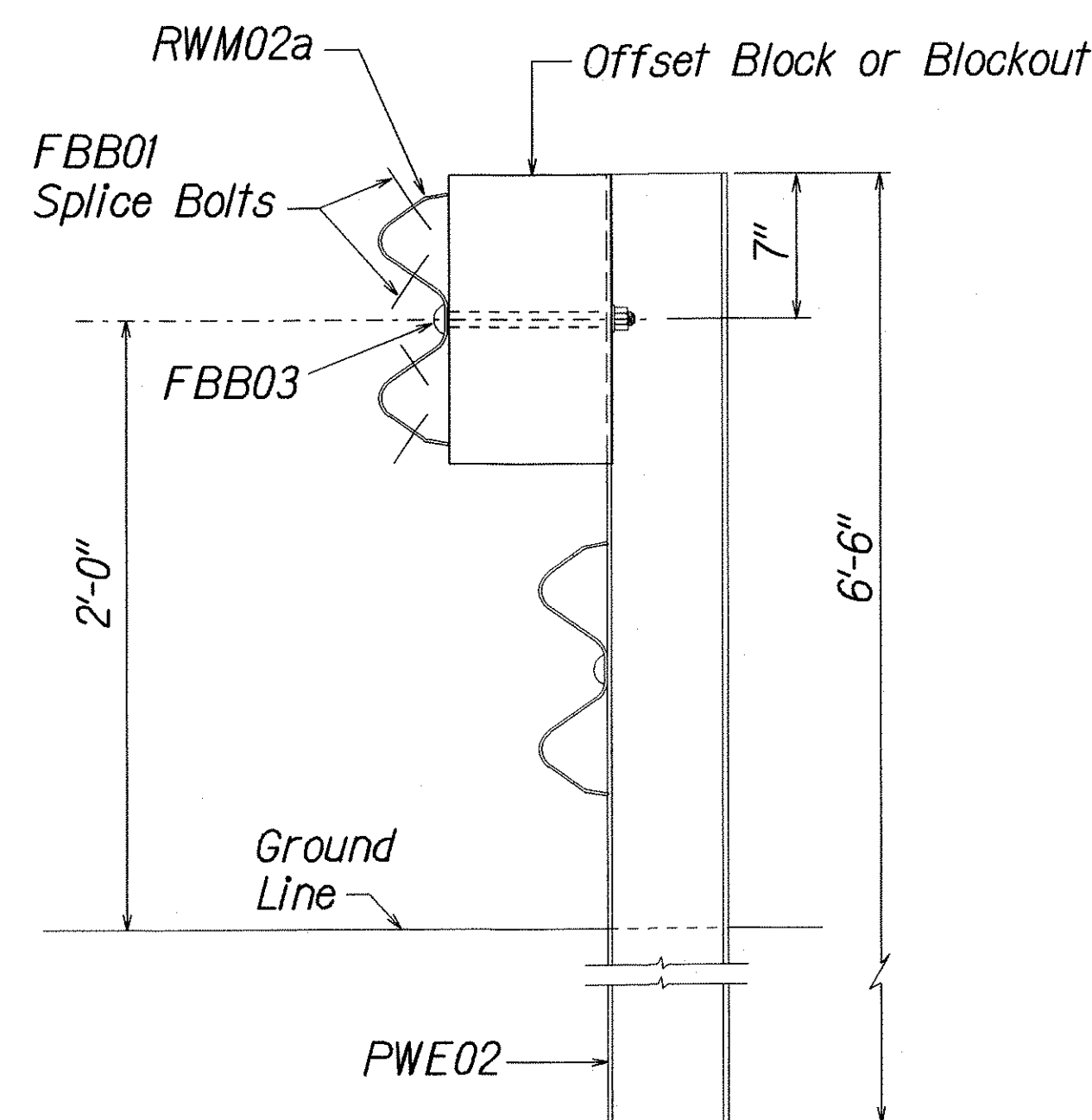
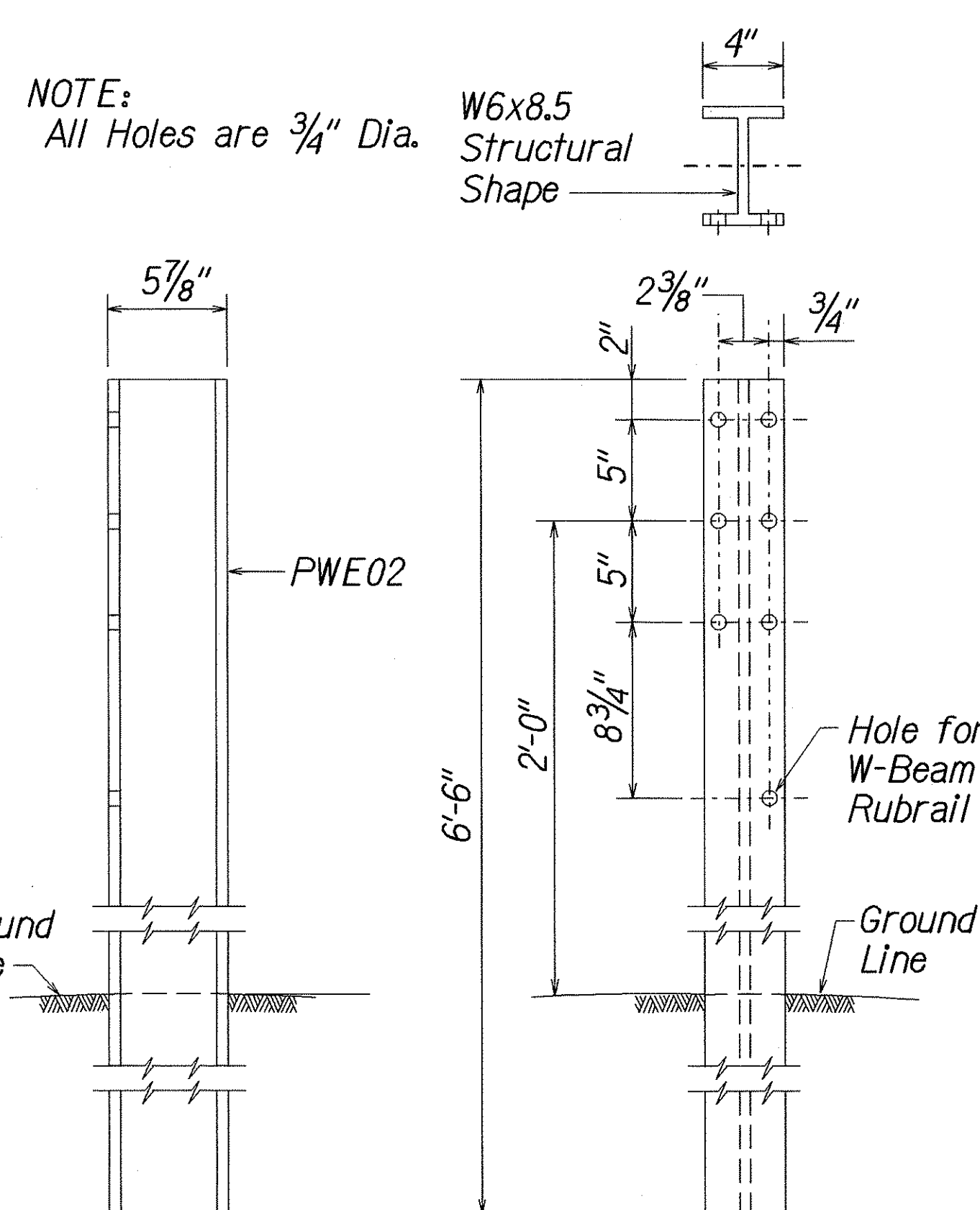


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(25)	2003	22	30



ELEVATION

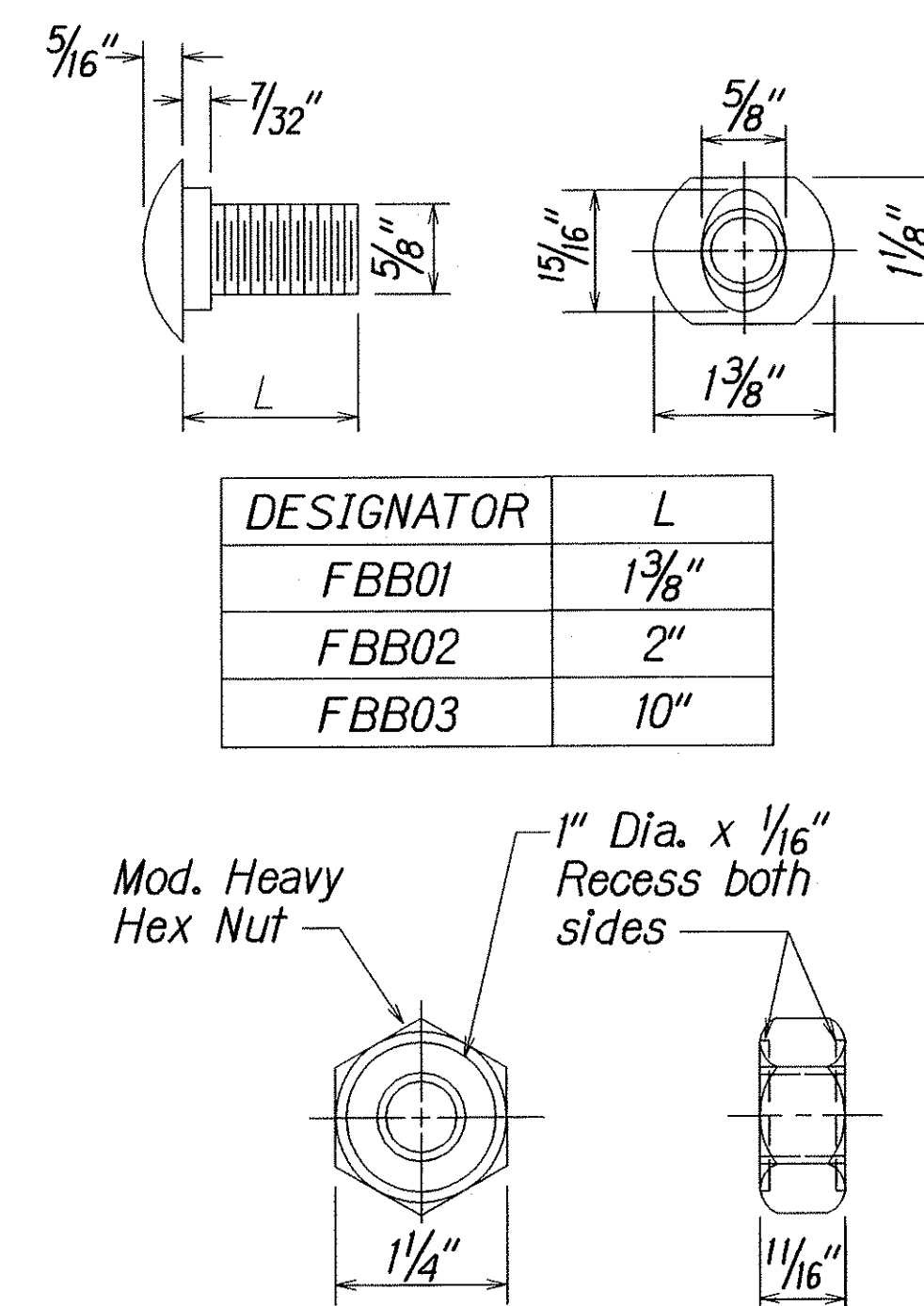
**STRONG POST RUBRAIL
(W-BEAM) GUARDRAIL**



SIDE

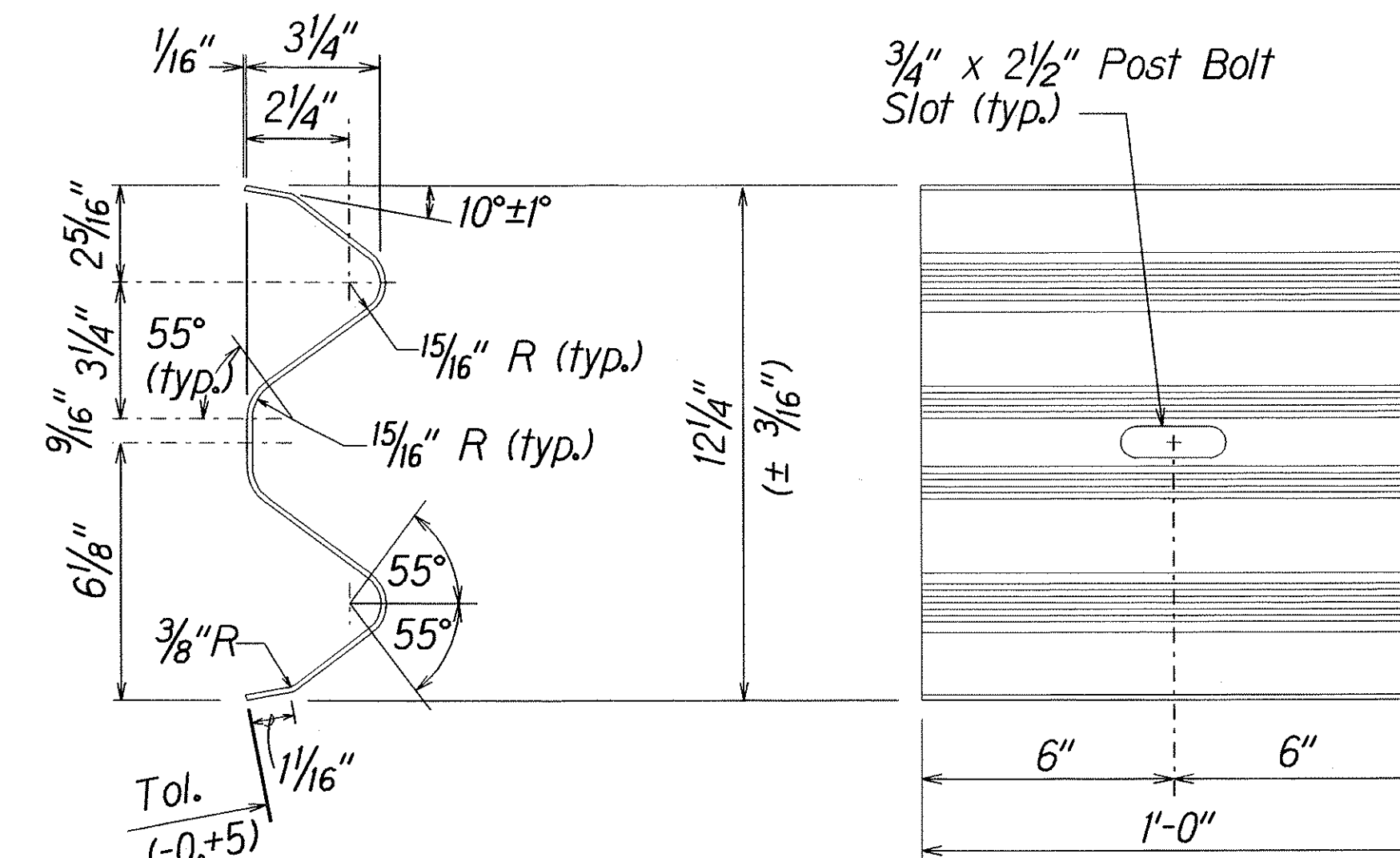
FRONT

W-BEAM STRONG POST (PWE02)



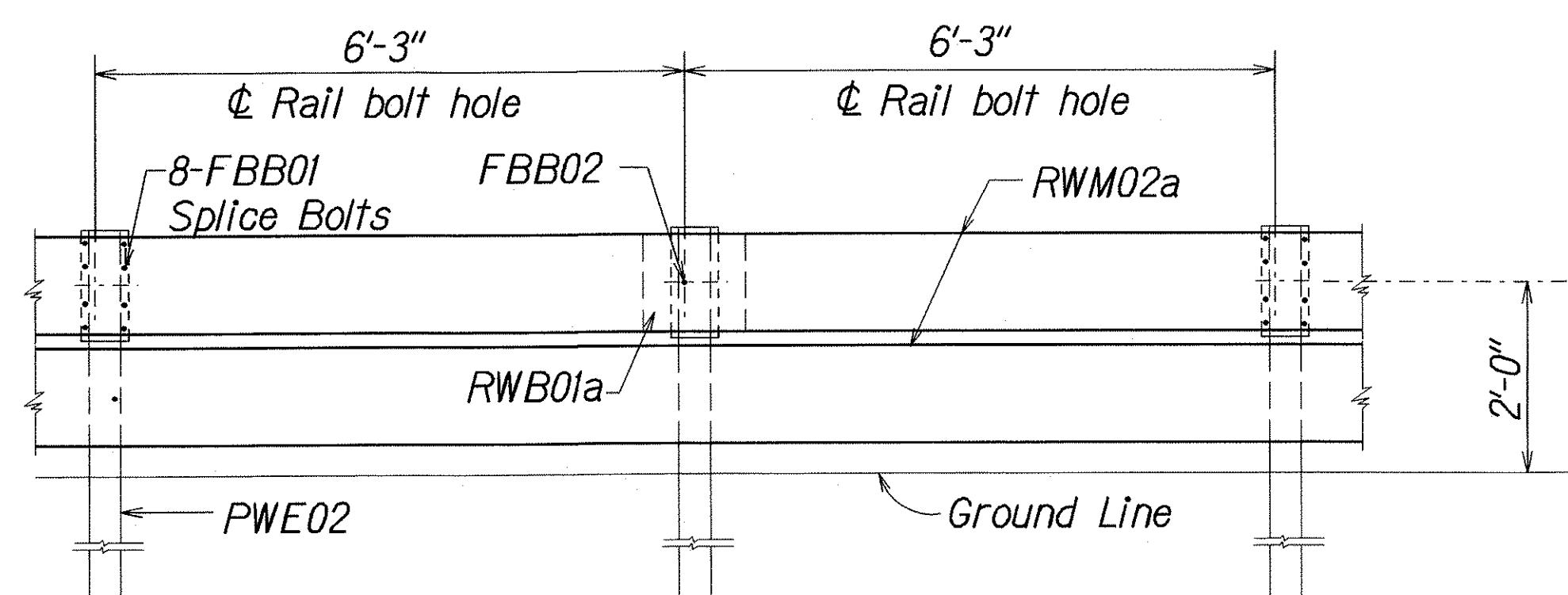
DESIGNATOR	L
FBB01	1 3/8"
FBB02	2"
FBB03	10"

**GUARDRAIL BOLTS AND
RECESSED NUT**



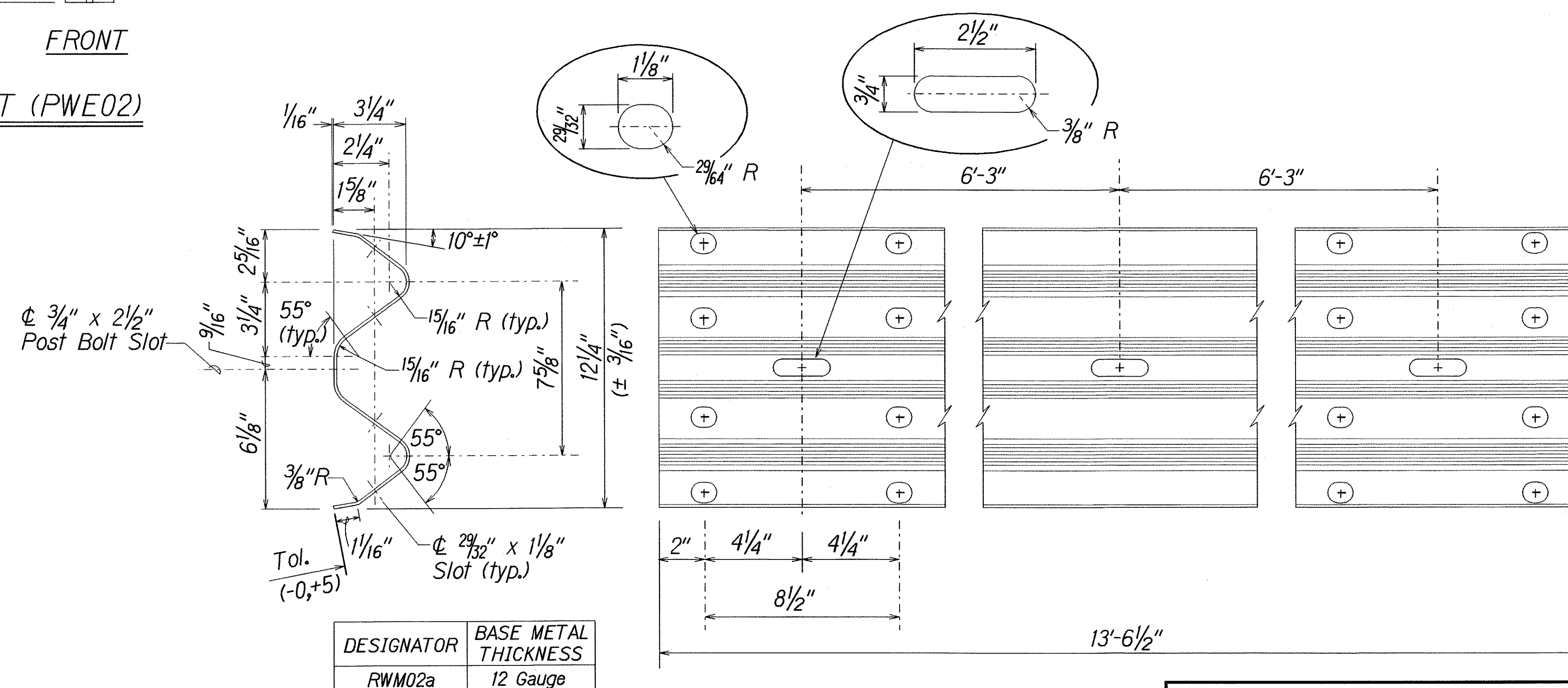
DESIGNATOR	BASE METAL THICKNESS
RWB01a	12 Gauge

W-BEAM BACK-UP-PLATE (RWB01a)



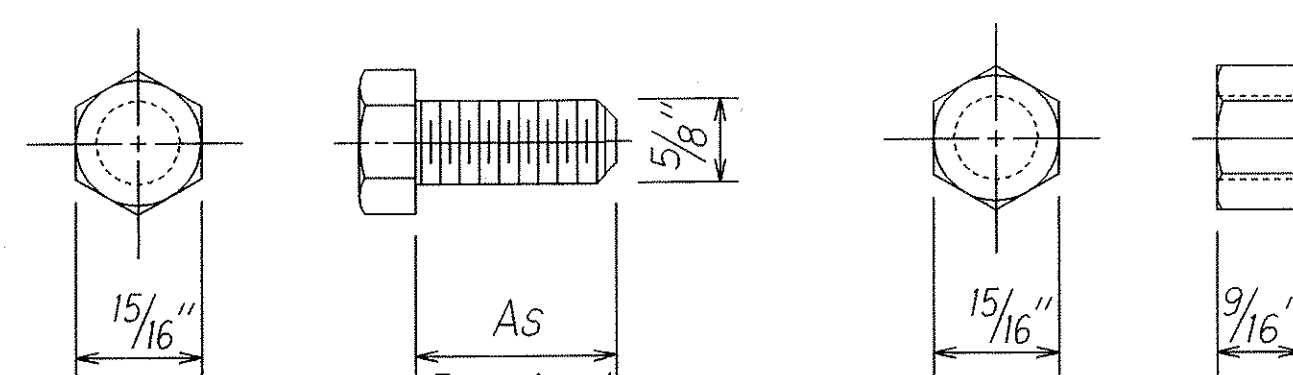
ELEVATION

**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)



HEX BOLT & NUT (FBX16a)

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

STRONG POST RUBRAIL (W-BEAM RAIL)

KAUMUALII HIGHWAY

Guardrail and Shoulder Improvements

Hanapepe to Mana

Fed. Aid Project No. STP-050-1(25)

Scale: NTS

Date: June 2002

SHEET No. 1 OF 1 SHEETS