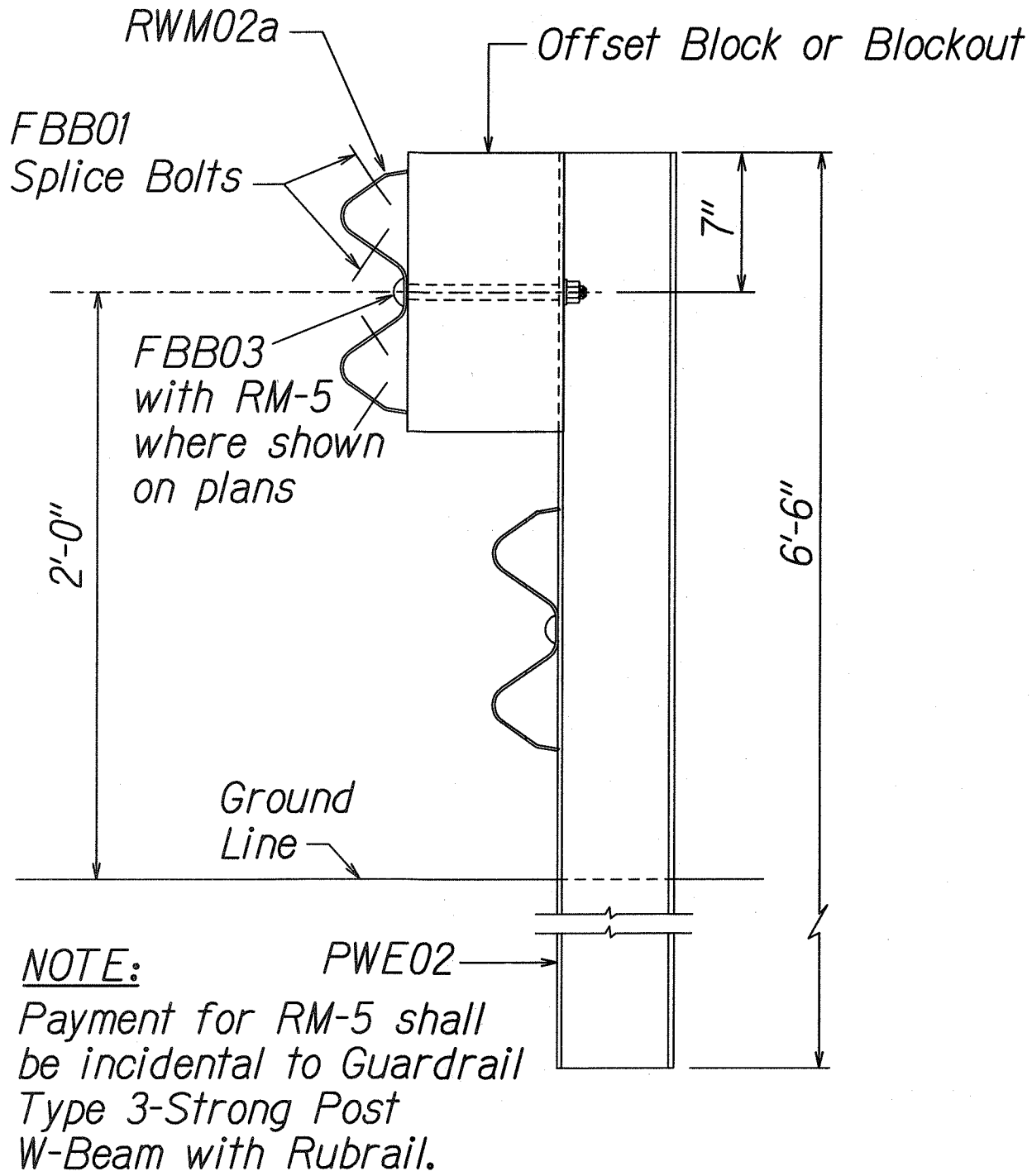
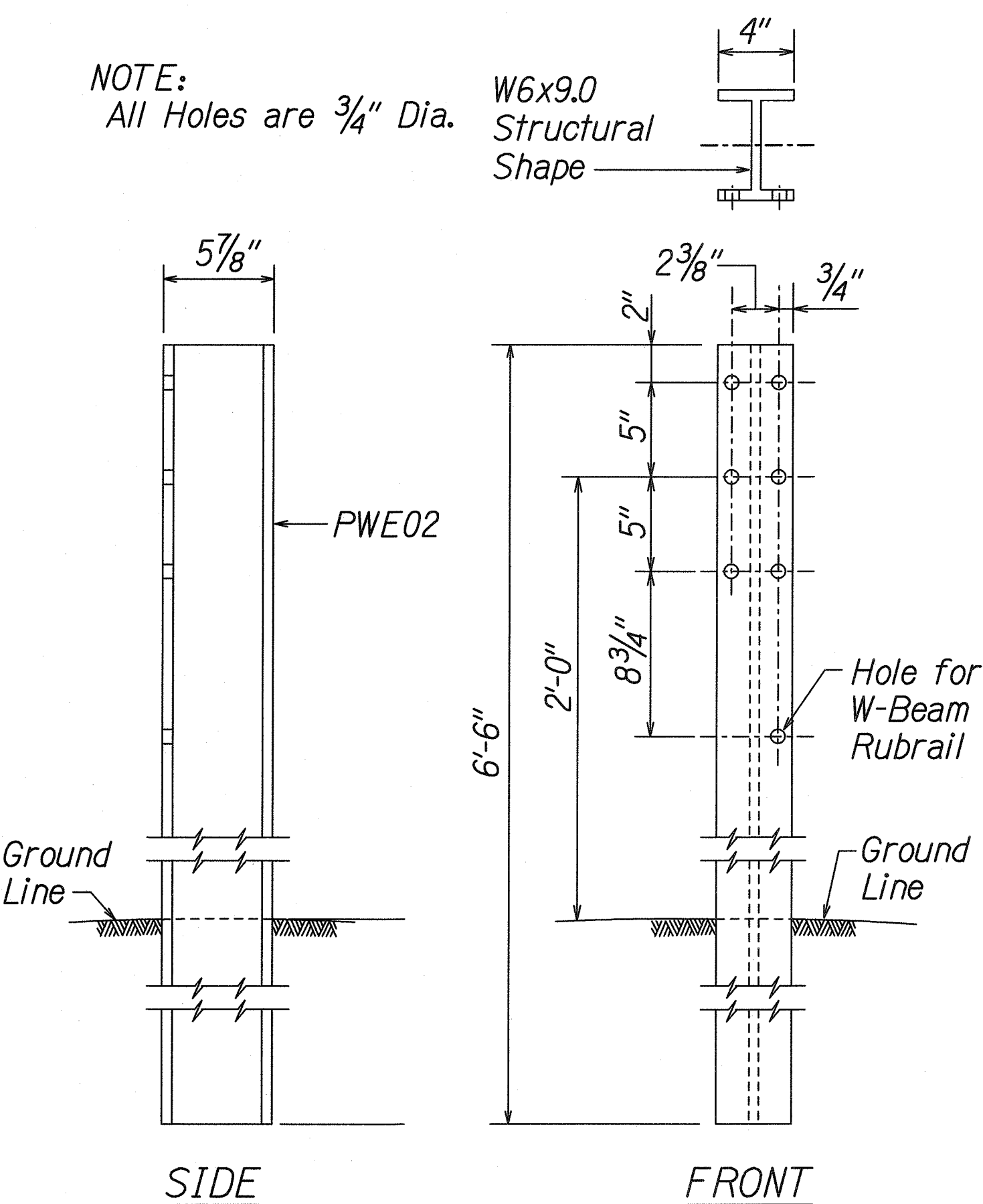


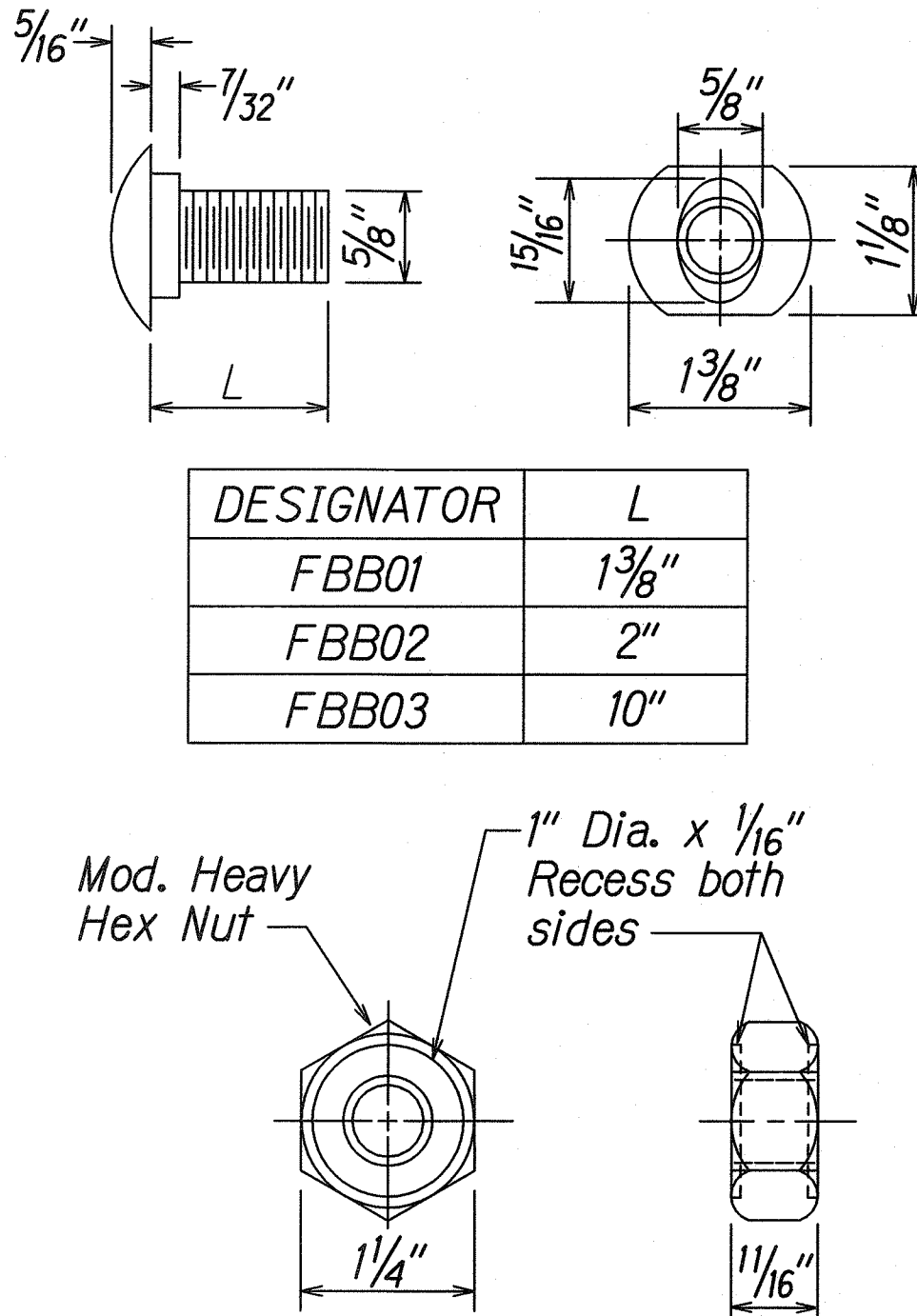
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61C-01-04H	2004	21	91



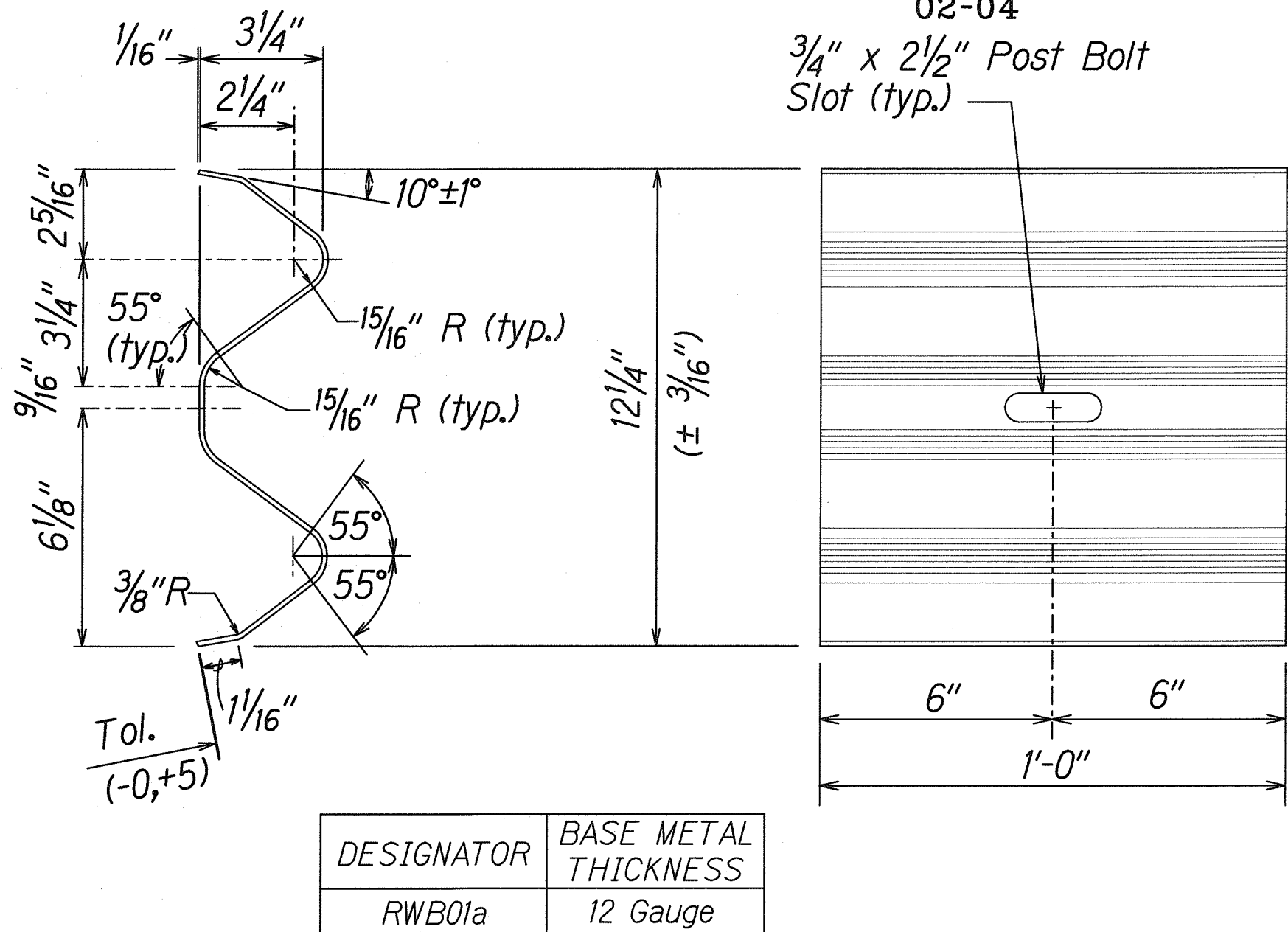
ELEVATION
STRONG POST RUBRAIL
(W-BEAM) GUARDRAIL



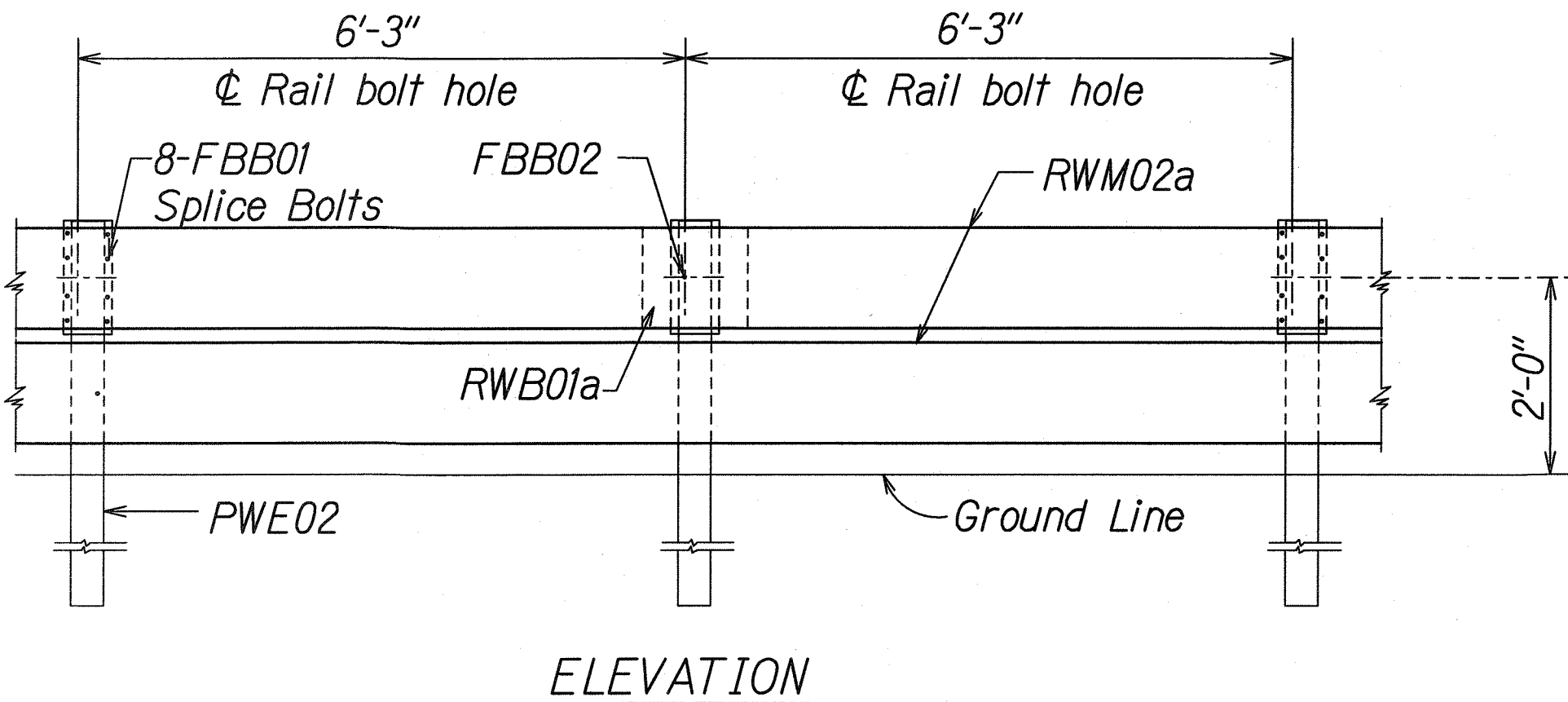
W-BEAM STRONG POST (PWE02)



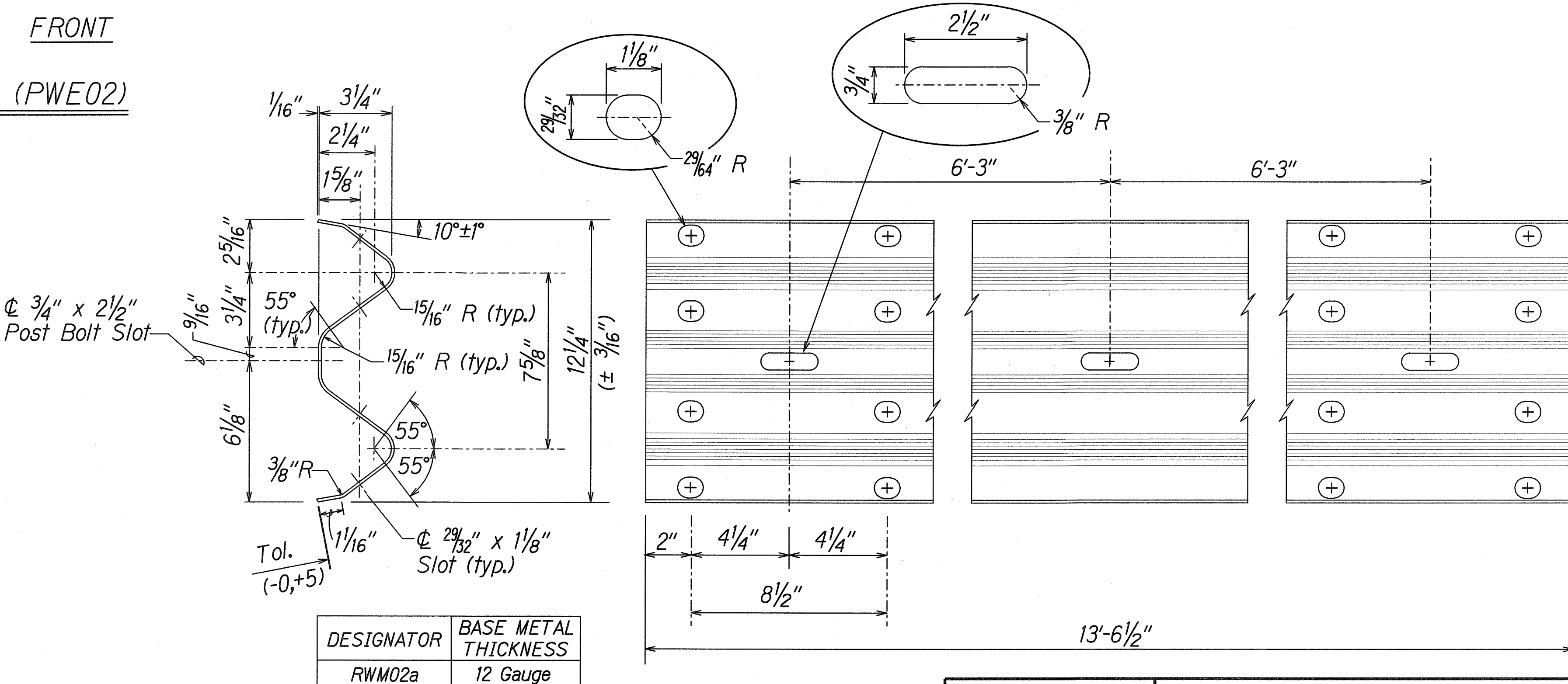
GUARDRAIL BOLTS AND RECESSED NUT



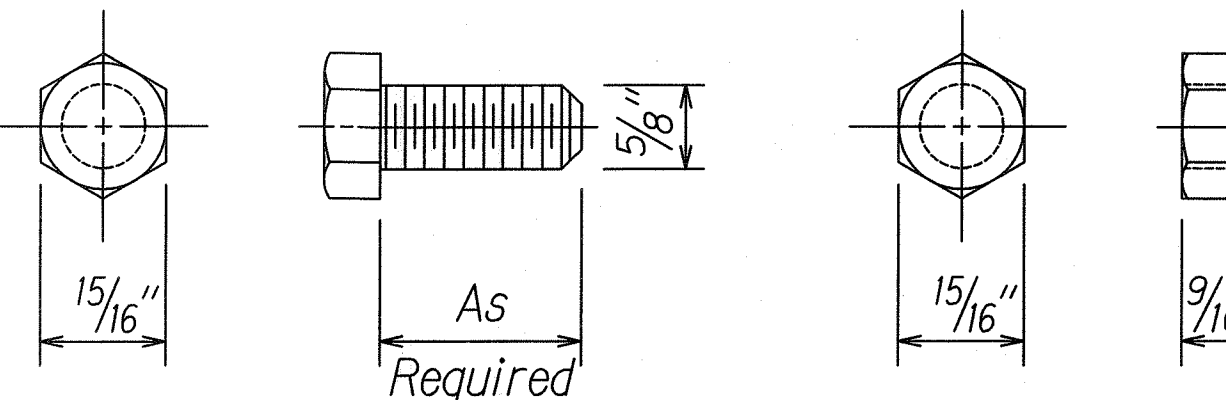
W-BEAM BACK-UP-PLATE (RWB01a)



STRONG POST RUBRAIL (W-BEAM) GUARDRAIL WITH
RECYCLED OFFSET BLOCK OR PLASTIC BLOCKOUT



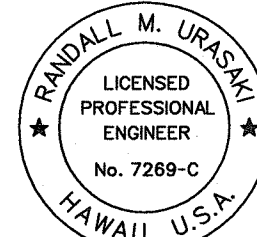
2 SPACE W-BEAM GUARDRAIL (RWM02a)



HEX BOLT & NUT (FBX16a)

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	" _____
NOTE BOOK	DESIGNED BY _____	" _____
	QUANTITIES BY _____	" _____
	CHECKED BY _____	" _____

J:/CASTLE JUNCTION/ROAD/RUBRAIL.dgn



THIS WORK WAS PREPARED BY
OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STRONG POST RUBRAIL
(W-BEAM) GUARDRAIL
KALANIANA'OLE HIGHWAY
EMERGENCY LANDSLIDE REPAIRS AT CASTLE JUNCTION
PROJECT NO. 61C-~~01-044~~-02-04
Scale: Scale: Date: Sept. 26, 2003
SHEET No. C-9 OF 12 SHEETS