APPENDIX B:

SOIL BORINGS – RENNEBOHM PARK

Kane, Kathleen

Caution: This email was sent from an external source. Avoid unknown links and attachments.

At your request, CGC completed four soil borings where park improvements are planned in Rennebohm Park. We understand that playground equipment is being replaced in 2022 near where Borings 3 and 4 were drilled. Furthermore, the tennis courts will be replaced, with the west set in 2022 and the east set in 2023 or 2024. Borings 1 and 2 where drilled along the north edge of each set of courts. We understand that construction of the courts will involve asphalt/base course removal, followed by pavement section reconstruction and new perimeter fencing. The soil borings were done by Soil Essentials (under subcontract to CGC) on February 4, 2022 at locations selected by City of Madison personnel (location map attached), with the borings field staked by CGC. The soil profile at each boring location is fairly consistent and involves about 5 to 9-in. of topsoil, over 2 to 8.5 ft of fill, over medium dense to very dense native sands that generally contain some silt and gravel with scattered cobbles/boulders. The native sands extend to the maximum depths explored at each boring location. Regarding the fill, it is comprised of reasonably firm soils involving a mix of medium stiff to hard clays and/or loose to medium dense sands. Note that some of the upper portion of the sands in B-1 are considered possible fill. Groundwater was not encountered within the drilling depths during and/or shortly after drilling completion. Note that water levels can vary depending upon precipitation, nearby lake levels and other factors. More specific details at each boring location are provided on the attached soil boring logs.

In our opinion, with the exception of the softer clay fill encountered at Boring 2 with depth near 3.5 ft +/-, the observed fill or native sands at a minimum 4 ft (for frost protection) are acceptable for footings designed for a maximum design soil bearing pressure of 2500 psf. Foundations should be a minimum 30-in. square (or equivalent surface area for circular elements) for column pads. Footing subgrades should be cut with a smooth-edged bucket to minimize disturbance and loose/soft spoils removed from the excavation. The softer clays referred to above at B-2 should be removed to a depth of 5 ft to expose the sands. Similarly, if loose/soft soils are encountered elsewhere, they too should be undercut. We recommend that replacement material be clear stone that is compacted in lifts until deflection ceases. Similarly, shafts (if drilled – likely for the perimeter fencing) should not have soft clays or loose sands at the base and be cleaned of potential loose soils that could remain from the drilling operation. Provided that the above recommendations are implemented , it is our opinion that potential settlements will not exceed typical tolerable levels of 1-in. total and 0.5-in. differential.

Regarding the proposed pavement improvements for the tennis courts, a typical base course replacement thickness would be 10-in. for the observed clay subgrade. Subgrade preparation measures would involve proof-rolling with a heavy piece of construction equipment. If soft/loose areas are detected during proof-rolling, those soils should be removed and replaced with compacted granular soils that are densified to at least 95% compaction based on modified Proctor methods (ASTM D1557). We recommend that an allowance be established for soil improvement. Subsequently base course should be placed and compacted , followed by asphalt pavement placement that would likely be an overall thickness of 3.5-in which is placed in two lifts. We envision the pavement would be crowned to promote surface water drainage toward the edges. Additional details can be provided upon request.

We trust this brief report addresses your present needs. Please contact CGC if we can be of further service or should questions develop upon review of this transmittal. Information regarding limitations pertaining to opinions presented in this submittal is attached. Thank you.

Michael N. Schultz, P.E. President - CGC, Inc. 2921 Perry St. Madison, WI 53713 Phone: 608-288-4100 Fax: 608-288-7887 Cell: 608-712-0571 Web Site: www.cgcinc.net



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Legend ↔ Denotes Boring Location <u>Notes</u> 1. Soil borings performed by Soil Essentials in February 2022







SOIL BORING LOCATION MAP Rennebohm Park Madison, Wisconsin

Boring locations are approximate

CGC Inc.					LOG OF TEST BORINGBoring No.1ProjectRennebohm ParkSurface Elevation (ft)935Tennis Courts and PlaygroundJob No.C21051-32LocationMadison, WISheet1of				-32		
			-	292	1 Per	rry Street, Madison, WI 53713 (608) 288-4100, FAX (608)			DE		
	54	MPL	.E	-		VISUAL CLASSIFICATION	SOIL	PRC	PE	KIIE	:5
No.	T Rec P (in.)	Moist	N	Depth (ft)		and Remarks	qu (qa)	w	LL	PL	LI
	E			<u>+</u> ⊢		9 in. Dark Brown Silty TOPSOIL	(tsf)				
1	12	M	8			FILL: Mixed Stiff Brown Clay and Loose Silty Sand	(1.5)				
2	0	М	20			Medium Dense, Brown Fine to Medium SAND, Some Silt, Trace Gravel (SM - Possible Fill)	_				
3	9	M	30			Medium Dense to Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)	_				
					1.11						
4	15	M	15	⊢ ⊢ ↓ 10-							
5	16	M	26	┝─ ┝ ↓─ 15- └ ╹ ╹							
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				∟ ⊥20-		End of Doring at 20 A					
						End of Boring at 20 ft					
						Backfilled with Bentonite Chips					
			W	ATEF	R LE	EVEL OBSERVATIONS	GENERA	LNC	TES	5	
While Drilling ✓ NW Upon Completion of Drilling											

CGC Inc.					LOG OF TEST BORING Boring No. 2 Project Rennebohm Park Surface Elevation (ft) Tennis Courts and Playground Job No. C21051 Location Madison, WI Sheet 1 of Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887 288-7887			1-32		
	SA	MPL	E	_ 292		SOIL	PRO	PEF	RTIE	S
No.	T Y Rec	Moist	N	Depth	VISUAL CLASSIFICATION and Remarks	qu	w	LL	PL	LI
NO.	P (in.)	MOISC	N	(ft)		(qa) (tsf)			FL.	
1	16	M	6	⊢ ╄ <u>−</u>	5 in. Dark Brown Silty TOPSOIL FILL: Loose Brown Sand with Silt and Gravel to 2'					
1	10	IVI	6			(1.25)				
					Stiff to Soft Brown Clay with Traces Sand and Gravel to 5'					
2	12	M	4							
				⊢ ⊢ 5—		(0.5)				
				⊢ ┣─	Medium Dense, Grayish Brown Silty Fine SAND, Some Gravel, Trace Clay (SM)					
3	15	M	17							
		-		Ī						
4	14	M	13	Г	Medium Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and					
			10	F	Boulders (SM)					
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6	16	M	21	+- 						
				⊨ └── 20──	End of Boring at 20 ft					
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The stratification lines represent the approximate boundary between soil types and the transition may be gradual.										

CGC Inc. LOG OF TEST BORING Project Rennebohm Park Tennis Courts and Playground Location Madison, WI						Boring No. 3 Surface Elevation (ft) $932 \pm$ Job No.C21051-32Sheet1of1of1				
			_	292	. Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608)	1				
	SA	MPL	Ŀ		VISUAL CLASSIFICATION	SOIL	PRO	PEF	KIIE	:5
No.	Y Rec P (in.)	Moist	N	Depth (ft)	and Remarks	qu (qa)	w	LL	PL	LI
				 ⊢	8 in. Dark Brown Clayey TOPSOIL	(tsf)				
1	14	M	8		FILL: Hard to Very Stiff Brown Silty Clay with Scattered Sand and Gravel, Traces Wood Pieces	(4.5+)				
2	14	M	11			(3.0)				
3	16	M	23	⊢ ,- ⊢ └ └_ Ⅰ_	Medium Dense to Very Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)	_				
4	15	M	22	┿ ┝─ ┝─ ↓─ 10─						
5	4	M	79							
				⊨ 15– ∟	End of Boring at 15 ft					
					Backfilled with Bentonite Chips					
			 			GENERA		DTES	5	
Time Dept Dept	While Drilling VWATER LEVEL OBSERVATIONS GENERAL NOTES While Drilling Vertice Start 2/4/22 Time After Drilling Vertice Dirilling Diriller Start 2/4/22 Depth to Water Vertice Vertice Vertice Diriller Start 2/4/22 Depth to Cave in Vertice Vertice Vertice Vertice Dirill Method 2.25" HSA; Autohammer The stratification lines represent the approximate boundary between soil types and the transition may be gradual. Dirill Method 2.25" HSA; Autohammer									

	LOG OF TEST BORING Boring No. 4										
						oject Rennebohm Park	Surface El	evatior			=
						Tennis Courts and PlaygroundJob No.C21051-32DocationMadison, WISheet1 of					
					I	ocation Madison, WI	1		л 		• • • • •
	SA	MPL	E	_ 292	1 Per	rry Street, Madison, WI 53713 (608) 288-4100, FAX (608)	SOIL	PRO	PEF	RTIE	S
	T Rec			Depth	-	VISUAL CLASSIFICATION and Remarks	qu	1			
No.	P E (in.)	Moist	N	(ft)			(qa) (tsf)	W	LL	PL	LI
				 - 		6 in. Dark Brown Clayey TOPSOIL	_				
1	14	M	5			FILL: Hard Brown Silty Clay with Traces Sand and Gravel to 5'	(4.25)				
2	16	М	6	Ť F F			(4.0+)				
				<u>+</u> − 5− ⊢		Medium Dense Silty Sand with Gravel and Clay to					
3	15	M	22	<u>↓</u>		9'					
4	14	M	28	T T							
				┍─ ┝ ┝ 10-		Medium Dense to Very Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered					
						Cobbles and Boulders (SM)					
					1.11 1.11						
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so	The stratification lines represent the approximate boundary between soil types and the transition may be gradual.										

LOG OF TEST BORING

General Notes

DESCRIPTIVE SOIL CLASSIFICATION

Grain Size Terminology

Soil Fraction	Particle Size	J.S. Standard Sieve Size
Boulders	Larger than 12"	Larger than 12"
Cobbles	3" to 12"	3" to 12"
Gravel: Coarse	³ ⁄ ₄ " to 3"	³ ⁄ ₄ " to 3"
Fine	4.76 mm to ³ / ₄ "	#4 to ¾"
Sand: Coarse	2.00 mm to 4.76 mm	#10 to #4
Medium	0.42 to mm to 2.00 mm	#40 to #10
Fine	0.074 mm to 0.42 mm	#200 to #40
Silt	0.005 mm to 0.074 mm.	Smaller than #200
Clay	Smaller than 0.005 mm	Smaller than #200

Plasticity characteristics differentiate between silt and clay.

General Terminology

CGC, Inc.

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Physical Characteristics	Term	"N" Value
Color, moisture, grain shape, fineness, etc.	Very Loose	0 - 4
Major Constituents	Loose	4 - 10
Clay, silt, sand, gravel	Medium Dens	se10 - 30
Structure	Dense	30 - 50
Laminated, varved, fibrous, stratified, cemented, fissured, etc.	Very Dense	Over 50
Geologic Origin		
Glacial, alluvial, eolian, residual, etc.		

Relative Proportions Of Cohesionless Soils

Proportional	Defining Range by	Term
Term	Percentage of Weight	Very Soft.
		Soft
Trace	0% - 5%	Medium
Little	5% - 12%	Stiff
Some	12% - 35%	Very Stiff.
And	35% - 50%	Hard

Organic Content by Combustion Method

Soil Description	Loss on Ignition
Non Organic	Less than 4%
Organic Silt/Clay	4 – 12%
Sedimentary Peat	12% - 50%
Fibrous and Woody Pe	eat More than 50%

Term	q _u -tons/sq. ft
Very Soft	0.0 to 0.25
Soft	. 0.25 to 0.50
Medium	0.50 to 1.0
Stiff	1.0 to 2.0
Very Stiff	2.0 to 4.0
Hard	Over 4.0

Consistency

Plasticity

Term	Plastic Index
None to Slight	0 - 4
Slight	
Medium	8 - 22
High to Very High	Over 22

The penetration resistance, N, is the summation of the number of blows required to effect two successive 6" penetrations of the 2" split-barrel sampler. The sampler is driven with a 140 lb. weight falling 30" and is seated to a depth of 6" before commencing the standard penetration test.

SYMBOLS

Drilling and Sampling

CS – Continuous Sampling RC - Rock Coring: Size AW, BW, NW, 2"W RQD - Rock Quality Designation **RB – Rock Bit/Roller Bit** FT – Fish Tail DC – Drove Casing C - Casing: Size 2 1/2", NW, 4", HW CW – Clear Water DM – Drilling Mud HSA – Hollow Stem Auger FA – Flight Auger HA – Hand Auger COA – Clean-Out Auger SS - 2" Dia. Split-Barrel Sample 2ST – 2" Dia. Thin-Walled Tube Sample 3ST – 3" Dia. Thin-Walled Tube Sample PT – 3" Dia. Piston Tube Sample AS – Auger Sample WS - Wash Sample PTS – Peat Sample PS – Pitcher Sample NR – No Recovery S – Sounding PMT – Borehole Pressuremeter Test VS – Vane Shear Test WPT – Water Pressure Test

Laboratory Tests

qa - Penetrometer Reading, tons/sq ft q_a – Unconfined Strength, tons/sq ft W – Moisture Content, % LL – Liquid Limit, % PL - Plastic Limit, % SL – Shrinkage Limit, % LI – Loss on Ignition D – Dry Unit Weight, Ibs/cu ft

- pH Measure of Soil Alkalinity or Acidity
- FS Free Swell, %

Water Level Measurement

abla- Water Level at Time Shown NW – No Water Encountered WD – While Drilling BCR – Before Casing Removal ACR – After Casing Removal CW - Cave and Wet CM – Caved and Moist

Note: Water level measurements shown on the boring logs represent conditions at the time indicated and may not reflect static levels, especially in cohesive soils.

CGC, Inc.

Madison - Milwaukee

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART											
COARSE-GRAINED SOILS											
(more than 50% of material is larger than No. 200 sieve size)											
Clean Gravels (Less than 5% fines)											
GRAVELS More than 50% of	Ċ.	GW	Well-graded gravels, gravel-sand mixtures, little or no fines								
		GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines								
coarse fraction larger than No. 4		Gravels with fines (More than 12% fines)									
sieve size		GM	Silty gravels, gravel-sand-silt mixtures								
		GC	Clayey gravels, gravel-sand-clay mixtures								
Clean Sands (Less than 5% fines)											
SANDS 50% or more of		SW	Well-graded sands, gravelly sands, little or no fines								
		SP	Poorly graded sands, gravelly sands, littl or no fines								
coarse fraction smaller than No. 4	Sands with fines (More than 12% fines)										
sieve size		SM	Silty sands, sand-silt mixtures								
		SC	Clayey sands, sand-clay mixtures								
		FINE-0	GRAINED SOILS								
(50% or m	ore of ı	material	is smaller than No. 200 sieve size.)								
SILTS AND CLAYS Liquid limit less than 50%		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity								
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays								
		OL	Organic silts and organic silty clays of low plasticity								
SILTS AND CLAYS Liquid limit 50% or greater		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts								
		СН	Inorganic clays of high plasticity, fat clays								
		ОН	Organic clays of medium to high plasticity, organic silts								
HIGHLY ORGANIC SOILS	24 24 24	PT	Peat and other highly organic soils								

Unified Soil Classification System

LABORATORY CLASSIFICATION CRITERIA

GW	GW $C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_C = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3												
GP	٩	Not meeting all gradation requirements for GW											
GM		Atterber	0	below ' than 4	"A"	Above "A" line with P.I. between 4 and 7 are borderline cases requiring							
GC		Atterberg limts above "A" line or P.I. greater than 7											
SW $C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_C = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3													
SP Not meeting all gradation requirements for GW													
SM	SM Atterberg limits below "A" line or P.I. less than 4						Limits plotting in shaded zone with P.I. between 4 and 7 are borderline						
SC			•	above eater th		cases requiring use of dual symbols							
Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse- grained soils are classified as follows: Less than 5 percent													
					2		÷ •						
(bl) (%)							СН						
PLASTICITY INDEX (PI) (%)	~							P	A LINI 91=0.73(L				
				CL									
20													

(CL-ML) \geq

ML&OL 40

60

LIQUID LIMIT (LL) (%)

70

80

90

I. GENERAL RECOMMENDATIONS/LIMITATIONS

CGC, Inc. should be provided the opportunity for a general review of the final design and specifications to confirm that earthwork and foundation requirements have been properly interpreted in the design and specifications. CGC should be retained to provide soil engineering services during excavation and subgrade preparation. This will allow us to observe that construction proceeds in compliance with the design concepts, specifications and recommendations, and also will allow design changes to be made in the event that subsurface conditions differ from those anticipated prior to the start of construction. CGC does not assume responsibility for compliance with the recommendations in this report unless we are retained to provide construction testing and observation services. This report has been prepared in accordance with generally accepted soil and foundation engineering practices and no other warranties are expressed or implied. The opinions and recommendations submitted in this report are based on interpretation of the subsurface information revealed by the test borings indicated on the location plan. The report does not reflect potential variations in subsurface conditions between or beyond these borings. Therefore, variations in soil conditions can be expected between the boring locations and fluctuations of groundwater levels may occur with time. The nature and extent of the variations may not become evident until construction.

II. IMPORTANT INFORMATION ABOUT YOUR GEOTECHNICAL ENGINEERING REPORT

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes. While you cannot eliminate all such risks, you can manage them. The following information is provided to help.

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared *solely* for the client. *No one except you* should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. *And no one - not even you* - should apply the report for any purpose or project except the one originally contemplated.

READ THE FULL REPORT

Serious problems have occurred because those relying on a geotechnical engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

A GEOTECHNICAL ENGINEERING REPORT IS BASED ON A UNIQUE SET OF PROJECT-SPECIFIC FACTORS

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, *do not rely on a geotechnical engineering report* that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or

• completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,
- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes - even minor ones - and request an assessment of their impact. *CGC cannot accept responsibility or liability for problems that occur because our reports do not consider developments of which we were not informed.*

SUBSURFACE CONDITIONS CAN CHANGE

A geotechnical engineering report is based on conditions that existed at the time the geotechnical engineer performed the study. *Do not rely on a geotechnical engineering report* whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. *Always* contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

MOST GEOTECHNICAL FINDINGS ARE PROFESSIONAL OPINION

Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgement to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ - sometimes significantly - from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

A REPORT'S RECOMMENDATIONS ARE NOT FINAL

Do not over-rely on the confirmation-dependent recommendations included in your report. *Those confirmation-dependent recommendations are not final*, because geotechnical engineers develop them principally from judgement and opinion. Geotechnical engineers can finalize their recommendations *only* by observing actual subsurface conditions revealed during construction. *CGC cannot assume responsibility or liability for the report's confirmationdependent recommendations if we do not perform the geotechnical construction observation required to confirm the recommendations' applicability.*

A GEOTECHNICAL ENGINEERING REPORT IS SUBJECT TO MISINTERPRETATION

Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Confront that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Constructors can also misinterpret a geotechnical engineering report. Confront that risk by having CGC participate in prebid and preconstruction conferences, and by providing geotechnical construction observation.

DO NOT REDRAW THE ENGINEER'S LOGS

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

GIVE CONSTRUCTORS A COMPLETE REPORT AND GUIDANCE

Some owners and design professionals mistakenly believe they can make constructors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give constructors the complete geotechnical engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise constructors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure constructors have sufficient time* to perform additional study. Only then might you be in a position to give constructors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

READ RESPONSIBILITY PROVISIONS CLOSELY

Some clients, design professionals, and constructors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations," many of these provisions indicate where geotechnical engineer's responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely*. Ask questions. Your geotechnical engineer should respond fully and frankly.

ENVIRONMENTAL CONCERNS ARE NOT COVERED

The equipment, techniques, and personnel used to perform an *environmental* study differ significantly from those used to perform a *geotechnical* study. For that reason, a geotechnical engineering report does not usually relate any environmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated environmental problems have led to numerous project failures*. If you have not yet obtained your own environmental information, ask your geotechnical consultant for risk management guidance. *Do not rely on an environmental report prepared for someone else*.

OBTAIN PROFESSIONAL ASSISTANCE TO DEAL WITH MOLD

Diverse strategies can be applied during building design, construction, operation, and maintenance to prevent significant amounts of mold from growing on indoor surfaces. To be effective, all such strategies should be devised for the express purpose of mold prevention, integrated into a comprehensive plan, and executed with diligent oversight by a professional mold prevention consultant. Because just a small amount of water or moisture can lead to the development of severe mold infestations, many mold prevention strategies focus on keeping building surfaces dry. While groundwater, water infiltration, and similar issues may have been addressed as part of the geotechnical engineering study whose findings are conveyed in this report, the geotechnical engineer in charge of this project is not a mold prevention consultant; none of the services performed in connection with the geotechnical engineer's study were designed or conducted for the purpose of mold prevention. Proper implementation of the recommendations conveyed in this report will not of itself be sufficient to prevent mold from growing in or on the structure involved.

RELY ON YOUR GEOTECHNICAL ENGINEER FOR ADDITIONAL ASSISTANCE

Membership in the Geotechnical Business Council (GBC) of Geoprofessional Business Association exposes geotechnical engineers to a wide array of risk confrontation techniques that can be of genuine benefit for everyone involved with a construction project. Confer with CGC, a member of GBC, for more information.

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