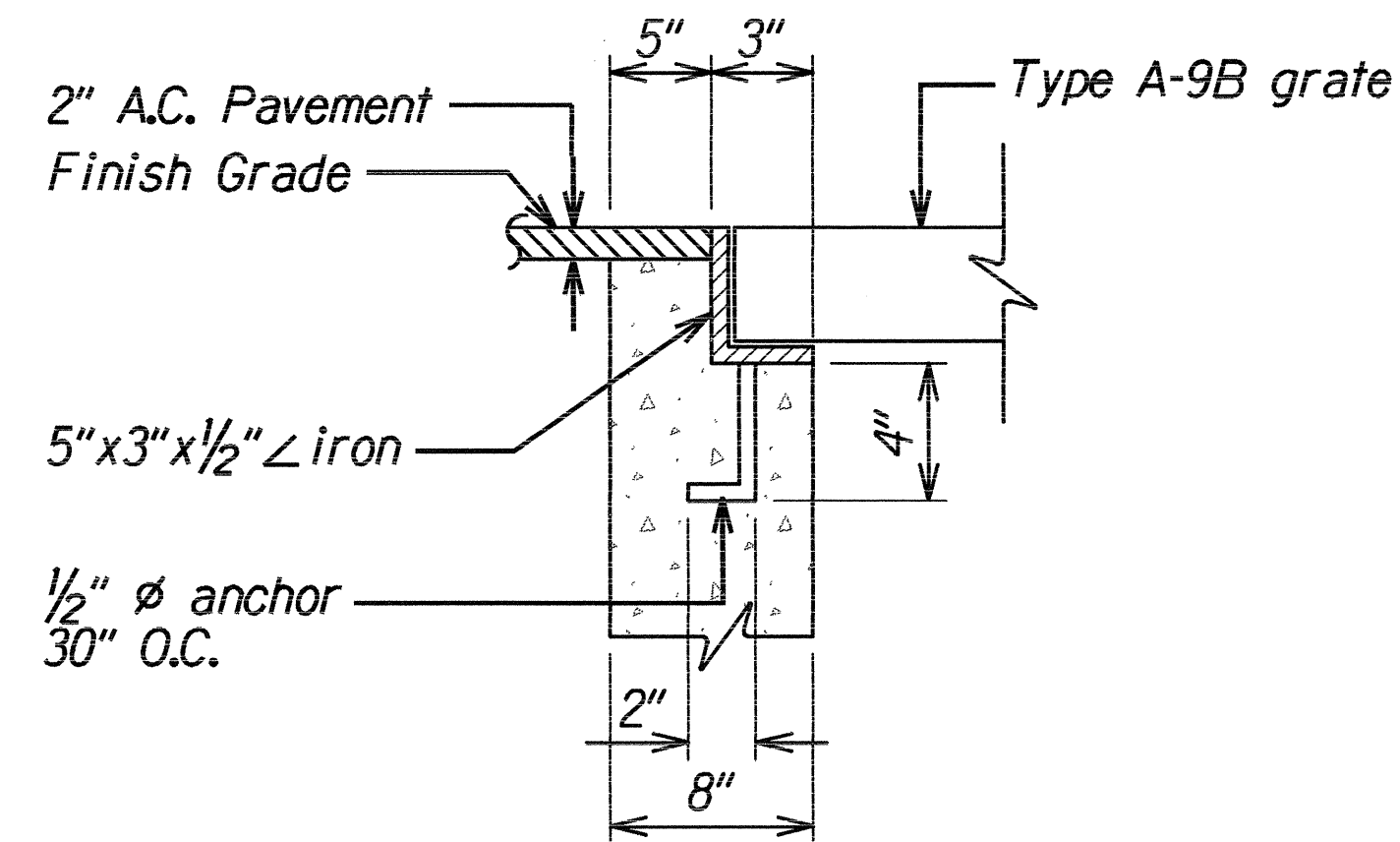
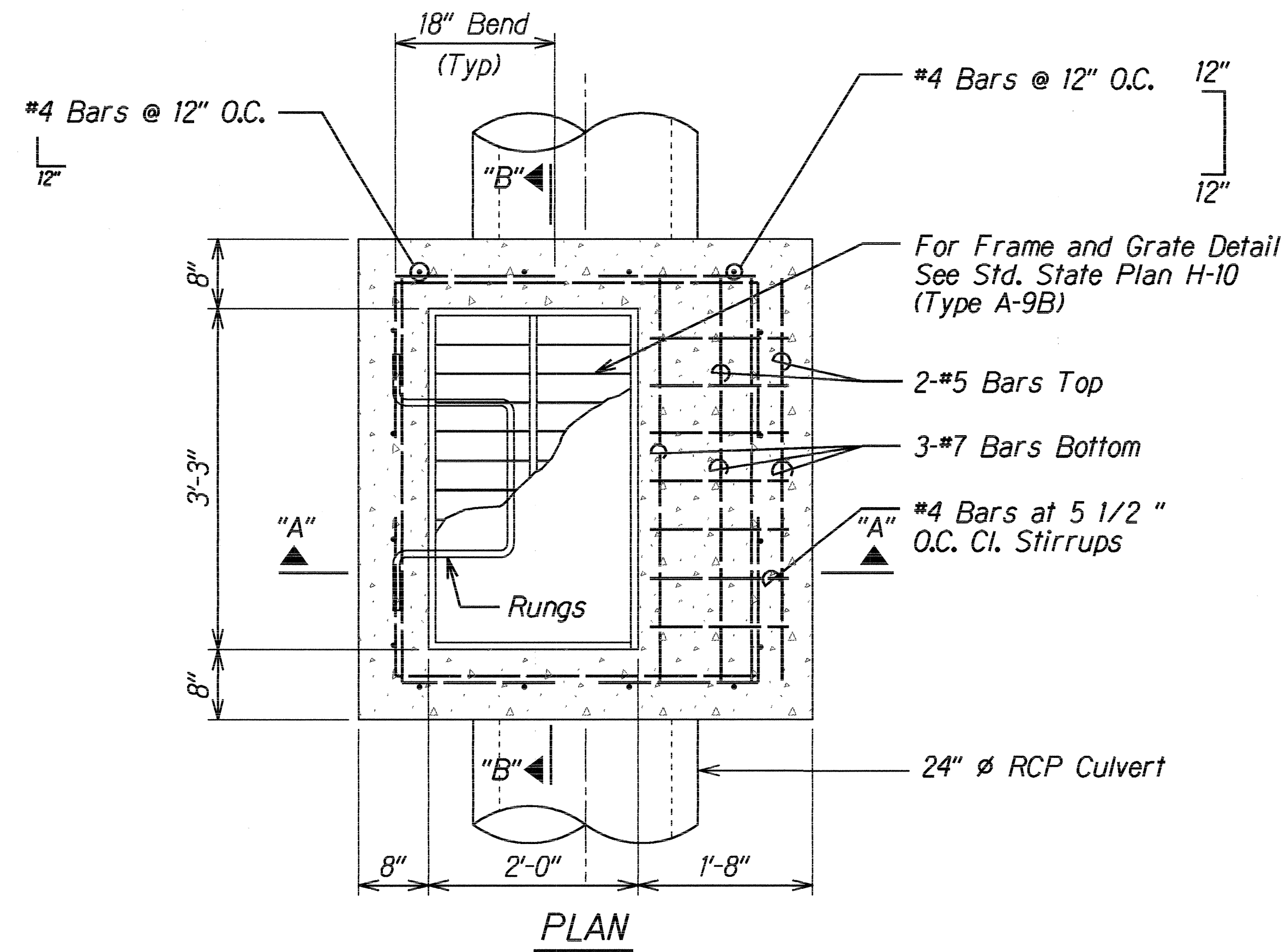
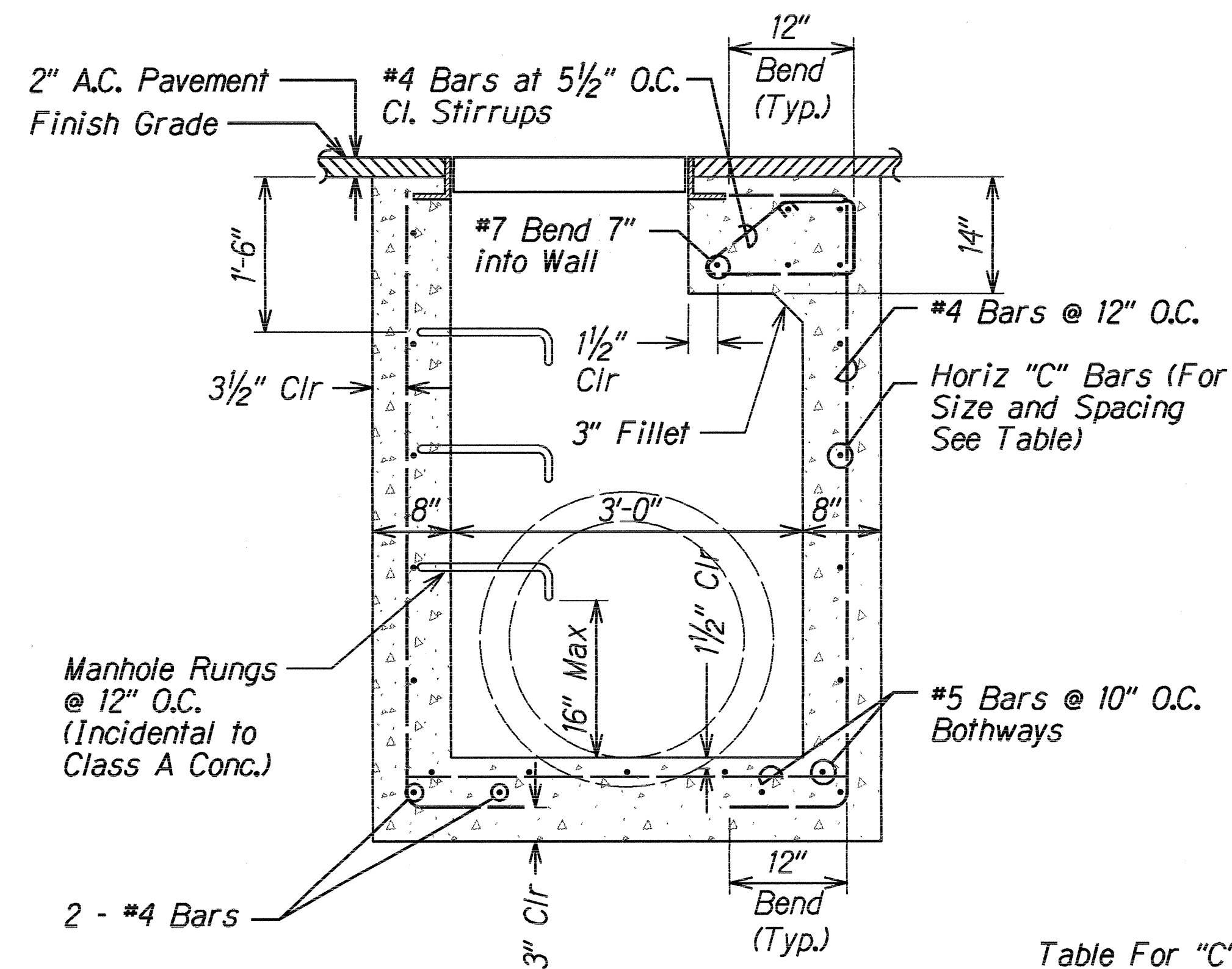


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	75	210



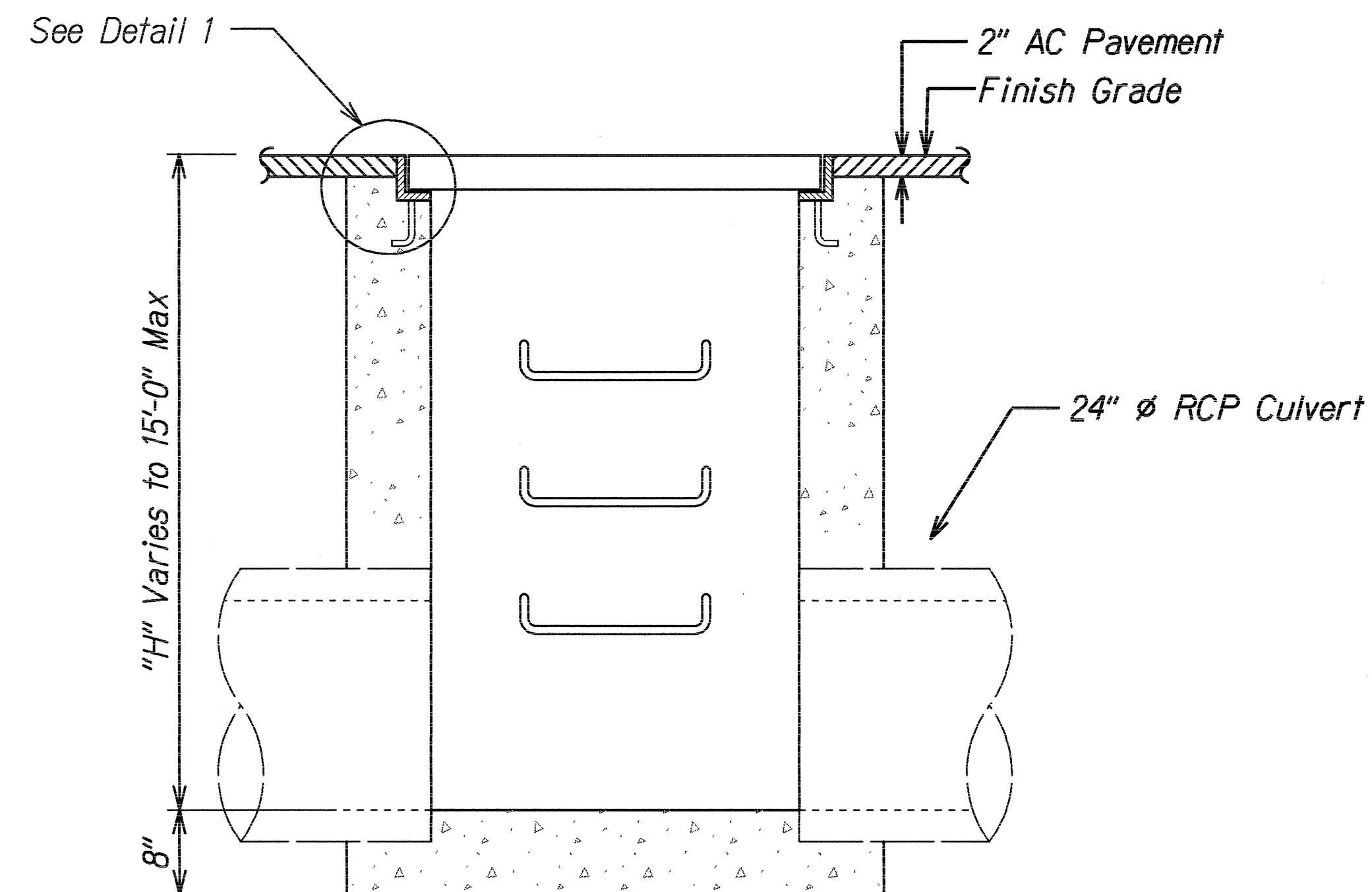
DETAIL 1



SECTION "A" - "A"

Table For "C" Bars

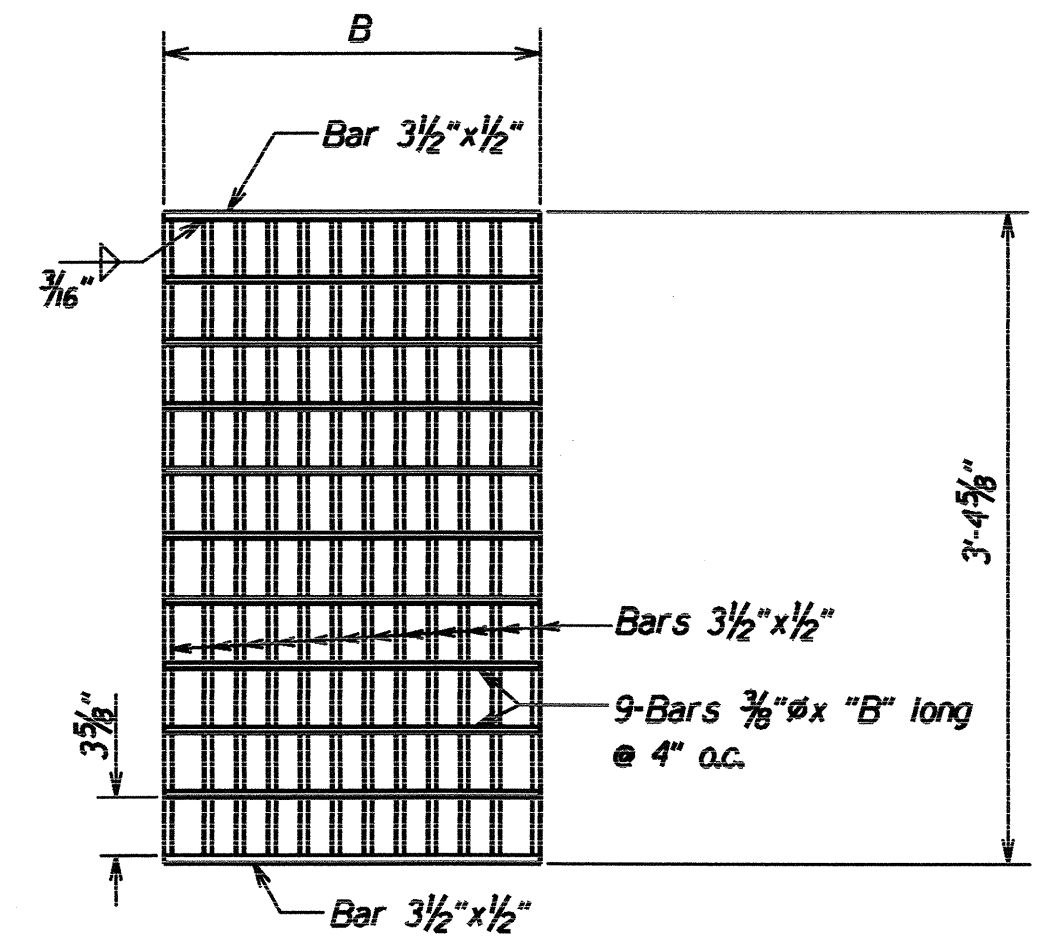
"H"	"C" Bars
5'-0" Max	#4 at 10" O.C.
10'-0" Max	#5 AT 9" O.C.
15'-0" Max	#5 AT 6" O.C.



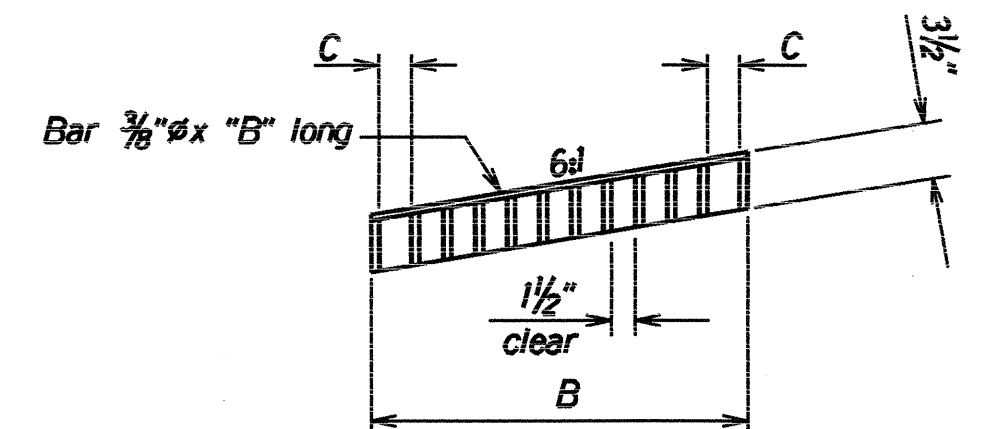
For Reinforcing See Section "B" - "B"

SECTION "B" - "B"

Note: See Standard Plan H-05
For Culvert Seat Detail



PLAN



SECTION

DIMENSIONS

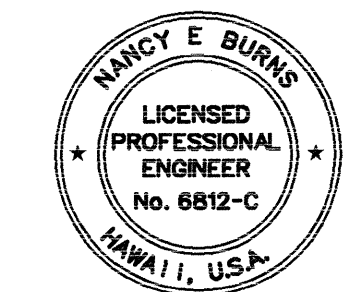
TYPE	NO. BARS	A	B	C	D
61614P	12		1'-11 1/2"	2"	

TYPE 61614P STEEL GRATE

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

GENERAL NOTE

1. Steel frame details for grates shall be similar to steel frame shown on Standard Plan H-13.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Nancy E. Burns

DATE: 9/11/98

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPE A-9B AND 61614P
GRATED DROP INLET DETS.
KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2
PROJECT NO. 130B-01-98
Scale: N.T.S. Date: August, 1998

SHEET No. 1 OF 1 SHEETS