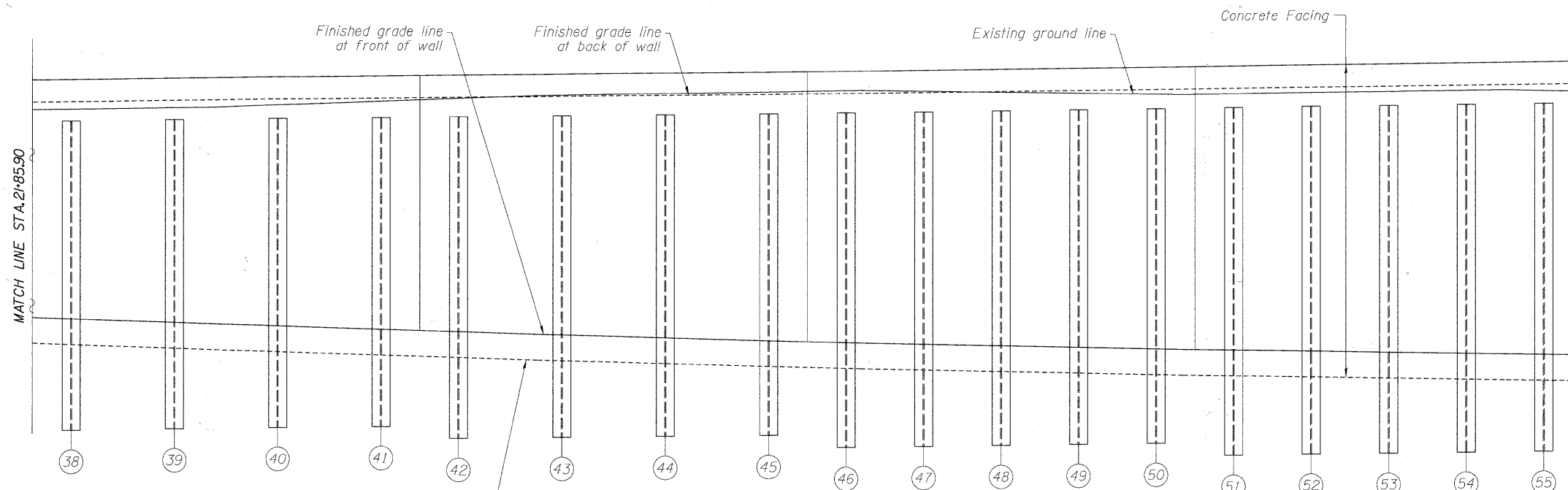


PLAN
(All dimensions are measured along front face of wall)



ELEVATION

SHAFT SIZES

PILE SIZE	SHAFT EXCAVATION SIZE
W36x302	4'-0" ϕ
W36x282	4'-0" ϕ
W33x201	3'-6" ϕ
W21x147	2'-6" ϕ
W21x101	2'-6" ϕ

PILE SUMMARY

PILE NO.	PILE SIZE	LENGTH	BOTTOM ELEVATION	TOP ELEVATION	PILE NO.	PILE SIZE	LENGTH	BOTTOM ELEVATION	TOP ELEVATION	PILE NO.	PILE SIZE	LENGTH	BOTTOM ELEVATION	TOP ELEVATION
38	W36x302	45.00	572.00	617.00	44	W36x302	47.00	570.60	617.60	50	W36x302	50.00	568.09	618.09
39	W36x302	45.00	572.10	617.10	45	W36x302	47.00	570.70	617.70	51	W36x302	53.00	565.17	618.17
40	W36x302	45.00	572.21	617.21	46	W36x302	50.00	567.78	617.78	52	W36x302	53.00	565.25	618.25
41	W36x302	45.00	572.31	617.31	47	W36x302	50.00	567.86	617.86	53	W36x302	53.00	565.32	618.32
42	W36x302	47.00	570.39	617.39	48	W36x302	50.00	567.93	617.93	54	W36x302	53.00	565.40	618.40
43	W36x302	47.00	570.49	617.49	49	W36x302	50.00	568.01	618.01	55	W36x302	53.00	565.48	618.48

BILL OF MATERIAL

Item	Unit	Quantity
Stud Shear Connectors	Each	2,069
Untreated Timber Lagging	Sq. Ft.	6,240
Geocomposite Wall Drain	Sq. Yd.	693
Pipe Underdrains for Structures, 4"	Foot	403
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	19,053
Furnishing Soldier Piles (W 21 x 101)	Foot	279
Furnishing Soldier Piles (W 21 x 147)	Foot	88
Furnishing Soldier Piles (W 33 x 201)	Foot	232
Furnishing Soldier Piles (W 36 x 282)	Foot	312
Furnishing Soldier Piles (W 36 x 302)	Foot	883

FILE NAME = F:\61055877_0002_CAD\001_Plan\right\Shores\AS\Structure\016-7722_1001-sha28-F-1a.rvt



USER NAME = dabezicd	DESIGNED - DD	REVISED -
PLLOT SCALE = 0:1.0000' = 1" = 10'	DRAWN - DD	REVISED -
PLLOT DATE = 2/17/2011	CHECKED - EJO	REVISED -
	DATE - 11/20/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE PLAN & ELEVATION III
STRUCTURE NO. 016-7722

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	118
				CONTRACT NO. 63556
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 28 OF 65 SHEETS STA. 21+85.90 TO STA. 23+05.90