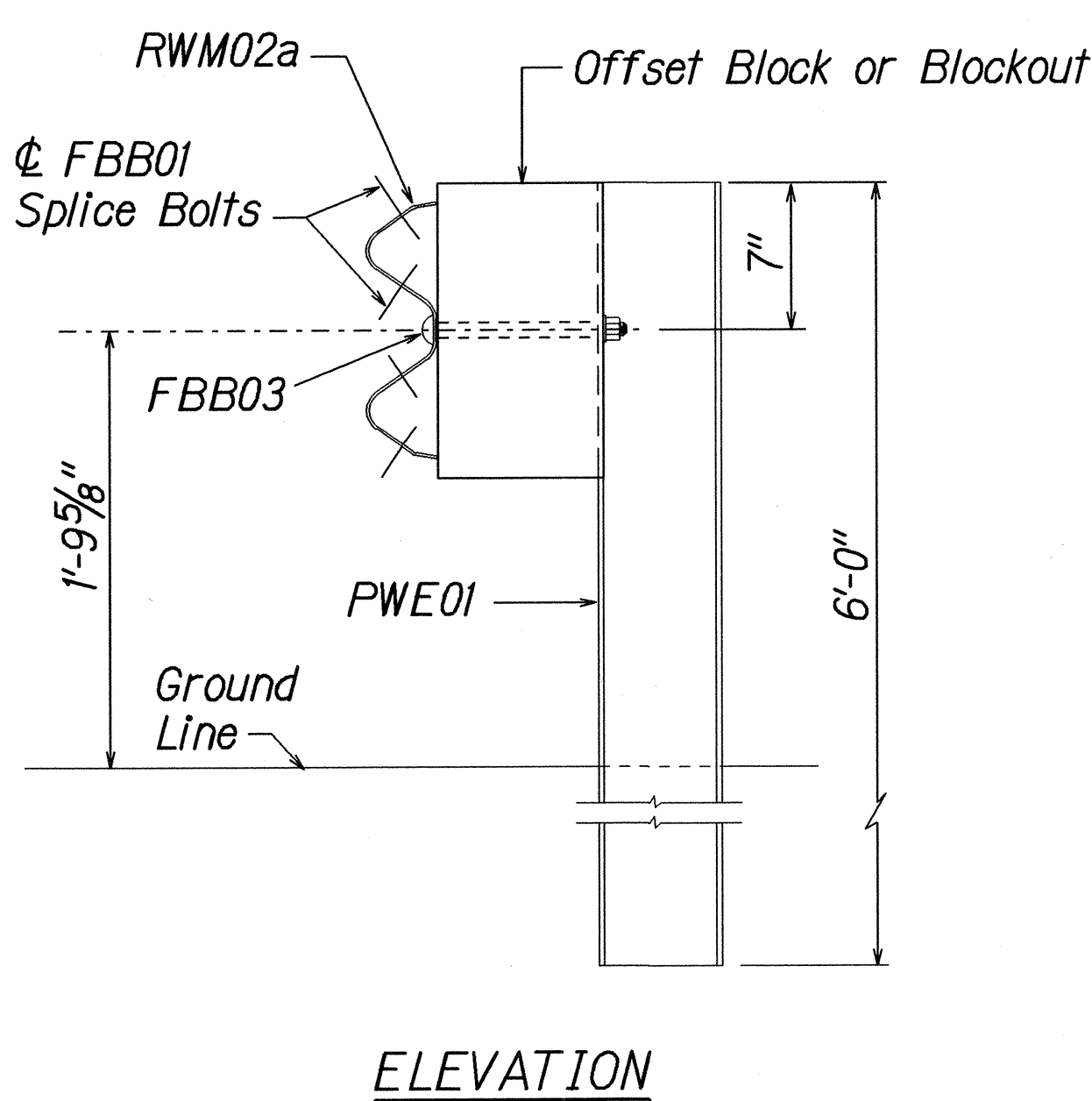
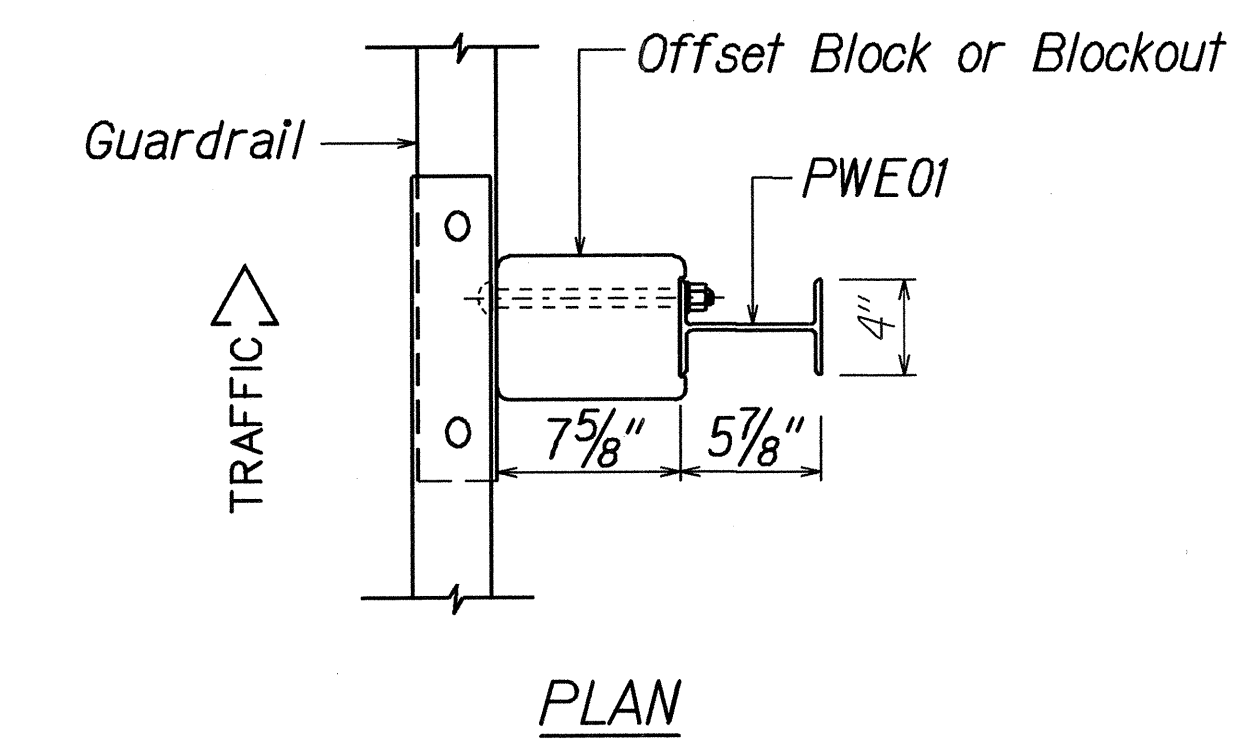
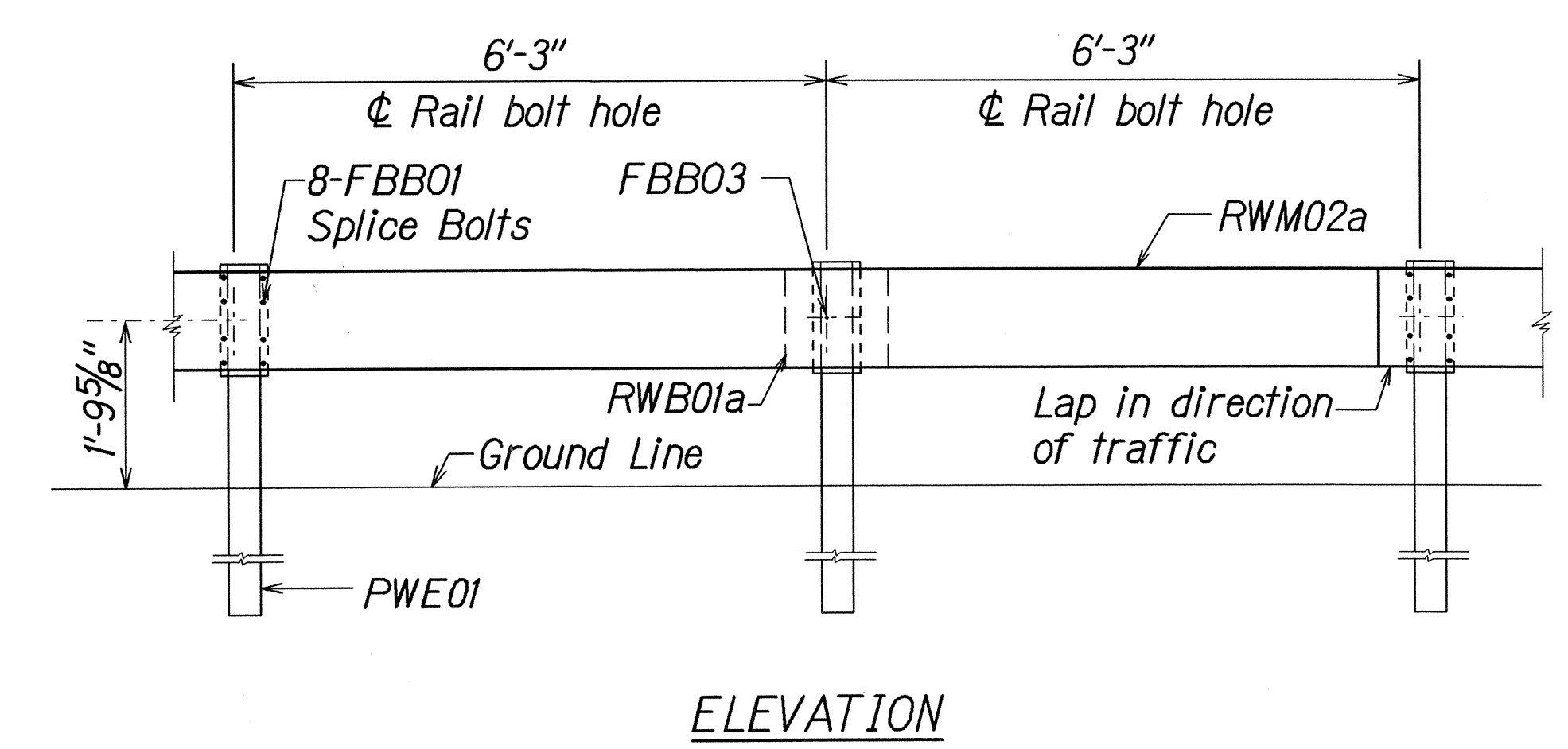


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-K(27)	2005	20	27

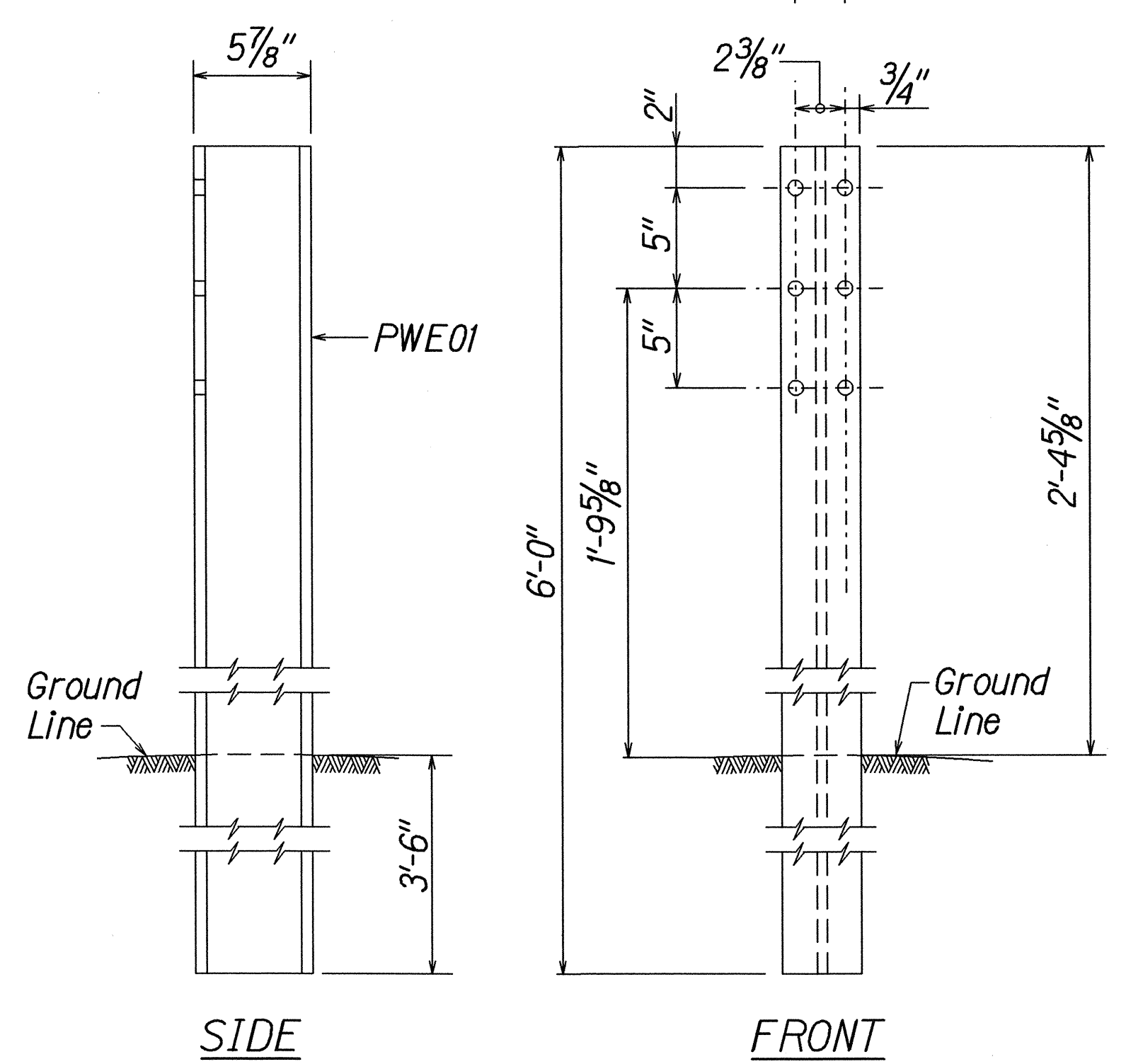


STRONG POST W-BEAM GUARDRAIL
(SGR04a)

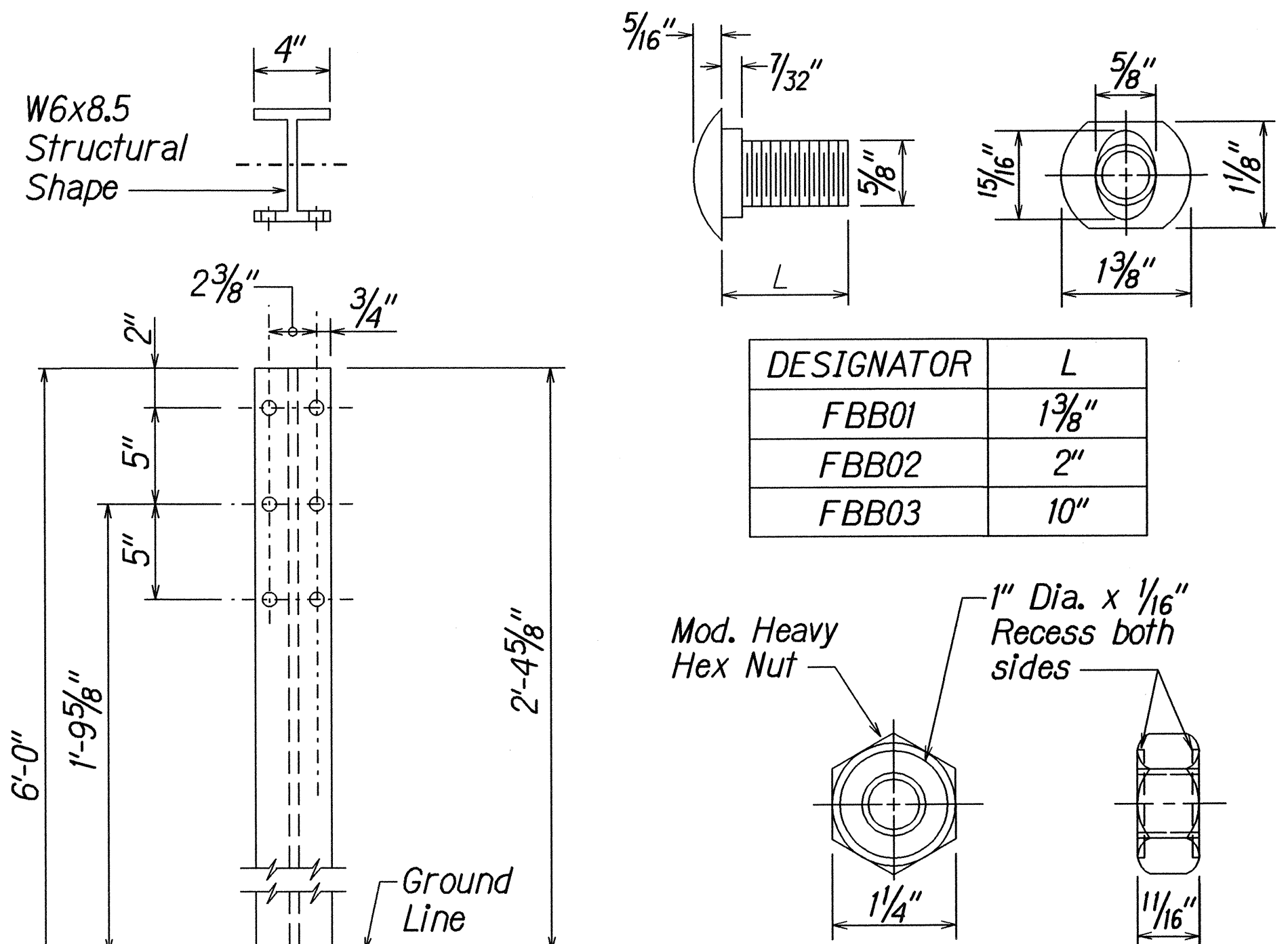


STRONG POST W-BEAM GUARDRAIL WITH
RECYCLED OFFSET BLOCK OR PLASTIC BLOCKOUT

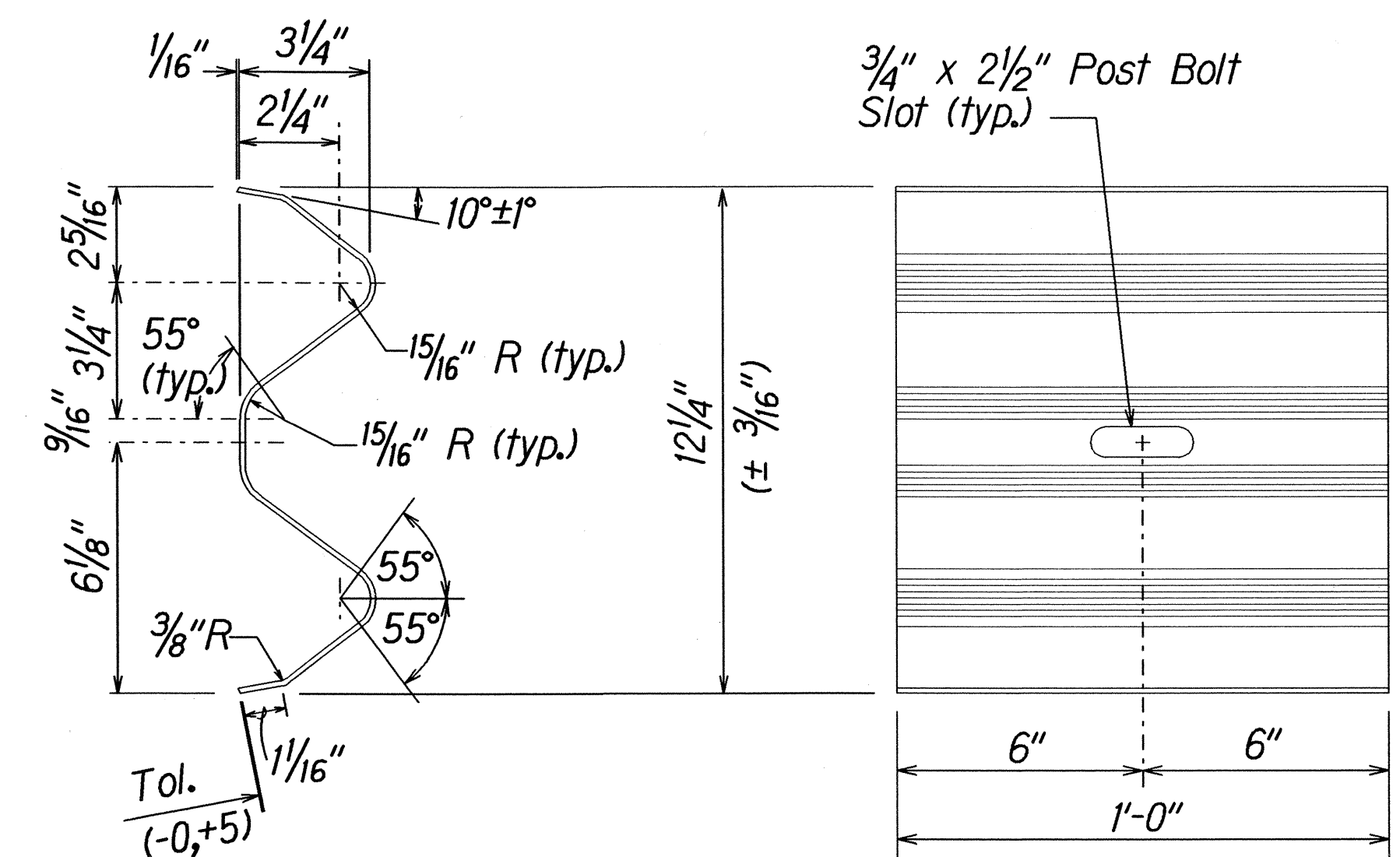
NOTE:
All Holes are
3/4" Dia.



W-BEAM STRONG POST (PWE01)

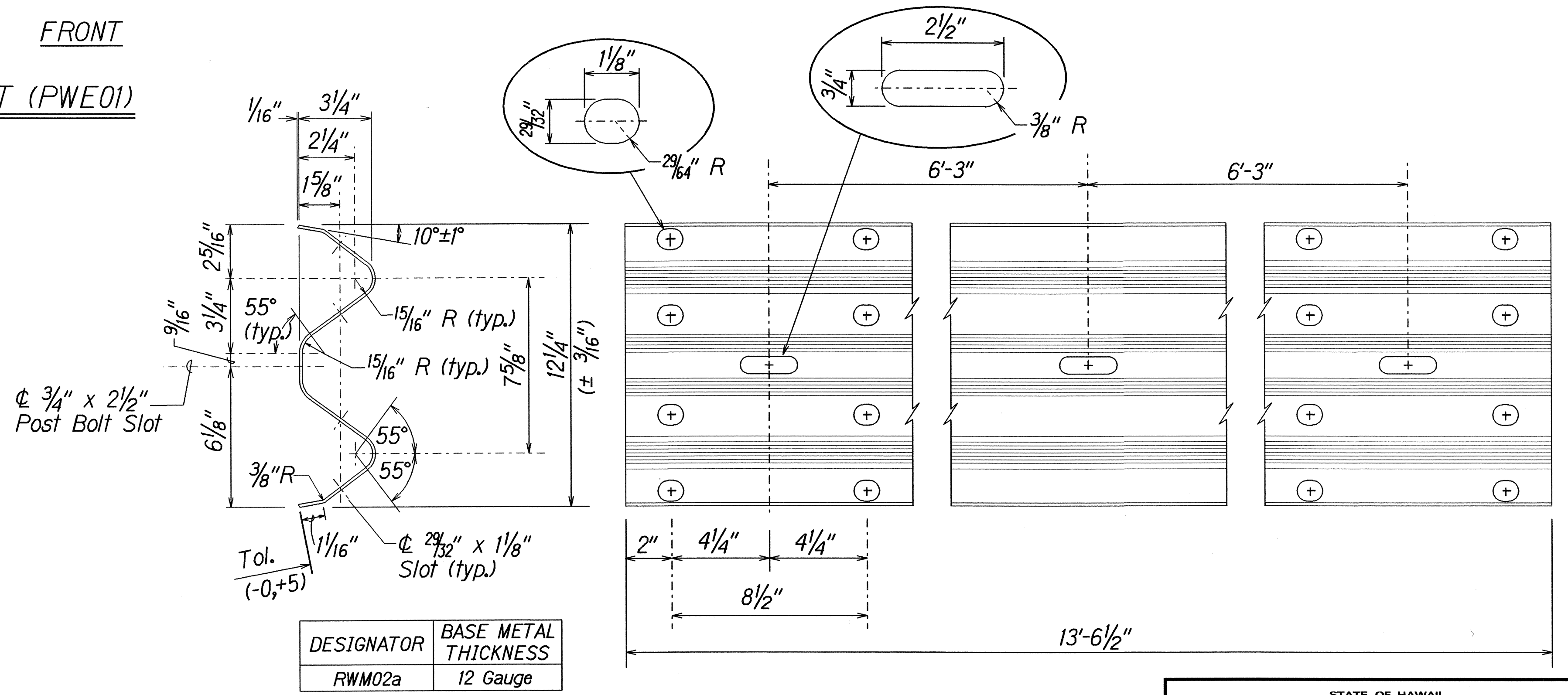


GUARDRAIL BOLTS AND
RECESSED NUT



DESIGNATOR	BASE METAL THICKNESS
RWB01a	12 Gauge

W-BEAM BACK-UP-PLATE (RWB01a)



2 SPACE W-BEAM GUARDRAIL (RWM02a)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRONG POST W-BEAM GUARDRAIL

KAUMUALII HIGHWAY

Guardrail and Shoulder Improvements at

Hanapepe Bridge and

Mana Bridge Structure Nos. 1, 2, 3 & 4

Federal Aid Project No. STP-050-K(27)

Scale: NTS Date: Nov. 2004

SURVEY PLOTTED BY	DATE
DRAWN BY	6/04
DESIGNED BY	
CHECKED BY	
NOTED BY	
STANDARD PLAN	

101-rubj/guardrail/wbeams.dgn (standard plan TE-50-r03/06/87)