

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

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 slabon-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

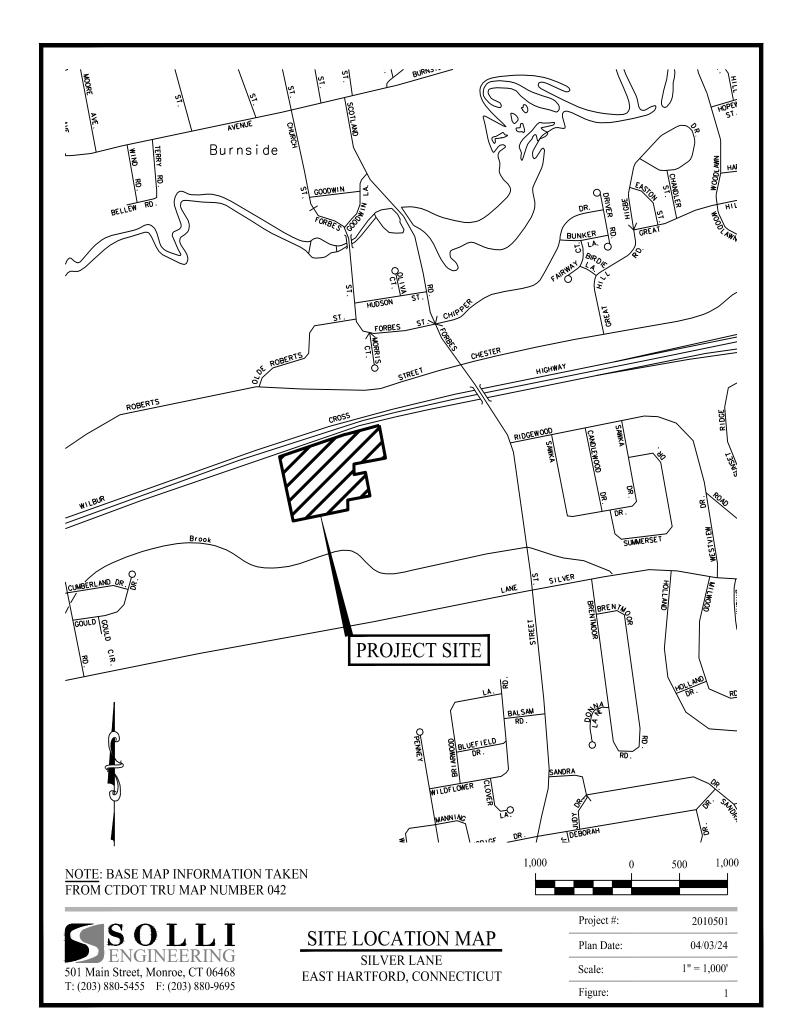
Appendix 2 – Boring Logs Appendix 3 – Limitations

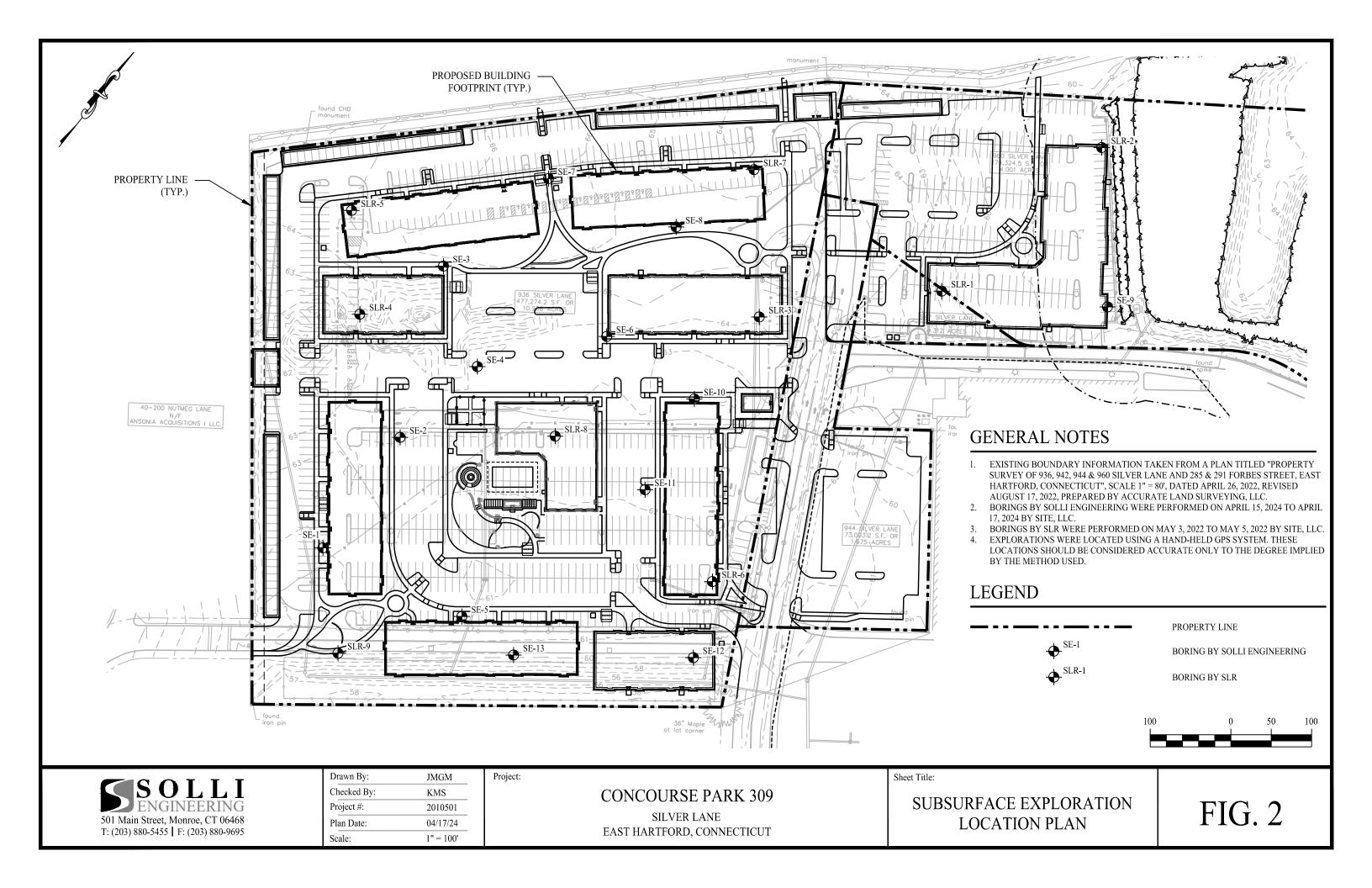


Appendix 1

Figures







Appendix 2

Boring Logs



| | CO | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | MENT | | BORING N | NO.: SE-1 | | SHEET: 1 of 1 | | |
|-------------------|--|------------------|-----------------|----------------|------------------------------|----------------------------|----------------------------|----------------|------------------------------|-------------|--|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | T | CONTRAC | CTOR: SITE, I | LLC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | n Street, Mo | nroe, CT 06468 | CLIENT: ZI | ELMAN REAL | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | OR: J. KIDD | | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 15, 2024 | | | | GROUND | SURFACE EI | LEVATIO | ON: ±62.0' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEP | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | I | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-15 | - | | ±8.1' | | RIG MODEL: | | |
| HMR. W | /T (LB.) | - | - | 140 | - | - | - | | - | | | | |
| HMR. F. | ALL (IN.) | - | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | S | OIL AND RO | OCK CLASS | IFICATION-DI | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | | Top 3.25" Asp | halt. | | | | | 0.3' | ASPHALT | 61.7' | 1 |
| 1 | | | 4 | S-1: Medium | dense, | | | | | | | | |
| | S-1 | 21 | 9 | | | |), little Silt, trace | Debris (e.g. I | Brick). | | | | |
| 2 | | | 8 | | | nedium SAND edium SAND, | | | | | | | |
| 3 | | | 4 | 4 | * | , | ND, some Silt. | | | | | | |
| | S-2 | 23 | 4 | | | | | | | | FILL | | |
| 4 | | | 5 9 | | | | | | | | | | |
| 5 | | | | İ | | | | | | | | | |
| | | | 5 4 | S-3: Loose, | brown fine to | medium SAND |) some Silt | | | 6.0' | | 56.0' | |
| 6 | 6 S-3 21 5 Bottom 12": Light brown, fine to coarse SAND, trace Silt. | | | | | | | | | | | 30.0 | |
| 7 | | | | | | | | | | | | | |
| | | | | | | | | | | | | 53.9' | |
| 8 | | | | | | | | | | 8.1' | <u>v</u> | 33.7 | 9 |
| 9 | | | | | | | | | | | | | |
| 10 | | | 3 | S 4: Loose gr | av fine to con | rse SAND, trac | a Silt | | | | | | |
| 11 | S-4 | 23 | 3 | 5-4. Loose, gi | ay, mic to coal | se shirt, trac | c on. | | | | | | |
| 11 | 3-4 | 23 | 3 | | | | | | | | SAND | | |
| 12 | | | 5 | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | |] | | | | | | | | | |
| 15 | | | 6 | S-5: Non-plas | tic and plastic. | | | | | | | | |
| 16 | S-5 | 18 | 6 | | | | SAND, trace Silt | | | | | | |
| 17 | | | 2 | Bottom 4": St | iff, reddish-bro | wn, CLAY. | | | | 16.5' | | 45.5' | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | , | | |
| 20 | | | | | | | | | | | CLAY | | |
| | S-6 | 23 | WOR WOR | S-6: Very soft | , reddish-brow | n, CLAY. | | | | | | | |
| 21 S-6 23 1 | | | | | | | | | 22.0' | | 40.0' | | |
| | | | | - | | Bottom of Ex | ploration ±22.0'. | | | | | | |
| 23 | | | |] | | | | | | | | | |
| 24 | | | |] | | | | | | | | | |
| Remarks | s: | | | I | NON-PLAS | TIC (SPT-N) | PLASTIC (| SPT-N) | SAMPLE 7 | ТҮРЕ | PROPORT | IONS | - |
| | | olt | | | 0-4 = VERY L | OOSE | 0-2 = VERY SO | | C = ROCK CO | | trace = <10% | | |
| 1. Auger | through asph | iait. | | | 4-10 = LOOSE 10-30 = MEDI | | 2-4 = SOFT 4-8 = MEDIUM | | S = SPLIT SP UP = UNDISTU | | little = 10% - 20% some = 20% - 35% | | |
| | | | | | 30-50 = DENS | | 8-15 = STIFF | | PISTON | | and = 35% - 50% | | |
| | | | | | 50+ = VERY Γ | | 15-30 = VERY ST | riff | UT = UNDISTU THINWALL | URBED | | | |
| | | | | | | | 30 + = HARD | | THENWALL | | | | |

| | C O | ттт | PROJECT: | PROPOSED I | REDEVELOP | MENT | | BORING N | O.: SE-2 | | SHEET: 1 of 1 | | |
|---|---------------|-----------------|------------|--------------------------------|------------------------------|------------------|--------------------------------|-----------|-----------------------------|-------------|------------------------------------|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | T | CONTRAC | TOR: SITE, I | LLC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | n Street, Moi | nroe, CT 06468 | CLIENT: ZI | ELMAN REAL | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | R: J. KIDD | | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 15, 2024 | | | | GROUND | SURFACE EI | LEVATIO | ON: ±63.0' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEPT | TH (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | _ | SS | - | DATE | TIME | WA | ATER DEPTH | I | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-15 | - | | ±7.3' | | RIG MODEL: | | |
| HMR. W | T (LB.) | _ | - | 140 | - | - | - | | - | | 1 | | |
| HMR. F. | ALL (IN.) | _ | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H | SAMPLE | RECOVERY | BLOWS | S | OIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIO |)N | DEPTH (FT.) | STRATUM | ELEV. (FT.) | Remark |
| (FT) | NUMBER | (IN) | PER 6" | | | 0 011 021 100 | | | | | DESCRIPTION | | Rer |
| | | | | Top 3.25": As Bottom 10": R | | , fine to mediur | n SAND, little si | lt. | | 0.3' | ASPHALT | 62.7' | 1 |
| 1 | | | 5 | 4 | | | SAND, little Sil | | | | | | |
| 2 | S-1 | 24 | 10 12 | | | | | | | | | | |
| 2 | | | 10 | | | | | | | | FILL | | |
| 3 | | | 10 | S-2: Medium | | | | | | | | | |
| 4 | S-2 | 24 | 9 | | | ium SAND, lit | tle Silt. AND, little Silt. | | | | | | |
| 5 | | | 8 |] | | | | | | 5.0' | | 58.0' | |
| | | | 9 | S-3: Medium | dense, brown, | fine to medium | SAND, little Sil | t. | | | | | |
| 6 | 6 S-3 23 10 0 | | | | | | | | | | | | |
| 7 9 | | | | | | | | | | 7.3' | | 55.7' | |
| | | | | | | | | | | 7.3 | V | 33.7 | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | 3 | S-4: Loose, gr | av-brown fine | to coarse SAN | D trace Silt | | | | | | |
| 11 | S-4 | 24 | 3 | 5 <u>Leese</u> , g. | u) 010 mi, 11110 | to course sin | 2, | | | | | | |
| 11 | 5-4 | 24 | 2 2 | | | | | | | | SAND | | |
| 12 | | | | İ | | | | | | | SAND | | |
| 13 | | | |] | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | 3 | S-A: Loose ar | av fine to coar | rse SAND, trac | e Silt | | | | | | |
| 16 | S-5 | 24 | 2 | 5-4. Loose, gr | ay, fine to coaf | se sand, nac | c siit. | | | | | | |
| 10 | 3-3 | 24 | 4 5 | | | | | | | | | | |
| 17 | | | 5 | | | | | | | | | | |
| 18 | | | |] | | | | | | 18.5' | | 44.5' | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| | S-6 | 24 | 1 | S-6: Soft, redd | lish-brown, CL | AY. | | | | | CLAY | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | 22.0' | | 41.0' | |
| Bottom of Exploration ±22.0'. | | | | | | | | | | | | | |
| 23 | | | | 1 | | | | | | | | | |
| 24 | | | | 1 | | | | | | | | | |
| Remarks | s: | I | | <u> </u> | NON-PLAS | | PLASTIC (| | SAMPLE | ТҮРЕ | PROPORT | IONS | |
| 1. Auger | through asph | alt. | | | 0-4 = VERY L 4-10 = LOOSE | | 0-2 = VERY SO 2-4 = SOFT | | C = ROCK CO S = SPLIT SP | | trace = <10% little = 10% - 20% | | |
| | -9 aspin | | | | 10-30 = MEDI | | 2-4 = SOF 1 4-8 = MEDIUM | | UP = UNDIST | | some = 20% - 35% | | |
| | | | | | 30-50 = DENS 50+ = VERY I | | 8-15 = STIFF 15-30 = VERY S | | PISTON UT = UNDIST | Пррег | and = 35% - 50% | | |
| | | | | | JUI - VERT I | | 15-30 = VERY S $30 + = HARD$ | | THINWALL | KDED | | | |

| | C O | ттт | PROJECT: | PROPOSED I | REDEVELOP | MENT | | BORING N | NO.: SE-3 | | SHEET: 1 of 1 | | |
|---|------------------|------------------|-----------------|-----------------|-----------------------------|----------------------------|-------------------------------------|-----------------|------------------------------|--------------|--|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | T | CONTRAC | C TOR: SITE, I | LLC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | in Street, Mo | nroe, CT 06468 | CLIENT: ZI | ELMAN REAL | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | OR: J. KIDD | | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 15, 2024 | | | | GROUND | SURFACE EI | LEVATIO | ON: ±65.5' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEP | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | I | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-15 | - | | ±8.8' | | RIG MODEL: | | |
| HMR. W | VT (LB.) | - | - | 140 | - | - | - | | - | | CME-55 LCX | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | CME-33 LCA | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | s | OIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | 1 | S-1: Loose, | · · · | II CAND | 0.1 | D . | | 0.6' | TOPSOIL | 64.9' | |
| 1 | S-1 | 20 | 5 4 | | | medium SAND nedium SAND |), some Silt, trace , some Silt. | Roots. | | | | | |
| 2 | | | 3 | | , | | , | | | | | | |
| _ | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | FILL | | |
| 5 | | | 2 | S-2: Loose, br | own, fine to co | oarse SAND. lit | ttle fine to mediu | m gravel, littl | e Silt. | | | | |
| 6 | S-2 | 6 | 3 | trace Debris (e | | | | 8 | , | | | | |
| | 5 2 | v | 2 | | | | | | | | | | |
| 7 2 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | Q 51 | | 57.0' | |
| 9 | | | | | | | | | | 8.5' 8.8' | | 56.7' | |
| | | | | | | | | | | | | | |
| 10 | | | 3 | S-3: Medium | dense, gray-bro | own, fine to coa | arse SAND, trace | Silt. | | | | | |
| 11 | S-3 | 18 | 5 5 | | | | | | | | | | |
| 12 | | | 6 | 1 | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | SAND | | |
| 15 | | | | | | ~ | C.1375 | ~ | | | | | |
| | | | 4 | S-4: Medium | dense, gray-bro | own, fine to coa | arse SAND, trace | Silt. | | | | | |
| 16 | S-4 | 24 | 6 |] | | | | | | | | | |
| 17 | | | 2 | | | | | | | | | | |
| 18 | | | | | | | | | | 18.5' | | 47.0' | |
| 19 | | | |] | | | | | | | | | |
| | | | | } | | | | | | | | | |
| 20 | | | 1 | S-5: Soft, redd | lish-brown, CL | AY. | | | | | CLAY | | |
| 21 S-5 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | 22.0' | | 43.5' | |
| 22 Bottom of Exploration ±22.0'. | | | | | | | | | | 22.0 | | 43.3 | |
| 23 | | | | | | | | | | | | | |
| 24 | | | |] | | | | | | | | | |
| Remarks | p.• | | | <u> </u> | NON-PLAS | TIC (SPT N) | PLASTIC (| SPT-N\ | SAMPLE 7 | TVPF | PROPORT | PAGE | Щ |
| Acmarks | | | | | 0-4 = VERY L | | 0-2 = VERY SO | | C = ROCK CO | ORE | trace = <10% | - 5:15 | |
| | | | | | 4-10 = LOOSE | | 2-4 = SOFT | | S = SPLIT SP UP = UNDISTU | | little = 10% - 20% some = 20% - 35% | | |
| | | | | | 10-30 = MEDI $30-50 = DENS$ | | 4-8 = MEDIUM 8-15 = STIFF | | OP = UNDISTO PISTON | KDED | and = 35% - 50% | | |
| | | | | | 50+ = VERY I | | 15-30 = VERY S | ГIFF | UT = UNDISTU | URBED | | | |
| | | | | | | | 30 + = HARD | | THINWALL | | | | |

| | C O | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | MENT | | BORING N | NO.: SE-4 | | SHEET: 1 of 1 | | |
|-------------------|------------------|------------------|-----------------|-----------------|-----------------------------|------------------|--|-------------|------------------------|----------------|-------------------------------------|----------------|--------|
| 5 | SUCIN | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | T | CONTRAC | CTOR: SITE, I | LC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | in Street, Mo | nroe, CT 06468 | CLIENT: ZI | ELMAN REAL | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | OR: J. KIDD | | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 15, 2024 | | | | GROUND | SURFACE EI | EVATIO | ON: ±64.0' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEP | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | [| TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-15 | - | | ±7.8' | | RIG MODEL: | | |
| HMR. W | VT (LB.) | - | - | 140 | - | - | - | | - | | CME 55 LCV | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | s | OIL AND RO | OCK CLASS | IFICATION-DI | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | 1 | S-1: Loose, | · · · · · · | L' CANE | 0.14 | Donto | | 0.3' | TOPSOIL | 63.7' | |
| 1 | S-1 | 15 | 6 | _ | | |), some Silt, trace some Silt, trace fi | | | | | | |
| 2 | | | 4 |] | | | | Ü | | | | | |
| | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | FILL | | |
| 5 | | | 2 | S-2: Loose, bl | ack, fine GRA | VEL. little fine | Sand, trace Silt. | | | | | | |
| 6 | S-2 | 8 | 2 | 5 2. E005c, 01 | uen, inie Gier | vez, muc ime | Suna, trace Sitt. | | | | | | |
| | 5-2 | Ö | 2 2 | | | | | | | | | | |
| 7 | | | L | j | | | | | | 7.8' | lacksquare | 56.2' | |
| 8 | | | | | | | | | | 8.5' | | 55.5' | |
| | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | 3 | S-3: Loose, gr | ay-brown, fine | to medium SA | ND, little Silt. | | | | | | |
| 11 | S-3 | 24 | 4 | | | | | | | | | | |
| | | | 3 4 | | | | | | | | | | |
| 12 | | | 7 | j | | | | | | | | | |
| 13 | | | | | | | | | | | SAND | | |
| 14 | | | | | | | | | | | SAND | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | 2 | S-4: Loose, gr | ay-brown, fine | to medium SA | ND, little Silt. | | | | | | |
| 16 | S-4 | 22 | 3 | | | | | | | | | | |
| | | | 3 | 1 | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | |] | | | | | | 18.5' | | 45.5' | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | 1 | | | | | | | | | |
| | | | WOH 1 | S-5: Soft, redo | lish-brown, CL | AY. | | | | | CLAY | | |
| 21 | S-5 | 20 | 1 | | | | | | | 22.01 | | 42.01 | |
| 22 | | | 1 | | | Bottom of Ex | ploration ±22.0'. | | | 22.0' | | 42.0' | |
| 23 | | | |] | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 24 | | | | | NON BY 100 | FIG (CBT **) | pr comes | CDT N | CIBERT | EX/DE | BBOBOE~ | IONG | |
| Remarks | s: | | | | NON-PLAS' 0-4 = VERY L | | PLASTIC (0-2 = VERY SO | | SAMPLE C | | PROPORT trace = <10% | IUNS | |
| | | | | | 4-10 = LOOSE | 1 | 2-4 = SOFT | | S = SPLIT SP | OON | little = 10% - 20% | | |
| | | | | | 10-30 = MEDI $30-50 = DENS$ | | 4-8 = MEDIUM 8-15 = STIFF | | UP = UNDISTU PISTON | RBED | some = 20% - 35% and = 35% - 50% | | |
| | | | | | 50+ = VERY I | DENSE | 15-30 = VERY S | FIFF | UT = UNDISTU | JRBED | | | |
| | | | | | | | 30 + = HARD | | THINWALL | | | | |

| | $C \cap$ | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | PMENT | | BORING N | O.: SE-5 | | SHEET: 1 of 1 | | |
|-------------------|------------------|------------------|-----------------|-----------------|------------------------------|--------------------|-------------------------------|------------|-----------------------------|----------------|------------------------------------|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | CT | CONTRAC | CTOR: SITE, I | LC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Ma | in Street, Mo | nroe, CT 06468 | CLIENT: ZI | ELMAN REAL | ESTATE & J | ASKO DEVEI | OPMENT, LLC | INSPECTO | OR: J. KIDD | | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 15, 2024 | | | | GROUND | SURFACE EI | EVATION | ON: ±61.5' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEPT | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | [| TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-15 | - | | ±8.6' | | RIG MODEL: | | |
| HMR. V | VT (LB.) | - | - | 140 | - | - | - | | = | | | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | | | OCK CLASS | IFICATION-D | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | 2 | Top 4.5": Asp | | ID little Silt to | race Debris (e.g. 0 | Congrata) | | 0.4' | ASPHALT | 61.1' | 1 |
| 1 | G 1 | 10 | 4 | 3-1. Loose, 01 | own, fine SAN | D, little Siit, ti | lace Deolis (e.g. v | concrete). | | | | | |
| 2 | S-1 | 19 | 4 | 1 | | | | | | | | | |
| | S-2 | 0 | 5 50/0 | No Recovery. | | | | | | | FILL | | |
| 3 | 52 | v | 3070 | 110 11000 10191 | | | | | | | TIEE | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | 6 | S-3: Medium | dense. | | | | | 5.5' | | 56.0' | , |
| 6 | S-3 | 22 | 5 | Top 5": Black | , fine SAND, s | | | | | | | | |
| | 5 5 | | 9 | Bottom 17": C | Gray-brown, fin | ne to medium S | SAND, little Silt. | | | | | | |
| 7 | | | , , | | | | | | | | | | |
| 8 | | | | | | | | | | 0.61 | | 52.01 | |
| | | | | | | | | | | 8.6' | _ | 52.9' | |
| 9 | | | | | | | | | | | | | |
| 10 | | | 3 | S-4: Loose, gr | ay, fine to coar | rse SAND, littl | e Silt. | | | | | | |
| 11 | S-4 | 21 | 3 | ,,, | J, | , | | | | | | | |
| | 5 1 | 21 | 3 | | | | | | | | | | |
| 12 | | | 3 | ļ | | | | | | | | | |
| 13 | | | | | | | | | | | SAND | | |
| 14 | | | | | | | | | | | SAND | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | 4 | S-5: Loose, gr | ay-brown, fine | to coarse SAN | D, trace Silt. | | | | | | |
| 16 | S-5 | 24 | 4 |] | | | | | | | | | |
| | | | 3 | | | | | | | | | | |
| 17 | | | | 1 | | | | | | | | | |
| 18 | | | | { | | | | | | 18.5' | | 43.0' | |
| 19 | | | | 1 | | | | | | | | | |
| | | | | 1 | | | | | | | | | |
| 20 | | | 0 | S-6: Soft, redo | dish-brown, CI | ΔAY. | | | | | CLAY | | |
| 21 | S-6 | 24 | 1 | | | | | | | | | | |
| 22 | | | 2 | | | D CF | 1 | | | 22.0' | | 39.5' | , |
| | | | | | | Bottom of Ex | ploration ±22.0'. | | | | | | |
| 23 | | | |] | | | | | | | | | |
| 24 | | | | - | | | | | | | | | |
| Remark | s: | I . | <u> </u> | 1 | | TIC (SPT-N) | PLASTIC (| | SAMPLE 7 | | PROPORT | IONS | _ |
| 1. Auger | through asph | alt. | | | 0-4 = VERY L 4-10 = LOOSE | | 0-2 = VERY SO 2-4 = SOFT | | C = ROCK CO S = SPLIT SP | | trace = <10% little = 10% - 20% | | |
| 1.1.3501 | | == | | | 10-30 = LOOSE $10-30 = MEDI$ | | 2-4 = SOF I 4-8 = MEDIUM | | UP = UNDISTU | | some = 20% - 35% | | |
| | | | | | 30-50 = DENS | | 8-15 = STIFF | | PISTON | IDDEP | and = 35% - 50% | | |
| | | | | | 50+ = VERY I | JENSE | 15-30 = VERY S' $30 + = HARD$ | | UT = UNDISTU THINWALL | KBED | | | |

| | | T T T | PROJECT: | PROPOSED | REDEVELOP | PMENT | | BORING N | NO.: SE-6 | | SHEET: 1 of 2 | | |
|-------------------|------------------|------------------|-----------------|----------------|--------------------------------------|----------------|--------------------------------------|--------------|----------------------------|----------------|------------------------------------|----------------|--------|
| 5 | ENGIN | L L I EERING | LOCATION | N: SILVER LA | ANE, EAST H | ARTFORD, C | CT | CONTRAC | C TOR: SITE, I | LLC | | | |
| | ENGIN | DIMMA | PROJ. NO: | 2010501 | | | | FOREMA | N: J. DEANGE | ELIS | | | |
| 501 Ma | in Street, Mo | nroe, CT 06468 | CLIENT: Z | ELMAN REAI | L ESTATE & J | ASKO DEVEI | LOPMENT, LLC | INSPECTO | OR: J. MONTA | AGNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | XIL 16, 2024 | | | | GROUND | SURFACE EI | LEVATI | ON: ±64.0' | | |
| EQUIP | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | ATER DEP | TH (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | W | ATER DEPTI | I | TRACK W/ AUTO | HAMM | ίER |
| SIZE ID |) (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-16 | - | | ±6.4' | | RIG MODEL: | | |
| HMR. V | VT (LB.) | - | - | 140 | - | - | - | | - | | CME 55 LCV | | |
| HMR. F | FALL (IN.) | - | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | s | SOIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | 1 | S-1: Loose, | | I' CANT | CIL IIII | r c 1 | . D. | 0.5' | TOPSOIL | 63.5' | |
| 1 | S-1 | 22 | 6 | | brown, fine to a | |), some Silt, little little Silt. | fine Gravel, | trace Roots. | | | | |
| 2 | | | 3 | | , | , | | | | | | | |
| _ | | | | - | | | | | | | FILL | | |
| 3 | | | | | | | | | | | FILL | | 1 |
| 4 | | | | | | | | | | | | | |
| _ | | | | | | | | | | 5.0' | | 59.0' | ,• |
| 5 | | | 7 | S-2: Medium | | | | | | | | | 1 |
| 6 | S-2 | 24 | 7 | | n, fine to medio Brown, fine to c | | | | | 6.4' | | 57.5' | |
| 7 | | | | 0.1 | | 37.3 | 1 | | | | | | |
| , | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | - | | | | | | | | | |
| 10 | | | 2 | S-3: Loose, bi | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 11 | S-3 | 22 | 3 2 | - | | | | | | | | | |
| 12 | | | 2 | 1 | | | | | | | | | |
| | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | - | | | | | | | | | |
| 15 | | | | | | | | | | | SAND | | |
| 13 | | | 2 | S-4: Loose, bi | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 16 | S-4 | 24 | 4 | _ | | | | | | | | | |
| 17 | | | 3 | 1 | | | | | | | | | |
| | | | | - | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | 1 | | | | | | | | | |
| 20 | | | 3 | S-5: Loose, bi | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 21 | S-5 | 20 | 4 | <u> </u> | | | | | | | | | 1 |
| 22 | | | 4 | 4 | | | | | | | | | 1 |
| 22 | | | | 1 | | | | | | | | | 1 |
| 23 | | | |] | | | | | | 23.5' | | 40.5 | |
| 24 | | | | 1 | | | | | | | CLAY | | |
| Remark | s: | | | | | TIC (SPT-N) | PLASTIC (| | SAMPLE | | PROPORT | IONS | |
| 1. Topso | il found in au | iger spoils. | | | 0-4 = VERY L 4-10 = LOOSE | | 0-2 = VERY SO 2-4 = SOFT | FT | C = ROCK C S = SPLIT SP | | trace = <10% little = 10% - 20% | | |
| | | - | | | 10-30 = MEDI | UM DENSE | 4-8 = MEDIUM | I | UP = UNDIST | | some = 20% - 35% | | |
| | | | | | 30-50 = DENS 50+ = VERY I | | 8-15 = STIFF 15-30 = VERY S | TIFF | PISTON UT = UNDIST | HBBED | and = 35% - 50% | | |
| | | | | | SUI - VERTI | JUNE . | 30 + = HARD | | THINWALL | CKDED | | | |

| | C O | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | MENT | | BORING N | O.: SE-6 | | SHEET: 2 of 2 | | |
|-------------------|------------------|------------------|-----------------|----------------|------------------------------|--------------|--------------------------------|-----------|------------------------------|----------------|--|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | : SILVER LA | NE, EAST H | ARTFORD, C | CT | CONTRAC | CTOR: SITE, I | LC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | n Street, Moi | nroe, CT 06468 | CLIENT: ZI | ELMAN REAI | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | R: J. MONTA | GNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 16, 2024 | | | | GROUND | SURFACE EI | EVATIO | ON: ±64.0' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | ATER DEPT | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | ĺ | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-16 | - | | ±6.4' | | RIG MODEL: | | |
| HMR. V | | - | - | 140 | - | - | - | | - | | CME-55 LCX | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | s | OIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| 25 | | | WOH | S-6: Very soft | , reddish-brow | n, CLAY. | | | | | | | |
| 26 | S-6 | 23 | WOH | 2 0. Yely 2011 | , readible elem | , 02.111 | | | | | CLAY | | |
| | | | 1 2 | | | | | | | 27.0' | | 37.0' | |
| 27 | | | - | | | Bottom of Ex | ploration ±27.0'. | | | 27.0 | | 37.0 | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| Remark | s: | | | | NON-PLAS | ΓΙC (SPT-N) | PLASTIC (| (SPT-N) | SAMPLE 1 | ГҮРЕ | PROPORT | IONS | |
| | | | | | 0-4 = VERY L | | 0-2 = VERY SO | | C = ROCK CO S = SPLIT SPO | | trace = <10% | | |
| | | | | | 4-10 = LOOSE 10-30 = MEDI | | 2-4 = SOFT 4-8 = MEDIUM |] | UP = UNDISTU | | little = 10% - 20% some = 20% - 35% | | |
| | | | | | 30-50 = DENS 50+ = VERY I | | 8-15 = STIFF 15-30 = VERY S | | PISTON UT = UNDISTU | IRBED | and = 35% - 50% | | |
| | | | | | JUI - VERT L | | 15-30 = VERY S 30 + = HARD | 1111 | THINWALL | KDED | | | |

| | 19 0 | ттт | PROJECT: | PROPOSED | REDEVELOF | PMENT | | BORING N | NO.: SE-7 | | SHEET: 1 of 1 | | |
|-------------------|-----------------------------------|------------------|-----------------|---------------|--|------------------|---|-----------------|---|-------------|---|-------------|---------|
| 5 | ENCIN | L L I EERING | LOCATION | N: SILVER LA | ANE, EAST H | ARTFORD, C | CT | CONTRAC | CTOR: SITE, | LLC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMA | N: J. DEANG | ELIS | | | |
| 501 Ma | in Street, Mo | nroe, CT 06468 | CLIENT: Z | ELMAN REAI | L ESTATE & J | ASKO DEVEI | LOPMENT, LLC | INSPECTO |)R: J. MONT | AGNO | | | |
| T: (203) |) 880-5455 F: | (203) 880-9695 | DATE: APF | RIL 16, 2024 | | | | GROUND | SURFACE F | LEVATI | ON: ±66.5' | | |
| EQUIP | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDW | ATER DEP | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | W | ATER DEPT | Ή | TRACK W/ AUTO |) HAMM | íER |
| SIZE II |) (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-16 | - | | ±8.4' | | RIG MODEL: | | |
| HMR. V | WT (LB.) | - | - | 140 | - | - | - | | - | | CLE CLI CV | | |
| HMR. I | FALL (IN.) | - | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | S | SOIL AND R | OCK CLASS | IFICATION-D |)ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | | | | .5" Brown, fine | e to medium SAN | ND, trace Silt. | | 0.3' | ASPHALT | 66.2 | 1 |
| 1 | | | 6 8 | S-1: Medium | dense, wn, fine to med | lium SAND tr | ace Silt | | | | | | |
| 2 | S-1 | 18 | 10 | | rown, fine to me | , | | | | | | | |
| | | | 8 | 1 | | | | | | | FILL | | |
| 3 | | | | 1 | | | | | | | FILL | | 2 |
| 4 | | | | | | | | | | | | | |
| 5 | | | 4 | S-2: Loose, | | | | | | 5.0' | | 61.5 | : |
| | S-2 | 20 | 5 | | n, fine to medi | um SAND, littl | le Silt. | | | | | | |
| 6 | 5-2 | 20 | 4 | 4 | Brown, fine to c | | | | | | | | |
| 7 | | | 3 | Bottom 3": Bi | rown, fine to m | lealum SAND, | some Siit. | | | | | | |
| 8 | | | | | | | | | | | _ | | |
| | | | | 4 | | | | | | 8.4' | V | 58.1' | i |
| 9 | | | | <u> </u> | | | | | | | | | |
| 10 | | | 3 | S-3: Medium | dense brown | fine to coarse S | SAND, trace Silt. | | | | | | |
| 11 | S-3 | 15 | 6 | 5 5. Wediam | dense, orown, | inic to course s | or it vib, trace one. | • | | | | | |
| 11 | 5-3 | 13 | 6 4 | 1 | | | | | | | | | |
| 12 | | | 4 | † | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 1.4 | | | | 1 | | | | | | | | | |
| 14 | | | | | | | | | | | SAND | | |
| 15 | | | 3 | S-4: Loose, b | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 16 | S-4 | 23 | 4 | | | | | | | | | | |
| | | | 5 | 4 | | | | | | | | | |
| 17 | | | | <u> </u> | | | | | | | | | |
| 18 | | | | 1 | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 17 | | | | 1 | | | | | | | | | |
| 20 | | | 3 | S-5: Loose, b | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 21 | S-5 | 22 | 3 | | | | | | | | | | |
| 22 | | | 2 2 | 1 | | | | | | | | | |
| 22 | | | |] | | | | | | | | | |
| 23 | | | | 1 | | | | | | 23.5' | | 43.0' | , |
| 24 | | | |] | | | | | | | CLAY | | 1 |
| Remark | ζε· | <u> </u> | | | NON-PLAS | TIC (SPT-N) | PLASTIC | (SPT-N) | SAMPLE | ТҮРЕ | PROPORT | TIONS | <u></u> |
| | | | | | 0-4 = VERY L | | 0-2 = VERY SO | | C = ROCK (| CORE | trace = <10% | -5.10 | |
| | r through aspl oil found in au | | | | 4-10 = LOOSE 10-30 = MEDI 30-50 = DENS 50+ = VERY I | UM DENSE E | 2-4 = SOFT 4-8 = MEDIUM 8-15 = STIFF 15-30 = VERY S 30 + = HARD | | S = SPLIT S UP = UNDIST PISTON UT = UNDIST THINWALL | TURBED | little = 10% - 20% some = 20% - 35% and = 35% - 50% | | |

| | C O | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | MENT | | BORING N | O.: SE-7 | | SHEET: 2 of 2 | | |
|-------------------|------------------|------------------|-----------------|-----------------|------------------------------|--------------|------------------------------|-----------|------------------------|----------------|-------------------------------------|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | T | CONTRAC | CTOR: SITE, I | LC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | in Street, Moi | nroe, CT 06468 | CLIENT: ZI | ELMAN REAI | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | R: J. MONTA | GNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 16, 2024 | | | | GROUND | SURFACE EI | EVATIO | ON: ±66.5' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | ATER DEPT | TH (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | ĺ | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-16 | - | | ±8.4' | | RIG MODEL: | | |
| HMR. V | | - | - | 140 | - | - | = | | - | | CME-55 LCX | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | s | OIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIC | DN | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| 25 | | | 1 | S-6: Soft, redo | lish-brown, CL | AY. | | | | | | | |
| 26 | S-6 | 23 | 1 | , | , | | | | | | CLAY | | |
| | | | 1 | | | | | | | 27.0' | | 39.5' | |
| 27 | | | | | | Bottom of Ex | ploration ± 27.0 '. | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| Remark | s: | | | | NON-PLAS' 0-4 = VERY L | TIC (SPT-N) | PLASTIC (0-2 = VERY SO | , | SAMPLE T | | PROPORT trace = <10% | IONS | |
| | | | | | 4-10 = LOOSE | : | 2-4 = SOFT | | S = SPLIT SP | OON | little = 10% - 20% | | |
| | | | | | 10-30 = MEDI 30-50 = DENS | | 4-8 = MEDIUM 8-15 = STIFF | | UP = UNDISTU PISTON | JRBED | some = 20% - 35% and = 35% - 50% | | |
| | | | | | 50+ = VERY I | DENSE | 15-30 = VERY S' | | UT = UNDISTU | JRBED | | | |
| | | | | | | | 30 + = HARD | | THINWALL | | | | |

| | IC O | ттт | PROJECT: | PROPOSED | REDEVELOF | PMENT |] | BORING N | O.: SE-8 | | SHEET: 1 of 1 | | |
|-------------------|------------------|------------------|-----------------|---------------|------------------------------------|------------------|------------------------------|--------------|-----------------------|----------------|-------------------------------------|-------------|---------|
| 5 | ENCIN | L L I EERING | LOCATION | N: SILVER LA | ANE, EAST H | ARTFORD, C | CT | CONTRAC | CTOR: SITE, | LLC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | |] | FOREMAN | : J. DEANG | ELIS | | | |
| 501 Ma | in Street, Mo | nroe, CT 06468 | CLIENT: Z | ELMAN REAI | L ESTATE & J | ASKO DEVEI | LOPMENT, LLC | INSPECTO | R: J. MONT | AGNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | RIL 16, 2024 | | | | GROUND | SURFACE E | LEVATI | ON: ±65.5' | | |
| EQUIP | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEPT | TH (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | | ATER DEPT | H | TRACK W/ AUTO | HAMM | ſER |
| SIZE II |) (IN) | 2-1/4" | _ | 1-3/8" | _ | 2024-04-16 | - | *** | ±7.0' | | RIG MODEL: | | |
| | VT (LB.) | - | _ | 140 | _ | - | _ | | - | | 1 | | |
| | FALL (IN.) | - | - | 30 | | | - | | | | CME-55 LCX | | |
| | ALL (IIV.) | - | - | 30 | - | - | - | | - | 1 | | | Т. |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | S | SOIL AND R | OCK CLASS | IFICATION-DE | ESCRIPTIO |)N | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | 1 | S-1: Medium | | I' CANT | S GTL : | r c 1 | . D | 0.3' | TOPSOIL | 65.2' | |
| 1 | S-1 | 22 | 7 | | brown, fine to Brown, fine to i | | O, some Silt, trace | fine Gravel, | trace Roots. | | | | |
| , | | | 5 | Bottom 17.1 | siown, inic to i | nedium 57 ft vE | , nuie sin. | | | | FILL | | |
| 2 | | | |] | | | | | | | FILL | | |
| 3 | | | | 1 | | | | | | 3.5' | | 62.0' | , |
| 4 | | | | | | | | | | 3.3 | | 02.0 | • |
| - | | | | 1 | | | | | | | | | |
| 5 | | | 2 | S-2: Loose, b | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 6 | S-2 | 22 | 3 | | | | | | | | | | |
| | | | 3 4 | 1 | | | | | | 7.0' | lacksquare | 58.5' | |
| 7 | | | | <u> </u> | | | | | | 7.0 | - | 56.5 | 1 |
| 8 | | | | 1 | | | | | | | | | |
| | | | | 1 | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | 2 | S-3: Loose, b | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 11 | S-3 | 16 | 4 | | | | | | | | | | |
| | | | 4 4 | 1 | | | | | | | | | |
| 12 | | | | <u>†</u> | | | | | | | | | |
| 13 | | | | 1 | | | | | | | | | |
| 14 | | | | 1 | | | | | | | SAND | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | 4 | S-4: Medium | dense, brown, | fine to coarse S | SAND, trace Silt. | | | | | | |
| 16 | S-4 | 22 | 4 | | | | | | | | | | |
| | | | 6 | 1 | | | | | | | | | |
| 17 | | | | <u>†</u> | | | | | | | | | |
| 18 | | | | 1 | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 19 | | | | 4 | | | | | | | | | 1 |
| 20 | | | 3 | S-5: Loose, b | rown, fine to co | oarse SAND, tr | ace Silt. | | | | | | |
| 21 | S-5 | 24 | 1 |] | | | | | | | | | |
| | | | 2 | | | | | | | | | | |
| 22 | | | _ |] | | | | | | | | | |
| 23 | | | | 1 | | | | | | 23.5' | | 42.0' | , |
| 24 | | | | 1 | | | | | | 23.3 | CLAY | 42.0 | 1 |
| | | | | | NON DI AC | TIC (SPT-N) | PLASTIC (S | SPT_N\ | SAMPLE | TVPF | PROPORT | TONS | <u></u> |
| Remark | 29: | | | | 0-4 = VERY L | | 0-2 = VERY SOI | | C = ROCK C | | trace = <10% | 10113 | |
| | | | | | 4-10 = LOOSI | | 2-4 = SOFT | | S = SPLIT SI | | little = 10% - 20% | | |
| | | | | | 10-30 = MEDI 30-50 = DENS | | 4-8 = MEDIUM 8-15 = STIFF | | UP = UNDIST PISTON | URBED | some = 20% - 35% and = 35% - 50% | | |
| | | | | | 50+ = VERY I | | 15-30 = VERY ST | TFF | UT = UNDIST | URBED | 2070-3070 | | |
| | | | | | I | | 30 + = HARD | | THINWALL | | | | |

| | C O | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | MENT | | BORING N | O.: SE-8 | | SHEET: 2 of 2 | | |
|-------------------|------------------|------------------|-----------------|----------------|-------------------------------|--------------|---------------------------------|-----------|------------------------------|----------------|-------------------------------------|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | : SILVER LA | NE, EAST H | ARTFORD, C | CT | CONTRAC | CTOR: SITE, I | LC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | in Street, Moi | nroe, CT 06468 | CLIENT: ZI | ELMAN REAI | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | R: J. MONTA | GNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 16, 2024 | | | | GROUND | SURFACE EI | EVATIO | ON: ±65.5' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | ATER DEPT | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | ĺ | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-16 | - | | ±7.0' | | RIG MODEL: | | |
| HMR. W | | - | - | 140 | - | - | - | | - | | CME-55 LCX | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | s | OIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| 25 | | | WOH | S-6: Verv soft | , reddish-brow | n, CLAY. | | | | | | | |
| 26 | S-6 | 20 | 1 | | , | , | | | | | CLAY | | |
| | | | 0 WOH | | | | | | | 27.0' | | 38.5' | |
| 27 | | | | | | Bottom of Ex | ploration ±27.0'. | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| Remarks | s: | | | | | TIC (SPT-N) | PLASTIC (| | SAMPLE T | | PROPORT | IONS | |
| | | | | | 0-4 = VERY L 4-10 = LOOSE | | 0-2 = VERY SO 2-4 = SOFT | | C = ROCK CO S = SPLIT SPO | | trace = <10% little = 10% - 20% | | |
| | | | | | 10-30 = MEDI 30-50 = DENS | | 4-8 = MEDIUM 8-15 = STIFF | | UP = UNDISTU PISTON | JRBED | some = 20% - 35% and = 35% - 50% | | |
| | | | | | 30-50 = DENS. 50+ = VERY I | | 8-15 = STIFF 15-30 = VERY S' | | UT = UNDISTU | JRBED | anu = 33/0 - 30/0 | | |
| | | | | | | | 30 + = HARD | | THINWALL | | | | |

| | CO | ттт | PROJECT: | PROPOSED I | REDEVELOP | MENT | | BORING N | NO.: SE-9 | | SHEET: 1 of 1 | | |
|-------------------|----------------------------------|-----------------------------|-----------------|----------------|------------------------------|---------------------------------|---------------------------------|--------------|-----------------------------|----------------|------------------------------------|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | I: SILVER LA | NE, EAST H | ARTFORD, C | T | CONTRAC | CTOR: SITE, I | LLC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMA | N: J. DEANGE | LIS | | | |
| 501 Mai | in Street, Moi | nroe, CT 06468 | CLIENT: ZI | ELMAN REAL | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO |)R: J. MONTA | AGNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 16, 2024 | | | | GROUND | SURFACE EI | LEVATION | ON: ±58.0' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEP | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | W | ATER DEPTH | I | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-16 | = | | ±3.8' | | RIG MODEL: | | |
| HMR. W | VT (LB.) | - | - | 140 | - | - | - | | - | | C) E 55 L CV | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | S | OIL AND RO | OCK CLASS | IFICATION-DI | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | | 3.75": Asphalt | t over 2.25" Ba | se Course. | | | | 0.3' | ASPHALT | 57.7' | 1 |
| 1 | | | 7 | S-1: Medium | | CAND | 1.6 | CD AVEL 4 | C'14 | 1 51 | FILL | 56.51 | |
| | S-1 | 21 | 8 | | | arse SAND and coarse SAND, t | d fine to medium race Silt. | GRAVEL, tr | ace Silt. | 1.5' | | 56.5' | |
| 2 | | | 10 | | , | , | | | | | | | |
| 3 | | | | | | | | | | 3.8' | lacksquare | 54.2' | |
| 4 | | | | | | | | | | 5.0 | - | 54.2 | |
| " | | | | | | | | | | | SAND | | |
| 5 | | | 1 | S-2: Medium | dense, | | | | | | | | |
| 6 | S-2 | 23 | 3 10 | | | se SAND, trace | e Silt. AND, some fine | 4 di C | 1 | c 51 | | £1.51 | |
| 7 | | | 10 | some Silt. | ddisii-browii, i | ille to coarse s | AND, some ime | to inedium G | navei, | 6.5' | | 51.5' | |
| / | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 10 | | | 5 | | | brown, fine to | coarse SAND, so | me fine to m | edium | | GLACIAL TILL | | |
| 11 | S-3 | 19 | 7 6 | Gravel, some | Silt. | | | | | | | | |
| 12 | | | 7 | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| | | | | | | | | | | 14.3' | | 43.7' | 2 |
| 14 | | | | | | | | | | | INFERRED | | |
| 15 | | | | | | Bottom of Ex | ploration ±14.8'. | | | 14.8' | BEDROCK | 43.2' | 3 |
| 16 | | | | | | | • | | | | | | |
| | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| Remarks | s: | ı | | | NON-PLAS | | PLASTIC (| | SAMPLE | ГҮРЕ | PROPORT | IONS | |
| | | olt | | | 0-4 = VERY L 4-10 = LOOSE | | 0-2 = VERY SO 2-4 = SOFT | FT | C = ROCK CO S = SPLIT SP | | trace = <10% little = 10% - 20% | | |
| | through asph alt drilling fro | om ± 14.3 ' to ± 14 | .8'. | | 4-10 = LOOSE 10-30 = MEDI | | 2-4 = SOF I 4-8 = MEDIUM | | UP = UNDISTU | | some = 20% - 35% | | |
| | refusal at ±14 | | | | 30-50 = DENS | | 8-15 = STIFF 15-30 = VERY ST | DUDE | PISTON | IDDEP | and = 35% - 50% | | |
| | | | | | 50+ = VERY Γ | | 15-30 = VERY S 30 + = HARD | 1155 | UT = UNDISTU THINWALL | UKBED | | | |

| | $C \cap$ | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | PMENT | | BORING NO.: SE-10 SHEET: 1 of 1 | | | | | |
|-------------------|------------------|------------------|-----------------|------------------------------|------------------------------|-------------------|---------------------------------|---------------------------------|------------------------------|----------------|------------------------------------|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | CT | CONTRAC | CTOR: SITE, I | LC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Ma | in Street, Mo | nroe, CT 06468 | CLIENT: Z | ELMAN REAL | LESTATE & J | ASKO DEVEI | OPMENT, LLC | INSPECTO | R: J. MONTA | GNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 16, 2024 | | | | GROUND S | SURFACE EI | EVATI | ON: ±62.5' | | |
| EQUIP | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | ATER DEPT | TH (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | WA | ATER DEPTH | [| TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-16 | - | | ±8.8' | | RIG MODEL: | | |
| HMR. V | VT (LB.) | - | - | 140 | - | - | - | | - | | CME-55 LCX | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | = | | - | | CME-33 ECX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | | SOIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIC | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | 2 | S-1: Loose, | brown fine to | medium SAN | D, some Silt, trac | e fine Gravel | | 1.0' | TOPSOIL | 61.5' | |
| 1 | S-1 | 19 | 4 | trace Roots. | | | | | , | 1.0 | | 01.5 | |
| 2 | | | 5 | Bottom 8": Br | rown, fine to m | edium SAND, | little Silt, little fir | ne Gravel. | | | | | |
| , | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | FILL | | |
| 4 | | | | | | | | | | | FILL | | |
| 5 | | | | G 2 M 1 | 1 | | | | | | | | |
| | G 2 | 10 | 6 | S-2: Medium Top 13": Gray | | o coarse SAND | , little Silt, trace | Roots. | | | | | |
| 6 | S-2 | 19 | 8 | Bottom 6": Br | own, fine to co | oarse SAND, tr | ace Silt. | | | 6.5' | | 56.0 | |
| 7 12 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | 8.8' | V | 53.7' | |
| 9 | | | | | | | | | | | | | |
| 10 | | | 4 | S-3: Loose, br | own, fine to co | oarse SAND, tr | ace Silt | | | | | | |
| 11 | S-3 | 24 | 3 | 5 5. 20050, 01 | own, mie to ec | ourse Strives, in | acc Bitt. | | | | | | |
| | 5-5 | 24 | 5 | | | | | | | | | | |
| 12 | | | 3 | <u>.</u>] | | | | | | | SAND | | |
| 13 | | | | | | | | | | | SAND | | |
| 14 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | 2 | S-4: Very loos | se, brown, fine | to coarse SAN | D, trace Silt. | | | | | | |
| 16 | S-4 | 24 | 2 | | | | | | | | | | |
| 17 | | | 2 | | | | | | | | | | |
| 17 | | | | Ī | | | | | | | | | |
| 18 | | | | | | | | | | 18.5' | | 44.0' | |
| 19 | | | |] | | | | | | l | | | |
| | | | | 1 | | | | | | | | | |
| 20 | | | 1 | S-5: Soft, redo | dish-brown, CI | ΔAY. | | | | | CLAY | | |
| 21 | S-5 | 20 | 1 | | | | | | | | | | |
| 22 | | | 2 | | | | | | | 22.0' | | 40.5 | • |
| | | | | | | Bottom of Ex | ploration ±22.0'. | | | | | | |
| 23 | | | | 1 | | | | | | | | | |
| 24 | | | | - | | | | | | | | | |
| Remark | s: | 1 | <u>I</u> | | | TIC (SPT-N) | PLASTIC (| | SAMPLE | | PROPORT | IONS | 1 |
| | | | | | 0-4 = VERY L 4-10 = LOOSE | | 0-2 = VERY SO 2-4 = SOFT | | C = ROCK CO S = SPLIT SPO | | trace = <10% little = 10% - 20% | | |
| | | | | | 10-30 = MEDI | | 2-4 - SOF I 4-8 = MEDIUM | | UP = UNDISTU | | some = 20% - 35% | | |
| | | | | | 30-50 = DENS 50+ = VERY I | | 8-15 = STIFF 15-30 = VERY ST | | PISTON UT = UNDISTU | IDREN | and = 35% - 50% | | |
| | | | | | SUI - VERT I | PENGE | 15-30 = VERY S $30 + = HARD$ | | THINWALL | NDED | | | |

| | $C \cap$ | ттт | PROJECT: PROPOSED REDEVELOPMENT LOCATION: SILVER LANE, EAST HARTFORD, CT | | | | | | BORING NO.: SE-11 SHEET: 1 of 1 | | | | |
|--|--|------------------|--|----------------|------------------------------|-----------------|-------------------------------------|--------------|---------------------------------|--------------|--|----------------|--------|
| 5 | 5 U | L L I EERING | LOCATION | N: SILVER LA | ANE, EAST H | ARTFORD, O | CT | CONTRAC | TOR: SITE, 1 | LLC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMAN | I: J. DEANGE | ELIS | | | |
| 501 Mai | in Street, Mo | nroe, CT 06468 | CLIENT: Z | ELMAN REAI | L ESTATE & J | ASKO DEVEI | LOPMENT, LLC | INSPECTO | R: J. MONTA | AGNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | RIL 17, 2024 | | | | GROUND S | SURFACE EI | LEVATION | ON: ±62.0' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | TER DEPT | TH (FT.) | | TYPE OF RIG: | | |
| ТҮРЕ | | H.S.A. | - | SS | - | DATE | TIME | WA | TER DEPTI | ł | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-17 | - | | ±6.1 | | RIG MODEL: | | |
| HMR. V | | - | - | 140 | - | - | - | | - | | | | |
| - | ALL (IN.) | - | - | 30 | - | - | - | | - | | CME-55 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | S | SOIL AND RO | OCK CLASS | IFICATION-D | ESCRIPTIO |)N | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | | | | | o medium SAND | | | 0.3' | ASPHALT | 61.7' | |
| 1 | | | 6 8 | | | | fine to medium S SRAVEL and fine | | | | | | |
| | S-1 | 20 | 13 | | e Debris (e.g. I | | KAVEL and line | to coarse SA | ND, | | | | |
| 2 | | | 10 | | rown, fine to m | | trace Silt. | | | | | | |
| 3 | | | | - | | | | | | | FILL | | |
| 4 | | | | | | | | | | | TILL | | |
| 5 | | | | <u> </u> | | | | | | | | | |
| | | | 5 | S-2: Medium | | SAND trace S | ilt, trace Roots. | | | 5.5' 6.0' | BURIED TOPSOIL | 56.5' 56.0' | |
| 6 | S-2 | 22 | 7 | | | | ND, some Silt. | | | 6.1' | V | 55.9 | |
| 7 Bottom 14": Brown, fine to medium SAND, little Silt. | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| 8 | | | |] | | | | | | | | | |
| 9 | | | | - | | | | | | | | | |
| 10 | | | | G 2 M 1 | | . | CAND. | C'I | | | | | |
| | | | 8 10 | S-3: Medium | dense, gray-bro | own, fine to co | arse SAND, trace | Silt. | | | | | |
| 11 | S-3 | 24 | 10 |] | | | | | | | | | |
| 12 | | | 9 | 1 | | | | | | | | | |
| 13 | | | | | | | | | | | SAND | | |
| 4.4 | | | | 1 | | | | | | | | | |
| 14 | | | |] | | | | | | | | | |
| 15 | | | 3 | S-4: Loose, gr | ray-brown, fine | to coarse SAN | D. trace Silt. | | | | | | |
| 16 | S-4 | 17 | 2 | ,,, | , | | , | | | | | | |
| | , , | | 3 | 1 | | | | | | | | | |
| 17 | | | 3 | 1 | | | | | | | | | |
| 18 | | | | - | | | | | | 18.5' | | 43.5' | |
| 19 | | | |] | | | | | | 10.5 | | 13.3 | |
| | | | | - | | | | | | | | | |
| 20 | | | 1 | S-5: Soft, red | dish-brown, CI | AY. | | | | | CLAY | | |
| 21 | S-5 | 21 | 2 1 | - | | | | | | | | | |
| 22 | | | 2 | | | | | | | 22.0' | | 40.0' | |
| 22 | | | | | | Bottom of Ex | ploration ± 22.0 '. | | | | | | |
| 23 | | | | 1 | | | | | | | | | |
| 24 | | | |] | | | | | | | | | |
| Remark | s: | | | <u> </u> | NON-PLAS | TIC (SPT-N) | PLASTIC (| (SPT-N) | SAMPLE | TYPE | PROPORT | IONS | _ |
| | | | | | 0-4 = VERY L | OOSE | 0-2 = VERY SO | FT | C = ROCK C | | trace = <10% | | |
| | | | | | 4-10 = LOOSE 10-30 = MEDI | | 2-4 = SOFT 4-8 = MEDIUM | | S = SPLIT SP UP = UNDIST | | little = 10% - 20% some = 20% - 35% | | |
| | | | | | 30-50 = DENS | E | 8-15 = STIFF | | PISTON | | and = 35% - 50% | | |
| | 50+= VERY DENSE $15-30=$ VERY STIFF $UT=$ UNDISTURE $30+=$ HARD $THINWALL$ | | | | | | | | | URBED | | | |

| | CO | ттт | PROJECT: PROPOSED REDEVELOPMENT LOCATION: SILVER LANE, EAST HARTFORD, CT | | | | | | BORING NO.: SE-12 SHEET: 1 of 1 | | | | |
|-------------------|------------------|------------------|--|------------------------------|------------------------------|-----------------|---|-----------|---------------------------------|----------------|------------------------------------|----------------|--------|
| 5 | SU | L L I EERING | LOCATION | : SILVER LA | NE, EAST H | ARTFORD, C | T | CONTRAC | CTOR: SITE, I | LLC | | | |
| | ENGIN | EEKING | PROJ. NO: | 2010501 | | | | FOREMAN | N: J. DEANGE | LIS | | | |
| 501 Mai | in Street, Moi | nroe, CT 06468 | CLIENT: ZI | ELMAN REAL | ESTATE & J. | ASKO DEVEL | OPMENT, LLC | INSPECTO | DR: J. MONT <i>A</i> | AGNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 17, 2024 | | | | GROUND | SURFACE EI | LEVATIO | ON: ±60.0' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | ATER DEPT | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | ı | SS | - | DATE | TIME | WA | ATER DEPTH | I | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-17 | - | | ±7.3 | | RIG MODEL: | | |
| HMR. W | VT (LB.) | - | - | 140 | - | - | - | | - | | CME-55 LCX | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | CINE OF BOIL | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | s | OIL AND RO | OCK CLASS | IFICATION-DI | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | 1 | S-1: Very loos | | L' CANE | 0.14 | Donato | | 0.5' | TOPSOIL | 59.5' | |
| 1 | S-1 | 18 | 1 2 | | | |), some Silt, trace , little Silt, trace l | | | | | | |
| 2 | | | 3 | | | | | | | | | | |
| | | | | | | | | | | | FILL | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | 5.0' | | 55.0' | |
| | | | 2 2 | S-2: Loose, Top 10": Dark | brown, fine to | medium SAN | D. some Silt. | | | 6.0' | BURIED TOPSOIL | 54.0' | |
| 6 | S-2 | 22 | 7 | | | arse SAND, tra | | | | 0.0 | | 31.0 | |
| 7 | | | | | | | | | | | lacksquare | 52.7' | |
| 8 | | | | | | | | 7.3' | | 32.1 | | | |
| 0 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | 3 | S 2: Madium | dansa grav fir | na to coorsa SA | ND, trace Silt. | | | | | | |
| 11 | S-3 | 24 | 5 | 3-3. Wedium | delise, gray, ili | ie to coarse sA | IND, trace Sitt. | | | | SAND | | |
| 11 | 5-3 | 24 | 6 | | | | | | | | SAND | | |
| 12 | | | 5 | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | 3 | S-4: Non-plast | tic and plastic. | | | | | | | | |
| 16 | S-4 | 20 | 2 | | | coarse SAND, | | | | 16.0' | | 44.0' | |
| 17 | | | 3 | воиот 8": Мо | cuium, reddish | -brown, CLAY | • | | | 17.0' | CLAY | 43.0' | |
| 17 | | | | | | Bottom of Ex | ploration ± 17.0 '. | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| Remarks | s: | • | | | NON-PLAS | | PLASTIC (| | SAMPLE ' | | PROPORT | IONS | |
| | | | | | 0-4 = VERY L 4-10 = LOOSE | | 0-2 = VERY SO 2-4 = SOFT | FT | C = ROCK CO S = SPLIT SP | | trace = <10% little = 10% - 20% | | |
| | | | | | 10-30 = MEDI | UM DENSE | 4-8 = MEDIUM | | UP = UNDISTU | | some = 20% - 35% | | |
| | | | | | 30-50 = DENS 50+ = VERY I | | 8-15 = STIFF 15-30 = VERY ST | | PISTON UT = UNDISTI | IRRED | and = 35% - 50% | | |
| | | | | | O. VERIL | | 30 + = HARD | | THINWALL | KDED | | | |

| | C O | ттт | PROJECT: | PROPOSED 1 | REDEVELOP | PMENT | | BORING NO.: SE-13 SHEET: 1 of 1 | | | | | |
|-------------------|------------------|------------------|-----------------|-----------------|------------------------------|-----------------|-------------------------------|---------------------------------|------------------------------|-----------------|--|----------------|--------|
| 5 | 5 U | L L I EERING | LOCATION | N: SILVER LA | NE, EAST H | ARTFORD, C | CT | CONTRAC | CTOR: SITE, I | LC | | | |
| | ENGIN | EERING | PROJ. NO: | 2010501 | | | | FOREMA | N: J. DEANGE | LIS | | | |
| 501 Ma | in Street, Mo | nroe, CT 06468 | CLIENT: ZI | ELMAN REAI | LESTATE & J | ASKO DEVEI | OPMENT, LLC | INSPECTO |)R: J. MONT <i>A</i> | GNO | | | |
| T: (203) | 880-5455 F: | (203) 880-9695 | DATE: APR | IL 17, 2024 | | | | GROUND | SURFACE EI | EVATI | ON: ±60.5' | | |
| EQUIPN | MENT: | AUGER | CASING | SAMPLER | COREBRL. | | GROUNDWA | ATER DEP | ГН (FT.) | | TYPE OF RIG: | | |
| TYPE | | H.S.A. | - | SS | - | DATE | TIME | W | ATER DEPTH | ſ | TRACK W/ AUTO | HAMM | ER |
| SIZE ID | (IN.) | 2-1/4" | - | 1-3/8" | - | 2024-04-17 | - | | ±6.2 | | RIG MODEL: | | |
| HMR. V | VT (LB.) | - | - | 140 | - | - | - | | - | | CME-55 LCX | | |
| HMR. F | ALL (IN.) | - | - | 30 | - | - | - | | - | | CME-33 LCX | | |
| DEPT H (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | | | OCK CLASS | IFICATION-D | ESCRIPTIO | ON | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | | | WOH 1 | S-1: Very loos | | madium SANT |), some Silt, trace | Poots | | 0.5' | TOPSOIL | 60.0' | |
| 1 | S-1 | 17 | 0 | | | | , little Silt, trace | | | | | | |
| 2 | | | 1 | ļ | | | | | | | | | |
| | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | FILL | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | ļ | | | | | | 5.0' | | 55.5' | |
| 3 | | | 4 | S-2: Medium | | medium SANT |), some Silt, trace | fine Gravel | | 6.0' | BURIED TOPSOIL | 54.5' | |
| 6 | S-2 | 22 | 6 | | Brown, fine to | | | fille Gravei. | | 6.2' | V | 54.3' | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| ° | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | G 2 M 1 | | . | CAND | C'I | | | | | |
| | a 2 | 21 | 5 | S-3: Medium | dense, gray-bro | own, fine to co | arse SAND, trace | Silt. | | | | | |
| 11 | S-3 | 21 | 6 |] | | | | | | | | | |
| 12 | | | 5 | | | | | | | | SAND | | |
| 13 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | 5 | S-4: Medium | dense, gray, fii | ne to coarse SA | ND, trace Silt. | | | | | | |
| 16 | S-4 | 24 | 7 | 1 | , , | | • | | | | | | |
| | | | <u>6</u> 7 | | | | | | | | | | |
| 17 | | | , | | | | | | | | | | |
| 18 | | | | | | | | | | 18.5' | | 42.0' | |
| 19 | | | | 1 | | | | | | | | .2.0 | 1 |
| | | | | | | | | | | | | | 1 |
| 20 | | | WOH | S-5: Soft, redo | dish-brown, CI | LAY. | | | | | CLAY | | |
| 21 | S-5 | 21 | 1 | | | | | | | | | | |
| 22 | | | 2 | | | | | | | 22.0' | | 38.5' | |
| 22 | | | | | | Bottom of Ex | ploration ± 22.0 '. | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | |] | | | | | | | | | |
| Remark | s: | l | l | I | NON-PLAS | TIC (SPT-N) | PLASTIC (| (SPT-N) | SAMPLE ' | ГҮРЕ | PROPORT | IONS | |
| | | | | | 0-4 = VERY L | | 0-2 = VERY SO | FT | C = ROCK CO S = SPLIT SP | | trace = <10% | | |
| | | | | | 4-10 = LOOSF 10-30 = MEDI | | 2-4 = SOFT 4-8 = MEDIUM | | S = SPLIT SP UP = UNDISTU | | little = 10% - 20% some = 20% - 35% | | |
| | | | | | 30-50 = DENS | E | 8-15 = STIFF | | PISTON | and = 35% - 50% | | | |
| | | | | | 50+ = VERY I | DENSE | 15-30 = VERY S' $30 + = HARD$ | 1188 | UT = UNDISTU THINWALL | KRED | | | |

BORING LOG SILVER LANE RESIDENTIAL DEVELOPMENT BORING NO.: SLR-1 SHEET: 1 of 2 PROJECT: LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT CONTRACTOR: SITE, LLC 141.16872.00009 PROJ. NO: FOREMAN: J. DEANGELIS SLR International Corporation CLIENT: SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com DATE: MAY 3, 2022 **GROUND SURFACE ELEVATION: ±62.0** TYPE OF RIG: EQUIPMENT: AUGER CASING SAMPLER COREBRL **GROUNDWATER DEPTH (FT.)** ГҮРЕ WATER DEPTH HSA TIME TRACK W/ AUTOMATIC HAMMER SS DATE RIG MODEL: SIZE ID (IN.) ±6.2 2 1/4 13/8 2022-05-03 7:30 AM HMR. WT (LB.) --140 CME-55 LCX HMR. FALL (IN.) 30 SOIL AND ROCK CLASSIFICATION-DESCRIPTION DEPTH (FT.) BLOWS Depth SAMPLE RECOVERY STRATUM ELEV. (FT) NUMBER (IN) PER 6" DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK) Top 3": ASPHALT. 0.3' ASPHALT 61.7 Bottom 9": Gray, fine to coarse SAND and fine to coarse GRAVEL, trace Silt. 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. FILL S-1 16 8 3.0' 59.0' S-2: Medium dense, gray, fine to medium SAND, trace Silt. 8 8 20 S-2 10 11 S-3: Medium dense, Top 12": Gray, fine to medium SAND, trace Silt. 3 6 Bottom 8": Reddish brown, fine to coarse SAND, trace Silt. G.W.T. 55.8 S-3 20 5 6 10 3 S-4: Loose, brown, fine to coarse SAND, trace fine Gravel, trace Silt. SAND 1 11 S-4 22 3 12 13 14 15 S-5: Loose, brown, fine to coarse SAND, trace fine Gravel, trace Silt. 16 S-5 14 4 6 17 18 18.5' 43.5' 19 20 S-6: Stiff, reddish brown, CLAY with varved CLAY & SILT. 4 **VARVED CLAY** 21 S-6 22 5 4 22 NON-PLASTIC (SPT-N) SAMPLE TYPE PROPORTIONS Remarks: 1. Soil classified from auger cuttings. 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 LIP = LINDISTURBED PISTON 4-8 = MEDIUM some = 20% - 35% 30-50 = DENSE 8-15 = STIFF UT = UNDISTURBED THINWALL and = 35% - 50% 15-30 = VERY STIFF 50+ = VERY DENSE 30 + = HARD

| | | | | | В | ORIN | G LO | G | | | | | |
|------------|--|----------------------------------|-----------|-----------------|-----------------------------------|------------------|------------------------------|----------------------|--|----------------|-------------------------------------|----------------|--------|
| | | | PROJECT: | SILVER LANE RE | ESIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-1 | SHEET: 2 | 2 of 2 | | |
| | SLF | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | JT | CONTRACTOR: S | SITE, LLC | | | | |
| - |) L I | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | |
| SLI | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING, LLC | | | INSPECTOR: R. G | GOWISNOCK | | | | |
| 99 203. | Realty Drive, Chesh 271.1773 www.slrc | nire, CT 06410 consulting.com | DATE: | MAY 3, 2022 | | | | GROUND SURFA | ACE ELEVATION: ±62.0' | | | | |
| EQUIPMI | | AUGER | CASING | SAMPLER | COREBRL. | | GR | OUNDWATER DI | EPTH (FT.) | | TYPE OF RIG: | | |
| TYPE | | HSA | - | SS | - | DATE | TIME | | WATER DEPTH | | TRACK W/ AUTOMA | TIC HAM | MER |
| SIZE ID (I | N.) | 2 1/4 | - | 1 3/8 | - | 2022-05-03 | 7:30 AM | | ±6.2' | | RIG MODEL: | | |
| HMR. W | Г (LB.) | - | - | 140 | - | | | | | | | | |
| HMR. FA | LL (IN.) | - | - | 30 | - | | | | | | CME-55 LCX | | |
| Depth | SAMPLE | RECOVERY | BLOWS | | SC | OIL AND ROCK C | LASSIFICATIO | N-DESCRIPTION | | Ε ~ | STRATUM | · ~ | ž |
| (FT) | NUMBER | (IN) | PER 6" | | BURMISTER S | YSTEM (SOIL) U | .S. CORPS OF I | NGINEERS SYSTI | EM (ROCK) | DEPTH (FT.) | DESCRIPTION | ELEV. (FT.) | Remark |
| | | | | | | (, - | | | (| 23.5' | VARVED CLAY | 38.5' | Ë |
| 24 | | | | | | | | | | | | | 1 |
| | | | | _ | | | | | | | | | |
| 25 | | | 6 | S-7: Medium d | ense, reddish br | own, fine to coa | arse SAND, sor | ne fine to coarse | Gravel, little Silt. | | | | |
| 26 | S-7 | 12 | 8 | | | | | | | | | | |
| | | | 11 11 | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | 40 | C O. Donco rod | dich brown fine | to seems CANI | D. little fine to | saarsa Craval lit | tla Cilt | | | | |
| | | | 18 23 | 5-8: Dense, red | dish brown, nne | e to coarse sam | D, little line to | coarse Gravel, lit | tie Siit. | | | | |
| 31 | S-8 | 14 | 19 | | | | | | | | GLACIAL TILL | | |
| 32 | | | 22 | | | | | | | | GLACIAL TILL | | |
| | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| 34 | | | | _ | | | | | | | | | |
| | | | | _ | | | | | | | | | |
| 35 | | | 6 | S-9: Medium d | ense, reddish br | own, fine to coa | arse SAND, littl | e fine to coarse (| Gravel, little Silt. | | | | |
| 36 | S-9 | 14 | 7 12 | _ | | | | | | | | | |
| | | | 17 | | | | | | | | | | |
| 37 | | | | | | | | | | | | | |
| 38 | | | | _ | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 39 | | | | | | | | | | 39.5' | | 22.5' | |
| 40 | S-10 | 3 | 50/3" | S-10: Very dens | se reddish hrow | n fine to mediu | ım SAND som | e Silt, trace fine (| Gravel | 41.0' | WEATHERED BEDROCK | 21.0' | 2 |
| 41 | 3-10 | 3 | 30/3 | 5 10. Very dens | se, reduisir brow | | of Exploration | | Ji avei. | 41.0 | BEDROCK | 21.0 | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | _ | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | - | | | | | | | | | |
| 45 | | | |] | | | | | | | | | |
| 45 | | | |] | | | | | | | | | |
| Remarks | : 2. Auger refus | sal at ±41.0'. | | | NON-PLAS | TIC (SPT-N) | PLAST | TIC (SPT-N) | SAMPLE TYPE | | PROPORTIO | ONS | Щ |
| | -g-: . c. do | | | | 0-4 = VERY LOOSE | | 0-2 = VERY SOF | | C = ROCK CORE | | trace = <10% | | |
| | | | | | 4-10 = LOOSE | DENCE | 2-4 = SOFT | | S = SPLIT SPOON | | little = 10% - 20% | | |
| | | | | | 10-30 = MEDIUM 30-50 = DENSE | DENSE | 4-8 = MEDIUM 8-15 = STIFF | | UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALI | L | some = 20% - 35% and = 35% - 50% | | |
| | | | | | 50+ = VERY DENSE | . | 15-30 = VERY ST | IFF | | | 32.2 30,0 | | |
| | | | | | | | 30 + = HARD | | | | | | |

BORING LOG SILVER LANE RESIDENTIAL DEVELOPMENT **BORING NO.: SLR-2** SHEET: 1 of 2 PROJECT: LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT CONTRACTOR: SITE, LLC PROJ. NO: 141.16872.00009 FOREMAN: J. DEANGELIS SLR International Corporation CLIENT: SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com MAY 3, 2022 **GROUND SURFACE ELEVATION: ±58.5** DATE: TYPE OF RIG: EQUIPMENT: AUGER CASING SAMPLER COREBRL **GROUNDWATER DEPTH (FT.)** ГҮРЕ WATER DEPTH HSA TIME TRACK W/ AUTOMATIC HAMMER SS DATE RIG MODEL: SIZE ID (IN.) ±3.0 2 1/4 13/8 2022-05-03 11:00 AM HMR. WT (LB.) -140 CME-55 LCX HMR. FALL (IN.) 30 SOIL AND ROCK CLASSIFICATION-DESCRIPTION DEPTH (FT.) SAMPLE BLOWS Depth RECOVERY STRATUM ELEV. (FT) NUMBER (IN) PER 6" DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK) Top 3.5": ASPHALT. Middle 3.5": Gray, fine to coarse SAND and fine to coarse GRAVEL, trace Silt. 0.3' ASPHALT 58.2 Bottom 5": Brown, fine to coarse SAND, some Silt, little fine to coarse Gravel. FILL S-1: Medium dense, Top 8": Brown, fine to coarse SAND, some Silt, little fine to coarse Gravel. 4 9 Bottom 12": Brown, fine to coarse SAND, trace Silt. 2.0 56.5 S-1 20 11 9 3.0' G.W.T. 55.5 S-2: Medium dense, brown, fine to coarse SAND, trace Silt. 6 6 S-2 21 8 6 S-3: Loose, brown, fine to medium SAND, trace Silt. 3 S-3 18 4 SAND 4 10 2 S-4: Top 16": Loose, brown, fine to coarse SAND, trace Silt. Middle 2": Medium, reddish brown, CLAY, 3 11 S-4 19 Bottom 1": Loose, reddish brown, fine to coarse SAND, some Clayey Silt, little fine to coarse Gravel. 3 CLAY 4 12 13 14 15 S-5: Medium dense, reddish brown, fine to coarse SAND, some fine to coarse Gravel, little Clayey Silt. 33 16 S-5 12 9 4 17 **GLACIAL TILL** 18 19 20 S-6: Medium dense, reddish brown, fine to coarse SAND, some Clavey Silt, little fine to coarse Gravel. 6 12 21 S-6 18 12 39 22 NON-PLASTIC (SPT-N) Remarks: 1. Soil classified from auger cuttings. 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 LIP = LINDISTURBED PISTON 4-8 = MEDIUM some = 20% - 35% 30-50 = DENSE 8-15 = STIFF UT = UNDISTURBED THINWALL and = 35% - 50% 15-30 = VERY STIFF 50+ = VERY DENSE 30 + = HARD

| | | | | | В | ORIN | G LO | G | | | | | |
|------------|--|---------------|-----------|----------------|-----------------------------------|------------------|---------------------------------|--------------------|---------------------------|----------------|--------------------------|----------------|--------|
| | | | PROJECT: | SILVER LANE RE | ESIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-2 | SHEET: 2 | 2 of 2 | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | |
| | DLP | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | |
| SL | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING, LLC | | | INSPECTOR: R. G | GOWISNOCK | | | | |
| 99 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 3, 2022 | | | | | ACE ELEVATION: ±58.5' | | | | |
| EQUIPM | | AUGER | CASING | SAMPLER | COREBRL. | | GR | OUNDWATER DE | | | TYPE OF RIG: | | |
| TYPE | | HSA | - | SS | - | DATE | TIME | | WATER DEPTH | | TRACK W/ AUTOMA | тіс нам | MFR |
| SIZE ID (I | N \ | 2 1/4 | _ | 1 3/8 | _ | 2022-05-03 | 11:00 AM | | ±3.0' | | RIG MODEL: | 1116 117 (141 | IVILIX |
| HMR. W | - | • | | 140 | | 2022-03-03 | 11.00 AW | | 13.0 | | | | |
| | | - | - | | - | | | | | | CME-55 LCX | | |
| HMR. FA | LL (IIV.) | - | - | 30 | - | | | | | ſ | | 1 | |
| Depth | SAMPLE | RECOVERY | BLOWS | | SC | OIL AND ROCK C | LASSIFICATIO | N-DESCRIPTION | | DEPTH (FT.) | STRATUM | ELEV. (FT.) | Remark |
| (FT) | NUMBER | (IN) | PER 6" | | BURMISTER S | YSTEM (SOIL) U | .S. CORPS OF I | ENGINEERS SYSTE | EM (ROCK) | <u> </u> | DESCRIPTION | □ - | Re |
| | | | | _ | | | | | | | | | |
| 24 | | | | _ | | | | | | | | | |
| 25 | | | | | | | | | | | GLACIAL TILL | | |
| | | | 6 8 | S-7: Medium d | ense, reddish br | own, fine to coa | arse SAND, littl | e fine to coarse G | Gravel, little Silt. | | | | |
| 26 | S-7 | 20 | 6 | _ | | | | | | | | | |
| 27 | | | 7 | | | | | | | 27.0' | | 31.5' | |
| | | | | _ | | Bottom | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | _ | | | | | | | | | |
| 26 | | | | _ | | | | | | | | | |
| 36 | | | | | | | | | | | | | |
| 37 | | | | _ | | | | | | | | | |
| 30 | | | | 1 | | | | | | | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | | | 4 | | | | | | | | | |
| 40 | | | |] | | | | | | | | | |
| 40 | | <u></u> | | _ | | | | | | | | | |
| 41 | | | | 1 | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | |
| 45 | | | | - | | | | | | | | | |
| | | | | | T | | • | | | | 1 | | |
| Remarks | : | | | | NON-PLAS 0-4 = VERY LOOSE | TIC (SPT-N) | PLAST 0-2 = VERY SOF | TIC (SPT-N) | SAMPLE TYPE C = ROCK CORE | | PROPORTI trace = <10% | ONS | |
| | | | | | 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 50+ = VERY DENSE | <u> </u> | 8-15 = STIFF 15-30 = VERY ST | | UT = UNDISTURBED THINWALL | | and = 35% - 50% | | |
| | | | | | | | 30 + = HARD | | | | | | |

BORING LOG SILVER LANE RESIDENTIAL DEVELOPMENT BORING NO.: SLR-3 SHEET: 1 of 2 PROJECT: LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT CONTRACTOR: SITE, LLC 141.16872.00009 PROJ. NO: FOREMAN: J. DEANGELIS SLR International Corporation CLIENT: SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com DATE: MAY 3, 2022 **GROUND SURFACE ELEVATION: ±64.0**1 TYPE OF RIG: EQUIPMENT: AUGER CASING SAMPLER COREBRL **GROUNDWATER DEPTH (FT.)** ГҮРЕ WATER DEPTH HSA TRACK W/ AUTOMATIC HAMMER SS DATE TIME SIZE ID (IN.) RIG MODEL: ±8.0 2 1/4 1 3/8 2022-05-03 1:00 AM HMR. WT (LB.) --140 CME-55 LCX HMR. FALL (IN.) 30 SOIL AND ROCK CLASSIFICATION-DESCRIPTION DEPTH (FT.) BLOWS Depth SAMPLE RECOVERY STRATUM ELEV. (FT) NUMBER (IN) PER 6" DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK) S-1: Medium dense, Top 2": Brown, fine to coarse SAND, little Silt, trace fine Gravel, trace Organics. TOPSOIL 14 63.8 5 Middle 4": ASPHALT. ASPHALT S-1 18 Bottom 12": Brown, fine to medium SAND, trace fine Gravel, trace Silt. 5 4 S-2: Medium dense, brown, fine to medium SAND, trace Silt, trace Debris (e.g., plastic). 5 9 FILL 18 3 S-2 11 10 4.5' 59.5 S-3: Medium dense, brown, fine to coarse SAND, trace Silt. 4 20 6 8 56.0 10 3 S-4: Loose, brown, fine to coarse SAND, trace Silt. 5 11 S-4 24 3 12 SAND 13 14 15 S-5: Loose, brown, fine to coarse SAND, trace Silt. 16 S-5 22 2 3 17 18 19 20 S-6: Top 10": Loose, brown, fine to coarse SAND, trace Silt. 2 Bottom 12": Medium, reddish brown, CLAY. 21.0' 43.0' 21 S-6 22 3 2 22 CLAY NON-PLASTIC (SPT-N) SAMPLE TYPE PROPORTIONS Remarks: PLASTIC (SPT-N) 0-4 = VERY LOOSE C = ROCK CORE 0-2 = VERY SOFT trace = <10% 4-10 = LOOSE 2-4 = SOFT S = SPLIT SPOON little = 10% - 20% 10-30 = MEDIUM DENSE LIP = LINDISTURBED PISTON 4-8 = MEDIUM some = 20% - 35% 30-50 = DENSE 8-15 = STIFF UT = UNDISTURBED THINWALL and = 35% - 50% 50+ = VERY DENSE 15-30 = VERY STIFF 30 + = HARD

| | | | | | В | ORIN | G LO | G | | | | | |
|------------|--|---------------|-----------|------------------|-----------------------------------|----------------|---------------------------------|---------------------------------------|---------------------------|----------------|--------------------------|----------------|--------|
| | | | PROJECT: | SILVER LANE RE | ESIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-3 | SHEET: 2 | 2 of 2 | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | |
| | DLL | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | |
| SL | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING. LLC | | | INSPECTOR: R. G | GOWISNOCK | | | | |
| 99 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 3, 2022 | | | | | ACE ELEVATION: ±64.0' | | | | |
| EQUIPM | | AUGER | CASING | SAMPLER | COREBRL. | | GP | OUNDWATER DE | | | TYPE OF RIG: | | |
| TYPE | | HSA | CASING | SS | - CONEDNE. | DATE | TIME | I I I I I I I I I I I I I I I I I I I | WATER DEPTH | | TRACK W/ AUTOMA | TIC HAM | MED |
| SIZE ID (I | NI \ | | _ | | _ | | 1 | | ±8.0' | | RIG MODEL: | TIC HAIVI | IVILIX |
| - | - | 2 1/4 | | 1 3/8 | | 2022-05-03 | 1:00 AM | | 10.0 | | | | |
| HMR. W | | - | - | 140 | - | | | | | | CME-55 LCX | | |
| HMR. FA | LL (IN.) | - | - | 30 | - | | | | | | | ı | |
| Depth | SAMPLE | RECOVERY | BLOWS | | SC | OIL AND ROCK C | LASSIFICATIO | N-DESCRIPTION | | DEPTH (FT.) | STRATUM | ELEV. (FT.) | Remark |
| (FT) | NUMBER | (IN) | PER 6" | | BURMISTER S | YSTEM (SOIL) U | .S. CORPS OF I | ENGINEERS SYSTE | EM (ROCK) | DE (I | DESCRIPTION | EI (I | Re |
| | | | | _ | | | | | | | | | |
| 24 | | | | _ | | | | | | | | | |
| 25 | | | | | | | | | | | CLAY | | |
| | | | 1 | S-7: Soft, reddi | sh brown, SILT. | | | | | | CLAT | | |
| 26 | S-7 | 24 | 2 | _ | | | | | | | | | |
| 27 | | | 1 | | | | | | | 27.0' | | 37.0' | |
| | | | | _ | | Bottom | | | | | | | |
| 28 | | | | _ | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | |
| 30 | | | | _ | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | _ | | | | | | | | | |
| 26 | | | | _ | | | | | | | | | |
| 36 | | | | | | | | | | | | | |
| 37 | | | | _ | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | | | - | | | | | | | | | |
| 40 | | | |] | | | | | | | | | |
| 40 | | <u></u> | | _ | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | 1 | | | | | | | | | |
| | | | | 4 | | | | | | | | | |
| 43 | | | | 4 | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | |
| 45 | | | | 1 | | | | | | | | | |
| | | | | | I | === /o== ··· | 1 | we (en=) | | | 1 | 2115 | |
| Remarks | : | | | | NON-PLAS 0-4 = VERY LOOSE | TIC (SPT-N) | PLAST 0-2 = VERY SOF | TIC (SPT-N) | SAMPLE TYPE C = ROCK CORE | | PROPORTI trace = <10% | UNS | |
| | | | | | 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 50+ = VERY DENSE | <u>.</u> | 8-15 = STIFF 15-30 = VERY ST | | UT = UNDISTURBED THINWALL | | and = 35% - 50% | | |
| | | | | | | | 30 + = HARD | | | | | | |

BORING LOG SILVER LANE RESIDENTIAL DEVELOPMENT BORING NO.: SLR-4 SHEET: 1 of 3 PROJECT: LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT CONTRACTOR: SITE, LLC 141.16872.00009 PROJ. NO: FOREMAN: J. DEANGELIS SLR International Corporation CLIENT: SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com DATE: MAY 4, 2022 **GROUND SURFACE ELEVATION: ±63.0**1 TYPE OF RIG: EQUIPMENT: AUGER CASING SAMPLER COREBRL **GROUNDWATER DEPTH (FT.)** ГҮРЕ WATER DEPTH HSA SS TIME TRACK W/ AUTOMATIC HAMMER DATE SIZE ID (IN.) RIG MODEL: ±9.5 2 1/4 1 3/8 2022-05-04 8:00 AM HMR. WT (LB.) --140 CME-55 LCX HMR. FALL (IN.) 30 SOIL AND ROCK CLASSIFICATION-DESCRIPTION DEPTH (FT.) Depth SAMPLE RECOVERY BLOWS STRATUM ELEV. (FT) NUMBER (IN) PER 6" DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK) 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), S-1 18 little Silt 34 16 9 S-2: Medium dense, brown, fine to medium SAND, trace Silt. FILL 7 22 3 S-2 7 9 4.5' 58.5 S-3: Medium dense, brown, fine to coarse SAND, trace Silt. 11 15 S-3 20 12 10 G.W.T. 53.5' 10 4 S-4: Loose, brown, fine to coarse SAND, trace Silt. SAND 2 11 S-4 20 2 12 13 14 15 S-5: Top 6": Loose, brown, fine to coarse SAND, trace Silt. 47.5 Bottom 18": Medium, gray, CLAY varved with CLAY and SILT. 16 S-5 24 3 17 18 19 **VARVED CLAY** 20 S-6: Soft, gray, CLAY varved with CLAY and SILT. 21 S-6 24 1 1 22 NON-PLASTIC (SPT-N) PROPORTIONS Remarks: PLASTIC (SPT-N) SAMPLE TYPE 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 LIP = LINDISTURBED PISTON 4-8 = MEDIUM some = 20% - 35% 30-50 = DENSE 8-15 = STIFF UT = UNDISTURBED THINWALL and = 35% - 50% 50+ = VERY DENSE 15-30 = VERY STIFF 30 + = HARD

| | | | | | В | ORIN | G LO | G | | | | | | | |
|-------------|--|---------------|-----------|------------------|----------------------------------|----------------|--------------------------------|-----------------|----------------------------------|----------------|------------------------------------|----------------|--------|--|--|
| | | | PROJECT: | SILVER LANE RI | ESIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-4 | SHEET: 2 | 2 of 3 | | | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | | | |
| | DLP | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | | | |
| SLF | R International C | Corporation | CLIENT: | SOLLI ENGINEE | | | | INSPECTOR: R. G | SOWISNOCK | | | | | | |
| 99 1 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 4, 2022 | inito, LLC | | | | ACE ELEVATION: ±63.0' | | | | | | |
| | | | | 1 | 6005001 | | | | | | TYPE OF RIG: | | | | |
| EQUIPME | :NI: | AUGER | CASING | SAMPLER | COREBRL. | | 1 | OUNDWATER DE | | | | | | | |
| TYPE | | HSA | - | SS | - | DATE | TIME | | WATER DEPTH | | TRACK W/ AUTOMA RIG MODEL: | IIC HAMI | MEK | | |
| SIZE ID (II | • | 2 1/4 | - | 1 3/8 | - | 2022-05-04 | 8:00 AM | | ±9.5' | | RIG WIODEL. | | | | |
| HMR. W | | - | - | 140 | - | | | | | | CME-55 LCX | | | | |
| HMR. FA | LL (IN.) | - | - | 30 | - | | | | | | | 1 | | | |
| Depth | SAMPLE | RECOVERY | BLOWS | | so | OIL AND ROCK C | LASSIFICATION | N-DESCRIPTION | | DEPTH (FT.) | STRATUM | ELEV. (FT.) | Remark | | |
| (FT) | NUMBER | (IN) | PER 6" | | BURMISTER SY | YSTEM (SOIL) U | .S. CORPS OF E | NGINEERS SYSTE | EM (ROCK) | DE (F | DESCRIPTION | EL (F | Rer | | |
| | | | | | | | | | | 23.5' | VARVED CLAY | 39.5' | | | |
| 24 | | | | | | | | | | | | | | | |
| 25 | | | | _ | | | | | | | | | | | |
| 25 | | | 1 | S-7: Soft, gray, | CLAY. | | | | | | | | | | |
| 26 | S-7 | 24 | 1 | | | | | | | | | | | | |
| 27 | | | 1 | | | | | | | | | | | | |
| -/ | | | | | | | | | | | | | | | |
| 28 | | | | _ | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | |
| 30 | | | WOR | S-8: Soft, reddi | sh brown, CLAY. | | | | | | | | | | |
| 31 | S-8 | 24 | WOH | | • | | | | | | | | | | |
| 31 | 3-6 | 24 | 2 | | | | | | | | | | | | |
| 32 | | | 1 | _ | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | |
| 33 | | | | _ | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | CLAY | | | | |
| | | | WOR | S-9: Very soft, | reddish brown, (| CLAY. | | | | | | | | | |
| 36 | S-9 | 24 | WOH | _ | | | | | | | | | | | |
| 37 | | | WOH | | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | | | | |
| 40 | | | WOR | S-10: Very soft | , reddish brown, | CLAY. | | | | | | | | | |
| 41 | S-10 | 24 | WOH | | | | | | | | | | | | |
| | | | 1 | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | |
| 45 | | | WOH | S-11: Soft rada | dish brown, CLA | , | | | | | | | | | |
| | S-11 | 24 | WOH | 3-11. 3011, TEGO | aisii bi UWII, CLA | | | | | | | | | | |
| Remarks | | | • | • | | TIC (SPT-N) | | IC (SPT-N) | SAMPLE TYPE | • | PROPORTIO | ONS | | | |
| | | | | | 0-4 = VERY LOOSE 4-10 = LOOSE | | 0-2 = VERY SOF 2-4 = SOFT | | C = ROCK CORE S = SPLIT SPOON | | trace = <10% little = 10% - 20% | | | | |
| | | | | | 10-30 = MEDIUM I | | 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 ST 30 + = HARD | FF | | | | | | | |
| | | | | | | | | | 1 | | l . | | | | |

| | | | | | В | ORIN | G LO | G | | | | | |
|---------------|--|------------------|-----------------|----------------|-----------------------------------|-------------------|------------------------------|-------------------------------|--|----------------|-------------------------------------|----------------|--------|
| | | | PROJECT: | SILVER LANE RE | ESIDENTIAL DEV | 'ELOPMENT | | BORING NO.: SL | R-4 | SHEET: 3 | 3 of 3 | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | |
| - | DLL | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | |
| SL | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING, LLC | | | INSPECTOR: R. G | GOWISNOCK | | | | |
| 99 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 4, 2022 | , | | | | ACE ELEVATION: ±63.0' | | | | |
| EQUIPM | | AUGER | CASING | SAMPLER | COREBRL. | | GR | OUNDWATER DE | | | TYPE OF RIG: | | |
| TYPE | | HSA | - CASING | SS | - | DATE | TIME | | WATER DEPTH | | TRACK W/ AUTOMA | TIC HAM | MFR |
| SIZE ID (I | N \ | 2 1/4 | _ | 1 3/8 | _ | 2022-05-04 | 8:00 AM | | ±9.5' | | RIG MODEL: | 11011741 | IVIEI(|
| | - | | | <u> </u> | | 2022-05-04 | 8:00 AIVI | | 19.3 | | 1 | | |
| HMR. W | | - | - | 140 | - | | | | | | CME-55 LCX | | |
| HMR. FA | LL (IN.) | - | - | 30 | - | | | | | | | | 1 |
| Depth (FT) | SAMPLE NUMBER | RECOVERY (IN) | BLOWS PER 6" | | | | | N-DESCRIPTION ENGINEERS SYSTE | EM (ROCK) | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark |
| | S-11 | 24 | 2 | _ | | | | | | | | | |
| 47 | | | 2 | _ | | | | | | | CLAY | | |
| 48 | | | | | | | | | | 48.0' | | 15.0' | |
| | | | | _ | | | | | | | | | |
| 49 | | | | | | | | | | | | | |
| 50 | | | |] | | <i>f</i> : . | | 6 | - 1 | | GLACIAL TILL | | |
| | | | 10 11 | S-12: Medium | dense, reddish b | orown, fine to co | oarse SAND, so | ome fine to coarse | e Gravel, some Silt. | | | | |
| 51 | S-12 | 15 | 11 | | | | | | | | | | |
| 52 | | | 27 | | | Dottom | of Evaloration | +E3 0 | | 52.0' | | 11.0' | |
| | | | | | | Bottom | of Exploration | ±52.0 | | | | | |
| 53 | | | | | | | | | | | | | |
| 54 | | | | _ | | | | | | | | | |
| | | | | 4 | | | | | | | | | |
| 55 | | | | | | | | | | | | | |
| 56 | | | | _ | | | | | | | | | |
| F-7 | | | | _ | | | | | | | | | |
| 57 | | | | | | | | | | | | | |
| 58 | | | | _ | | | | | | | | | |
| 59 | | | | | | | | | | | | | |
| 33 | | | | _ | | | | | | | | | |
| 60 | | | | | | | | | | | | | |
| 61 | | | | 1 | | | | | | | | | |
| | | | | 4 | | | | | | | | | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| | | | - | - | | | | | | | | | |
| 64 | | | |] | | | | | | | | | |
| 65 | | | | _ | | | | | | | | | |
| | | | | 1 | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | - | 4 | | | | | | | | | |
| | | | | 1 | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| Remarks | : | | | | NON-PLAS | STIC (SPT-N) | PLAST | TIC (SPT-N) | SAMPLE TYPE | <u> </u> | PROPORTI | ONS | |
| | | | | | 0-4 = VERY LOOSE | | 0-2 = VERY SOF | | C = ROCK CORE | | trace = <10% | | |
| | | | | | 4-10 = LOOSE | DENCE | 2-4 = SOFT | | S = SPLIT SPOON | | little = 10% - 20% | | |
| | | | | | 10-30 = MEDIUM I 30-50 = DENSE | DEMOE | 4-8 = MEDIUM 8-15 = STIFF | | UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL | | some = 20% - 35% and = 35% - 50% | | |
| | | | | | 50+ = VERY DENSE | E | 15-30 = VERY ST | | | | | | |
| | | | | | | | 30 + = HARD | | | | | | |

| | | | | | В | ORIN | G LO | G | | | | | |
|-------------------|--|--------------------------------|-----------|-----------------|-----------------------------------|-------------------|---------------------------------|--|---------------------------|----------------|------------------|----------------|--------|
| | | | PROJECT: | SILVER LANE R | ESIDENTIAL DEV | /ELOPMENT | | BORING NO.: SL | R-5 | SHEET: 1 | L of 2 | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOI | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | |
| | | _ | PROJ. NO: | 141.16872.000 | 109 | | | FOREMAN: J. DE | ANGELIS | | | | |
| SLI | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING, LLC | | | INSPECTOR: R. G | SOWISNOCK | | | | |
| 99 <u>203.</u> | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 onsulting.com | DATE: | MAY 4, 2022 | | | | GROUND SURFA | CE ELEVATION: ±65.0' | | | | |
| EQUIPMI | ENT: | AUGER | CASING | SAMPLER | COREBRL. | | GR | OUNDWATER DE | PTH (FT.) | | TYPE OF RIG: | | |
| TYPE | | HSA | - | SS | - | DATE | TIME | | WATER DEPTH | | TRACK W/ AUTOMA | TIC HAM | MER |
| SIZE ID (I | N.) | 2 1/4 | - | 1 3/8 | - | 2022-05-04 | 11:30 AM | | ±9.2 | | RIG MODEL: | | |
| HMR. W | Γ (LB.) | - | - | 140 | - | | | | | | CME-55 LCX | | |
| HMR. FA | LL (IN.) | - | - | 30 | - | | | | | | CIVIE-55 LCX | | |
| Depth | SAMPLE | RECOVERY | BLOWS | | sc | OIL AND ROCK C | LASSIFICATIO | N-DESCRIPTION | | ¥ ∵ | STRATUM | > :- | ark |
| (FT) | NUMBER | (IN) | PER 6" | | BURMISTER S | YSTEM (SOIL) U | .s. corps of | ENGINEERS SYSTE | EM (ROCK) | DEPTH (FT.) | DESCRIPTION | ELEV. (FT.) | Remark |
| | | | | Top 2.5": ASPH | | | | | | 0.2' | ASPHALT | 64.8' | |
| 1 | | | 9 | _ | | | | to coarse Gravel, AND, some fine to | | | | | 1 |
| 2 | S-1 | 18 | 10 | _ | g., asphalt), trac | | | | o dourse dravery | | FILL | | |
| | 3-1 | 10 | 11 11 | Bottom 13": Br | rown, fine to coa | arse SAND, little | Silt. | | | 3.0' | | 62.0 | |
| 3 | | | 11 | S-2: Medium d | ense, brown, fin | ne to medium SA | ND, trace Silt. | | | 3.0 | | 62.0' | 1 |
| 4 | S-2 | 20 | 11 | 1 | | | | | | | | | |
| | | | 10 | 1 | | | | | | | | | |
| 5 | | | 5 | S-3: Medium d | ense, brown, fin | ne to coarse SAN | ID, trace Silt. | | | | | | |
| 6 | S-3 | 22 | 12 14 | - | | | | | | | | | |
| 7 | | | 15 | _ | | | | | | | | | |
| , | | | | 1 | | | | | | | | | |
| 8 | | | | 1 | | | | | | | | | |
| 9 | | | |] | | | | | | 9.2' | G.W.T. | 55.8' | |
| | | | | 1 | | | | | | | SAND | | |
| 10 | | | 3 | S-4: Loose, bro | wn, fine to med | lium SAND, trace | e Silt. | | | | | | |
| 11 | S-4 | 20 | 5 4 | - | | | | | | | | | |
| 12 | | | 2 | <u> </u> | | | | | | | | | |
| | | | | - | | | | | | | | | |
| 13 | | | | _ | | | | | | | | | |
| 14 | | | | 1 | | | | | | | | | |
| 45 | | | | 1 | | | | | | | | | |
| 15 | | | 4 | - ' | | ne to medium SA | ND, trace Silt. | | | | | | |
| 16 | S-5 | 18 | 5 | Bottom 1": Stif | T, gray, CLAY. | | | | | 16.5' | | 48.5' | |
| 17 | | | 4 |] | | | | | | | | | 1 |
| | | | | - | | | | | | | | | |
| 18 | | | | 1 | | | | | | | | | |
| 19 | | | | 4 | | | | | | | | | |
| 20 | | | | | | | | | CLAY | | | | |
| 20 | | | 1 | S-6: Very soft, | gray, CLAY. | | | | | | | | |
| 21 | S-6 | 24 | 1 | 1 | | | | | | | | | |
| 22 | | | 2 |] | | | | | | | | | |
| | | | | 1 | | | | | | | | | |
| Remarks | : 1. Soil classifie | ed from auger cu | uttings. | 1 | | STIC (SPT-N) | | TIC (SPT-N) | SAMPLE TYPE | | PROPORTI | ONS | |
| | | | | | 0-4 = VERY LOOSE | | | | | | | | |
| | | | | | 10-30 = MEDIUM | DENSE | 4-8 = MEDIUM | | UP = UNDISTURBED PISTON | | some = 20% - 35% | | |
| | | | | | 30-50 = DENSE 50+ = VERY DENSI | F | 8-15 = STIFF 15-30 = VERY ST | | UT = UNDISTURBED THINWALL | | and = 35% - 50% | | |
| | | | | | 30+ = HARD | | | | | | | | |

| | | | | | В | ORIN | G LO | G | | | | | | |
|---------------|--|---------------|-----------|--|--|----------------|---------------------------------|------------------------|---------------------------|----------|------------------------------------|---------------|--------|--|
| | | | PROJECT: | SILVER LANE RE | SIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-5 | SHEET: 2 | 2 of 2 | | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | | |
| | DLP | | PROJ. NO: | 141.16872.000 | 141.16872.00009 FOREMAN: J. DEANGELIS | | | | | | | | | |
| SL | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING, LLC | | | INSPECTOR: R. G | GOWISNOCK | | | | | |
| 99 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 4, 2022 | | | | | ACE ELEVATION: ±65.0' | | | | | |
| EQUIPM | | AUGER | CASING | SAMPLER COREBRL. GROUNDWATER DEPTH (FT.) | | | | | | | TYPE OF RIG: | | | |
| TYPE | | HSA | - | SS | - | | | | | | TRACK W/ AUTOMATIC HAMMER | | | |
| SIZE ID (I | N) | 2 1/4 | _ | 1 3/8 | _ | 2022-05-04 | 11:30 AM | | ±9.2 | | RIG MODEL: | 1110 117 (14) | IVILIX | |
| HMR. W | | • | _ | 140 | _ | 2022-03-04 | 11.50 AIVI | | 13.2 | | | | | |
| HMR. FA | | - | | | - | | | | | | CME-55 LCX | | | |
| | | | | 30 | | AND BOCK C | ACCIFICATION | L DESCRIPTION | | | | | Ų | |
| Depth (FT) | (TT) NUMBER (IN) DED C" | | | | | | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark | | | | |
| (F1) | NUIVIDER | (IIV) | PERO | | BURMISTER SY | YSTEM (SOIL) U | .S. CORPS OF I | ENGINEERS SYSTE | EM (ROCK) | □) | DESCRIPTION | Е (| Re | |
| | | | | _ | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | CLAY | | | |
| | | | WOH 1 | S-7: Soft, gray, | CLAY. | | | | | | | | | |
| 26 | S-7 | 24 | 1 | | | | | | | | | | | |
| 27 | | | 1 | | | | | | | 27.0' | | 38.0' | 4 | |
| | | | | | | Bottom | of Exploration | ±27.0° | | | | | | |
| 28 | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | |
| 33 | | | | _ | | | | | | | | | | |
| | | | | _ | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | |
| 35 | | | | _ | | | | | | | | | | |
| 26 | | | | _ | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | |
| 30 | | | | 1 | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | |
| 39 | | | | 4 | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | |
| 41 | | | | - | | | | | | | | | | |
| 42 | | | |] | | | | | | | | | | |
| 42 | | <u></u> | | _ | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Remarks | : | | | | NON-PLAS 0-4 = VERY LOOSE | TIC (SPT-N) | PLAST 0-2 = VERY SOF | TIC (SPT-N) | SAMPLE TYPE C = ROCK CORE | | PROPORTI trace = <10% | ONS | | |
| | | | | | 0-4 = VERY LOOSE 4-10 = LOOSE | | 2-4 = SOFT | | S = SPLIT SPOON | | trace = <10% little = 10% - 20% | | | |
| | | | | | 10-30 = MEDIUM I | DENSE | 4-8 = MEDIUM | | UP = UNDISTURBED PISTON | | some = 20% - 35% | | | |
| | | | | | 30-50 = DENSE 50+ = VERY DENSE | : | 8-15 = STIFF 15-30 = VERY ST | | UT = UNDISTURBED THINWALL | | and = 35% - 50% | | | |
| | | | | | JULY - VENT DENJE | · | 30 + = HARD | ··· | | | | | | |

| | | | | | В | ORIN | G LO | G | | | | | | |
|-------------------------------------|--|------------------|-----------|----------------|--------------------------------------|----------------------|------------------------------|-------------------|--|-------------|-------------------------------------|--------|---|--|
| | | | PROJECT: | SILVER LANE R | ESIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-6 | SHEET: 1 | 1 of 2 | | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | JT | CONTRACTOR: S | SITE, LLC | | | | | |
| - |) L r | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | | |
| SLI | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING, LLC | | | INSPECTOR: R. G | GOWISNOCK | | | | | |
| | Realty Drive, Chesh 271.1773 www.slrc | | DATE: | MAY 4, 2022 | | | | GROUND SURFA | ACE ELEVATION: ±61.5' | | | | | |
| EQUIPMI | ENT: | AUGER | CASING | SAMPLER | COREBRL. | | GR | OUNDWATER DE | EPTH (FT.) | | TYPE OF RIG: | | | |
| TYPE | | HSA | - | SS | SS - DATE TIME WATER DEPTH | | | | | | TRACK W/ AUTOMATIC HAMM | | | |
| SIZE ID (I | N.) | 2 1/4 | - | 1 3/8 | - | 2022-05-04 | 1:30 PM | | ±6.8' | | RIG MODEL: | | | |
| HMR. W | Г (LB.) | - | - | 140 | - | | | | | | 1 | | | |
| HMR. FA | LL (IN.) | - | - | 30 | - | | | | | | CME-55 LCX | | | |
| Depth | SAMPLE | RECOVERY | BLOWS | | so | Ε _ | STRATUM | · ~ | ž | | | | | |
| (FT) | · · · · · · · · · · · · · · · · · · · | | | | | | | EM (ROCK) | DEPTH (FT.) | DESCRIPTION | ELEV. (FT.) | Remark | | |
| | | | | Top 3": ASPHA | | | | | , , | 0.3' | ASPHALT | 61.2' | | |
| 1 | | | | | | | | coarse Gravel, tr | | | FILL | | 1 | |
| | | | 7 | -1 | ense, Top 2": Re rown, fine to me | | | AND, some fine to | coarse Gravel, some Silt. | 1.5' | | 60.0' | 1 | |
| 2 | S-1 | 21 | 10 | Bottom 15 . Bi | own, mic to me | arain 57 (145), inco | ic Sitt. | | | | | | | |
| 3 | | | 6 | | | | | | | | | | | |
| | | | 6 6 | S-2: Medium d | ense, dark brow | n, fine to mediu | m SAND, little | Silt. | | | | | | |
| 4 | S-2 | 20 | 7 | | | | | | | | | | | |
| 5 | | | 6 | | | | | | | | | | | |
| , | | | 4 | S-3: Medium d | ense, brown, fin | e to medium SA | ND, little Silt. | | | | | | | |
| 6 | S-3 | 19 | 5 7 | | | | | | | | | | | |
| _ | | | 8 | | | | | | | 6.8' | G.W.T. | 54.7' | | |
| 7 | | | | | | | | | | | | | 1 | |
| 8 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | 1 | | | | | | | SAND | | | |
| | | | 5 6 | S-4: Medium d | ense, brown, fin | e to coarse SAN | ID, trace Silt. | | | | | | | |
| 11 | S-4 | 22 | 5 | | | | | | | | | | | |
| 12 | | | 6 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 15 | | | 4 | S-5: Medium d | ense, brown, fin | e to coarse SAN | ID, trace Silt. | | | | | | | |
| 16 | S-5 | 18 | 6 | | | | | | | | | | | |
| 10 | 33 | 10 | 8 | | | | | | | | | | | |
| 17 | | | 4 | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | 18.5' | | 43.0' | | |
| 19 | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | |
| 1 S-6: Medium, reddish brown, CLAY. | | | | | | | | | | | | | | |
| 21 | S-6 | 20 | 3 | | | | | | | | CLAY | | | |
| 22 | | | 2 | 1 | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | |
| Remarks | : 1. Soil classifie | ed from auger cu | uttings. | I | NON-PLAS | TIC (SPT-N) | PLAST | TIC (SPT-N) | SAMPLE TYPE | <u> </u> | PROPORTIO | ONS | Щ | |
| | | | Ü | | 0-4 = VERY LOOSE | | 0-2 = VERY SOF | | C = ROCK CORE | | trace = <10% | | | |
| | | | | | 4-10 = LOOSE | DENCE | 2-4 = SOFT | | S = SPLIT SPOON | | little = 10% - 20% | | | |
| | | | | | 10-30 = MEDIUM I 30-50 = DENSE | DENSE | 4-8 = MEDIUM 8-15 = STIFF | | UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL | | some = 20% - 35% and = 35% - 50% | | | |
| | | | | | 50+ = VERY DENSE 15-30 = VERY STIFF | | | | | | | | | |
| | | | | | | | 30 + = HARD | | | | | | | |

| | | | | | В | ORIN | G LO | G | | | | | | | |
|------------|--|---------------|-----------|--|--|-----------------|---------------------------------|-----------------|----------------------------------|----------------|------------------------------------|----------------|--------|--|--|
| | | | PROJECT: | SILVER LANE RE | ESIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-6 | SHEET: 2 | 2 of 2 | | | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | JT | CONTRACTOR: S | SITE, LLC | | | | | | |
| - | DLL | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | | | |
| SL | R International C | Corporation | CLIENT: | SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK | | | | | | | | | | | |
| 99 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | | MAY 4, 2022 GROUND SURFACE ELEVATION: ±61.5' | | | | | | | | | | |
| EQUIPM | | AUGER | CASING | SAMPLER COREBRL. GROUNDWATER DEPTH (FT.) | | | | | | | TYPE OF RIG: | | | | |
| TYPE | | HSA | - | SS | - DATE TIME WATER DEPTH | | | | | | TRACK W/ AUTOMATIC HAMMER | | | | |
| SIZE ID (I | N.) | 2 1/4 | - | 1 3/8 | - | 2022-05-04 | 1:30 PM | | ±6.8' | | RIG MODEL: | | | | |
| HMR. W | Γ (LB.) | - | - | 140 | - | | | | | | 1 | | | | |
| HMR. FA | | - | - | 30 | - | | | | | | CME-55 LCX | | | | |
| Depth | SAMPLE | RECOVERY | BLOWS | | SC | | Ι. | STRATUM | | 논 | | | | | |
| (FT) | NUMBER | (IN) | PER 6" | | | | | ENGINEERS SYSTE | M (ROCK) | DEPTH (FT.) | DESCRIPTION | ELEV. (FT.) | Remark | | |
| | | | | | BORWISTERS | ISTERN (SOIL) O | .5. COM 5 OF | ENGINEERS STOTE | - In (NOCK) | | | | - | | |
| 24 | | | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | | | |
| 25 | | | WOH | S-7: Very soft, i | reddish brown, (| CLAY. | | | | | CLAY | | | | |
| 26 | S-7 | 24 | 1 | | | | | | | | | | | | |
| | | | 2 | | | | | | | 27.0' | | 34.5' | | | |
| 27 | | | | | | Bottom | of Exploration | ±27.0' | | | | | | | |
| 28 | | | | _ | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | _ | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| 31 | | | | _ | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | |
| 35 | | | | _ | | | | | | | | | | | |
| 20 | | | | _ | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | |
| 38 | | | | 1 | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | |
| 40 | | | | _ | | | | | | | | | | | |
| | | | | 1 | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | |
| 42 | | | | - | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | |
| -5 | | | | _ | | | | | | | | | | | |
| 44 | | | | 1 | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | | |
| Remarks | : | | | | | TIC (SPT-N) | | TIC (SPT-N) | SAMPLE TYPE | | PROPORTI | ONS | | | |
| | | | | | 0-4 = VERY LOOSE 4-10 = LOOSE | | 0-2 = VERY SOF 2-4 = SOFT | | C = ROCK CORE S = SPLIT SPOON | | trace = <10% little = 10% - 20% | | | | |
| | | | | | 10-30 = MEDIUM | DENSE | 4-8 = MEDIUM | | UP = UNDISTURBED PISTON | | some = 20% - 35% | | | | |
| | | | | | 30-50 = DENSE 50+ = VERY DENSE | | 8-15 = STIFF 15-30 = VERY ST | | UT = UNDISTURBED THINWALL | | and = 35% - 50% | | | | |
| | | | | | 20+ - VEKT DENSE | • | 30 + = HARD | | | | | | | | |

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

| | | | | | В | ORIN | G LO | G | | | | | | |
|---------------|---|---------------|-----------|--|--|----------------|-------------------------|-------------------|---------------------------|------------------------|---|---------------|--------|--|
| | | | PROJECT: | SILVER LANE RE | SIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-7 | SHEET: 2 | 2 of 2 | | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | | |
| | DLP | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | | |
| SL | R International C | Corporation | CLIENT: | SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK | | | | | | | | | | |
| 99 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 5, 2022 | | | | | ACE ELEVATION: ±64.5' | | | | | |
| EQUIPM | | AUGER | CASING | SAMPLER | , | | | | | | | | | |
| TYPE | | HSA | - | SS | COREBRL. GROUNDWATER DEPTH (FT.) - DATE TIME WATER DEPTH | | | | | | TYPE OF RIG: TRACK W/ AUTOMATIC HAMMER | | | |
| SIZE ID (I | N) | 2 1/4 | _ | 1 3/8 | _ | 2022-05-05 | 8:00 AM | | ±8.3' | | RIG MODEL: | 110 117 (171) | IVILIX | |
| HMR. W | - | • | | 140 | | 2022-05-05 | 8:00 AIVI | | 10.3 | | | | | |
| HMR. FA | | - | - | 30 | - | | | | | | CME-55 LCX | | | |
| | | | | 30 | | NI AND BOCK C | I ASSIEICATIO | N DESCRIPTION | | Ι_ | | | ~ | |
| Depth (FT) | Depth SAMPLE RECOVERY BLOWS SOIL AND ROCK CLASSIFICATION-DESCRIPTION (FT) NUMBER (IN) PER 6" BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK) | | | | | | | | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark | | |
| () | NOMBER | (7 | 12.0 | | BURMISTER S | YSTEM (SOIL) U | .S. CORPS OF I | ENGINEERS SYSTI | ем (коск) | | DESCRIPTION | | Ä | |
| | | | | | | | | | | 23.5' | | 41.0' | • | |
| 24 | | | | | | | | | | | | | | |
| 25 | | | WOH | S-7: Soft reddi | sh brown, CLAY. | | | | | | CLAY | | | |
| 20 | 6.7 | 24 | 1 | 3 7. 3011, 10001. | on brown, clar. | | | | | | CLAT | | | |
| 26 | S-7 | 24 | 1 | | | | | | | | | | | |
| 27 | | | 2 | | | Bottom | of Exploration | +27 0' | | 27.0' | | 37.5' | 4 | |
| 28 | | | | _ | | 20110 | o. Exploration | | | | | | | |
| 28 | | | | | | | | | | | | | | |
| 29 | | | | 4 | | | | | | | | | | |
| 20 | | | | _ | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| 31 | | | | _ | | | | | | | | | | |
| 22 | | | | _ | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | |
| 34 | | | | _ | | | | | | | | | | |
| 35 | | | | _ | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | |
| | | | | <u> </u> | | | | | | | | | | |
| 37 | | | | _ | | | | | | | | | | |
| 38 | | | | 1 | | | | | | | | | | |
| | | | | 4 | | | | | | | | | | |
| 39 | | | | - | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | |
| Darri ' | | | | | Nor or or | TIC (CDT 11) | | FIC (CDT 11) | | | B | ONE | | |
| Remarks | : | | | | NON-PLAS 0-4 = VERY LOOSE | TIC (SPT-N) | PLAST 0-2 = VERY SOF | ric (SPT-N) FT | SAMPLE TYPE C = ROCK CORE | | PROPORTI trace = <10% | UNS | | |
| | | | | | 4-10 = LOOSE | | 2-4 = SOFT | | S = SPLIT SPOON | | little = 10% - 20% | | | |
| | | | | | 10-30 = MEDIUM I | 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 | | | | | anα = 35% - 50% | | | | |
| | | | | | | | 30 + = HARD | | | | | | | |

BORING LOG SILVER LANE RESIDENTIAL DEVELOPMENT BORING NO.: SLR-8 SHEET: 1 of 3 PROJECT: LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT CONTRACTOR: SITE, LLC 141.16872.00009 PROJ. NO: FOREMAN: J. DEANGELIS SLR International Corporation CLIENT: SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com DATE: MAY 5, 2022 **GROUND SURFACE ELEVATION: ±62.5** TYPE OF RIG: EQUIPMENT: AUGER CASING SAMPLER COREBRL **GROUNDWATER DEPTH (FT.)** ГҮРЕ WATER DEPTH HSA DATE TIME TRACK W/ AUTOMATIC HAMMER SS SIZE ID (IN.) RIG MODEL: ±6.2 2 1/4 1 3/8 2022-05-05 11:00 AM HMR. WT (LB.) -140 CME-55 LCX HMR. FALL (IN.) 30 SOIL AND ROCK CLASSIFICATION-DESCRIPTION DEPTH (FT.) BLOWS Depth SAMPLE RECOVERY STRATUM ELEV. (FT) NUMBER (IN) PER 6" DESCRIPTION BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK) Top 3": ASPHALT. Middle 5": Reddish brown, fine to coarse SAND, little fine to coarse Gravel, trace Silt. 0.3' ASPHALT 62.2 Bottom 4": Brown, fine to coarse SAND, little Silt, trace fine Gravel. FILL S-1: Medium dense, Top 6": Brown, fine to coarse SAND, little Silt, trace fine Gravel, 10 13 Bottom 10": Brown, fine to medium SAND, trace Silt. 2.0' 60.5 S-1 16 15 12 S-2: Dense, brown, fine to medium SAND, little Silt. 14 16 24 S-2 14 15 4 S-3: Medium dense, brown, fine to medium SAND, trace Silt. G.W.T. 56.3 S-3 21 7 7 10 6 S-4: Loose, brown, fine to coarse SAND, trace Silt. SAND 5 11 S-4 24 3 12 13 14 15 S-5: Medium dense, brown, fine to coarse SAND, trace Silt. 16 S-5 20 4 17 18 18.5' 44.0 19 20 WOH S-6: Very soft, gray, CLAY. CLAY 21 S-6 24 1 1 22 NON-PLASTIC (SPT-N) SAMPLE TYPE PROPORTIONS Remarks: 1. Soil classified from auger cuttings. PLASTIC (SPT-N) 0-4 = VERY LOOSE C = ROCK CORE 0-2 = VERY SOFT trace = <10% 4-10 = LOOSE 2-4 = SOFT S = SPLIT SPOON little = 10% - 20% 10-30 = MEDIUM DENSE LIP = LINDISTURBED PISTON 4-8 = MEDIUM some = 20% - 35% 30-50 = DENSE 8-15 = STIFF UT = UNDISTURBED THINWALL and = 35% - 50% 50+ = VERY DENSE 15-30 = VERY STIFF 30 + = HARD

| | | | | | В | ORIN | G LO | G | | | | | | | |
|------------|--|---------------|-----------|--|--------------------------------|------------------------------------|--------------------------------|-----------------|--|----------------|--|---------------------------|--------|--|--|
| | | | PROJECT: | SILVER LANE RI | ESIDENTIAL DEV | 'ELOPMENT | | BORING NO.: SL | R-8 | SHEET: 2 | 2 of 3 | | | | |
| | SLF | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | | | |
| - | DLL | | PROJ. NO: | 141.16872.00009 FOREMAN: J. DEANGELIS | | | | | | | | | | | |
| | R International C | | CLIENT: | CLIENT: SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK | | | | | | | | | | | |
| 99 203 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 5, 2022 GROUND SURFACE ELEVATION: ±62.5' | | | | | | | | | | | |
| EQUIPM | · · | AUGER | CASING | SAMPLER | COREBRL. | TYPE OF RIG: | | | | | | | | | |
| TYPE | | HSA | - | SS | SS - DATE TIME WATER DEPTH | | | | | | | TRACK W/ AUTOMATIC HAMMER | | | |
| SIZE ID (I | N.) | 2 1/4 | - | 1 3/8 | DIG MODE | | | | | | | | | | |
| HMR. W | Г (LB.) | - | - | 140 | - | | | | | | CME-55 LCX | | | | |
| HMR. FA | LL (IN.) | - | - | 30 | | | | | | | | | | | |
| Depth | SAMPLE | RECOVERY | BLOWS | | sc | OIL AND ROCK O | LASSIFICATIO | N-DESCRIPTION | | Ε÷ | STRATUM | 3.7 | rk | | |
| (FT) | NUMBER | (IN) | PER 6" | | BURMISTER S | YSTEM (SOIL) U | .s. corps of | ENGINEERS SYSTI | EM (ROCK) | DEPTH (FT.) | DESCRIPTION | ELEV. (FT.) | Remark | | |
| | | | | | | | | | | | <u>I</u> | | | | |
| 24 | | | | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | | | | |
| 25 | | | WOH | S-7: Very soft, | reddish brown, (| CLAY. | | | | | | | | | |
| 26 | S-7 | 24 | 1 | | | | | | | | | | | | |
| 27 | | | 2 | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | |
| 20 | | | | 1 | | | | | | | | | | | |
| 30 | | | WOR | S-8: Very soft, | reddish brown, (| CLAY. | | | | | | | | | |
| 31 | S-8 | 24 | WOH | 1 | | | | | | | | | | | |
| 32 | | | 1 | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | |
| 33 | | | | 1 | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | |
| | | | | 1 | | | | | | | CLAY | | | | |
| 35 | | | WOR | S-9: Very soft, | reddish brown, (| CLAY. | | | | | | | | | |
| 36 | S-9 | 24 | WOH 1 | | | | | | | | | | | | |
| 37 | | | 1 | | | | | | | | | | | | |
| 37 | | | | 1 | | | | | | | | | | | |
| 38 | | | | † | | | | | | | | | | | |
| 39 | | | |] | | | | | | | | | | | |
| | | | | 1 | | | | | | | | | | | |
| 40 | | | WOR | S-10: Very soft | , reddish brown | , CLAY. | | | | | | | | | |
| 41 | S-10 | 24 | WOH 1 | 1 | | | | | | | | | | | |
| 42 | | | 2 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | |
| 45 | | | | † | | | | | | | | | | | |
| 45 | S-11 | 24 | WOR | - | Very soft, reddis | | | | | | | | | | |
| Remarks | | | WOH | Bottom 2": Ver | ry loose, reddish NON-PLAS | n brown, SILT, lit STIC (SPT-N) | | TIC (SPT-N) | SAMPLE TYPE | | PROPORTI | ONS | Щ | | |
| | | | | | 0-4 = VERY LOOSE | | 0-2 = VERY SOF | - Т | C = ROCK CORE | | trace = <10% | | | | |
| | | | | | 4-10 = LOOSE 10-30 = MEDIUM | DENSE | 2-4 = SOFT 4-8 = MEDIUM | | S = SPLIT SPOON UP = UNDISTURBED PISTON | | little = 10% - 20% some = 20% - 35% | | | | |
| | | | | | 30-50 = DENSE | | 8-15 = STIFF | | UT = UNDISTURBED THINWALL | | and = 35% - 50% | | | | |
| | | | | | 50+ = VERY DENSE | E | 15-30 = VERY ST 30 + = HARD | TIFF | | | | | | | |
| | | | | | l | | | | I. | | 1 | | | | |

| PROJECT: SILVER LANE RESIDENTIAL DEVELOPMENT BORING NO.: SLR-8 LOCATION: NUTMEG LANE, EAST HARTFORD, CONNECTICUT CONTRACTOR: SITE, LLC PROJ. NO: 141.16872.00009 FOREMAN: J. DEANGELIS SLR International Corporation | #62.5' | 3 of 3 | | | | | |
|---|----------------|------------------------------------|----------------|--------|--|--|--|
| PROJ. NO: 141.16872.00009 FOREMAN: J. DEANGELIS | ±62.5' | | | - | | | |
| PROJ. NO: 141.168/2.00009 FOREMAN: J. DEANGELIS | ±62.5' | | | | | | |
| SLR International Corporation | ±62.5' | | | | | | |
| CLIENT: SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK | ±62.5' | | | | | | |
| 99 Realty Drive, Cheshire, CT 06410 203.271.1773 www.slrconsulting.com DATE: MAY 5, 2022 GROUND SURFACE ELEVATION: | | | | | | | |
| EQUIPMENT: AUGER CASING SAMPLER COREBRL. GROUNDWATER DEPTH (FT.) | | TYPE OF RIG: | | | | | |
| TYPE HSA - SS - DATE TIME WATER DEPTI | н | TRACK W/ AUTOMATIC HA | | | | | |
| | | RIG MODEL: | ATTC TIAIVI | IVILIX | | | |
| | | - | | | | | |
| HMR. WT (LB.) 140 - | | CME-55 LCX | | | | | |
| HMR. FALL (IN.) 30 - | | + | 1 | | | | |
| Depth SAMPLE RECOVERY BLOWS SOIL AND ROCK CLASSIFICATION-DESCRIPTION | DEPTH (FT.) | STRATUM | ELEV. (FT.) | Remark | | | |
| (FT) NUMBER (IN) PER 6" BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (ROCK) | | | | Re | | | |
| S-11 24 1 | 46.5' 47.3' | CLAY | 16.0' | } | | | |
| 47 | 47.3 | SILT | 15.2' | 1 | | | |
| 48 | | | | | | | |
| | | | | | | | |
| 49 | | 0140141 7111 | | | | | |
| 50 | | GLACIAL TILL | | | | | |
| 5 S-12: Medium dense, reddish brown, fine to coarse SAND, some fine to coarse Gravel, some C | layey Silt. | | | | | | |
| 51 S-12 13 3 12 | | | | | | | |
| 52 15 | 52.0' | | 10.5' | | | | |
| Bottom of Exploration ±52.0' | | | | | | | |
| 53 | | | | | | | |
| 54 | | | | | | | |
| | | | | | | | |
| 55 | | | | | | | |
| 56 | | | | | | | |
| | | | | | | | |
| 57 | | | | | | | |
| 58 | | | | | | | |
| | | | | | | | |
| 59 | | | | | | | |
| 60 | | | | | | | |
| | | | | | | | |
| 61 | | | | | | | |
| 62 | | | | | | | |
| | | | | | | | |
| 63 | | | | | | | |
| 64 | | | | | | | |
| | | | | | | | |
| 65 | | | | | | | |
| 66 | | | | | | | |
| | | | | | | | |
| 67 | | | | | | | |
| 68 | | | | | | | |
| | | | | | | | |
| | IPLE TYPE | PROPORT | IONS | | | | |
| 0-4 = VERY LOOSE | | trace = <10% little = 10% - 20% | | | | | |
| 10-30 = MEDIUM DENSE 4-8 = MEDIUM UP = UNDISTURBE | D PISTON | some = 20% - 35% | | | | | |
| 30-50 = DENSE 8-15 = STIFF UT = UNDISTURBE | D THINWALL | and = 35% - 50% | | | | | |
| 50+ = VERY DENSE 15-30 = VERY STIFF 30 + = HARD | | | | | | | |

| | | | | | В | ORIN | G LO | G | | | | | | |
|---|---|-------------|---------------|-----------------|--------------------------------|-----------------|--------------------------------|--------------------|--|-------------------------|--|-------|-----|--|
| | | | PROJECT: | SILVER LANE R | ESIDENTIAL DEV | 'ELOPMENT | | BORING NO.: SL | R-9 | SHEET: 1 | 1 of 2 | | | |
| | SLF | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | UT | CONTRACTOR: S | SITE, LLC | | | | | |
| - |) L r | | PROJ. NO: | 141.16872.000 | 109 | | | FOREMAN: J. DE | ANGELIS | | | | | |
| SL | R International C | Corporation | CLIENT: | SOLLI ENGINEE | RING, LLC | | | INSPECTOR: R. G | GOWISNOCK | | | | | |
| | Realty Drive, Chesh 271.1773 www.slrc | | DATE: | MAY 5, 2022 | | | | GROUND SURFA | ACE ELEVATION: ±61.0' | | | | | |
| EQUIPM | ENT: | AUGER | CASING | SAMPLER | COREBRL. | | GR | OUNDWATER DE | EPTH (FT.) | | TYPE OF RIG: | | | |
| TYPE | | HSA | - | SS | - | DATE | TIME | | WATER DEPTH | TRACK W/ AUTOMATIC HAMM | | | MER | |
| SIZE ID (I | N.) | 2 1/4 | - | 1 3/8 | - | RIG MODEL: | | | | | | | | |
| HMR. W | T (LB.) | - | - | 140 | 140 - | | | | | | | | | |
| HMR. FA | LL (IN.) | - | - | 30 | - | | | | | | CME-55 LCX | | | |
| Depth | SAMPLE | RECOVERY | BLOWS | | sc | OIL AND ROCK C | LASSIFICATIO | N-DESCRIPTION | | ∓ ∵ | STRATUM | > ∵ | ark | |
| (FT) NUMBER (IN) PER 6" BURMISTER SYSTEM (SOIL) U.S. CORPS OF ENGINEERS SYSTEM (R | | | | | | | EM (ROCK) | DEPTH (FT.) | DESCRIPTION | ELEV. (FT.) | Remark | | | |
| | 1 S-1: Loose, Top 12": Dark brown, fine to medium SAND, little Silt, trace fine Gravel, trace Organics. | | | | | | | | | TOPSOIL | | | | |
| 1 | S-1 | 15 | <u>3</u> | Bottom 3": Red | ddish brown, fin | e to coarse SAN | D, fine to coar | se Gravel, trace S | ilt. | 1.0' | | 60.0' | | |
| 2 | | | 3 | - | | | | | | | | | | |
| 2 | | | 3 | S-2: Loose, bro | wn, fine to coar | se SAND, trace | Silt, trace Orga | inics. | | | 5111 | | | |
| 3 | S-2 | 12 | 4 | 1 | | | | | | | FILL | | | |
| 4 | | | 5 | 1 | | | | | | | | | | |
| | | | | 4 | | | | | | 4.5' | | 56.5' | 1 | |
| 5 | | | 10 | S-3: Medium d | ense, brown, fin | e to medium SA | ND, little Silt. | | | | | | | |
| 6 | S-3 | 3 | 10 9 | - | | | | | | | | | | |
| , | | | 9 | 1 | | | | | | | | | | |
| 7 | | | | 1 | | | | | | | | | | |
| 8 | | | | - | | | | | | 8.0' | G.W.T. | 53.0' | 1 | |
| 9 | | | | 1 | | | | | | | | | | |
| | | | | - | | | | | | | | | | |
| 10 | | | 7 | S-4: Medium d | ense, brown, fin | e to coarse SAN | ID, little Silt. | | | | SAND | | | |
| 11 | S-4 | 6 | 8 |] | | | | | | | | | | |
| 40 | | | 6 | 1 | | | | | | | | | | |
| 12 | | | |] | | | | | | | | | | |
| 13 | | | | 1 | | | | | | | | | | |
| 14 | | | | 1 | | | | | | | | | | |
| | | | | - | | | | | | | | | | |
| 15 | | | 8 | - | ose, brown, fine | to coarse SAND | , trace Silt. | | | | | | | |
| 16 | S-5 | 16 | <u>6</u> 3 | Bottom 10": St | iff, gray, CLAY. | | | | | 16.0' | | 45.0' | | |
| 17 | | | 3 | | | | | | | | | | | |
| 17 | | | | 1 | | | | | | | | | | |
| 18 | | | | 1 | | | | | | | | | | |
| 19 | | | |] | | | | | | | | | | |
| | | | | | | | | | | | CLAY | | | |
| 201 S-6: Soft, gray, CLAY. | | | | | | | | | | | | | | |
| 21 | S-6 | 24 | 1 | - | | | | | | | | | | |
| 22 | | | 1 | 1 | | | | | | | | | | |
| 22 | | | | 4 | | | | | | | | | | |
| Remarks | : | [| l | 1 | NON-PLAS | STIC (SPT-N) | PLAST | TIC (SPT-N) | SAMPLE TYPE | <u> </u> | PROPORTI | ONS | | |
| | | | | | 0-4 = VERY LOOSE | | | | | | | | | |
| | | | | | 4-10 = LOOSE 10-30 = MEDIUM | DENSE | 2-4 = SOFT 4-8 = MEDIUM | | S = SPLIT SPOON UP = UNDISTURBED PISTON | | little = 10% - 20% some = 20% - 35% | | | |
| | | | | | 30-50 = DENSE | | 8-15 = STIFF | | UT = UNDISTURBED THINWALI | - | and = 35% - 50% | | | |
| | | | | | 50+ = VERY DENSE | <u> </u> | 15-30 = VERY ST 30 + = HARD | IFF | | | | | | |

| | | | | | В | ORIN | G LO | G | | | | | |
|---------------|--|---------------|------------|--|---|----------------|-------------------------|------------------------|--|----------|--------------------------|-----------|--------|
| | | | PROJECT: | SILVER LANE RI | ESIDENTIAL DEV | ELOPMENT | | BORING NO.: SL | R-9 | SHEET: 2 | 2 of 2 | | |
| | SLR | | LOCATION: | NUTMEG LANE | , EAST HARTFOR | RD, CONNECTIC | JT | CONTRACTOR: S | SITE, LLC | | | | |
| | DLL | | PROJ. NO: | 141.16872.000 | 09 | | | FOREMAN: J. DE | ANGELIS | | | | |
| SLI | R International C | Corporation | CLIENT: | SOLLI ENGINEERING, LLC INSPECTOR: R. GOWISNOCK | | | | | | | | | |
| 99 | Realty Drive, Chesh 271.1773 www.slrc | ire, CT 06410 | DATE: | MAY 5, 2022 | -, - | | | | ACE ELEVATION: ±61.0' | | | | |
| EQUIPMI | | AUGER | CASING | SAMPLER | | | | | | | | | |
| TYPE | | HSA | - CASING | SS | - | DATE | | TRACK W/ AUTOMA | тіс нам | MFR | | | |
| SIZE ID (I | N \ | 2 1/4 | | 1 3/8 | _ | 2022-05-05 | 1:00 PM | | ±8.0' | | RIG MODEL: | THE HAIVI | IVILIX |
| HMR. W | - | | | <u> </u> | | 2022-05-05 | 1:00 PIVI | | 10.0 | | | | |
| | | - | - | 140 | - | | | | | | CME-55 LCX | | |
| HMR. FA | | - | - | 30 | - | | | L DECODIDE ON | | T _ | | | ų. |
| Depth (ET) | (FT) NUMBER (IN) DED C" | | | | | | DEPTH (FT.) | STRATUM DESCRIPTION | ELEV. (FT.) | Remark | | | |
| (F1) | NUIVIDER | (IIV) | PERO | | BURMISTER S | YSTEM (SOIL) U | .S. CORPS OF I | ENGINEERS SYSTI | EM (ROCK) | □) | DESCRIPTION | Е (| Re |
| | | | | _ | | | | | | | | | |
| 24 | | | | _ | | | | | | | | | |
| 25 | | | |] | | | | | | | CLAY | | |
| | | | WOR WOH | S-7: Very soft, | reddish brown, (| CLAY. | | | | | | | |
| 26 | S-7 | 24 | WOH | _ | | | | | | | | | |
| 27 | | | 1 | | | | | | | 27.0' | | 34.0' | 4 |
| | | | | _ | | Bottom | of Exploration | ±27.0° | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | _ | | | | | | | | | |
| | | | | _ | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | _ | | | | | | | | | |
| | | | | _ | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | 4 | | | | | | | | | |
| 36 | | | | _ | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 37 | | | | _ | | | | | | | | | |
| 38 | | | |] | | | | | | | | | |
| 30 | | | | _ | | | | | | | | | |
| 39 | | | | | | | | | | | | | |
| 40 | | | | 1 | | | | | | | | | |
| | | | <u> </u> | _ | | | | | | | | | |
| 41 | | | | - | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| _ | | | | _ | | | | | | | | | |
| 43 | | | 1 | 1 | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| | | | <u> </u> | 4 | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| Dagger ' | | | | | NO. 51 11 | TIC (CDT 11) | | FIC (CDT 11) | | | B | ONC | Щ |
| Remarks | • | | | | NON-PLAS 0-4 = VERY LOOSE | TIC (SPT-N) | PLAST 0-2 = VERY SOF | TIC (SPT-N) | SAMPLE TYPE C = ROCK CORE | | PROPORTI trace = <10% | UNS | |
| | | | | | 4-10 = LOOSE | | 2-4 = SOFT | | S = SPLIT SPOON | | little = 10% - 20% | | |
| | | | | | 10-30 = MEDIUM 30-50 = DENSE | DENSE | 4-8 = MEDIUM | | UP = UNDISTURBED PISTON UT = UNDISTURBED THINWALL | | some = 20% - 35% | | |
| | | | | | 30-50 = DENSE 8-15 = STIFF UT = UNDISTURBED THINWALL and = 35% - 50% 50+ = VERY DENSE 15-30 = VERY STIFF | | | | | | | | |
| | | | | | | | 30 + = HARD | | | | | | |

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.

