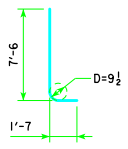
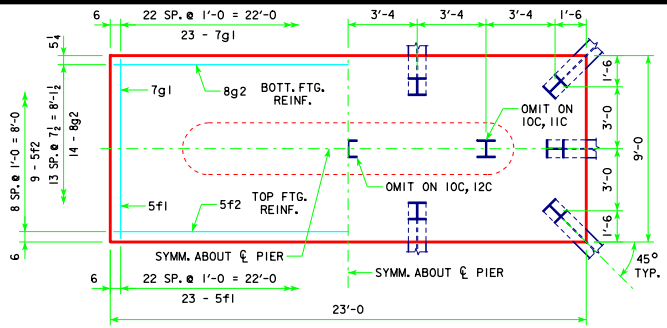


REVISED 04-13 - REVISION FOR LRFD PILE DESIGN.

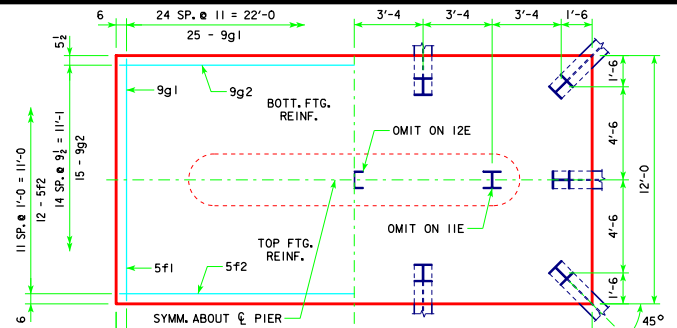


d2

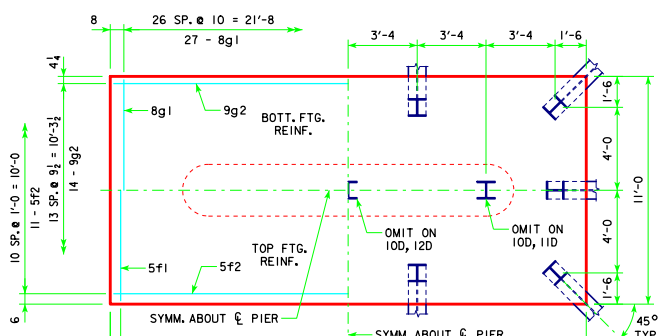
NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.



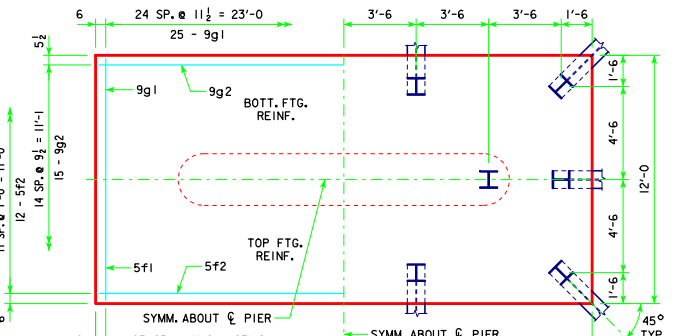
4'-0" x 9'-0" x 23'-0" FOR IOc, IIC & I2C



4'-0" x 12'-0" x 23'-0" FOR IIE & I2E



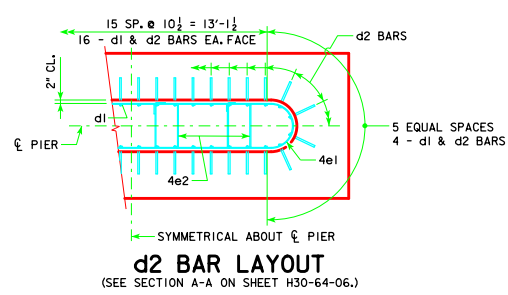
4'-0" x 11'-0" x 23'-0" FOR IOd, IID & I2D



4'-0" x 12'-0" x 24'-0" FOR I2F

H IN FT.	PILING (HP10x57)	FOOTING SIZE
21	201'-4 IOc	4' x 9' x 23'
22	213'-10 IIC	
23	226'-4 I2C	
24	243'-0 I2C	4' x 11' x 23'
25	201'-4 IOd	
26	213'-10 IID	
27	226'-4 I2D	4' x 11' x 23'
28	243'-0 I2D	
29	201'-4 IID	
30	213'-10 IID	4' x 12' x 23'
31	226'-4 I2E	
32	243'-0 I2E	
33	201'-4 IIE	4' x 12' x 24'
34	213'-10 IIE	
35	226'-4 I2E	
36	243'-0 I2E	4' x 12' x 24'
37	201'-4 I2F	
38	213'-10 I2F	
39	226'-4 I2F	4' x 12' x 24'
40	243'-0 I2F	

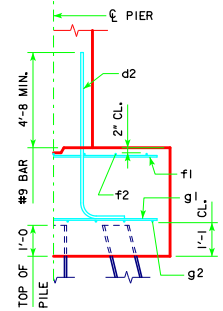
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 9' x 23'	d2 40 - #9 AS SHOWN	9'-1	1235	2910	30.7
	f1 23 - #5 @ 1'-0	8'-8	208		
	f2 9 - #5 @ 1'-0	22'-8	213		
	g1 23 - #7 @ 1'-0	8'-8	407		
	g2 14 - #8 @ 0'-7 1/2	22'-8	847		
4' x 11' x 23'	d2 40 - #9 AS SHOWN	9'-1	1235	3599	37.5
	f1 23 - #5 @ 1'-0	10'-8	256		
	f2 11 - #5 @ 1'-0	22'-8	260		
	g1 27 - #8 @ 0'-10	10'-8	769		
	g2 14 - #9 @ 0'-9 1/2	22'-8	1079		
4' x 12' x 23'	d2 40 - #9 AS SHOWN	9'-1	1235	3947	40.9
	f1 23 - #5 @ 1'-0	11'-8	280		
	f2 12 - #5 @ 1'-0	22'-8	284		
	g1 25 - #9 @ 0'-11	11'-8	992		
	g2 15 - #9 @ 0'-9 1/2	22'-8	1156		
4' x 12' x 24'	d2 40 - #9 AS SHOWN	9'-1	1235	4022	42.7
	f1 24 - #5 @ 1'-0	11'-8	292		
	f2 12 - #5 @ 1'-0	23'-8	296		
	g1 25 - #9 @ 0'-11 1/2	11'-8	992		
	g2 15 - #9 @ 0'-9 1/2	23'-8	1207		



d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H30-64-06.)

NOTE: PU, STRENGTH I DESIGN LOAD (KIPS) IS NOT THE VALUE USED IN THE FIELD FOR DRIVING PILES.



TYPICAL SECTION

FOOTING NOTES:

THESE FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H30-57-06.

BATTER PILES IN EXTERIOR ROWS I44 IN THE DIRECTION SHOWN.

STEEL PILING USED AS POINT BEARING SHALL HAVE A MINIMUM DISTANCE OF APPROXIMATELY 10 FEET FROM BOTTOM OF FOOTING TO TOP OF BEARING ROCK. THE PILE LAYOUTS ARE SUCH THAT THE DISTANCE CENTER TO CENTER OF ADJACENT PILING SHALL NOT EXCEED 8'-0.

PIER PILES SHALL BE DRIVEN TO VALUES SHOWN IN DESIGN PLANS.

04-13 LATEST REVISION DATE Approved by BRIDGE ENGINEER	
	STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006
TEE PIER-HP10x57 SRL-2 STEEL PILE FOOTINGS 15° SKEW - H=25' to 40'	H30-68-06