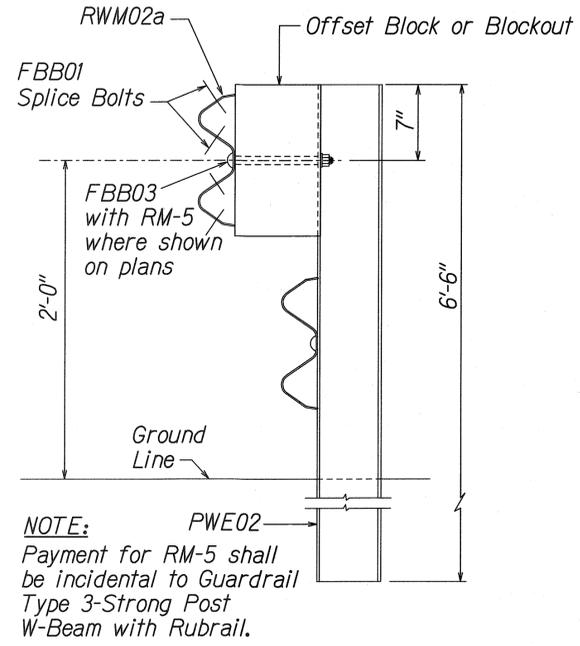
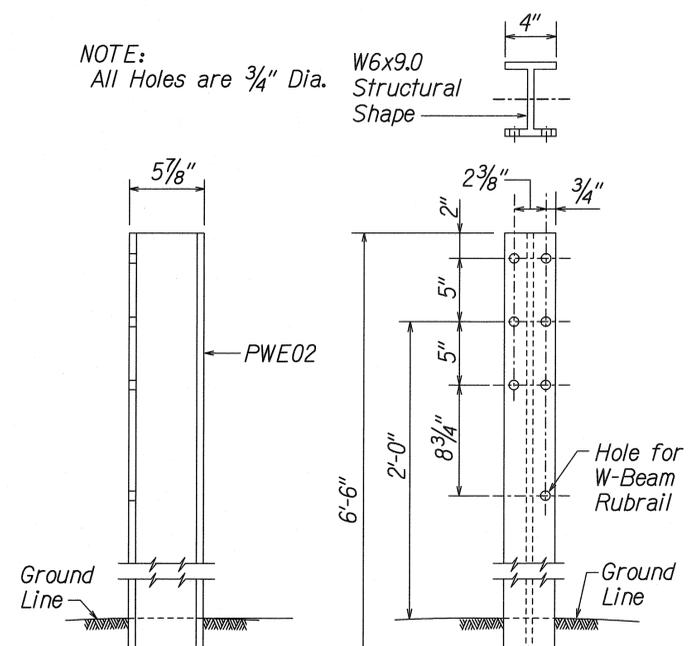


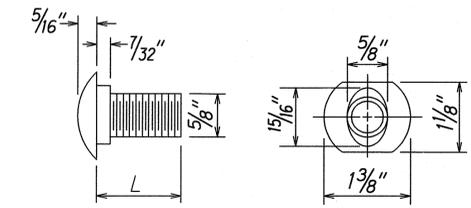
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61C-01-04#	2004	21	91



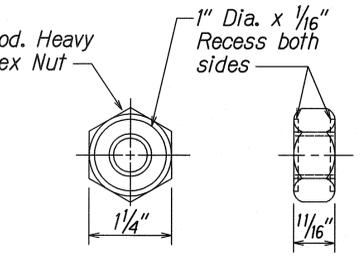
**ELEVATION**  
**STRONG POST RUBRAIL**  
**(W-BEAM) GUARDRAIL**



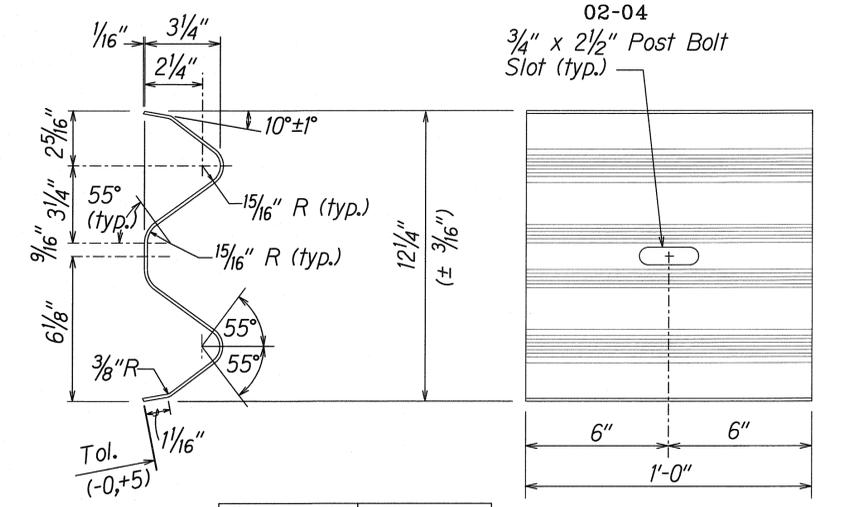
**SIDE**  
**FRONT**  
**W-BEAM STRONG POST (PWE02)**



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

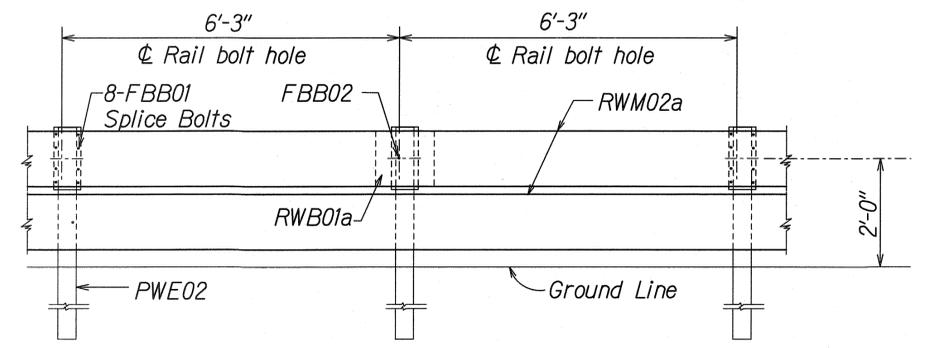


**GUARDRAIL BOLTS AND**  
**RECESSED NUT**

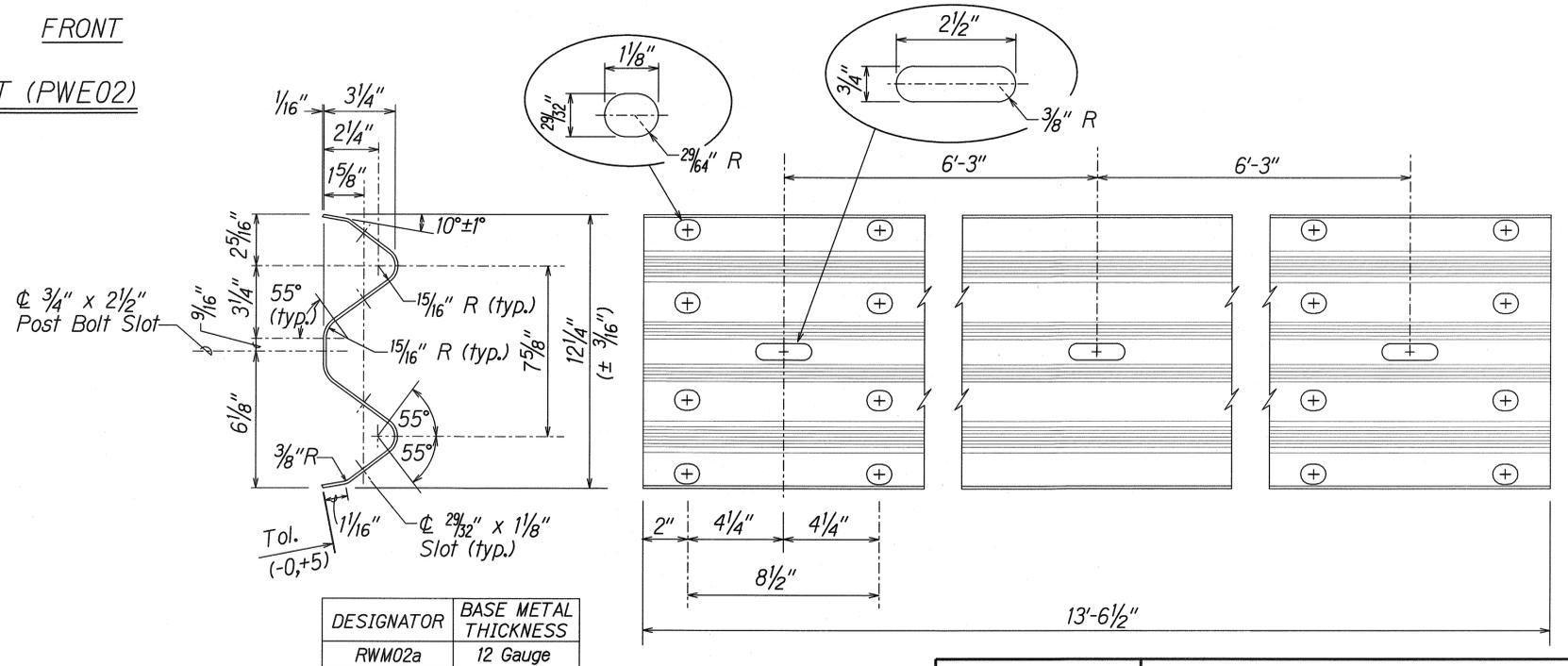


DESIGNATOR	BASE METAL THICKNESS
RWB01a	12 Gauge

**W-BEAM BACK-UP-PLATE (RWB01a)**



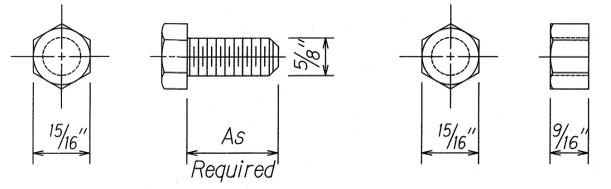
**ELEVATION**  
**STRONG POST RUBRAIL (W-BEAM) GUARDRAIL WITH**  
**RECYCLED OFFSET BLOCK OR PLASTIC BLOCKOUT**



DESIGNATOR	BASE METAL THICKNESS
RWM02a	12 Gauge

**2 SPACE W-BEAM GUARDRAIL (RWM02a)**

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	



**HEX BOLT & NUT (FBX16a)**

THIS WORK WAS PREPARED BY ME 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-01-04# 02-04  
Scale: Scale: Date: Sept. 26, 2003

"AS-BUILT"