

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

*Kathryn Orlewil*  
REGISTERED/CIVIL ENGINEER

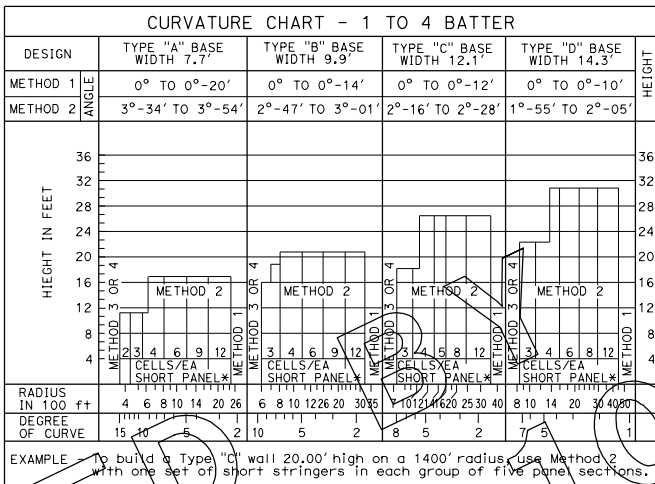
May 20, 2011  
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY, OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
Kathryn Orlewil  
No. C55599  
Exp. 12-31-12  
CIVIL  
STATE OF CALIFORNIA

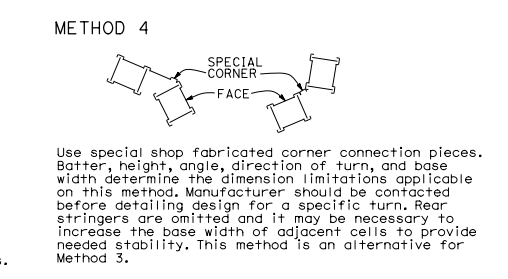
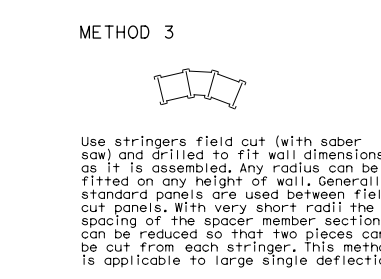
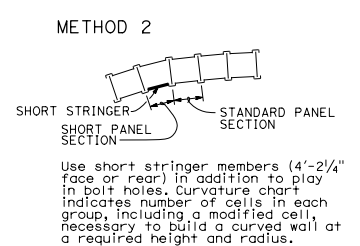
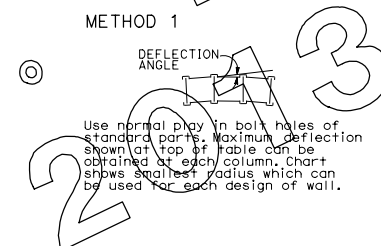
STRINGER MEMBERS REQUIRED PER CELL									
STANDARD FOR STRAIGHT	SHORT IN FRONT				SHORT IN REAR				
	0.064"	St+r St+f	St+d	SHORT	St+f St+f	St+d	SHORT	St+d	St+f
4.00	3	1	1	2	1	2	1	1	1
5.33	5	1	2	3	1	3	2	1	1
6.67	7	1	3	4	1	4	3	1	1
8.00	9	1	4	5	1	5	4	1	1
9.33	11	1	5	6	1	6	5	1	1
10.67	13	1	6	7	1	7	6	1	1
12.00	15	1	7	8	1	8	7	1	1
13.33	17	1	8	9	1	9	8	1	1
14.67	19	1	9	10	1	10	9	1	1
16.00	21	1	10	11	1	11	10	1	1
17.33	23	1	11	12	1	12	11	1	1
18.67	25	1	12	13	1	13	12	1	1
20.00	27	1	13	14	1	14	13	1	1
21.33	29	1	14	15	1	15	14	1	1
22.67	31	1	15	16	1	16	15	1	1
24.00	33	1	16	17	1	17	16	1	1
25.33	35	1	17	18	1	18	17	1	1
26.67	37	1	18	19	1	19	18	1	1
28.00	39	1	19	20	1	20	19	1	1
29.33	41	1	20	21	1	21	20	1	1
30.67	43	1	21	22	1	22	21	1	1
32.00	45	1	22	23	1	23	22	1	1
33.33	47	1	23	24	1	24	23	1	1
34.67	49	1	24	25	1	25	24	1	1
36.00	51	1	25	26	1	26	25	1	1

NOTE: This table applies only to stringers for both front and rear of a 5' length of wall.



OTHER MEMBERS REQUIRED PER CELL																	
WALL HEIGHT	BEARING PLATE	FRONT COLUMN HEIGHT (ft)				REAR COLUMN HEIGHT (ft)				TOTAL COLUMN LENGTH (ft)	COLUMN SPACE	COLUMN CAP	SPACERS (BY LENGTH)				WALL HEIGHT (ft)
		1st LIFT	2nd LIFT	3rd LIFT	TOTAL HEIGHT	1st LIFT	2nd LIFT	3rd LIFT	TOTAL HEIGHT				7.4'	9.6'	11.8'	14.0'	
4.00	16" x 22"				4.00				4.00	6.67	2	1	1	1	1	4.00	
5.33					5.33				5.33	9.33	2	1	1	1	1	5.33	
6.67					6.67				6.67	12.00	2	1	1	1	1	6.67	
8.00					8.00				8.00	14.67	2	1	1	1	1	8.00	
9.33					9.33				9.33	17.33	2	1	1	1	1	9.33	
10.67					10.67				10.67	20.00	2	1	1	1	1	10.67	
12.00					12.00				12.00	22.67	2	1	1	1	1	12.00	
13.33					13.33				13.33	25.33	2	1	1	1	1	13.33	
14.67					14.67				14.67	28.00	2	1	1	1	1	14.67	
16.00					16.00				16.00	30.67	2	1	1	1	1	16.00	
17.33					17.33				17.33	33.33	2	1	1	1	1	17.33	
18.67					18.67				18.67	36.00	2	1	1	1	1	18.67	
20.00					20.00				20.00	38.67	2	1	1	1	1	20.00	
21.33					21.33				21.33	41.33	2	1	1	1	1	21.33	
22.67					22.67				22.67	44.00	2	1	1	1	1	22.67	
24.00					24.00				24.00	46.67	2	1	1	1	1	24.00	
25.33					25.33				25.33	49.33	2	1	1	1	1	25.33	
26.67					26.67				26.67	52.00	2	1	1	1	1	26.67	
28.00					28.00				28.00	54.67	2	1	1	1	1	28.00	
29.33					29.33				29.33	57.33	2	1	1	1	1	29.33	
30.67					30.67				30.67	60.00	2	1	1	1	1	30.67	
32.00					32.00				32.00	62.67	2	1	1	1	1	32.00	
33.33					33.33				33.33	65.33	2	1	1	1	1	33.33	
34.67					34.67				34.67	68.00	2	1	1	1	1	34.67	
36.00					36.00				36.00	70.67	2	1	1	1	1	36.00	

NOTE: This table applies only to standard panel sections for a 5' length of wall.



LEGEND

St+r = STRINGERS  
St+f = STIFFENER  
St+d = STANDARD  
Sh+ = SHORT LENGTH OF 4'-2 1/4"

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**STEEL CRIB WALL  
DESIGN DATA**

NO SCALE

**C8B**

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2010 STANDARD PLAN C8B