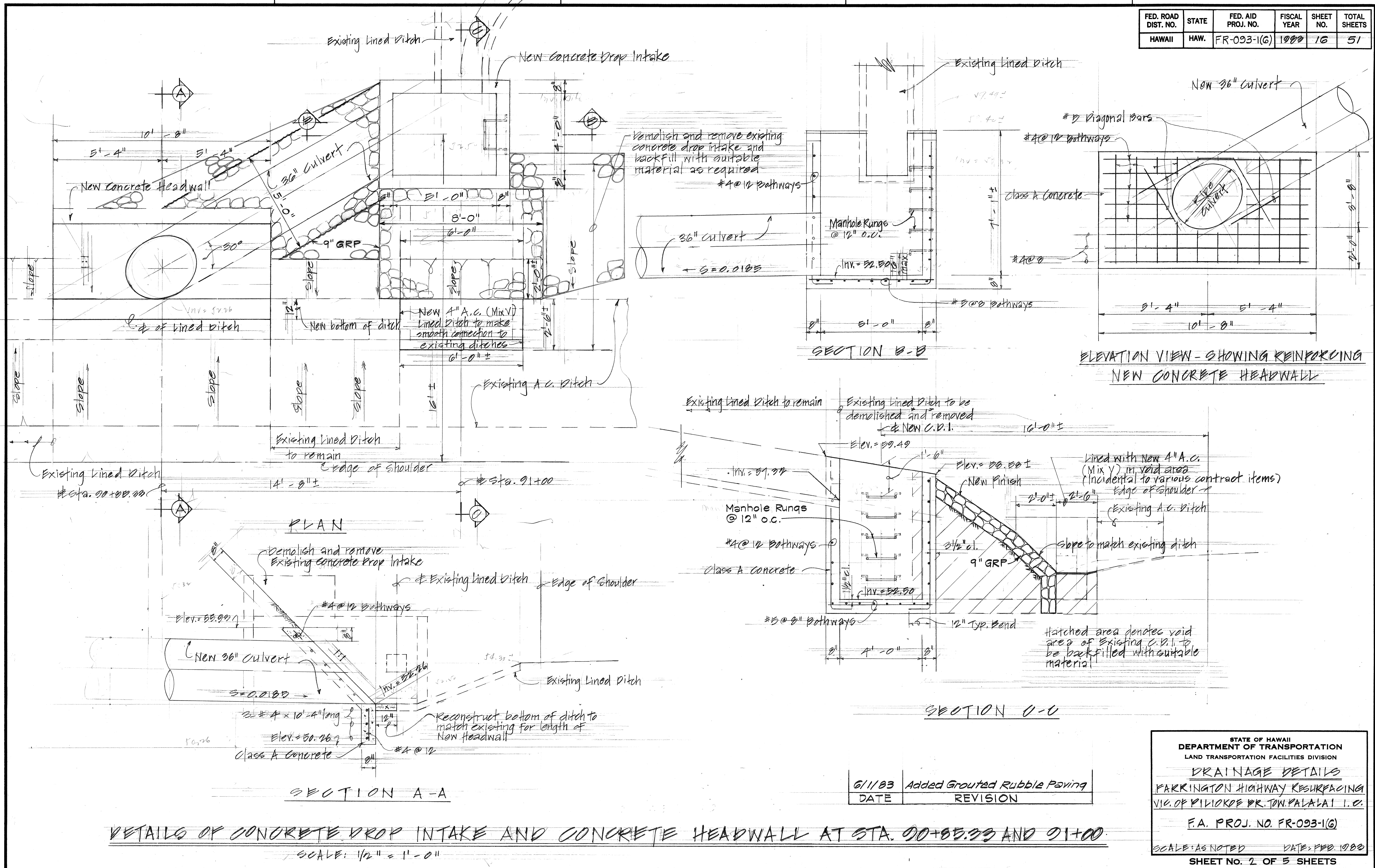


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-093-1(6)	1989	16	51



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

6/1/83	Added Grouted Rubble Paving
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

DRAINAGE DETAILS

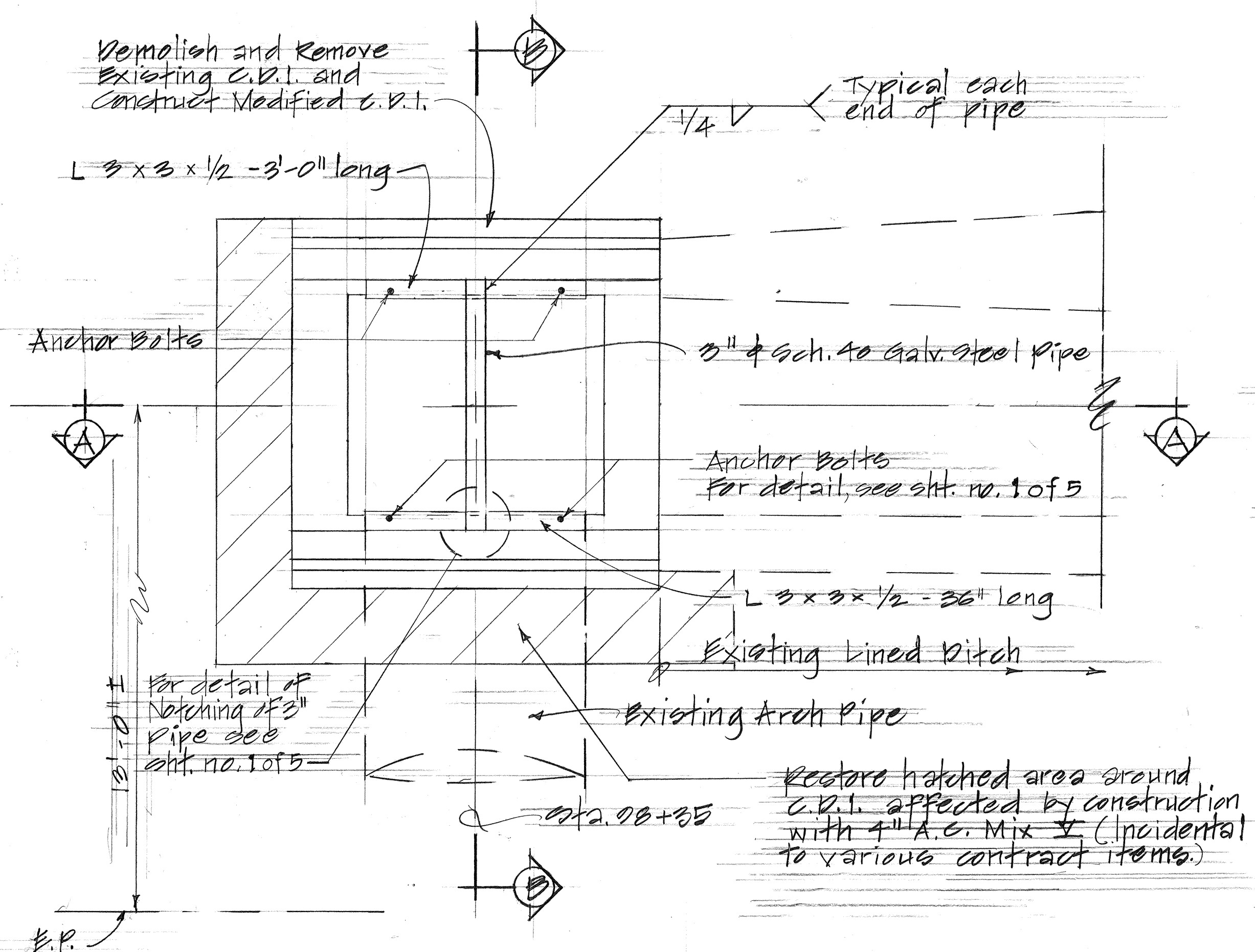
PARKINGTON HIGHWAY RESURFACING
VIC. OF PIILOKOP DR. TOW. PALALAI I. O.

F.A. PROJ. NO. FR-093-1(6)

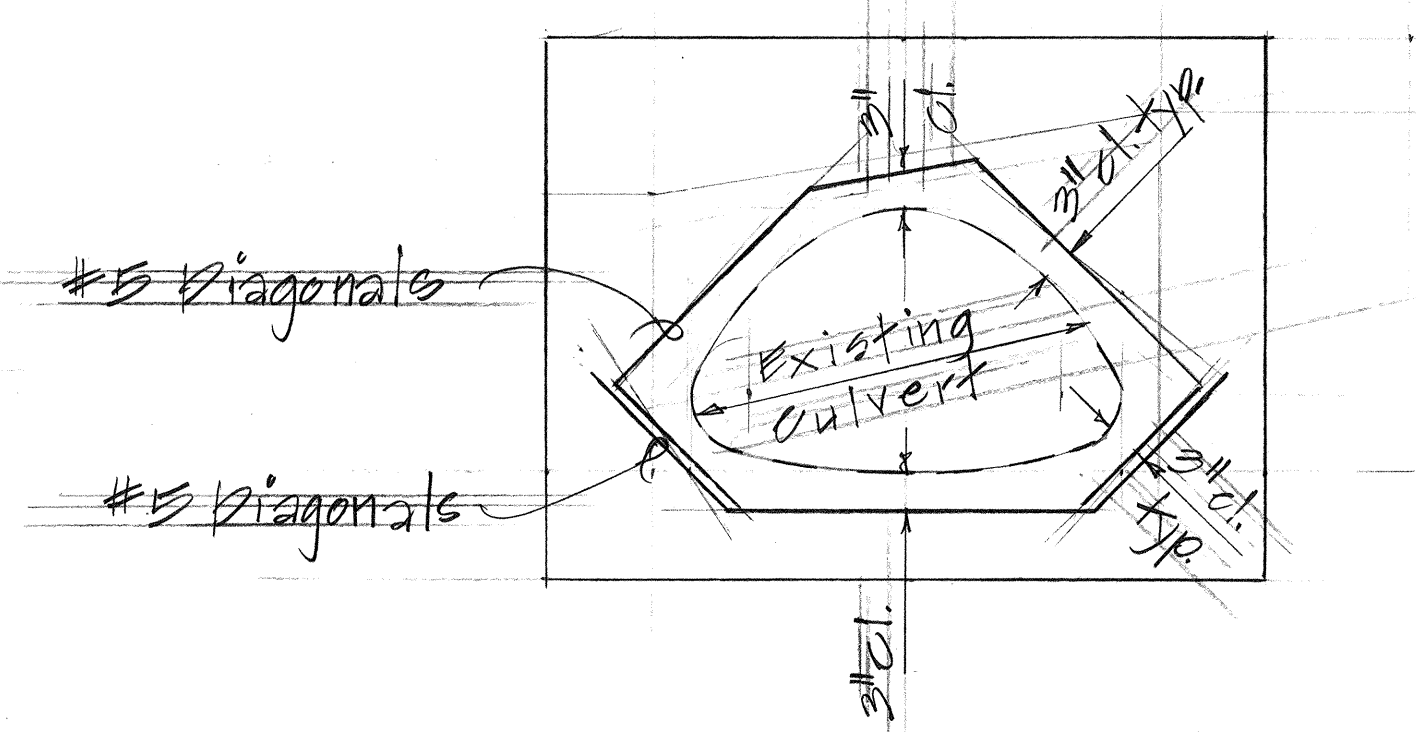
SCALE: AS NOTED DATE: FEB. 1989

SHEET NO. 2 OF 5 SHEETS

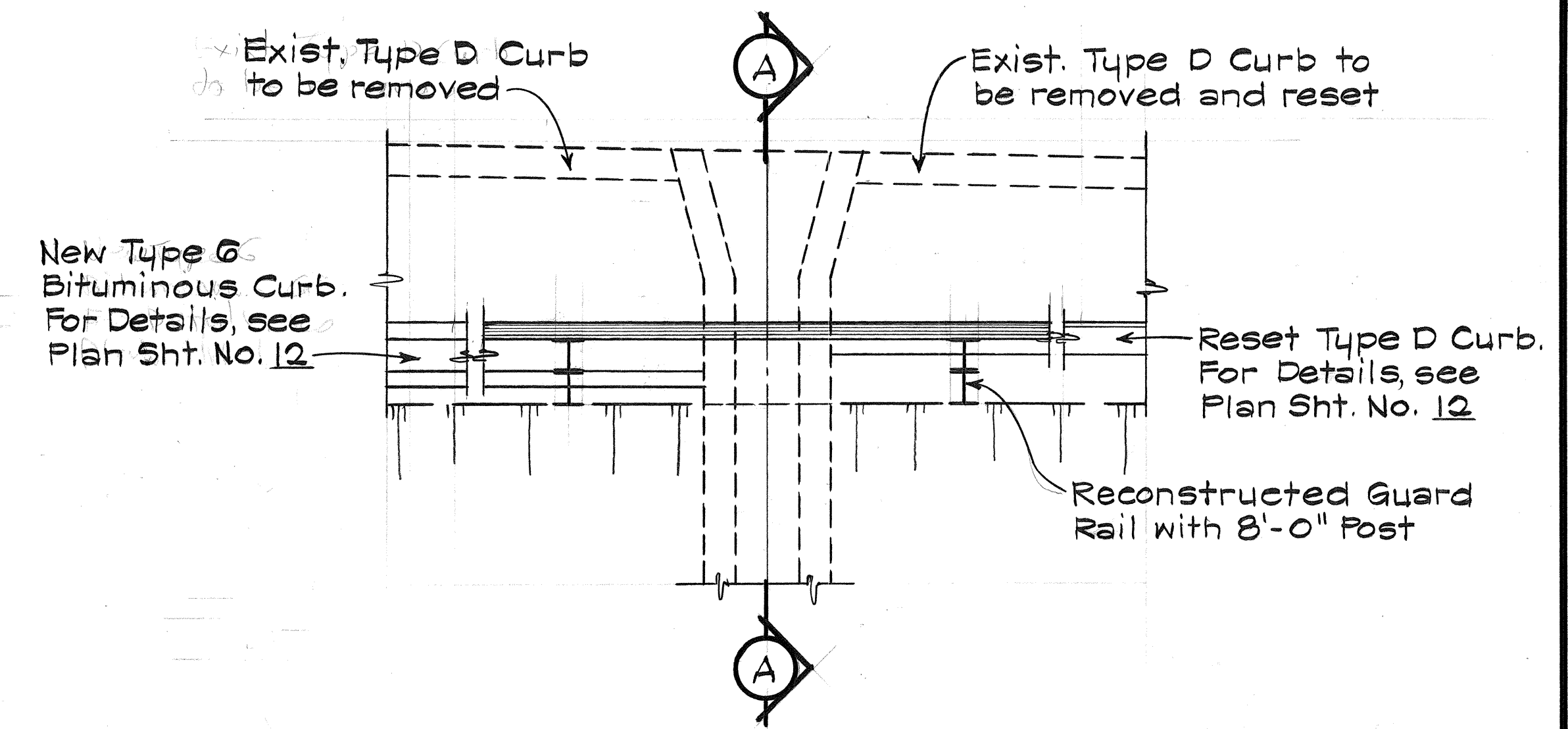
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-093-1(G)	1983	17	51



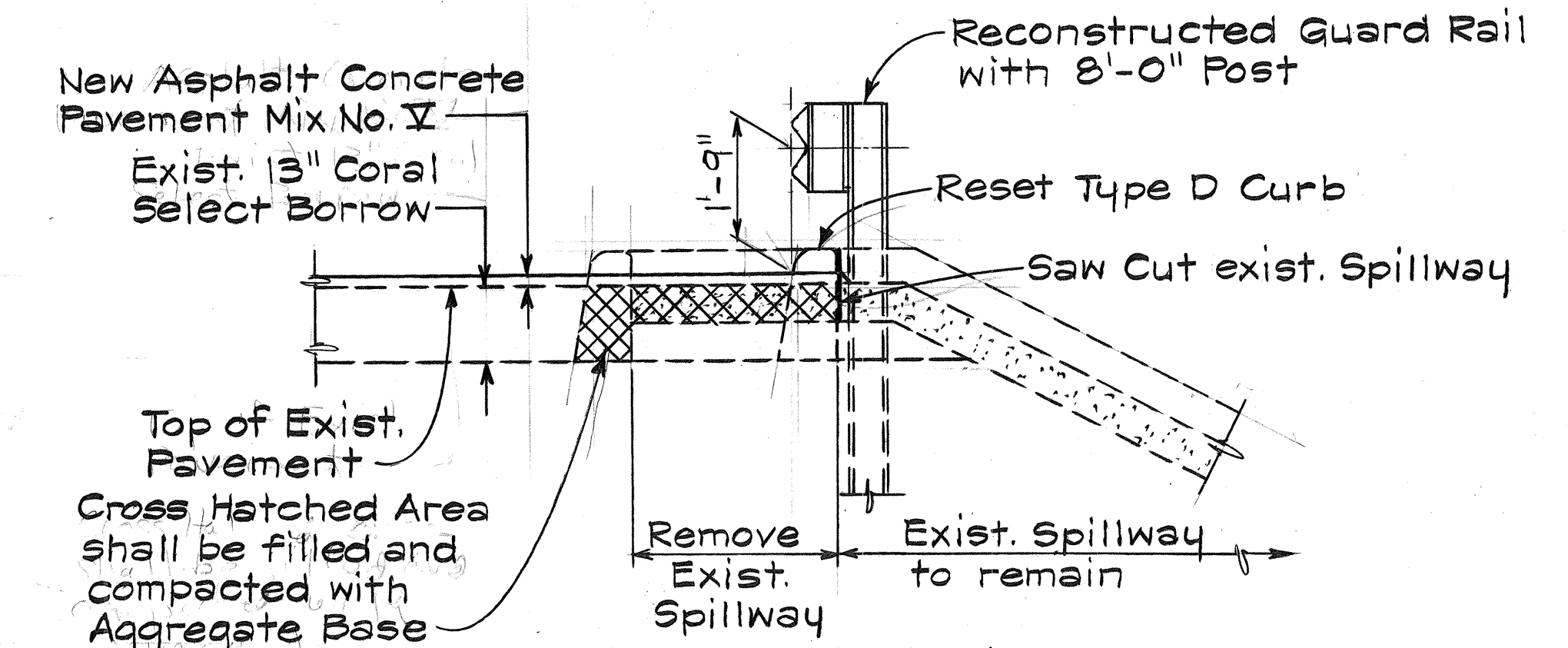
PLAN
SCALE: 3/4" = 1'-0"



ADDITIONAL REINFORCING AT CULVERT OPENING
SCALE: 3/4" = 1'-0"

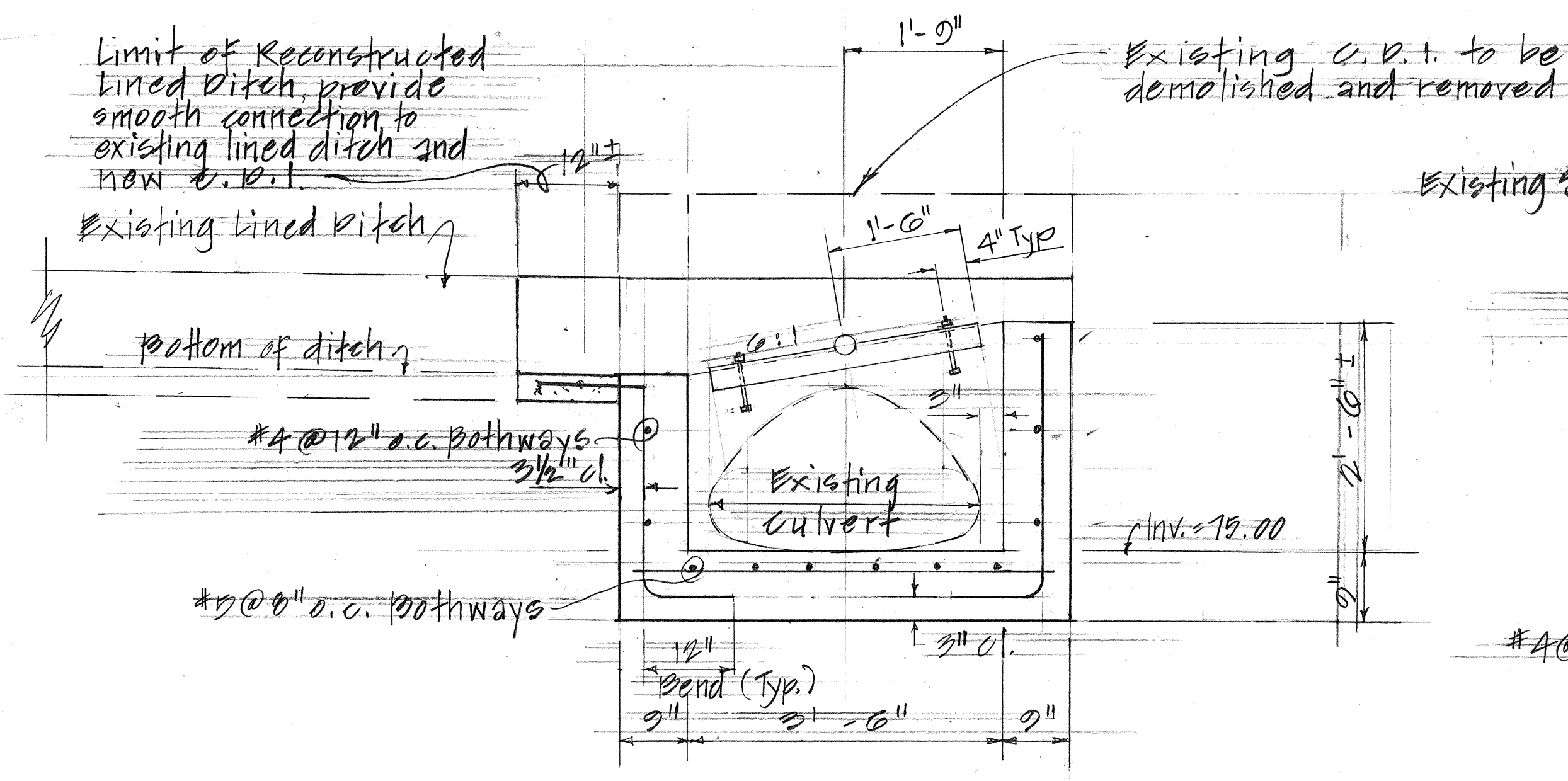


PLAN

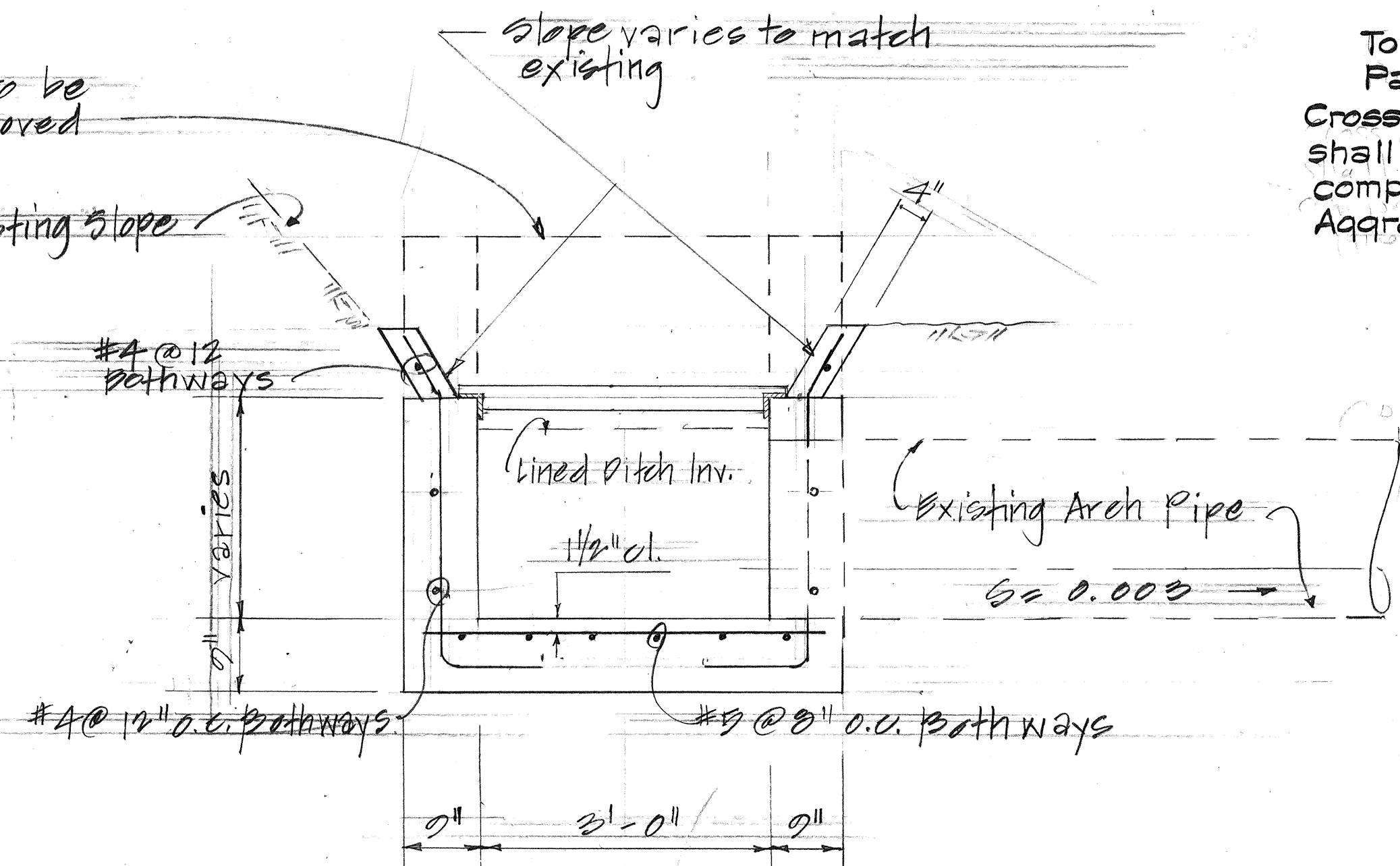


SECTION A-A

RECONSTRUCTION OF CONCRETE SPILLWAY AT STA. 135+50± RT.
Not to Scale



SECTION A-A
SCALE: 3/4" = 1'-0"



SECTION B-B
SCALE: 3/4" = 1'-0"

DETAILS OF MODIFIED CONCRETE DROP INTAKE AT STA. 98+35 LT.

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

DRAINAGE DETAILS

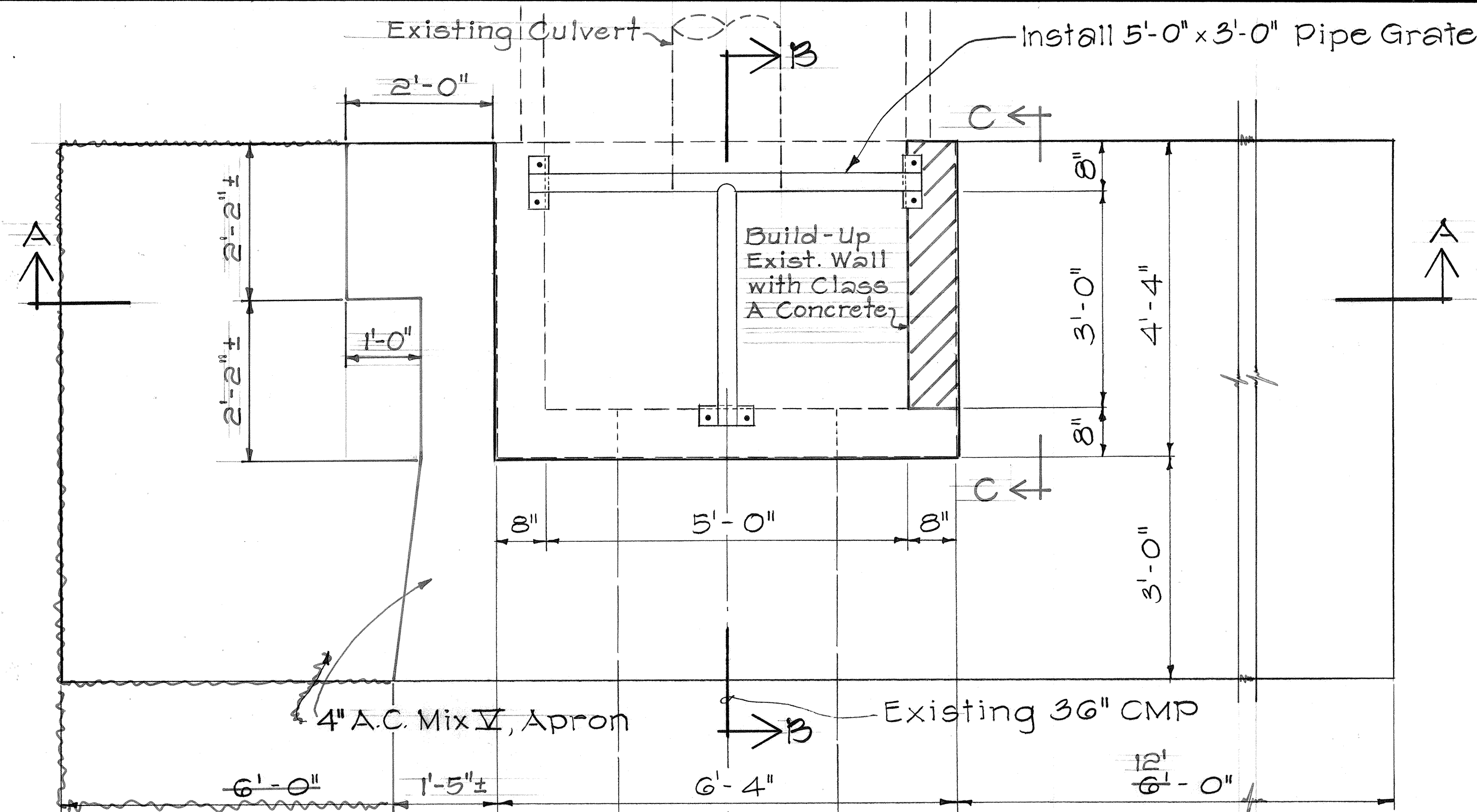
FARRINGTON HIGHWAY RESURFACING
VIC. OF PIILOKOE BR. TO PALALAI I.C.

F.A. PROJ. NO. FR-093-1(G)

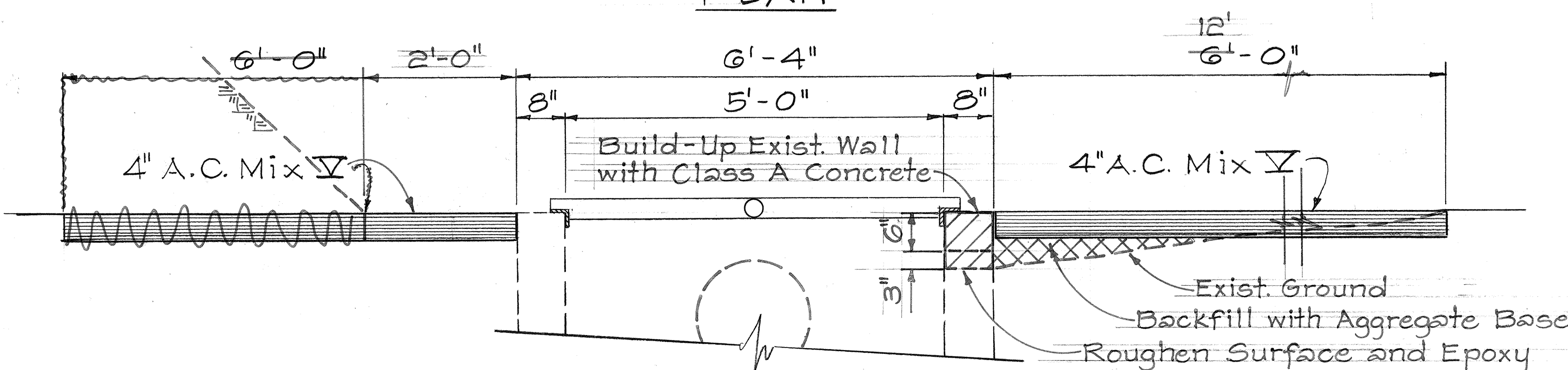
SCALE: AS NOTED DATE: MAR. 1983

SHEET No. 3 OF 5 SHEETS

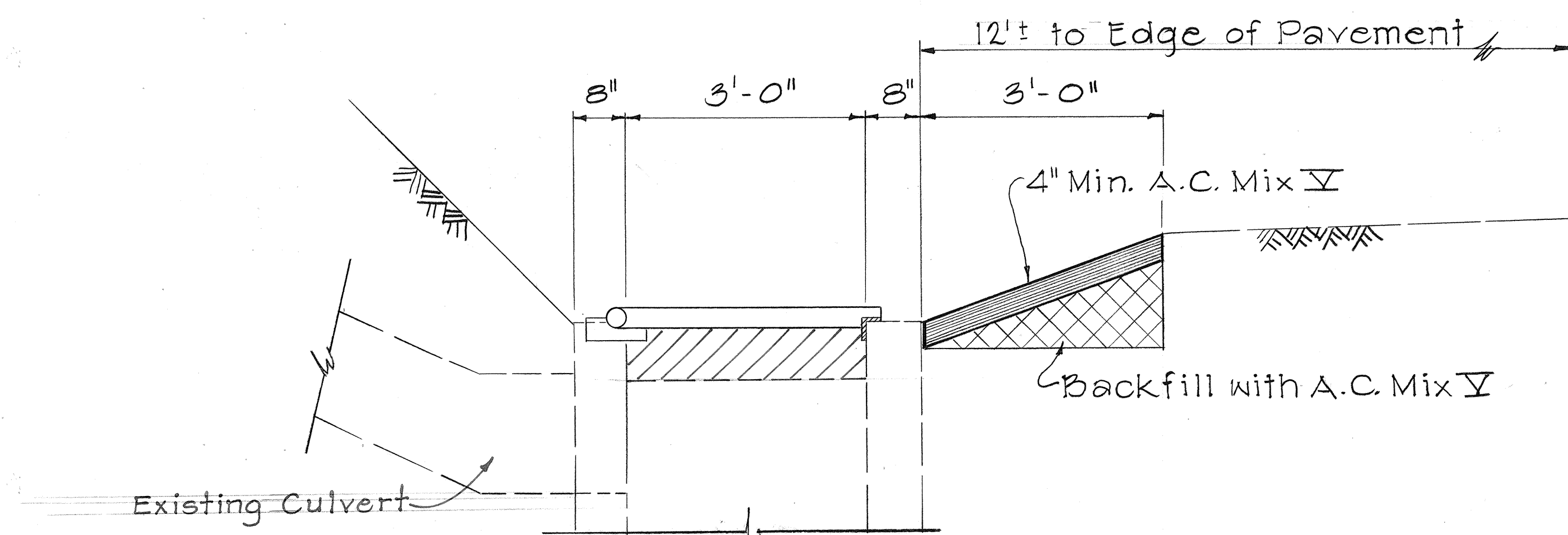
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-093-1(6)	1983	18	51



PLAN



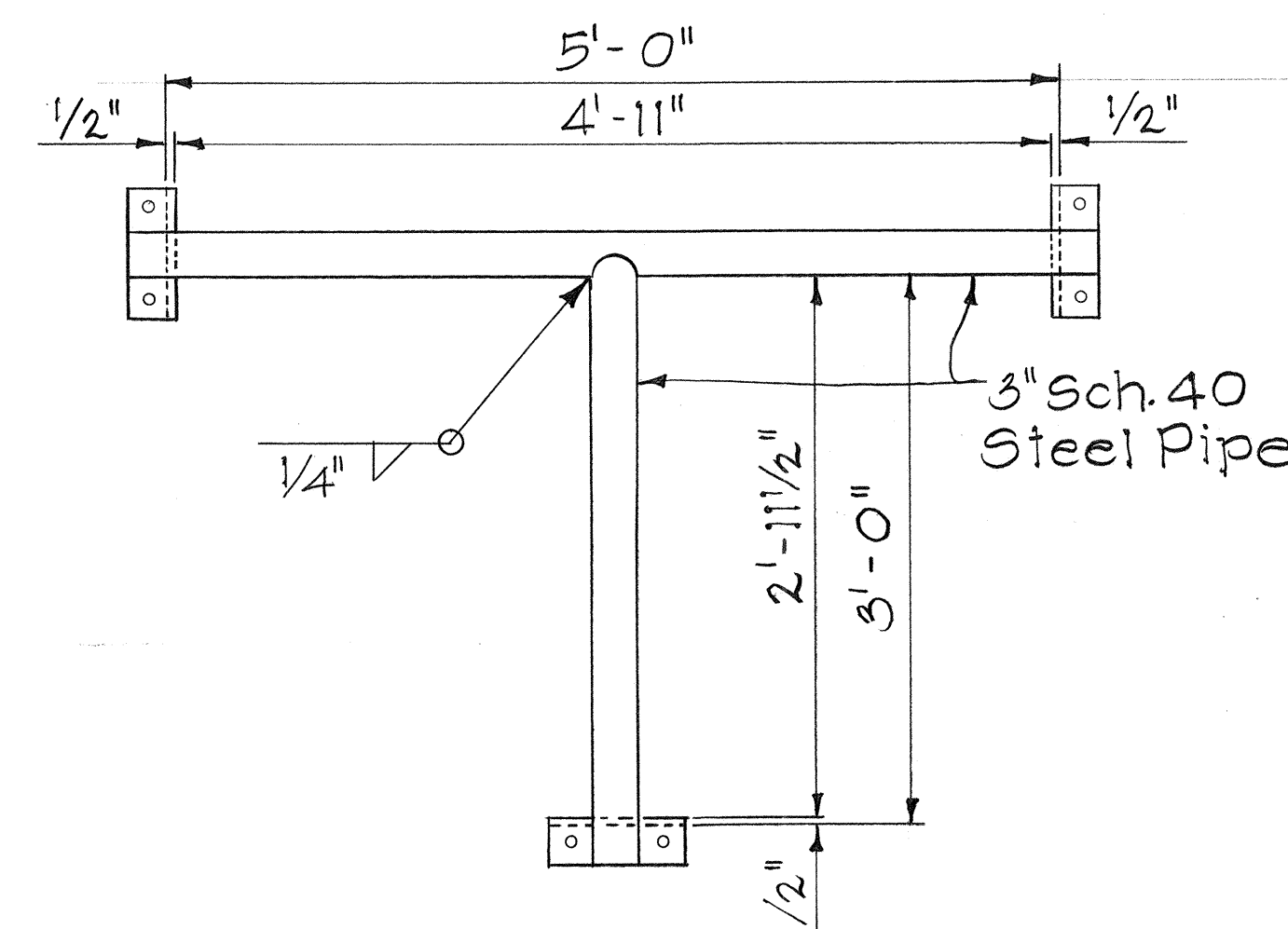
SECTION A-A



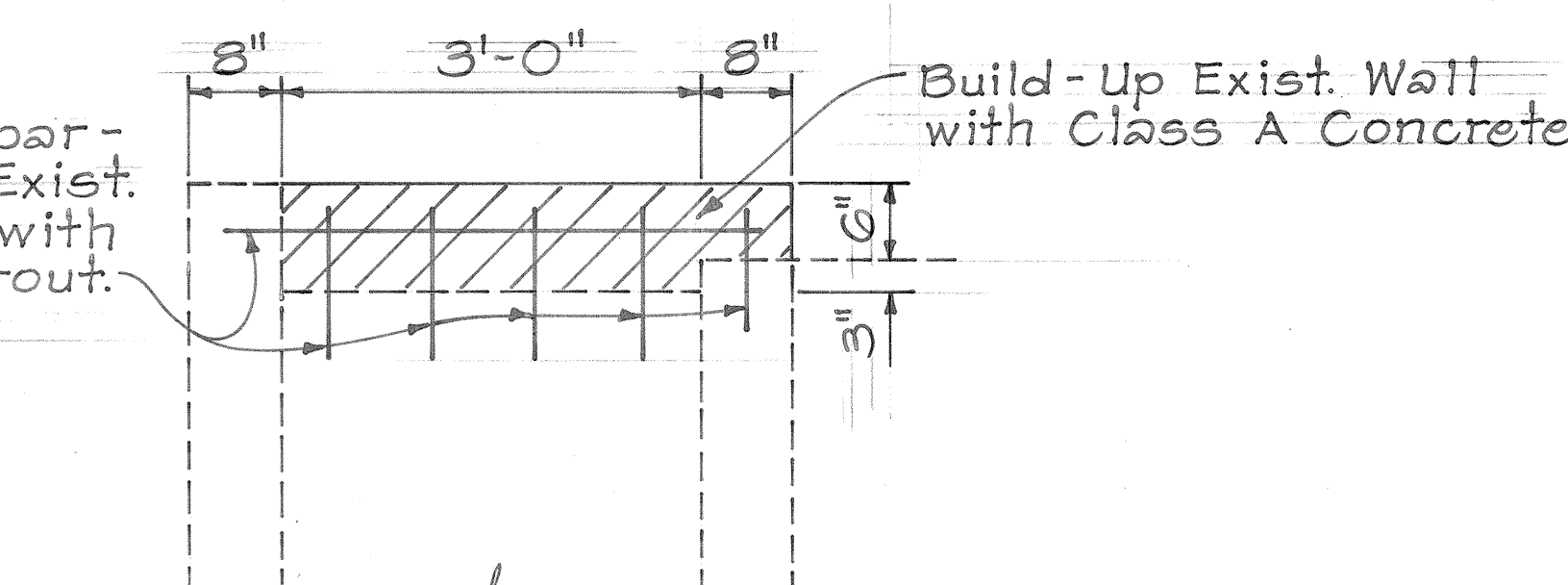
SECTION B-B

DETAIL OF A.C. MIX V APRON AT STA. 236+15 LT

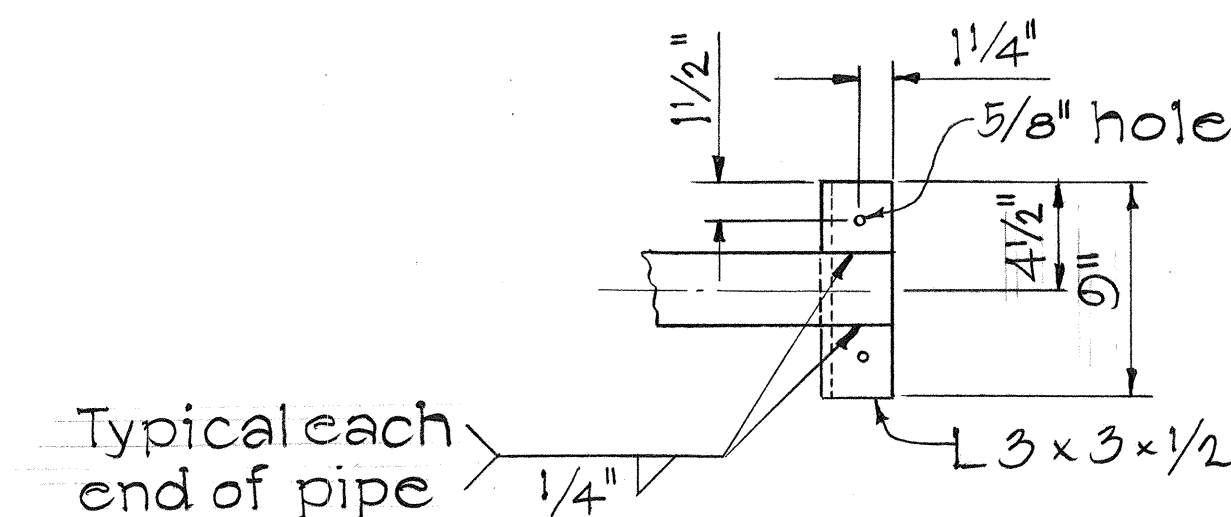
Scale: 3/4" = 1'-0"



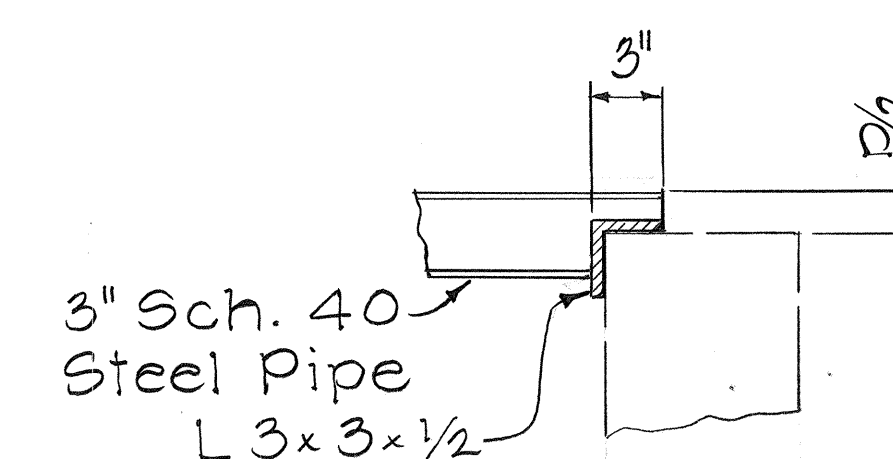
PLAN
Scale: 1" = 1'-0"



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



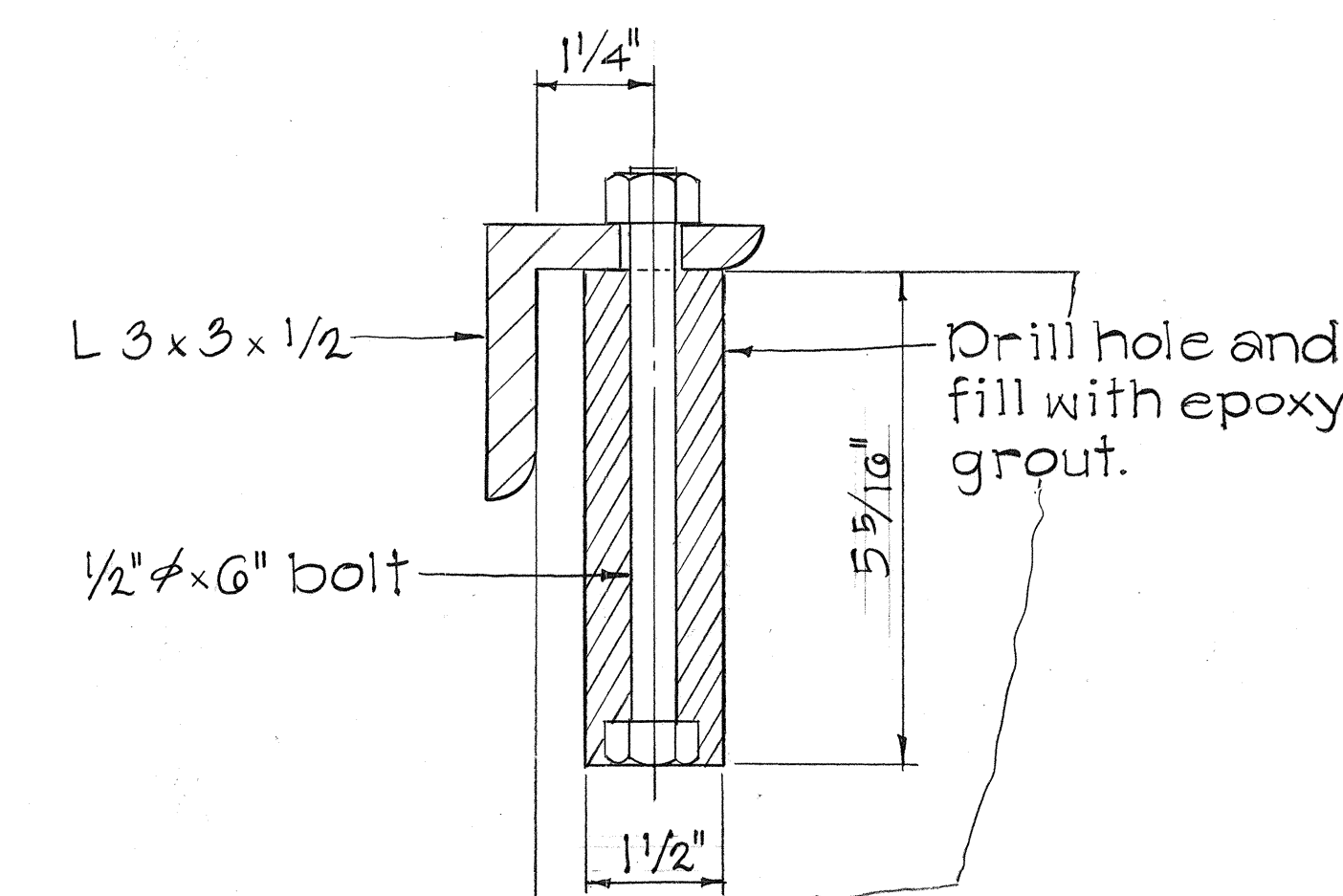
PLAN



SECTION

DETAIL OF PIPE GRATE SEAT

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



DETAIL OF ANCHOR BOLT IN EXISTING CONCRETE

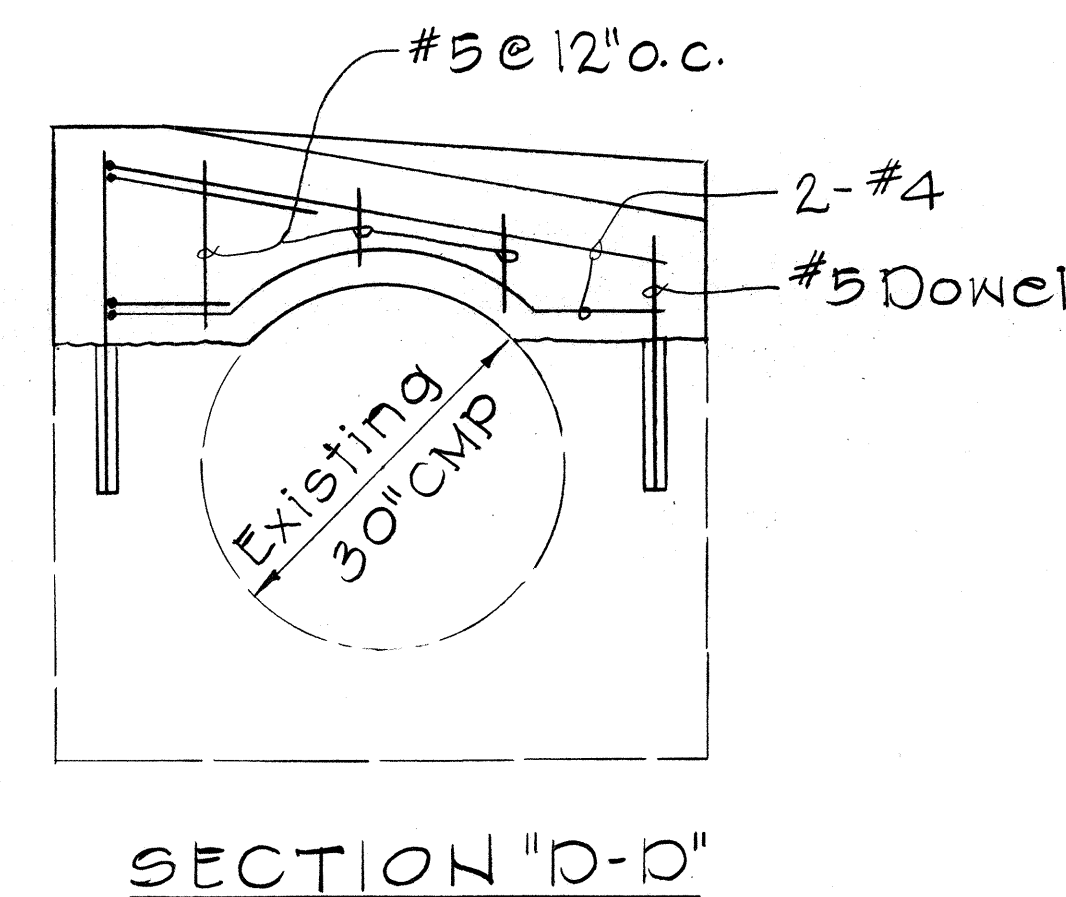
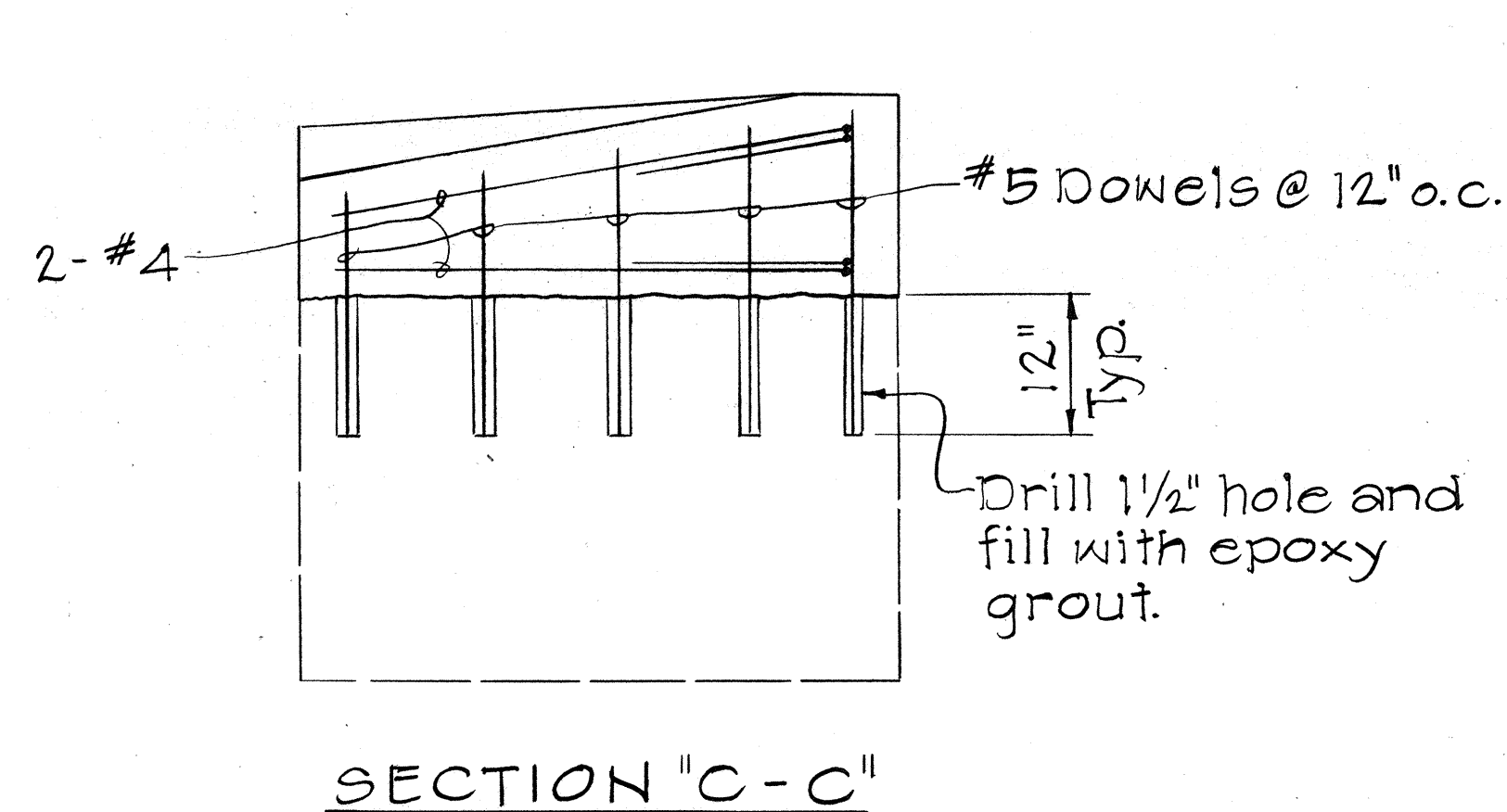
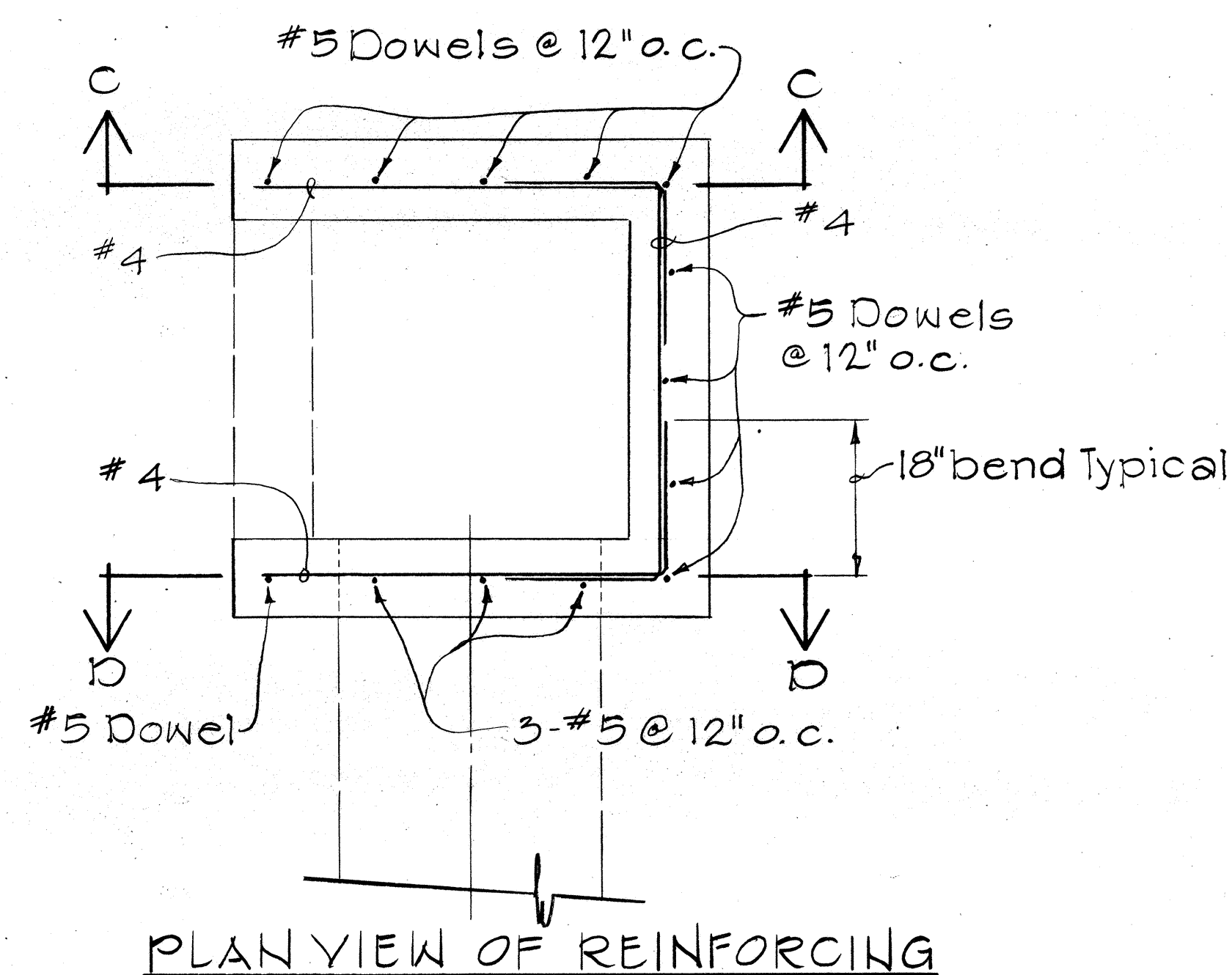
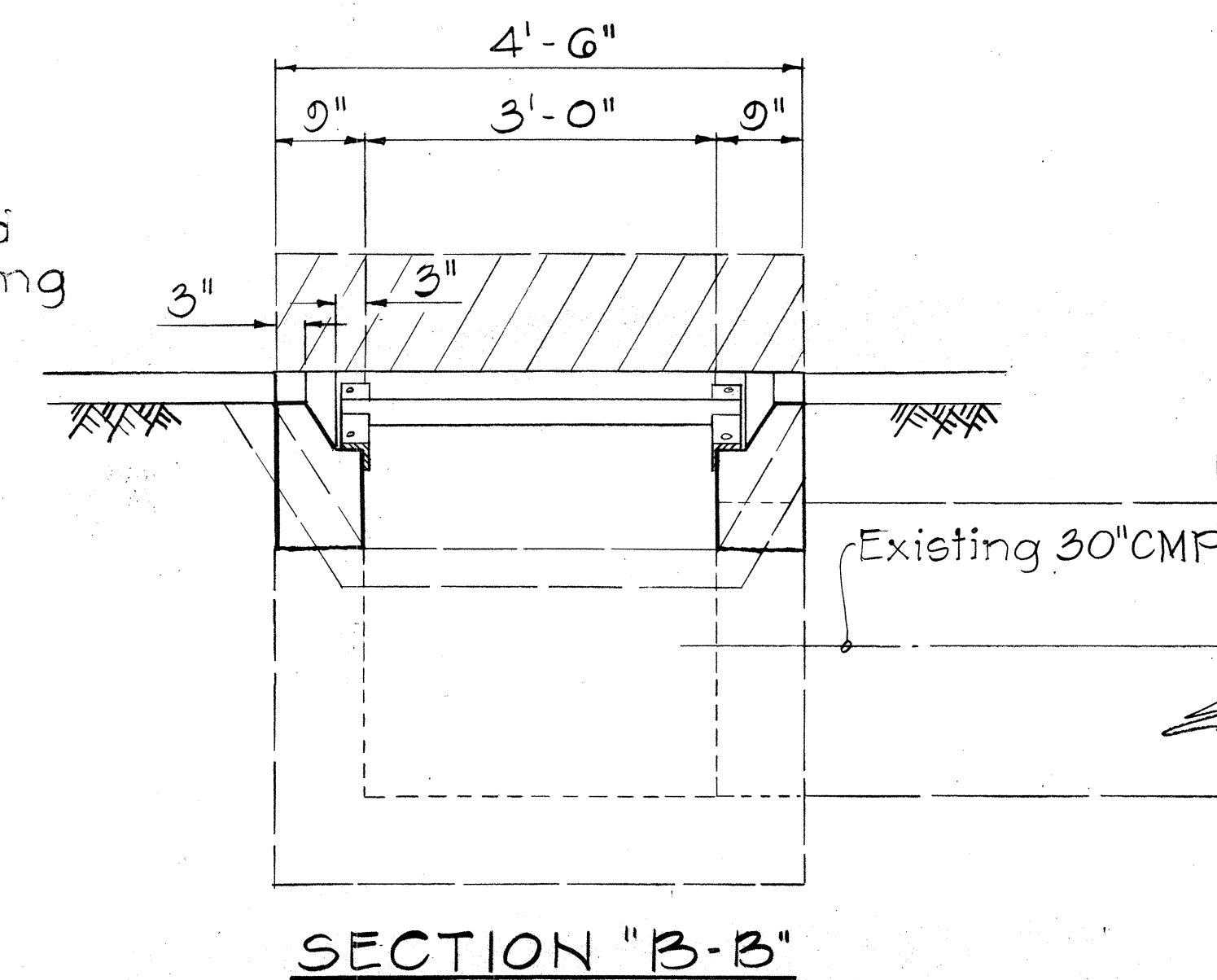
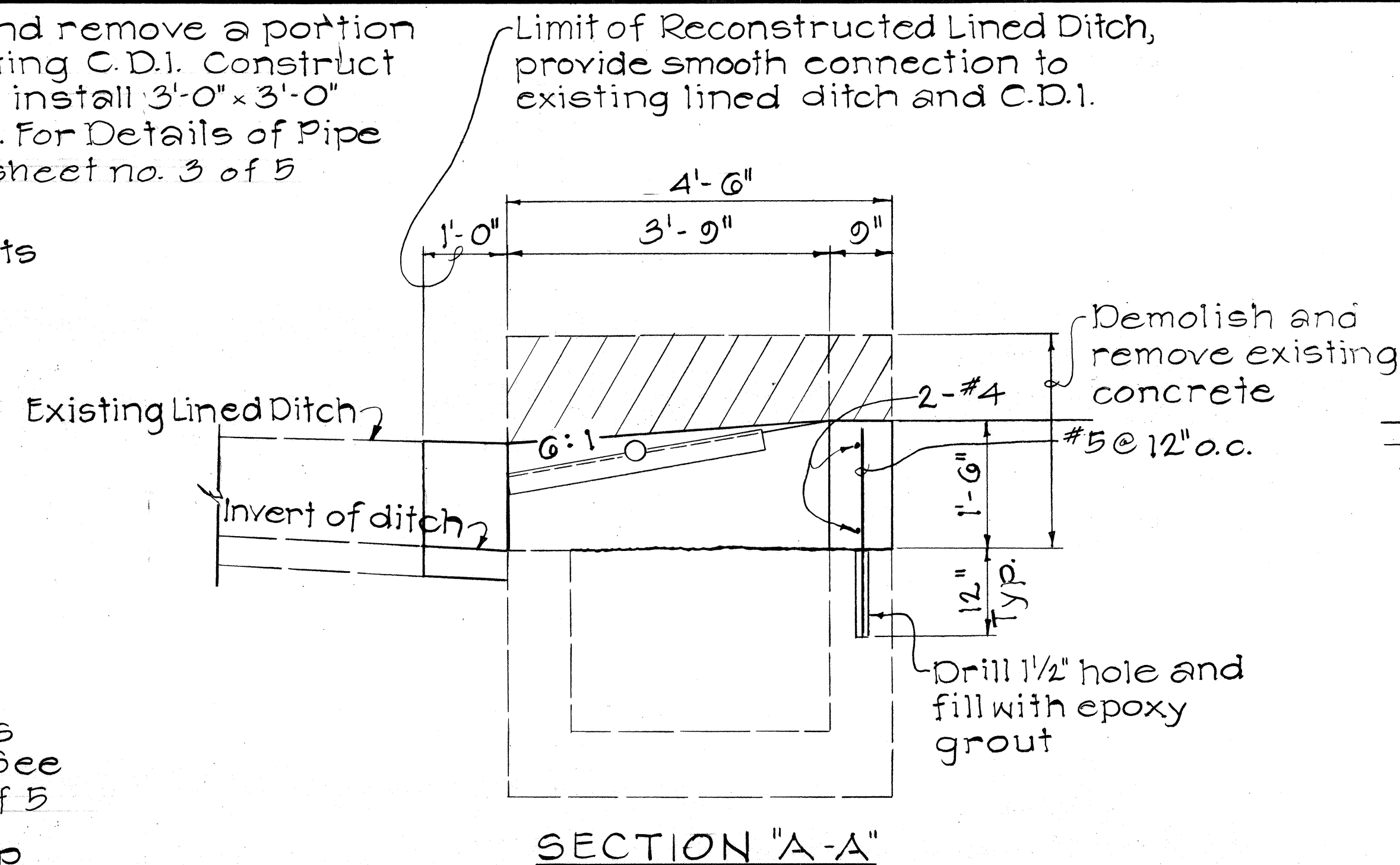
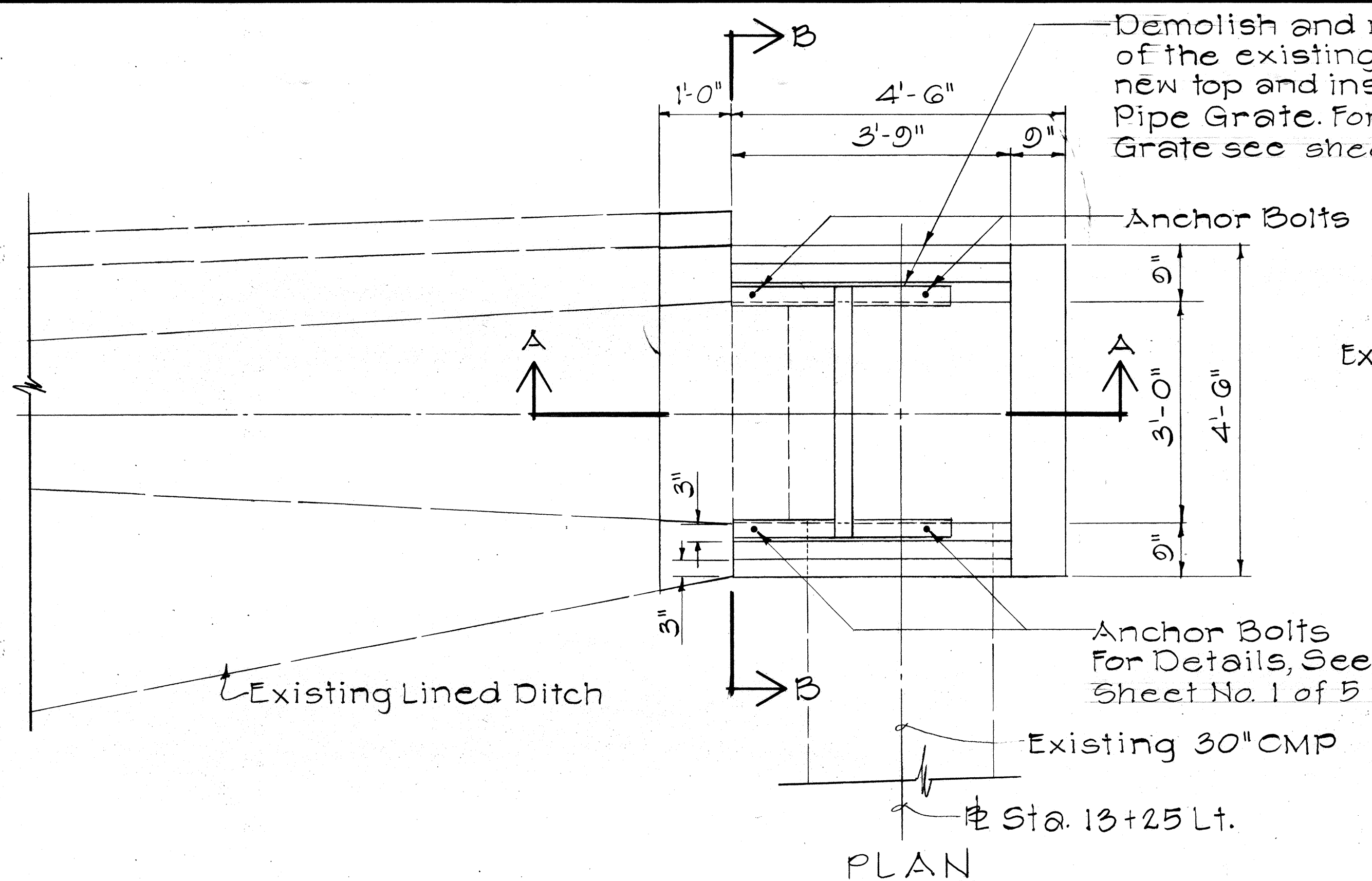
Half Size

DETAILS OF 5'-0" x 3'-0" PIPE GRATE

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

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION LAND TRANSPORTATION FACILITIES DIVISION DRAINAGE DETAILS PARRINGTON HIGHWAY RESURFACING VIC. OF PULILOKOA BR. TOW. PALALAI I. O. F.A. PROJ. NO. FR-093-1(6) SCALE: AS NOTED DATE MAR. 1983 SHEET NO. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-093-1(6)	1983	19	51



DETAILS OF MODIFIED CONCRETE DROP INTAKE AT STA. 13+25 LT.
Scale: 3/4" = 1'-0"

STATE OF HAWAII	
DEPARTMENT OF TRANSPORTATION	
LAND TRANSPORTATION FACILITIES DIVISION	
DRAINAGE DETAILS	
FARRINGTON HIGHWAY RESURFACING	
VIC. OF PILICOKO BR. TOW. PALALAI I. C.	
F.A. PROJ. NO. FR-093-1(6)	
SCALE: AS NOTED	DATE: MAR. 1983
SHEET NO. 5 OF 5 SHEETS	

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	