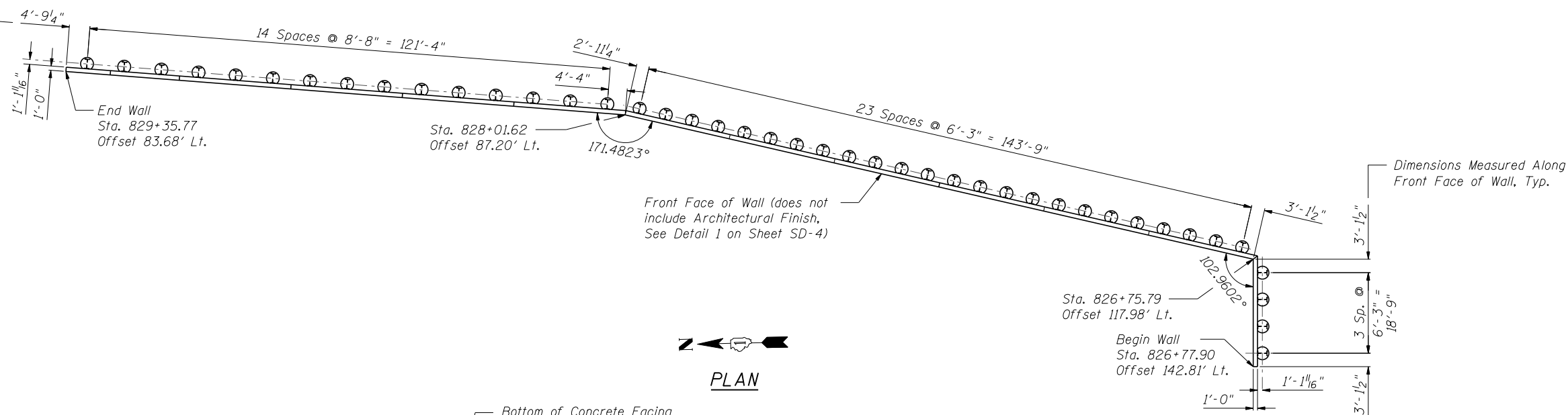
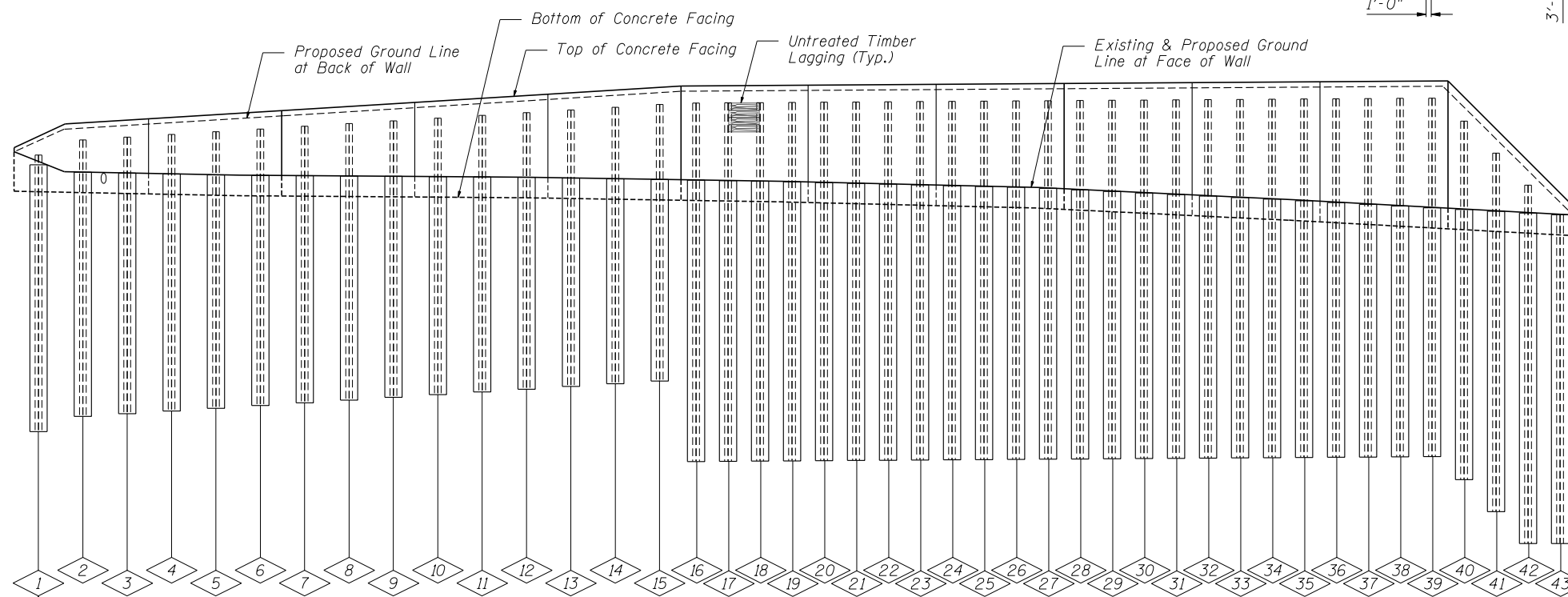


Dimensions Measured Along Front Face of Wall, Typ.



PLAN



DEVELOPED ELEVATION

PILE SUMMARY

Pile No.	Station	Offset to $\phi$ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to $\phi$ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to $\phi$ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	
1	829+30.77	81.77	W27x146	27'-0"	682.40	709.40	16	827+98.30	85.54	W27x146	35'-0"	679.34	714.34	31	827+13.71	100.71	W27x146	35'-0"	679.66	714.66	
2	829+21.87	82.17	W27x146	27'-0"	683.75	710.75	17	827+91.94	86.48	W27x146	35'-0"	679.36	714.36	32	827+09.05	102.20	W27x146	35'-0"	679.68	714.68	
3	829+12.97	82.54	W27x146	27'-0"	684.01	711.01	18	827+85.58	87.41	W27x146	35'-0"	679.38	714.38	33	827+04.43	103.77	W27x146	35'-0"	679.70	714.70	
4	829+04.07	82.89	W27x146	27'-0"	684.28	711.28	19	827+79.21	88.33	W27x146	35'-0"	679.41	714.41	34	826+99.84	105.42	W27x146	35'-0"	679.72	714.72	
5	828+95.17	83.21	W27x146	27'-0"	684.55	711.55	20	827+72.85	89.23	W27x146	35'-0"	679.43	714.43	35	826+95.28	107.16	W27x146	35'-0"	679.74	714.74	
6	828+86.27	83.50	W27x146	27'-0"	684.81	711.81	21	827+66.47	90.13	W27x146	35'-0"	679.45	714.45	36	826+90.76	108.98	W27x146	35'-0"	679.76	714.76	
7	828+77.36	83.78	W27x146	27'-0"	685.08	712.08	22	827+60.10	91.01	W27x146	35'-0"	679.47	714.47	37	826+86.28	110.87	W27x146	35'-0"	679.78	714.78	
8	828+68.45	84.02	W27x146	27'-0"	685.34	712.34	23	827+53.72	91.87	W27x146	35'-0"	679.49	714.49	38	826+81.84	112.85	W27x146	35'-0"	679.80	714.80	
9	828+59.55	84.24	W27x146	27'-0"	685.61	712.61	24	827+47.33	92.73	W27x146	35'-0"	679.51	714.51	39	826+77.44	114.91	W27x146	35'-0"	679.82	714.82	
10	828+50.64	84.44	W27x146	27'-0"	685.87	712.87	25	827+42.24	93.60	W27x146	35'-0"	679.53	714.53	40	826+74.51	121.34	W27x146	35'-0"	678.27	713.27	
11	828+41.72	84.61	W27x146	27'-0"	686.14	713.14	26	827+37.42	94.57	W27x146	35'-0"	679.55	714.55	41	826+75.07	127.54	W27x146	35'-0"	675.15	710.15	
12	828+32.81	84.75	W27x146	27'-0"	686.40	713.40	27	827+32.63	95.62	W27x146	35'-0"	679.57	714.57	42	826+75.62	133.75	W27x146	35'-0"	672.02	707.02	
13	828+23.90	84.87	W27x146	27'-0"	686.67	713.67	28	827+27.86	96.76	W27x146	35'-0"	679.59	714.59	43	826+76.15	139.95	W27x146	35'-0"	668.90	703.90	
14	828+14.99	84.97	W27x146	27'-0"	686.94	713.94	29	827+23.11	97.99	W27x146	35'-0"	679.61	714.61								
15	828+06.07	85.04	W27x146	27'-0"	687.20	714.20	30	827+18.39	99.31	W27x146	35'-0"	679.64	714.64								

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	1,385
Drilling and Setting Soldier Piles (In Soil)	Cu Ft	7,636
Untreated Timber Lagging	Sq Ft	2,445
Stud Shear Connectors	Each	436

Note: All offsets are to the left of  $\phi$  SB IL Rte 59

SOLDIER PILE LAYOUT  
SN 022-W065



USER NAME = SAW	DESIGNED - LAS	REVISED -
	CHECKED - DAZ	REVISED -
PLOT SCALE = 38.00' / IN.	DRAWN - SAW	REVISED -
PLOT DATE = 10/10/2012	CHECKED - JLA	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE LAYOUT  
STRUCTURE NUMBER 022-W065

SHEET NO. SD-3 OF SD-11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-5	DUPAGE	963	664
			CONTRACT NO. 60131	
ILLINOIS FED. AID PROJECT				

FILE NAME = ...E0131-W065-003-F1.plt.dwg