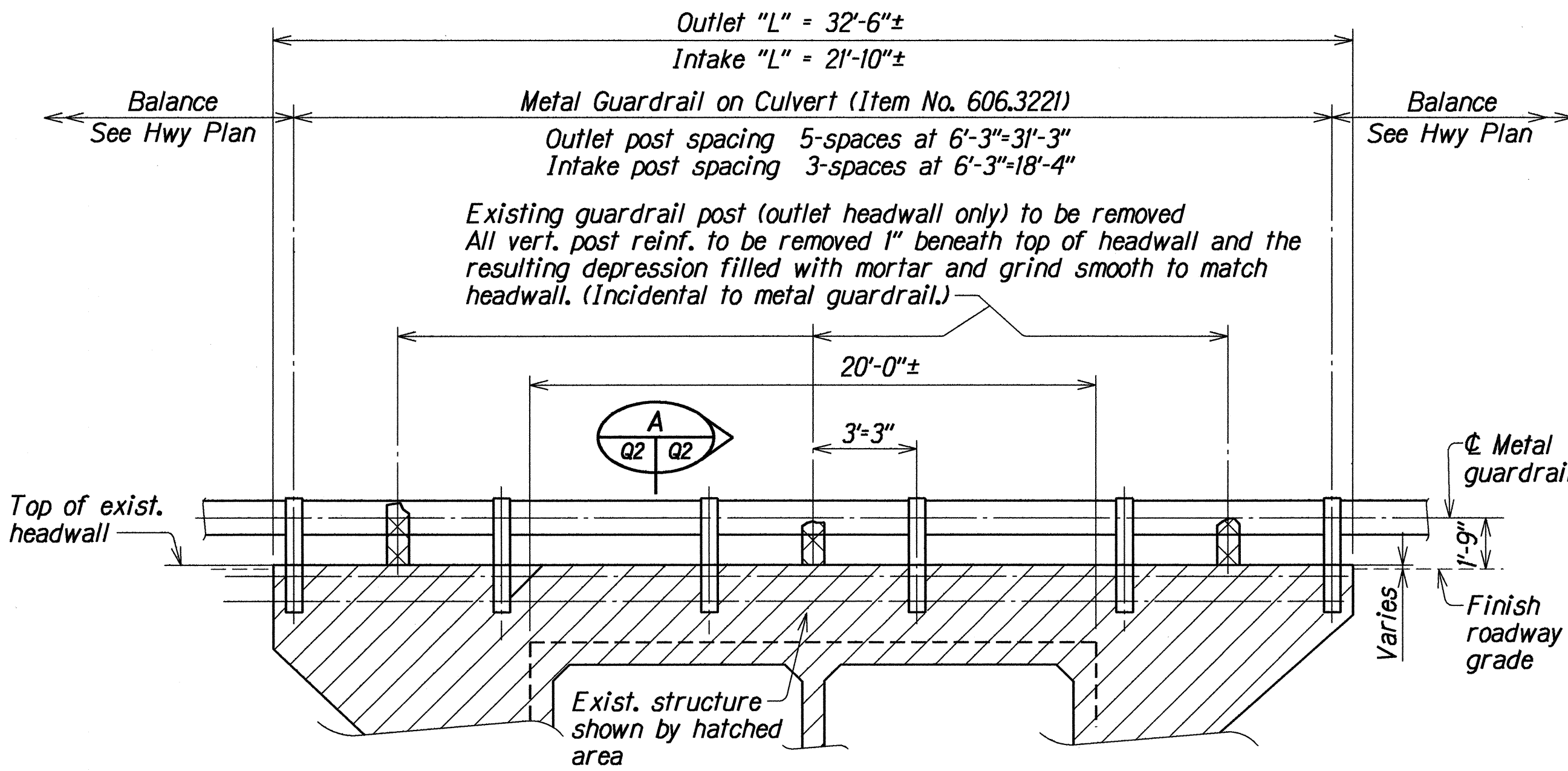
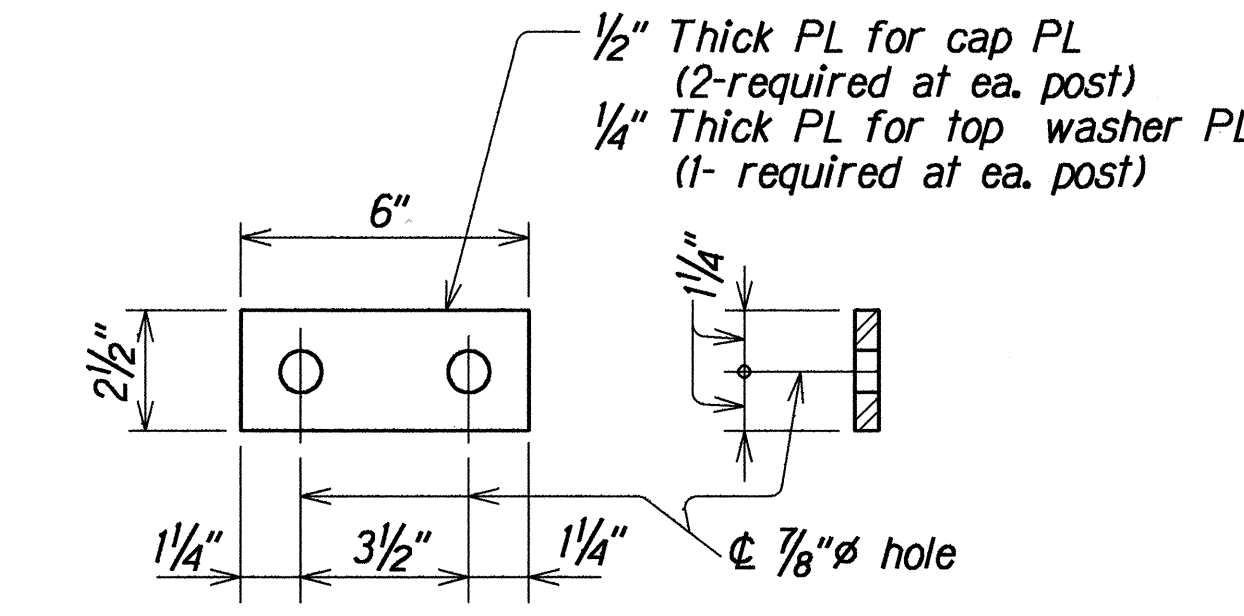


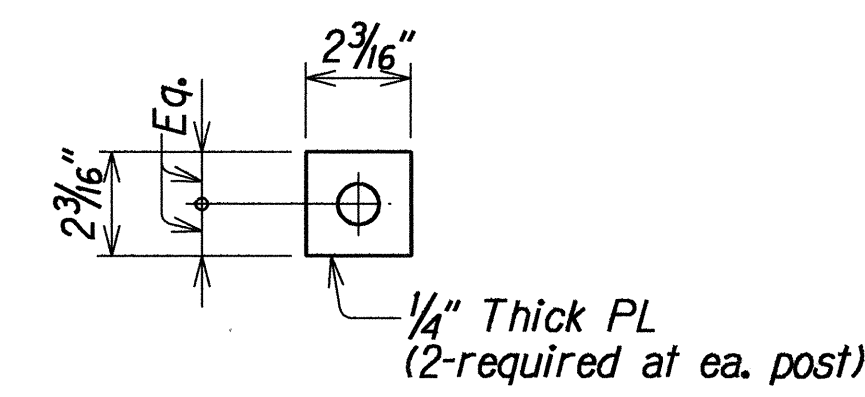
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(12)	1994	25	41



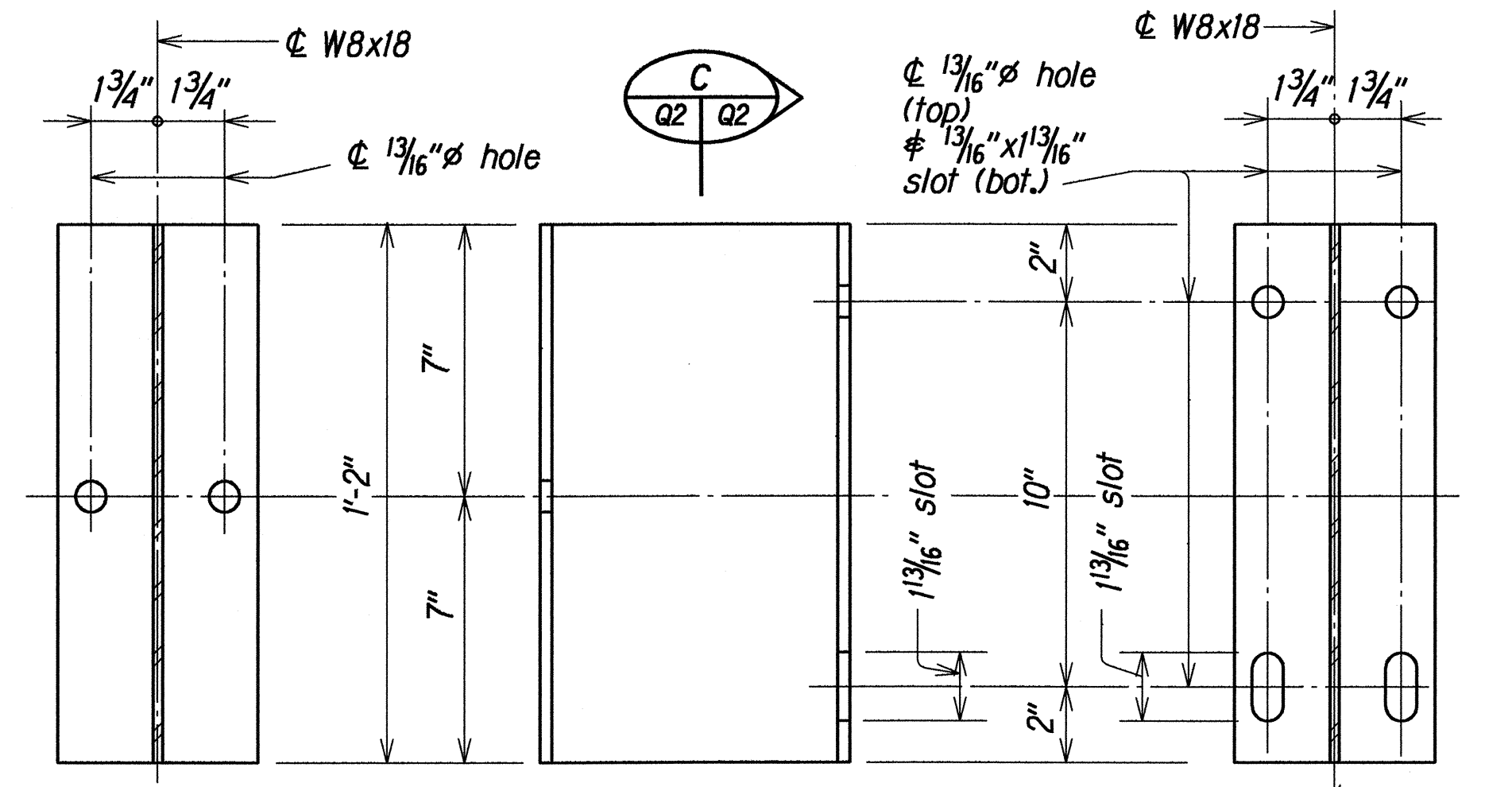
PARTIAL ELEVATION - INTAKE & OUTLET
Scale: 1/4" = 1'-0"



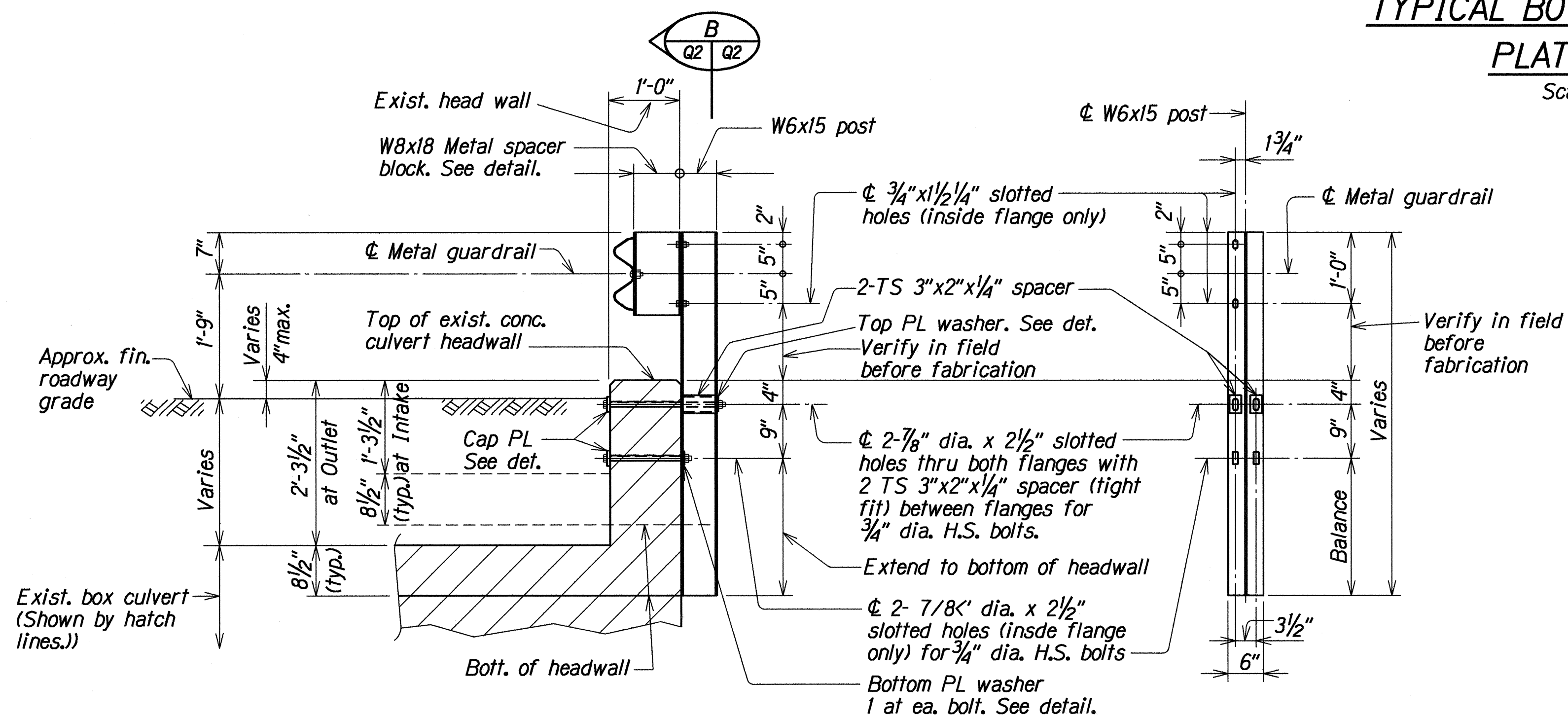
TYPICAL CAP PLATE AND TOP WASHER PLATE DETAIL
Scale: 3" = 1'-0"



TYPICAL BOTTOM WASHER PLATE DETAIL
Scale: 3" = 1'-0"



W8 X 18 METAL SPACER BLOCK DETAIL
Scale: 3" = 1'-0"



TYPICAL SECTION METAL GUARDRAIL ON CULVERT
Scale: 3/4" = 1'-0"

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

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	LMA	MAY 1994
NOTE BOOK	TS	MAY 1994
QUANTITIES BY	TS	MAY 1994
CHECKED BY	MS	MAY 1994
DATE		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

METAL GUARDRAIL ON CULVERT
AT STA. 197+45
FARRINGTON HIGHWAY RESURFACING
Makua St. to Satellite Tracking Sta. Rd.
Fed. Aid Project No. STP-093-1(12)

Scale: As Noted
SHEET No. Q2 OF 2 SHEETS

Date: May, 1994