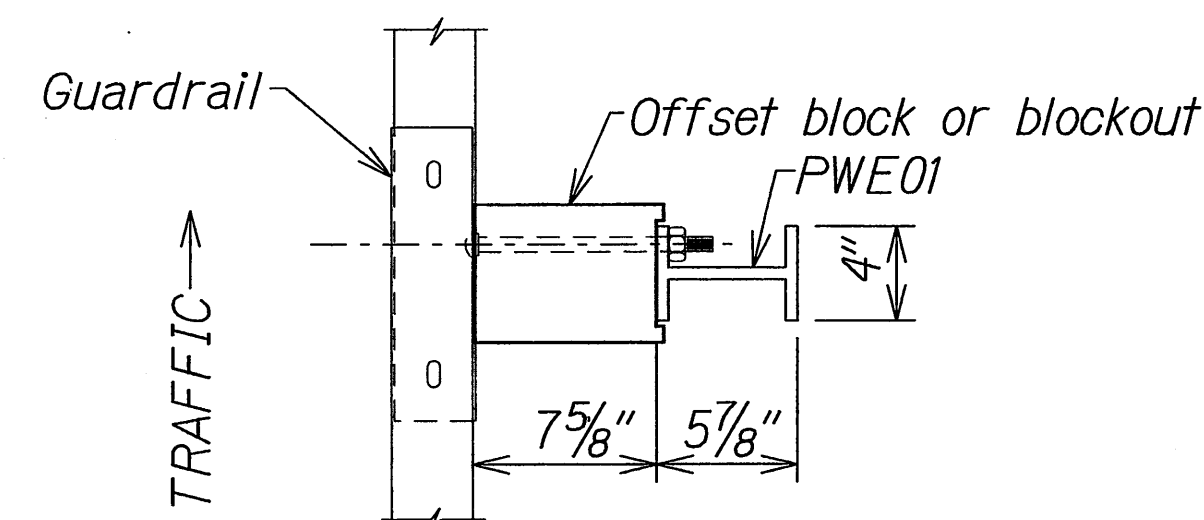
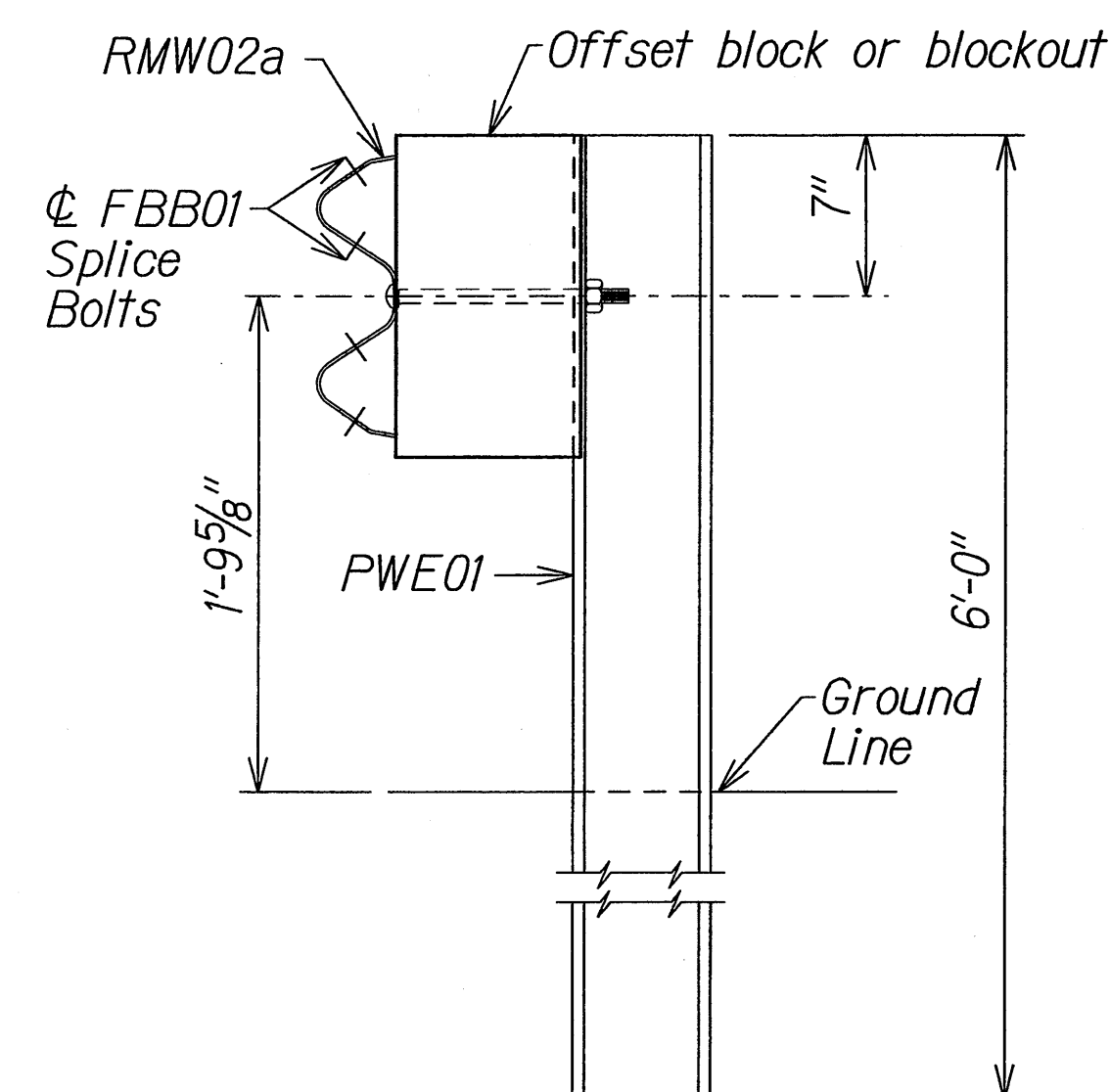


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H3-1(79)	2010	10	37



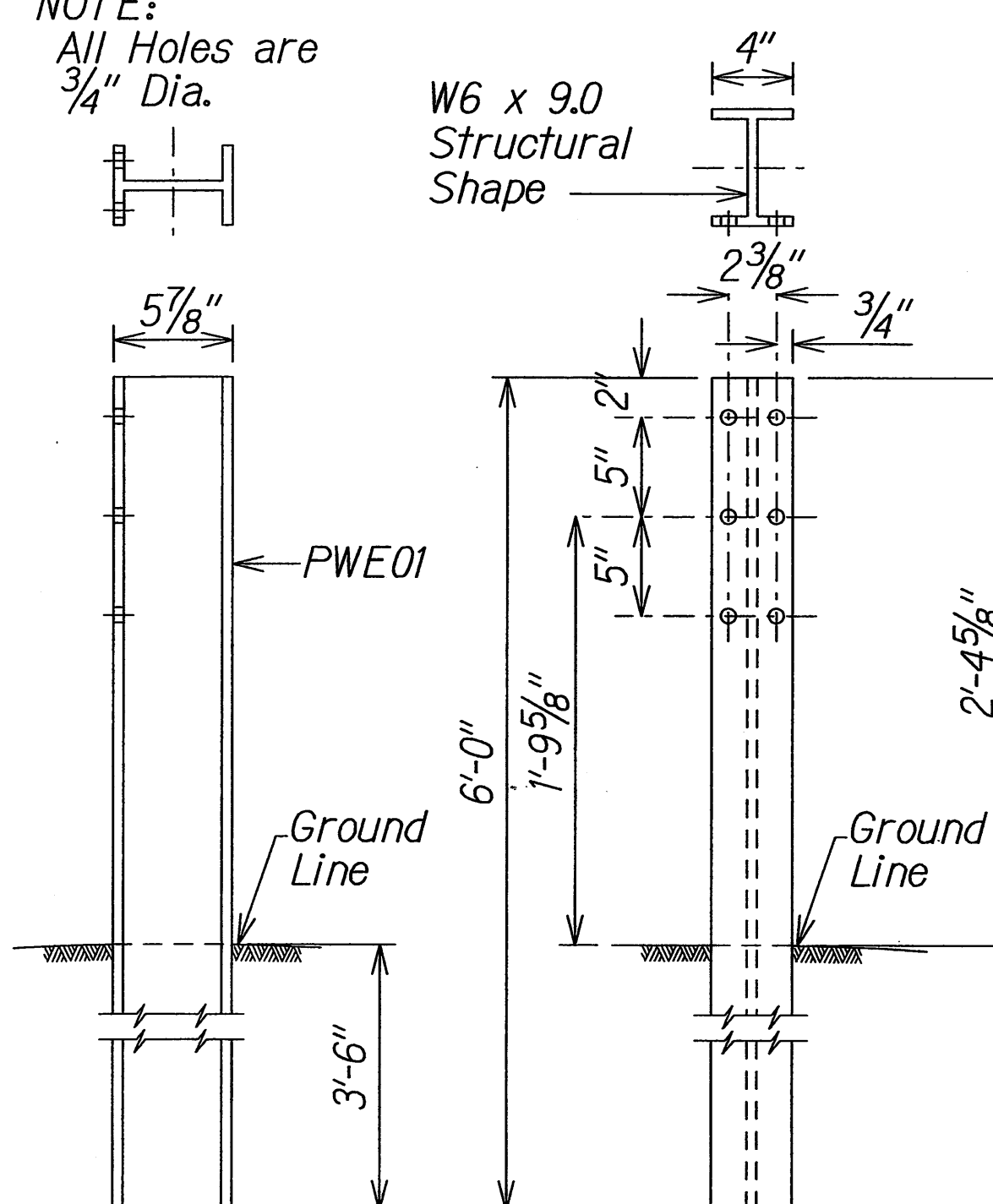
PLAN



ELEVATION

1 STRONG POST W-BEAM GUARDRAIL (SGR04a)
Scale: N.T.S.

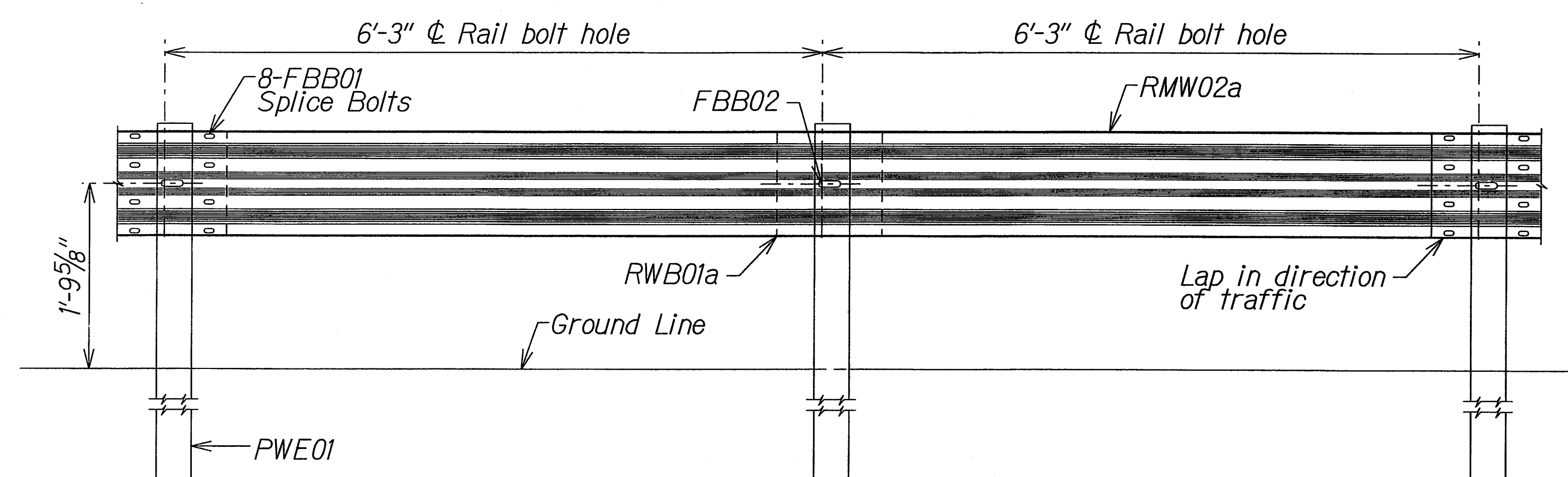
NOTE:
All Holes are
3/4" Dia.



SIDE

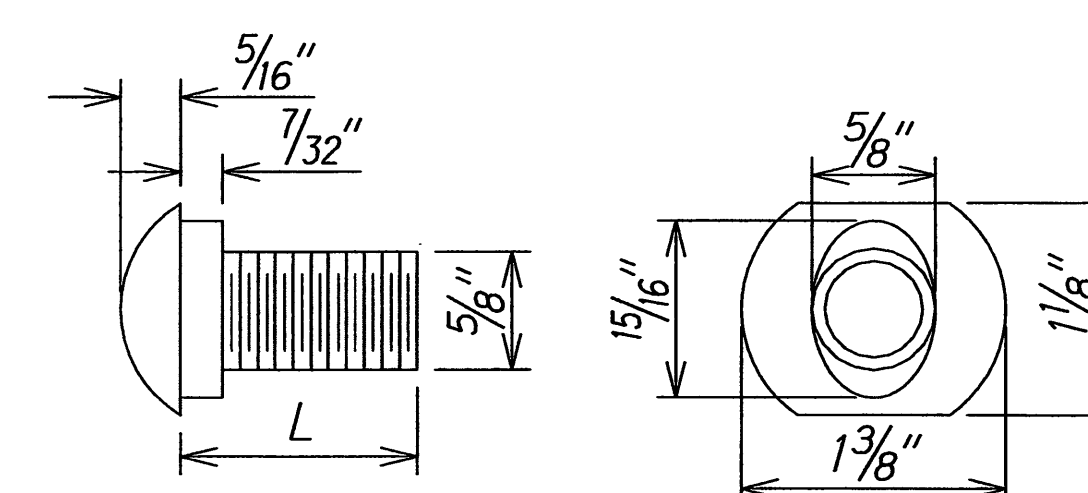
FRONT

2 W-BEAM STRONG POST (PWE01)
Scale: N.T.S.



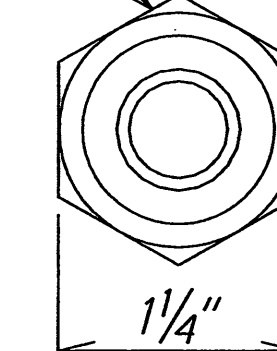
ELEVATION

5 STRONG POST W-BEAM GUARDRAIL WITH RECYCLED OFFSET BLOCK OR PLASTIC BLOCKOUT
Scale: N.T.S.

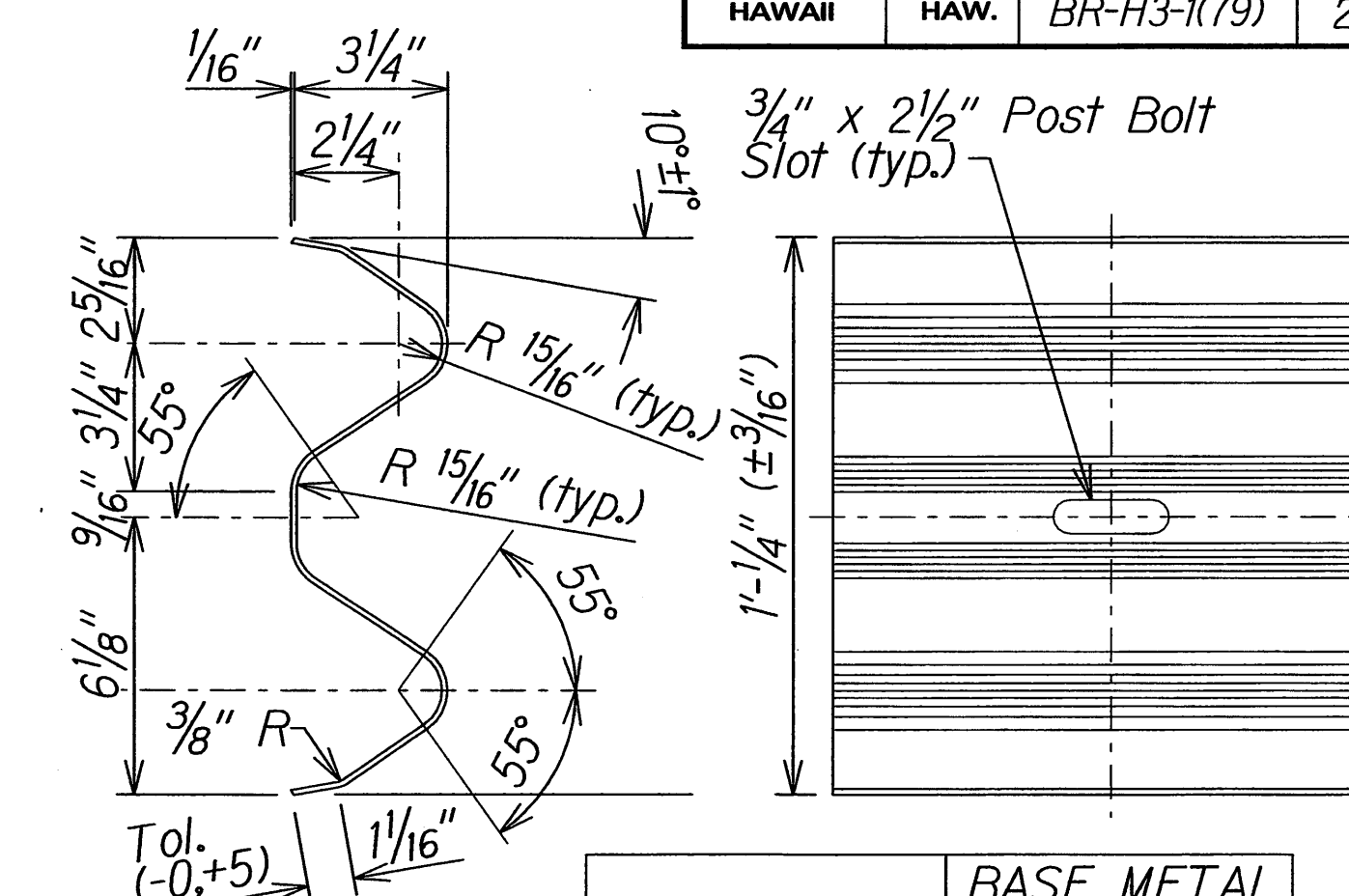
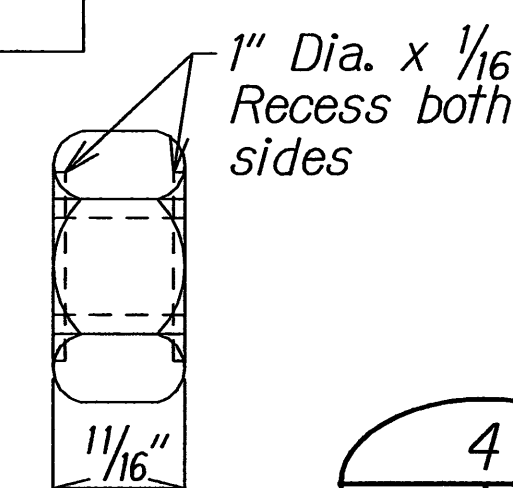


DESIGNATOR	L
FBB01	1 3/8"
FBB02	2"
FBB03	10"

Mod. Heavy Hex Nut

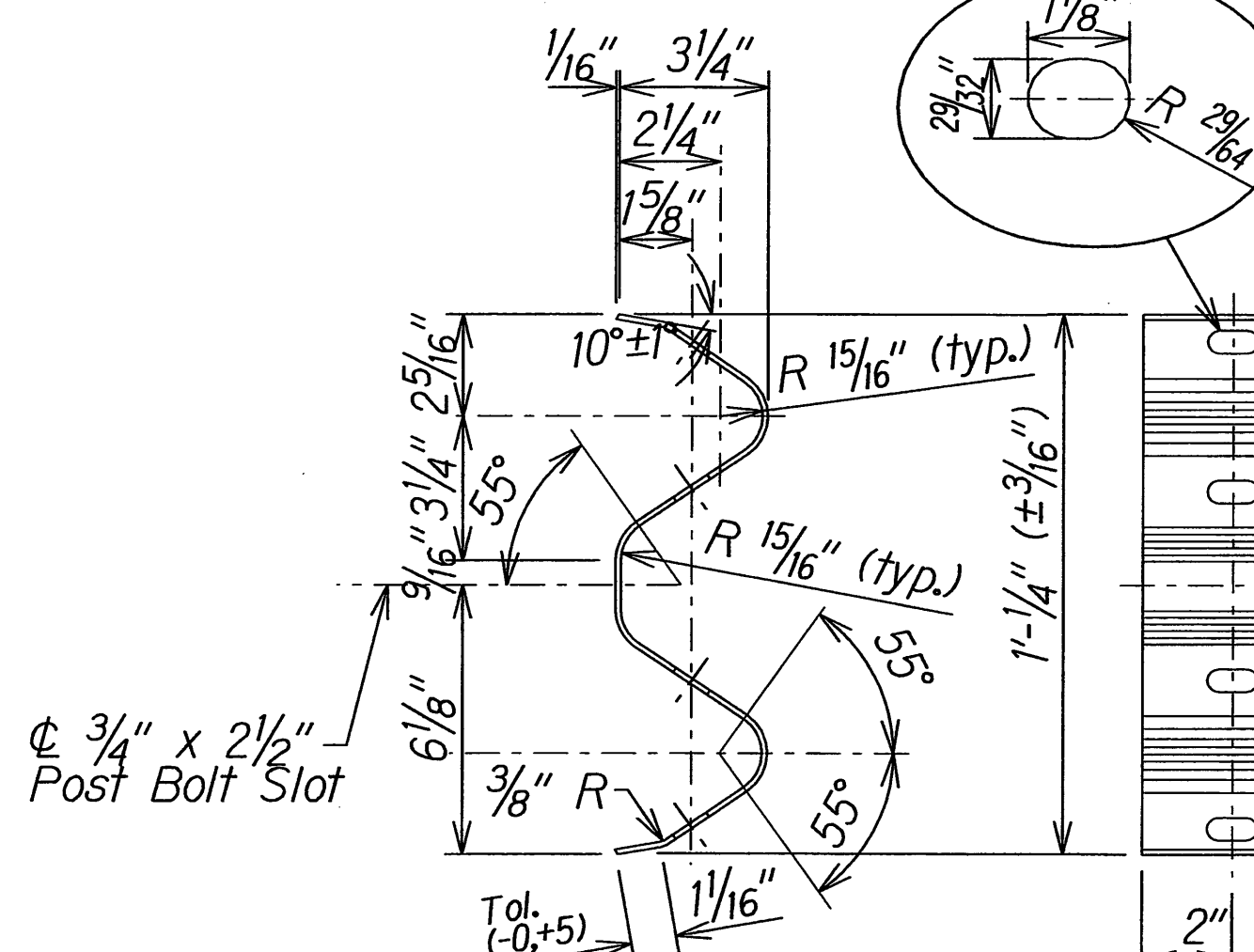
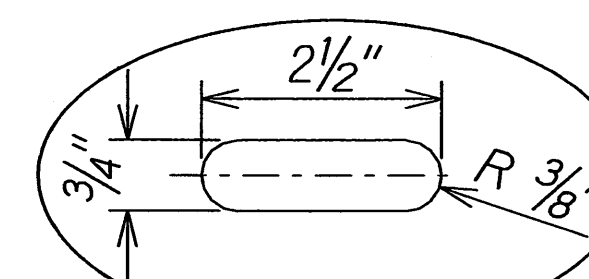
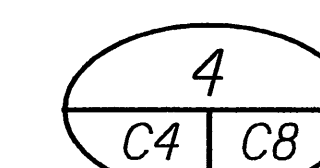


GUARDRAIL BOLTS AND RECESSED NUT
Scale: N.T.S.

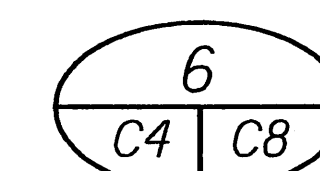


DESIGNATOR	BASE METAL THICKNESS
RWB01a	12 Gauge

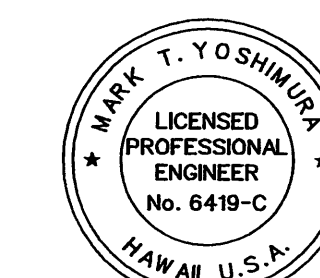
W-BEAM BACK-UP-PLATE (RWB01a)
Scale: N.T.S.



DESIGNATOR	BASE METAL THICKNESS
RWB02a	12 Gauge



2 SPACE W-BEAM GUARDRAIL (RWB02a)
Scale: N.T.S.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Mark T. Yoshimura
EXP. DATE: APRIL 2010

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRONG POST W-BEAM GUARDRAIL

Interstate Route H-3
Seismic Retrofit of Mokapu Interchange
FEDERAL AID PROJECT NO. BR-H3-1(79)
Scale: N.T.S. Date: April, 2008

SHEET No. C8 OF 11 SHEETS