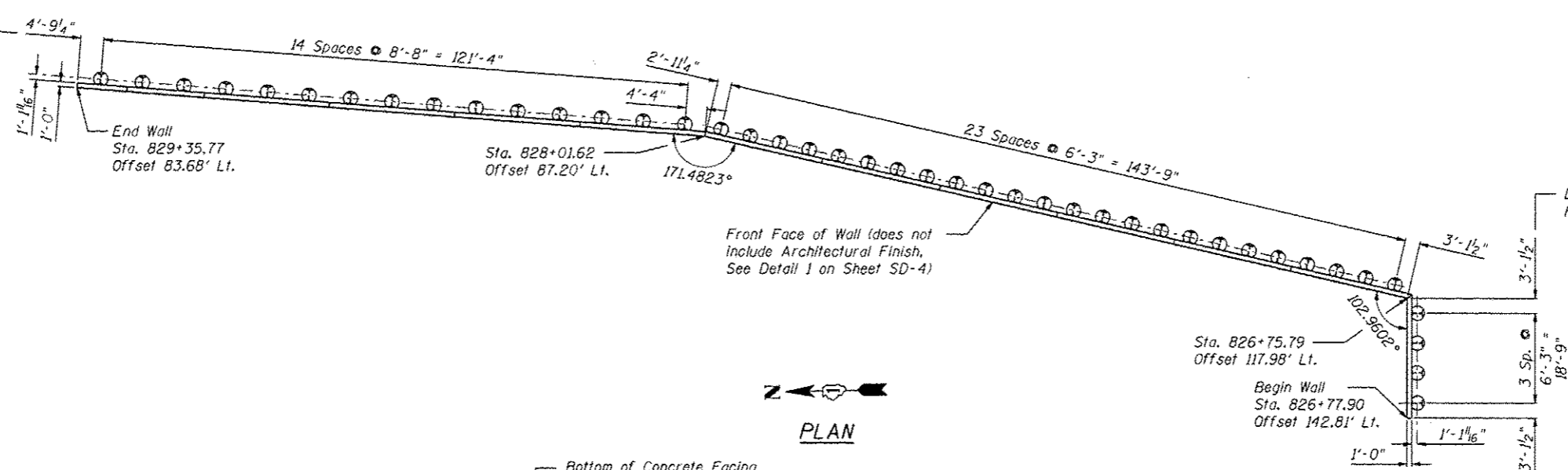


Dimensions Measured Along Front Face of Wall, Typ.

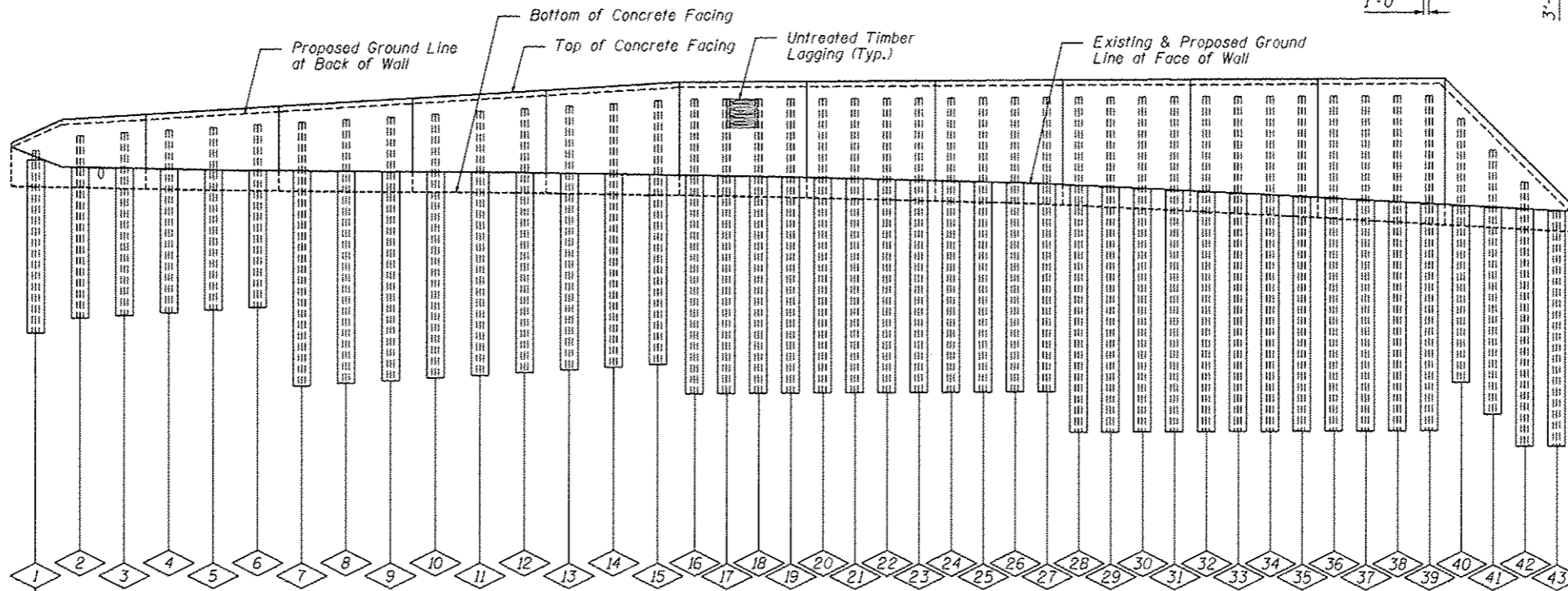


Dimensions Measured Along Front Face of Wall, Typ.

Front Face of Wall (does not include Architectural Finish, See Detail 1 on Sheet SD-4)



PLAN



DEVELOPED ELEVATION

PILE SUMMARY

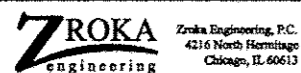
Pile No.	Station	Offset to C. Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to C. Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to C. Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	
1	829+30.77	81.77	W27x146	18'-0"	691.40	709.40	16	827+98.30	85.54	W27x146	29'-0"	685.34	714.34	31	827+13.71	100.71	W27x146	33'-0"	681.66	714.66	
2	829+21.87	82.17	W27x146	18'-0"	692.75	710.75	17	827+91.94	86.48	W27x146	29'-0"	685.36	714.36	32	827+09.05	102.20	W27x146	33'-0"	681.68	714.68	
3	829+12.97	82.54	W27x146	18'-0"	693.01	711.01	18	827+85.58	87.41	W27x146	29'-0"	685.38	714.38	33	827+04.43	103.77	W27x146	33'-0"	681.70	714.70	
4	829+04.07	82.89	W27x146	18'-0"	693.28	711.28	19	827+79.21	88.33	W27x146	29'-0"	685.41	714.41	34	826+99.84	105.42	W27x146	33'-0"	681.72	714.72	
5	828+95.17	83.21	W27x146	18'-0"	693.55	711.55	20	827+72.85	89.23	W27x146	29'-0"	685.43	714.43	35	826+95.28	107.15	W27x146	33'-0"	681.74	714.74	
6	828+86.27	83.50	W27x146	18'-0"	693.81	711.81	21	827+66.47	90.13	W27x146	29'-0"	685.45	714.45	36	826+90.76	108.98	W27x146	33'-0"	681.76	714.76	
7	828+77.36	83.78	W27x146	26'-0"	686.08	712.08	22	827+60.10	91.01	W27x146	29'-0"	685.47	714.47	37	826+86.28	110.87	W27x146	33'-0"	681.78	714.78	
8	828+68.45	84.02	W27x146	26'-0"	686.34	712.34	23	827+53.72	91.87	W27x146	29'-0"	685.49	714.49	38	826+81.84	112.85	W27x146	33'-0"	681.80	714.80	
9	828+59.55	84.24	W27x146	26'-0"	686.61	712.61	24	827+47.33	92.73	W27x146	29'-0"	685.51	714.51	39	826+77.44	114.91	W27x146	33'-0"	681.82	714.82	
10	828+50.64	84.44	W27x146	26'-0"	686.87	712.87	25	827+42.24	93.60	W27x146	29'-0"	685.53	714.53	40	826+74.51	121.34	W27x146	26'-0"	687.27	713.27	
11	828+41.72	84.61	W27x146	26'-0"	687.14	713.14	26	827+37.42	94.57	W27x146	29'-0"	685.55	714.55	41	826+75.07	127.54	W27x146	26'-0"	684.15	710.15	
12	828+32.81	84.75	W27x146	26'-0"	687.40	713.40	27	827+32.63	95.62	W27x146	29'-0"	685.57	714.57	42	826+75.62	133.75	W27x146	26'-0"	681.02	707.02	
13	828+23.90	84.87	W27x146	26'-0"	687.67	713.67	28	827+27.86	96.76	W27x146	33'-0"	681.59	714.59	43	826+76.15	139.95	W27x146	26'-0"	677.90	703.90	
14	828+14.99	84.97	W27x146	26'-0"	687.94	713.94	29	827+23.11	97.99	W27x146	33'-0"	681.61	714.61								
15	828+06.07	85.04	W27x146	26'-0"	688.20	714.20	30	827+18.39	99.31	W27x146	33'-0"	681.64	714.64								

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	1,190
Drilling and Setting Soldier Piles (In Soil)	Cu Ft	6,258
Untreated Timber Lagging	Sq Ft	2,445
Stud Shear Connectors	Each	436

Note: All offsets are to the left of @ SB IL Rte 59

FILE NAME: \\\\88131-1065-003-P.L.A. 0204.dwg



USER NAME: SAW	DESIGNED: LAS	REVISED: 12/17/2012 L.A.S.
PLOT SCALE: 3/8" = 1'-0"	CHECKED: DAZ	REVISED:
PLOT DATE: 12/12/2012	DRAWN: SAW	REVISED:
	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				