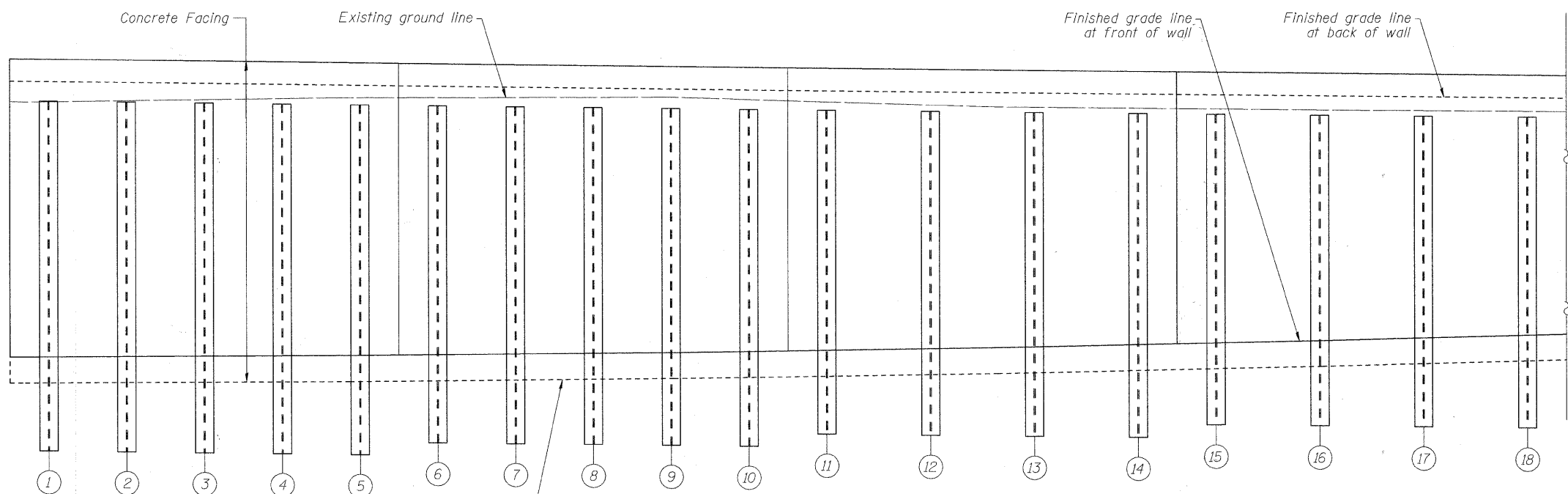


PLAN
(All dimensions are measured along front face of wall)



Bottom of concrete facing and top of soldier pile encasement concrete

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
1	W36x302	53.00	565.49	618.49	7	W36x302	50.00	568.11	618.11	13	W36x302	47.00	570.69	617.69
2	W36x302	53.00	565.43	618.43	8	W36x302	50.00	568.05	618.05	14	W36x302	47.00	570.61	617.61
3	W36x302	53.00	565.37	618.37	9	W36x302	50.00	567.99	617.99	15	W36x302	45.00	572.54	617.54
4	W36x302	53.00	565.30	618.30	10	W36x302	50.00	567.92	617.92	16	W36x302	45.00	572.46	617.46
5	W36x302	53.00	565.24	618.24	11	W36x302	47.00	570.86	617.86	17	W36x302	45.00	572.38	617.38
6	W36x302	50.00	568.18	618.18	12	W36x302	47.00	570.77	617.77	18	W36x302	45.00	572.29	617.29

FILE NAME = P:\60155677\000_000_001_Dr\ex\p\Struct\016-7724_001-sha35-51a_P&E_1.dgn



USER NAME = dabeziad
 PLOT SCALE = 01.0000' / IN.
 PLOT DATE = 1/21/2011

DESIGNED - DD
 DRAWN - DD
 CHECKED - EJO
 DATE - 11/22/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SOLDIER PILE PLAN & ELEVATION I
 STRUCTURE NO. 016-7724**

SCALE: SHEET NO. 35 OF 61 SHEETS STA. 23+73.88 TO STA. 24+93.88

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	129
CONTRACT NO. 63556				
ILLINOIS FED. AID PROJECT				