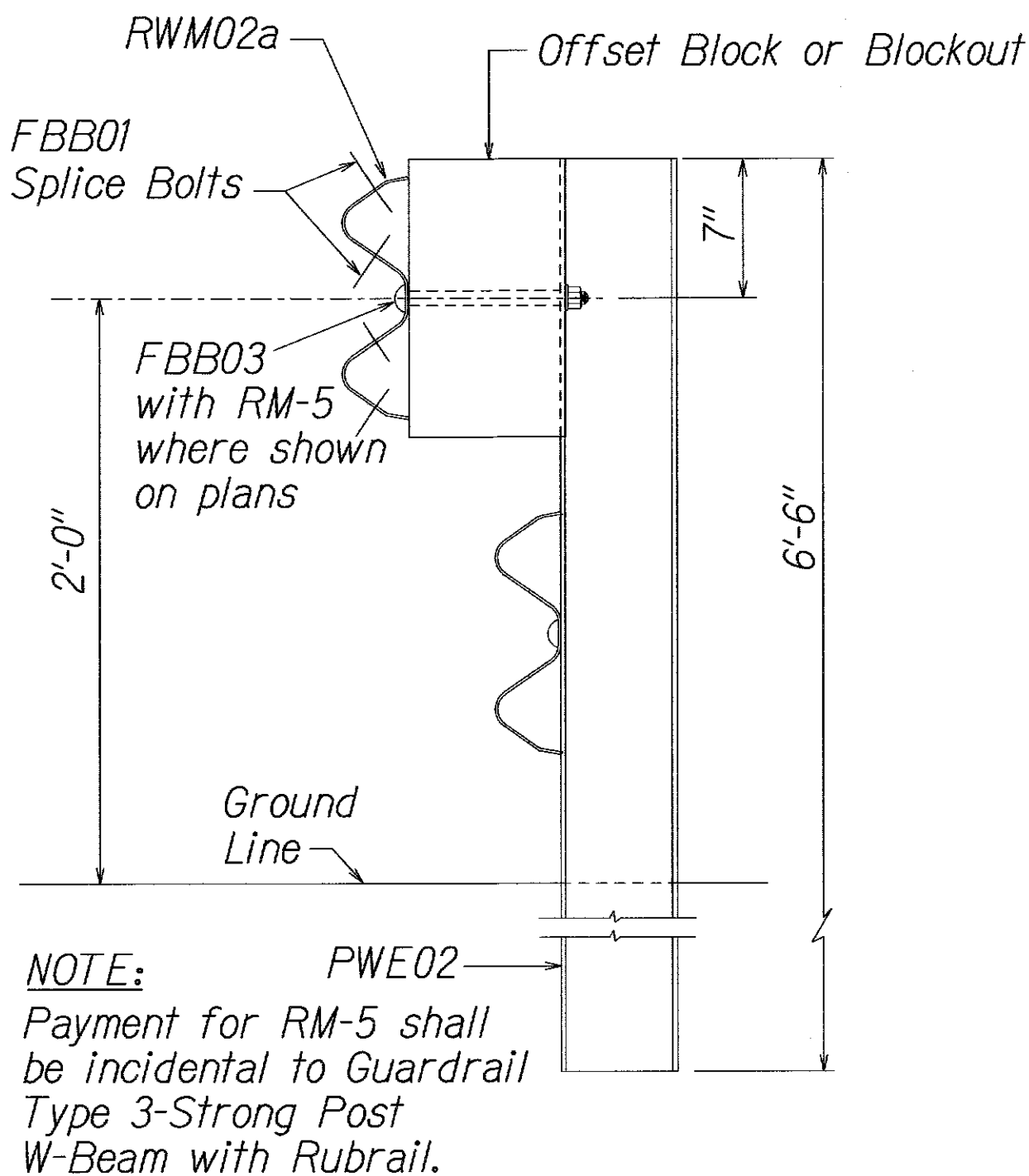
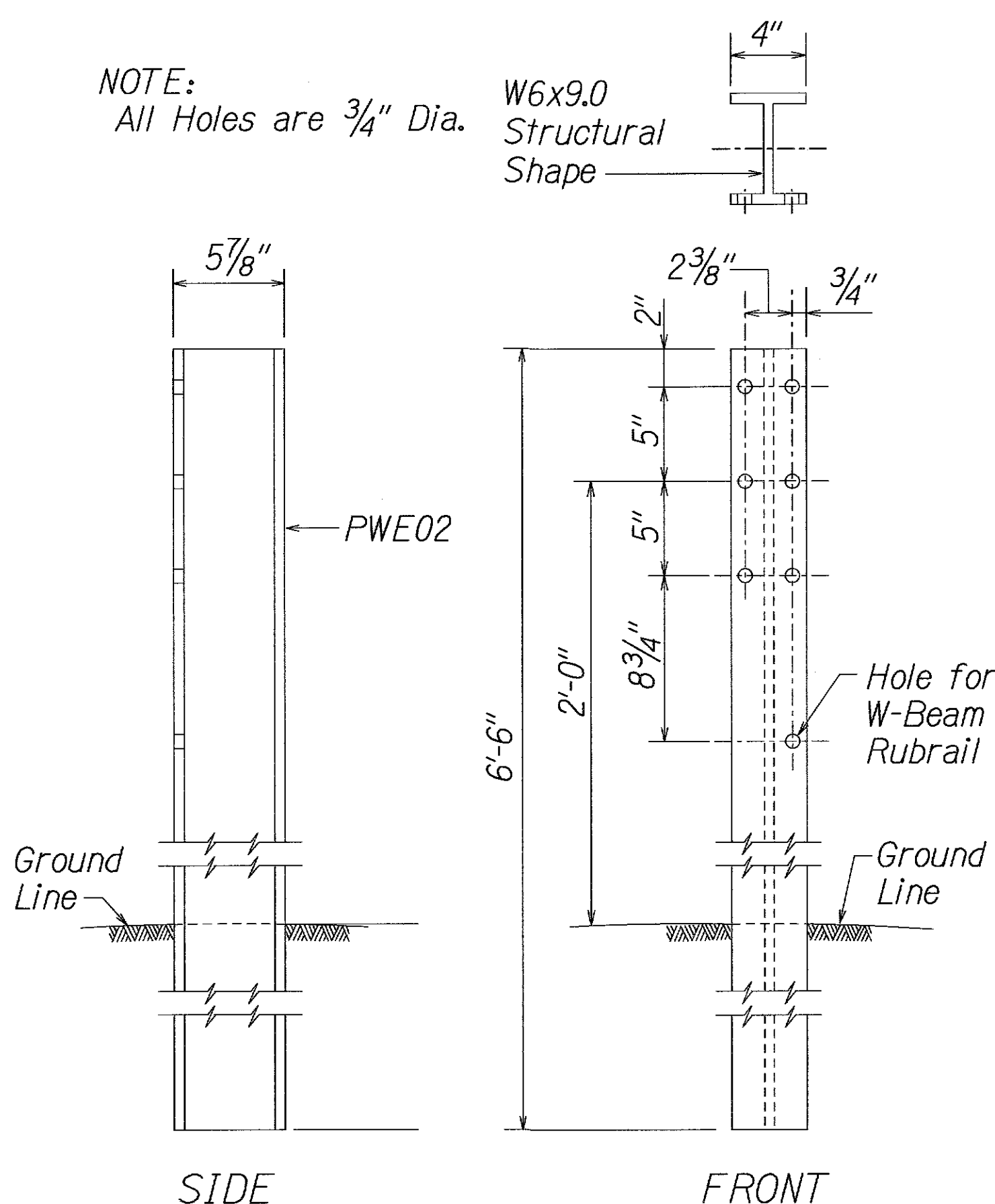


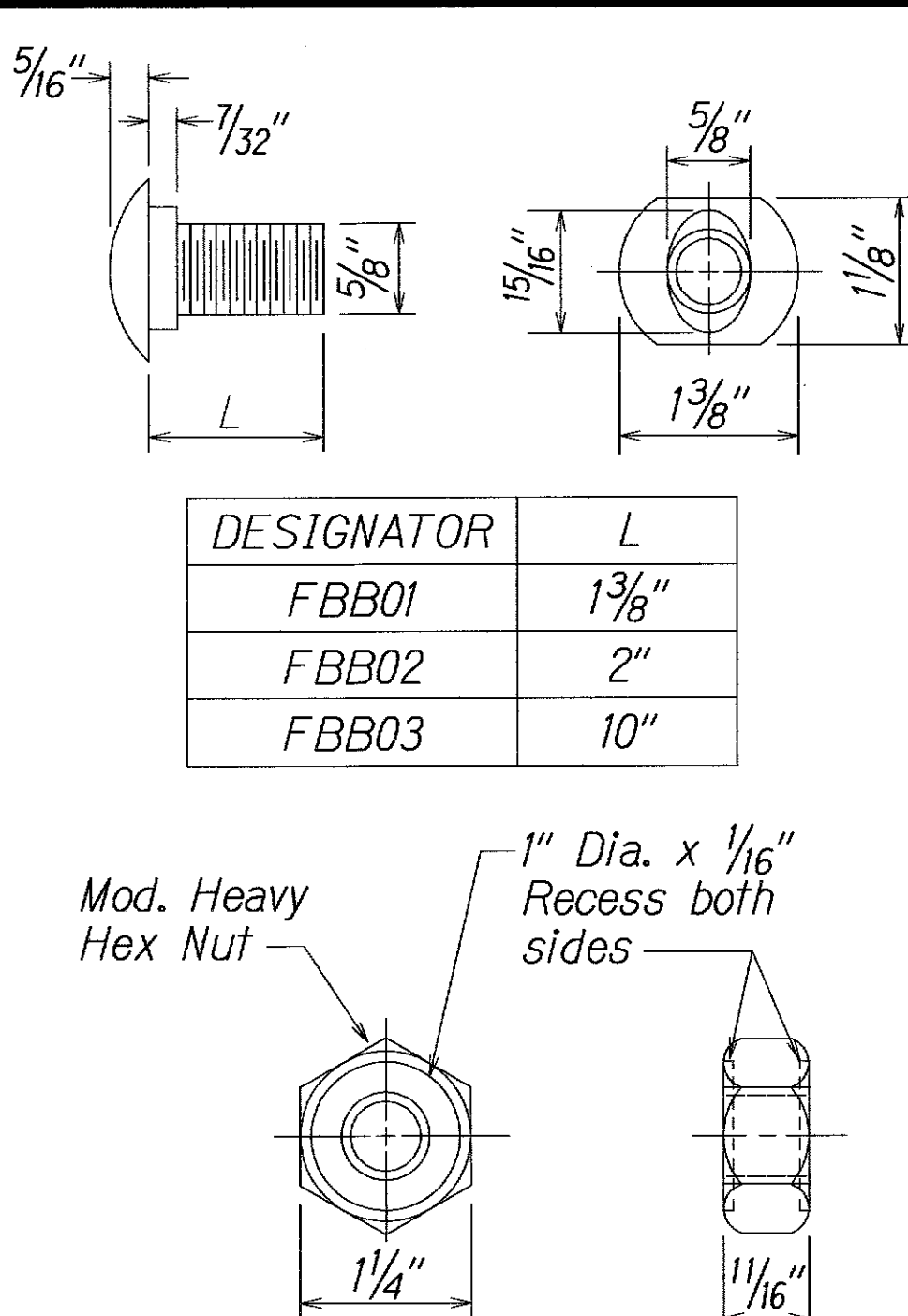
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61C-01-04M	2004	21	91



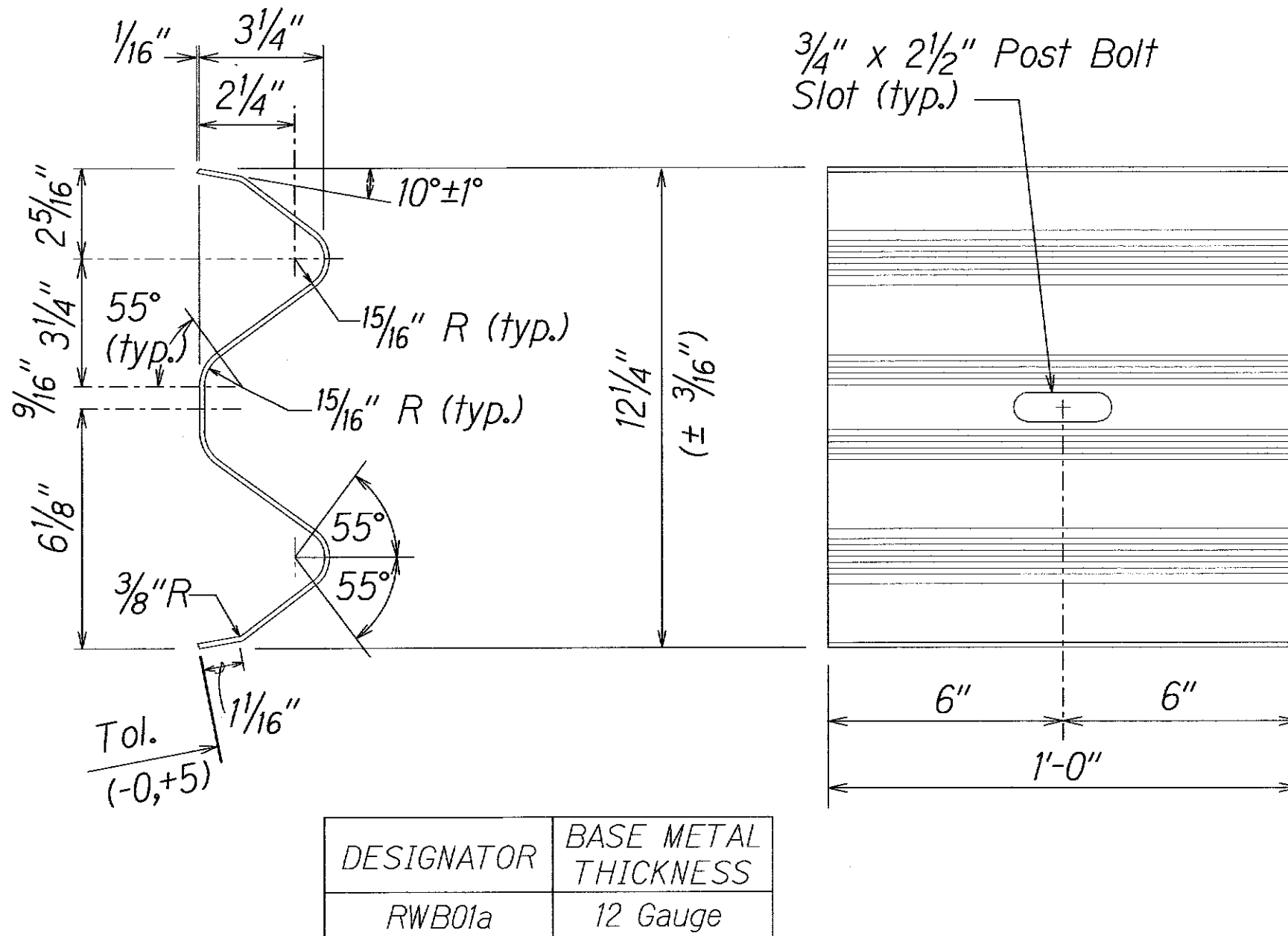
ELEVATION
STRONG POST RUBRAIL
(W-BEAM) GUARDRAIL



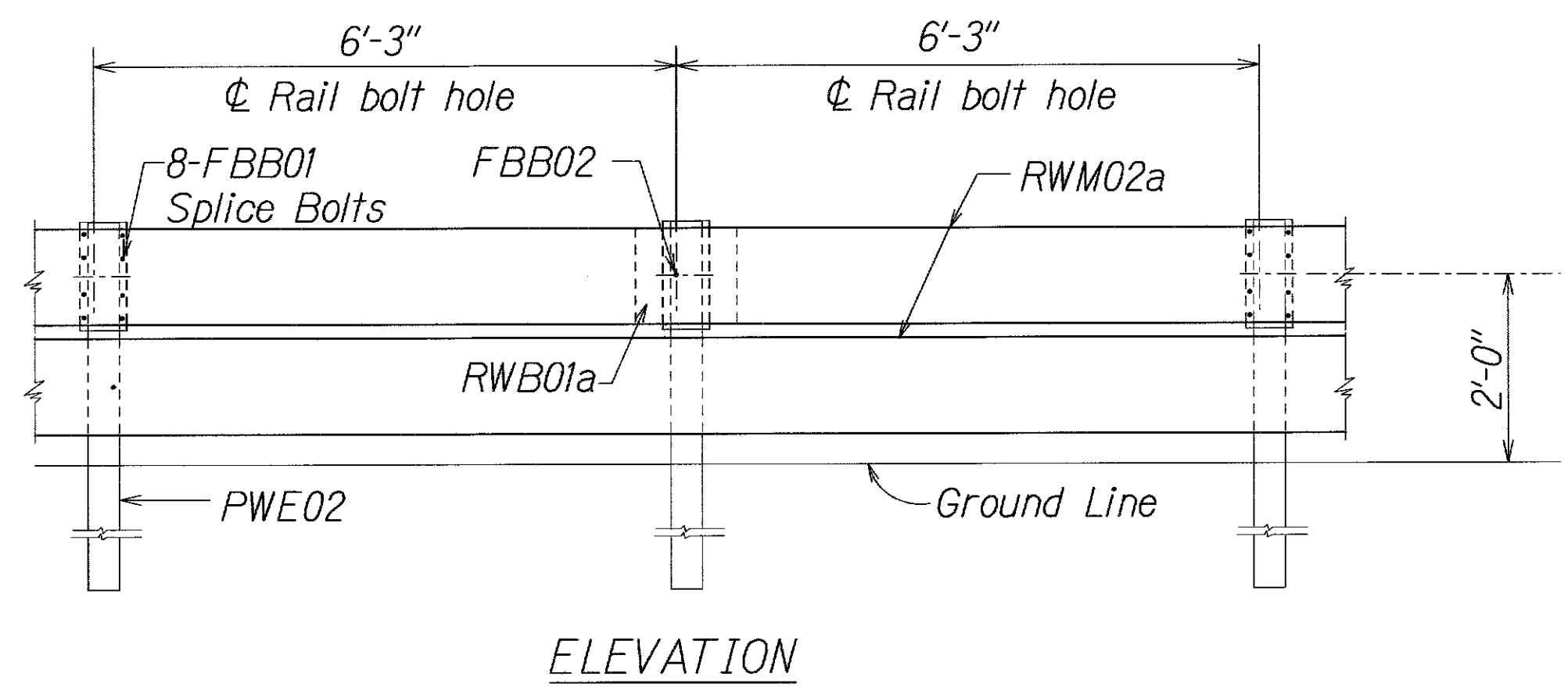
W-BEAM STRONG POST (PWE02)



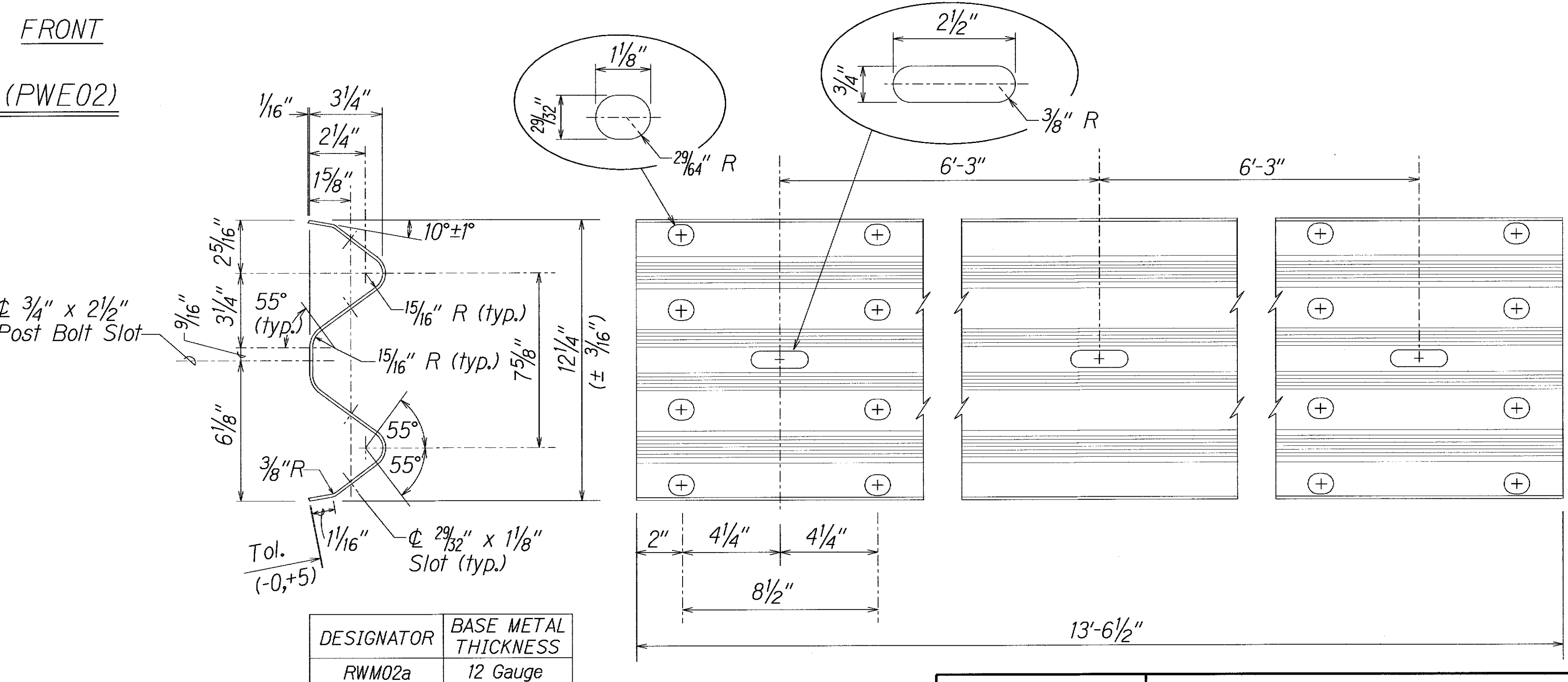
GUARDRAIL BOLTS AND RECESSED NUT



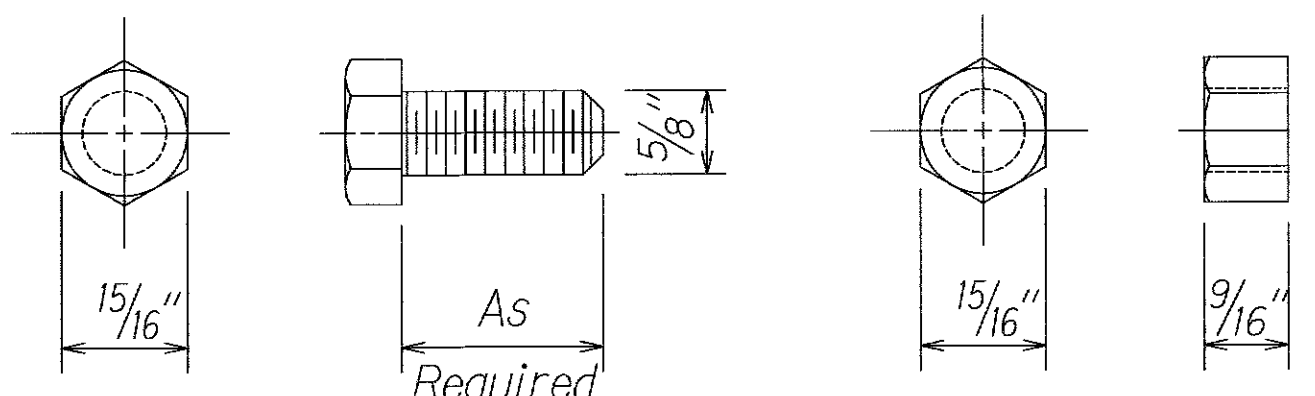
W-BEAM BACK-UP-PLATE (RWB01a)



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



2 SPACE W-BEAM GUARDRAIL (RWM02a)



HEX BOLT & NUT (FBX16a)

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

R. Urasany

9/26/04

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-01-04M

Scale: Scale: Date: Sept. 26, 2003

SHEET No. C-9 OF 12 SHEETS