Wang Engineering

Client

Project

wangang@wangeng.com 1145 N Main Street Lombard, IL 60148 Telepnone: 630 953-9928 Fax: 630 953-9938 BORING LOG PBB-10
WEI Job No.: 201-40-01
McDonough Associates Inc.

US 45

ORLAND PARK, T 36N, R 12E

Datum: NGVD Elevation: 701.09 ft North: 1793400.87 ft East: 1115873.93 ft Station: 125+86.04 Offset: 64.03 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	
700.1	12-inch thick, black SILTY CL LOAMTOPSO Stiff to very stiff, black, brown a		X	1	2 3 4 5	3.00 P	19									
41 、	gray CLAÝ LOÁM to ŚILTY LOAM, organic traces	-	X	2	4 4 4 6	2.00 P	33									
695.3	Coff harmy area and blank	5_	X	3	2 4 3 5	1.00 P	28									
693.3	Soft, brown, gray and black CLAY, trace ORGANICS		XI	4	2 1 2 2	0.25 P	29									
4	Soft, brown and gray SANDY CLAY LOAM Organic Content=6.4%	10_	X	5	1 1 1 3	0.25 P	24									
	Medium stiff to stiff, gray SILT CLAY	<u> </u>	X	6	2 3 2 3	0.75 P	17									
687.1		-	X	7	2 4 5 5	1.75 P	21									
	Boring terminated at 14.00 ft	15														
Begin Dr	GENER	25_ COm					12-03	-20	10	WATEI While Drilling	R LEVE	L D		A 0 ft		
Orilling (Oriller Orilling N		F. B	_	а	Orill Rig Cho led u	ecked		C. N	larin	At Completion of Drilling Time After Drilling Depth to Water The stratification lines represent the second	NA NA sent the appal transition	oʻoxim may b	9.0 ate b		· · · · · · · · · · · · · · · · · · ·	

	Wang Engineering			ВС	PRII	NG	LC)G F	PBB-13		01.00			Page	1 of 1			
l l	wangeng@wangeng.com 1145 N Main Street .ombard, IL 60148 Telephone: 630 953-9928 Fax: 630 953-9938	Client Project Location	oject US 45									Datum: NGVD Elevation: 701.53 ft North: 1793487.12 ft East: 1115874.21 ft Station: 126+72.91 Offse:: 69.17 RT						
Profile	SOIL AND ROCK DESCRIPTION	Depth (ft)		Sample No. SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROC DESCRIPTION		Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)			
	12-inch thick very stiff dark		N /	- 1	1	1		I			1	1	l l	1				

levation (ft)	SOIL AND ROCK	th	eny e	alues 3 in)	7.0	ure it (%)	<u>e</u>	tion	SOIL AND ROCK	(5.	Type	e No.		Ī
Elevation (ft)	DESCRIPTION	Depth (ft) Sample Type	Sample No	SPT Values (blw/6 in)	Ou (tsf)	Moisture Content (%)	Profile	Elevation (ft)	DESCRIPTION	C Depth	Sample Typ	Sample No. SPT Values (blw/6 in)	Ou (tsf)	
<u>70</u> 0.	12-inch thick, very stiff, dark sbrown CLAY LOAMTOPSOIL- Stiff, brown and black SILTY	=/-	1	2 4 4 6	2.75 P	23								ĺ
	CLAY, trace ORGANICS	1	2	4 4 3 5	1.25 P	34								
	L _L (%)=55, P _L (%)=27- %Gravel=0.1- %Sand=2.2- %Silt=61.7-	- 5_	3	3 4 5 6	1.00 P	35								
694.	%Clay=36.1- A-7-6 (32)- Very soft, brown and gray CLAY trace ORGANICS	:J)	4	1 2 2 2	< 0.25 P	43								
692.		10_	5	0 0 0 0	< 0.25 P	68								
690.	_2 Medium stiff to very stiff, brown and gray SILTY CLAY	1	6	0 0 0	< 0.25 P	32								
	3 7	1	7	0 4 5 6	0.75 P	23								
685.		15	8	2 3 5 8	2.50 P	20								
	Boring terminated at 16.00 ft													
		-												
		25_												
	GENERA									R LEVE	L D			
-	Drilling 12-02-2010 Contractor WTS	Compl		illing Drill Rig		12-02 D-5	2-20° 0 AT		While Drilling At Completion of Drilling	<u> </u>		DRY DRY		
Driller Drilling	K&K Logger Method 3.25" IDA HSA; Boi	F. Bo	zga	Ch	ecked	-		larin	Time After Drilling Depth to Water	NA NA				
- IIIII IG	3.23 IDA 115A; BOI	my ba	aGKII	neu u	ihoi1	COIN	pieti	OII.	The stratification lines reprobetween soil types; the actu		oroxima may be	ite bounda gradual.	ry	

| BORING LOG PBB-15 | | Deturn: NGVD | Elevation: 701.18 ft | North: 1793549.23 ft | East: 1115888.43 ft | Station: 1274.57.8 | Contact | Contact

Medium dense, gray CRUSHED STONE (stone size up to 5-inch) -FILL- -F	Profile	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Ou (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ff)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	
Medium stiff to very stiff, black SILTY CLAY, trace plant material -ORGANIC - 5	4 A A	STONE (stone size up to 5-inch)) _	X	1	6 7 8	NP										
-ORGANIC- 5 3 3 4 5 0.50 32 7 1 0.50 33 7 1 0.50 33 7 7 1 1 0.50 35 7 1 0 1 1 1 0.50 35 7 1 1 1 1 1 1 1 1 1	4.4		-	XI	2	5 4 3 4		39									
Soft, brown and gray CLAYWET SPOON				X	3	2 3 4 5		32									
WET SPOON			-	X	4			33									
trace gravel trace gravel The second secon			-	\bigvee	5	0		35									
GENERAL NOTES WATER LEVEL DATA			-	X	6	3 5 6 7		23									
GENERAL NOTES WATER LEVEL DATA			15														
GENERAL NOTES WATER LEVEL DATA			-														
GENERAL NOTES WATER LEVEL DATA			20														
			25_														
			LΝ	ОТ	ES	;				•	WATER		L D				
Begin Drilling 11-24-2010 Complete Drilling 11-24-2010 While Drilling	Drill Drill	ling Contractor WTS ler R&J Logger	B. W	/ilsc	on	Drill Rig	g ecked	B-5 by	7 TN C. N	/IR Iarin	At Completion of Drilling Time After Drilling Depth to Water	NA NA		6.0	0 ft		

No

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



D160F05-SHT-Boring16.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 -

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	