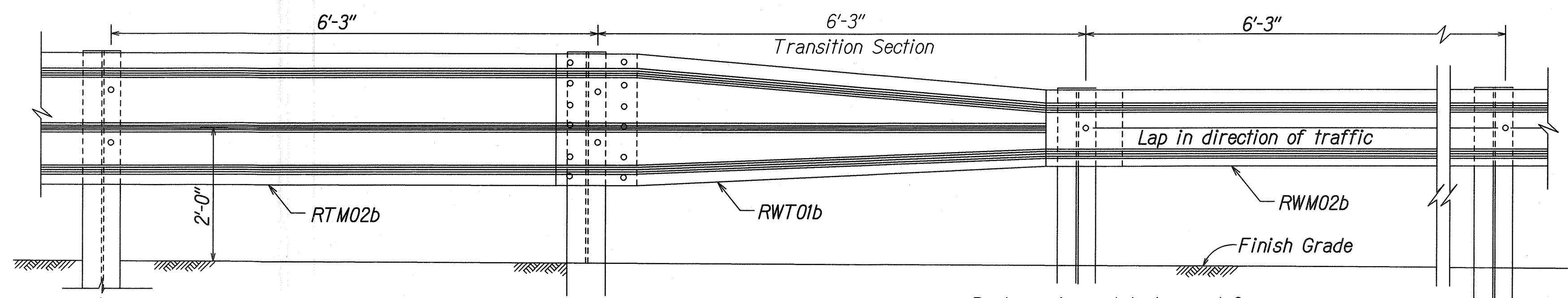
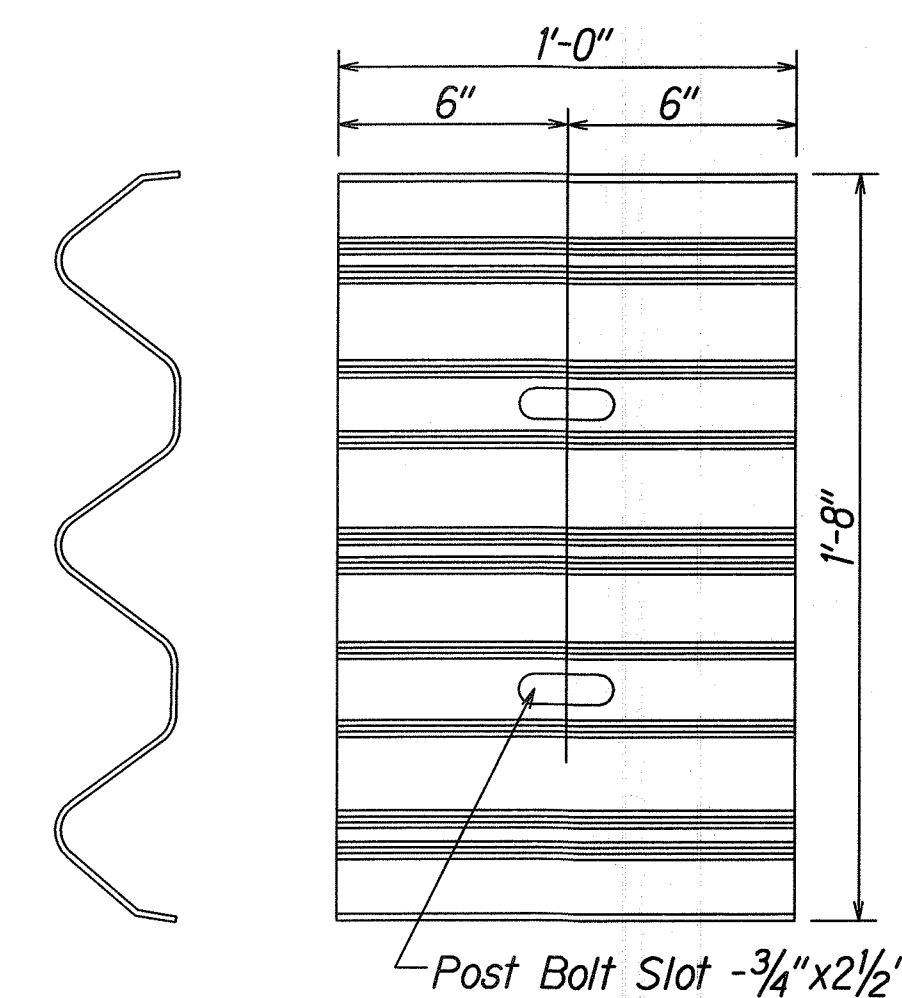


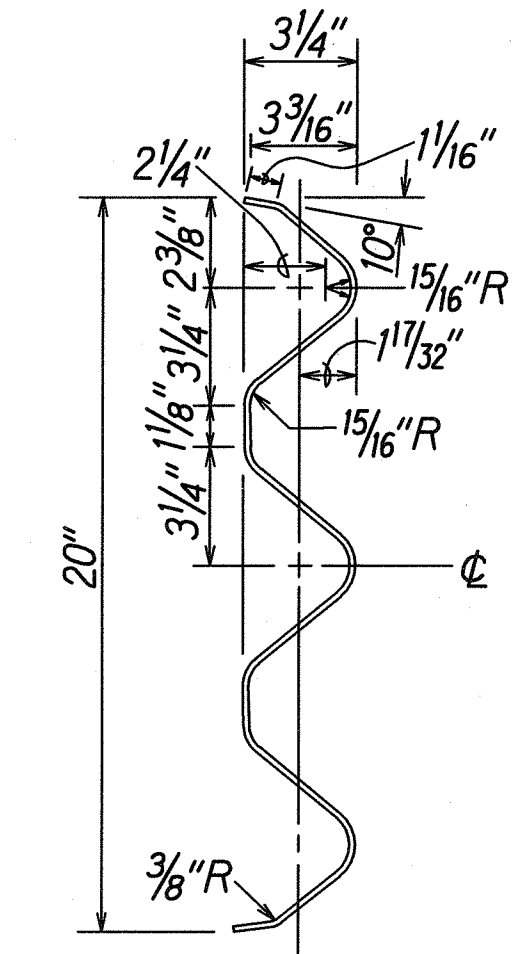
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61C-01-041	2004	77	91



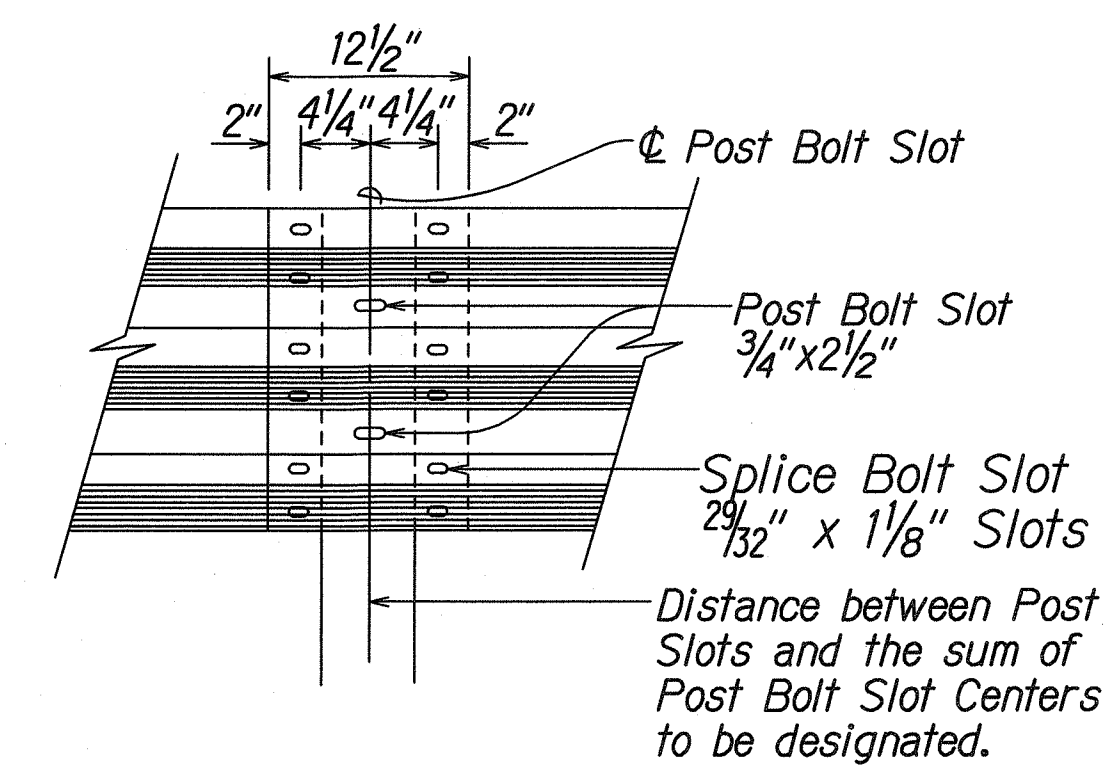
TRANSITION SECTION*
* Post spacing not to be used for Thrie Beam connection to structures.



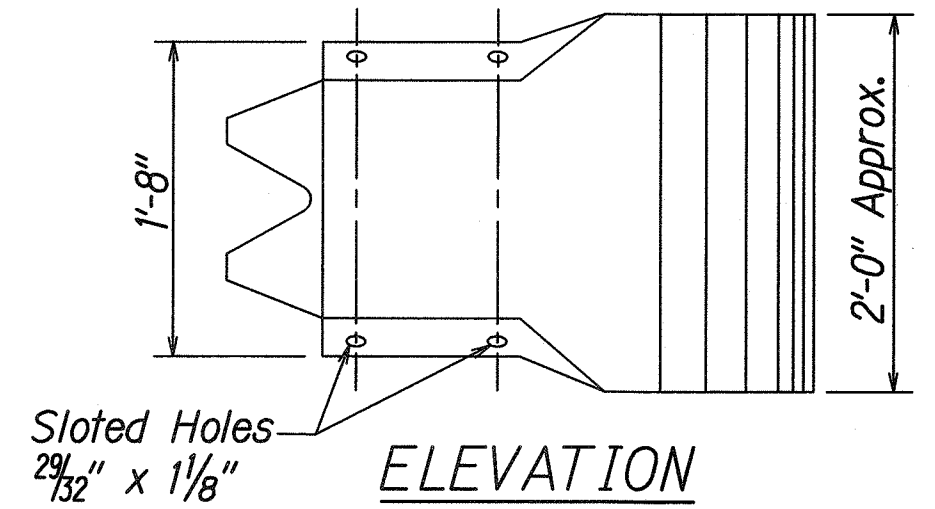
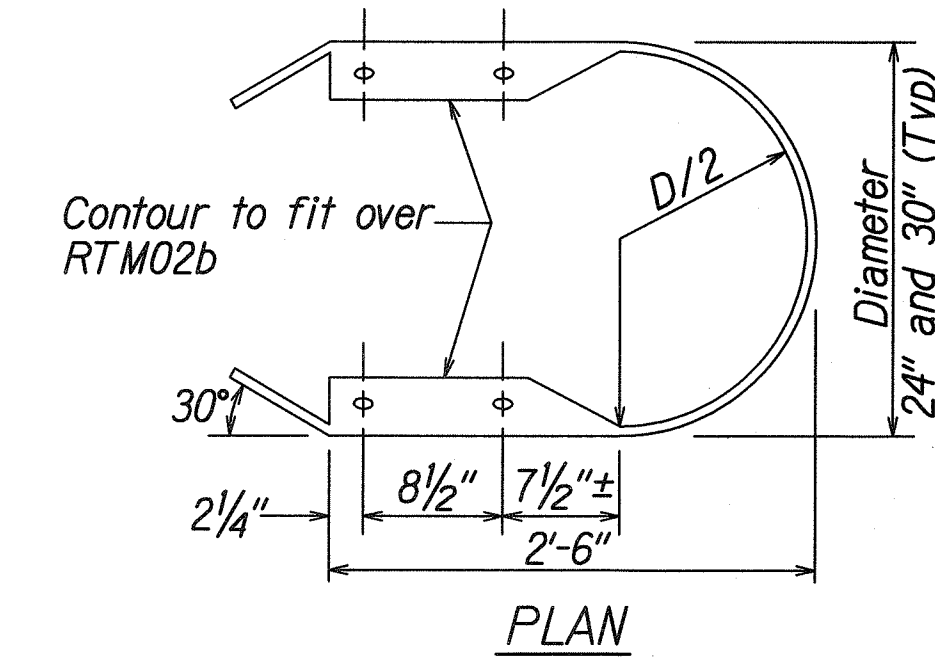
BACKUP PLATE (RTB01b)
(Use at Posts where Splices do not occur)



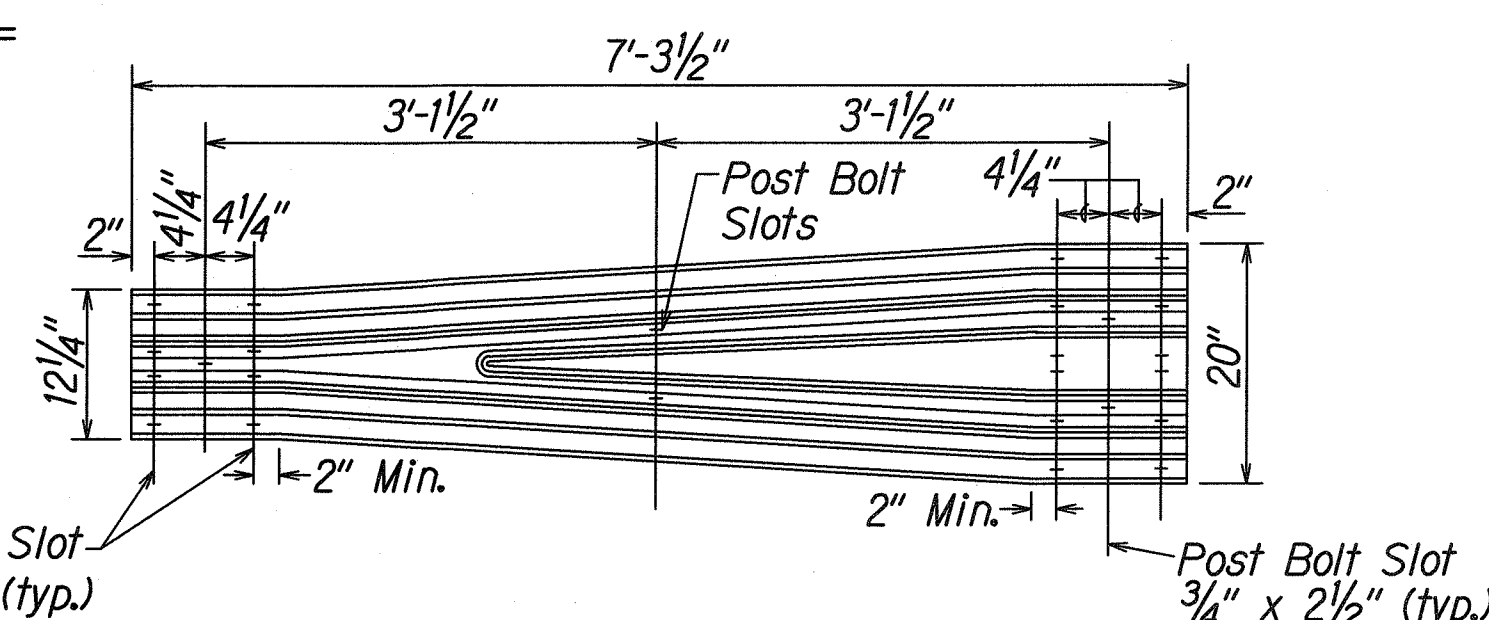
SECTION THRU RAIL ELEMENT (RTM02b)



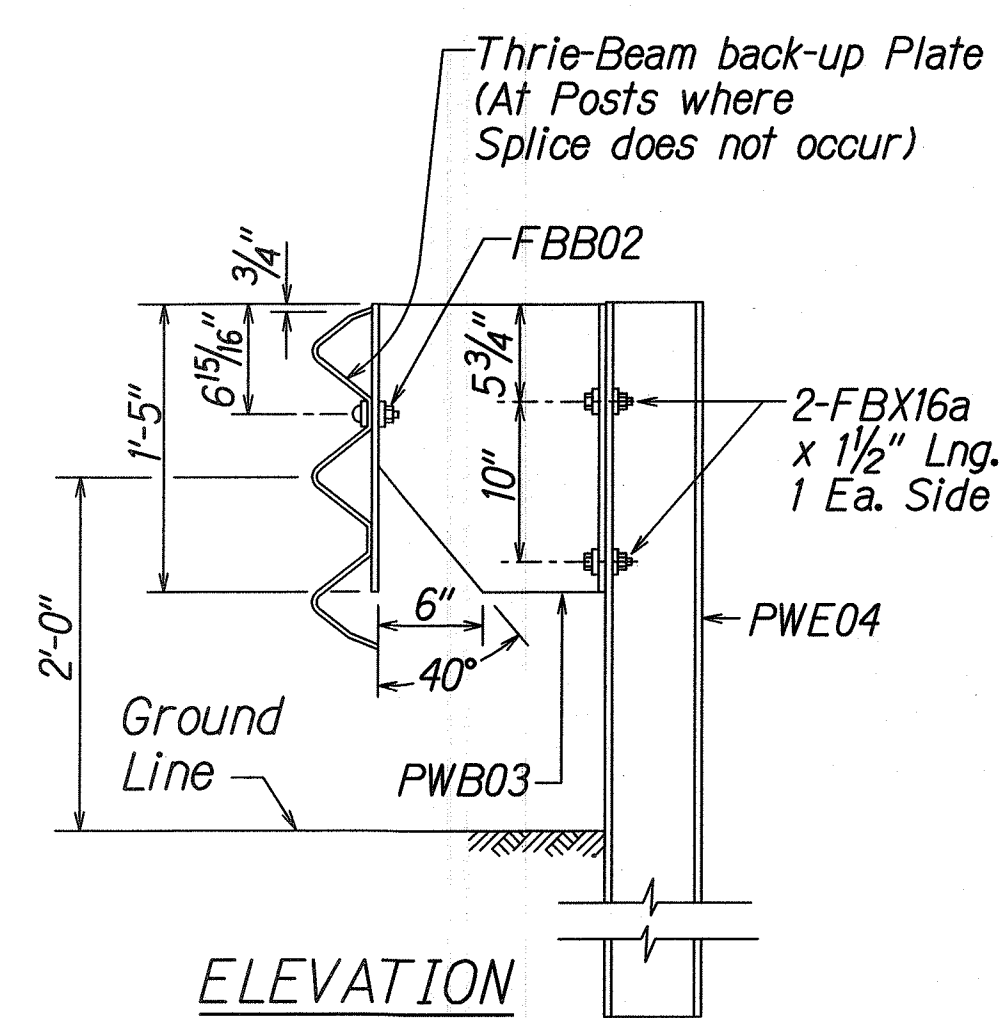
RAIL SPLICE



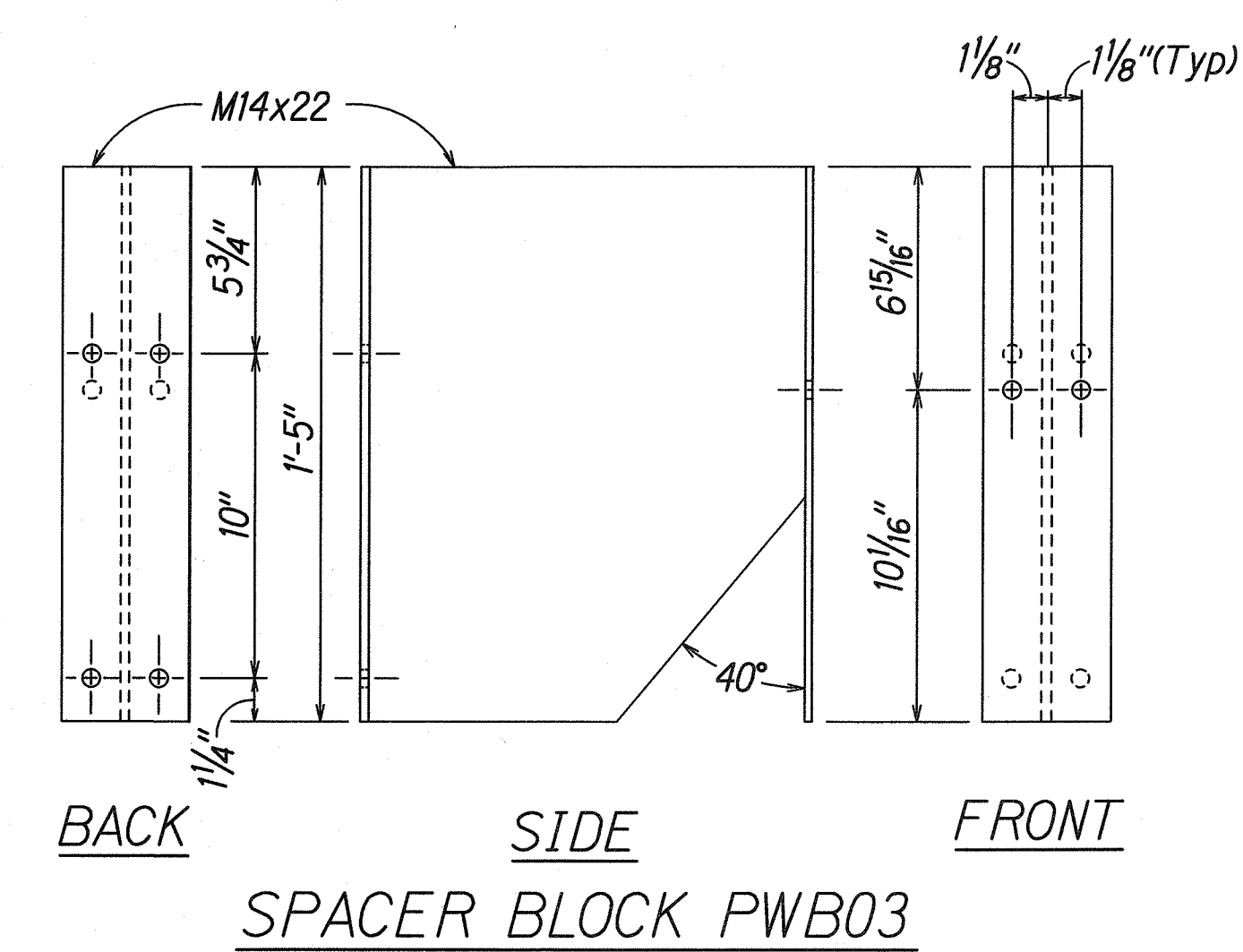
END SECTION (BUFFER RTE03b or RTE04b)



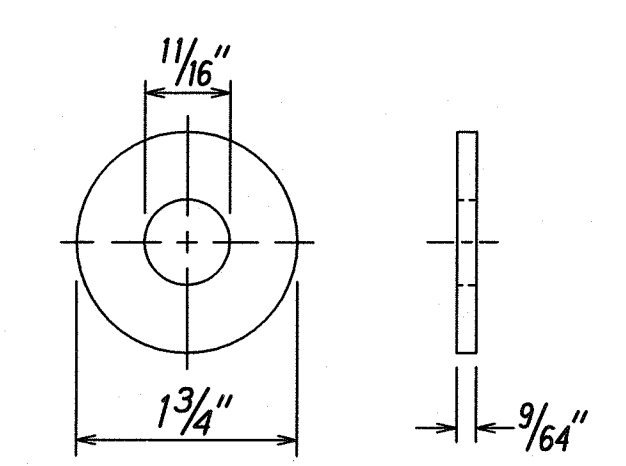
TRANSITION SECTION (RWT01b)



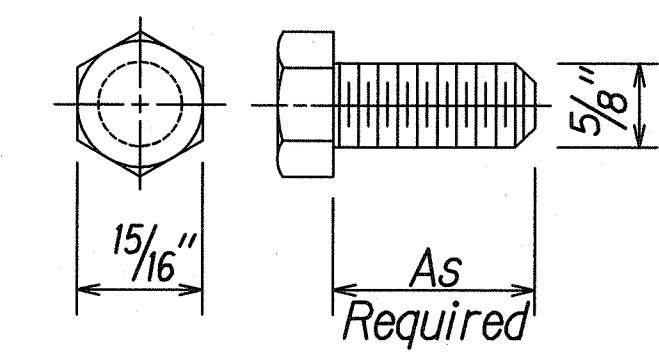
STRONG POST MODIFIED THRIE-BEAM GUARDRAIL (SGR09b)



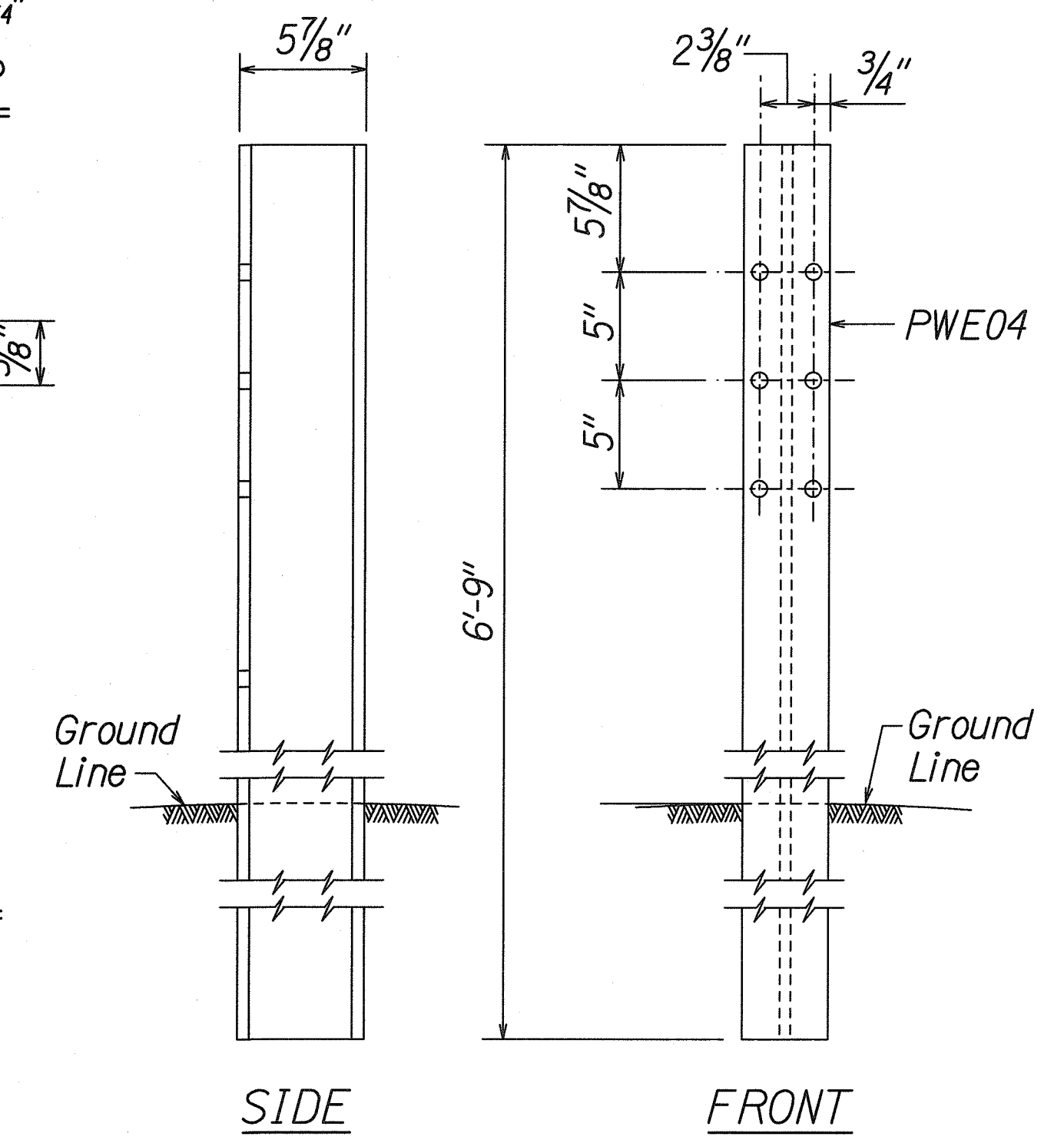
SPACER BLOCK PWB03



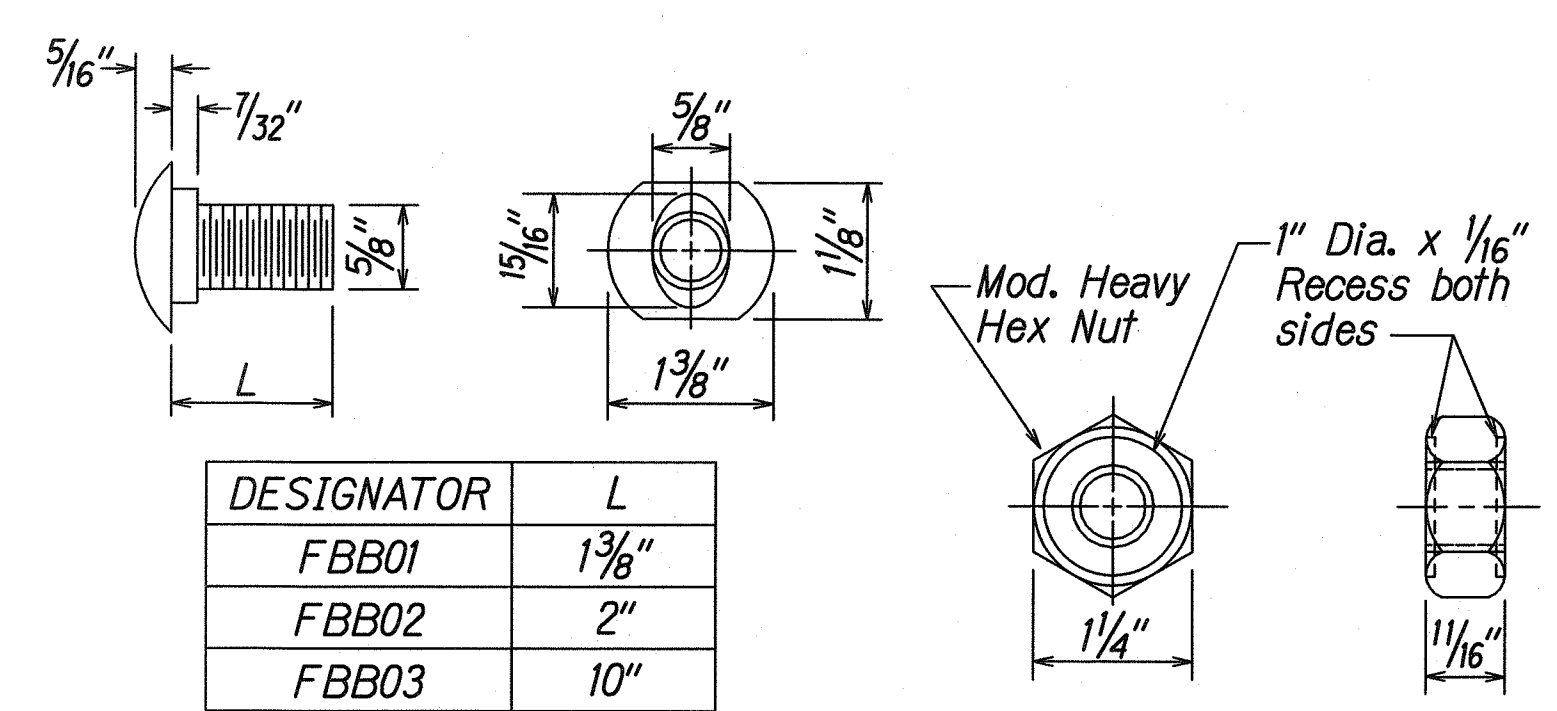
STEEL WASHER FOR 5/8" BOLT



HEX BOLT & NUT (FBX16a)



W-BEAM STRONG POST (PWE04)



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

GUARDRAIL BOLTS AND RECESSED NUT

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

J:\CASTLE JUNCTION\STATE\MOD\THRIE.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Rum

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRONG POST MODIFIED THRIE-BEAM GUARDRAIL

KALANIANA'OLE HIGHWAY

EMERGENCY LANDSLIDE REPAIRS AT CASTLE JUNCTION

PROJECT NO. 61C-01-041-02-04
Scale: NTS Date: Sept. 26, 2003

SHEET No. F-6 OF 20 SHEETS