

LISA C. GOODHEART GOODHEART@SUGARMANROGERS.COM

September 9, 2021

By E-mail ehorowitz@njc-ma.org

Ethan R. Horowitz, Esq. Managing Director Northeast Justice Center 50 Island Street, Suite 203GB Lawrence, MA 01840

> Re: *Barbara Craw et al., v. Hometown America, LLC, et al.*, Case 18-cv-12149-LTS Completion of Stormwater Management System Improvement Projects Oakhill Settlement Agreement, Section III.C.3 (Doc. 171-1, filed May 6, 2021)

Dear Ethan:

On behalf of Hometown, and in advance of the upcoming fairness hearing on the proposed Oakhill Class Action Settlement Agreement (Doc. 171-1), I am writing to confirm Hometown's completion of all three of the Stormwater Management System Improvement Projects described in Section III.C.3 of that Agreement (at pp. 22-23). Tristan and I have previously provided you with informal status reports on these projects by telephone and through email. This letter provides a formal project completion report along with the following supporting documentation:

Shanley Drive Galley Drain:

- Tab 1: Kelly Engineering Group's Drainage Improvement Plan, for the Shanley Drive Galley Drain;
- Tab 2: SLT Construction Corporation Invoice, dated January 31, 2021, for construction of the Shanley Drive Galley Drain improvements;
- Tab 3: Closeout Letter from Garrett Horsfall, the Design Engineer at Kelly Engineering, dated February 23, 2021, confirming completion of the Shanley Drive Galley Drain project;

92-93 Such Drive Yard Drain:

- Tab 4: DeCelle-Burke-Sala & Associates Plan of a proposed 92-93 Such Drive Yard Drain, dated May 25, 2018;
- Tab 5: Allen & Major Associates, Inc.'s Oakhill Field Report #7, dated December 22, 2020, with further recommendations for the proposed 92-93 Such Drive Yard Drain;
- Tab 6: Allen & Majors Associates, Inc's Grading & Drainage Plan for the 92-93 Such Drive Yard Drain, dated April 1, 2021;

#### Sugarman, Rogers, Barshak & Cohen, P.C.

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- Tab 7: SLT Construction Corporation Invoice, dated May 26, 2021, for construction of the 92-93 Such Drive Yard Drain project;
- Tab 8: Photographs of the installation of the 92-93 Such Drive Yard Drain; and

102-102A Shanley Drive Yard Drain Plan:

- Tab 9: Allen & Majors Associates, Inc.'s Infiltration Field Focus Plan for the 102-102A Shanley Drive Yard Drain, dated August 24, 2021.
- 1. Expansion of the Shanley Drive Galley Drain.

The first System Improvement Project required by the parties' Agreement is the expansion of the Shanley Drive galley drain system (the "Shanley Drive Galley Dain"). *See* Settlement Agreement at Section III.C.3, pp. 22-23. This project consists of the expansion of and upgrade to the galley system beneath Shanley Drive. The upgraded system was designed by the Kelly Engineering Group of Braintree, and is illustrated by Kelly Engineering's Drainage Improvement Plan, which was originally dated September 18, 2020 and revised for construction purposes on January 5, 2021. A copy of this plan is attached hereto at Tab 1.

Hometown engaged SLT Construction Corp. to perform the construction work for the Shanley Drive Galley Drain project pursuant to the Kelly Engineering plan. SLT completed this construction work in January of 2021, as confirmed by the attached January 31, 2021 SLT Construction Corporation Invoice in the amount of \$74,080.00, *see* <u>Tab 2</u>, and the February 23, 2021 Closeout Letter from Garrett Horsfall, the Design Engineer at Kelly Engineering, *see* <u>Tab 3</u>.

As set forth above and in the referenced documents, Hometown has fully satisfied its obligations under the Oakhill Settlement Agreement with respect to the Shanley Drive Galley Drain system improvement project.

2. Design and Installation of the 92-93 Such Drive Yard Drain.

The second required System Improvement Project is the design and installation of a new drain in the yard area between the homes located at 92 and 93 Such Drive, respectively (the 92-93 Such Drive Yard Drain"). *See* Settlement Agreement at Section III.C.3, pp. 22-23. The original plan for this yard drain was designed prior to the parties' Settlement Agreement by the civil engineering group at DeCelle-Burke-Sala & Associates, as depicted on a plan dated May 25, 2018. *See* <u>Tab 4</u>. That plan recommended a drain be installed in the area towards the rear of the lots located at 92 and 93 Such Drive.

Prior to proceeding with installation of the 92-93 Such Drive Yard Drain, Hometown determined that it would be prudent to obtain a professional engineering review of the 2018 DeCelle-Burke-Sala plan, since more than two years had passed since that plan's creation and since Philip Cordeiro, P.E. of Allen and Major Associates, Inc. had conducted more recent drainage assessments at Oakhill. Mr. Cordeiro was tasked with providing the requested engineering review, prior to construction. After reviewing the 2018 DeCelle-Burke-Sala plan, Mr. Cordeiro raised certain concerns about its likely efficacy to improve the drainage conditions at 92-93 Such Drive. Specifically, Mr. Cordeiro determined that the plan as

#### Sugarman, Rogers, Barshak & Cohen, P.C.

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originally designed did not accurately reflect and account for the current site grading, based on his own observations of the area. He further determined that the present-day site conditions are sufficiently different from those observed in May of 2018 that the yard drain as originally designed by DeCelle-Burke-Sala would not be optimally effective without some additional site work.

Based on these observations, Hometown asked Mr. Cordeiro to re-inspect the area, survey the topography, perform any necessary calculations, and, ultimately, recommend how best to address the drainage and plan for the new yard drain between 92 and 93 Such Drive. After inspecting the two sites on December 14, 2020, Mr. Cordeiro issued his Oakhill Field Report #7, dated December 22, 2020 (*see* <u>Tab 5</u>) in which he detailed his observations and recommendations. As explained in this report, Mr. Cordeiro agreed that subsurface Cultec chambers should be installed, but he also recommended additional steps to divert the water at these sites to the new chambers. Mr. Cordeiro outlined alternative approaches for pursuing the latter goal, by either (1) regrading the surrounding area so as to eliminate low points in the topography and confirm a slope that would direct water in a uniform manner to the low area where the drain would be sited; or (2) modifying the gutter systems on the two homes to direct water toward the landform as it slopes away from the structure, or directly piping the gutter systems from these two homes into the subsurface field.

Hometown determined to pursue the first of these alternative approaches (the site regrading option). Mr. Cordeiro then prepared a new Grading & Drainage Plan, dated April 1, 2021, for Such Drive (which Tristan shared with you via email on April 13, 2021). *See <u>Tab 6</u>*. This plan details the updated and enhanced design plan for the 92-93 Such Drive Yard Drain (a slotted drain with cultec chambers), and also provides construction details regarding the proposed site grading work to be performed in conjunction with the installation of that yard drain.

Hometown engaged SLT Construction Corporation to perform the installation of the 92-93 Such Drive Yard Drain and the associated site regrading, pursuant to Mr. Cordeiro's updated and enhanced plan. The work was completed in May, 2020, as evidenced by the enclosed SLT invoice dated May 26, 2021, in the amount of \$18,500.00, and the enclosed photographs of the installation work being performed on site. *See* <u>Tab 7</u> and <u>Tab 8</u>.

As set forth above and in the referenced documents, Hometown has fully satisfied its obligations under the Oakhill Settlement Agreement with respect to the 92-93 Such Drive Yard Drain system improvement project.

#### 3. Preparation of a Plan Depicting the 102-102A Shanley Drive Yard Drain

The third required System Improvement Project is the preparation of an as-built plan, for operational reference purposes, to depict the pre-existing four cultec chamber drain in the yard area between the homes located at 102 and 102A Shanley Drive (the "102-102A Shanley Drive Yard Drain"). *See* Settlement Agreement at Section III.C.3, pp. 22-23. While this component of the Oakhill drainage infrastructure had been was installed well before the parties' Agreement was entered into, Hometown did not have a site plan that reliably confirmed the location and layout of this yard drain, and the Agreement called for the creation of such a plan.

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Mr. Cordeiro conducted a field inspection of the site on March 1, 2021, to perform his own firsthand inspection of the 102-102A Shanley Drive Yard Drain. He confirmed that a subsurface drainage field consisting of four Cultec 150XLHD chambers, along with an adjacent area yard drain, was present in the yard between 102 and 102A Shanley Drive home sites, and he further confirmed the approximate location, orientation, and relative sizes of these structures. To document this information, Mr. Corderio prepared an Infiltration Field Focus Plan, dated August 24, 2021. *See <u>Tab 9</u>*.

We expect that this new plan will provide a useful additional reference to those charged with the ongoing maintenance and operation of the Oakhill stormwater management system. We are also pleased to note that the 102-102A Shanley Drive Yard Drain as confirmed and shown on Mr. Cordeiro's new plan turns out to be fully consistent with the previously-assumed location and layout of the same, as shown on the Oakhill Stormwater Management System Operation & Maintenance Locus Plan dated October 8, 2020, which is attached to and incorporated by reference in the Oakhill Stormwater Management Operation & Maintenance Program Document, as Exhibit G to the parties' Settlement Agreement.

As set forth above and in the referenced documents, Hometown has fully satisfied its obligations under the Oakhill Settlement Agreement with respect to the preparation of the 102-102A Shanley Drive Yard Drain Plan.

Based on the foregoing information and the accompanying documentation, I would appreciate your written confirmation that you are satisfied that Hometown has fulfilled its obligations for the Stormwater Management System Improvement Projects, as set forth in Section III.C.3, pp. 22-23 of the parties' Oakhill Settlement Agreement. Thank you for your attention to this matter.

Sincerely,

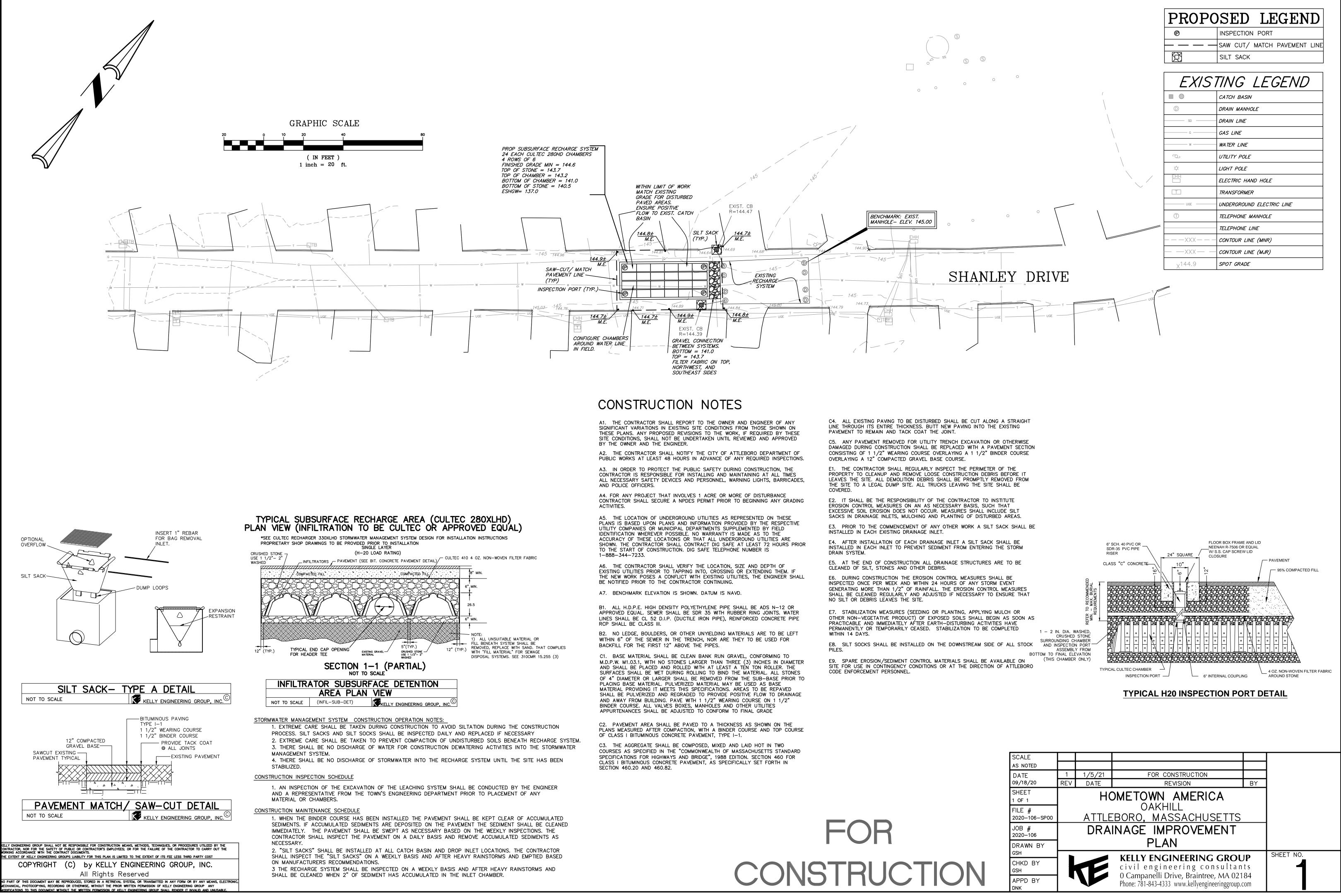
Jun Goodheart

Lisa C. Goodheart

Enclosures (Tabs 1-9)

cc: Mr. Kyle Howieson, Hometown America, khowieson@hometownamerica.com

4829-4584-9075, v. 4





### SLT CONSTRUCTION CORPORATION

#### 3 Marion Drive Carver, MA 02330 (508) 866-9061

BILL	Hometown America
10	Attn: Peter Conant
	200 Oak Point Drive
	Middleboro, MA 02346

JOB

Miscellaneous Jobs See Job Detail Below

CUSTOMER	PURCHASE ORDER NO.	JOB NO.	BILL THRU	TERMS	INVOICE DATE	PAGE
HOMETOWN				Net 30	1/31/21	1

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
OAK 1003	HILL COMMUNITY B OAKHILL AVENUE UNT EBORO, MA 02703 1			74,080.00
			SALE AMOUNT	74,080.00
			TOTAL	\$74,080.00



Since 1986

**OCTOBER 1, 2020** 

MR. PETER CONANT HOMETOWN AMERICA 31 LEISUREWOODS DRIVE MIDDLEBORO, MA 02370

PROJECT: <u>OAKHILL DRAINAGE</u> <u>ATTLEBORO, MA</u>

### PROPOSAL

DEAR PETER:

2.

WE ARE PLEASED TO QUOTE THE SUM OF \$74,080.00 FOR WORK TO BE COMPLETED FOR THE PROJECT NAMED ABOVE.

CIVIL PLANS BY: PLANS DATED: PLAN REVISIONS: DRAWING NUMBERS: KELLY ENGINEERING 9/18/2020 N/A SHEET 1

#### **SCOPE OF WORK TO BE PERFORMED:**

- 1. SAW CUT EXISTING ASPHALT. REMOVE ASPHALT TO LIMITS SHOWN ON PLAN. DISPOSE OF ALL DEBRIS OFF SITE AT A LEGAL DUMPSITE.
  - FURNISH AND INSTALL TWO (2) SILT SACKS PER PLAN.
- 3. EXCAVATE AND INSTALL ALL COMPONENTS NECESSARY FOR UNDER GROUND INFILTRATION DESIGN.

sltconstruction.net (508) 866-9061 Fix: (508) 866-9499

- 4. PROVIDE AND INSTALL ROAD GRAVEL AT A THICKNESS OF 12". FINE GRADE AND PAVE AT A THICKNESS OF 4". PRICE INCLUDES REPLACEMENT OF BERM DISTURBED DURING CONSTRUCTION.
- 5. REPAIR LOAM AND SEED AREAS DISTURBED DURING CONSTRUCTION.

#### 6. EXCLUSIONS- PRICE DOES NOT INCLUDE:

- A. ENGINEERING AND LAYOUT.
- B. INSPECTION, TESTING AND MUNICIPAL TIE-IN FEES.
- C. CONDUIT, POWER CABLE, TRANSFORMERS AND STREET LIGHTS FOR UNDERGROUND ELECTRIC SYSTEM.
- D. FIRE ALARM BOXES, WIRING, AND CONDUIT.
- E. LANDSCAPING, OTHER THAN SPREADING OF LOAM, SEEDING, WETLAND REPLICATION AND DECORATIVE STONE WALLS.
- F. FENCING.
- G. REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIALS SUCH AS PEAT, LEDGE, HAZARDOUS WASTE AND BOULDERS OVER ONE CUBIC YARD IN SIZE.
- H. CONCRETE AND CONCRETE FORM WORK.
- I. ANY WORK REQUIRING THE SERVICES OF A LICENSED PLUMBER OR ELECTRICIAN.
- J. SWEEPING AND TACK COAT.
- K. ASPHALT PAVING PRICE INCREASES/DECREASES-PRICES QUOTED ARE BASED ON THE CURRENT FOB REFINERY PRICES ON LIQUID ASPHALT. SUCH PRICES ARE NOT GUARANTEED BY THE MAJOR OIL COMPANIES AND ARE SUBJECT TO ADJUSTMENT DURING THE TERM OF THIS CONTRACT. THE BASE PRICE FOR LIQUID ASPHALT FOR THIS CONTRACT IS \$490.00 PER TON. ANY CHANGE IN THE PRICE OF LIQUID ASPHALT (INCREASE OR DECREASE) WILL REQUIRE A CHANGE OF \$.060 PER TON OF ASPHALT USED ON THE PROJECT FOR EVERY \$1.00 PER TON INCREASE IN THE PRICE OF LIQUID ASPHALT.
- L. ALL WORK ASSOCIATED WITH WINTER CONDITIONS, SUCH AS THE REMOVAL AND REPLACEMENT OF FROZEN SOILS, SNOW REMOVAL, ETC.
- M. ALL WORK ASSOCIATED WITH LOCAL CONERVATIONS COMMISSION ORDER OF CONDITIONS OR OTHER REGULATORY AGENCIES.
- N. TEMPORARY SEDIMENTATION PONDS OR SWALES.
- O. SWPPP INSPECTIONS AND REPORTING.



- P. PIPE JACKING OR BORING FOR THE INSTALLATION OF UTILITIES. SHEETING OR SHORING OF EXISTING STRUCTURES AND PUBLIC WAYS.
- Q. ALL WORK ASSOCIATED WITH GEOTECHNICAL REPORT AND TEST PITS FOR THIS PROJECT.
- OUR PROPOAL IS BASED ON THE INSTALLATION OF BOTH BINDER
  AND TOP. ANY SETTLEMENT WILL NEED TO BE ADDRESSED AT AN ADDITIONAL COST.
- 8. DAMAGE TO UNMARKED/UNKOWN UTILITIES WILL BE REPAIRED ON A TIME AND MATERIALS BASIS.
- 9. BILLING SHALL BE DONE ON A MONTHLY BASIS BY PROGRESS. ALL PAYMENTS SHALL BE RECEIVED WITHIN SEVEN (7) DAYS OF THE INVOICE DATE.
- 10. ALL WORK COMPLETED AND PAID FOR WILL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF INSTALLATION.
- 11. PROPOSAL PRICE SHALL REMAIN IN EFFECT FOR A PERIOD OF SIXTY (60 DAYS) FROM THE DATE OF THIS PROPOSAL.
- 12. ASPHALT PAVING PRICE (WITH THE EXCEPTION OF CHANGES IN LIQUID ASPHALT) SHALL REMAIN IN EFFECT FOR A PERIOD OF ONE YEAR FROM THE DATE OF THIS PROPOSAL
- 13. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE INITIALED SET OF CONTRACT DRAWINGS, SPECIFICATIONS AND ALL APPLICABLE RULES AND REGULATIONS OF THE TOWN OF ATTLEBORO.
- 14. INSURANCE COVERAGE PER SLT CONSTRUCTION CORPORATION'S STANDARD COVERAGE WILL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION OF THE PROJECT.



IF YOU HAVE ANY QUESTIONS OR CONCERNS REGARDING THIS PROPOSAL, PLEASE DO NOT HESITATE TO CALL. MY OFFICE NUMBER IS 508-866-9061, EXT. 18, MY CELL PHONE NUMBER IS 508-491-6788 AND MY EMAIL IS ESIMON@SLTCONSTRUCTION.NET.

SINCERELY,

.C.A.

ERIC SIMON SENIOR ESTIMATOR





February 23, 2021

Kyle Howieson Hometown America Communities Regional Manager, Northern Regional Office 182 Division Street, Unit B, River WI 54022

RE: **100 Shanley Drive Drainage** Oakhill Community 1003 Oakhill Avenue Attleboro, MA 02703

Dear Mr. Howieson

At your request we are pleased to issue this letter in response to the completion of the drainage work within the Oakhill Community in the vicinity of 100 Shanley Drive.

Attached herewith are two photos provided by the contractor SLT which document the construction of the system in compliance with the Construction Plan titled Drainage Improvement Plan, last revised 1/5/21 prepared by Kelly Engineering Group, Inc. (KEG). The two photos included show the completion of the system with stone encasement and filter fabric.

KEG was not on site for the entire construction of the drainage system however did perform a site visit on 1/21/21 to inspect the bottom of the recharge system for soil conditions.

During that site the contractor had excavated to approximately elevation 140.5 which is the proposed bottom of the system. KEG found old top soil that was silty at this elevation. KEG then instructed them to dig approximately 6" deeper where a sandier material was found. A little deeper well drained sands and gravels were found.

KEG instructed SLT to remove the 6" of old top soil from elevation to 140-140.5 to remove the restrictive layer to help recharge better. KEG also requested they provide 4 spots within the system to provide plunge pools or wicks top better infiltrate down to the well drained sands and gravels. Photos were requested to document the system construction.

From the site inspection, photos provided and shop drawing submittal the drainage system appears to be constructed in substantial compliance with the construction plan.

If you have any questions or desire additional information please feel free to call the office at 781-843-4333.

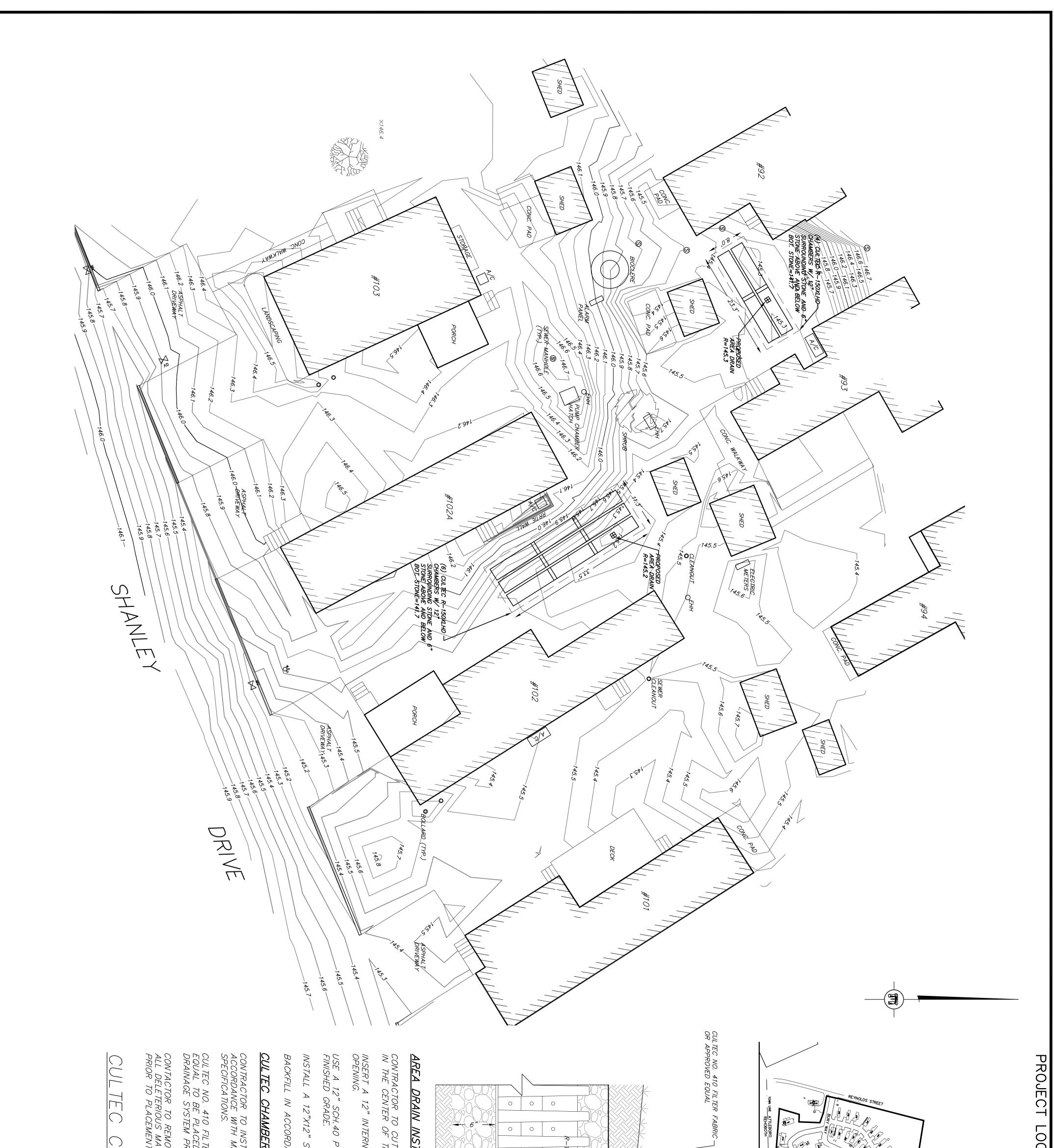
Sincerely,

KELLY ENGINEERING GROUP, INC.

Garrett Horsfall, Design Engineer 0 Campanelli Drive – Braintree – MA 02184 Phone 781 843 4333 www.kellyengineeringgroup.com







JOB NUMBER:192.001 SHEET 1 OF 1 10 5 0 10 20 SCALE: 1"=10'	
DATE: MAY 25, 2018	NOT TO SCALE
PREPARED FOR: HOMETOWN AMERICA 1003 OAK HILL AVENUE #66 ATTLEBORO, MA 02703	VE BED
PLAN TITLE: EXISTING CONDITIONS FOR UNITS 103 TO 101	FABRIC OR APH OVER THE TOP ( DR TO BACKFILL.
OAKHILL RESIDENTIAL COMMUNITY 1003 OAK HILL AVENUE ATTLEBORO, MA	<u><b>R INSTALLATION NOTES:</b></u> STALL CULTEC CHAMBERS IN MANUFACTURERS
PROJECT TITLE & LOCATION: PROPOSED GRADING PLAN FOR	SQUARE PLASTIC GRATE. DANCE WITH SPECIFICATIONS.
	PVC PIPE TO BRING AREA DRAIN TO
	ALLA TION NOTES 12"& HOLE AT TOP 5 UNIT.
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	12" INTERNAL COUPLING
GENERAL NOTES:	
1266 Furnace E Quincy 617-405-5100 www.decell	
Decelle-Burke-Sala	CUS MAP

allenmajor.com



### FIELD REPORT #7

Client:	Hometown Oak Hill	Report Date:	December 22, 2020		
Project:	Site Observation	A&M Project #:	1830-10		
Location:	92 & 93 Such Drive	Contractor:	n/a		
Weather:	Rain	Temperature:	40°		
Date of Site Visit:	December 14, 2020				
Time:	<i>From</i> : 9:45 am <i>To</i> : 10:15 am				
Present at Site:	Present at Site: Phil Cordeiro (A&M), Peter Conant (Hometown America)				
Reported By:	Phil Cordeiro				
Attachments:	Onsite photograph report				

A&M was requested to review the home sites at 92 & 93 Such Drive at the Oak Hill Community in Attleboro, MA. The purpose was to render a determination as to whether the use of a proposed infiltration field as shown on a plan entitled "Proposed Grading Plan for Oakhill residential community" dated May 25, 2018 as prepared by DeCelle-Burke-Sala engineers was appropriate and necessary for this location. The infiltration field was not installed as noted on the referenced plan.

#### Observations

A&M conducted a site walk at the date and time noted. There was active (light) rainfall during the visit. A&M did not obtain weather records to determine the extent and amount of precipitation that occurred prior to or subsequent to the visit.

A&M reviewed the lawn area present between 92 and 93 Such Drive. At the mid-point between the home sites is a high point in the topography. A sewer manhole is located at this high spot. A homeowner has placed a wooden decorative well box adjacent to the manhole. The land slopes away in all directions from the manhole/high point east/westerly toward the homes and north/south toward other lawn areas. Undulating and irregular topography exists along the sidelines of each home and yards that create micro-topographic dips and depressions. This is often observed around active home sites and areas that have recently been altered with construction. The area of interest was bordered by a modular shed building. A&M did not verify the foundation associated with the shed. Immediately behind the shed was a vacant concrete pad and an additional wooden shed. Components of the onsite septic treatment system were present.

The lawn area between the two homes was wet underfoot from the active rainfall but were not substantially saturated. No puddles were observed. The lawn had a high degree of grass growth with some bare spots present and remains green in color.

Civil Engineers • Environmental Consultants • Land Surveyors • Landscape Architects

The area adjacent to the westerly sideline of 93 Such Drive contained a garden area ringed with loosely placed masonry blocks. The garden area paralleled the entry to the home and front stairs. Various depressions were observed along the rock edging that contained ponding water from the active rainfall.

Four downspouts were observed along the side of the home. All three downspouts were equipped with a standard elbow that terminated above the existing grade. The southernmost downspout terminated directly above the homes concrete entry sidewalk and discharged water across the concrete. The remaining three downspouts drained onto the lawn area. At each downspout an erosion depression was present from the gutter discharge above the soil. The depression depth varied between 1-3 inches beneath the downspouts. Water was accumulating within the downspouts from the active rainfall. The grading along the home sloped north to south. It did not appear that water accumulation from the depressions was traveling along this path and likely flows beneath the home's fiberglass skirt panel enclosure. A&M did not remove any fiberglass panels or review the underside/crawlspace of the home. Staining from roof runoff was visible on the skirt panels enclosing the entry door to the home. This discharge collected within the garden bed area. Runoff staining was also visible from the concrete stairs and similarly drained into the garden bed. The skirt panels along the westerly side of the home were displaced in a number of areas. HVAC equipment was located within a jog around the home's perimeter. The equipment was situated on a concrete pad. Areas of decayed grass were observed around the pad as well as evidence of previous water ponding. The HVAC is located directly adjacent to a downspout discharge.

The area adjacent to the easterly sideline of 92 Such Drive was all lawn. The areas contained some areas of debris (trim boards) that appear to have been in place for a while due to vegetative growth over top. Other areas were used for storage by the homeowner for the use of bicycles, children's toys, and a wooden bench. A sewer manhole was observed on the easterly side of the rear of the home and a trampoline between the home and the shed. While the overall grade sloped north to south toward the shed area, depressions were observed outside the homes corners, the rear aluminum staircase and around the sewer manhole. These areas were beginning to collect water from the active rainfall. The area directly adjacent to the home slopes toward the structure where water is likely to flow beneath the home.

The home was not equipped with any observed downspouts. A shallow gutter drip edge was installed along the home with portions missing or covered by a rubber membrane from the roof. Rain was actively bypassing and overtopping the drip edge system and flowing uncontrolled to the ground. Staining was visible along the outside walls of the home where water routinely flows during rainfall. The water flowing uncontrolled to the ground created an erosion channel at the base of the home. Bottom sections of the wooden skirt panels have rotted away and no longer prevent water from entering below the home. A&M did not review the underside of the home or remove any skirt panels. At the southerly edge of the home, the skirt panels were of a different material and were not affixed to a bottom channel track. A vacant concrete pad was observed at the end of the home.

The overall topography slopes to a regional low point located directly in front of the shed.

#### Recommendations

The observations made note that water flows in multiple directions in this area both toward and away from the home dependent on exact location.

A large contributor to uncontrolled water is the free discharge of roof runoff that further exacerbates and erodes the native lawn areas.

In reviewing the proposed design plan, A&M infers that the Cultec chambers would provide an opportunity for water to collect at a native low point and allow accumulation and recharge below the surface. A&M agrees with this process in principle. However, the current onsite conditions would not adequately convey water to the low point and without further consideration, the addition of subsurface chambers would be costly and ineffective.

A&M observed no detrimental puddles or collection points in the yard area that lead to a conclusion of loss of use or adverse condition. The grass growth, while entering hibernation, appeared strong and healthy and would not be in the observation condition if exposed to repetitive oversaturation. It is possible however that the mismanagement of the home's roof stormwater gutter system has resulted in a redirection of water flow that would in fact create a puddle. Without proper remediation of the gutters, A&M cannot make this determination.

The addition of subsurface chambers can assist in the relocation of water to an unused area. At the discretion of the park, these chambers can be installed, but the upstream areas should be addressed at the same time. Low points in the topography should be eliminated and sloped with the land in a uniform manner toward the low area. The gutter systems should be adequately addressed to direct water toward the landform as it slopes away from any structure. Alternatively, the gutters can be directly piped into the subsurface field. This would eliminate the need for surface topography manipulation and relocate the primary source of water runoff in this area.

The record plan provide by Decelle-Burke-Sala does not quantify the rate of recharge of the stormwater or the effective groundwater elevations where the system is proposed. A&M did not make any determinations relative to the design parameters used as they were not stated on the plan. An effective method of determining soil adequacy is to conduct a shallow test pit and perform an infiltration test to determine the soils ability to absorb water.



























































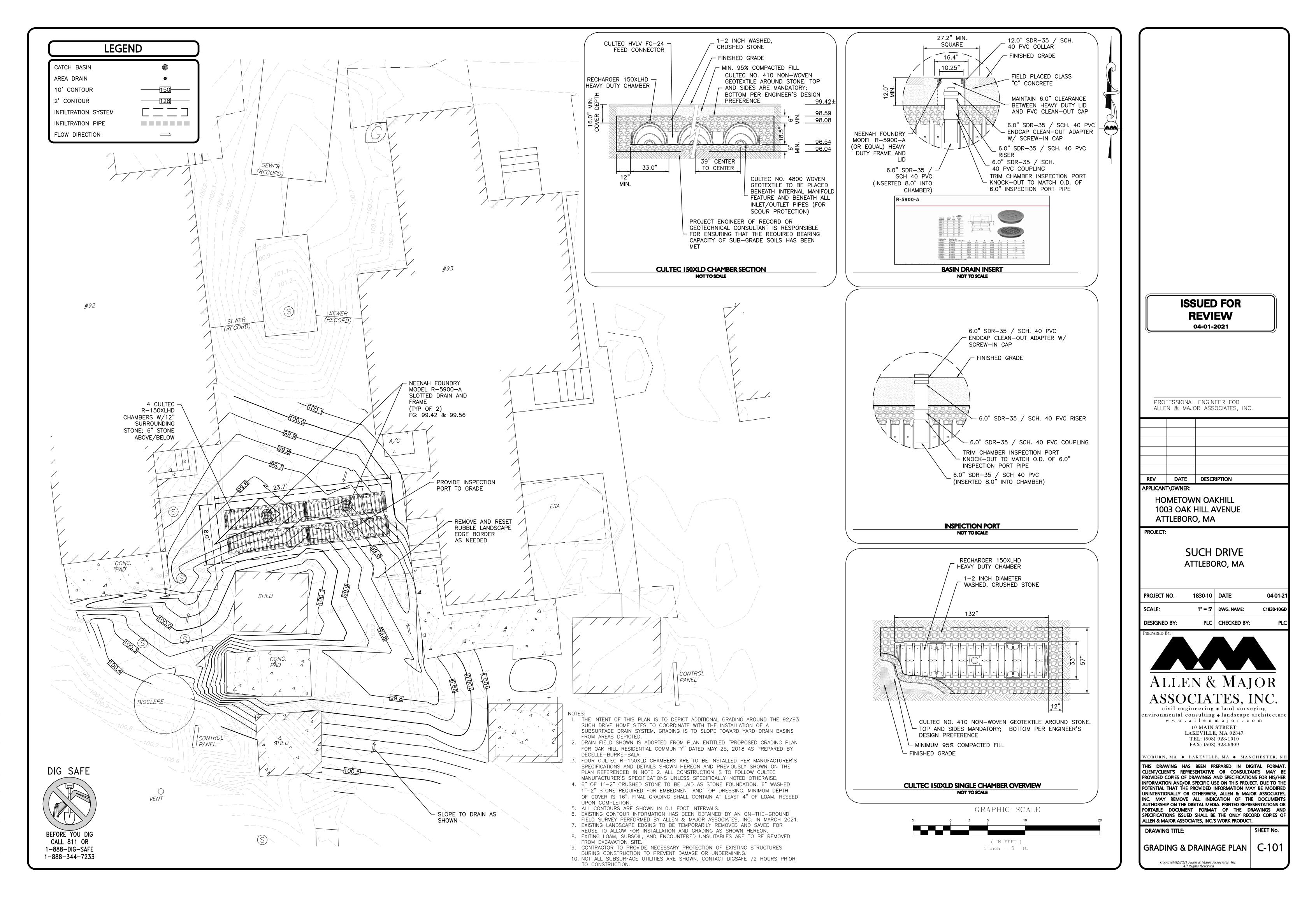












INVOICE NO.

### SLT CONSTRUCTION CORPORATION

### 3 Marion Drive Carver, MA 02330 (508) 866-9061

BILL TO Attn: Peter Conant 200 Oak Point Drive Middleboro, MA 02346

JOB Mise

Miscellaneous Jobs See Job Detail Below

CUSTOMER	PURCHASE ORDER NO.	JOB NO.	BILL THRU	TERMS	INVOICE DATE	PAGE
HOMETOWN				Net 30	5/26/21	1

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1003	AILL COMMUNITY OAKHILL AVENUE, UNI EBORO, MA 02703 1	T 66 COMPLETE THE DRAINAGE WORK PER THE ATACHED PROPOSAL DATED APRIL 24, 2021	18,500.00	18,500.00
			SALE AMOUNT	18,500.00
			TOTAL	\$18,500.00



3 Marion Dr Carver, Ma. 02330

April 24, 2021

HOMETOWN AMERICA C/O PETER CONANT 31 LEISUREWOODS DR. MIDDLEBORO, MA 02370

### PROJECT: HOMETOWN OAKHILL SUCH DRIVE ATTLEBORO, MA

DEAR PETER:

WE ARE PLEASED TO QUOTE THE SUM OF **\$18,500.00** FOR WORK TO BE COMPLETED ON THE ABOVE-NAMED PROJECT.

PLAN BY: PLAN DATED: DRAWING NUMBER: ALLEN & MAJOR ASSOCIATES APRIL 1, 2021 C-101

### PROPOSAL

#### **SCOPE OF WORK TO BE PERFORMED:**

PROVIDE A PRIVATE UNDERGROUND LOCATING SERVICE TO LOCATE ANY PRIVATE UNDERGROUND UTILITIES THAT DIG SAFE WILL NOT MARK OUT.

**PRICE:** \$1,800.00

PROVIDE THE NECESSARY EQUIPMENT AND LABOR TO STRIP AND REMOVE ALL TOPSOIL AND FILL FROM THE PROPOSED WORK AREA AS NECESSARY TO ACHIEVE THE PROPOSED GRADES AS SHOWN PER PLAN. ALL FILL AND TOPSOIL WILL BE DISPOSED OFF SITE. PRICE: \$3,800.00

PROVIDE THE NECESSARY EQUIPMENT, LABOR AND MATERIALS TO FURNISH AND INSTALL THE CULTEC CHAMBER DRAINAGE SYSTEM AS SHOWN PER PLAN, INCLUDING THE FRAMES AND COVERS AND INSPECTION PORTS.

#### **PRICE:** \$8,600.00

PROVIDE THE NECESSARY EQUIPMENT, LABOR AND MATERIALS TO FURNISH AND INSTALL A TOTAL THICKNESS OF 4" OF SCREENED LOAM OVER THE PROPOSED WORK AREA. RAKE AND HYDROSEED ALL DISTURBED LANDSCAPE AREAS.

**PRICE:** \$4,300.00

#### **EXCLUSIONS- PRICE DOES NOT INCLUDE**:

- A. ENGINEERING AND LAYOUT.
- B. LANDSCAPING OTHER THAN LOAM AND HYDROSEED.
- C. REPAIR OF ANY IRRIGATION
- D. REMOVAL, REPLACEMENT, HANDLING OR DISPOSAL OF HAZARDOUS WASTE, OR UNSUITABLE SOILS THAT ARE NOT ABLE TO BE USED BACK IN THE TRENCH FOR BACKFILL MATERIAL.
- E. REPLACEMENT OR REPAIR OF ANY UNKNOWN OR UNMARKED UTILITIES.
- F. ADDITIONAL MOBILIZATIONS OF EQUIPMENT. CONTRACT PRICE INCLUDES A TWO (2)-TIME MOBILIZATION FOR ALL EQUIPMENT NECESSARY TO COMPLETE OUR CONTRACT. ANY ADDITIONAL MOBILIZATIONS REQUIRED DUE TO THE SUSPENSION OR PHASING OF WORK BEYOND THE CONTROL OF SLT, WILL BE BILLED AT THE RATE OF \$500.00 FOR EACH PIECE OF EQUIPMENT TO BE RE-MOBILIZED.
- 16. ALL PAYMENTS SHALL BE RECEIVED WITHIN SEVEN (7) DAYS OF COMPLETION OF THE WORK.
- 17. ALL WORK COMPLETED AND PAID FOR WILL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF INSTALLATION.

- 18. INSURANCE COVERAGE PER SLT CONSTRUCTION CORPORATION'S STANDARD COVERAGE WILL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION OF THE PROJECT.
- 19. PRICING SHALL REMAIN IN EFFECT FOR A PERIOD OF SIXTY (60 DAYS) FROM THE DATE OF THIS PROPOSAL.

IF YOU HAVE ANY QUESTIONS OR CONCERNS REGARDING THIS PROPOSAL, PLEASE DO NOT HESITATE TO CALL.

SINCERELY,

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MICHAEL N. OPACHINSKI VICE PRESIDENT



