Finance Department
Fifty Raupp Blvd.
Buffalo Grove, IL 60089-2198
Phone 847-459-2500
Fax 847-459-7906

Bernard Drive Contract 1 Project Addendum #1

ΓO: Prospective Respondents and Other Interested Parties									
FROM:	The Village of Buffalo Grove Finance Department								
ISSUE DATE:	November 3, 2023								
SUBJECT:	ADDENDUM #1								
Note:	This Addendum is hereby declared a part of the original bid and contract documents and in case of conflict, the provisions in the following Addendum shall govern.								
The following change Bernard Drive Contra	s and clarifications shall be made to the Bid Documents for the act 1 Project.								
Q1. Are there any soil	borings available for the project for the contractors to review?								
A1 . Yes, the soil boring below.	logs and location map for Bernard Drive Contract 1 Project are attached								
	E RESPONDENTS ARE TO ACKNOWLEDGE RECEIPT OF E #1. AND SHALL INCLUDE AND NOTE THIS ADDENDUM IN DNSE.								
RESPONDE.	NT:								
SIGNED:	DATE:								
TITLE:									



Corporate Office

360 S. Main Place, Carol Stream, IL 60188-2404 630.462.2600 • Fax 630.653.2988

Local Offices:

457 E. Gundersen Drive, Carol Stream, IL 60188-2492 630.653.3920 • Fax 630.653.2726

650 N. Peace Road, Suite D, DeKalb, IL 60115-8401 815.748.2100 • Fax 815.748.2110

1350 TriState Parkway, Unit 122, Gurnee, IL 60031-9135 847.249.6040 • Fax 844.767.4721

2235 23RD Avenue, Rockford, IL 61104-7334 815.394.2562 • Fax 815.394.2566

203 Earl Road, Suite A, Shorewood, IL 60404-9446 815.744.1510 • Fax 815.744.1728

Roadway Geotechnical Report

Bernard Drive Improvements

Arlington Heights to Buffalo Grove Roads

Sta. 10+70 to 85+40

Buffalo Grove, Illinois

Geotechnical & Environmental Engineering

Construction Materials Engineering & Testing

Laboratory Testing of Soils, Concrete & Asphalt

Geo-Environmental Drilling & Sampling

Prepared For:

Christopher B. Burke Engineering 9575 West Higgins Road, Suite 600 Rosemont, IL 60018



	PROJECT	Bei	rnard	Dr. Ir	nprov	ement	ts, Arli	ngton	Height	s to Buffalo Grove Rds, Buffalo Grove, IL			
	CLIENT	Ch	ristop	her E	3. Bur	ke Enç	gineeri	ing, Ltd	i., 9575	5 West Higgins Road, Rosemont, IL			
	BORING	21			DAT	E STAR	TED _	11-23-	21	DATE COMPLETED 11-23-21 JOB L-93,352			
	GROUND END OF B	ORIN	_	69	'ATION 3.5 3.5	S				WATER LEVEL OBSERVATIONS ▼ WHILE DRILLING			
	CH ÆRY									▼ 24 HOURS			
0 —	LENGTH RECOVERY	SAN NO.	//PLE TYPE	N	WC	Qu	Υ _{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS			
U								0.5	693.0	61/4" Bituminous Concrete			
_								1.1	692.4	7" Crushed Stone Base			
-		1	МС		17.9	4.5+*	114	3.0	690.5	FILL - Brown, black and gray silty CLAY, little sand and gravel, trace organic, moist (CL)			
- 5—		2	МС		10.1					Brown silty SAND, little gravel, moist (SM)			
5—								5.5	688.0				
-		3	MC		17.6					Brown and gray clayey SILT, little sand, trace gravel, moist to very moist (ML)			
10 —		4	МС		13.7								
										End of Boring at 10.0'			
-										 * Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. 			
-	-									MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig			
- 15 —													
-	_												
_	_												
-	_												
_	-												
20 — DRILL	RIG NO.	390	1	ı	approxi	mate bou	ndaries b	posits reprotessed between so be gradua	oil types;	ı			

PROJECT Bernard Dr. Improvements, Arlington Heights to Buffalo Grove Rds, Buffalo Grove, IL CLIENT Christopher B. Burke Engineering, Ltd., 9575 West Higgins Road, Rosemont, IL 22 **BORING** DATE STARTED 11-23-21 DATE COMPLETED 11-23-21 JOB L-93,352 **ELEVATIONS** WATER LEVEL OBSERVATIONS f V WHILE DRILLING 692.0 Dry **GROUND SURFACE END OF BORING** 682.0 AT END OF BORING Dry 24 HOURS LENGTH RECOVERY **SAMPLE** γ_{DRY} DEPTH WC ELEV. SOIL DESCRIPTIONS Qu TYPE NO. 61/4" Bituminous Concrete 691.5 0.5 6" Crushed Stone Base 1.0 691.0 MC 20.1 4.5+* 109 FILL - Brown, black and gray silty CLAY, little sand, trace gravel, trace organic, moist (CL) 689.0 3.0 MC 21.2 4.25* Hard brown trace gray silty CLAY, little sand, trace gravel, moist (CL) MC 18.2 4.5+* MC 19.9 4.5+* End of Boring at 10.0' Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig 15 DRILL RIG NO. 390

ISC 93352.GPJ TSC_ALL.GDT 1/6/22

DISTANCE BELOW SURFACE IN

	CLIENT			ner B						5 West Higgins Road, Rosemont, IL
	BORING	<u>23</u>				E STAR	TED	11-24-	21	DATE COMPLETED 11-24-21 JOB L-93,352
	GROUND		_	689		5				WATER LEVEL OBSERVATIONS ▼ WHILE DRILLING
	END OF B Z		IG _	679	9.0					
	LENGTH RECOVERY	SAN	MPLE TYPE	N	wc	Qu	γ _{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
		110.	1111					0.5	600 5	61/4" Bituminous Concrete
_	* * * * * * * * * * * * * * * * * * *				40.0				688.5	8" Crushed Stone Base
		A 1	MC		19.3	4.5+*	111	1.2	687.8	FILL - Brown, black and gray silty CLAY, little
_		В	IVIC		17.4	2.75*		2.0	687.0	sand, trace gravel, trace organic, moist (CL)
_		2	МС		19.1	2.75*				Very stiff brown trace gray silty CLAY, little sand and gravel, moist (CL)
_		3	МС		13.1	2.75*				
_		4	MC		18.6	3.0*		8.0	681.0	Very stiff brownish-gray silty CLAY, little sand and gravel, moist (CL)
										End of Boring at 10.0'
										* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.
_										MC = Continuous Macro-core samples (1.5" diam. using ATV GeoProbe rig
_										

	PROJEC	СТ	Bei	rnard	Dr. In	nprov	ement	ts, Arli	ngton	Heights	s to Buffalo Grove Rd	s, Buffalo (Grove, IL	TSC
	CLIENT		Chi	ristop	her B	. Bur	ke Enç	gineer	ing, Ltd	l., 9575	West Higgins Road,	Rosemont,	IL	
	BORING	3	24			DAT	E STAR	TED _	11-24-	21	DATE COMPLETED	11-24-21	JOB	L-93,352
	GROUN	D S	SURF	ACE	ELEV	ATION 5.0	S				$oldsymbol{\mathbb{V}}$ While drilling	WATER L	EVEL OBS Dry	SERVATIONS
	END OF	ВС	DRIN	G _	67	5.0					\bigvee AT END OF BORING		Dry	
	:::	ERY									▼ 24 HOURS			
•	LENGTH	RECOV		//PLE TYPE	N	wc	Qu	γ _{DRY}	DEPTH	ELEV.	SOII	L DESCRIPTION	ONS	
0 —	<u> </u>								0.5	684.5	6½" Bituminous Co	oncrete		
_									1.0		6" Crushed Stone	Base		
_			1	МС		23.1	2.5*	103			FILL - Brown, blac sand, trace gravel,	k and gray s trace organ	ilty CLAY ic, moist	′, little (CL)
_									3.0	682.0				
-			2	МС		25.0	2.0*							
5—											Stiff to very stiff bro sand, trace gravel,	own trace gr moist (CL)	ay silty C	LAY, little
_		\	3	MC		22.3	2.0*		8.0	677.0				
-			4	МС		18.1	4.5+*			6.1.10	Hard brown and gr gravel, moist (CL)	ay silty CLA	Y, little sa	and and
10 —											End of Boring at 1	10.0'		
_											* Approximate un based on measi pocket penetron	confined cor urements wit	mpressive th a calib	e strength rated
-											MC = Continuous I using ATV G	Macro-core seoProbe rig	samples ((1.5" diam.)
_														
15 —														
_														
_														
_														
-	-													
20 —		Ш				 Division	l i lines be	 tween de	posits rep	resent				

PROJECT Bernard Dr. Improvements, Arlington Heights to Buffalo Grove Rds, Buffalo Grove, IL CLIENT Christopher B. Burke Engineering, Ltd., 9575 West Higgins Road, Rosemont, IL 25 JOB **BORING** DATE STARTED 11-24-21 DATE COMPLETED 11-24-21 L-93,352 **ELEVATIONS** WATER LEVEL OBSERVATIONS f V WHILE DRILLING 686.0 Dry **GROUND SURFACE END OF BORING** 676.0 AT END OF BORING Dry 24 HOURS LENGTH RECOVERY **SAMPLE** γ_{DRY} DEPTH WC ELEV. Qu SOIL DESCRIPTIONS TYPE NO. ±6" Bituminous Concrete 685.5 0.5 8" Crushed Stone Base 25.1 2.5* 100 1.2 684.8 FILL - Black and gray silty CLAY, little sand, trace MC gravel, trace organic, moist (CL) 2.0 684.0 24.6 2.75* Very stiff brown and gray silty CLAY, little sand, trace gravel, moist (CL) 683.0 3.0 MC 18.7 4.5+* Hard brown trace gray silty CLAY, little sand and gravel, moist (CL) MC 19.0 4.5+* MC 18.3 | 4.5+* End of Boring at 10.0' Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig

ISC 93352.GPJ TSC_ALL.GDT 1/6/22

15

DISTANCE BELOW SURFACE IN

GROUND SURFACE END OF BORING 692.0 682.0 SAMPLE N WC Qu YDRY DEPTH ELEV. SOIL DESCRIPTIONS 691.0 691.0 FILL - Brown SAND, moist (SP) SAMPLE 1 MC 1 MC 18.8 3.25° 3 MC 19.8 3.75° WHILE DRILLING Dry AT END OF BORING N SOIL DESCRIPTIONS 694.8 694.8 FILL - Brown SAND, moist (SP) Very stiff to hard brown trace gray silty CLAY, I sand and gravel, moist (CL) End of Boring at 10.0' Approximate unconfined compressive streng based on measurements with a calibrated pocket penetrometer.		PROJECT									s to Buffalo Grove Rds, Buffalo Grove, IL
GROUND SURFACE 692.0 ▼ WHILE DRILLING FOR SURFACE 692.0 ▼ AT END OF BORING SOIL DESCRIPTIONS 1 MC 4.8 4.8 9.0 1 MC 4.8 3.25* 10 4 MC 17.7 4.5** End of Boring at 10.0' * Approximate unconfined compressive streng based on measurements with a calibrated pocket pentormeter. MC = Continuous Macro-core samples (1.5* dia using ATV GeoProbe rig)		CLIENT	Ch	ristop	her E	3. Bur	ke Enç	gineer	ing, Ltd	I., 9575	West Higgins Road, Rosemont, IL
SAMPLE NO. TYPE N WC Qu YDRY DEPTH ELEV. SOIL DESCRIPTIONS SAMPLE NO. TYPE N WC Qu YDRY DEPTH ELEV. SOIL DESCRIPTIONS 1 MC 4.8 3.25* 3 MC 19.8 3.75* Very stiff to hard brown trace gray silty CLAY, I sand and gravel, moist (CL) End of Boring at 10.0' Approximate unconfined compressive streng based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" did using ATV GeoProbe rig		BORING	26	<u> </u>		DAT	E STAR	TED _	11-24-	21	DATE COMPLETED 11-24-21 JOB L-93,352
Soll Descriptions Sample N WC Qu YDRY DEPTH ELEV. Soll Descriptions		END OF B	ORIN	-	69	2.0	S				
1 MC 4.8 1 MC 4.8 3.0 689.0 1 MC 4.8 3.0 689.0 1 MC 4 MC 4.5+* End of Boring at 10.0' Approximate unconfined compressive streng based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" dia using ATV GeoProbe rig		3TH OVERY	CAN	ADI E							<u> </u>
1 MC 4.8 1 MC 4	n —	LENC	NO.	1	N	WC	Qu	γ _{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
1 MC 4.8 1.0 691.0 FILL - Brown SAND, moist (SP) 3.0 689.0 Very stiff to hard brown trace gray silty CLAY, I sand and gravel, moist (CL) End of Boring at 10.0' Approximate unconfined compressive streng based on measurements with a calibrated pocket penetromeent. MC = Continuous Macro-core samples (1.5" dia using ATV GeoProbe rig	Ü								0.6	691.4	
Solution of the state of the st	-		1	MC		4.8					
3 MC 19.8 3.75* sand and gravel, moist (CL) 4 MC 17.7 4.5+* End of Boring at 10.0' * Approximate unconfined compressive strend based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" dia using ATV GeoProbe rig	5-		2	MC		18.8	3.25*		3.0	689.0	
End of Boring at 10.0' * Approximate unconfined compressive streng based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" dia using ATV GeoProbe rig	-		3	MC		19.8	3.75*				Very stiff to hard brown trace gray silty CLAY, little sand and gravel, moist (CL)
End of Boring at 10.0' * Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" dia using ATV GeoProbe rig	- 10 —		4	МС		17.7	4.5+*				
based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" dia using ATV GeoProbe rig											End of Boring at 10.0'
using ATV GeoProbe rig	-										based on measurements with a calibrated
-	-										MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig
	-										
	15 —										
	-										
	-										
	-										
20 Division lines between deposits represent	20 —					<u></u>					

											s to Buffalo Grove Rds, Buffalo Grove, IL
	CLIENT		27		ner E						West Higgins Road, Rosemont, IL DATE COMPLETED 11-24-21 JOB L-93,352
	BORING	5			FLEV	_ DAT 'ATION	E STAR S	IED _	11-24-	-21	DATE COMPLETED 11-24-21 JOB L-93,352 WATER LEVEL OBSERVATIONS
	GROUN	ID S	SURI	FACE		9.5	J				▼ WHILE DRILLING Dry
	END OF	ВС	ORIN	IG _	679	9.5					
		RY									▼ 24 HOURS
	LENGTH	RECOVERY		MPLE TYPE	N	wc	Qu	γ _{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
0 —	<u></u>	П							0.5	000.0	6" Bituminous Concrete
_									0.5 0.9	689.0 688.6	5" Crushed Stone Base
-			1	МС		17.4	4.5+*				
5 —			2	МС		18.4	4.5+*				Hard brown trace gray silty CLAY, little sand and gravel, moist (CL)
-			3	MC		17.7	4.5+*				
10 —			4	МС		17.0	4.5+*				
-											End of Boring at 10.0' * Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig
15 —	_										
-											
20 —	RIG NO.					Divisior	n lines be	tween de	posits representation	resent	

CLIENT	Ch	ristop	her E	B. Bur	ke Enç	gineeri	ing, Ltd	l., 9575	West Higgins Road,	Rosemont,	IL	
BORING	28			DAT	E STAR	TED _	11-26-	21	DATE COMPLETED	11-26-21	JOB	L-93,352
				'ATION	S					WATER LE	EVEL OBS	SERVATIONS
GROUND	SURF	ACE _	680						▼ WHILE DRILLING		Dry	
END OF B		_	670	6.5							Dry	
I SRY									▼ 24 HOURS			
INGT	SAN	//PLE	N	WC	Qu	γ _{DRY}	DEPTH	ELEV.	SOII	L DESCRIPTIC)NS	
	NO.	TYPE							7" Bituminous Con			
							0.6	685.9				
							1.5	685.0	11" Crushed Stone	e Base		
	1	MC		18.9	4.0*		1.0	000.0	Hard brown silty C moist (CL)	LAY, little sa	nd and g	ıravel,
							3.0	683.5				
V	2	мс		15.5	1.5*				Stiff brown trace gravel, moist to ve	ray silty CLA` rv moist (CL	Y, little s)	and and
									3	, (-	,	
							5.5	681.0				
	3	MC		17.8	4.5+*							
									Hard brown and gr gravel, moist (CL)	ay silty CLA	Y, little s	and and
				l								
	4	MC		17.4	4.5+*							
									End of Boring at 1	0.0'		
									* Approximate un based on measi	urements witl	npressive h a calib	e strength rated
									pocket penetron			,, <u>-</u>
									MC = Continuous I using ATV G	Macro-core s eoProbe rig	amples	(1.5" diam.)

DRILL RIG NO. 390

DISTANCE BELOW SURFACE IN FEET

TSC 93352.GPJ TSC_ALL.GDT 1/6/22

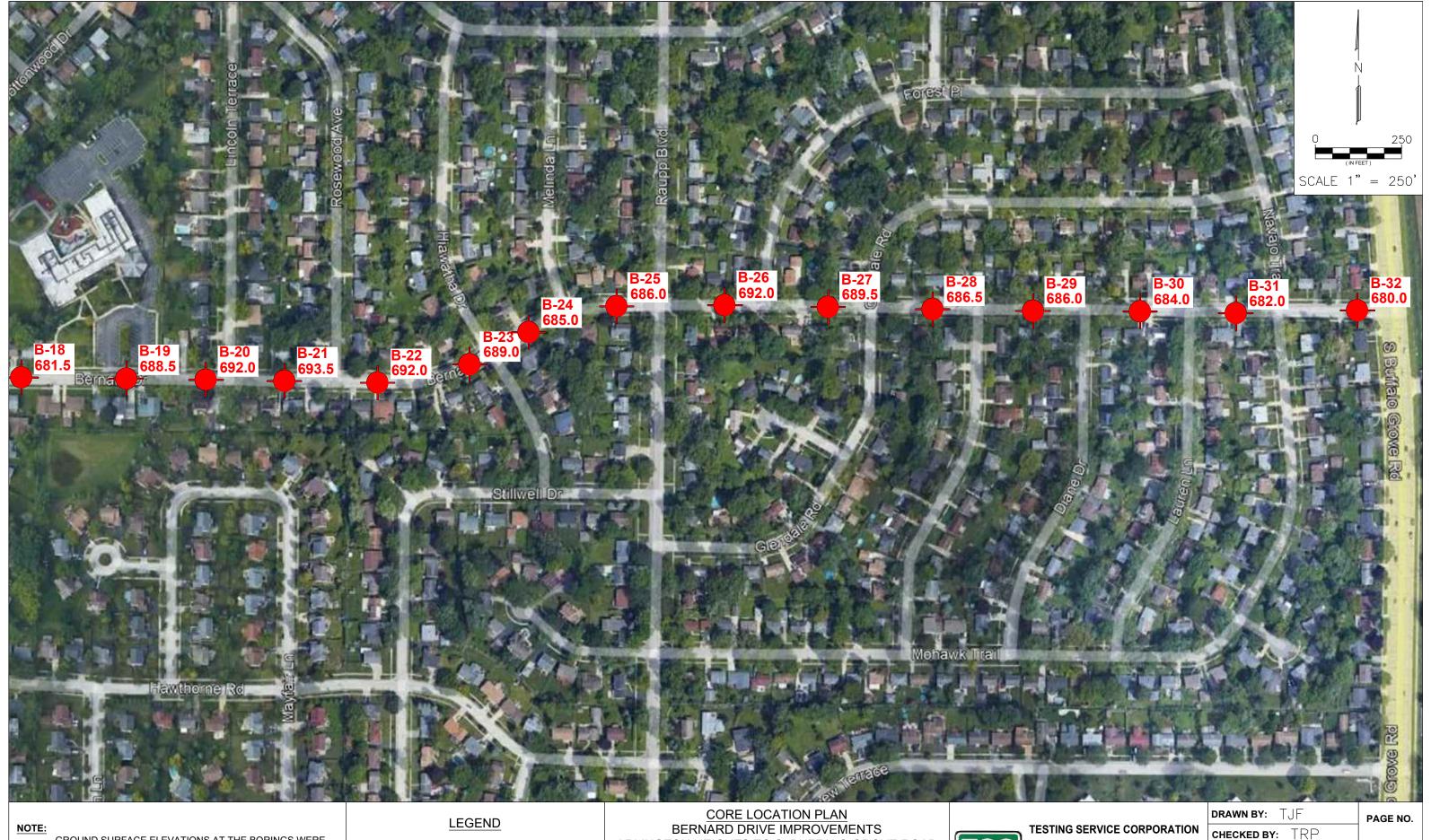
Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

	CLIENT	Ch	ristop	her B	. Bur	ke Eng	jineeri	ng, Ltd	I., 9575	West Higgins Road,	Rosemont,	IL	
	BORING	29			DAT	E STAR	TED _	11-26-	21	DATE COMPLETED	11-26-21	JOB	L-93,352
	ODOLIND.	OLIDI	-405		ATION	S				WATER LEVEL OBSERVATIONS			
	GROUND :		_	686						▼ WHILE DRILLING✓ AT END OF BORING		Dry Dry	
			_	<u> </u>	J.U					▼ 24 HOURS			
	3TH OVER	CAN	4DL E				I						
	LENGTH RECOVERY	NO.	//PLE TYPE	N	WC	Qu	γ _{DRY}	DEPTH	ELEV.	SOIL	DESCRIPTIO	NS	
	đi l							0.5	685.5	61/4" Bituminous Co	oncrete		
_	*****							0.5	005.5	12" Crushed Stone	Base		
		1	MC		25.4	3.0*		1.5	684.5				
_		•			20.1	0.0				Very stiff dark brov sand, trace gravel,	vn to brown s	ilty CLA	Y, little
_								3.0	683.0	Sanu, nace graver,	liace organic	o, moist	(CL)
-		2	мс		17.8	1.5*							
										Stiff to very stiff bro	own trace gra	y silty C	CLAY, little
_										sand and gravel, m	ioist (CL)		
		3	мс		16.5	2.0*							
_								8.0	678.0				
										Very stiff brown an	d aray silty C	·I AV litt	tle sand
-		4	мс		20.2	2.25*				trace gravel, moist	(CL)	, LA I , IIII	iie sanu,
										End of Boring at 1	0.0'		
_	-									* Approximate un	confined com	pressiv	e strength
_										based on measu pocket penetron		n a calib	rated
										MC = Continuous I	Macro-core s	amples	(1.5" diam.)
-	-									using ATV G	eoProbe rig	•	,
_													
	-												
_													
_													
-													

	PROJECT	Ber	nard	טr. In	nprov	ement	s, Arii	ngton	Heights	s to Buffalo Grove Rds, Buffalo Grove, IL
	CLIENT	Chr	ristop	her B	. Bur	ke Eng	jineeri	ng, Ltd	I., 9575	West Higgins Road, Rosemont, IL
	BORING	<u>30</u>			DAT	E STAR	TED	11-26-	21	DATE COMPLETED
	GROUND :		-	684 674		S 				WATER LEVEL OBSERVATIONS ▼ WHILE DRILLING
	LENGTH RECOVERY	SAM	1PLE	N	WC	0	γρον	DEPTH		
0 —	L A A E E E E E E E E E E E E E E E E E	NO.	TYPE	N	WC	Qu	*DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.6	683.4	71/4" Bituminous Concrete
_					00.0	0.0*		1.4	682.6	10" Crushed Stone Base
-		1	MC		20.2	2.0*		3.0	681.0	Stiff to very stiff dark brown to brown silty CLAY, little sand, trace gravel, trace organic, moist (CL)
								3.0	001.0	
5-		2	MC		18.5	4.5+*				
-	V	3	МС		18.0	4.5+*				Hard brown trace gray silty CLAY, little sand and gravel, moist (CL)
10 —		4	МС		17.6	4.5+*				
										End of Boring at 10.0'
-										 Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.
-										MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig
-										
15 —										
_	-									
-	-									
-										
_										
00										
20 — DRILL	RIG NO. 3	90			approxi	mate bou	ndaries b	posits repretween so be gradua	oil types;	

	PROJECT	Be	rnard	Dr. Ir	nprov	ement	s, Arli	ington	Height	s to Buffalo Grove Rds, Buffalo Grove, IL
	CLIENT	Ch	ristop	her E	B. Bur	ke Enç	gineer	ing, Ltd	d., 9575	West Higgins Road, Rosemont, IL
	BORING	<u>31</u>			DAT	E STAR	TED _	11-26-	-21	DATE COMPLETED 11-26-21 JOB L-93,352
	GROUND END OF B		_		'ATION 2.0 2.0	S				 WATER LEVEL OBSERVATIONS ▼ WHILE DRILLING Dry Dry Dry
	I JRY									▼ 24 HOURS
0 —	LENGTH	SAN	MPLE TYPE	N	wc	Qu	γ _{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
U								0.6	681.4	71/4" Bituminous Concrete
-										10" Crushed Stone Base
-		1	MC		19.3	4.5+*		1.4	680.6	
5—		2	MC		17.7	4.5+*				Hard brown trace gray silty CLAY, little sand and gravel, moist (CL)
_		Α			18.8	4.5+*				
_		3 B	MC		30.1			7.0	675.0 674.0	Brown clayey SAND, little gravel, moist (SC)
10-		4	MC		15.2			8.0	674.0	Brown silty SAND, little gravel, moist (SM)
10 —										End of Boring at 10.0'
-	-									* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.
_										MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig
- 15 —										
-										
_										
-										
-										
20 — DRILL	RIG NO.	390	•	•	approxi	mate bou	ndaries b	posits reposits repositive	oil types;	

	PROJECT	Ber	rnard	Dr. In	nprov	ement	s, Arlı	ngton	Height	s to Buffalo Grove Rds, Buffalo Grove, IL			
	CLIENT	Chi	ristop	her E	B. Bur	ke Eng	jineeri	ing, Ltd	i., 9575	5 West Higgins Road, Rosemont, IL			
	BORING	32			DAT	E STAR	TED _	11-26-	21	DATE COMPLETED 11-26-21 JOB L-93,352			
	GROUND S END OF BO		_	680 670		S				WATER LEVEL OBSERVATIONS ▼ WHILE DRILLING			
	LENGTH RECOVERY	— т	IPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS			
0 —		NO.	IIFL					0.5	679.5	±6½" Bituminous Concrete			
_	*****							0.5	679.5	10" Crushed Stone Base			
-		1	МС		24.1	2.75*		1.4	678.6				
5—		2	MC		24.9	2.5*			0745	Very stiff dark brown to brown silty CLAY, little sand, trace gravel, trace organic, moist (CL)			
-		3	МС		16.4	4.5+*		5.5	674.5	Hard brown trace gray silty CLAY, little sand and gravel, moist (CL)			
10 —		4	МС		19.3	4.5+*							
										End of Boring at 10.0'			
_										 Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. 			
_										MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig			
-													
15 —													
_													
-													
-													
20 —					Division	lines bet	ween de	posits rep	resent				
DRILL	RIG NO3	390	_		approxi	mate bou	ndaries b	etween so be gradua	oil types;				



GROUND SURFACE ELEVATIONS AT THE BORINGS WERE ACQUIRED BY TSC USING A TRIMBLE R8S GNSS RECEIVER, BEING ROUNDED TO THE NEAREST 0.5 FOOT.



CORE LOCATION PLAN
BERNARD DRIVE IMPROVEMENTS
ARLINGTON HEIGHTS TO S. BUFFALO GROVE ROAD
SECTION NO 20-00108-00-RS
BUFFALO GROVE, ILLINOIS



ESTING SERVICE CORPORATION 457 EAST GUNDERSEN DRIVE CAROL STREAM, ILLINOIS 60188

DRAWN BY: TJF	PAGE NO.
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