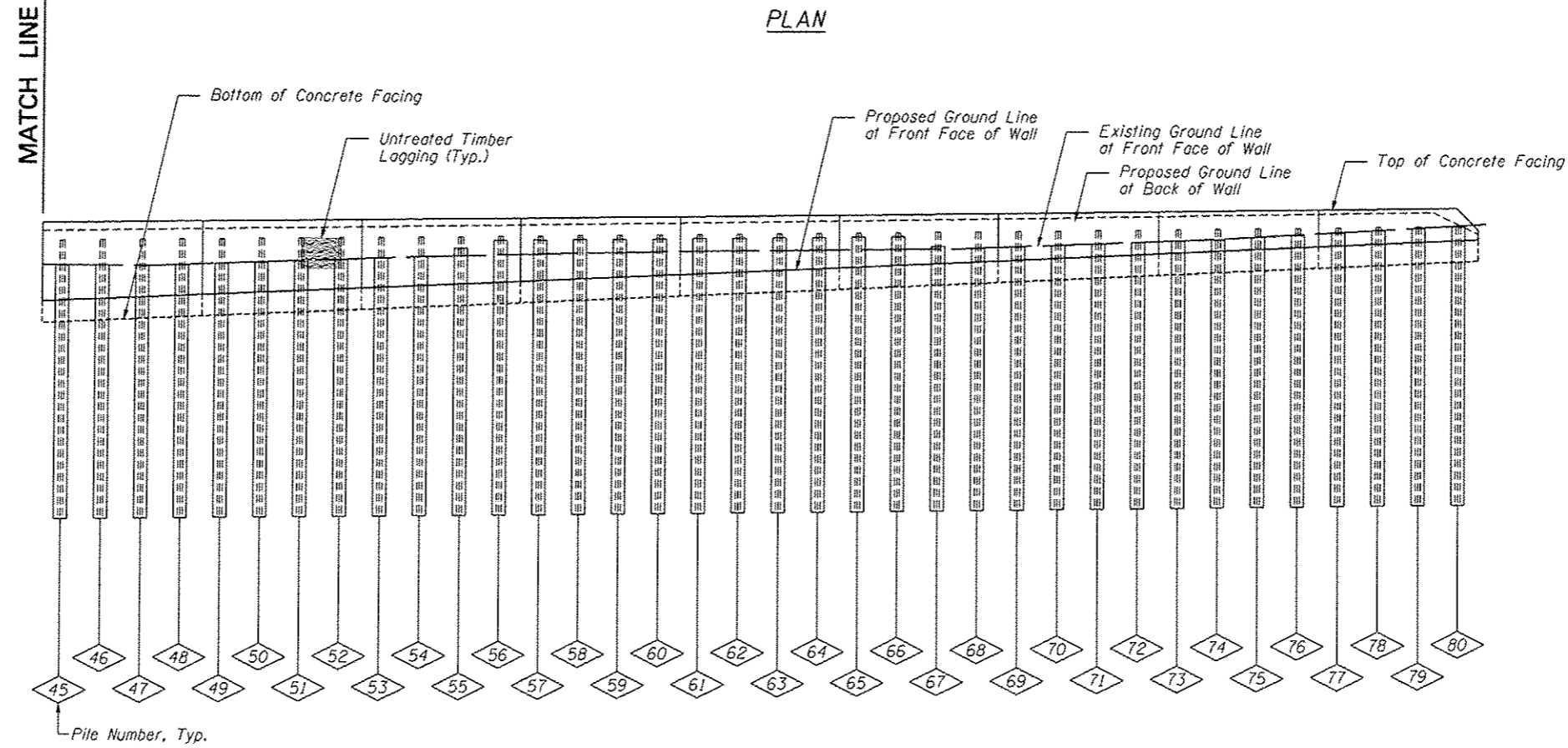


PLAN



ELEVATION

PILE SUMMARY

Pile No.	Station	Offset to ϕ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to ϕ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to ϕ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation
45	3968+36.40	66.95	W18x86	26'-0"	671.34	697.34	57	3969+26.36	69.49	W18x86	26'-0"	672.01	698.01	69	3970+15.61	72.09	W18x86	26'-0"	672.69	698.69
46	3968+43.89	67.17	W18x86	26'-0"	671.40	697.40	58	3969+33.86	69.70	W18x86	26'-0"	672.07	698.07	70	3970+22.94	72.14	W18x86	26'-0"	672.74	698.74
47	3968+51.39	67.38	W18x86	26'-0"	671.45	697.45	59	3969+41.36	69.92	W18x86	26'-0"	672.13	698.13	71	3970+30.27	72.21	W18x86	26'-0"	672.80	698.80
48	3968+58.89	67.59	W18x86	26'-0"	671.51	697.51	60	3969+48.85	70.13	W18x86	26'-0"	672.18	698.18	72	3970+37.60	72.30	W18x86	26'-0"	672.86	698.86
49	3968+66.39	67.80	W18x86	26'-0"	671.57	697.57	61	3969+56.35	70.34	W18x86	26'-0"	672.24	698.24	73	3970+44.99	72.33	W18x86	26'-0"	672.91	698.91
50	3968+73.88	68.01	W18x86	26'-0"	671.62	697.62	62	3969+63.85	70.55	W18x86	26'-0"	672.30	698.30	74	3970+52.33	72.31	W18x86	26'-0"	672.97	698.97
51	3968+81.38	68.22	W18x86	26'-0"	671.68	697.68	63	3969+71.34	70.76	W18x86	26'-0"	672.35	698.35	75	3970+59.66	72.31	W18x86	26'-0"	673.02	699.02
52	3968+88.88	68.43	W18x86	26'-0"	671.73	697.73	64	3969+78.84	70.97	W18x86	26'-0"	672.41	698.41	76	3970+66.99	72.33	W18x86	26'-0"	673.08	699.08
53	3968+96.37	68.65	W18x86	26'-0"	671.79	697.79	65	3969+86.25	71.19	W18x86	26'-0"	672.46	698.46	77	3970+74.34	72.33	W18x86	26'-0"	673.14	699.14
54	3969+03.87	68.86	W18x86	26'-0"	671.85	697.85	66	3969+93.59	71.42	W18x86	26'-0"	672.52	698.52	78	3970+81.67	72.31	W18x86	26'-0"	673.19	699.19
55	3969+11.37	69.07	W18x86	26'-0"	671.90	697.90	67	3970+00.92	71.66	W18x86	26'-0"	672.58	698.58	79	3970+89.00	72.31	W18x86	26'-0"	673.25	699.25
56	3969+18.87	69.28	W18x86	26'-0"	671.96	697.96	68	3970+08.24	71.93	W18x86	26'-0"	672.63	698.63	80	3970+96.33	72.33	W18x86	26'-0"	673.31	699.31

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	2,400
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	14,953
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	1,618
Untreated Timber Lagging	Sq Ft	4,368
Stud Shear Connectors	Each	707

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

SOLDIER PILE LAYOUT 2
SN 022-W046

FILE NAME: ... \BSP42-W046-004-P1.dwg

ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

USER NAME: SAW	DESIGNED - LAS	REVISED - ADDENDUM A 7/16/12
PLLOT SCALE: 30.0000' / IN.	CHECKED - DAZ	REVISED -
PLLOT DATE: 7/8/2012	DRAWN - SAW	REVISED -
	CHECKED - LAS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE LAYOUT 2
STA. 3965 + 05.35 TO STA. 3971 + 00.00 SN 022-W046

F.A.P. RTE. 338	SECTION 2011-036-1	COUNTY DUPAGE	TOTAL SHEETS 234	SHEET NO. 57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P42	

SHEET NO. SC-4 OF SC-17 SHEETS