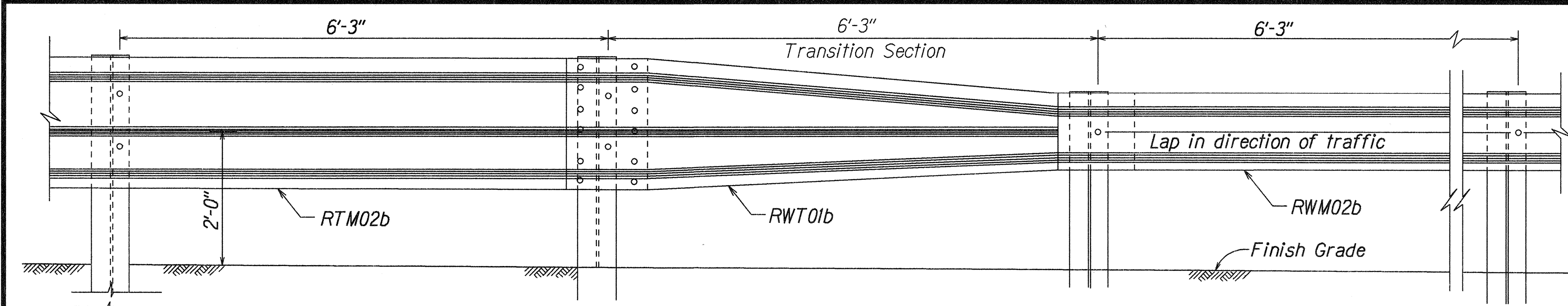
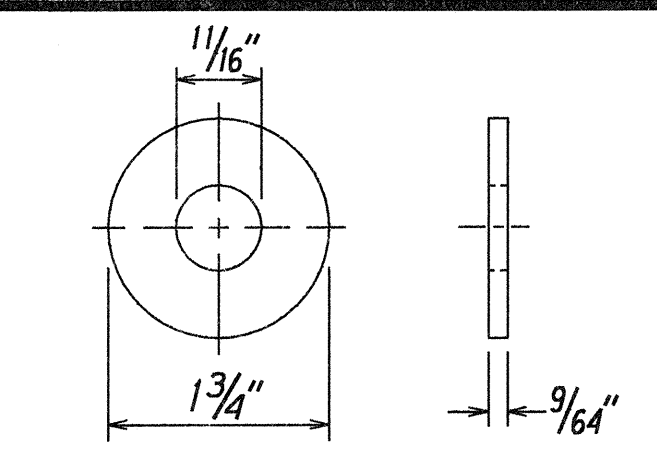


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(14)	2000	28	70

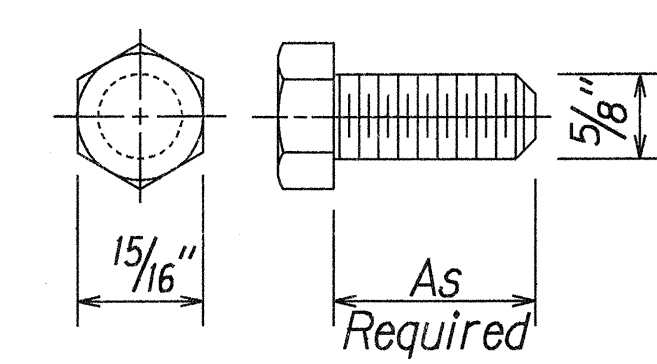


TRANSITION SECTION *

* Post spacing not to be used for Thrie Beam connection to structures. For Connection to Structures, Refer to Sheet C-9.



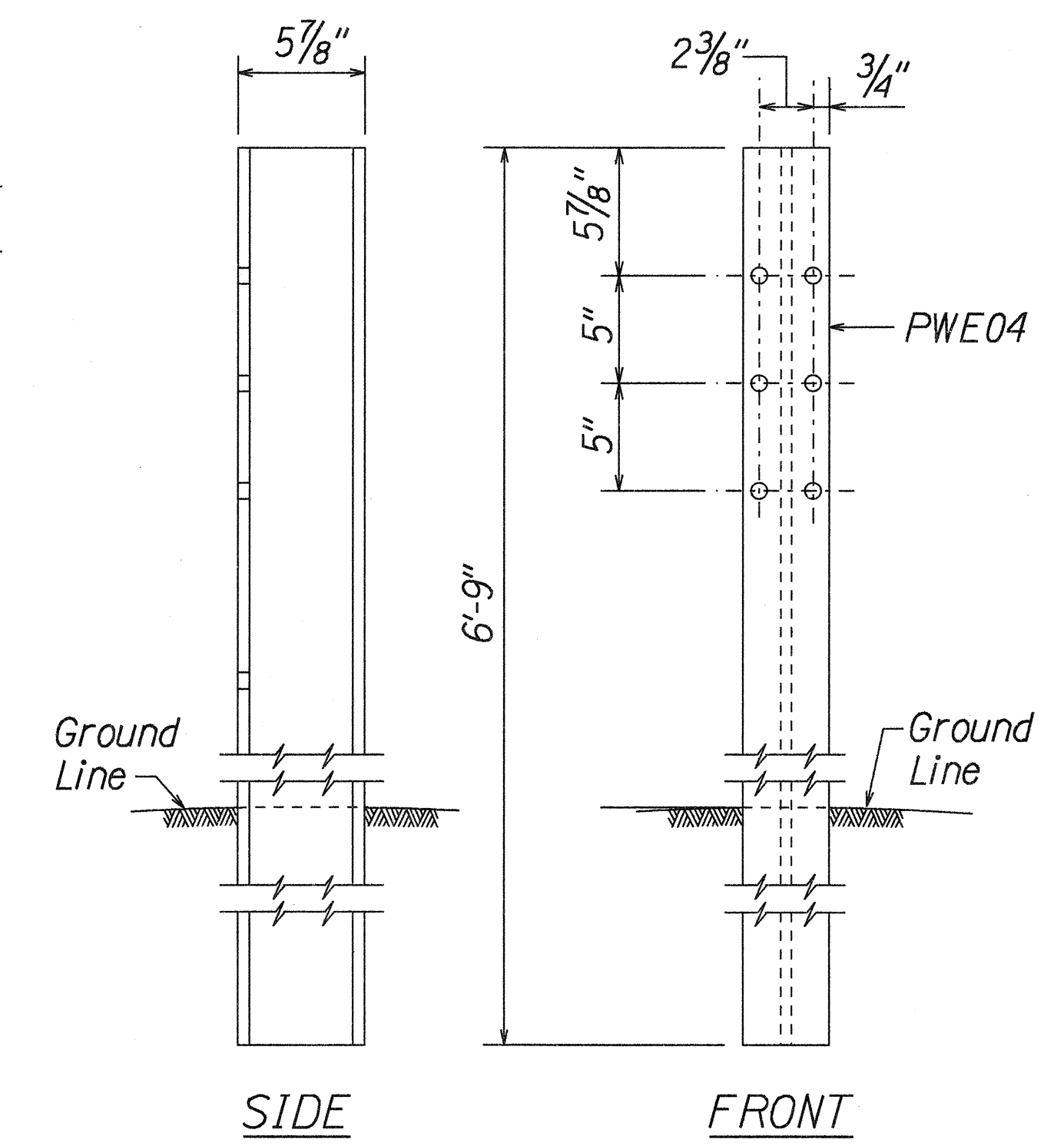
STEEL WASHER FOR 5/8" BOLT



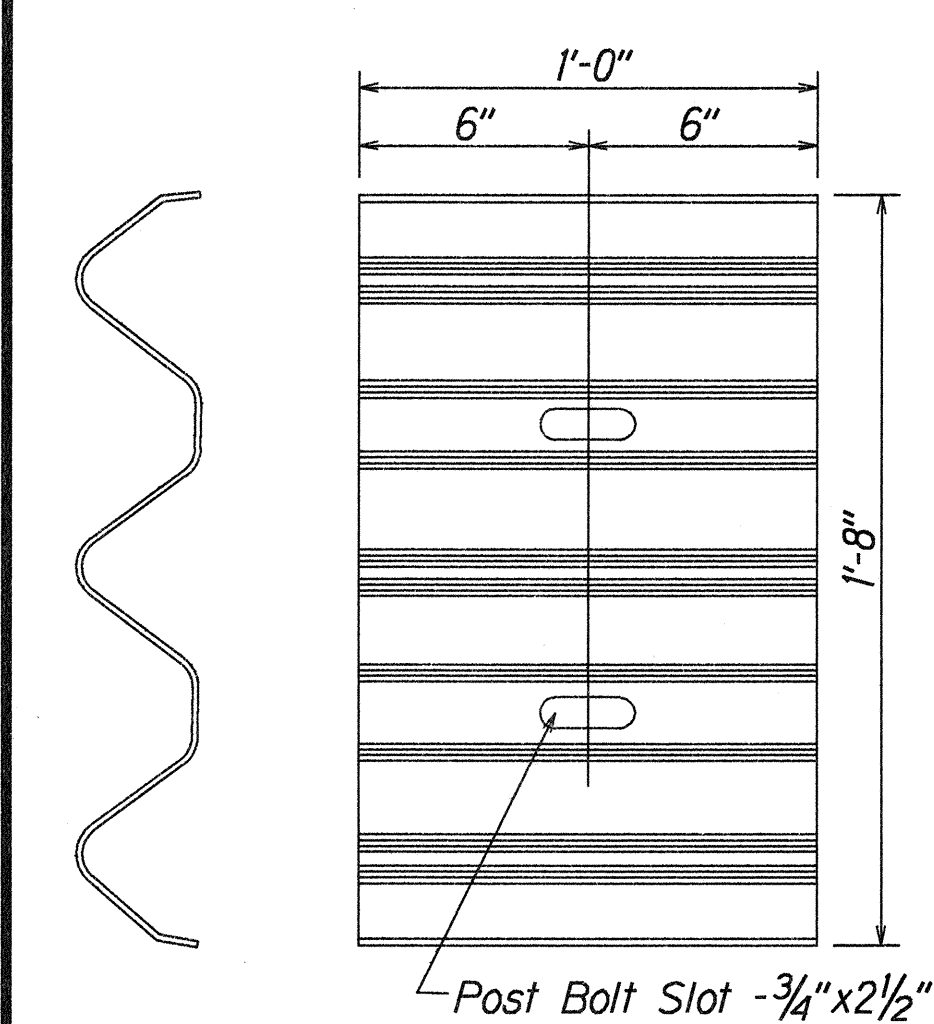
HEX BOLT & NUT (FBX16a)

NOTE: All Holes are 3/4" Dia.

W6x9.0 Structural Shape

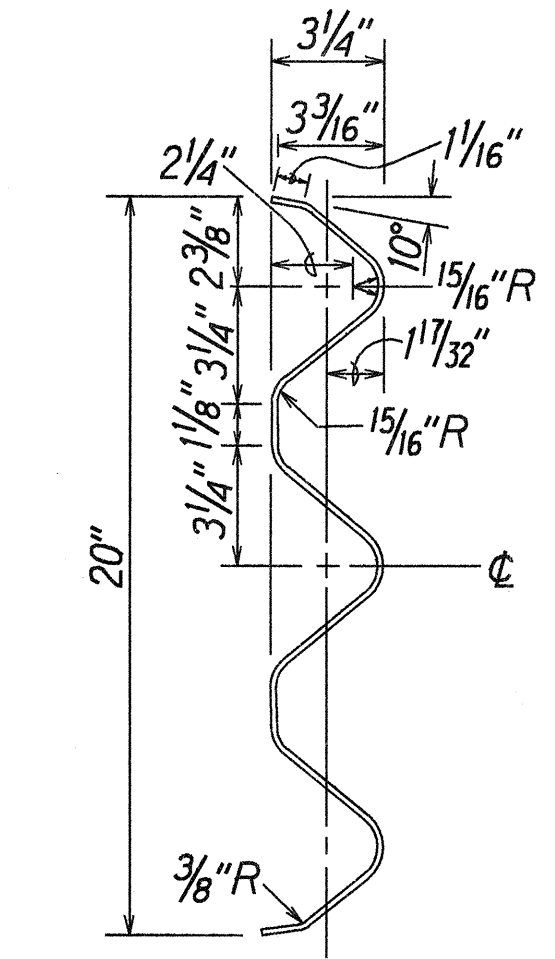


W-BEAM STRONG POST (PWE04)

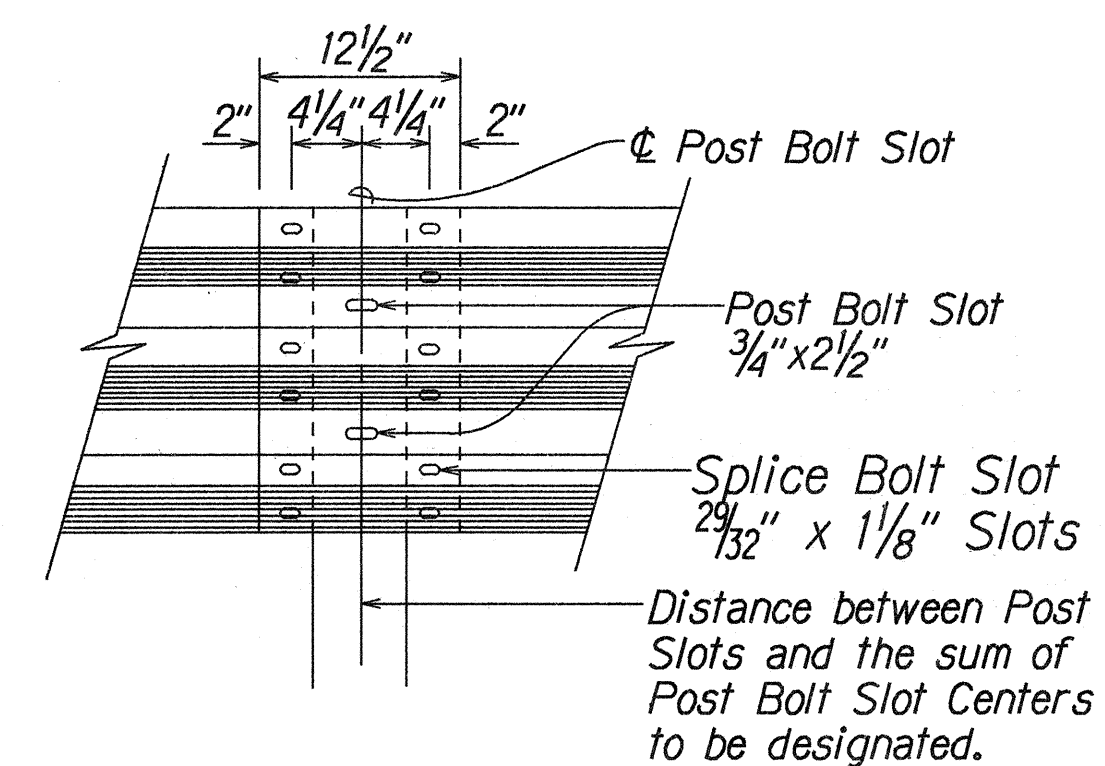


BACKUP PLATE (RTB01b)

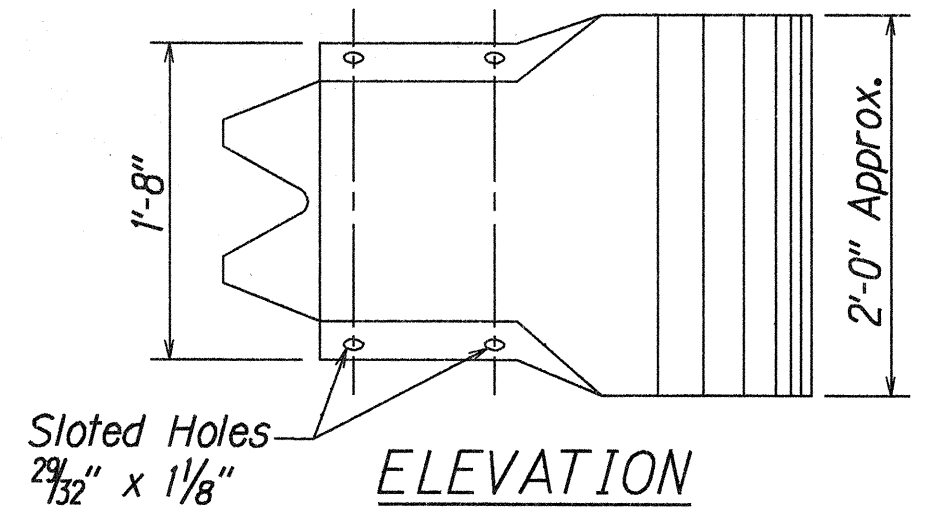
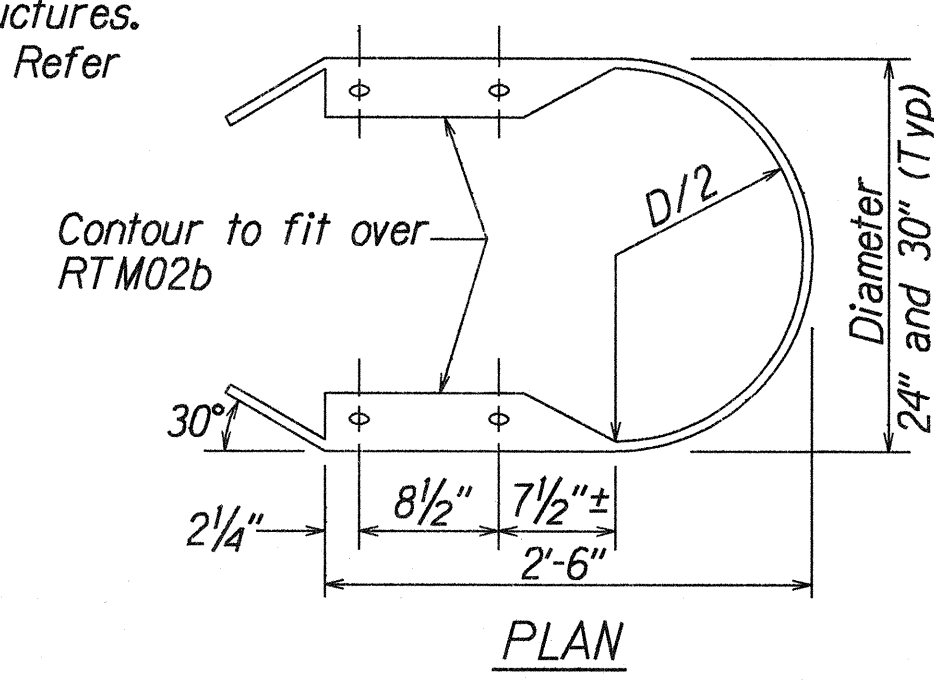
(Use at Posts where Splices do not occur)



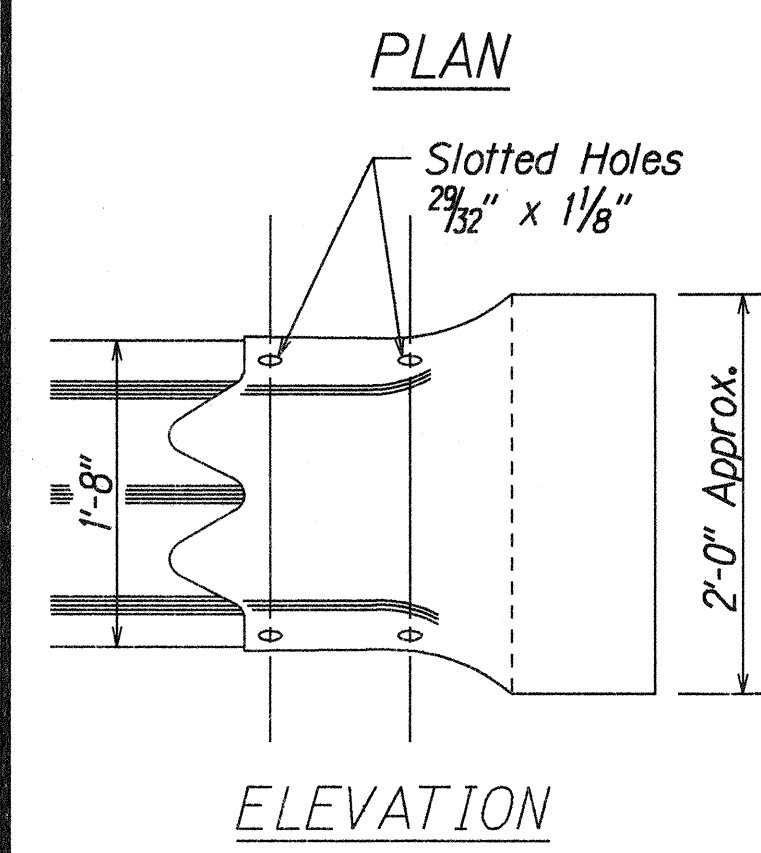
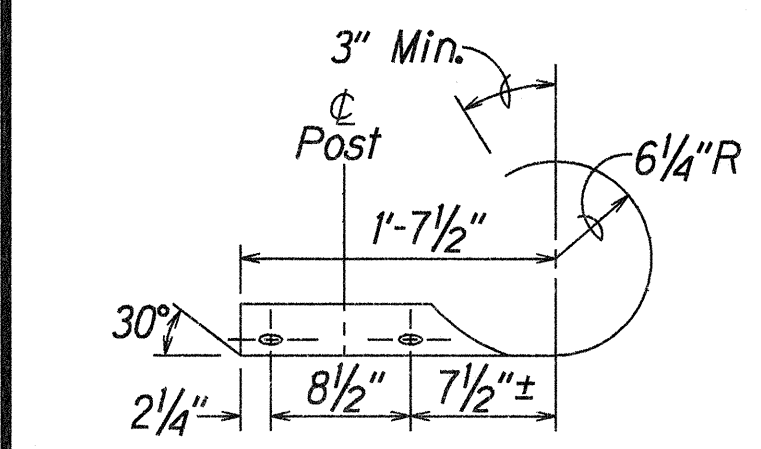
SECTION THRU RAIL ELEMENT (RTM02b)



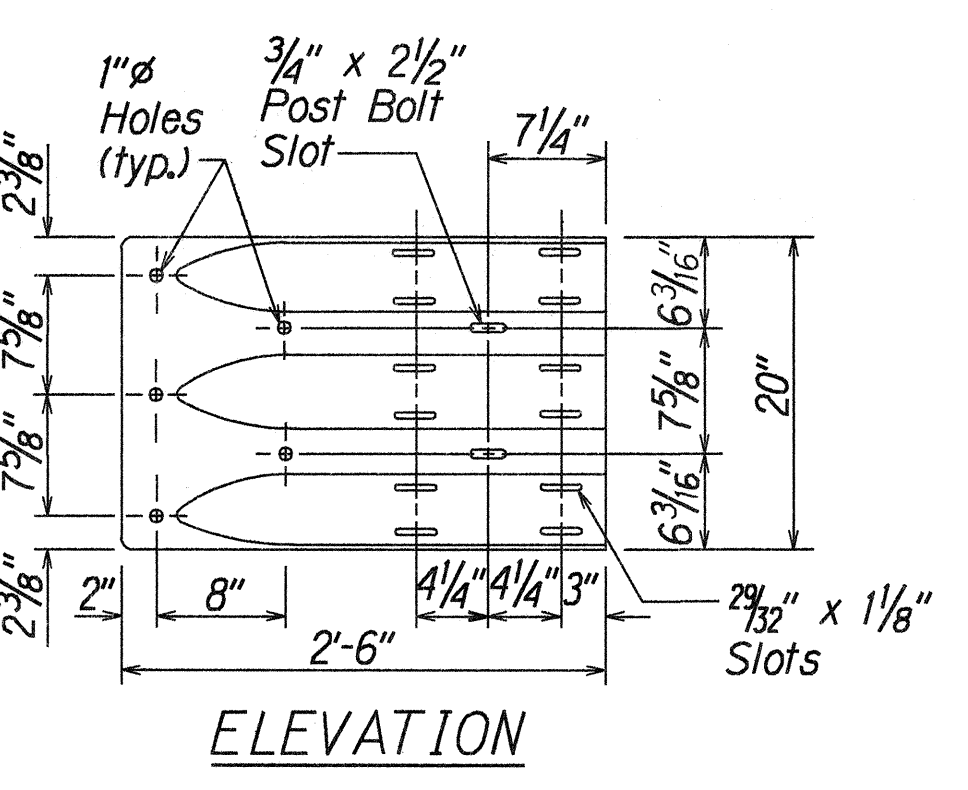
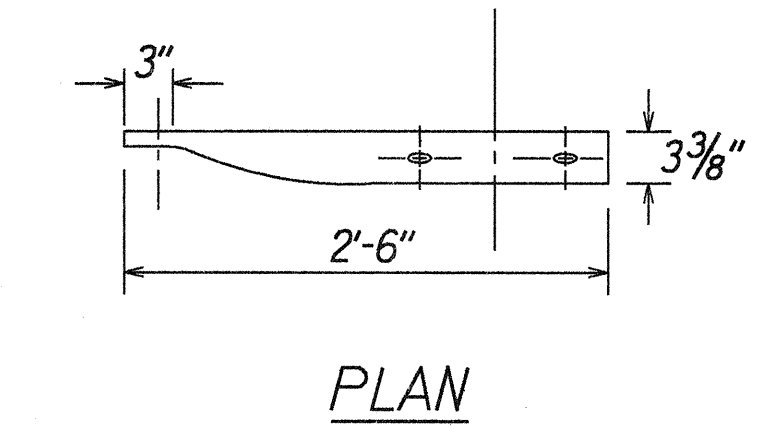
RAIL SPLICE



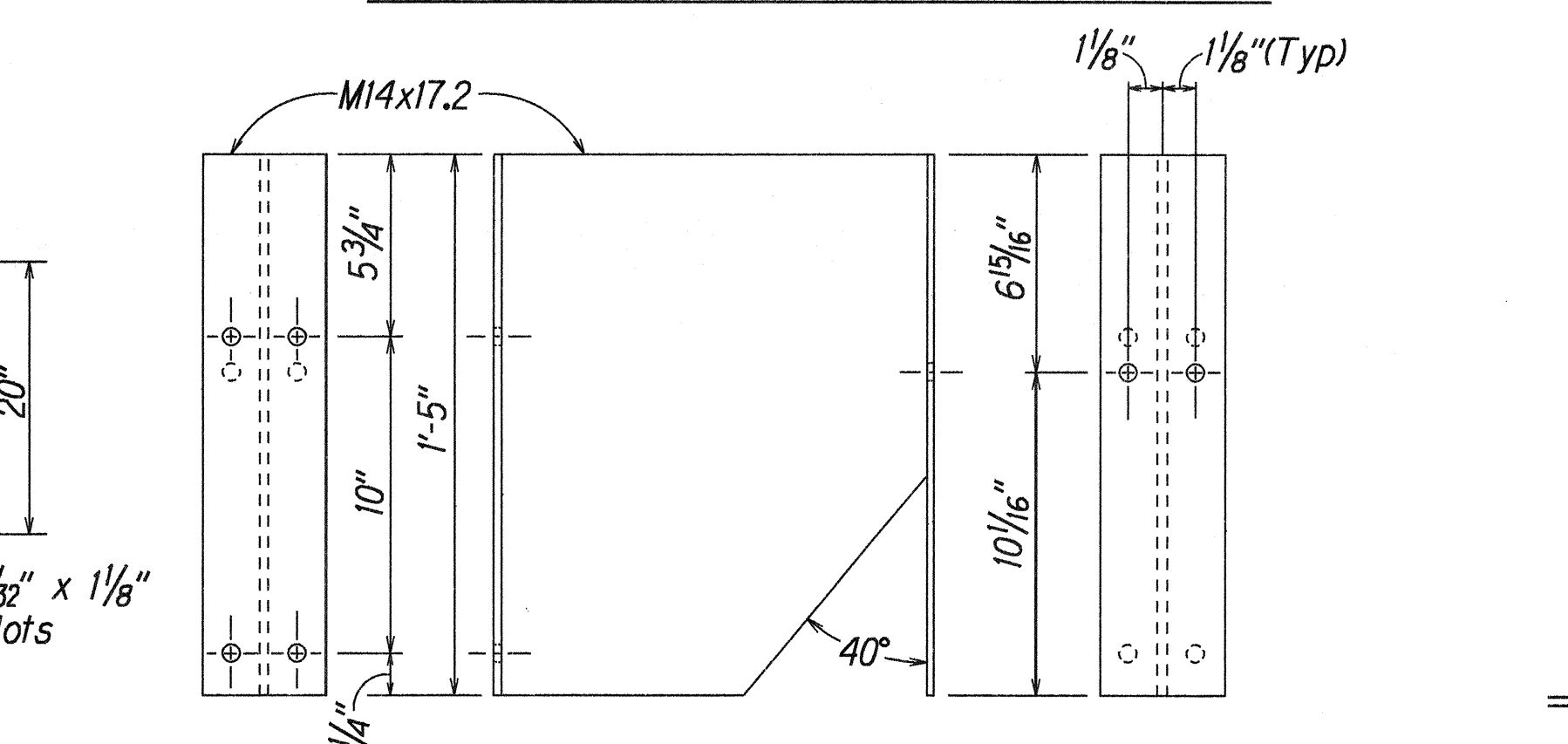
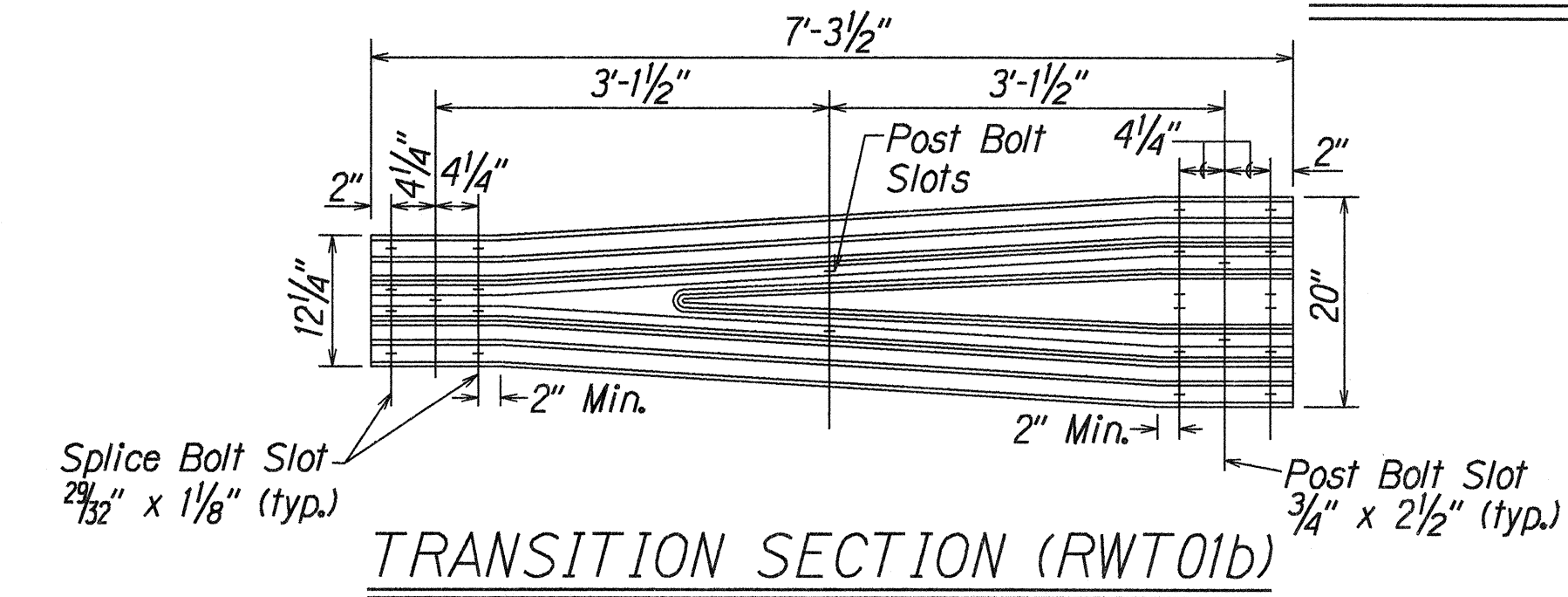
END SECTION (BUFFER RTE03b or RTE04b)



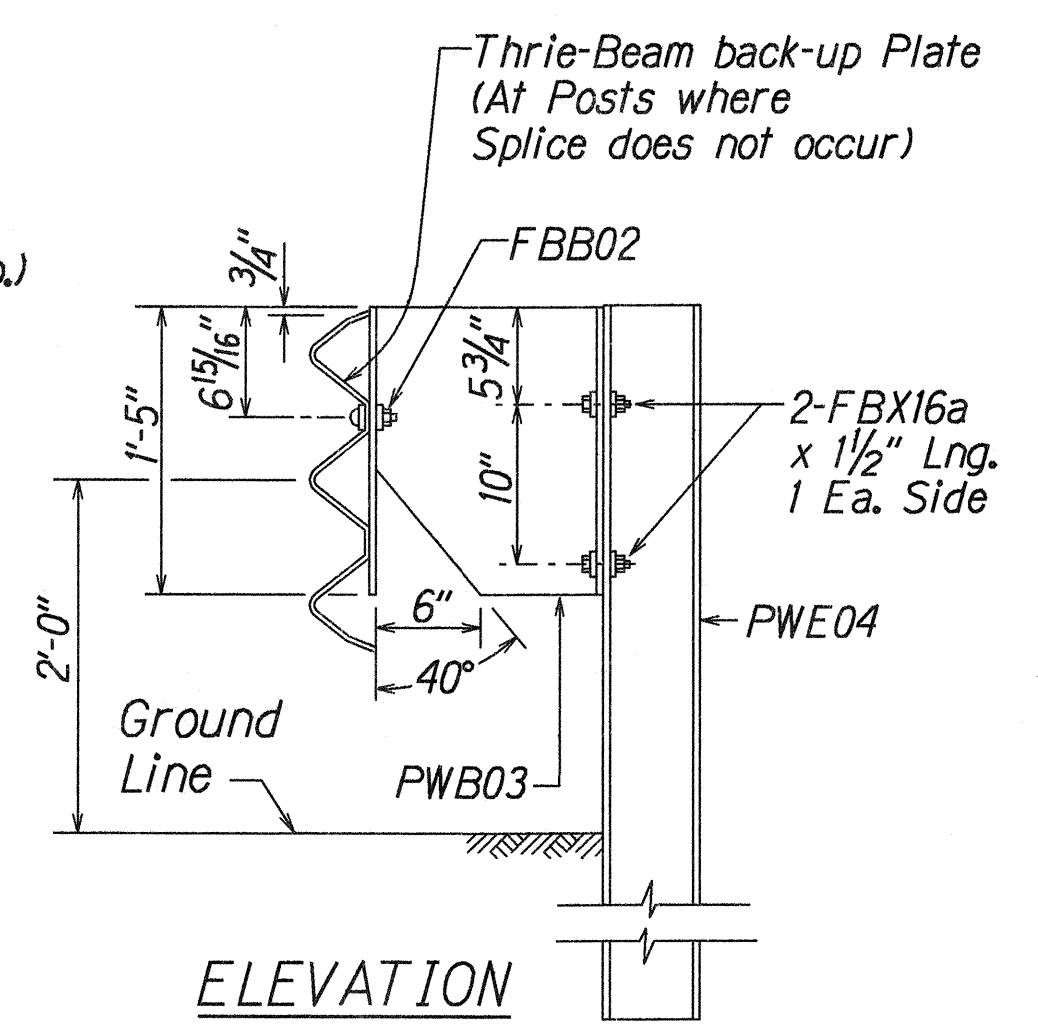
SECTION (ROUNDED) (RTE02b)



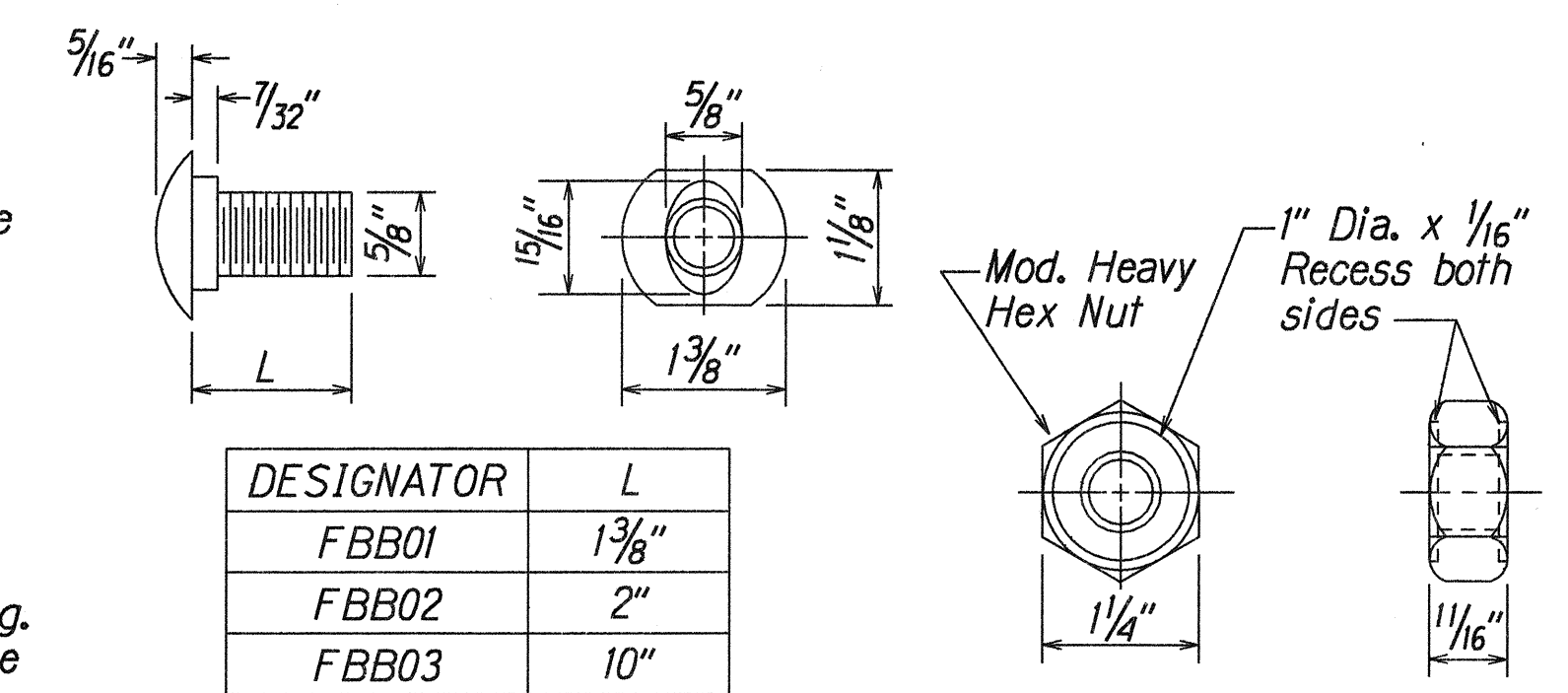
TERMINAL CONNECTOR (RTE01b)



SPACER BLOCK PWB03



STRONG POST MODIFIED THRIE-BEAM GUARDRAIL (SGR09b)



DESIGNATOR	L
FBB01	1 3/8"
FBB02	2"
FBB03	10"

GUARDRAIL BOLTS AND RECESSED NUT

SURVEY PLOTTED BY	DATE	
DRAWN BY		
TRACED BY		
NOTES		
CHECKED BY		
ORIGINAL PLAN		
NOTE BOOK		

13/01/99 hdruby/guardrail/modiftriedgn (standard plan TE-57 rll/03/89 # TE-57a rll/03/89)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRONG POST MODIFIED THRIE-BEAM GUARDRAIL

HANA HIGHWAY
REPLACEMENT OF UAOA BRIDGE AND APPROACHES
DISTRICT OF MAKAWAO
Federal-Aid Project No. BR-036-1(14)

Scale: NTS Date: May, 1999

SHEET No. C-26 OF 42 SHEETS