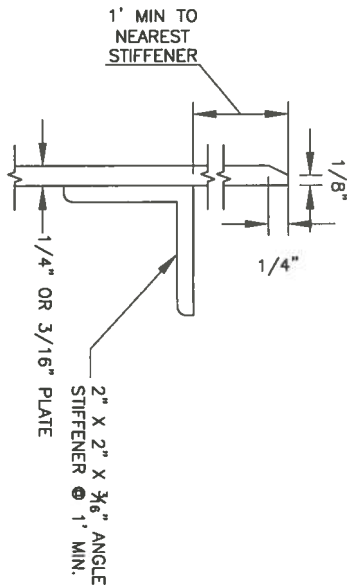
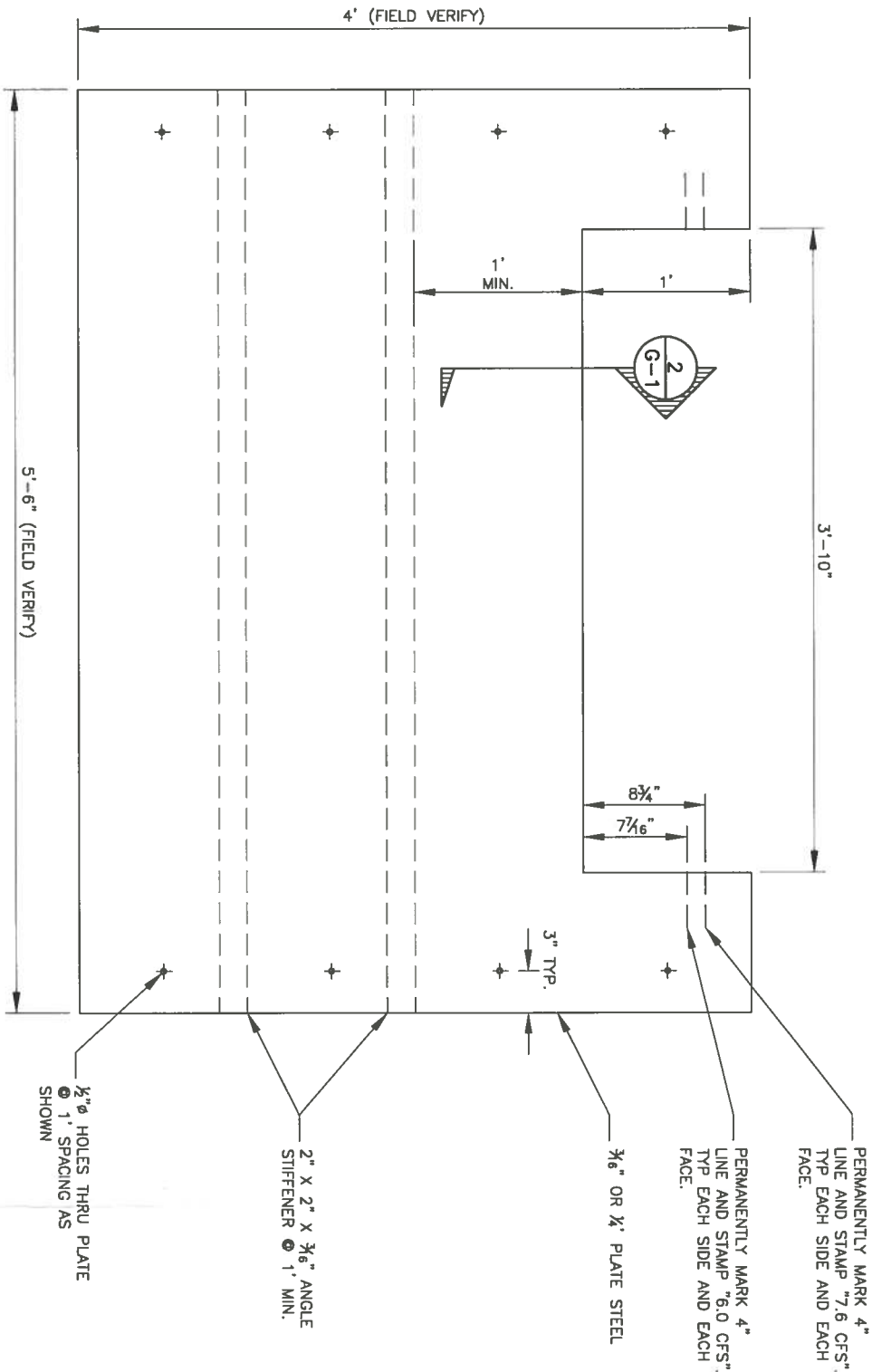


Oct. 2011



WEIR PLATE
DETAIL
SCALE: NTS



WEIR PLATE
DETAIL
SCALE: 2" = 1'-0"



Sharp Crested Rectangular Weir

$Q = 3.33H^{3/2}(L-0.2H)$

Length (L)	H	H	Q
(in)	(ft)	(ft)	(cfs)
1	0.08	0.31	
2	0.17	0.86	
3	0.25	1.57	
4	0.33	2.41	
5	0.42	3.36	
6	0.50	4.40	
7	0.58	5.51	
7.41	0.62	6.00	
8	0.67	6.71	
8.71	0.73	7.60	
9	0.75	7.97	
10	0.83	9.29	
11	0.92	10.67	
12	1.00	12.10	

7-13/32"

8-23/32"

REVISIONS		DATE	REV
		JUL 2011	LTR
		MDJ	
		TSS	
		TSS	
		TSS	

LEMHI HYDROELECTRIC PROJECT	
WEIR PLATE MISCELLANEOUS SECTIONS & DETAILS	

LEMHI HYDRO LLC	
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SORENSEN ENGINEERING CONSULTING ENGINEERS	
IDAHO FALLS, IDAHO	

THIS DRAWING SHEET HAS
BEEN REDUCED TO ONE-HALF
SIZE--REDUCE SCALES
ACCORDINGLY

DRAWING NO.	NOTED
SHEET NO.	G-1