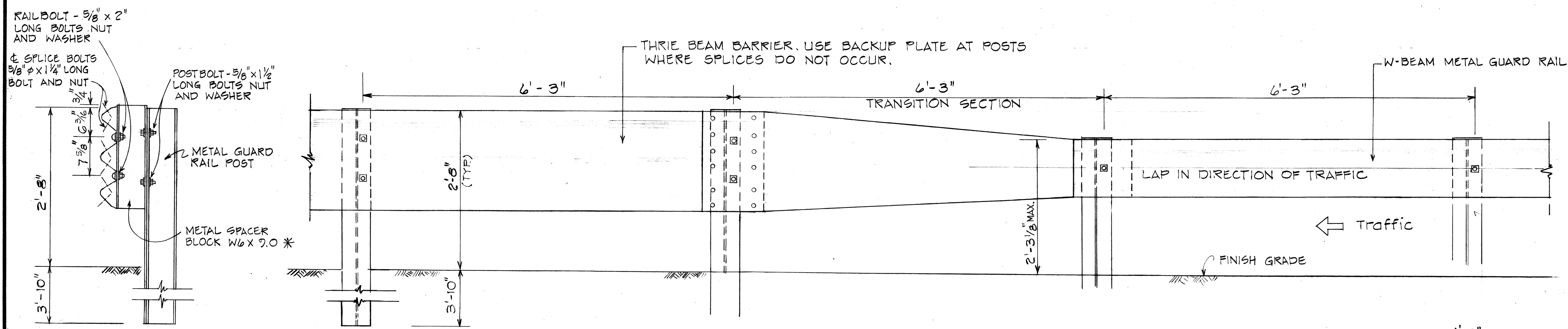
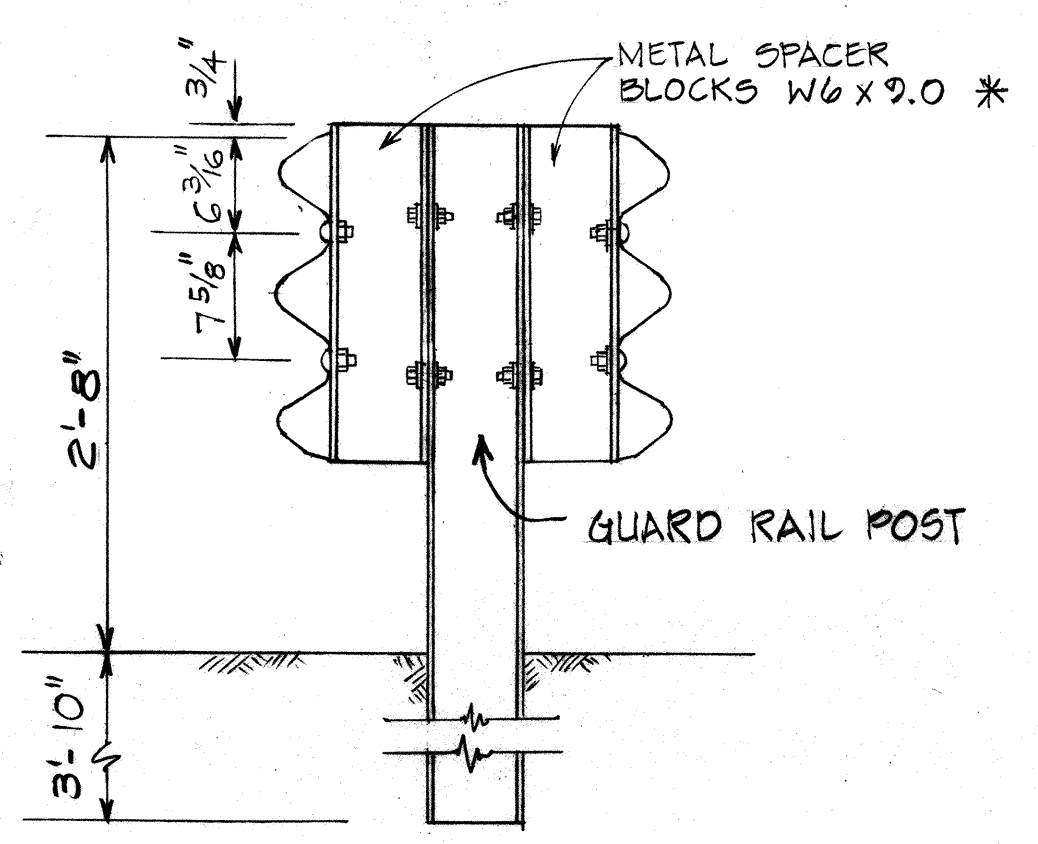


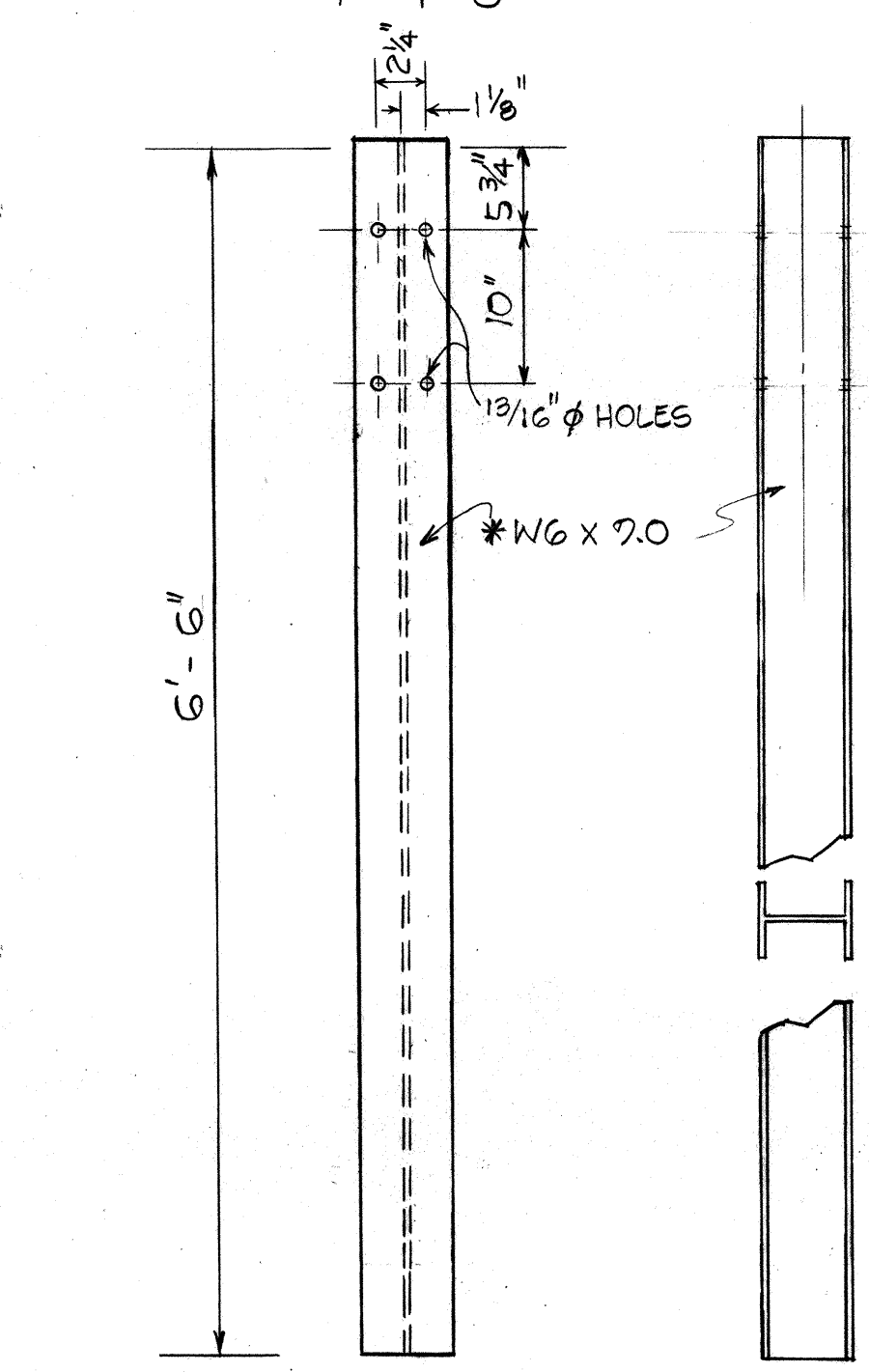
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(204)	1987	63	97



SINGLE METAL GUARD RAIL ON METAL POST W/METAL SPACER BLK.

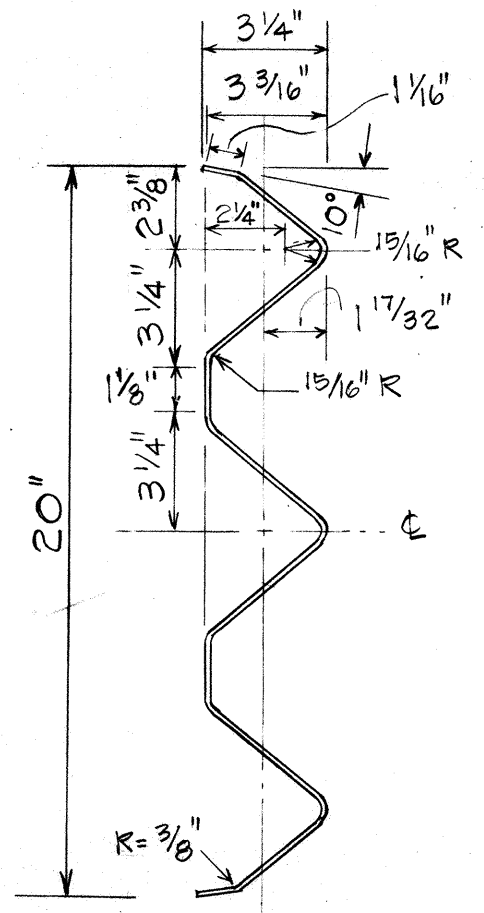


DOUBLE METAL GUARD RAIL ON METAL POST WITH METAL SPACER BLOCK

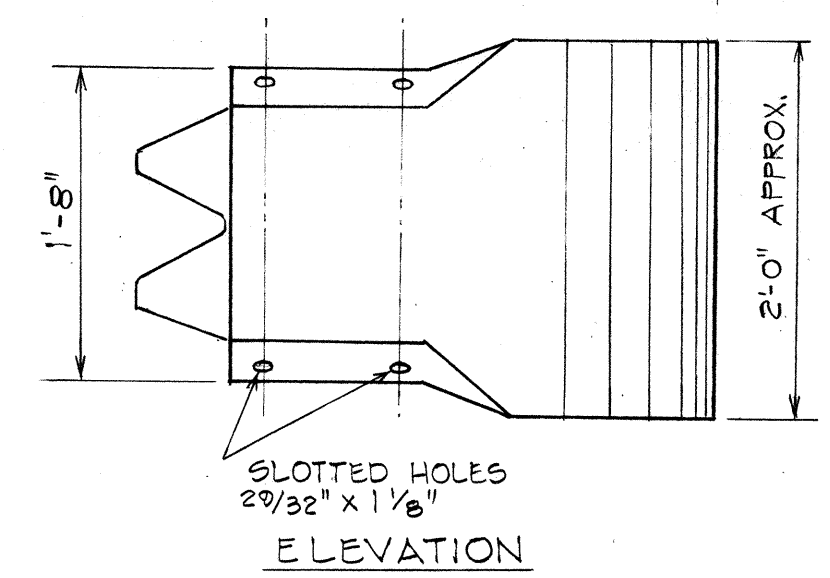
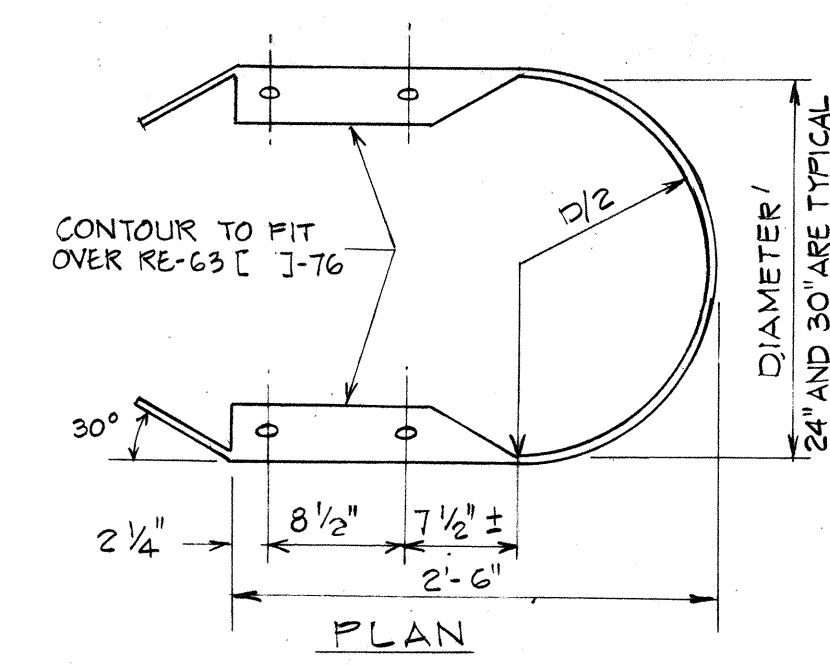
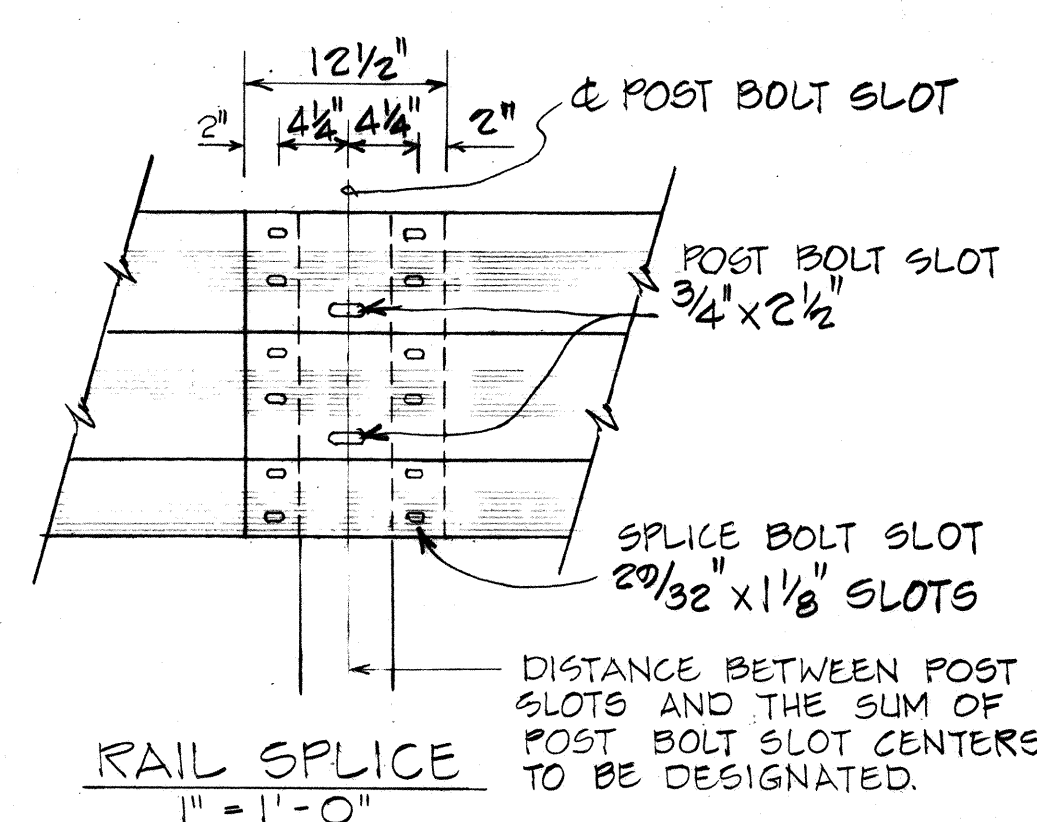


POST DETAILS 1" = 1'-0"

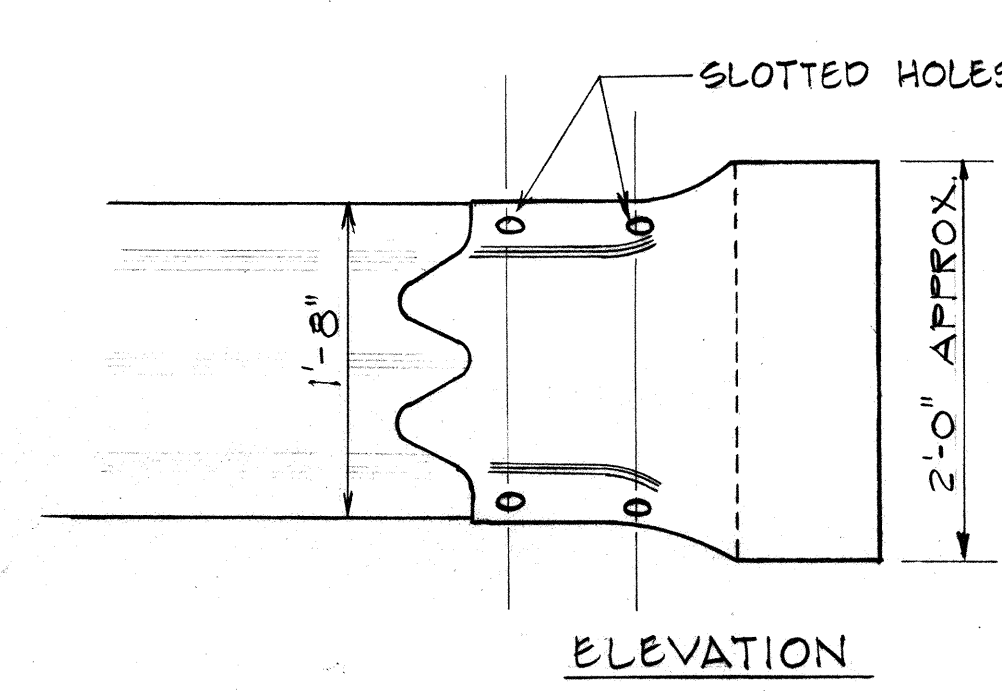
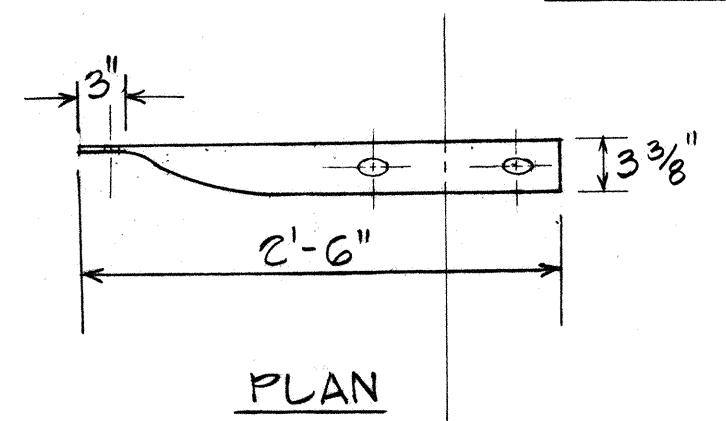
SECTION THRU RAIL ELEMENT Not to Scale



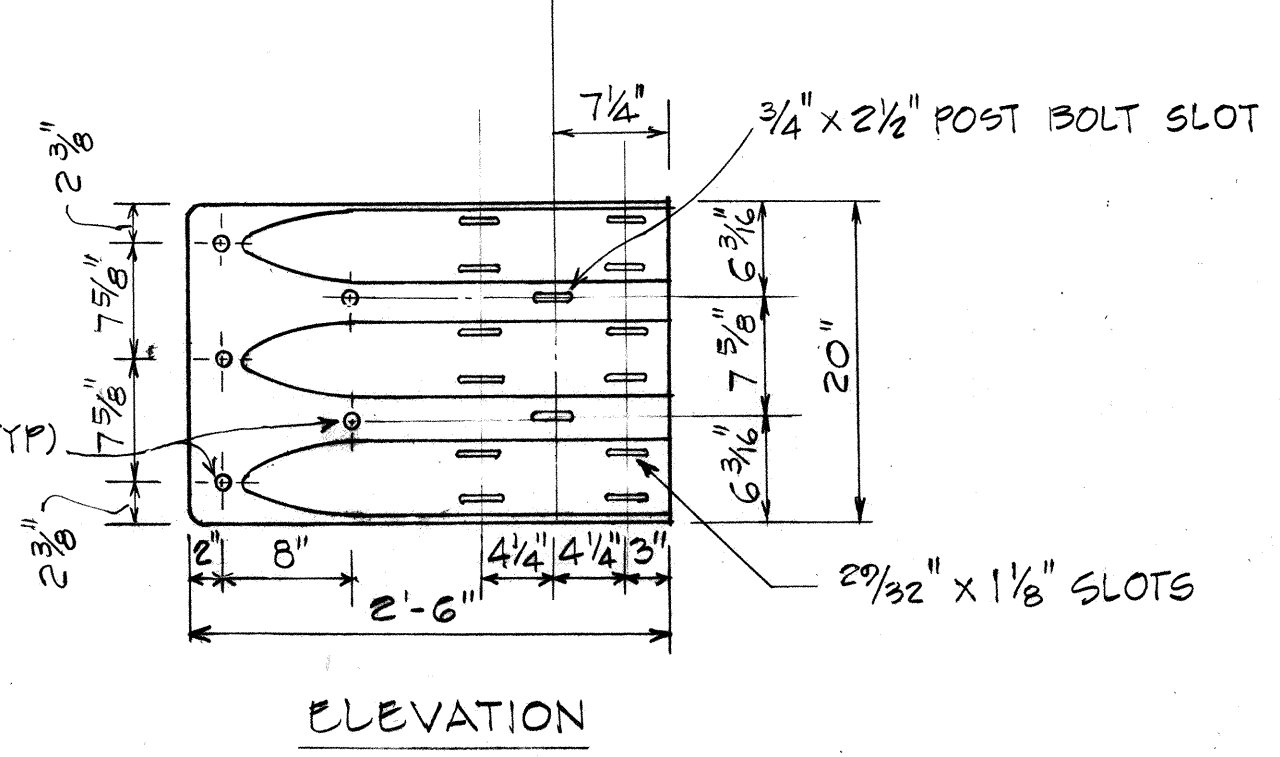
TRANSITION SECTION Scale: 1" = 1'-0"



END SECTION (BUFFER) Scale: 1" = 1'-0"

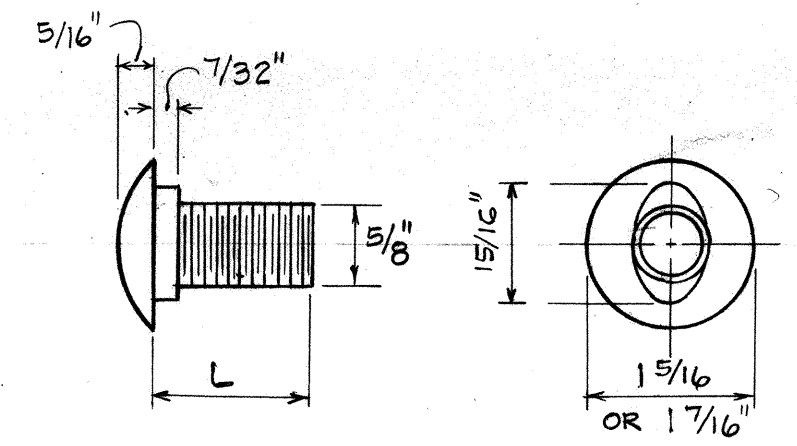
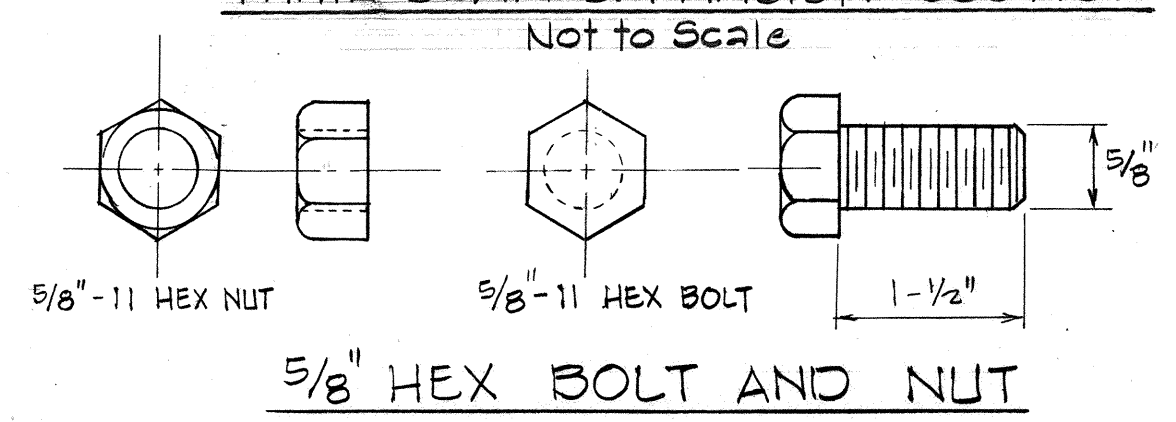
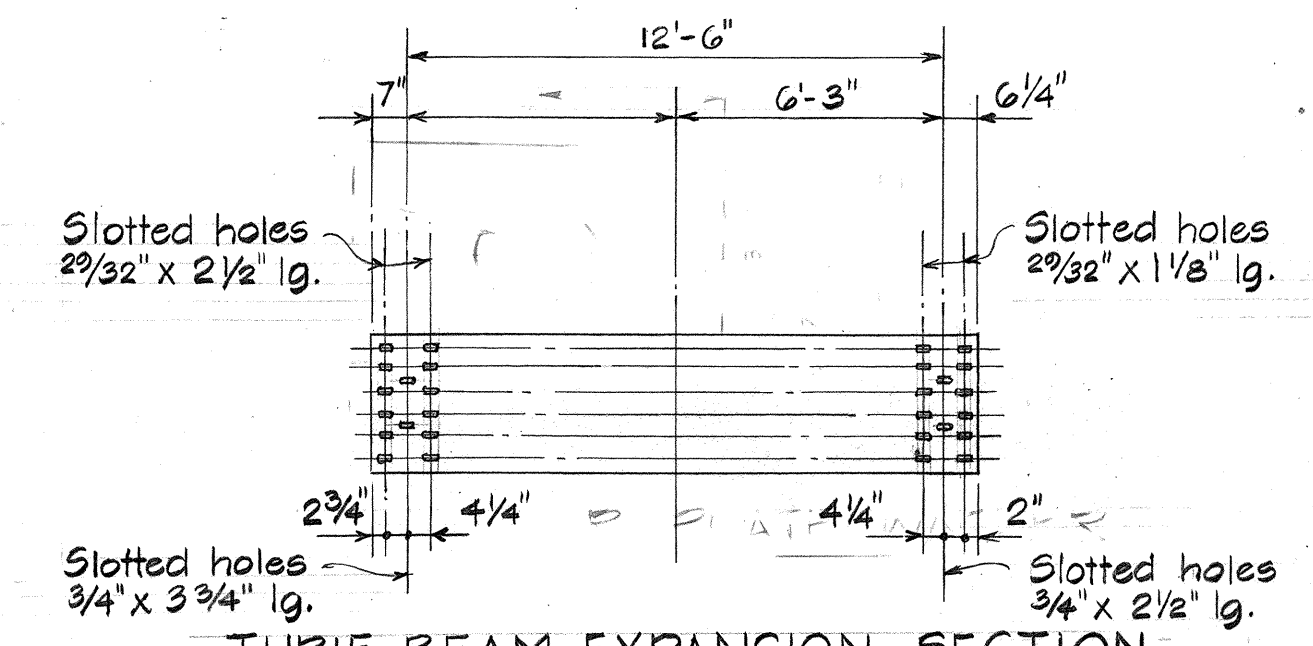
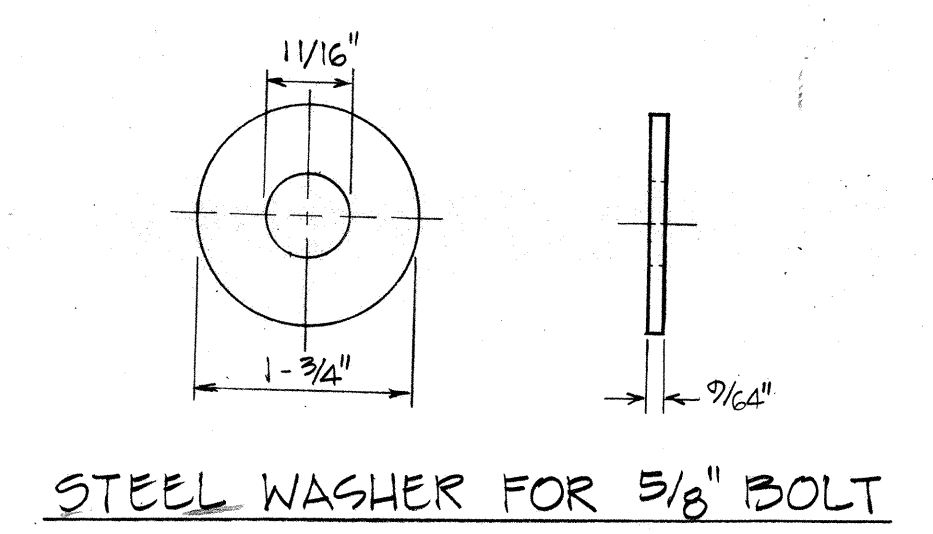
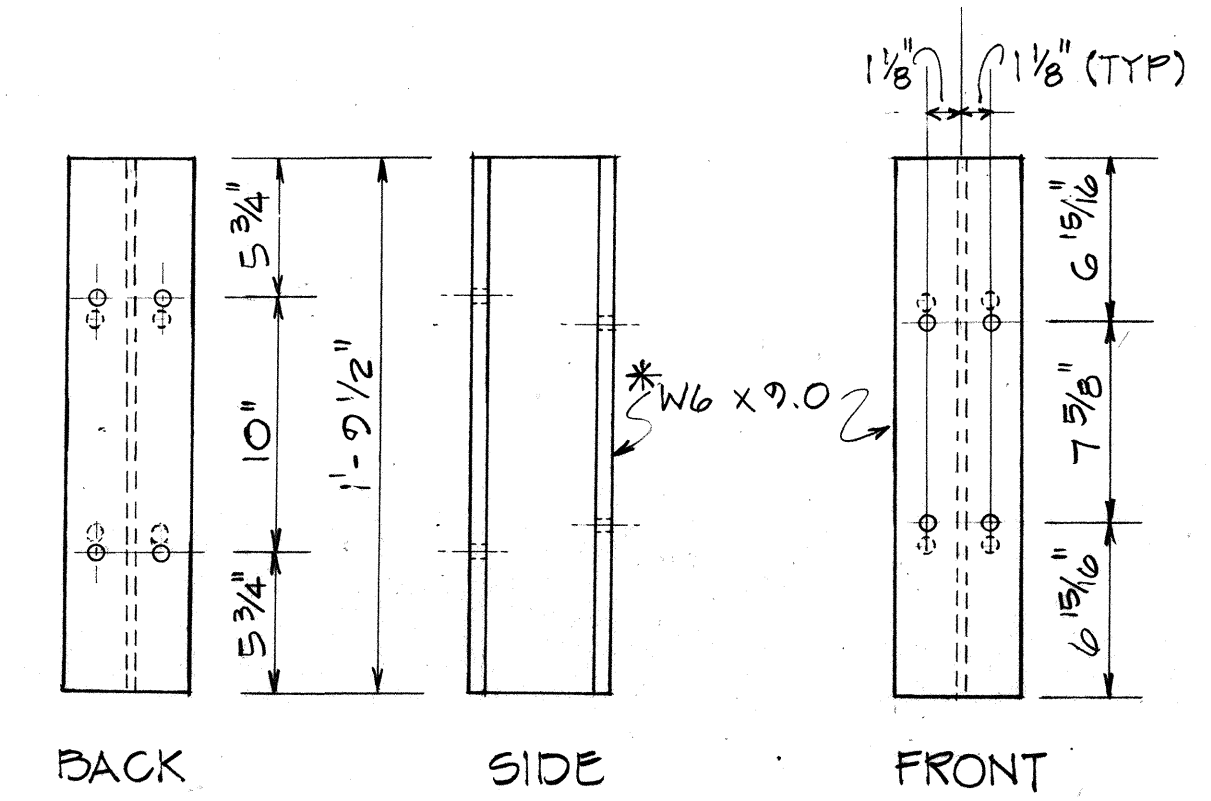
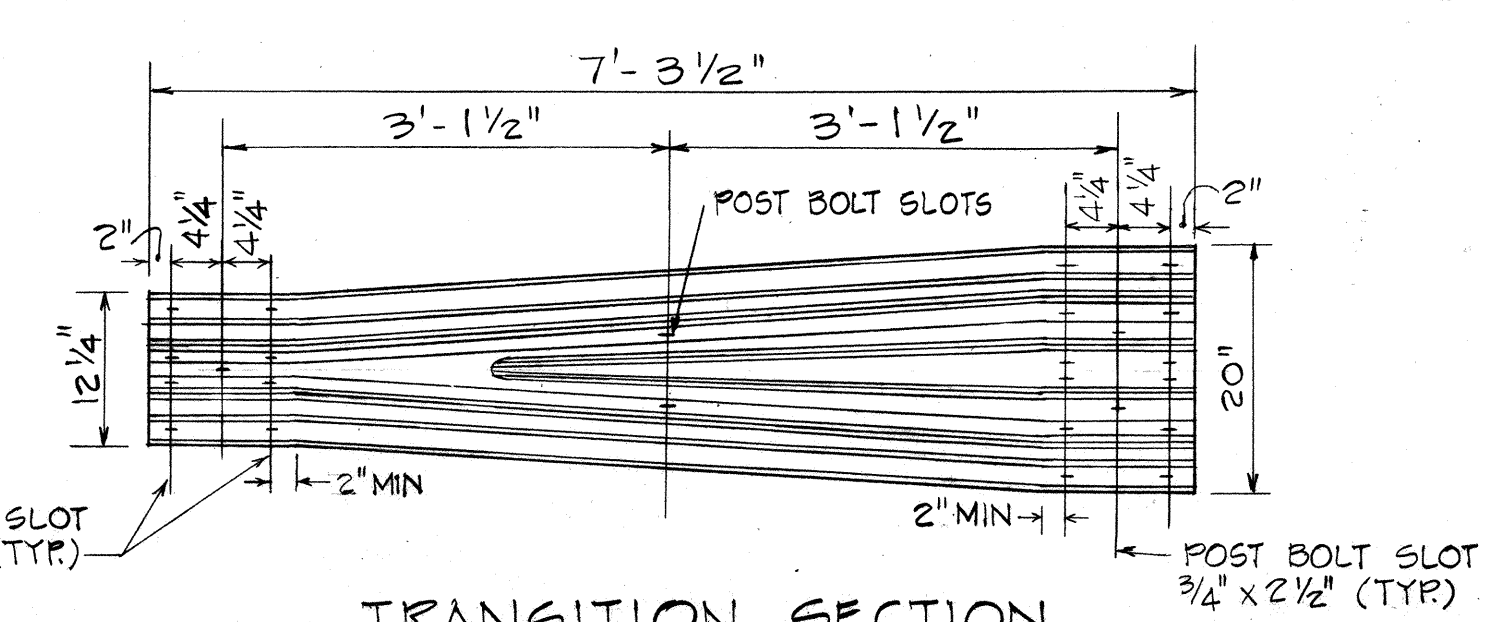


END SECTION (ROUNDED) 1" = 1'-0"

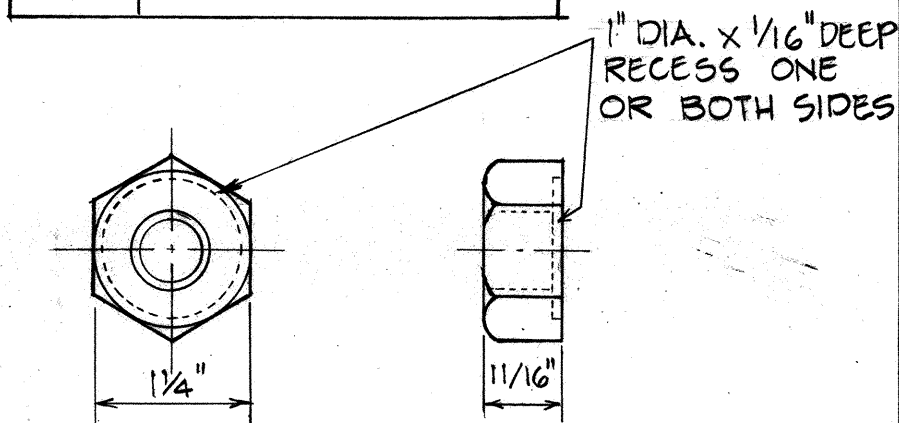


TERMINAL CONNECTOR 1" = 1'-0"

BACKUP PLATE



L	THREAD LENGTH
1 1/4"	FULL THREAD
2"	1/2" MIN THREAD LENGTH



* REPLACED W6 x 8.5, WHICH IS ACCEPTABLE AS AN ALTERNATE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

TYPICAL DETAIL
GUARD RAIL TYPE 3
THRE BEAM
F.A.I. Project No. IR-HI-1(204)
Scale: As Shown Date: April, 1980
SHEET NO. Q1 OF 1 SHEETS

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