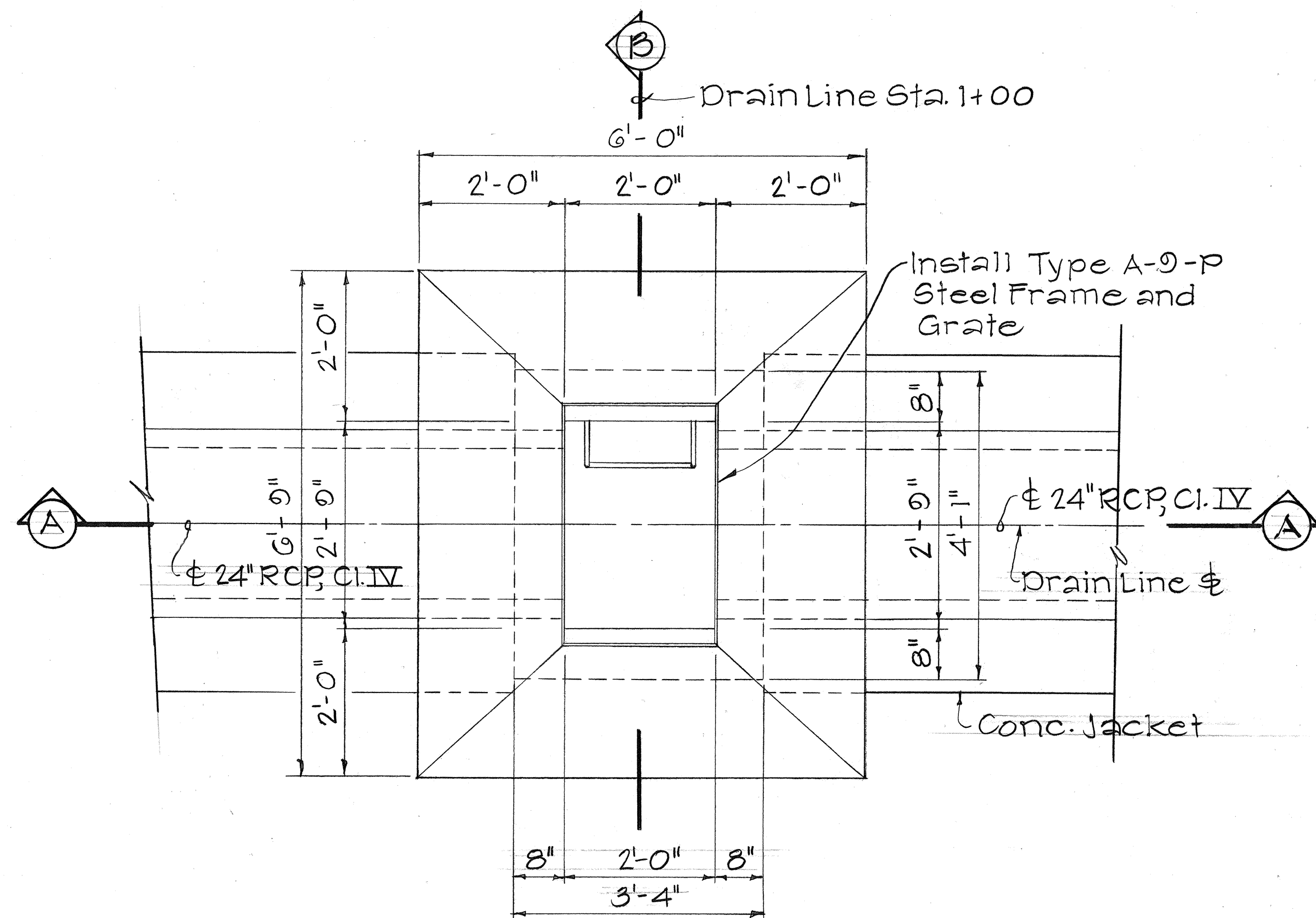
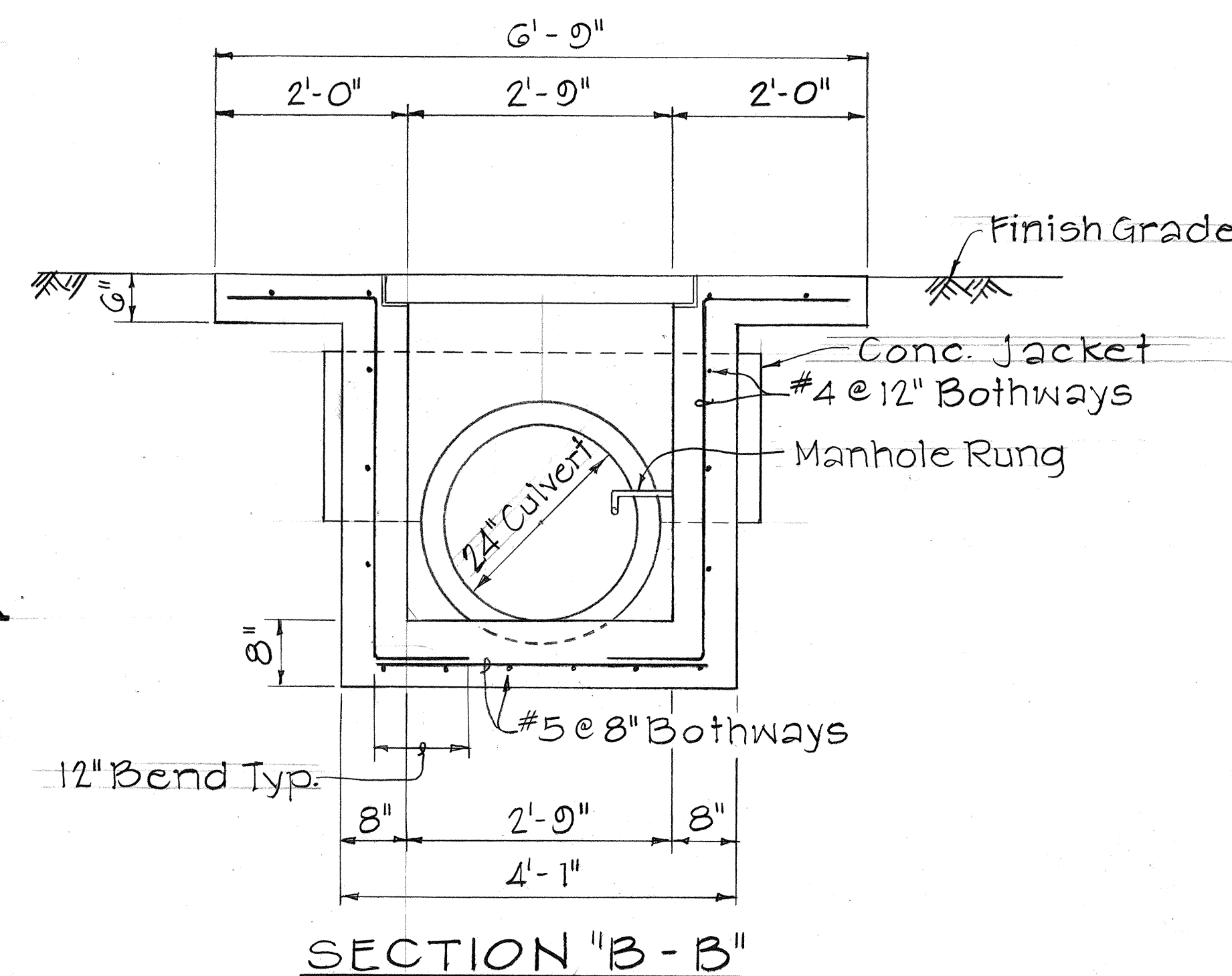


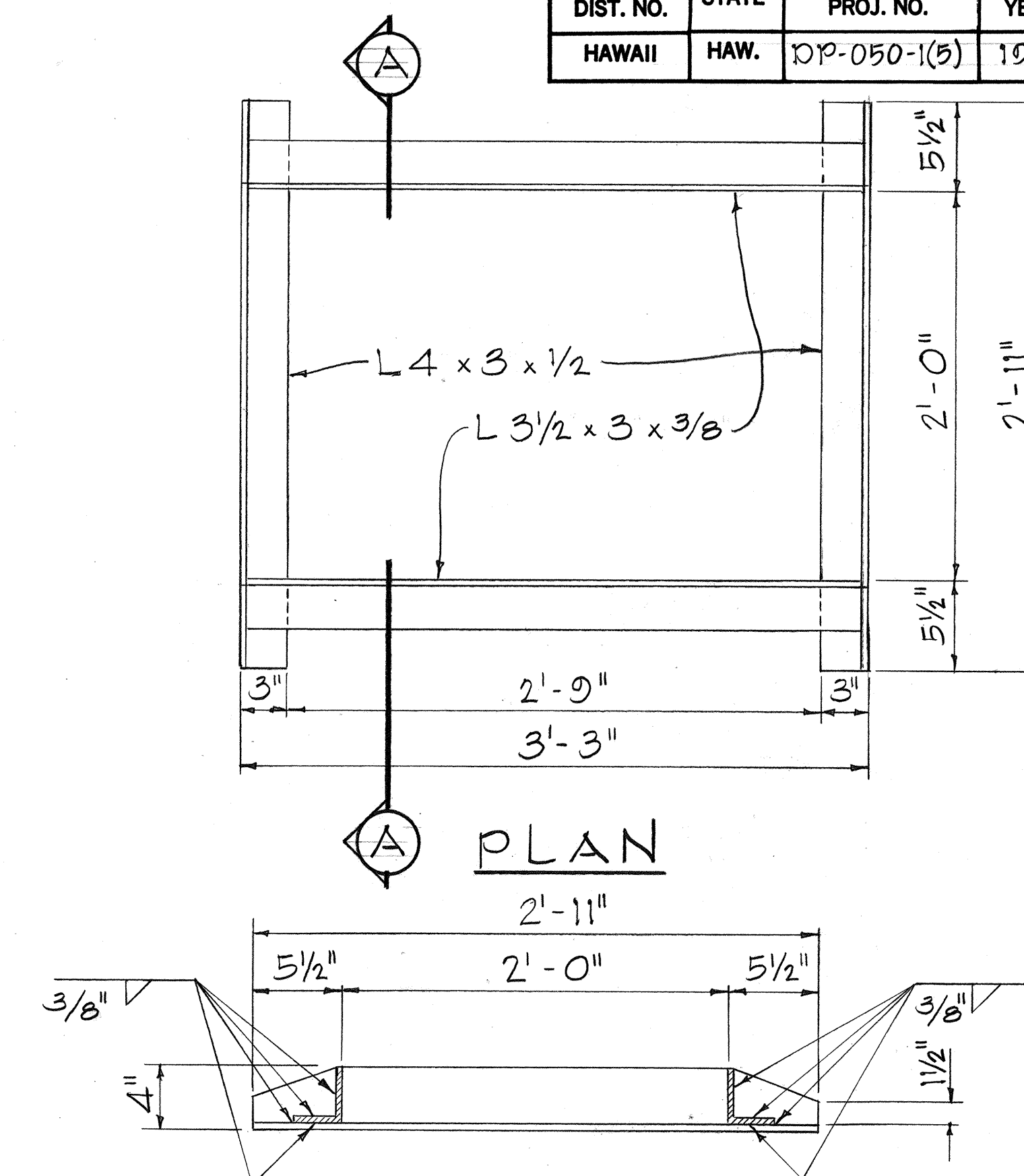
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DP-050-1(5)	1982	3	5



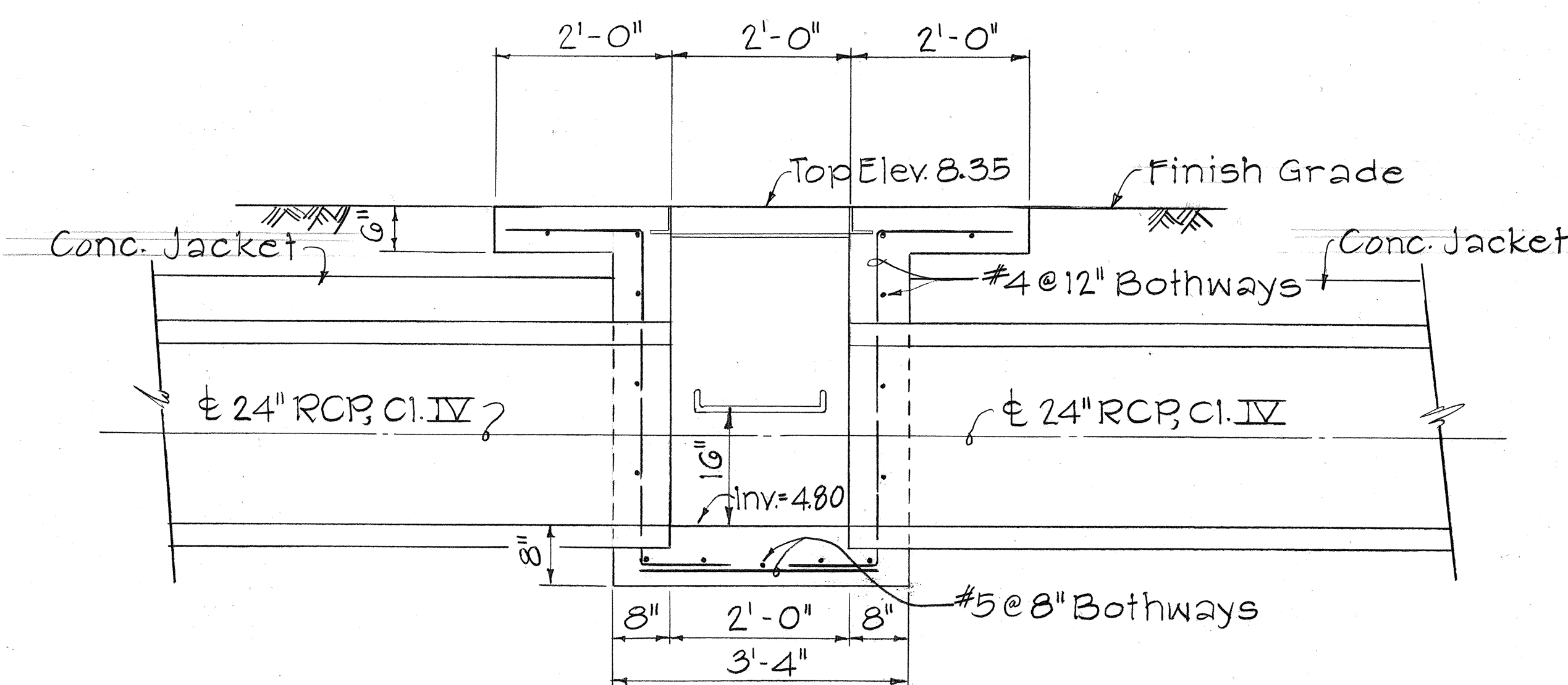
PLAN



SECTION "B-B"



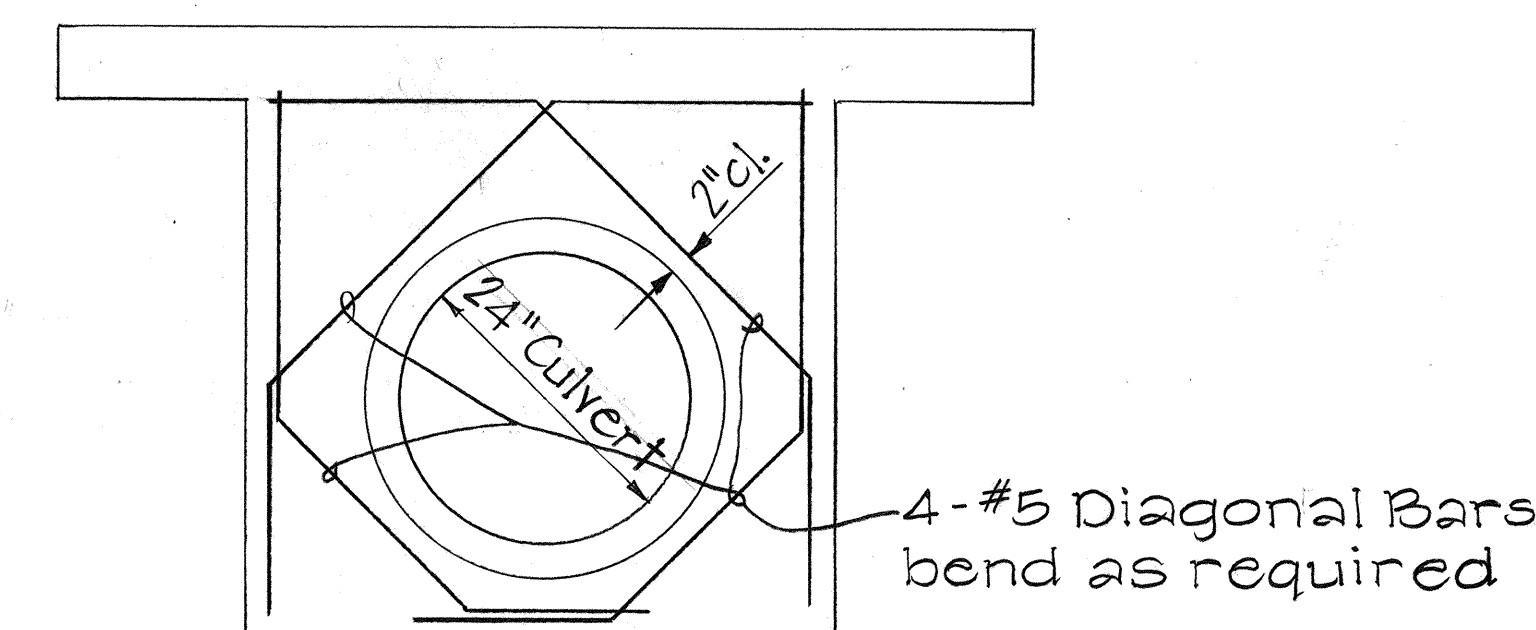
SECTION "A-A"
DETAILS OF FRAME



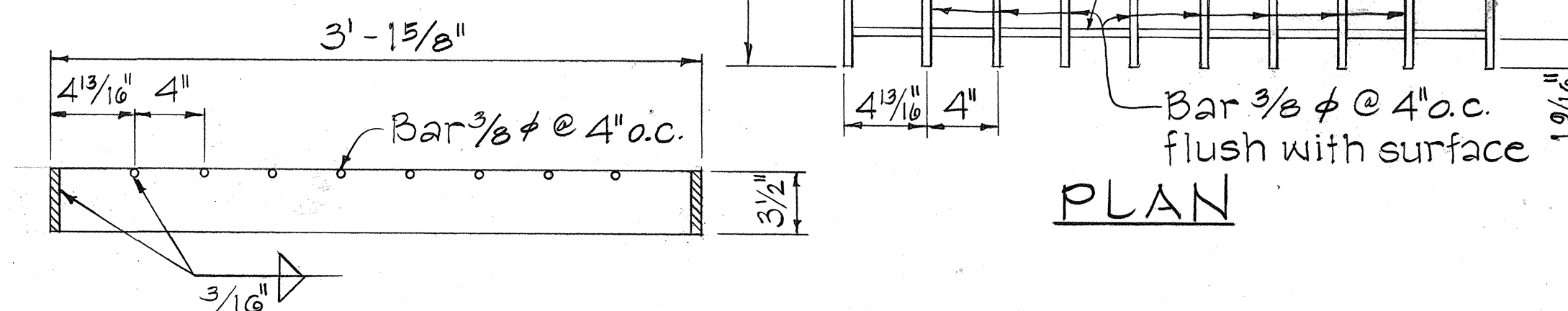
SECTION "A-A"

DETAIL OF CONCRETE DROP INTAKE

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



ADDED REINFORCING
FOR CULVERT OPENINGS



SECTION

DETAILS OF GRATE

DETAIL OF TYPE A-D-P STEEL FRAME AND GRATE

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

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
DRAINAGE DETAIL
KAUMUALII HIGHWAY
SAFETY AND DRAINAGE IMPROVEMENTS
MOI ROAD TO HANAPEPE ROAD
FAP NO. DP-050-1(5)
Scale: As Noted Date: April 1982
SHEET NO. 1 OF 1 SHEETS