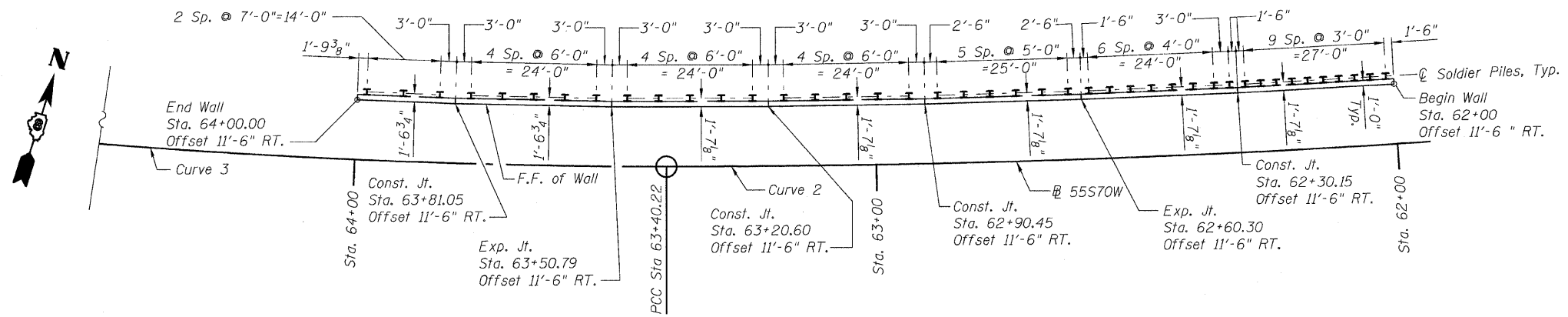


ELEVATION
(Looking @ F.F. of Wall)

Note:

The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.

Wall to be built along straight chords between construction joints and expansion joints.



PLAN
(All dimensions along F.F. of Wall)

PILE SUMMARY

PILE NO.	PILE SIZE	LENGTH	TIP ELEVATION	TOP ELEVATION
1	HP14x117	37.23	379.57	416.80
2	HP14x117	36.50	380.26	416.76
3	HP14x117	36.41	380.31	416.72
4	HP14x117	36.98	379.71	416.69
5	HP14x117	36.25	380.40	416.65
6	HP14x117	36.17	380.44	416.61
7	HP14x117	36.08	380.49	416.57
8	HP14x117	36.00	380.53	416.53
9	HP14x117	35.91	380.58	416.49
10	HP14x117	35.83	380.62	416.45
11	HP14x117	35.72	380.69	416.41
12	HP14x117	35.64	380.73	416.37
13	HP14x117	35.53	380.79	416.32
14	HP14x117	36.07	380.19	416.26
15	HP14x117	35.30	380.91	416.21
16	HP14x117	35.19	380.97	416.16
17	HP14x117	35.08	381.03	416.11
18	HP14x117	34.96	381.09	416.05
19	HP14x117	34.78	381.17	415.95
20	HP14x117	34.52	381.27	415.79
21	HP14x117	34.24	381.38	415.62
22	HP14x117	33.97	381.49	415.46
23	HP14x117	33.70	381.59	415.29
24	HP14x117	33.43	381.70	415.13
25	HP14x117	33.76	381.18	414.94
26	HP14x117	32.82	381.93	414.75
27	HP14x117	32.49	382.06	414.55
28	HP14x117	32.16	382.19	414.35
29	HP14x117	31.84	382.31	414.15
30	HP14x117	31.51	382.44	413.95
31	HP14x117	31.19	382.57	413.76
32	HP14x117	25.95	387.61	413.56
33	HP14x117	25.62	387.74	413.36
34	HP14x117	25.29	387.87	413.16
35	HP14x73	25.53	387.50	413.03
36	HP14x73	25.29	387.66	412.95
37	HP14x73	25.01	387.87	412.88
38	HP14x73	24.76	388.05	412.81
39	HP14x73	24.49	388.24	412.73
40	HP14x73	24.22	388.44	412.66
41	HP14x73	23.92	388.65	412.57
42	HP14x73	23.62	388.87	412.49

HOELSCHER ENGINEERING
Fairview Heights, IL
Springfield, IL
Champaign, IL

SOLDIER PILE LAYOUT
STRUCTURE NO. 082-W301

FILE NAME = H:\NSN 082-W301 Final Plans 100909.dgn	USER NAME = default	DESIGNED - CMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOLDIER PILE LAYOUT - RETAINING WALL 082-W301	F.A.P. RTE. 998	SECTION 82-1-IHB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 199		
PLOT SCALE = 26x8 1/4" / IN.	CHECKED - JSA	REVISOR -	SCALE: N.T.S.			SHEET NO. 3 OF 9 SHEETS	STA. 62+00.00 TO STA. 64+00.00	CONTRACT NO. 76C55				
PLOT DATE = 10/5/2009	DATE - OCT 9, 2009	REVISOR -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									