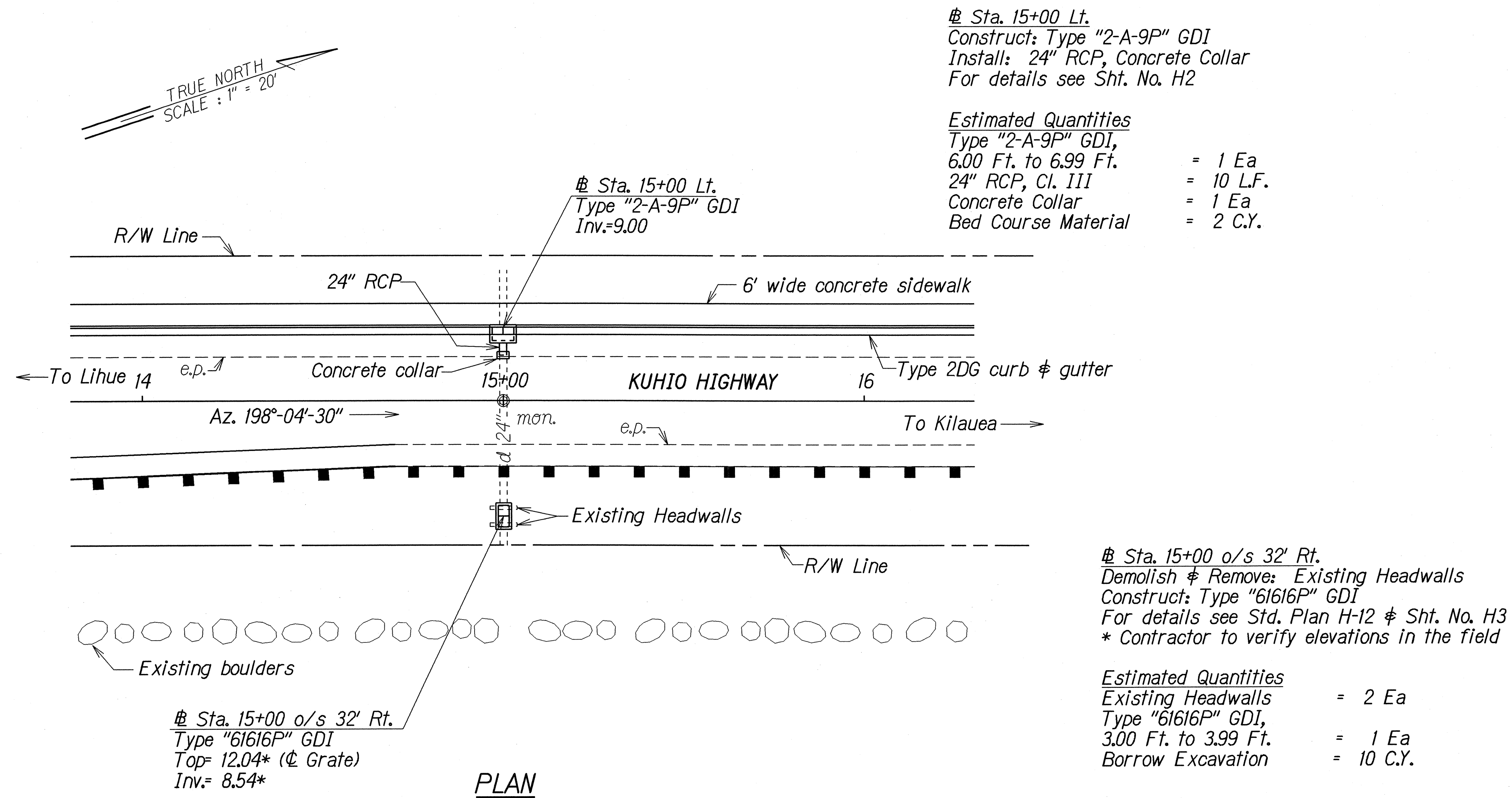


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56B-01-01M	2003	20	34



DRAINAGE IMPROVEMENTS AT # STA. 15+00

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

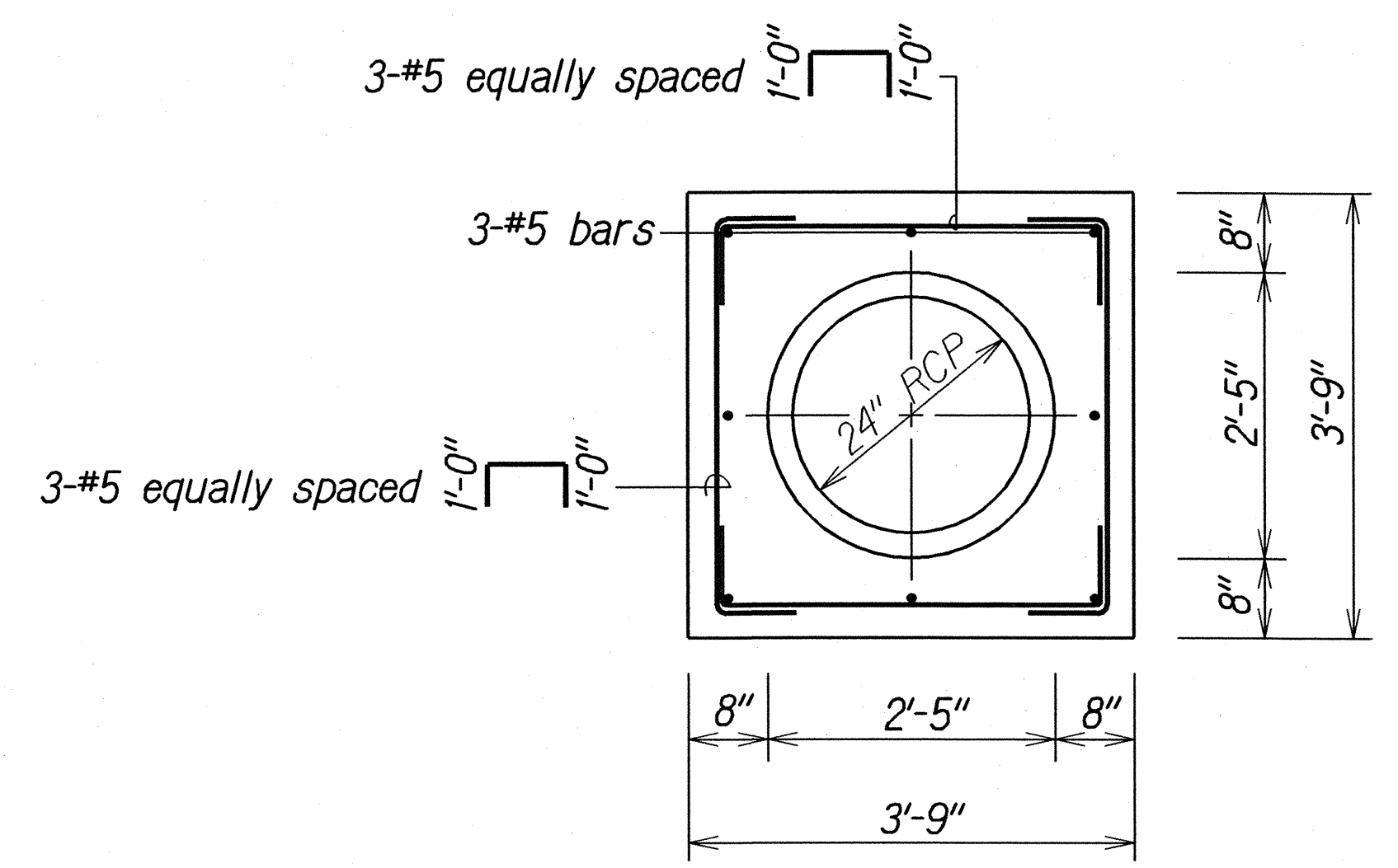
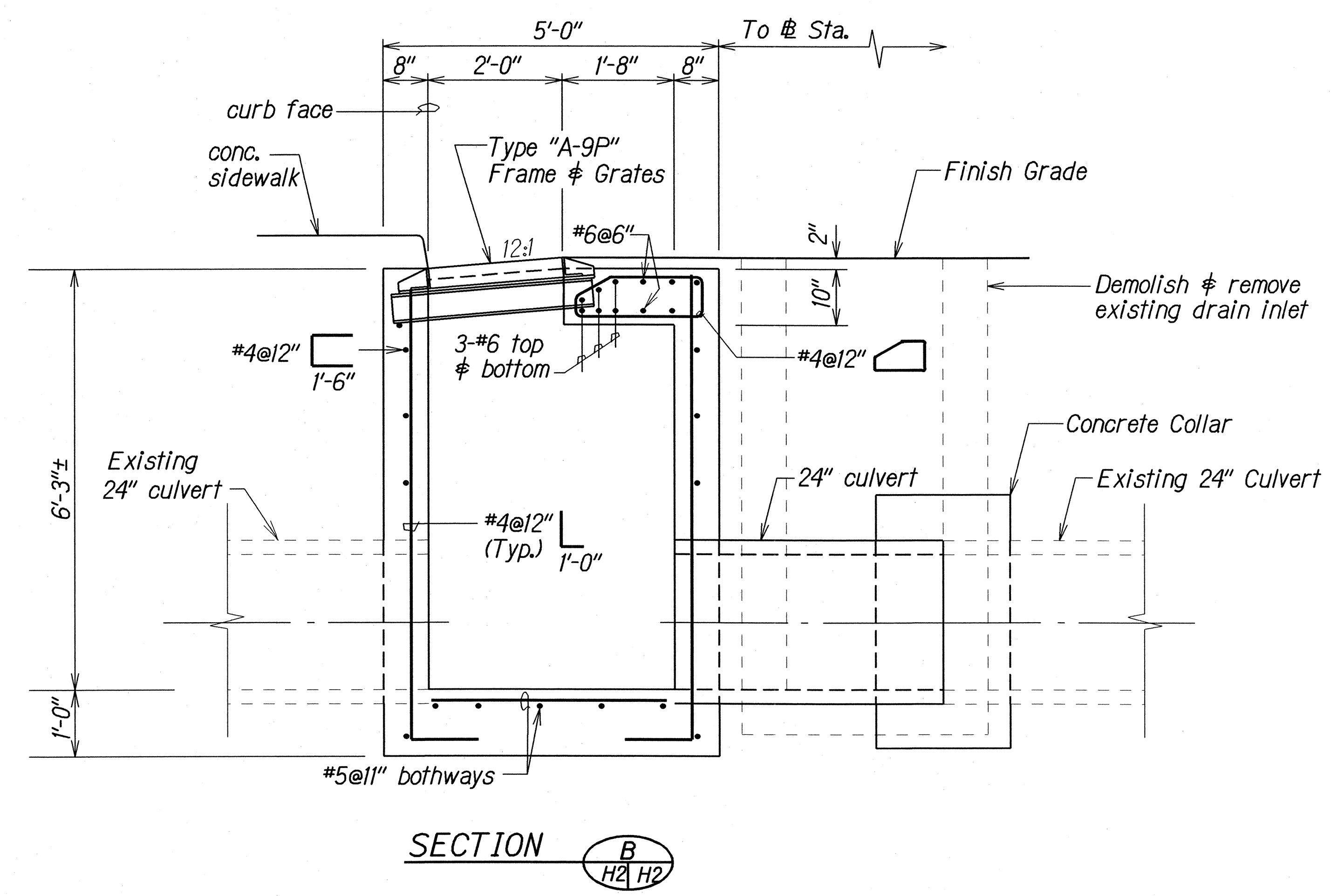
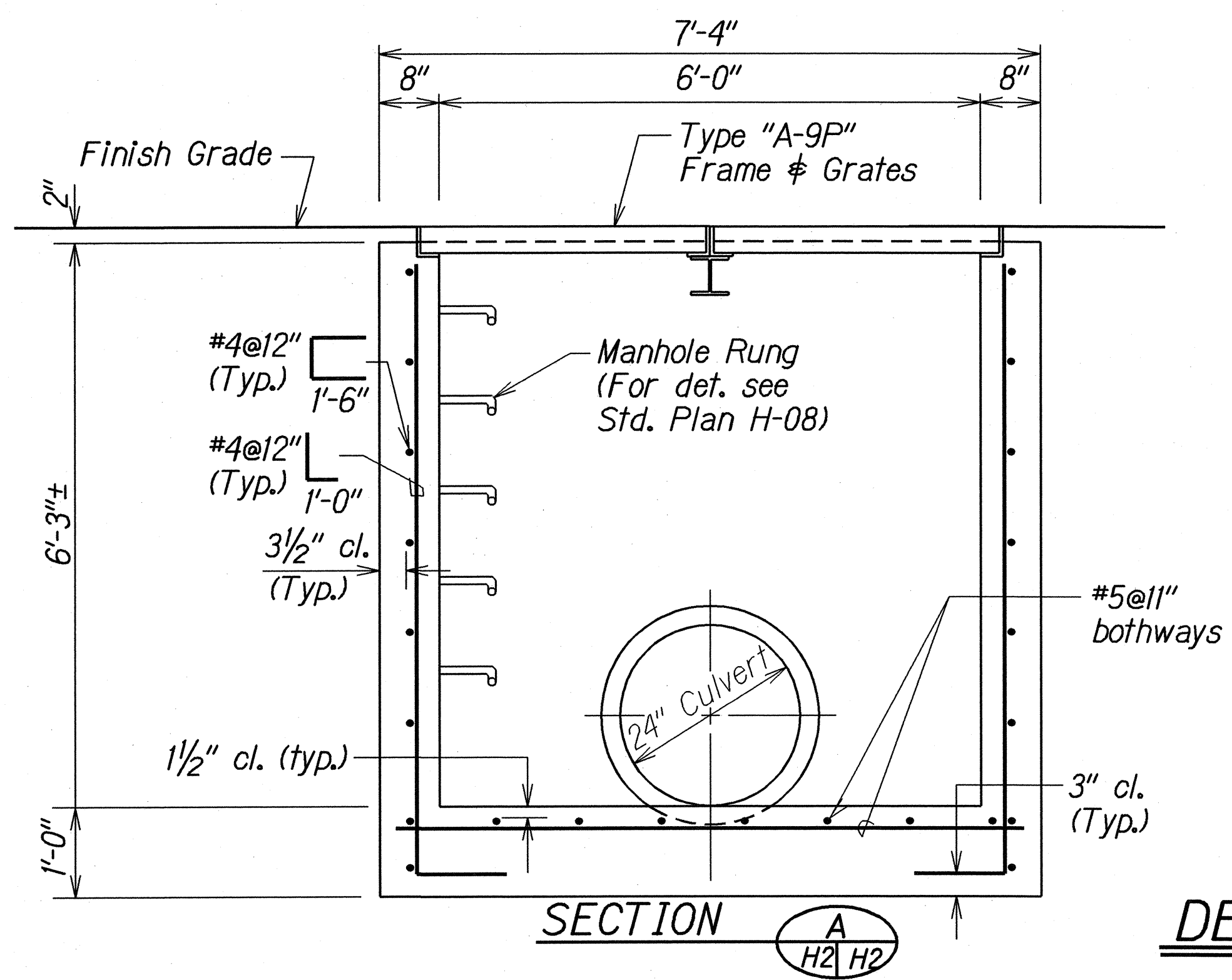
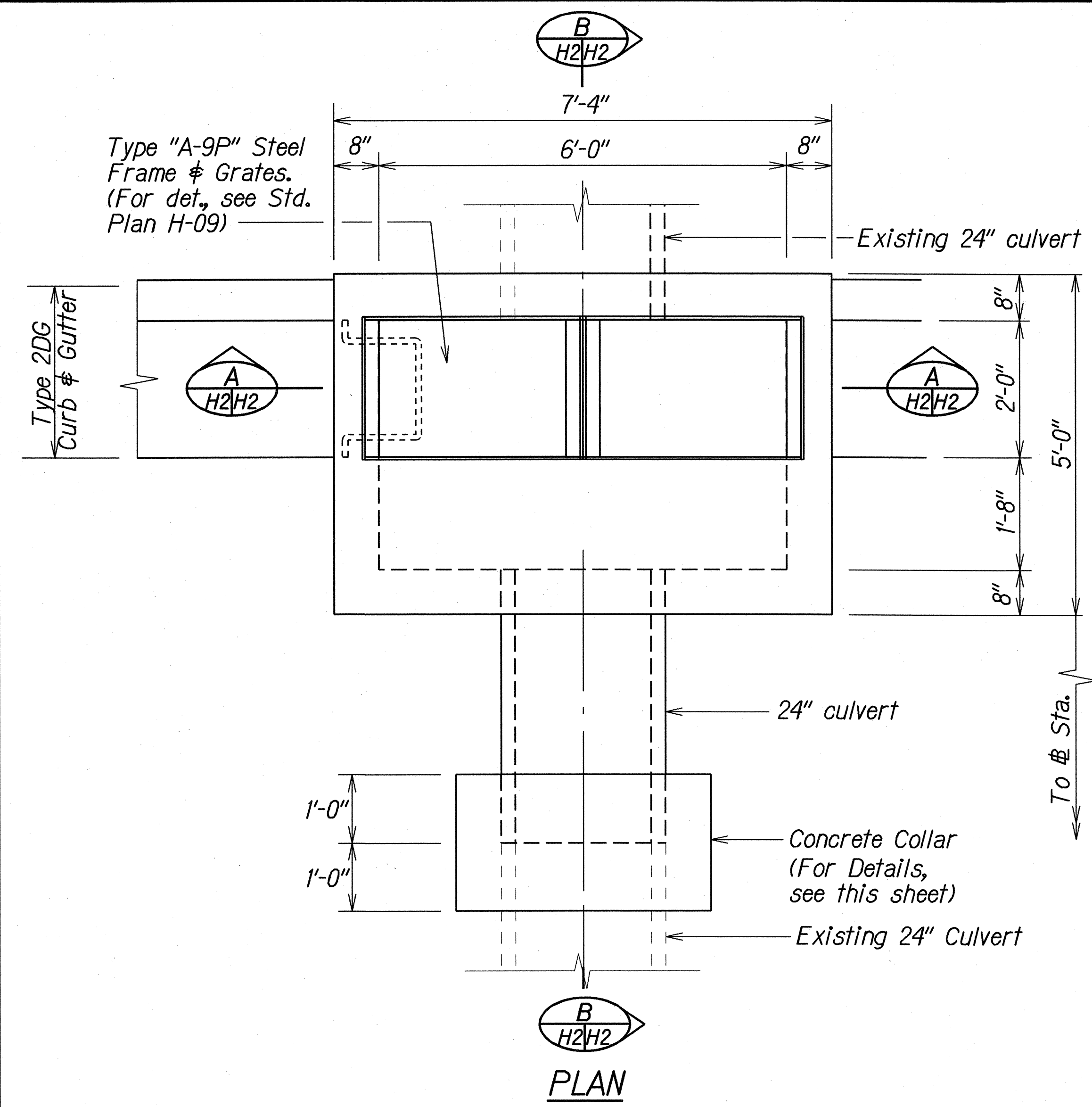
DRAINAGE PLAN

KUHIO HIGHWAY RESURFACING
Vicinity of Kealia
Project No. 56B-01-01M

Scale: 1"=20'
Date: Apr, 2003

SHEET No. **HI** OF **3** SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56B-01-01M	2003	21	34



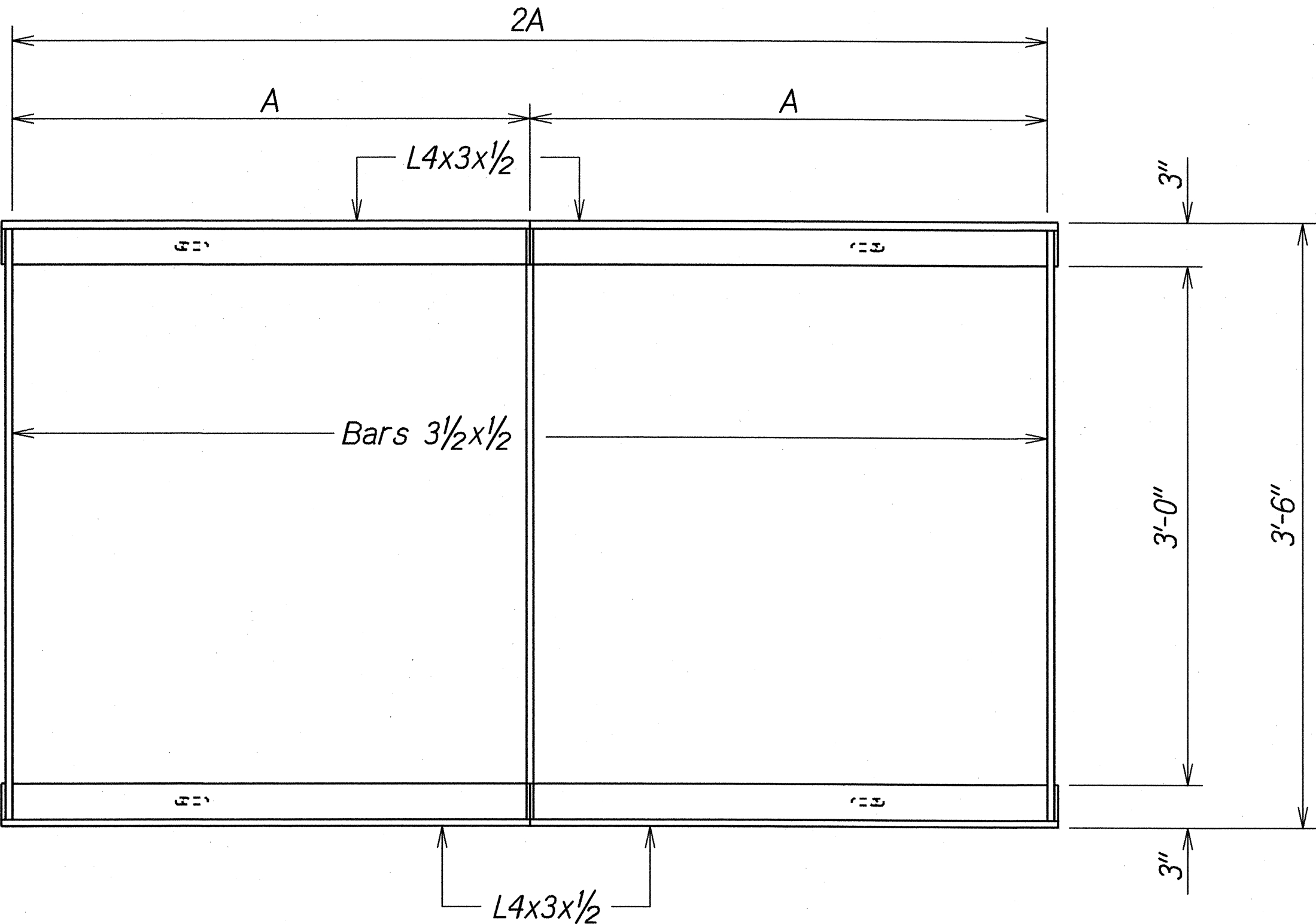
DETAILS OF TYPE "2-A-9P" GRATED DROP INLET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

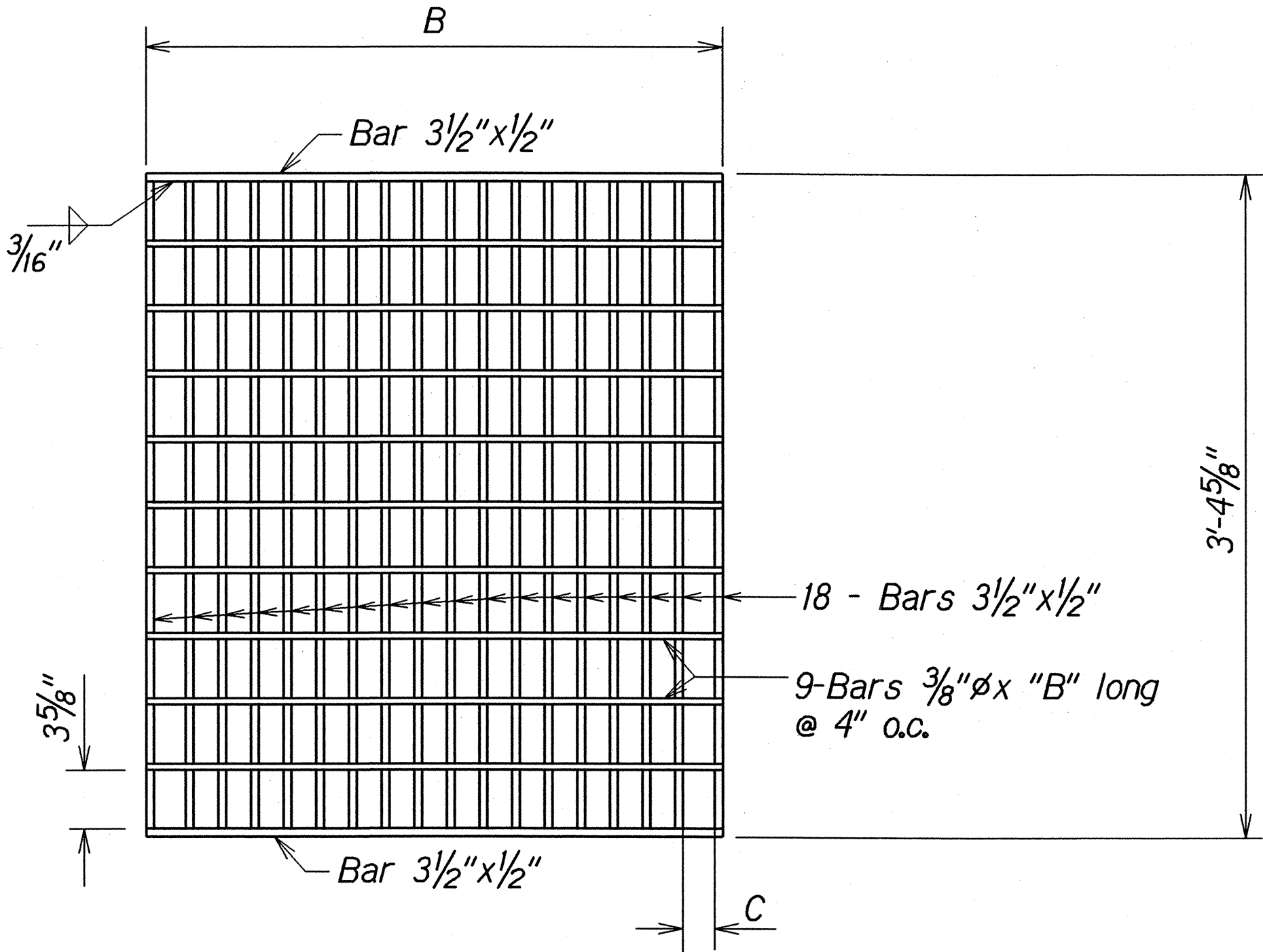
DRAINAGE DETAIL
KUHIO HIGHWAY RESURFACING
Vicinity of Kealia
Proj. No. 56B-01-01M
Scale: 3/4"=1'-0" Date: Apr, 2003
SHEET No. H2 OF 3 SHEETS

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	DESIGNED BY	
FIELD	CHECKED BY	
SKETCH		

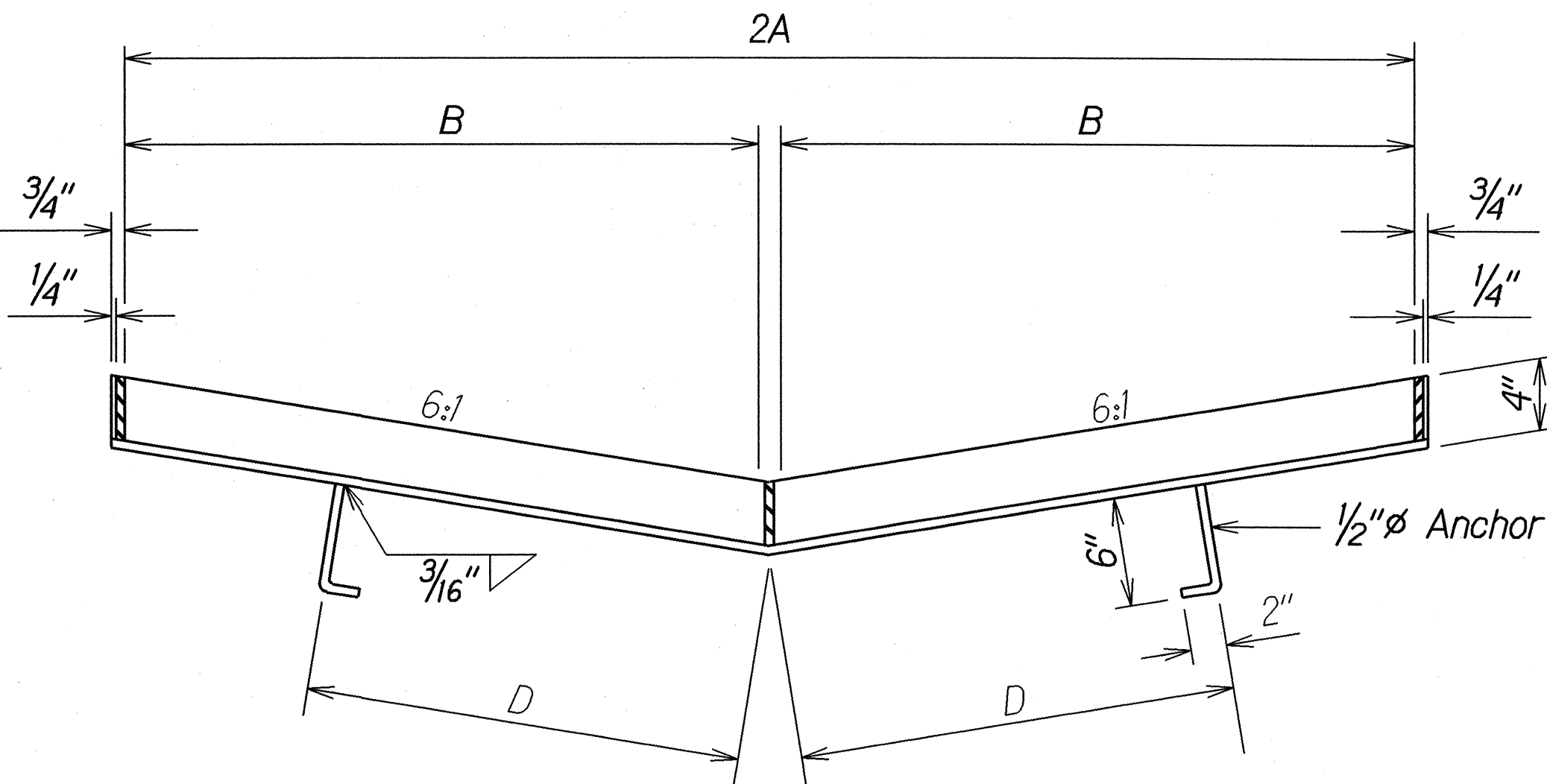
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56B-01-01M	2003	22	34



PLAN

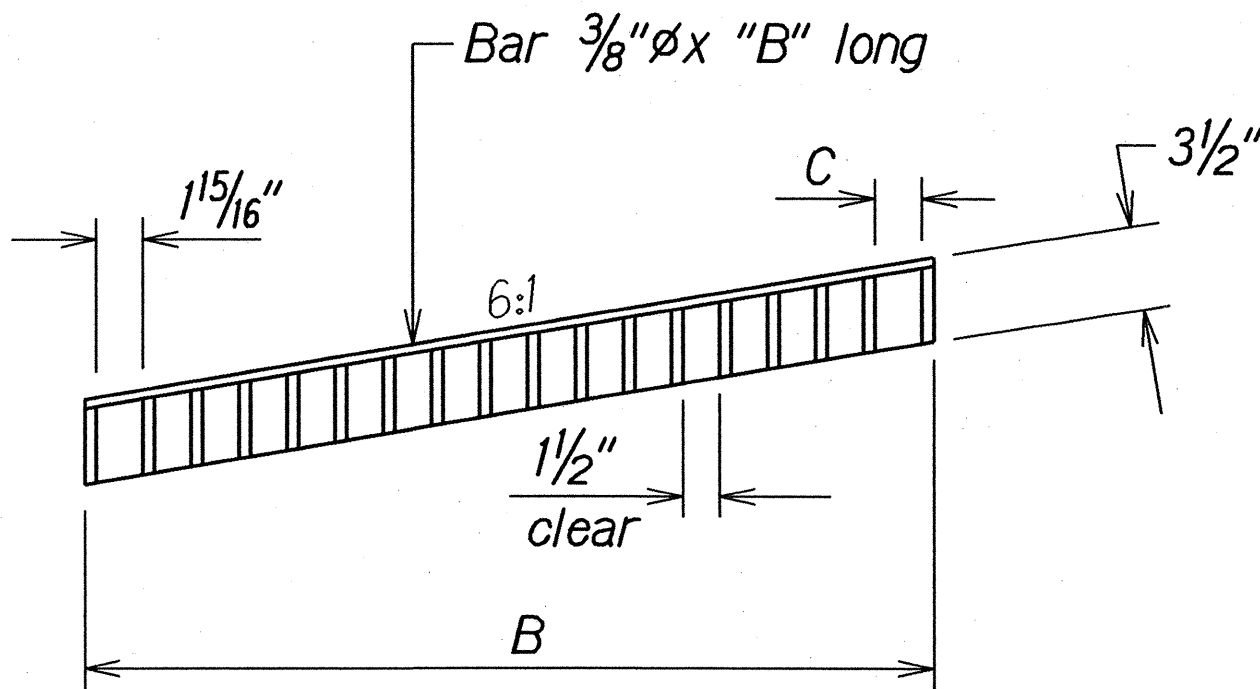


PLAN



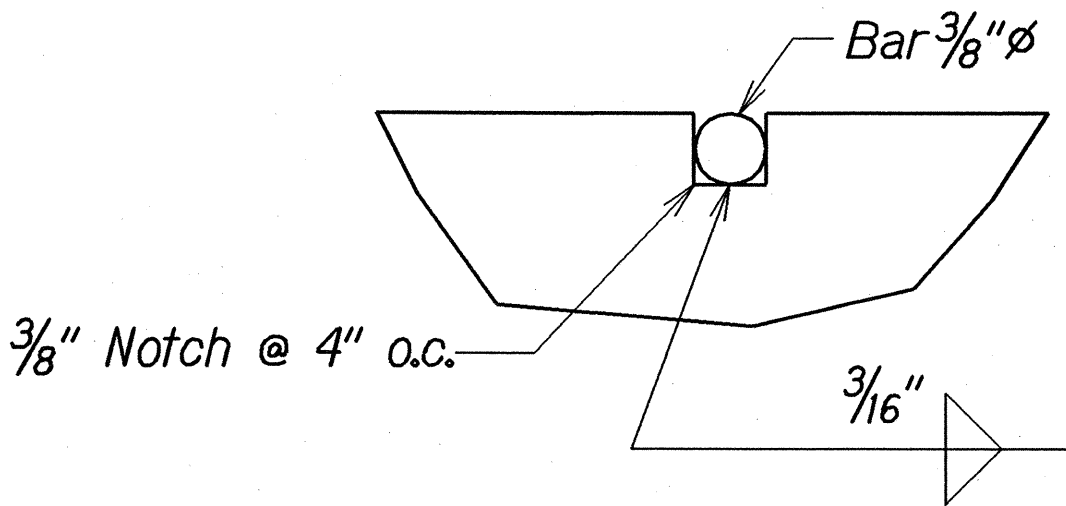
SECTION

FRAME



SECTION

GRATE



NOTCH DETAIL
Full Size

DIMENSIONS					
TYPE	NO. BARS	A	B	C	D
61614P	12	2'-0"	1'-11 1/2"	2"	1'-6"
61616P	18	3'-0"	2'-11 3/8"	1 15/16"	2'-0"

GENERAL NOTE

1. All welds 3/8" unless otherwise noted.

TYPE 61614P & 61616P STEEL FRAME AND GRATES

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	TRACED BY	
6161614P	QUANTITIES BY	
6161616P	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS
KUHIO HIGHWAY RESURFACING
Vicinity of Kealia
Project No. 56B-01-01M

Scale: 1 1/2"=1'-0"
Date: Apr, 2003

SHEET No. H3 OF 3 SHEETS