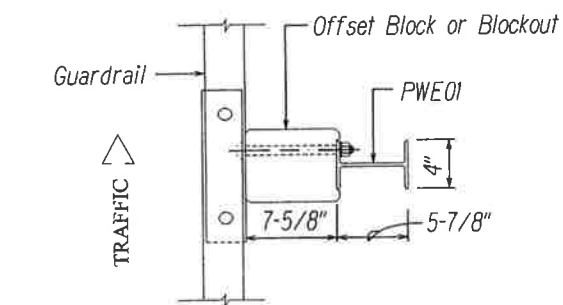
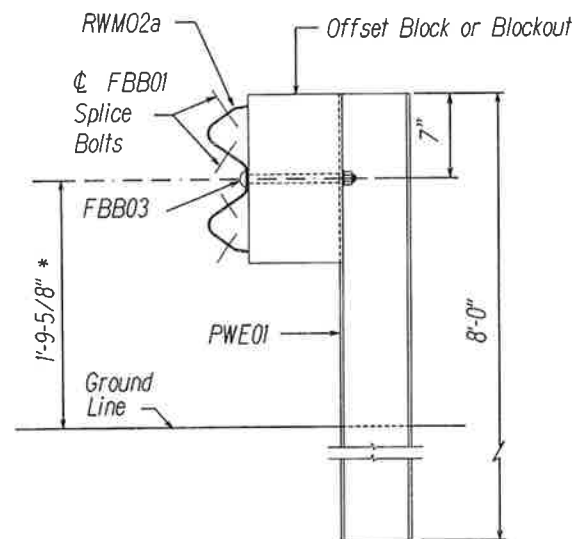


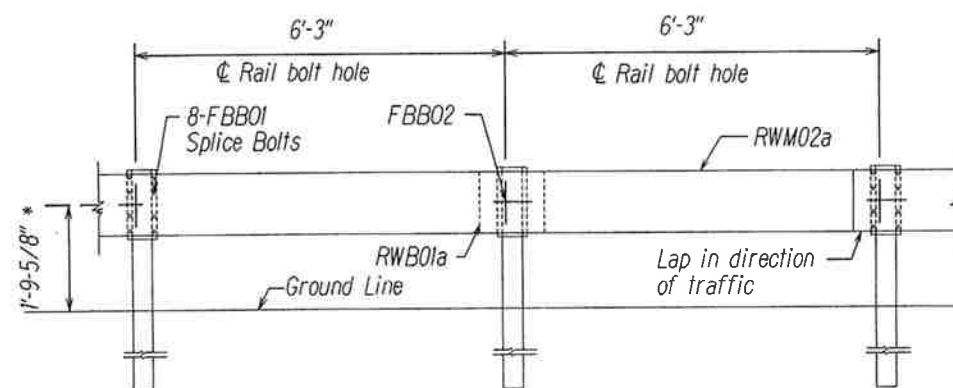


PLAN



ELEVATION

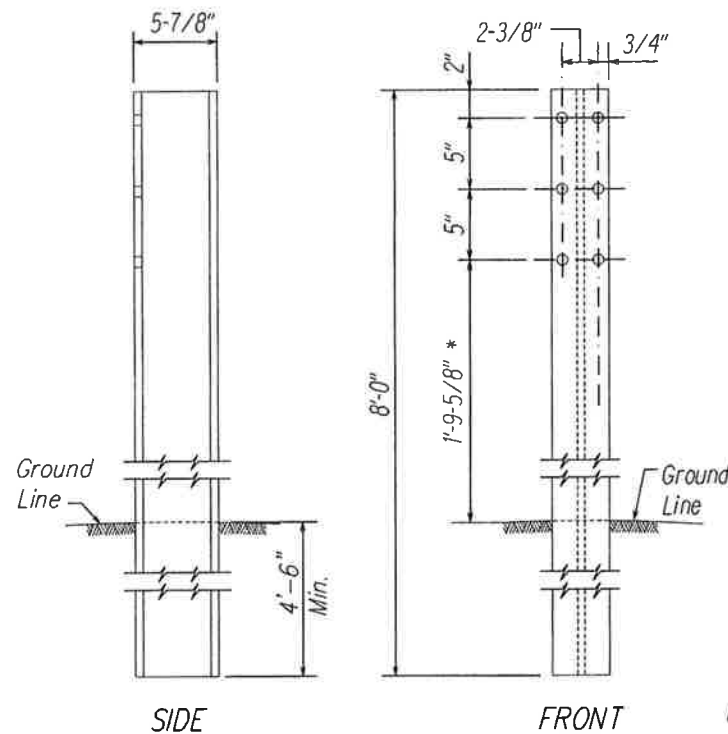
STRONG POST W-BEAM GUARDRAIL * Or As Directed By The Engineer.



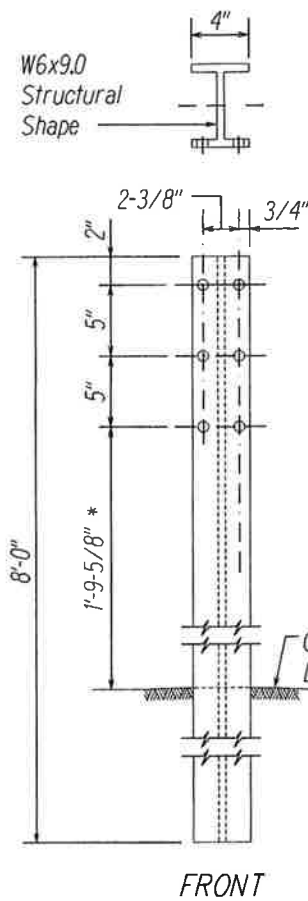
ELEVATION

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

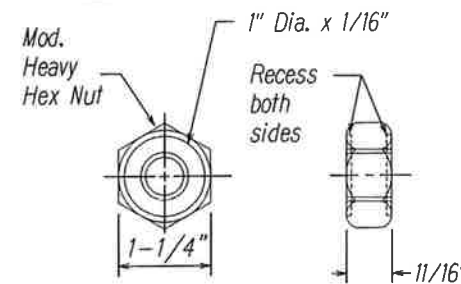
NOTE:
All Holes are
3/4" Dia.



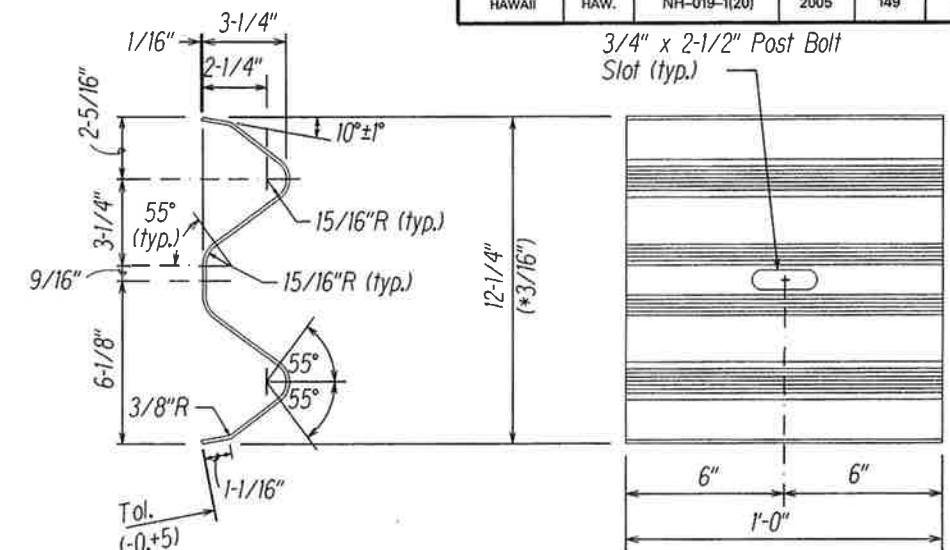
W-BEAM STRONG POST



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

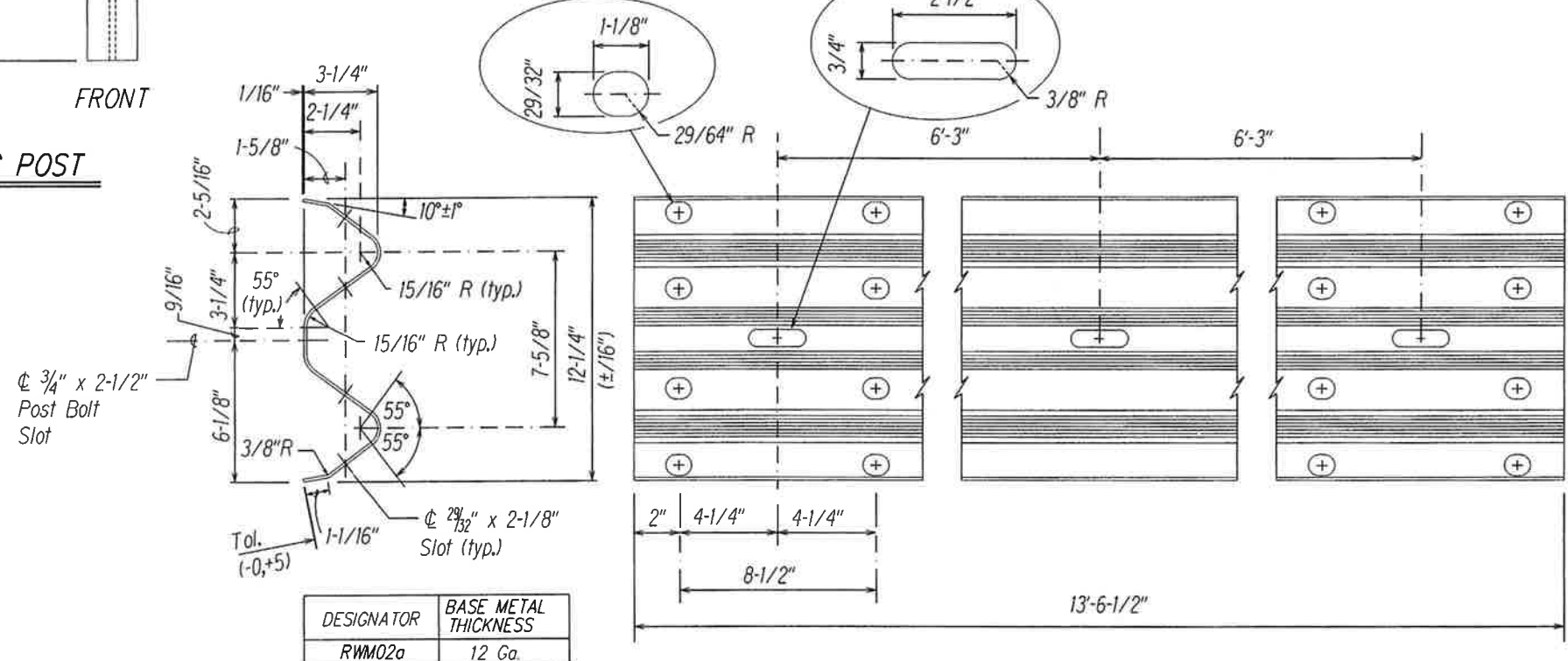


GUARDRAIL BOLTS AND RECESSED NUT



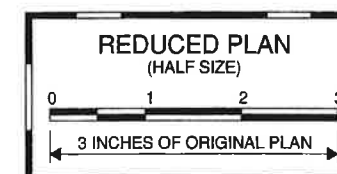
DESIGNATOR	BASE METAL THICKNESS
RWB01a	12 Ga.

W-BEAM BACK-UP-PLATE (RWB01a)



DESIGNATOR	BASE METAL THICKNESS
RWM02a	12 Ga.

2 SPACE W-BEAM GUARDRAIL (RWM02a)



This work was prepared by me
or under my supervision.
Neal S. Fukumoto
Wesley R. England & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRONG POST W-BEAM GUARDRAIL

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)

Scale: As Shown Date: November 2009

SHEET No. 1 OF 1 SHEETS