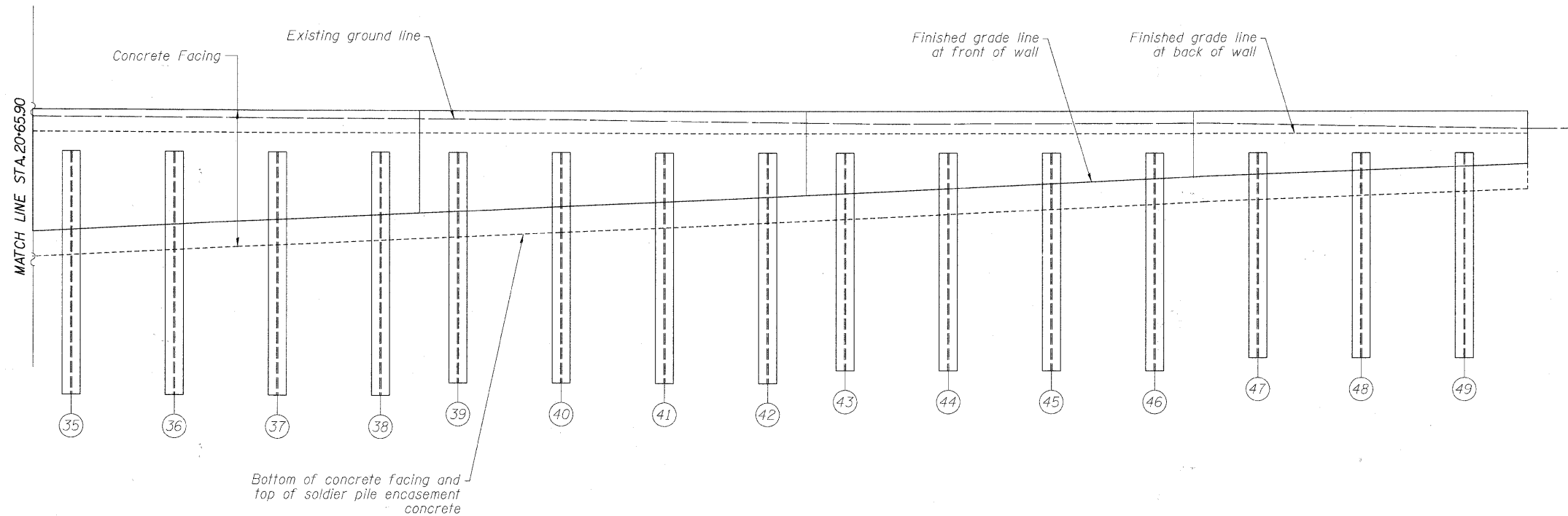


PLAN
(All dimensions are measured along front face of wall)



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
35	W21x147	22.00	591.13	613.13	40	W21x101	15.00	598.05	613.05	45	W21x101	15.00	598.05	613.05
36	W21x147	22.00	591.08	613.08	41	W21x101	15.00	598.05	613.05	46	W21x101	15.00	598.05	613.05
37	W21x147	22.00	591.05	613.05	42	W21x101	15.00	598.05	613.05	47	W21x101	15.00	598.05	613.05
38	W21x147	22.00	591.05	613.05	43	W21x101	15.00	598.05	613.05	48	W21x101	15.00	598.05	613.05
39	W21x101	15.00	598.05	613.05	44	W21x101	15.00	598.05	613.05	49	W21x101	15.00	598.05	613.05

BILL OF MATERIAL

Item	Unit	Quantity
Stud Shear Connectors	Each	1,925
Untreated Timber Logging	Sq. Ft.	5,519
Geocomposite Wall Drain	Sq. Yd.	613
Pipe Underdrains for Structures, 4"	Foot	358
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	18,493
Furnishing Soldier Piles (W 21 x 101)	Foot	165
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 = P:\60159377\020_CAD\001_Drawings\Sheets\Structure\016-7723_I001-sh-35-Pile P&E.dgn



USER NAME = dabezicd	DESIGNED - DD	REVISED -
PLOT SCALE = 0.1:0000 '1" = 100'	DRAWN - DD	REVISED -
PLOT DATE = 2/17/2011	CHECKED - EJO	REVISED -
	DATE - 11/22/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOLDIER PILE PLAN & ELEVATION III
STRUCTURE NO. 016-7723**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	125
CONTRACT NO. 63556			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 35 OF 65 SHEETS STA. 19+50.00 TO STA. 20+65.90