



May 29, 2024

Mr. Brian Zelman
Zelman Real Estate & Jasko Development, LLC
66 West Main Street, Suite #102
New Britain, Connecticut 06051

**RE: Geotechnical Engineering Report
Proposed Redevelopment – 936-960 Silver Lane
East Hartford, Connecticut
Project Number: 2010501**

Dear Brian:

Solli Engineering LLC (SOLLI) is pleased to submit our geotechnical engineering report for the proposed redevelopment that will be located at 936-960 Silver Lane in East Hartford, Connecticut. Refer to Figure 1, Site Location Map, in Appendix 1 for the general location of the project.

Our recommendations are based in part on guidance from the 2022 Connecticut State Building Code, which includes the 2021 International Building Code (IBC) and Connecticut Amendment. Design recommendations are based on Allowable Stress Design Methods.

PURPOSE AND SCOPE

SOLLI performed a geotechnical engineering evaluation for the proposed buildings and pavements. Our services included characterizing the subsurface conditions, performing geotechnical engineering analyses, and providing geotechnical design and construction recommendations.

SITE DESCRIPTION AND PROPOSED CONSTRUCTION

The development area consists of 25.63-acres of several parcels located south of the Yankee Expressway (Interstate I-84), north of Nutmeg Lane, east of an existing residential development, and west of an existing commercial development. Site grades are relatively level across the site ranging from approximately El. 66 along the northern property line to El. 58 adjacent to the existing wetlands. The site was formerly occupied by Showcase Cinema and is occupied only by paved parking and drive aisles from the previous development.

The project includes the construction of nine residential buildings, a clubhouse, mail and refuse facilities, and several garages and carports with surrounding paved parking and drive aisles. The buildings will be generally rectangular shaped, multi-story, at-grade (e.g., no basement level) structures with footprints ranging between approximately 11,150 to 29,335 square feet. The finished floor elevations are expected to be at about El. 62 to EL. 65, and we do not anticipate significant raises in site grade as part of the development

SUBSURFACE EXPLORATIONS

SOLLI observed and documented 13 borings (SE-1 through SE-13) that were drilled by SITE, LLC of Beacon Falls, Connecticut between April 15 and April 17, 2024. The approximate locations of the borings

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are depicted on Figure 2, Subsurface Exploration Location Plan, in Appendix 1 and logs of the borings are included in Appendix 2. The borings were located in the field using a hand-held GPS system and the ground surface elevation at each was estimated from available survey data. The locations of the borings and their elevations should be considered approximate.

The borings were performed to explore the subsurface conditions in the area of the proposed buildings. Hollow stem augers were used to advance the borings to depths between approximately 15 and 27 feet below current site grades. Representative samples were obtained by split barrel sampling procedures in general accordance with ASTM Specification D-1586.

The split-barrel sampling procedure utilizes a standard 2-inch O.D. split-barrel sampler that is driven into the bottom of the boring with a 140-pound hammer falling 30 inches. The number of blows required to advance the sampler the middle 12-inches of a normal 24-inch penetration is recorded as the Standard Penetration Resistance Value (N). The blows are indicated on the boring logs at their depth of occurrence and provide an indication of the consistency or relative density of the materials.

Groundwater levels were inferred from sample saturation and/or measured using a weighted tape in the open drill holes.

As part of a preliminary geotechnical report for the initial geotechnical study for the proposed development, SLR International Corporation (SLR) observed and documented nine (9) borings (SLR-1 through SLR-9). The logs of the borings are included in Appendix 2 for reference.

SUBSURFACE CONDITIONS

Geology

According to the publications “Geologic Map of the Manchester Quadrangle, Hartford and Tolland Counties, Connecticut,” by Roger B. Colton (1965) the subsurface materials are mapped as terrace deposits over lake deposits over glacial till over bedrock.

The terrace deposits are described as well laminated sand, silt, and clay and the lake deposits are described as partially varved, clayey silt and sand. The glacial till is described as a non-sorted, non-stratified mixture of clay, silt, sand, pebbles, cobbles and boulders and the bedrock is described as shale, siltstone, sandstone, and conglomerate.

General Subsurface Profile

The subsurface profile, as inferred from the boring data, generally consists of topsoil or asphalt over fill over topsoil (where encountered) over sand over clay over inferred bedrock (where encountered), which is consistent with published geologic data regarding the natural materials. The following are more detailed descriptions of the subsurface materials encountered.

Topsoil was encountered at the surface of Borings SE-3, SE-4, SE-6, SE-8, SE-10, SE-12, and SE-13 and is approximately three to 11 inches thick.

Asphalt was encountered at the surface of Borings SE-1, SE-2, SE-5, SE-7, SE-9, and SE-11 and is approximately three to five inches thick.

Fill was encountered below the topsoil/asphalt in each boring that is between 1.2 and 7.9 feet thick. The fill is generally very loose to medium dense and ranges from brown to gray, fine to coarse sand with little to some silt and trace to little fine gravel.

Topsoil was encountered below the fill in Borings SE-11 to SE-13. The topsoil is about 0.5 to 1.0 feet thick and generally consists of loose to medium dense, dark brown, fine to medium sand, some silt with trace fine gravel.

Sand was encountered below the fill or buried topsoil in each boring that is between five and 20 feet thick. The sand is generally loose to medium dense and ranges from gray to brown, fine to coarse sand with trace to little silt.

Clay was encountered below the sand in each boring (excluding Boring SE-9) and is at least 3.5 feet thick. The clay is generally very soft to stiff and reddish-brown.

Glacial till was encountered below the sand in Boring SE-9 and is approximately 7.8 feet thick. The glacial till is medium dense, reddish-brown, fine to coarse sand with some fine to medium gravel and some silt.

Bedrock was inferred by auger refusal in Boring SE-9 at approximately 14.8 feet below existing grade, which corresponds to approximately El. 43.2.

Groundwater was encountered in each boring between 3.8 and 8.8 feet below existing grade or at about El. 52.7 and El. 58.5. Groundwater levels will vary depending on factors such as temperature, season, precipitation, construction activity, and other conditions, which may be different from those at the time of these observations.

ENGINEERING IMPLICATIONS OF SUBSURFACE CONDITIONS

We recommend supporting the proposed building on conventional spread footing foundations with slab-on-grade construction. However, the existing fill and buried topsoil are not suitable for supporting the proposed building as these materials were placed in an uncontrolled fashion and may contain constituents that result in unacceptable post construction foundation settlements.

The unsuitable bearing materials must be removed and replaced within the building footprint such that footings and slabs should bear on undisturbed natural sand or compacted granular fill (CGF) over this material.

GEOTECHNICAL ANALYSES AND RECOMMENDATIONS

Proposed Building

We recommend supporting the proposed buildings with conventional shallow spread footing foundations. The footings should bear on undisturbed natural granular soils or CGF over this material. Where CGF is used beneath the footings, we recommend that it be placed 1 foot beyond the edge of the footings and at a one horizontal to one vertical (1H:1V) slope away and down from the footings.

Exterior footings should be constructed at a minimum depth of 42 inches below final grades to protect against frost. For interior footings, a minimum depth of 12 inches should be maintained below the proposed bottom of concrete floor slab and the top of footings. The minimum isolated footing size should be 24 inches and the minimum wall footing width should be 12 inches.

We recommend a maximum net allowable bearing pressure of 3,000 pounds per square foot (e.g., 1.5 tons per square foot) for footings bearing on undisturbed natural sand or CGF over this material. We anticipate that the footings will experience up to approximately 1 inch of total settlement and up to approximately ½ inch of differential settlement. Settlements should occur as the loads are applied and will be complete at the end of construction. We recommend a maximum coefficient of friction of 0.45 between foundations and the recommended bearing strata.

Perimeter foundation drains and damp proofing of the slab on grade are recommended. The foundation drains should consist of 4-inch-diameter perforated polyvinyl chloride pipe, surrounded by at least 6 inches of crushed stone, wrapped in nonwoven filter fabric. Foundation drain inverts should be set flush with bottom of footing level. The drains should be gravity drained to daylight or to the site drainage system. Slab damp proofing should be installed between the slab and base course and consist of not less than 6-mil polyethylene with joints lapped at least 6 inches. Other approved methods or materials may be considered or as detailed by the structural engineer.

For slabs on grade, we recommend placing the concrete floor slab over a minimum 6-inch-thick base course layer of compacted sand and gravel over firm and stable natural sand or CGF over firm and stable natural sand. The subgrade modulus for the recommended subgrade and base course is 250 pounds per cubic inch.

Slab damp-proofing should be installed between the slab and base course and consist of not less than 6-mil polyethylene with joints lapped at least 6-inches. Other approved methods or materials may be considered or as detailed by the structural engineer.

Lateral Earth Pressures

Although unanticipated, braced walls with unbalanced earth pressures (e.g., basement walls) should be designed for the at-rest case using an equivalent fluid pressure of 56H in pounds per square foot (psf). Unbraced walls (e.g., cantilevered walls) that are free to rotate should be designed for the active case using an equivalent fluid pressure of 35H in psf.

Where the calculated earth pressure is less than 200 psf, the minimum earth pressure value should be increased to 200 psf to account for stresses created by compaction near the walls. Other appropriate live and dead load surcharges should be considered as a uniform lateral pressure over the entire height of the wall equal to 0.33 times the surcharge loading. These pressures do not include hydrostatic pressures and we recommend that free draining backfill materials be used, and wall drainage be provided.

Seismic Design and Liquefaction Potential

The average Standard Penetration Test “N” value over a 100-foot depth below the site is 3 blows per foot. Thus, the site class for the proposed development is “E” (soft clay soil). According to the U.S. Geological Survey for the site, S_s is 0.180g, and S_1 is 0.064g. We calculated S_{MS} as 0.449, S_{M1} as 0.223g, S_{DS} as 0.299g, and S_{D1} as 0.149g.

Based on the standard penetration test results, material types encountered, estimated depth to groundwater, and expected peak ground acceleration at this locale, it is our opinion that site soils are not prone to liquefaction.

Pavement Areas

In areas of new pavement, we recommend removing existing structures and stripping the existing asphalt and enough subgrade soil to place the new pavement section to proposed grades as appropriate. Final

subgrades should be proof compacted with a large, ride-on, vibratory roller until firm and stable prior to placing raise-in-grade fill or the new pavement section. The new pavement section should consist of at least 1.5 inches of surface course over at least 1.5 inches of binder course over at least six inches of base course.

MATERIALS AND COMPACTION REQUIREMENTS

The existing fill may be suitable for reuse as backfill around foundations or as ordinary fill in non-load-bearing areas, provided that the material meets all construction and environmental requirements for the project.

Compacted granular fill (CGF) for raises in grade and below foundations and slabs should conform to the requirements of the State of Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities, and Incidental Construction (CTDOT Form 818) Section M.02.06, Grading B. Sand and Gravel for use as slab base course should conform to CTDOT FORM 818 Section M.02.06, Grading C. Pavement base course material should conform to the requirements of CTDOT Form 818 Section M.05.01.

We recommend a minimum in-place dry density of 95-percent as per ASTM D1557 for material placed below foundations, slabs, and pavements. We recommend a minimum in-place dry density of 92-percent as per ASTM D1557 for material placed as backfill against foundations walls. Materials should be placed within two percent of their optimum moisture content. We recommend a maximum loose lift thickness of 12-inches.

Crushed Stone should consist of sound, tough, durable, rock that conforms to the requirements of CTDOT Form 818 Section M.01.02, Coarse Aggregates, for No. 67 stone. The HMA should conform to Section 4.06, Bituminous Concrete, of CTDOT Form 818.

CONSTRUCTION CONSIDERATIONS

General Site Preparation

Any surficial deleterious materials must be stripped or excavated during site preparation. Subgrade materials disturbed during such removal should be undercut to undisturbed material below and backfill with CGF. All existing substructures and subsurface utilities must be removed from beneath proposed building footprints. Existing spread footings must be removed in their entirety, and driven piles, if present, should be cut down at least 3 feet below grade so they do not conflict with new foundations.

Subgrade Preparation

We recommend the use of smooth-edged excavator buckets to make the final excavation to help protect the final subgrades, followed by proof compaction of the exposed subgrade. Final subgrades should be free of water, ice, frozen soil, and loose soils prior to placing additional fill or construction of new foundations.

Final subgrades should not remain exposed for extended periods to prevent disturbance of bearing materials. Should the materials at bearing level become disturbed, the affected materials should be removed and replaced with CGF or crushed stone. A 4-inch-thick layer of crushed stone may be used to protect final subgrades that are expected to be open for an extended period.

Temporary Excavations

The on-site material is classified as OSHA Class “C” soil and can be cut to a maximum depth of 20 feet at a maximum slope of one vertical to one- and one-half horizontal (1V:1.5H). This maximum slope and excavation depth assumes no surcharge load (i.e. stockpiles, construction equipment, etc.) at the top of the excavations or seepage (e.g. cuts below the groundwater table).

Dewatering

The control of groundwater/surface water runoff can be accomplished by means of shallow trenches, sumps, and grading the excavation to low points. A crushed stone drainage blanket over the bottom of excavations will facilitate dewatering.

CONSTRUCTION DOCUMENTS

Project drawings should be provided to SOLLI to review for conformance with the geotechnical recommendations contained herein. If changes are made to the location or type of structure, the recommendations in this report will need to be reviewed.

CONSTRUCTION QUALITY CONTROL

We recommend that SOLLI make field observations of excavations and foundation preparation to monitor compliance with our recommendations and project specifications. Specifically, we recommend field observation of footing subgrades, removal of unsuitable materials, and fill placement and compaction. We can also assist in classifying material on-site for the purpose of segregation and/or mixing for re-use on-site.

LIMITATIONS

This report is subject to the limitations included in Appendix 3. Thank you for the opportunity to be of service. Please feel free to call if you have questions.

Sincerely,

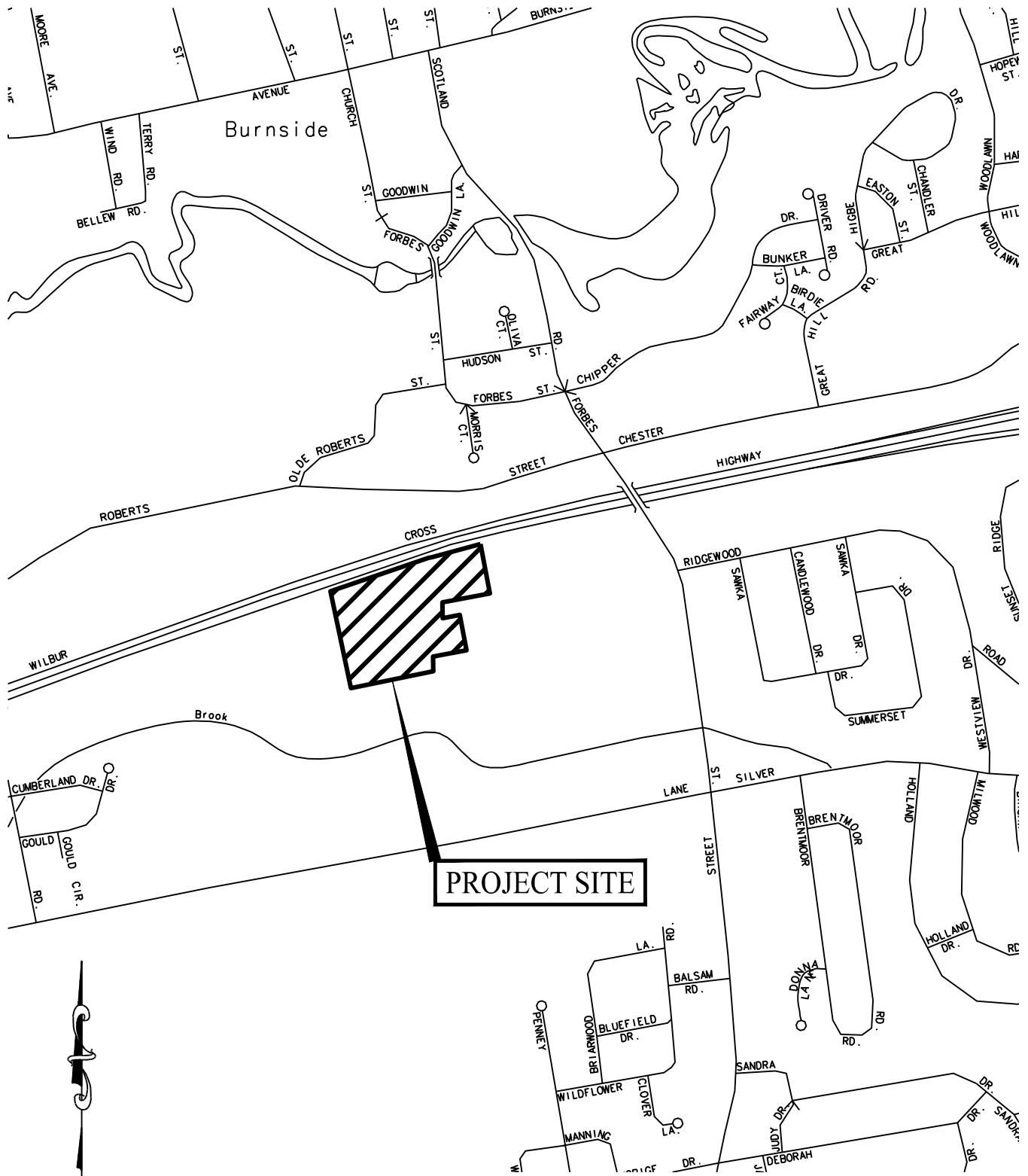


Joseph W. Kidd, P.E.
Senior Project Manager

Attachments: Appendix 1 – Figures
Appendix 2 – Boring Logs
Appendix 3 – Limitations

Appendix 1

Figures

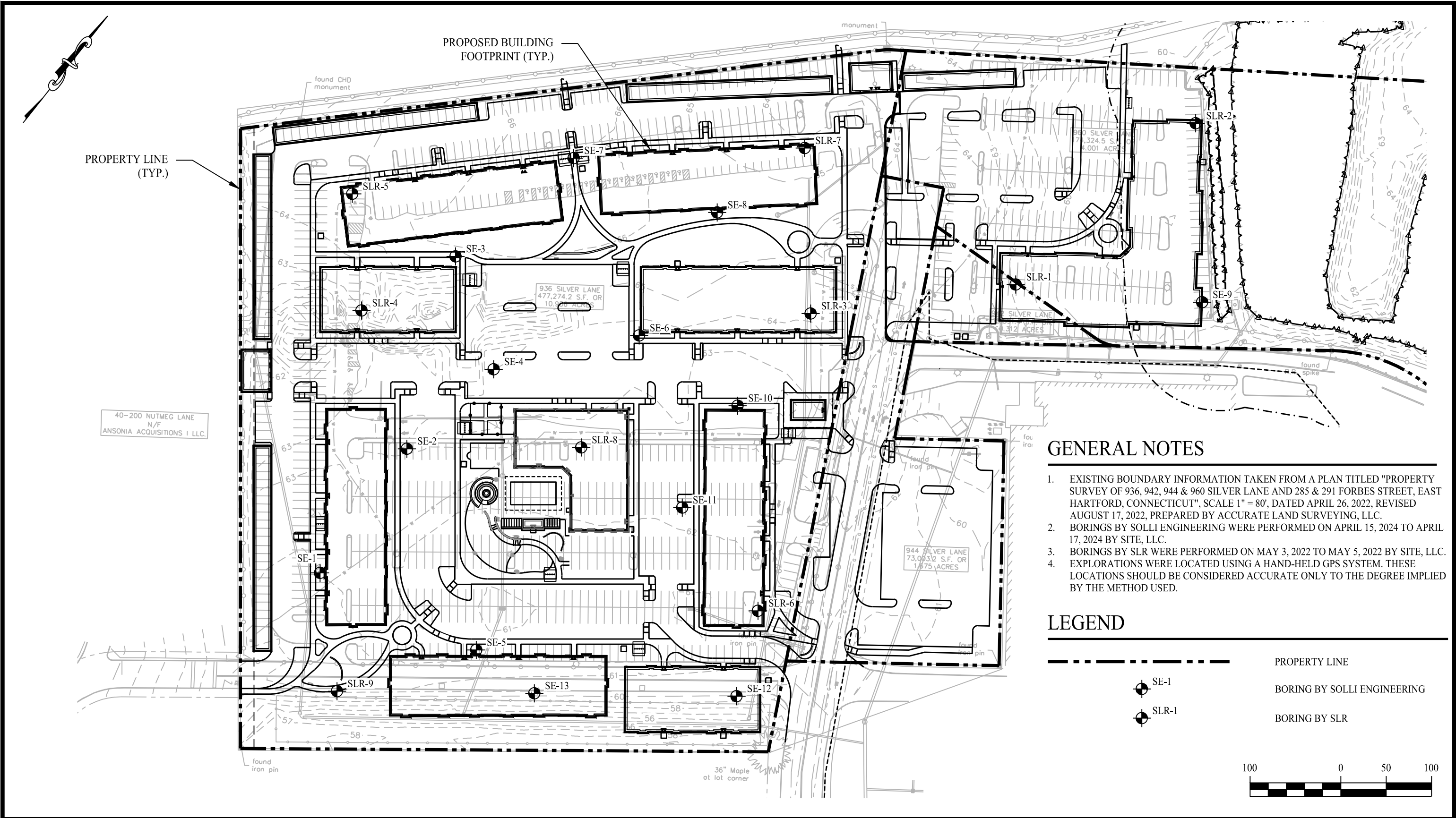


NOTE: BASE MAP INFORMATION TAKEN
FROM CTDOT TRU MAP NUMBER 042

SOLLI
ENGINEERING
501 Main Street, Monroe, CT 06468
T: (203) 880-5455 F: (203) 880-9695

SITE LOCATION MAP SILVER LANE EAST HARTFORD, CONNECTICUT

Project #:	2010501
Plan Date:	04/03/24
Scale:	1" = 1,000'
Figure:	1

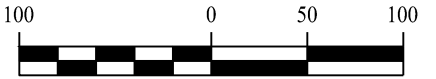


GENERAL NOTES

- EXISTING BOUNDARY INFORMATION TAKEN FROM A PLAN TITLED "PROPERTY SURVEY OF 936, 942, 944 & 960 SILVER LANE AND 285 & 291 FORBES STREET, EAST HARTFORD, CONNECTICUT", SCALE 1" = 80', DATED APRIL 26, 2022, REVISED AUGUST 17, 2022, PREPARED BY ACCURATE LAND SURVEYING, LLC.
- BORINGS BY SOLLI ENGINEERING WERE PERFORMED ON APRIL 15, 2024 TO APRIL 17, 2024 BY SITE, LLC.
- BORINGS BY SLR WERE PERFORMED ON MAY 3, 2022 TO MAY 5, 2022 BY SITE, LLC.
- EXPLORATIONS WERE LOCATED USING A HAND-HELD GPS SYSTEM. THESE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

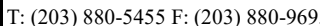
LEGEND

- PROPERTY LINE
- SE-1 BORING BY SOLLI ENGINEERING
- SLR-1 BORING BY SLR



Appendix 2

Boring Logs



 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-1		SHEET: 1 of 1				
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC						
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS						
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. KIDD						
				DATE: APRIL 15, 2024				GROUND SURFACE ELEVATION: ±62.0'				
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:			
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH		TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-15	-	±8.1'		RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-		CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-				
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark	
1	S-1	21	4	Top 3.25" Asphalt.				0.3'	ASPHALT	61.7'	1	
			9	S-1: Medium dense,								
2			S-2	23	8	Top 2": Dark brown, fine to medium SAND, little Silt, trace Debris (e.g. Brick).						
	6	Middle 17": Brown, fine to medium SAND, little Silt.										
4	Bottom 2": Brown, fine to medium SAND, some Silt.											
3	S-2	23	4	S-2: Loose, gray-brown, fine to medium SAND, some Silt.								
			4									
5												
4	S-2	23	9									
			5									
5												
5	S-3	21	5					S-3: Loose,				
			4					Top 9": Dark brown, fine to medium SAND, some Silt.				
5			Bottom 12": Light brown, fine to coarse SAND, trace Silt.									
6	S-3	21	5									
7	S-3	21										
8	S-3	21										
9	S-3	21										
10	S-3	21										
11	S-4	23	3					S-4: Loose, gray, fine to coarse SAND, trace Silt.				
			3									
3												
12	S-4	23	5									
13	S-4	23										
14	S-4	23										
15	S-4	23										
16	S-5	18	6	S-5: Non-plastic and plastic.								
			6	Top 14": Loose, gray-brown, fine to coarse SAND, trace Silt.								
3			Bottom 4": Stiff, reddish-brown, CLAY.									
17	S-5	18	2									
18	S-5	18										
19	S-5	18										
20	S-5	18										
21	S-6	23	WOR	S-6: Very soft, reddish-brown, CLAY.								
			WOR									
1												
22	S-6	23	1									
23	S-6	23		Bottom of Exploration ±22.0'.								
24	S-6	23										
Remarks:				NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS					
1. Auger through asphalt.				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace =<10% little = 10% - 20% some = 20% - 35% and = 35% - 50%					

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-2		SHEET: 1 of 1			
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS					
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. KIDD					
				DATE: APRIL 15, 2024		GROUND SURFACE ELEVATION: ±63.0'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-15	-	±7.3'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-			
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1				Top 3.25": Asphalt.				0.3'	ASPHALT	62.7'	1
				Bottom 10": Reddish-brown, fine to medium SAND, little silt.							
2	S-1	24	5	S-1: Medium dense, brown, fine to medium SAND, little Silt.							
10											
12											
3	S-2	24	10						FILL		
10											
10			S-2: Medium dense,								
9			Top 21": Brown, fine to medium SAND, little Silt.								
4	S-2	24	8	Bottom 3": Light brown, fine to medium SAND, little Silt.							
8											
8											
5	S-3	23	3	S-3: Medium dense, brown, fine to medium SAND, little Silt.				5.0'		58.0'	
9											
10											
9											
7								7.3'		55.7'	
8											
9											
10											
10	S-4	24	3	S-4: Loose, gray-brown, fine to coarse SAND, trace Silt.					SAND		
3											
2											
2											
12											
13											
14											
15											
15	S-5	24	3	S-4: Loose, gray, fine to coarse SAND, trace Silt.							
2											
4											
5											
17											
18											
19											
20											
20	S-6	24	1	S-6: Soft, reddish-brown, CLAY.				18.5'		44.5'	
1											
2											
2											
22				Bottom of Exploration ±22.0'.				22.0'		41.0'	
23											
24											
24											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
1. Auger through asphalt.				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-3		SHEET: 1 of 1			
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS					
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. KIDD					
		DATE: APRIL 15, 2024				GROUND SURFACE ELEVATION: ±65.5'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-15	-	±8.8'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-			
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	20	1	S-1: Loose, Top 7": Dark brown, fine to medium SAND, some Silt, trace Roots. Bottom 13": Brown, fine to medium SAND, some Silt.				0.6'	TOPSOIL		64.9'
			5								
4											
3											
2									FILL		
3											
4											
5	S-2	6	2	S-2: Loose, brown, fine to coarse SAND, little fine to medium gravel, little Silt, trace Debris (e.g. Plastic, Foam).							
3											
2											
2											
6											
7											
8											
9								8.5'	57.0'		
8.8'			56.7'								
10	S-3	18	3	S-3: Medium dense, gray-brown, fine to coarse SAND, trace Silt.					SAND		
5											
5											
6											
11											
12											
13											
14											
15	S-4	24	4	S-4: Medium dense, gray-brown, fine to coarse SAND, trace Silt.							
4											
6											
2											
16											
17											
18											
19								18.5'	47.0'		
20	S-5	14	1	S-5: Soft, reddish-brown, CLAY.					CLAY		
1											
1											
1											
21											
22				Bottom of Exploration ±22.0'.				22.0'	43.5'		
23											
24											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE		0-2 = VERY SOFT		C = ROCK CORE		trace = <10%	
				4-10 = LOOSE		2-4 = SOFT		S = SPLIT SPOON		little = 10% - 20%	
				10-30 = MEDIUM DENSE		4-8 = MEDIUM		UP = UNDISTURBED		some = 20% - 35%	
				30-50 = DENSE		8-15 = STIFF		PISTON		and = 35% - 50%	
				50+ = VERY DENSE		15-30 = VERY STIFF		UT = UNDISTURBED			
						30+ = HARD		THINWALL			

SOLLI ENGINEERING 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-4		SHEET: 1 of 1					
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC							
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS							
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. KIDD							
DATE: APRIL 15, 2024				GROUND SURFACE ELEVATION: ±64.0'									
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:				
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER				
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-15	-	±7.8'	RIG MODEL:				
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX				
HMR. FALL (IN.)		-	-	30	-	-	-	-					
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark		
1	S-1	15	1	S-1: Loose, Top 3": Dark brown, fine to medium SAND, some Silt, trace Roots. Bottom 12": Brown, fine to coarse SAND, some Silt, trace fine gravel.				0.3'	TOPSOIL		63.7'		
			3										
			6										
			4										
2													
3													
4													
5													
6	S-2	8	2	S-2: Loose, black, fine GRAVEL, little fine Sand, trace Silt.									
2													
2													
2													
7								7.8'		56.2'			
8							8.5'	55.5'					
9													
10													
11	S-3	24	3	S-3: Loose, gray-brown, fine to medium SAND, little Silt.									
4													
3													
4													
12													
13													
14													
15													
16	S-4	22	2	S-4: Loose, gray-brown, fine to medium SAND, little Silt.									
3													
2													
3													
17													
18													
19													
20													
21	S-5	20	WOH	S-5: Soft, reddish-brown, CLAY.									
1													
1													
1													
22				Bottom of Exploration ±22.0'.				22.0'		42.0'			
23													
24													
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS			
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%			



501 Main Street, Monroe, CT 06468
T: (203) 880-5455 F: (203) 880-9695

PROJECT: PROPOSED REDEVELOPMENT	BORING NO.: SE-5	SHEET: 1 of 1
LOCATION: SILVER LANE, EAST HARTFORD, CT	CONTRACTOR: SITE, LLC	
PROJ. NO: 2010501	FOREMAN: J. DEANGELIS	
CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC	INSPECTOR: J. KIDD	
DATE: APRIL 15, 2024	GROUND SURFACE ELEVATION: ±61.5'	

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER
SIZE ID (IN.)	2-1/4"	-	1-3/8"	-	2024-04-15	-	±8.6'	RIG MODEL: CME-55 LCX
HMR. WT (LB.)	-	-	140	-	-	-	-	
HMR. FALL (IN.)	-	-	30	-	-	-	-	

DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	19		Top 4.5": Asphalt.	0.4'	ASPHALT	61.1'	1
			2	S-1: Loose, brown, fine SAND, little Silt, trace Debris (e.g. Concrete).				
			4					
			4					
			5					
2	S-2	0	50/0	No Recovery.		FILL		
3								
4								
5								
6								
6	S-3	22	6	S-3: Medium dense, Top 5": Black, fine SAND, some Silt. Bottom 17": Gray-brown, fine to medium SAND, little Silt.	5.5'		56.0'	
			5					
			9					
			9					
8								
9								
10								
11								
12								
11	S-4	21	3	S-4: Loose, gray, fine to coarse SAND, little Silt.		SAND		
			3					
			4					
			3					
13								
14								
15								
16								
17								
16	S-5	24	4	S-5: Loose, gray-brown, fine to coarse SAND, trace Silt.				
			4					
			2					
			3					
18								
19								
20								
21								
22								
20	S-6	24	0	S-6: Soft, reddish-brown, CLAY.		CLAY		
			1					
			1					
			2					
22				Bottom of Exploration ±22.0'.	22.0'		39.5'	
23								
24								
24								
24								

Remarks:	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
1. Auger through asphalt.	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%



501 Main Street, Monroe, CT 06468
T: (203) 880-5455 F: (203) 880-9695

PROJECT: PROPOSED REDEVELOPMENT	BORING NO.: SE-6	SHEET: 1 of 2
LOCATION: SILVER LANE, EAST HARTFORD, CT	CONTRACTOR: SITE, LLC	
PROJ. NO: 2010501	FOREMAN: J. DEANGELIS	
CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC	INSPECTOR: J. MONTAGNO	
DATE: APRIL 16, 2024	GROUND SURFACE ELEVATION: ±64.0'	

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER
SIZE ID (IN.)	2-1/4"	-	1-3/8"	-	2024-04-16	-	±6.4'	RIG MODEL: CME-55 LCX
HMR. WT (LB.)	-	-	140	-	-	-	-	
HMR. FALL (IN.)	-	-	30	-	-	-	-	

DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	22	1	S-1: Loose, Top 6": Dark brown, fine to medium SAND, some Silt, little fine Gravel, trace Roots. Bottom 16": Brown, fine to coarse SAND, little Silt.	0.5'	TOPSOIL	63.5'	1
			3					
			6					
2			3			FILL		
3								
4								
5	S-2	24	7	S-2: Medium dense, Top 8": Brown, fine to medium SAND, little Silt. Bottom 16": Brown, fine to coarse SAND, trace Silt.	5.0'		59.0'	
6			7					
7			7		6.4'		57.5'	
8			6					
9								
10								
11								
12	S-3	22	2	S-3: Loose, brown, fine to coarse SAND, trace Silt.				
13			3					
14			2					
15			2					
16	S-4	24	2	S-4: Loose, brown, fine to coarse SAND, trace Silt.				
17			4					
18			4					
19			3					
20	S-5	20		S-5: Loose, brown, fine to coarse SAND, trace Silt.				
21			3					
22			1					
23			4					
24			4					
					23.5'		40.5'	
						CLAY		

Remarks:	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
1. Topsoil found in auger spoils.	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

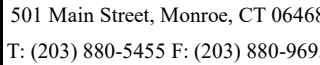
 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-6		SHEET: 2 of 2									
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC											
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS											
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO											
DATE: APRIL 16, 2024				GROUND SURFACE ELEVATION: ±64.0'													
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:								
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER								
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-16	-	±6.4'	RIG MODEL:								
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX								
HMR. FALL (IN.)		-	-	30	-	-	-	-									
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark						
25	S-6	23	WOH	S-6: Very soft, reddish-brown, CLAY.				27.0'	CLAY	37.0'							
26			WOH														
			1														
27			2														
28				Bottom of Exploration ±27.0'.													
29																	
30																	
31																	
32																	
33																	
34																	
35																	
36																	
37																	
38																	
39																	
40																	
41																	
42																	
43																	
44																	
45																	
46																	
47																	
48																	
Remarks:											NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS			
											0-4 = VERY LOOSE	0-2 = VERY SOFT	C = ROCK CORE	trace = <10%			
											4-10 = LOOSE	2-4 = SOFT	S = SPLIT SPOON	little = 10% - 20%			
				10-30 = MEDIUM DENSE	4-8 = MEDIUM	UP = UNDISTURBED	some = 20% - 35%										
				30-50 = DENSE	8-15 = STIFF	PISTON	and = 35% - 50%										
				50+ = VERY DENSE	15-30 = VERY STIFF	UT = UNDISTURBED											
					30 + = HARD	THINWALL											

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-7		SHEET: 1 of 1			
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS					
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO					
		DATE: APRIL 16, 2024				GROUND SURFACE ELEVATION: ±66.5'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-16	-	±8.4'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-			
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	18	6	Top 3.5": Asphalt. Bottom 2.5" Brown, fine to medium SAND, trace Silt.				0.3'	ASPHALT	66.2'	1
			8	S-1: Medium dense,							
			10	Top 12": Brown, fine to medium SAND, trace Silt.							
			8	Bottom 6": Brown, fine to medium SAND, little Silt.							
2											2
3											
4											
5											
6	S-2	20	4	S-2: Loose,				5.0'		61.5'	
5			Top 5": Brown, fine to medium SAND, little Silt.								
4			Middle 12": Brown, fine to coarse SAND, trace Silt.								
3			Bottom 3": Brown, fine to medium SAND, some Silt.								
8											
9											
10											
11	S-3	15	3	S-3: Medium dense, brown, fine to coarse SAND, trace Silt.							
6											
6											
4											
13											
14											
15											
16	S-4	23	3	S-4: Loose, brown, fine to coarse SAND, trace Silt.							
4											
5											
5											
18											
19											
20											
21	S-5	22	3	S-5: Loose, brown, fine to coarse SAND, trace Silt.							
22											
2											
2											
23											
24											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
1. Auger through asphalt. 2. Topsoil found in auger spoils.				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-7		SHEET: 2 of 2									
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC											
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS											
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO											
DATE: APRIL 16, 2024				GROUND SURFACE ELEVATION: ±66.5'													
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:								
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER								
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-16	-	±8.4'	RIG MODEL:								
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX								
HMR. FALL (IN.)		-	-	30	-	-	-	-									
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark						
25	S-6	23	1	S-6: Soft, reddish-brown, CLAY.				27.0'	CLAY	39.5'							
26			1														
27			1														
28			1														
29				Bottom of Exploration ±27.0'.													
30																	
31																	
32																	
33																	
34																	
35																	
36																	
37																	
38																	
39																	
40																	
41																	
42																	
43																	
44																	
45																	
46																	
47																	
48																	
Remarks:											NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS			
											0-4 = VERY LOOSE	0-2 = VERY SOFT	C = ROCK CORE	trace = <10%			
											4-10 = LOOSE	2-4 = SOFT	S = SPLIT SPOON	little = 10% - 20%			
											10-30 = MEDIUM DENSE	4-8 = MEDIUM	UP = UNDISTURBED	some = 20% - 35%			
				30-50 = DENSE	8-15 = STIFF	PISTON	and = 35% - 50%										
				50+ = VERY DENSE	15-30 = VERY STIFF	UT = UNDISTURBED											
					30 + = HARD	THINWALL											

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-8		SHEET: 1 of 1				
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC						
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS						
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO						
				DATE: APRIL 16, 2024				GROUND SURFACE ELEVATION: ±65.5'				
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:			
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH		TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-16	-	±7.0'		RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-		CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-				
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark	
1	S-1	22	1	S-1: Medium dense, Top 3": Dark brown, fine to medium SAND, some Silt, trace fine Gravel, trace Roots. Bottom 19": Brown, fine to medium SAND, little Silt.				0.3'	TOPSOIL		65.2'	
			4									
			7									
			5									
2									FILL			
3												
3								3.5'	62.0'			
4												
4												
5												
5	S-2	22	2	S-2: Loose, brown, fine to coarse SAND, trace Silt.								
3												
3												
4												
6								7.0'	58.5'			
7												
8												
8												
9												
9												
10												
10	S-3	16	2	S-3: Loose, brown, fine to coarse SAND, trace Silt.								
11			4									
12			4									
12			4									
13									SAND			
14												
14												
15												
15	S-4	22	4	S-4: Medium dense, brown, fine to coarse SAND, trace Silt.								
16			4									
17			6									
17			4									
18												
19												
19												
20												
20	S-5	24	3	S-5: Loose, brown, fine to coarse SAND, trace Silt.								
21			1									
22			4									
22			2									
23								23.5'	42.0'			
24												
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS		
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%		

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-8		SHEET: 2 of 2									
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC											
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS											
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO											
DATE: APRIL 16, 2024				GROUND SURFACE ELEVATION: ±65.5'													
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:								
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER								
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-16	-	±7.0'	RIG MODEL:								
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX								
HMR. FALL (IN.)		-	-	30	-	-	-	-									
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark						
25	S-6	20	WOH	S-6: Very soft, reddish-brown, CLAY.				27.0'	CLAY	38.5'							
26			1														
			0														
27			WOH														
				Bottom of Exploration ±27.0'.													
28																	
29																	
30																	
31																	
32																	
33																	
34																	
35																	
36																	
37																	
38																	
39																	
40																	
41																	
42																	
43																	
44																	
45																	
46																	
47																	
48																	
Remarks:											NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS			
											0-4 = VERY LOOSE	0-2 = VERY SOFT	C = ROCK CORE	trace = <10%			
				4-10 = LOOSE	2-4 = SOFT	S = SPLIT SPOON	little = 10% - 20%										
				10-30 = MEDIUM DENSE	4-8 = MEDIUM	UP = UNDISTURBED	some = 20% - 35%										
				30-50 = DENSE	8-15 = STIFF	PISTON	and = 35% - 50%										
				50+ = VERY DENSE	15-30 = VERY STIFF	UT = UNDISTURBED											
					30 + = HARD	THINWALL											



PROJECT: PROPOSED REDEVELOPMENT	BORING NO.: SE-9	SHEET: 1 of 1
LOCATION: SILVER LANE, EAST HARTFORD, CT	CONTRACTOR: SITE, LLC	
PROJ. NO: 2010501	FOREMAN: J. DEANGELIS	
CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC	INSPECTOR: J. MONTAGNO	
DATE: APRIL 16, 2024	GROUND SURFACE ELEVATION: ±58.0'	

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER
SIZE ID (IN.)	2-1/4"	-	1-3/8"	-	2024-04-16	-	±3.8'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-	-	-	-	CME-55 LCX
HMR. FALL (IN.)	-	-	30	-	-	-	-	

DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	21		3.75": Asphalt over 2.25" Base Course.	0.3'	ASPHALT	57.7'	1
			7	S-1: Medium dense,	FILL	56.5'		
			8	Top 8": Dark gray, fine to coarse SAND and fine to medium GRAVEL, trace Silt.				
			9	Bottom 13": Brown, fine to coarse SAND, trace Silt.				
			10					
	2	S-2	23	1	S-2: Medium dense,	SAND		
				3	Top 17": Brown, fine to coarse SAND, trace Silt.			
10				Bottom 6": Reddish-brown, fine to coarse SAND, some fine to medium Gravel,				
10				some Silt.				
3	S-3	19	5	S-3: Medium dense, reddish-brown, fine to coarse SAND, some fine to medium	GLACIAL TILL			
			7	Gravel, some Silt.				
			6					
			7					
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14					14.3'	43.7'	2	
15					14.8'	43.2'	3	
16								
17								
18								
19								
20								
21								
22								
23								
24								

Remarks:	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
1. Auger through asphalt.	0-4 = VERY LOOSE	0-2 = VERY SOFT	C = ROCK CORE	trace = <10%
2. Difficult drilling from $\pm 14.3'$ to $\pm 14.8'$.	4-10 = LOOSE	2-4 = SOFT	S = SPLIT SPOON	little = 10% - 20%
3. Auger refusal at $\pm 14.8'$.	10-30 = MEDIUM DENSE	4-8 = MEDIUM	UP = UNDISTURBED	some = 20% - 35%
	30-50 = DENSE	8-15 = STIFF	PISTON	and = 35% - 50%
	50+ = VERY DENSE	15-30 = VERY STIFF	UT = UNDISTURBED	
		30+ = HARD	THINWALL	

SOLLI ENGINEERING 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-10		SHEET: 1 of 1			
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS					
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO					
DATE: APRIL 16, 2024				GROUND SURFACE ELEVATION: ±62.5'							
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-16	-	±8.8'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-			
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	19	1	S-1: Loose, Top 11": Dark brown, fine to medium SAND, some Silt, trace fine Gravel, trace Roots. Bottom 8": Brown, fine to medium SAND, little Silt, little fine Gravel.				1.0'	TOPSOIL		61.5'
			2								
			4								
			5								
2											
3											
4											
5											
6	S-2	19	4	S-2: Medium dense, Top 13": Gray-brown, fine to coarse SAND, little Silt, trace Roots. Bottom 6": Brown, fine to coarse SAND, trace Silt.				6.5'			56.0'
			6								
			8								
7			12								
8								8.8'		53.7'	
9											
10											
11	S-3	24	4	S-3: Loose, brown, fine to coarse SAND, trace Silt.					SAND		
			3								
			5								
			5								
13											
14											
15											
16	S-4	24	2	S-4: Very loose, brown, fine to coarse SAND, trace Silt.							44.0'
			2								
			1								
17			2								
18											
19								18.5'			
20											
21	S-5	20	1	S-5: Soft, reddish-brown, CLAY.				22.0'	CLAY		40.5'
			2								
			1								
			2								
23				Bottom of Exploration ±22.0'.							
24											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-11		SHEET: 1 of 1			
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS					
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO					
DATE: APRIL 17, 2024				GROUND SURFACE ELEVATION: ±62.0'							
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-17	-	±6.1	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-			
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	20		3.25" Asphalt over 2.75" gray-brown, fine to medium SAND, some Silt.				0.3'	ASPHALT	61.7'	
			6	S-1: Medium dense, Top 10": Gray-brown, fine to medium SAND, some Silt.							
			8	Middle 4": Reddish-brown, fine to coarse GRAVEL and fine to coarse SAND,							
			13	little Silt, trace Debris (e.g. Brick).							
2			10	Bottom 6": Brown, fine to medium SAND, trace Silt.							
3											
4											
5											
6	S-2	22	5	S-2: Medium dense,				5.5'		56.5'	
6			Top 4": Gray, fine to coarse SAND, trace Silt, trace Roots.				6.0'	BURIED TOPSOIL	56.0'		
7			Middle 4": Dark-brown, fine to medium SAND, some Silt.				6.1'		55.9'		
8			Bottom 14": Brown, fine to medium SAND, little Silt.								
7											
8											
9											
10											
11	S-3	24	8	S-3: Medium dense, gray-brown, fine to coarse SAND, trace Silt.							
10											
10											
9											
12											
13											
14											
15											
16	S-4	17	3	S-4: Loose, gray-brown, fine to coarse SAND, trace Silt.							
2											
2											
3											
17											
18											
19								18.5'		43.5'	
20											
21	S-5	21	1	S-5: Soft, reddish-brown, CLAY.							
2											
1											
2											
22				Bottom of Exploration ±22.0'.				22.0'		40.0'	
23											
24											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-12		SHEET: 1 of 1				
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC						
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS						
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO						
		DATE: APRIL 17, 2024				GROUND SURFACE ELEVATION: ±60.0'						
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:			
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER			
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-17	-	±7.3	RIG MODEL:			
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX			
HMR. FALL (IN.)		-	-	30	-	-	-	-				
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark	
1	S-1	18	1	S-1: Very loose, Top 5": Dark brown, fine to medium SAND, some Silt, trace Roots. Bottom 13": Brown, fine to medium SAND, little Silt, trace Roots.				0.5'	TOPSOIL		59.5'	
			1									
			2									
			3									
2												
3												
3												
4												
5	S-2	22	2	S-2: Loose, Top 10": Dark brown, fine to medium SAND, some Silt. Bottom 12": Gray, fine to coarse SAND, trace Silt.				5.0'			55.0'	
2			BURIED									
7			TOPSOIL					54.0'				
7												
7								7.3'			52.7'	
9												
10	S-3	24	3	S-3: Medium dense, gray, fine to coarse SAND, trace Silt.								
5												
6												
5												
12												
13												
14												
15	S-4	20	3	S-4: Non-plastic and plastic. Top 12": Loose, gray, fine to coarse SAND, trace Silt. Bottom 8": Medium, reddish-brown, CLAY.								
2			16.0'					44.0'				
3			17.0'					43.0'				
3												
16				Bottom of Exploration ±17.0'.								
17												
18												
19												
20												
21												
22												
23												
24												
Remarks:				NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE		PROPORTIONS				
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%				

 501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695		PROJECT: PROPOSED REDEVELOPMENT				BORING NO.: SE-13		SHEET: 1 of 1			
		LOCATION: SILVER LANE, EAST HARTFORD, CT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 2010501				FOREMAN: J. DEANGELIS					
		CLIENT: ZELMAN REAL ESTATE & JASKO DEVELOPMENT, LLC				INSPECTOR: J. MONTAGNO					
DATE: APRIL 17, 2024				GROUND SURFACE ELEVATION: ±60.5'							
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		H.S.A.	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTO HAMMER		
SIZE ID (IN.)		2-1/4"	-	1-3/8"	-	2024-04-17	-	±6.2	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-	-	-	-	CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-	-	-	-			
DEPT H (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	17	WOH	S-1: Very loose, Top 5": Dark brown, fine to medium SAND, some Silt, trace Roots. Bottom 12": Brown, fine to medium SAND, little Silt, trace Roots.				0.5'	TOPSOIL	60.0'	
			1								
2			0								
			1								
3											
4											
5								5.0'		55.5'	
6	S-2	22	4	S-2: Medium dense, Top 9": Dark brown, fine to medium SAND, some Silt, trace fine Gravel. Bottom 13": Brown, fine to coarse SAND, trace Silt.					BURIED		
			4								
7			6					6.0'	TOPSOIL	54.5'	
			7								
8											
9											
10											
11	S-3	21	5	S-3: Medium dense, gray-brown, fine to coarse SAND, trace Silt.							
			5								
12			6								
			5								
13											
14											
15											
16	S-4	24	5	S-4: Medium dense, gray, fine to coarse SAND, trace Silt.							
			7								
17			6								
			7								
18											
19											
20											
21	S-5	21	WOH	S-5: Soft, reddish-brown, CLAY.							
			1								
22			1								
			2								
23				Bottom of Exploration ±22.0'.				22.0'		38.5'	
24											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

BORING LOG



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PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-1	SHEET:	1 of 2
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 3, 2022	GROUND SURFACE ELEVATION:	±62.0'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-03	7:30 AM	±6.2'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1				Top 3": ASPHALT.	0.3'	ASPHALT	61.7'	1
				Bottom 9": Gray, fine to coarse SAND and fine to coarse GRAVEL, trace Silt.				
2	S-1	16	5	S-1: Medium dense, Top 6": Gray, fine to coarse SAND and fine to coarse GRAVEL, trace Silt.				
			6	Bottom 10": Brown, fine to coarse SAND, little fine to coarse Gravel, little Silt.				
			7					
3			8		3.0'		59.0'	
			8	S-2: Medium dense, gray, fine to medium SAND, trace Silt.				
4	S-2	20	8					
			10					
5			11					
			3	S-3: Medium dense, Top 12": Gray, fine to medium SAND, trace Silt.				
6	S-3	20	6	Bottom 8": Reddish brown, fine to coarse SAND, trace Silt.	6.2'	G.W.T. ▼	55.8'	
			5					
			6					
7								
8								
9								
10								
			3	S-4: Loose, brown, fine to coarse SAND, trace fine Gravel, trace Silt.				
11	S-4	22	1					
			3					
12			3					
13								
14								
15								
			2	S-5: Loose, brown, fine to coarse SAND, trace fine Gravel, trace Silt.				
16	S-5	14	2					
			4					
17			6					
18								
					18.5'		43.5'	
19								
20								
			2	S-6: Stiff, reddish brown, CLAY with varved CLAY & SILT.				
21	S-6	22	4					
			5					
			4					
22								

Remarks: 1. Soil classified from auger cuttings.	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-1		SHEET: 2 of 2						
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC								
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS								
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK								
		DATE: MAY 3, 2022				GROUND SURFACE ELEVATION: ±62.0'								
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:					
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER					
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-03	7:30 AM	±6.2'	RIG MODEL:					
HMR. WT (LB.)		-	-	140	-				CME-55 LCX					
HMR. FALL (IN.)		-	-	30	-									
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark			
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)										
24				S-7: Medium dense, reddish brown, fine to coarse SAND, some fine to coarse Gravel, little Silt.				23.5'	VARVED CLAY	38.5'	2			
25			6											
26	S-7	12	8											
			11											
27			11											
28				S-8: Dense, reddish brown, fine to coarse SAND, little fine to coarse Gravel, little Silt.										
29														
30			18											
31	S-8	14	23											
			19											
32			22											
33				S-9: Medium dense, reddish brown, fine to coarse SAND, little fine to coarse Gravel, little Silt.										
34														
35			6											
36	S-9	14	7											
			12											
37			17											
38				S-10: Very dense, reddish brown, fine to medium SAND, some Silt, trace fine Gravel.										
39														
40	S-10	3	50/3"									39.5'	WEATHERED BEDROCK	22.5'
												41.0'		21.0'
41														
42				Bottom of Exploration ±41.0'										
43														
44														
45														
Remarks: 2. Auger refusal at ±41.0'.				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS				
				0-4 = VERY LOOSE		0-2 = VERY SOFT		C = ROCK CORE		trace = <10%				
				4-10 = LOOSE		2-4 = SOFT		S = SPLIT SPOON		little = 10% - 20%				
				10-30 = MEDIUM DENSE		4-8 = MEDIUM		UP = UNDISTURBED PISTON		some = 20% - 35%				
				30-50 = DENSE		8-15 = STIFF		UT = UNDISTURBED THINWALL		and = 35% - 50%				
				50+ = VERY DENSE		15-30 = VERY STIFF								
						30+ = HARD								

BORING LOG



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PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-2	SHEET:	1 of 2
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 3, 2022	GROUND SURFACE ELEVATION:	±58.5'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-03	11:00 AM	±3.0'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1				Top 3.5": ASPHALT. Middle 3.5": Gray, fine to coarse SAND and fine to coarse GRAVEL, trace Silt.	0.3'	ASPHALT	58.2'	1
				Bottom 5": Brown, fine to coarse SAND, some Silt, little fine to coarse Gravel.				1
2	S-1	20	4	S-1: Medium dense, Top 8": Brown, fine to coarse SAND, some Silt, little fine to coarse Gravel.	2.0'	FILL	56.5'	
			9	Bottom 12": Brown, fine to coarse SAND, trace Silt.				
			11					
3			9		3.0'	G.W.T. ▼	55.5'	
			6	S-2: Medium dense, brown, fine to coarse SAND, trace Silt.				
4	S-2	21	6					
			8					
5			6					
			3	S-3: Loose, brown, fine to medium SAND, trace Silt.				
6	S-3	18	5					
			4					
7			4					
8								
9								
10								
			2	S-4: Top 16": Loose, brown, fine to coarse SAND, trace Silt.	11.3'		47.2'	
11	S-4	19	3	Middle 2": Medium, reddish brown, CLAY.	11.5'	CLAY	47.0'	
			3	Bottom 1": Loose, reddish brown, fine to coarse SAND, some Clayey Silt, little fine to coarse Gravel.				
12			4					
13								
14								
15								
			5	S-5: Medium dense, reddish brown, fine to coarse SAND, some fine to coarse Gravel, little Clayey Silt.				
16	S-5	12	33					
			9					
17			4					
18								
19								
20								
			6	S-6: Medium dense, reddish brown, fine to coarse SAND, some Clayey Silt, little fine to coarse Gravel.				
21	S-6	18	12					
			12					
22			39					

Remarks: 1. Soil classified from auger cuttings.	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-2		SHEET: 2 of 2			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK					
		DATE: MAY 3, 2022				GROUND SURFACE ELEVATION: ±58.5'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-03	11:00 AM	±3.0'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)							
24				S-7: Medium dense, reddish brown, fine to coarse SAND, little fine to coarse Gravel, little Silt.				27.0'	GLACIAL TILL	31.5'	
25											
26	S-7	20	6								
			8								
			6								
			7	Bottom of Exploration ±27.0'							
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
Remarks:											NON-PLASTIC (SPT-N)
				0-4 = VERY LOOSE		0-2 = VERY SOFT		C = ROCK CORE		trace = <10%	
				4-10 = LOOSE		2-4 = SOFT		S = SPLIT SPOON		little = 10% - 20%	
				10-30 = MEDIUM DENSE		4-8 = MEDIUM		UP = UNDISTURBED PISTON		some = 20% - 35%	
				30-50 = DENSE		8-15 = STIFF		UT = UNDISTURBED THINWALL		and = 35% - 50%	
				50+ = VERY DENSE		15-30 = VERY STIFF					
				30 + = HARD							

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PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-3	SHEET:	1 of 2
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 3, 2022	GROUND SURFACE ELEVATION:	±64.0'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-03	1:00 AM	±8.0'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	18	14	S-1: Medium dense, Top 2": Brown, fine to coarse SAND, little Silt, trace fine Gravel, trace Organics.	0.2'	TOPSOIL	63.8'	
			5	Middle 4": ASPHALT.	0.5'	ASPHALT	63.5'	
			5	Bottom 12": Brown, fine to medium SAND, trace fine Gravel, trace Silt.				
			4					
2	S-2	18	5	S-2: Medium dense, brown, fine to medium SAND, trace Silt, trace Debris (e.g., plastic).				
3			9					
4			11					
5			10		4.5'		59.5'	
6	S-3	20	4	S-3: Medium dense, brown, fine to coarse SAND, trace Silt.				
7			4					
8			6		8.0'	G.W.T. ▼	56.0'	
9			8					
10	S-4	24	3	S-4: Loose, brown, fine to coarse SAND, trace Silt.				
11			5					
12			3					
13			6					
14	S-5	22						
15			3	S-5: Loose, brown, fine to coarse SAND, trace Silt.				
16			3					
17			2					
18	S-6	22	3	S-6: Top 10": Loose, brown, fine to coarse SAND, trace Silt.				
19			2	Bottom 12": Medium, reddish brown, CLAY.	21.0'		43.0'	
20			3					
21			2					
22						CLAY		

Remarks:	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-3		SHEET: 2 of 2			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK					
		DATE: MAY 3, 2022				GROUND SURFACE ELEVATION: ±64.0'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-03	1:00 AM	±8.0'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)							
24				S-7: Soft, reddish brown, SILT.				27.0'	CLAY	37.0'	
25			1								
26	S-7	24	1								
26			2								
27			1	Bottom of Exploration ±27.0'							
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

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PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-4	SHEET:	1 of 3
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 4, 2022	GROUND SURFACE ELEVATION:	±63.0'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-04	8:00 AM	±9.5'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	18	2	S-1: Dense, Top 3": Dark brown, fine to coarse SAND, little Silt, little Organics.	0.3'	TOPSOIL	62.7'	
			10	Bottom 15": Brown, fine to coarse SAND, some fine to coarse Gravel, little Debris (e.g., concrete), little Silt.				
			34					
			16					
2	S-2	22	9	S-2: Medium dense, brown, fine to medium SAND, trace Silt.		FILL		
3			7					
4			7					
5			9		4.5'		58.5'	
6	S-3	20	11	S-3: Medium dense, brown, fine to coarse SAND, trace Silt.		SAND		
7			15					
8			12					
9			10					
10	S-4	20	4	S-4: Loose, brown, fine to coarse SAND, trace Silt.	9.5'		53.5'	
11			2					
12			2					
13			3					
14	S-5	24	1	S-5: Top 6": Loose, brown, fine to coarse SAND, trace Silt.				
15			2	Bottom 18": Medium, gray, CLAY varved with CLAY and SILT.	15.5'		47.5'	
16			3					
17			2					
18	S-6	24	1	S-6: Soft, gray, CLAY varved with CLAY and SILT.		VARVED CLAY		
19			2					
20			1					
21			1					
22								

Remarks:	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG



PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-4	SHEET:	2 of 3
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 4, 2022	GROUND SURFACE ELEVATION:	±63.0'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-04	8:00 AM	±9.5'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
24				S-7: Soft, gray, CLAY.	23.5'	VARVED CLAY	39.5'	
25			1					
26	S-7	24	1					
27			1					
28				S-8: Soft, reddish brown, CLAY.				
29								
30			WOR					
31	S-8	24	WOH					
32			2	S-9: Very soft, reddish brown, CLAY.				
33			1					
34								
35								
36	S-9	24	WOR	S-10: Very soft, reddish brown, CLAY.				
37			WOH					
38			WOH					
39			WOH					
40				S-11: Soft, reddish brown, CLAY.				
41	S-10	24	WOR					
42			WOH					
43			1					
44			1	S-11: Soft, reddish brown, CLAY.				
45								
	S-11	24	WOH					
			WOH					

Remarks:	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-4		SHEET: 3 of 3			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK					
		DATE: MAY 4, 2022				GROUND SURFACE ELEVATION: ±63.0'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-04	8:00 AM	±9.5'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)							
47	S-11	24	2	S-12: Medium dense, reddish brown, fine to coarse SAND, some fine to coarse Gravel, some Silt.				CLAY		15.0'	
			2								
48											
49											
50											
51	S-12	15	10								
			11								
			11								
52			27								
				Bottom of Exploration ±52.0'						52.0'	11.0'
53											
54											
55											
56											
57											
58											
59											
60											
61											
62											
63											
64											
65											
66											
67											
68											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE		0-2 = VERY SOFT		C = ROCK CORE		trace = <10%	
				4-10 = LOOSE		2-4 = SOFT		S = SPLIT SPOON		little = 10% - 20%	
				10-30 = MEDIUM DENSE		4-8 = MEDIUM		UP = UNDISTURBED PISTON		some = 20% - 35%	
				30-50 = DENSE		8-15 = STIFF		UT = UNDISTURBED THINWALL		and = 35% - 50%	
				50+ = VERY DENSE		15-30 = VERY STIFF					
						30 + = HARD					

BORING LOG



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PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-5	SHEET:	1 of 2
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 4, 2022	GROUND SURFACE ELEVATION:	±65.0'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-04	11:30 AM	±9.2	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1				Top 2.5": ASPHALT.	0.2'	ASPHALT	64.8'	1
				Bottom 9.5": Reddish brown, fine to coarse SAND, little fine to coarse Gravel, trace Silt.				
2	S-1	18	9	S-1: Medium dense, Top 5": Reddish brown, fine to coarse SAND, some fine to coarse Gravel, little Debris (e.g., asphalt), trace Silt.		FILL		
			10	Bottom 13": Brown, fine to coarse SAND, little Silt.				
			11					
3			11		3.0'		62.0'	
				S-2: Medium dense, brown, fine to medium SAND, trace Silt.				
4	S-2	20	11					
			10					
5			10					
			5	S-3: Medium dense, brown, fine to coarse SAND, trace Silt.				
6	S-3	22	12					
			14					
7			15					
8								
9					9.2'	G.W.T. ▼	55.8'	
						SAND		
10			3	S-4: Loose, brown, fine to medium SAND, trace Silt.				
			5					
11	S-4	20	4					
			2					
12								
13								
14								
15			4	S-5: Top 17": Loose, brown, fine to medium SAND, trace Silt.				
			4	Bottom 1": Stiff, gray, CLAY.				
16	S-5	18	5		16.5'		48.5'	
			4					
17						CLAY		
18								
19								
20								
			1	S-6: Very soft, gray, CLAY.				
21	S-6	24	1					
			2					
22								

Remarks: 1. Soil classified from auger cuttings.	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-5		SHEET: 2 of 2										
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC												
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS												
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK												
		DATE: MAY 4, 2022				GROUND SURFACE ELEVATION: ±65.0'												
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:									
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER									
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-04	11:30 AM	±9.2	RIG MODEL:									
HMR. WT (LB.)		-	-	140	-				CME-55 LCX									
HMR. FALL (IN.)		-	-	30	-													
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark							
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)														
24				S-7: Soft, gray, CLAY.				27.0'	CLAY	38.0'								
25			WOH															
26	S-7	24	1															
26			1															
27			1	Bottom of Exploration ±27.0'														
28																		
29																		
30																		
31																		
32																		
33																		
34																		
35																		
36																		
37																		
38																		
39																		
40																		
41																		
42																		
43																		
44																		
45																		
Remarks:											NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
											0-4 = VERY LOOSE		0-2 = VERY SOFT		C = ROCK CORE		trace = <10%	
											4-10 = LOOSE		2-4 = SOFT		S = SPLIT SPOON		little = 10% - 20%	
											10-30 = MEDIUM DENSE		4-8 = MEDIUM		UP = UNDISTURBED PISTON		some = 20% - 35%	
											30-50 = DENSE		8-15 = STIFF		UT = UNDISTURBED THINWALL		and = 35% - 50%	
											50+ = VERY DENSE		15-30 = VERY STIFF					
											30 + = HARD							

BORING LOG



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PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-6	SHEET:	1 of 2
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 4, 2022	GROUND SURFACE ELEVATION:	±61.5'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-04	1:30 PM	±6.8'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1				Top 3": ASPHALT.	0.3'	ASPHALT	61.2'	1
				Bottom 9": Reddish brown, fine to coarse SAND, little fine to coarse Gravel, trace Silt.				
				S-1: Medium dense, Top 2": Reddish brown, fine to coarse SAND, some fine to coarse Gravel, some Silt.	1.5'	FILL	60.0'	
				Bottom 19": Brown, fine to medium SAND, little Silt.				
2	S-1	21	4					
			7					
			10					
3			6					
			6	S-2: Medium dense, dark brown, fine to medium SAND, little Silt.				
4	S-2	20	6					
			7					
			6					
5			4	S-3: Medium dense, brown, fine to medium SAND, little Silt.				
6	S-3	19	5					
			7					
7			8		6.8'	G.W.T. ▼	54.7'	
8								
9								
10								
			5	S-4: Medium dense, brown, fine to coarse SAND, trace Silt.		SAND		
11	S-4	22	6					
			5					
			6					
12								
13								
14								
15								
			4	S-5: Medium dense, brown, fine to coarse SAND, trace Silt.				
16	S-5	18	6					
			8					
			4					
17								
18								
					18.5'		43.0'	
19								
20								
			1	S-6: Medium, reddish brown, CLAY.		CLAY		
21	S-6	20	2					
			3					
			2					
22								

Remarks: 1. Soil classified from auger cuttings.	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-6		SHEET: 2 of 2			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK					
		DATE: MAY 4, 2022				GROUND SURFACE ELEVATION: ±61.5'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-04	1:30 PM	±6.8'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)							
24				S-7: Very soft, reddish brown, CLAY.				27.0'	CLAY	34.5'	
25			WOH								
26	S-7	24	1								
27			2	Bottom of Exploration ±27.0'							
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-7		SHEET: 1 of 2			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK					
		DATE: MAY 5, 2022				GROUND SURFACE ELEVATION: ±64.5'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-05	8:00 AM	±8.3'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)							
1				Top 2": ASPHALT. Middle 7": Reddish brown, fine to coarse SAND, little fine to coarse Gravel, trace Silt.				0.2'	ASPHALT	64.3'	1
				Bottom 3": Brown, fine to medium SAND, little Silt.				0.8'	FILL	63.7'	1
2	S-1	22	6	S-1: Medium dense, brown, fine to medium SAND, little Silt.				8.3'	G.W.T. ▼	56.2'	
			6								
			10								
3			10								
			7	S-2: Medium dense, brown, fine to medium SAND, little Silt.							
			7								
4	S-2	19	6								
			7								
			7								
5			3	S-3: Medium dense, brown, fine to coarse SAND, trace Silt.							
			5								
			5								
6	S-3	15	5								
			5								
			5								
7											
8											
9											
10											
11	S-4	20	2	S-4: Loose, brown, fine to coarse SAND, trace Silt.							
			1								
			3								
12			3								
13											
14											
15											
16	S-5	17	5	S-5: Loose, brown, fine to coarse SAND, trace Silt.							
			3								
			3								
17			5								
18											
19											
20											
21	S-6	16	2	S-6: Medium dense, brown, fine to coarse SAND, trace Silt.							
			6								
			5								
22			3								
Remarks: 1. Soil classified from auger cuttings.				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-7		SHEET: 2 of 2			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK					
		DATE: MAY 5, 2022				GROUND SURFACE ELEVATION: ±64.5'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-05	8:00 AM	±8.3'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)							
24				S-7: Soft, reddish brown, CLAY.				23.5'		41.0'	CLAY
25			WOH								
26	S-7	24	1								
			1								
			2								
27				Bottom of Exploration ±27.0'				27.0'		37.5'	
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

BORING LOG



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PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-8	SHEET:	1 of 3
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 5, 2022	GROUND SURFACE ELEVATION:	±62.5'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-05	11:00 AM	±6.2'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1				Top 3": ASPHALT. Middle 5": Reddish brown, fine to coarse SAND, little fine to coarse Gravel, trace Silt.	0.3'	ASPHALT	62.2'	1
			10	Bottom 4": Brown, fine to coarse SAND, little Silt, trace fine Gravel.				1
2	S-1	16	13	S-1: Medium dense, Top 6": Brown, fine to coarse SAND, little Silt, trace fine Gravel.	2.0'	FILL	60.5'	
			15	Bottom 10": Brown, fine to medium SAND, trace Silt.				
3			12					
4	S-2	24	14	S-2: Dense, brown, fine to medium SAND, little Silt.				
			16					
5			14					
			15					
6	S-3	21	4	S-3: Medium dense, brown, fine to medium SAND, trace Silt.	6.2'	G.W.T. ▼	56.3'	
			5					
7			7					
			7					
8								
9								
10								
11	S-4	24	6	S-4: Loose, brown, fine to coarse SAND, trace Silt.		SAND		
			5					
12			3					
			3					
13								
14								
15								
16	S-5	20	3	S-5: Medium dense, brown, fine to coarse SAND, trace Silt.				
			6					
17			4					
			2					
18					18.5'		44.0'	
19								
20								
21	S-6	24	WOH	S-6: Very soft, gray, CLAY.		CLAY		
			1					
22			1					

Remarks: 1. Soil classified from auger cuttings.	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-8		SHEET: 2 of 3																																			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC																																					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS																																					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK																																					
		DATE: MAY 5, 2022				GROUND SURFACE ELEVATION: ±62.5'																																					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:																																		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER																																		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-05	11:00 AM	±6.2'	RIG MODEL:																																		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX																																		
HMR. FALL (IN.)		-	-	30	-																																						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark																																
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)																																							
24				S-7: Very soft, reddish brown, CLAY.				CLAY																																			
25			WOH																																								
26	S-7	24	1																																								
			2	S-8: Very soft, reddish brown, CLAY.																																							
27																																											
28																																											
29																																											
30				S-9: Very soft, reddish brown, CLAY.																																							
31	S-8	24	WOR																																								
			WOH																																								
32			1																																								
33				S-10: Very soft, reddish brown, CLAY.																																							
34																																											
35																																											
36	S-9	24	WOR																																								
			WOH	S-11: Top 22": Very soft, reddish brown, CLAY. Bottom 2": Very loose, reddish brown, SILT, little fine Sand.																																							
37			1																																								
38			1																																								
39																																											
40				S-11: Top 22": Very soft, reddish brown, CLAY. Bottom 2": Very loose, reddish brown, SILT, little fine Sand.																																							
41	S-10	24	WOR																																								
			WOH																																								
42			1																																								
			2																																								
43																																											
44																																											
45																																											
	S-11	24	WOR																																								
			WOH																																								
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)																																		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE		0-2 = VERY SOFT																																		C = ROCK CORE		trace = <10%	
				4-10 = LOOSE		2-4 = SOFT																																		S = SPLIT SPOON		little = 10% - 20%	
				10-30 = MEDIUM DENSE		4-8 = MEDIUM																																		UP = UNDISTURBED PISTON		some = 20% - 35%	
				30-50 = DENSE		8-15 = STIFF																																		UT = UNDISTURBED THINWALL		and = 35% - 50%	
				50+ = VERY DENSE		15-30 = VERY STIFF																																					
						30+ = HARD																																					

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-8		SHEET: 3 of 3							
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC									
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS									
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK									
		DATE: MAY 5, 2022				GROUND SURFACE ELEVATION: ±62.5'									
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:						
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER						
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-05	11:00 AM	±6.2'	RIG MODEL:						
HMR. WT (LB.)		-	-	140	-				CME-55 LCX						
HMR. FALL (IN.)		-	-	30	-										
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark				
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)											
47	S-11	24	1	S-12: Medium dense, reddish brown, fine to coarse SAND, some fine to coarse Gravel, some Clayey Silt.				46.5'	CLAY	16.0'					
			1					47.3'	SILT	15.2'					
48								52.0'	GLACIAL TILL	10.5'					
49															
50															
51	S-12	13	5												
			8												
			12												
52			15												
				Bottom of Exploration ±52.0'											
53															
54															
55															
56															
57															
58															
59															
60															
61															
62															
63															
64															
65															
66															
67															
68															
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS					
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%					

BORING LOG



PROJECT:	SILVER LANE RESIDENTIAL DEVELOPMENT	BORING NO.:	SLR-9	SHEET:	1 of 2
LOCATION:	NUTMEG LANE, EAST HARTFORD, CONNECTICUT	CONTRACTOR:	SITE, LLC		
PROJ. NO:	141.16872.00009	FOREMAN:	J. DEANGELIS		
CLIENT:	SOLLI ENGINEERING, LLC	INSPECTOR:	R. GOWISNOCK		
DATE:	MAY 5, 2022	GROUND SURFACE ELEVATION:	±61.0'		

EQUIPMENT:	AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:
TYPE	HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER
SIZE ID (IN.)	2 1/4	-	1 3/8	-	2022-05-05	1:00 PM	±8.0'	RIG MODEL:
HMR. WT (LB.)	-	-	140	-				CME-55 LCX
HMR. FALL (IN.)	-	-	30	-				

Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)	DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
1	S-1	15	1	S-1: Loose, Top 12": Dark brown, fine to medium SAND, little Silt, trace fine Gravel, trace Organics.	1.0'	TOPSOIL	60.0'	
			3	Bottom 3": Reddish brown, fine to coarse SAND, fine to coarse Gravel, trace Silt.				
			4					
2			3					
3	S-2	12	3	S-2: Loose, brown, fine to coarse SAND, trace Silt, trace Organics.				
			4					
4			4					
			5		4.5'		56.5'	
5								
6	S-3	3	10	S-3: Medium dense, brown, fine to medium SAND, little Silt.				
			10					
7			9					
			9					
8					8.0'	G.W.T. ▼	53.0'	
9								
10								
11	S-4	6	7	S-4: Medium dense, brown, fine to coarse SAND, little Silt.				
			8					
12			6					
			6					
13								
14								
15								
16	S-5	16	8	S-5: Top 6": Loose, brown, fine to coarse SAND, trace Silt.	16.0'		45.0'	
			6	Bottom 10": Stiff, gray, CLAY.				
			3					
17			3					
18								
19								
20								
21	S-6	24	1	S-6: Soft, gray, CLAY.				
			1					
			1					
			1					
22								

Remarks:	NON-PLASTIC (SPT-N)	PLASTIC (SPT-N)	SAMPLE TYPE	PROPORTIONS
	0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE	0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30+ = HARD	C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL	trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%

BORING LOG

 SLR International Corporation 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com		PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT				BORING NO.: SLR-9		SHEET: 2 of 2			
		LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT				CONTRACTOR: SITE, LLC					
		PROJ. NO: 141.16872.00009				FOREMAN: J. DEANGELIS					
		CLIENT: SOLLI ENGINEERING, LLC				INSPECTOR: R. GOWISNOCK					
		DATE: MAY 5, 2022				GROUND SURFACE ELEVATION: ±61.0'					
EQUIPMENT:		AUGER	CASING	SAMPLER	COREBRL.	GROUNDWATER DEPTH (FT.)			TYPE OF RIG:		
TYPE		HSA	-	SS	-	DATE	TIME	WATER DEPTH	TRACK W/ AUTOMATIC HAMMER		
SIZE ID (IN.)		2 1/4	-	1 3/8	-	2022-05-05	1:00 PM	±8.0'	RIG MODEL:		
HMR. WT (LB.)		-	-	140	-				CME-55 LCX		
HMR. FALL (IN.)		-	-	30	-						
Depth (FT)	SAMPLE NUMBER	RECOVERY (IN)	BLOWS PER 6"	SOIL AND ROCK CLASSIFICATION-DESCRIPTION				DEPTH (FT.)	STRATUM DESCRIPTION	ELEV. (FT.)	Remark
				BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK)							
24				S-7: Very soft, reddish brown, CLAY.				27.0'	CLAY	34.0'	
25											
26	S-7	24	WOR								
			WOH								
			WOH								
27			1	Bottom of Exploration ±27.0'							
28											
29											
30											
31											
32											
33											
34											
35											
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43											
44											
45											
Remarks:				NON-PLASTIC (SPT-N)		PLASTIC (SPT-N)		SAMPLE TYPE		PROPORTIONS	
				0-4 = VERY LOOSE 4-10 = LOOSE 10-30 = MEDIUM DENSE 30-50 = DENSE 50+ = VERY DENSE		0-2 = VERY SOFT 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY STIFF 30 + = HARD		C = ROCK CORE S = SPLIT SPOON UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL		trace = <10% little = 10% - 20% some = 20% - 35% and = 35% - 50%	

Appendix 3

Limitations

GEOTECHNICAL LIMITATIONS

Explorations

1. The analysis and recommendations submitted in this report are based in part upon the data obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until construction. If variations then appear evident, it will be necessary to reevaluate the recommendations of this report.
2. The generalized soil profile described in the text is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed from interpretations of widely spaced explorations and samples; actual soil transitions are probably more erratic. For specific information, refer to the boring logs.
3. Water level readings have been made at the times and under the conditions stated on the boring logs. This data has been reviewed and interpretations made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, temperature and other factors occurring since the time measurements were made.

Review

4. In the event that any changes in the nature, design or location of the proposed structure is planned, the conclusions and recommendations contained in this report shall not be considered valid unless the changes are reviewed and conclusions of this report modified or verified in writing by Solli Engineering, LLC. It is recommended that this firm be provided with the opportunity for a general review of final design and specifications in order that earthwork and geotechnical recommendations may be properly interpreted and implemented in the design and specifications.

Use of Report

5. This report has been prepared for the exclusive use of Zelman Real Estate & Jasko Development, LLC and their design team for specific application to the Proposed Redevelopment that will be located at 936-960 Silver Lane in East Hartford, Connecticut in accordance with generally accepted soil and foundation engineering practices. No other warranty, express or implied, is made.