Wang **BORING LOG PBB-03** Datum: NGVD Elevation: 703.54 ft North: 1793081.05 ft East: 1115882.37 ft Station: 122+66.17 Offset: 48.83 RT WEI Job No.: 201-40-01 wangeng@wangeng.com 1145 N Main Street McDonough Associates Inc. Client Lombard, IL 60148 Telephone: 630 953-9928 Fax: 630 953-9938 Project US 45

Location

ORLAND PARK, T 36N, R 12E

Profile	SOIL AND ROCK DESCRIPTION	(ft) (Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ff)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	7 <sup>70</sup> <sup>2</sup> <sup>4</sup> 1-inch thick, dark brown SILTY i LOAM \TOPSOIL-	/ <del>3</del> V	1	3 5 6 4	NP	13					S C	S		0
	701.3Medium dense, brown SILTY LOAMFILL- 699401 TY CLAY LOAM 1819	4	2	3 3 2 3	0.50 P	21								
	Very loose to loose, brown and gray LOAM, little gravel MOIST to WET-	5	3	1 2 2 2	NP	25								
	695.4		4	6 1 2 2	NP	26								
	Loose to medium dense, gray, fine to coarse SAND, little gravel	10	5	2 2 3 3	NP	17								
	691.5		6	3 4 6 8	NP	16								
	Boring terminated at 12.00 ft	-												
		15												
		20												
2014001.GPJ WANGENG.GDT 10/19/11		-												
WANGENG														
P - G	GENERA		WATER LEVEL DATA											
Be	egin Drilling 11-24-2010	10 1R	While Drilling	¥		00 ft								
ĭ Dr Ş Dr	rilling Contractor WTS	At Completion of Drilling    6.00 ft												
¥I	riller R&J Logger F rilling Method 3.25" IDA HSA; Bor	3. Wilso				by .			Time After Drilling NA  Depth to Water  NA					
WANG	J.ZJ IDA HJA, BUI	The stratification lines represent the approximate boundary												

11 Lo	angeng@wangeng.com 145 N Main Street ombard, IL 60148 elephone: 630 953-9928 ax: 630 953-9938	Client Project Location					US	45	tes Inc. N, R 12E	North: 179 East: 1119 Station: 12 Offse:: 51	93171 5878.: 23+56	.45 f 20 ft 5.04			
Profile	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROODESCRIPTION		Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	
	Stiff, brown SILTY CLAY F  701.6 Soft, black ORGANIC SILTY	ILL	1	4 3 5 3	1.25 P	25									
	CLAY LOAM, trace plant ma L <sub>L</sub> (%)=46, P <sub>L</sub> (%) %Gravel=	terial - =19 :0.7	2	2 2 2 3	0.25 P	30									
	%Silt=5 %Clay=2 A-7-6	5.5 5 1 5.0 5 1 (22) 5	З	2 2 2 2	NP	23									
	Loose, brown and gray SILT LOAM, little gravel MOIST 695.2Very loose, brown and gray	Y / \$	4	0 1 2 3	NP	20									
	SANDY LOAM, little gravelWET 693.3 Very stiff, gray SILTY CLAY, trace gravel	19	5	3 6 8 8	3.50 P	20									
		15													
Be <sub>i</sub>	GENE	25_ RAL NO	OTES	6					WATE	ER LEVE	L D	AT	A		
	gin Drilling 11-24-2010		olete D			1-24			While Drilling	¥			0 ft		
Dri	illing Contractor WT iller R&J Logger illing Method 3.25" IDA HSA;	B. Wi			ecked		C. N	larin	At Completion of Drilling Time After Drilling Depth to Water The stratification lines repetiveen soil types: the ac	NA NA NA resent the app	noxim	ate b	0 ft oundary	/	

**BORING LOG PBB-05** 

WEI Job No.: 201-40-01

Datum: NGVD

Elevation: 703.31 ft North: 1793171.45 ft

Wang Engineeri

Wang Engineerin **BORING LOG PBB-06** Datum: NGVD Elevation: 701.82 ft North: 1793214.47 ft East: 1115879.42 ft Station: 123+98.53 Offset: 55.67 RT WEI Job No.: 201-40-01 wangeng@wangeng.com 1145 N Main Street Client McDonough Associates Inc. Lombard, IL 60148 Telephone: 630 953-9928 Fax: 630 953-9938 Project US 45 ORLAND PARK, T 36N, R 12E ec 0.0 %

ا ه	5	_	Ŋ,	S	in es		e 8		5		_	[Š 2]	in (e		
Profile	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Out (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ff)	Sample Type	SPT Values (blw/6 in)	Qu (tsf)	
	Medium dense, brown SILTY LOAM FILL-	_	X	1	3 4 7 7	NP	18								
Ī	Very stiff to hard, dark brown and black SILTY CLAY, trace plant material	- k	X	2	3 4 5 6	4.00 P	20								
	gas a	5_	X	3	5 5 6 8	3.00 P	28								
	Soft to medium stiff, brown and gray SILTY CLAY Organic Content=4.0%	-	X	4	2 2 2 3	0.25 P	30								
	691.7	10_	X	5	1 2 2 2	0.50 P	21								
	Very stiff, gray SILTY CLAY, trace gravel  689.8  Boring terminated at 12.00 ft	-	X	6	3 4 6 8	2.50 P	16								
		15													
GENERAL NOTES										WATER LEVEL DATA					
Begin Drilling 11-24-2010 Complete Drilling 11-24-2010										While Drilling					
Drilling Contractor WTS Drill Rig B-57 TMR										At Completion of Drilling	<u>v</u>		DRY		
Dril	ller R&J Logger I	B. W	ilso	n	Ch	ecked	by (	C. N	larin	Time After Drilling NA					
Dril	lling Method 3.25" IDA HSA; Bor	ing	bac	kfil	led u	pon	com	plet	ion	Depth to Water	NA				
										The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.					

For retaining wall key plan see sheet 1. For typical wall details see sheet 2. See individual wall sheets for boring locations.



D160F05-SHT-Boring15.dgn

USER NAME = Anthony_Plutz	DESIGNED - WEI	REVISED -
	CHECKED - JCE	REVISED -
PLOT SCALE = 0:2.00 ':' / in.	DRAWN - JDK	REVISED -
PLOT DATE = 3/12/2013	CHECKED - JCE	REVISED -