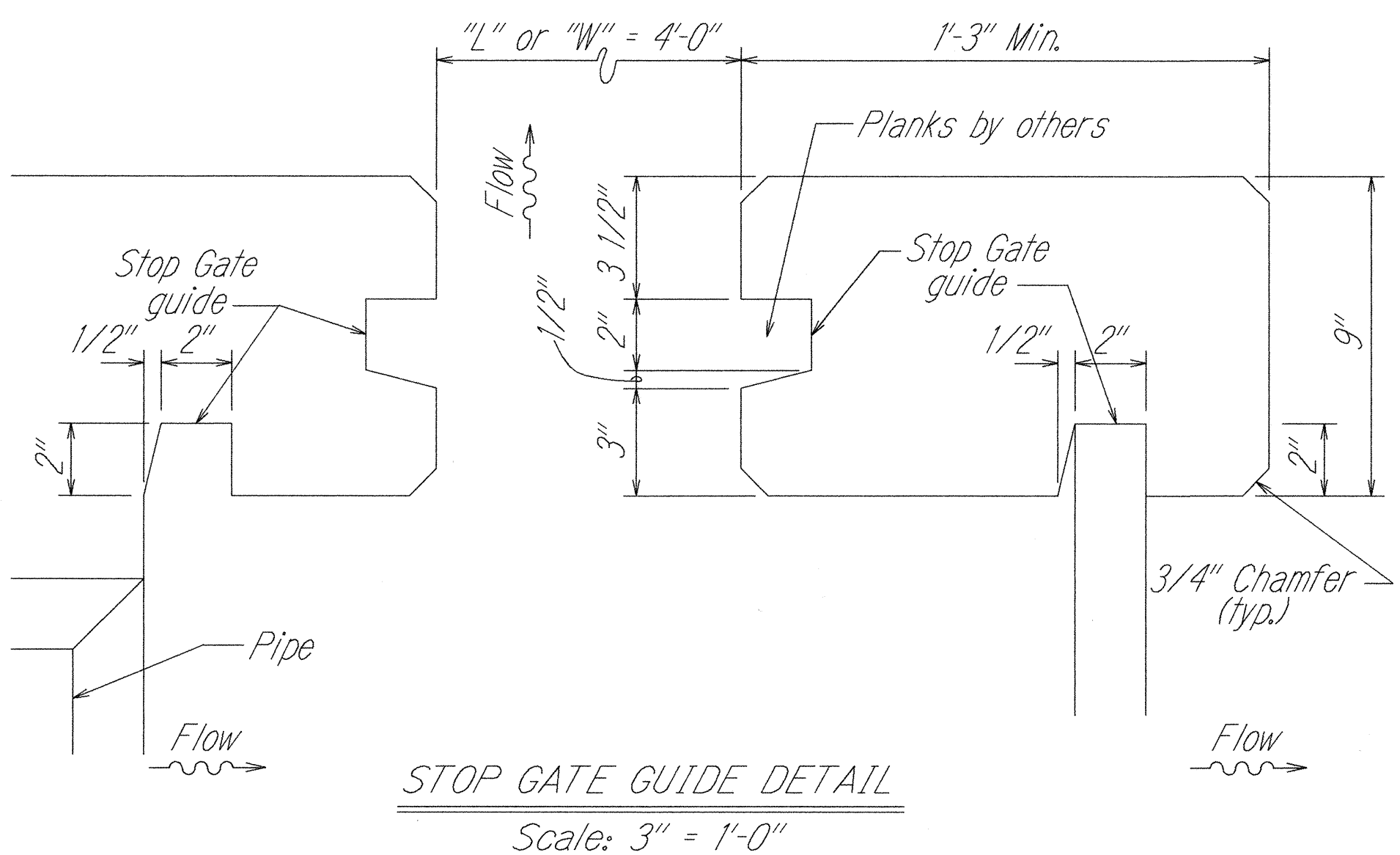
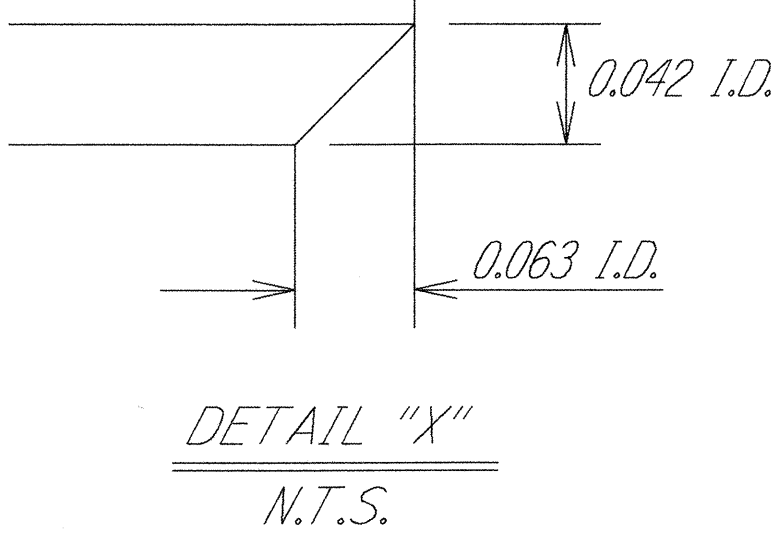
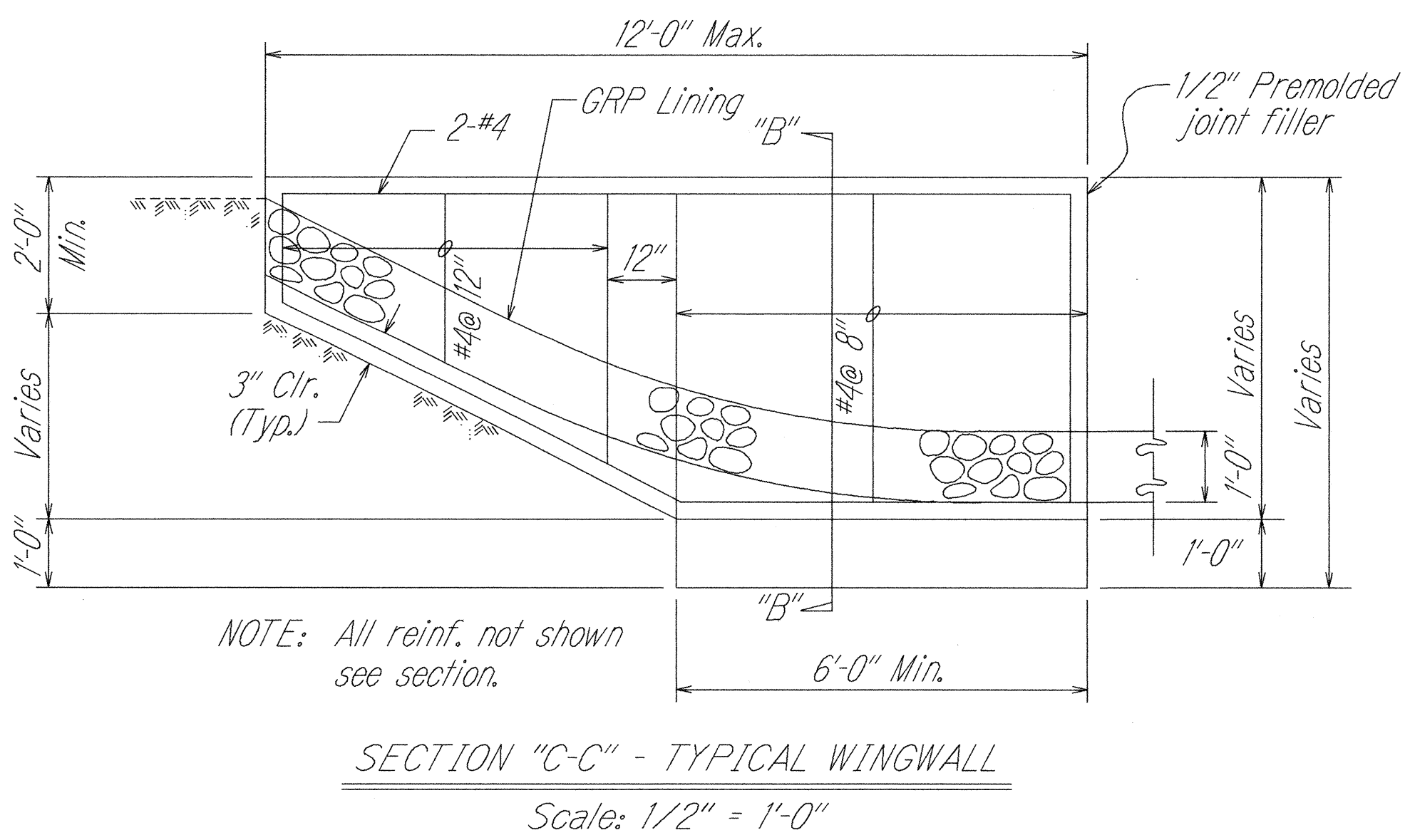
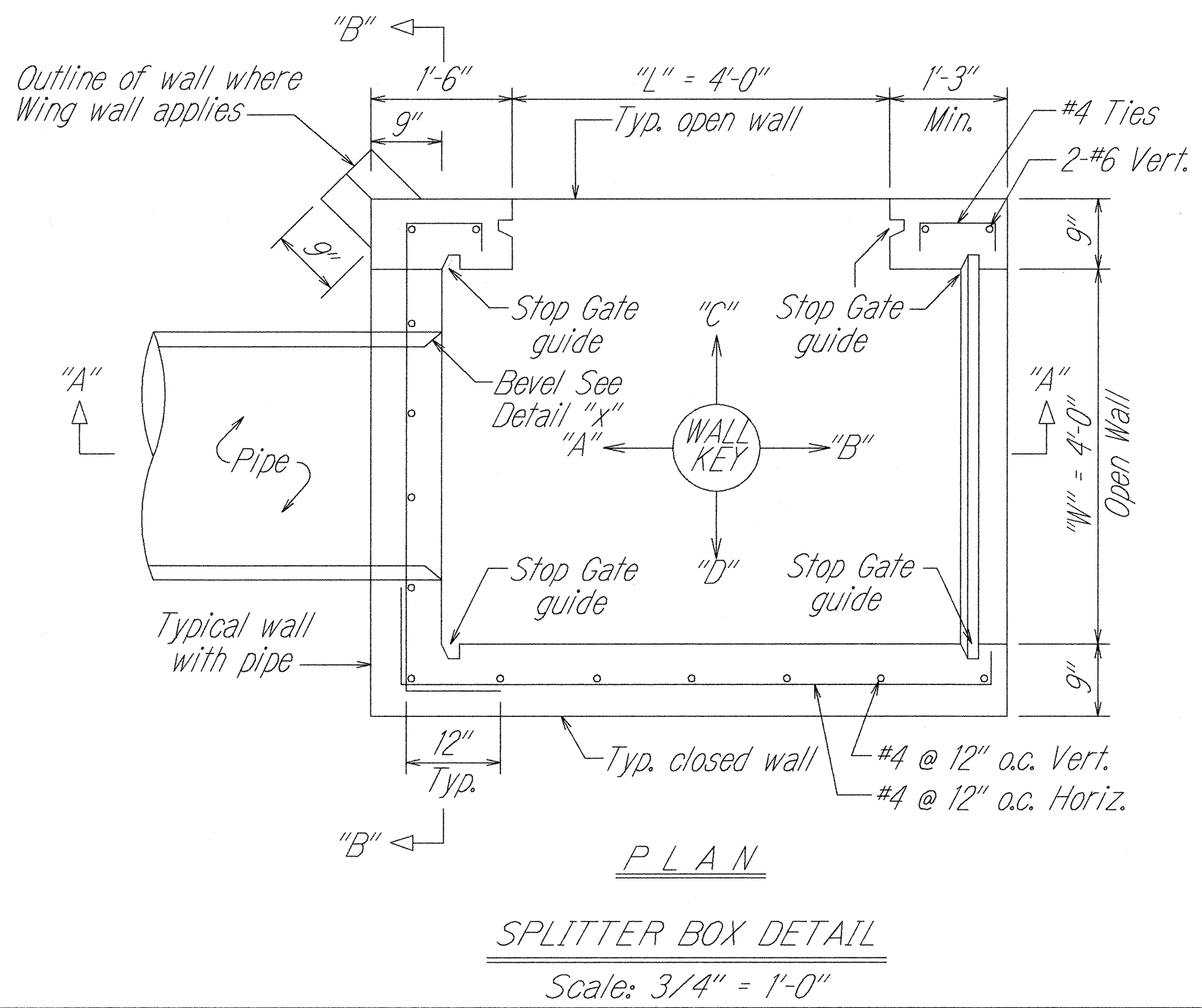


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	7	141



SPLITTER BOX WALL SCHEDULE						
BOX NO.	INVERT	NO. OF WING WALLS	WALL			
			A	B	C	D
1		4	OPEN	OPEN	CLOSED	30"0
2		4	OPEN	OPEN	30"0	CLOSED



STANFORD M. IWAMOTO
REGISTERED PROFESSIONAL ENGINEER
No. 5738-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS
LIHUE GATEWAY LANDSCAPE
BEAUTIFICATION PROJECT
Scale: N.T.S. Date: July 31, 1998

SHEET No. C - 6 OF 10 SHEETS

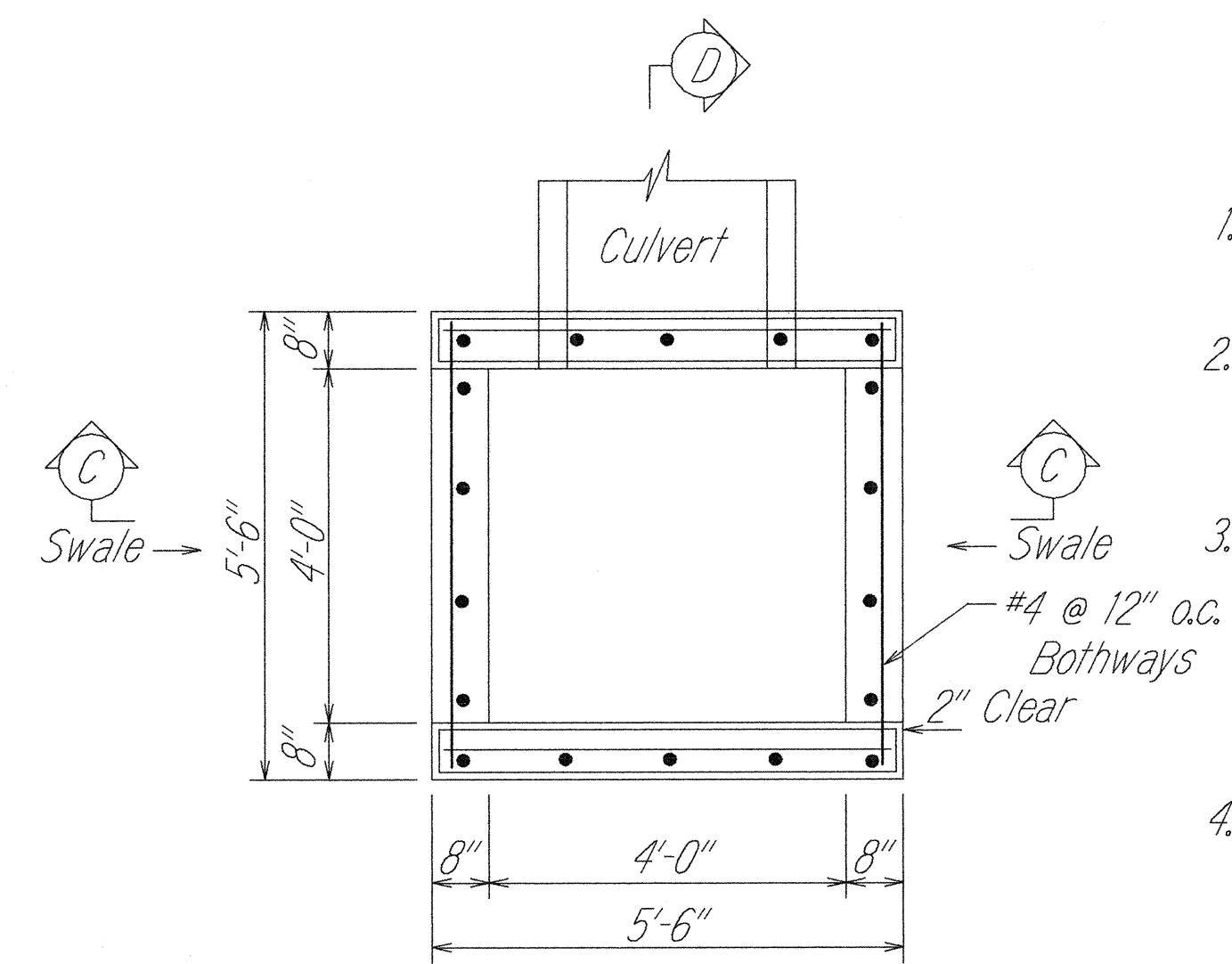
DATE	DATE	DATE	DATE	DATE
SURVEY PLOTTED BY	DESIGNED BY	CHECKED BY	APPROVED BY	DATE
ORIGINAL PLAN	NOTE BOOK	NO.		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	ADD.8	141

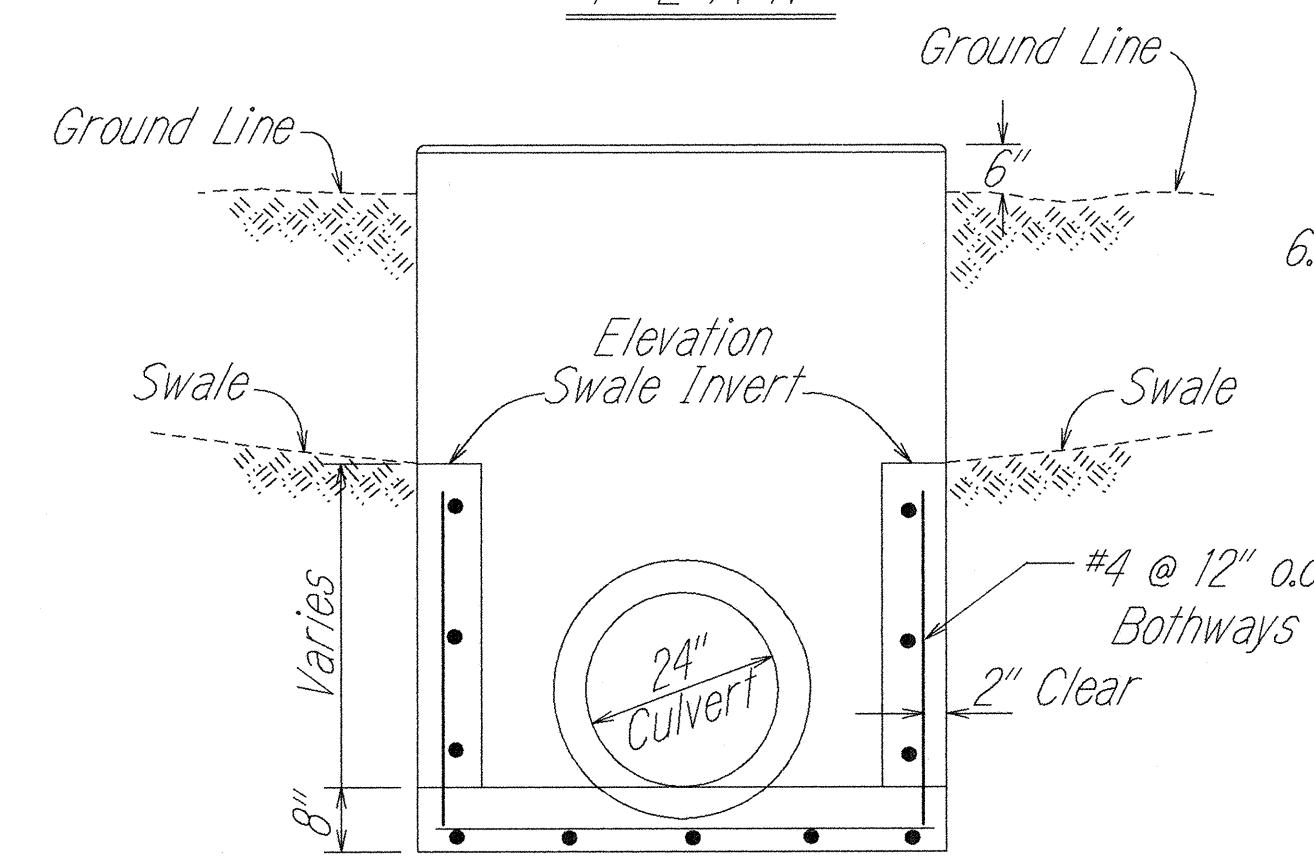
NOTE: Reinforcing Steel for Concrete Collar shall conform to the requirements of ASTM 615-Grade 60.

NOTE:

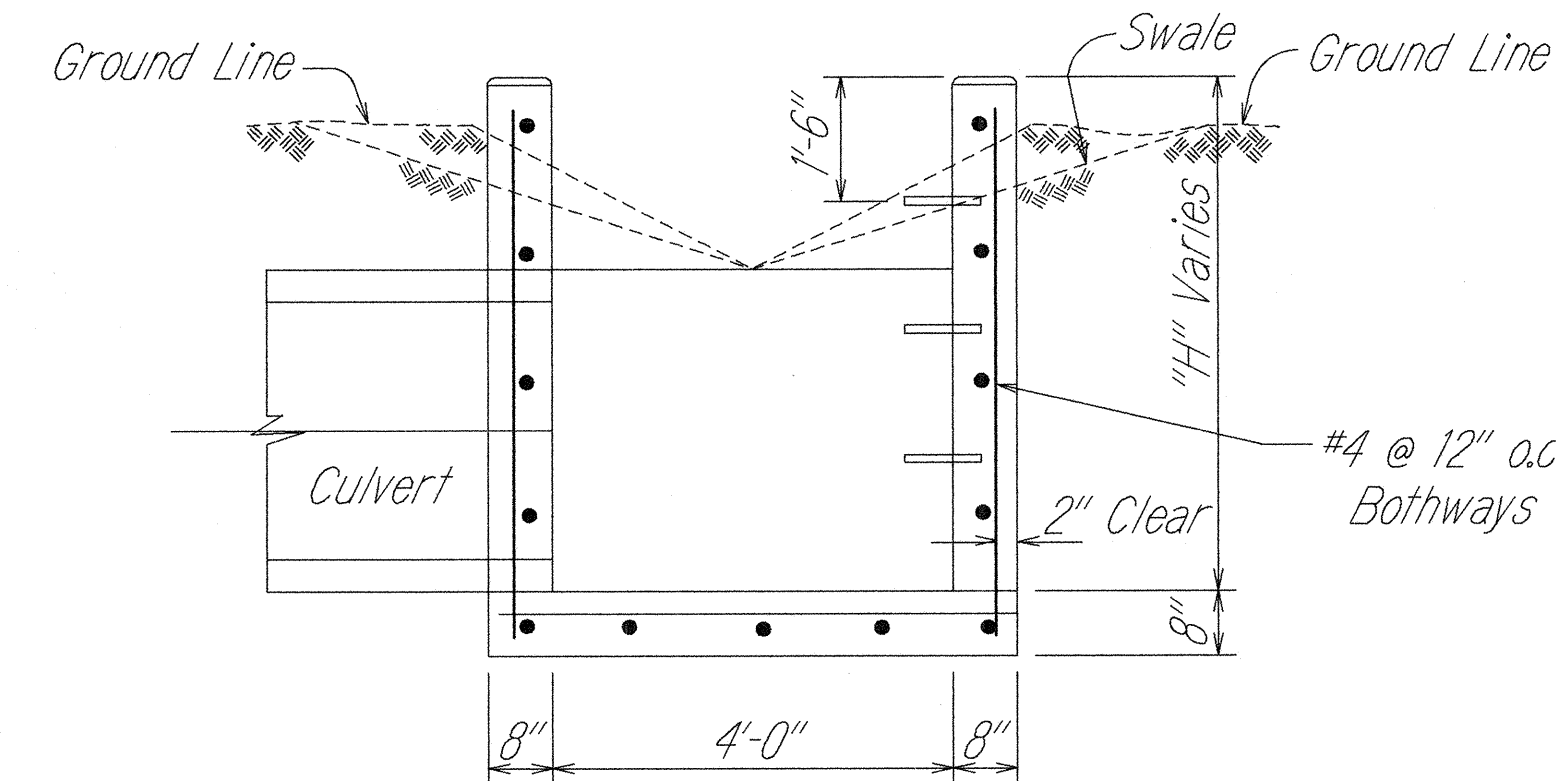
- Crossings of existing water, sewer, and drainlines. The contractor shall provide cushion around the existing utilities, containing clean beach sand or earth only.
- Install 4" thick asphaltic concrete for Kapule Highway.



PLAN



SECTION "C-C"



SECTION "D-D"

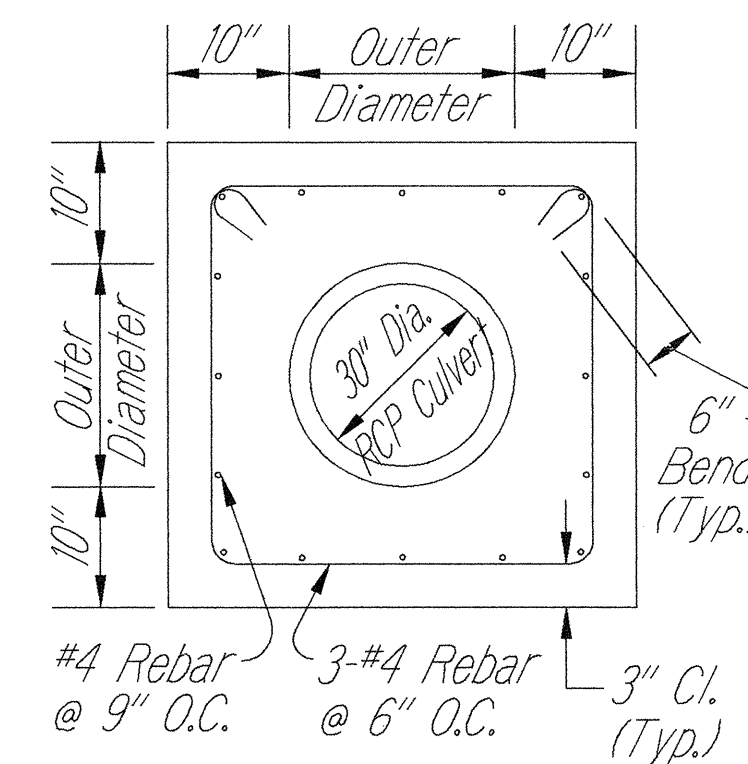
TYPE "B"

CONCRETE DROP INTAKE

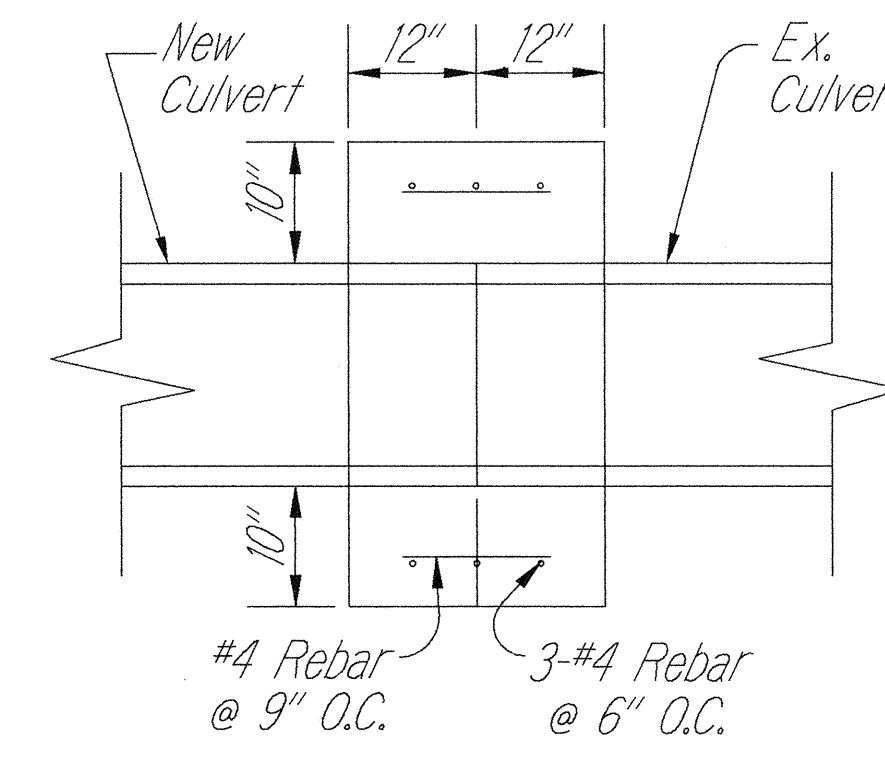
Scale: 1/2" = 1'-0"

GENERAL NOTES

- All Concrete shall be Class "A" unless otherwise noted.
- Exposed edges of all Drainage Structures shall be chamfered one inch.
- Reinforcing Steel for Concrete Structures shall conform to ASTM 615-Grade 60. Reinforcing Steel shall be considered incidental to Concrete for Drainage Structures.
- Culvert shall enter and leave Drop Intake from any position and in the direction indicated by the plans or ordered by the Engineer.
- Manhole Rungs (12" o.c.) are req'd. when "H" is greater than 4'-6". One rung (16 inches from the bottom) is required if "H" is 4'-6" or less. Install additional rungs when ordered by the Engineer.
- Sawcutting, Aggregate Subbase, Aggregate Base, SS-1 Tack Coat and Asphalt Concrete, Mix IV shall be considered incidental to the various contract items.



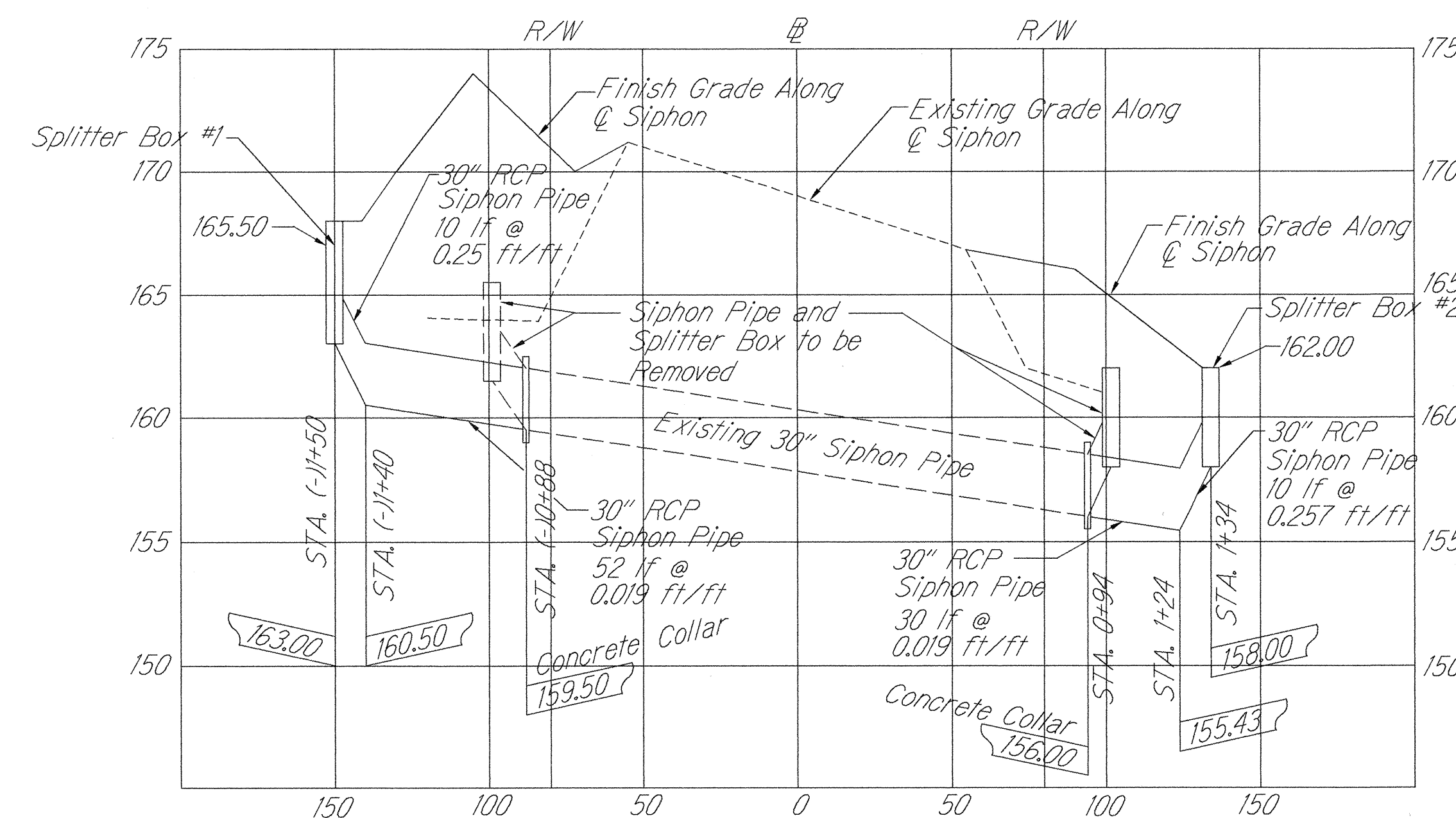
ELEVATION



SECTION

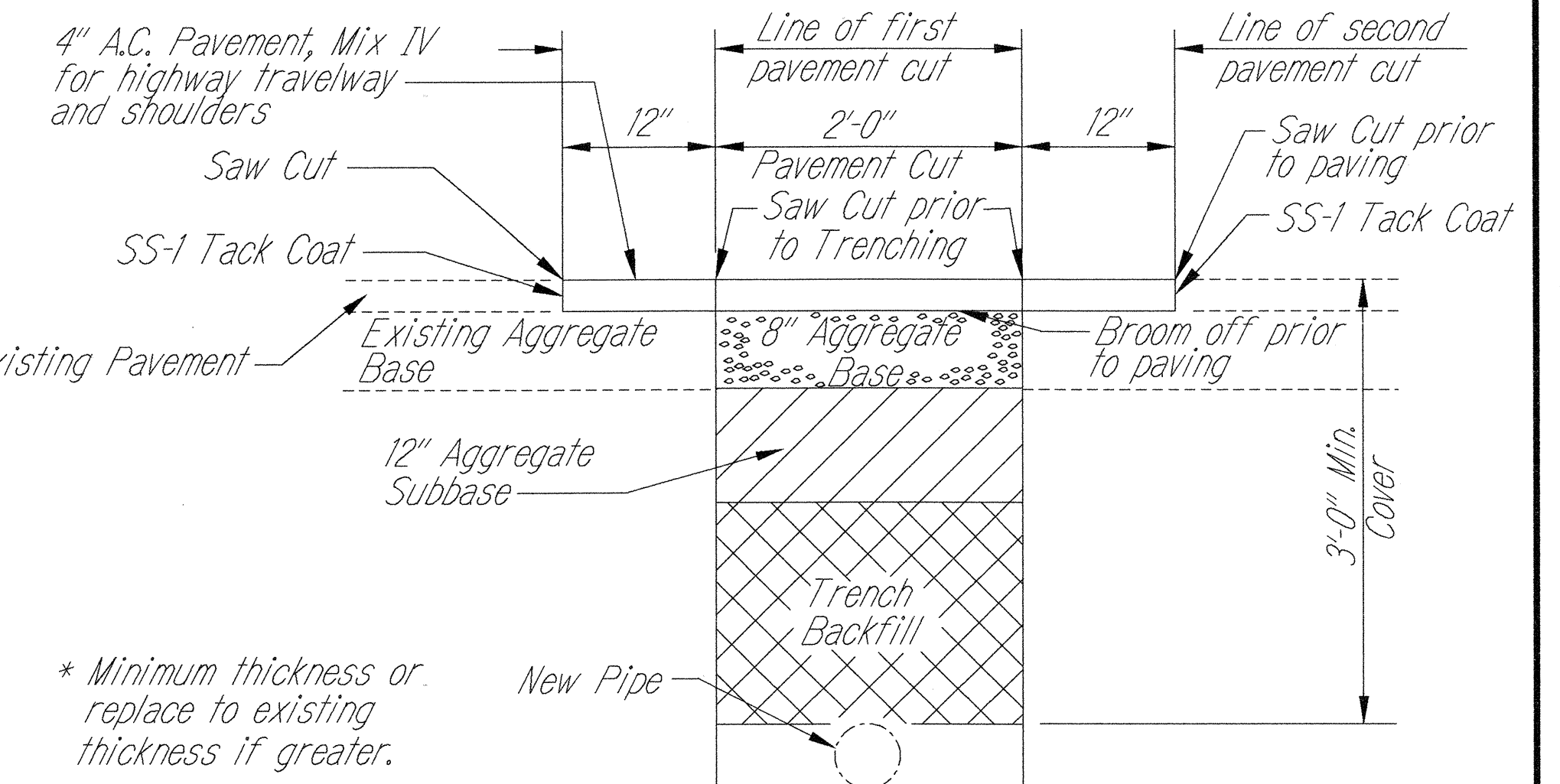
REINFORCED CONCRETE COLLAR (RCP CULVERT)

N.T.S.



PROFILE 30" SIPHON @ STA. 59+53.22

Scale: 1" = 40' Horizontal
1" = 4' Vertical



PAVEMENT RESTORATION DETAIL
IN STATE HIGHWAYS

N.T.S.



1

9/1/99 Deleted Concrete Curb Detail
Revised Pavement
Restoration Detail.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS

LIHUE GATEWAY LANDSCAPE
BEAUTIFICATION PROJECT

Scale: N.T.S.

Date: July 31, 1998

SHEET No. C - 7 OF 10 SHEETS

DATE	DATE	DATE	DATE	DATE	DATE
DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY
NOTED BY	NOTED BY	NOTED BY	NOTED BY	NOTED BY	NOTED BY
CHECKED BY	CHECKED BY	CHECKED BY	CHECKED BY	CHECKED BY	CHECKED BY
DATE	DATE	DATE	DATE	DATE	DATE

AD8.dgn

ADD.8