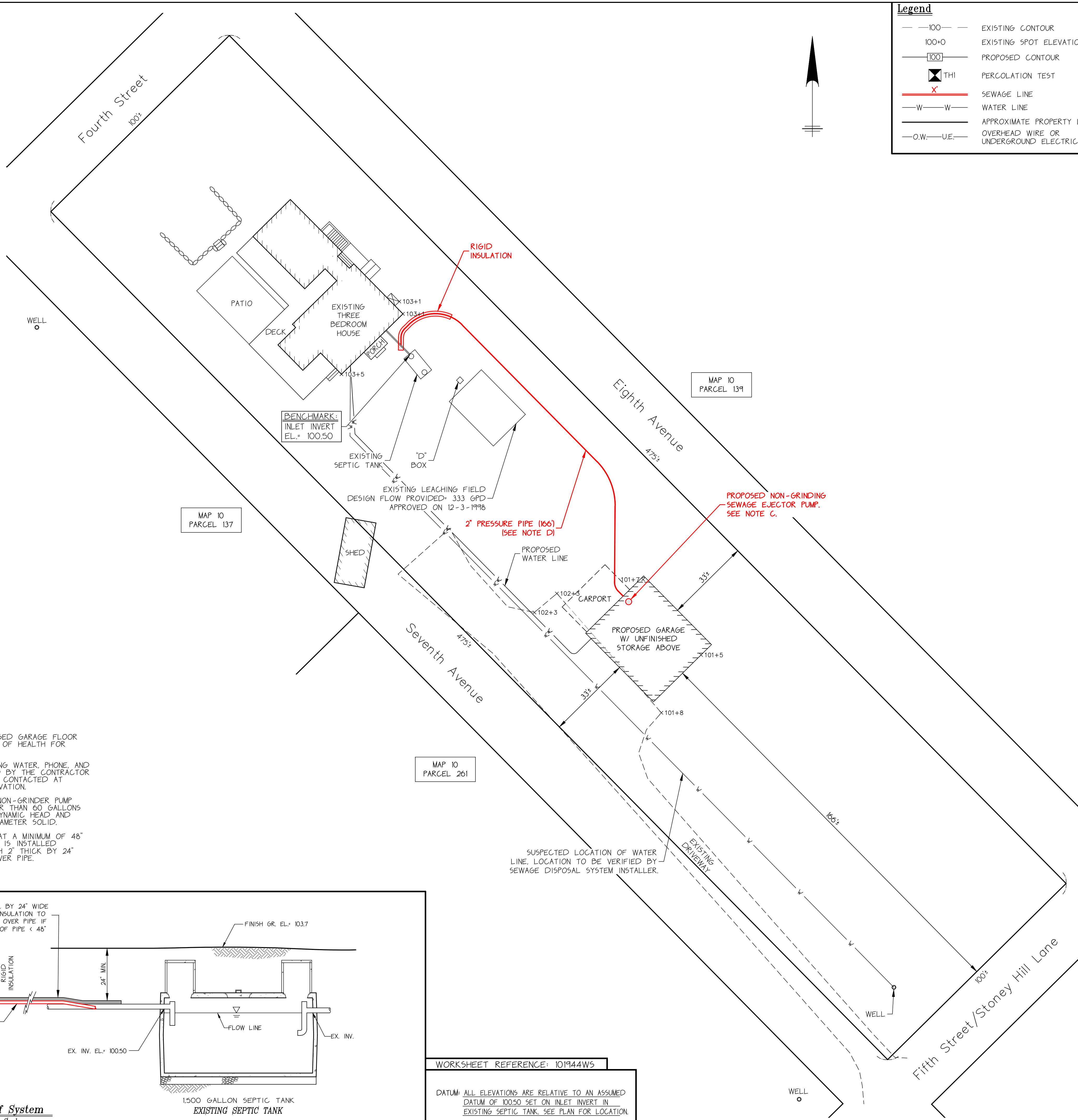


**Plan of Land**

SCALE: 1"=20'  
MAP NO.: 10  
PARCEL NO.: 138  
AREA: 47,500 SF.



**Legend**

- 100 — EXISTING CONTOUR
- 100+0 EXISTING SPOT ELEVATION
- 100 — PROPOSED CONTOUR
- THI PERCOLATION TEST
- X SEWAGE LINE
- W — WATER LINE
- — APPROXIMATE PROPERTY LINE
- O.W. — U.E. — OVERHEAD WIRE OR UNDERGROUND ELECTRIC

**Notes**

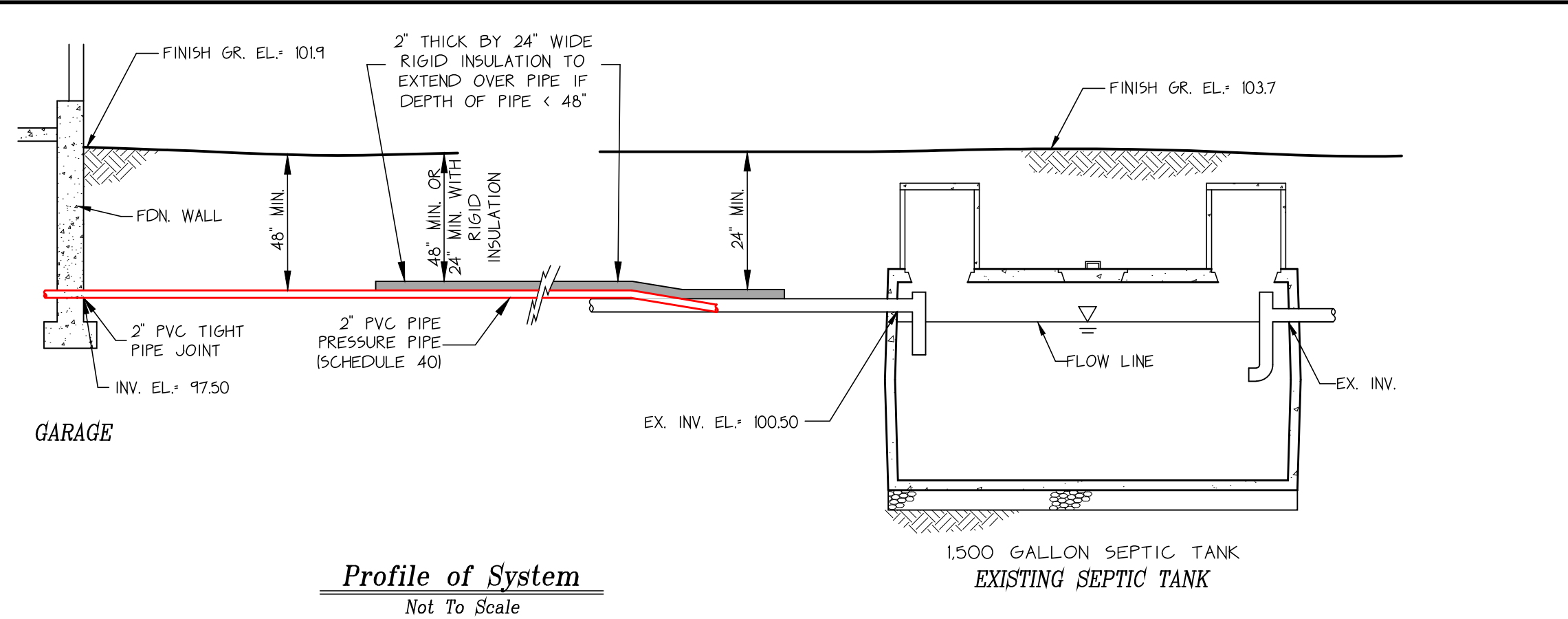
- GENERAL NOTES:**
- THIS PLAN IS TO BE USED ONLY FOR THE PERMITTING AND INSTALLATION OF A SEWAGE DISPOSAL SYSTEM. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.
  - NO CHANGES TO THIS PLAN ARE PERMITTED WITHOUT THE PRIOR WRITTEN APPROVAL OF SOURATI ENGINEERING GROUP, LLC.
  - INSTALLATION SHALL BE IN STRICT CONFORMITY WITH TITLE 5 OF THE MASSACHUSETTS STATE SANITARY CODE AND THE RULES & REGULATIONS OF THE TOWN OF WEST TISBURY BOARD OF HEALTH.
  - MACHINERY THAT MAY DISTURB PIPE ALIGNMENT IN THE DISPOSAL SYSTEM SHALL NOT BE USED ON THE DISPOSAL AREA.
  - NO EXISTING WELLS WERE FOUND WITHIN 50' FROM THE PROPOSED SOIL ABSORPTION SYSTEM OR WITHIN 50' FROM THE SEPTIC TANK.
  - FINISHED SURFACE OF LEACHING AREA SHALL BE GRADED TO INSURE RUNOFF 1% MINIMUM SLOPE.
  - THE SEPTIC TANK AND THE DISTRIBUTION BOX SHALL BE EITHER:
    - A- WATER TIGHT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND WARRANTY, OR
    - B- MADE WATER TIGHT BY THE MANUFACTURER, EQUIPMENT SUPPLIER OR INSTALLER, USING ASPHALT OR SYNTHETIC POLYMER SEALER SPECIFIED BY THE CONCRETE OR SYNTHETIC MATERIAL MANUFACTURER.
  - SEPTIC TANKS AND DISTRIBUTION BOXES SHALL BE LEVEL AND TRUE TO GRADE ON A LEVEL STABLE BASE THAT HAS BEEN MECHANICALLY COMPACTED AND ONTO WHICH 6" INCHES OF CRUSHED STONE HAVE BEEN PLACED TO MINIMIZE UNEVEN SETTLING.
  - ALL SYSTEM COMPONENTS SHALL BE CONSTRUCTED OF CORROSION RESISTANT MATERIALS.
  - ALL PIPING SHALL BE A MINIMUM OF SCHEDULE 40 PVC UNLESS OTHERWISE NOTED.
  - DISTRIBUTION BOX OUTLET LINES SHALL BE LEVEL FOR A MINIMUM OF THE FIRST TWO FEET OF THEIR LENGTH.

**CONSTRUCTION IN FILL:**

- FILL MATERIAL FOR SYSTEMS CONSTRUCTED IN FILL SHALL CONSIST OF SELECT ON-SITE OR IMPORTED SOIL MATERIAL. THE FILL BE COMPRISED OF CLEAN GRANULAR SAND, FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES. MIXTURES AND LAYERS OF DIFFERENT CLASSES OF SOIL SHALL NOT BE USED. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN TWO INCHES. A SIEVE ANALYSIS USING A #4 SIEVE SHALL BE PERFORMED ON A REPRESENTATIVE SAMPLE OF THE FILL UP TO 45% BY WEIGHT OF THE FILL SAMPLE MAY BE RETAINED ON THE #4 SIEVE. SIEVE ANALYSIS ALSO SHALL BE PERFORMED ON THE FRACTION OF THE FILL SAMPLE PASSING THE #4 SIEVE. SUCH ANALYSES MUST DEMONSTRATE THAT THE MATERIAL MEETS EACH OF THE FOLLOWING SPECIFICATIONS:

| SIEVE SIZE | EFFECTIVE PARTICLE SIZE | % THAT MUST PASS SIEVE |
|------------|-------------------------|------------------------|
| #4         | 4.75 MM                 | 100 %                  |
| #50        | 0.30 MM                 | 10 % - 100%            |
| #100       | 0.15 MM                 | 0 % - 20%              |
| #200       | 0.075 MM                | 0 % - 5%               |

- NOTES:**
- THE OWNER SHALL SUBMIT THE PROPOSED GARAGE FLOOR PLANS TO THE WEST TISBURY BOARD OF HEALTH FOR THEIR APPROVAL.
  - ALL UNDERGROUND UTILITIES, INCLUDING WATER, PHONE AND ELECTRICAL LINES, MUST BE LOCATED BY THE CONTRACTOR AND DIG SAFE SYSTEM, INC. MUST BE CONTACTED AT 1-888-344-7233 PRIOR TO ANY EXCAVATION.
  - SEWAGE EJECTOR PUMP SHALL BE A NON-GRINDER PUMP WITH A DISCHARGE FLOW RATE FEWER THAN 60 GALLONS PER MINUTE AT THE DESIGN TOTAL DYNAMIC HEAD AND CAPABLE OF PASSING A TWO INCH DIAMETER SOLID.
  - PRESSURE PIPE SHALL BE INSTALLED AT A MINIMUM OF 48" BELOW GRADE UNLESS PRESSURE PIPE IS INSTALLED BETWEEN 48"-24" BELOW GRADE WITH 2" THICK BY 24" WIDE RIGID INSULATION INSTALLED OVER PIPE.



WORKSHEET REFERENCE: 101944WS

DATUM: ALL ELEVATIONS ARE RELATIVE TO AN ASSUMED DATUM OF 100.50 SET ON INLET INVERT IN EXISTING SEPTIC TANK. SEE PLAN FOR LOCATION.

**Sewer Tie-in Plan**  
In The Town Of  
**West Tisbury**

Site:  
1/2 Bath in Proposed Garage  
Map 10, Parcel 138  
32 Stoney Hill Lane

Owner:  
David Sprague  
32 Stoney Hill Lane  
Vineyard Haven, MA 02568

|                                       |                        |
|---------------------------------------|------------------------|
| Scale: As Shown                       | Date: October 23, 2023 |
| Job No.: 101944                       | Drawn By: H. Chen      |
| Drawing No.: 101944 Sewer Tie-in Plan | Designed By: H. Chen   |
| Sheet 1 of 1                          | Checked By: G. Sourati |

Professional Land Surveyors

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 Fax: (508) 693-4933