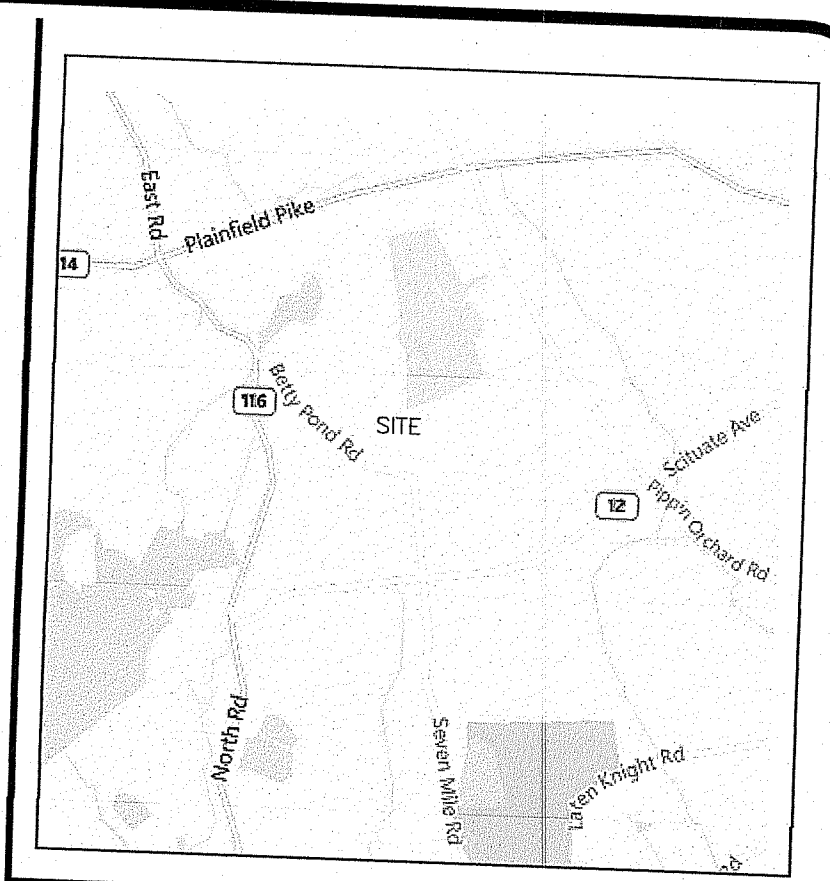


**DWTS NOTES:**

1. ALL DESIGN, CONSTRUCTION, AND MAINTENANCE REQUIREMENTS, WHETHER NOTED HEREDON OR NOT, SHALL BE IN CONFORMANCE WITH RULES AND REGULATIONS ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ON-SITE WASTEWATER TREATMENT SYSTEMS, JANUARY 1, 2008 AND ALL AMENDMENTS, BY THE RHODE ISLAND DEPT. OF ENVIRONMENTAL MANAGEMENT.
2. STRIP LEACHING AREA OUT TO 5 FEET AROUND ENTIRE PERIMETER AND EXCAVATE DOWN TO ELEVATION 103.0, REMOVING ALL TREES, BRUSH, TOPSOIL, SUBSOIL, UNDESIRABLE MATERIAL AND SOIL CONTAINING FINES, REPLACE WITH GRAVEL IF REQUIRED AS SPECIFIED IN RIDEM REGULATIONS.
3. INSTALLER MUST ASSURE THAT BOTTOM AND SIDES OF EXCAVATION FOR THE LEACHFIELD ARE NOT COMPACTED OR SMEARED.
4. ALL TREES, STUMPS, AND BRUSH SHALL BE REMOVED WITHIN 10 FEET OF THE SYSTEM.
5. MAINTAIN INVERT ELEVATION OF 108.12 FOR 10 FEET AROUND SYSTEM.
6. THERE ARE NO KNOWN PRIVATE WELLS OR DRAINS EXIST, OR PROPOSED LOCATED WITHIN 200 FEET OF THE DWTS EXCEPT AS SHOWN AND NO KNOWN PUBLIC WELLS (EXIST. & PROP.) LOCATED WITHIN 500 FEET OF THE PROPOSED DWTS.
7. THERE ARE NO KNOWN SUBSURFACE DRAINS, EXISTING OR PROPOSED, WITHIN 50 FEET OF THE PROPOSED DWTS.
8. ALL PVC PIPE SHALL BE 4" DIA. SDR 35 OR EQUIVALENT, UNLESS NOTED OTHERWISE.
9. THE DISTRIBUTION BOX SHALL HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET.
10. NO VEHICULAR TRAFFIC IS ALLOWED OVER THE LEACHFIELD.
11. THE SITE IS LOCATED IN THE SCITUATE RESERVOIR WATERSHED



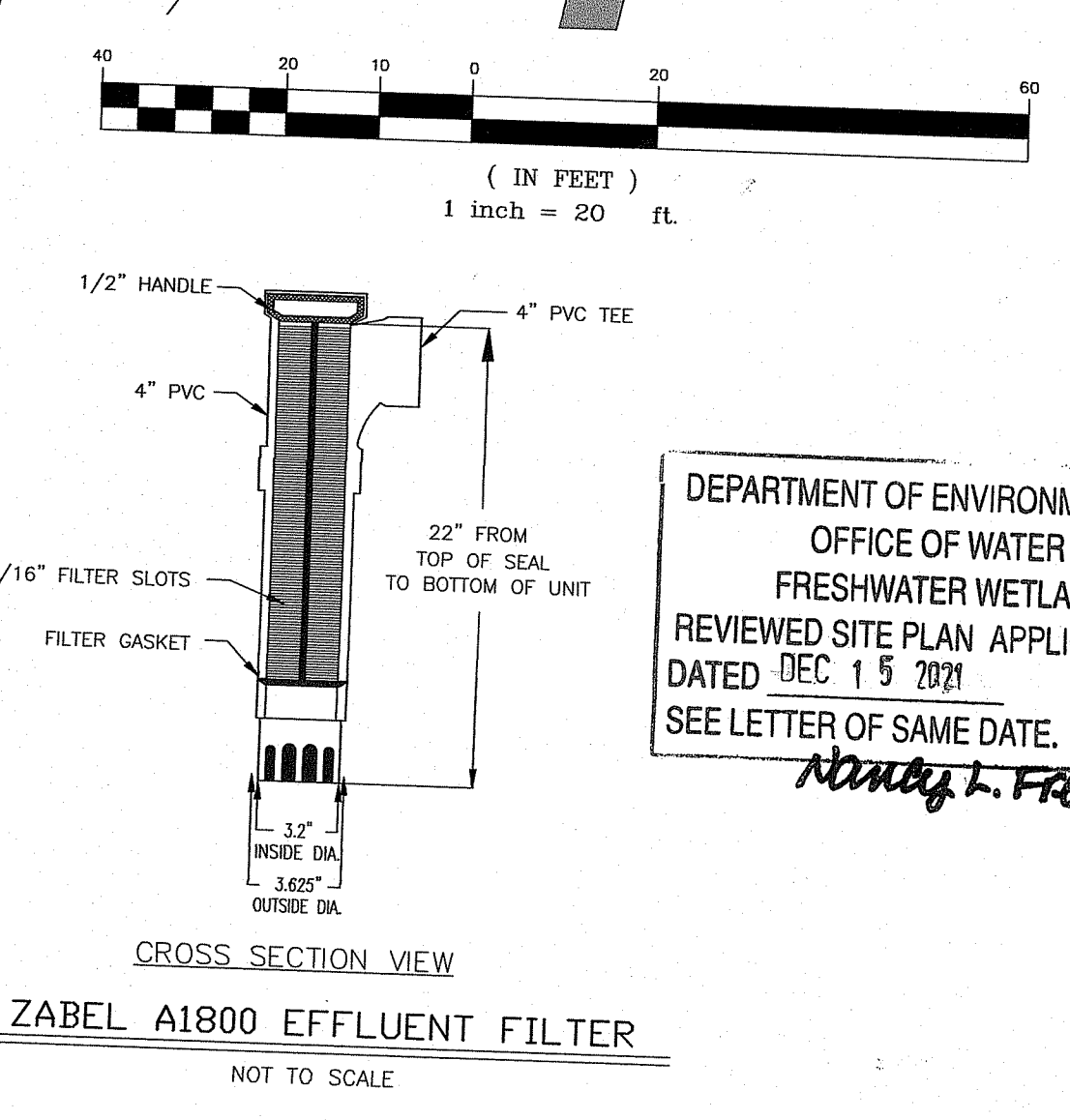
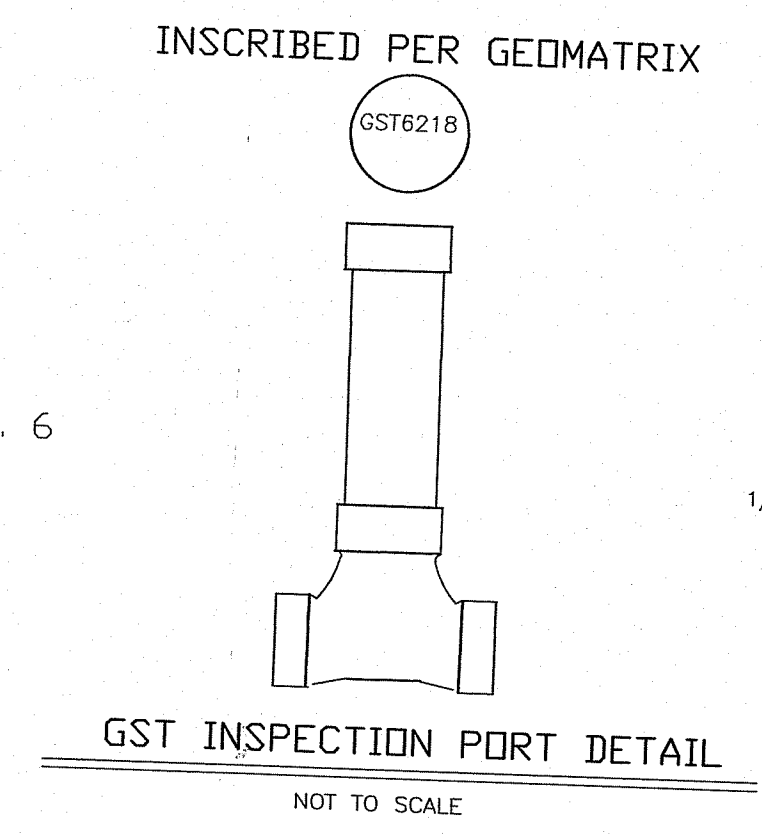
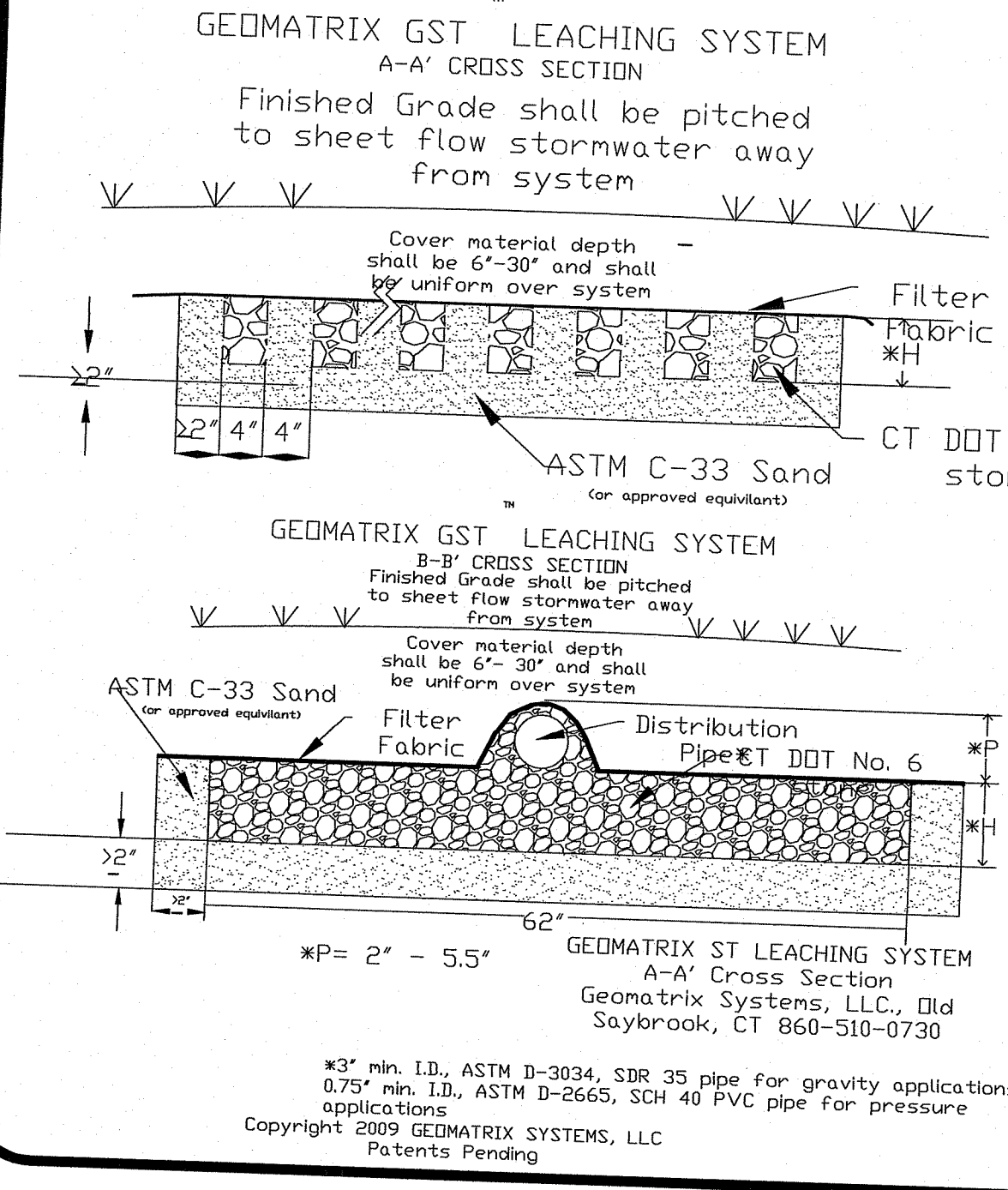
LOCUS MAP NOT TO SCALE

**DESIGN CALCULATION**

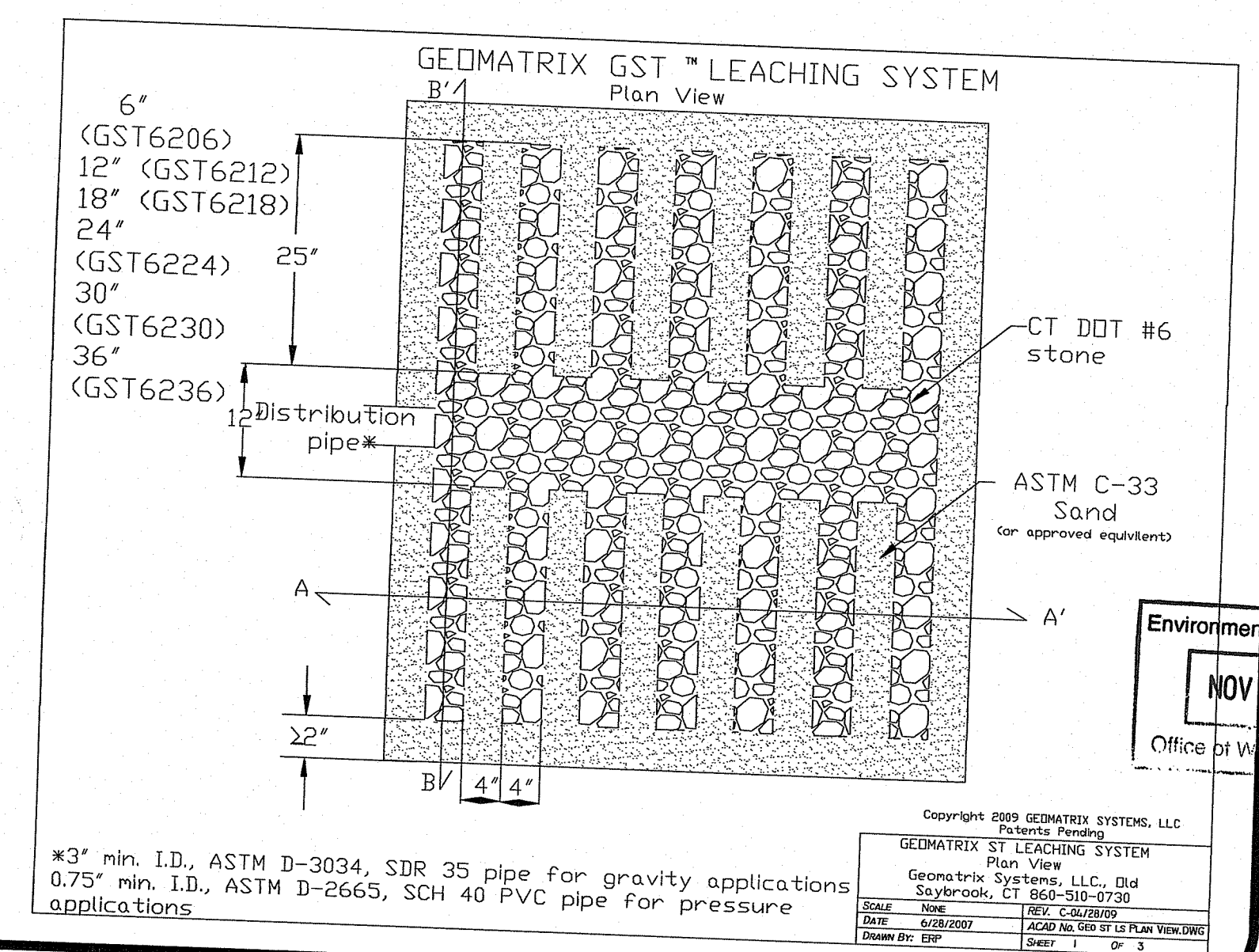
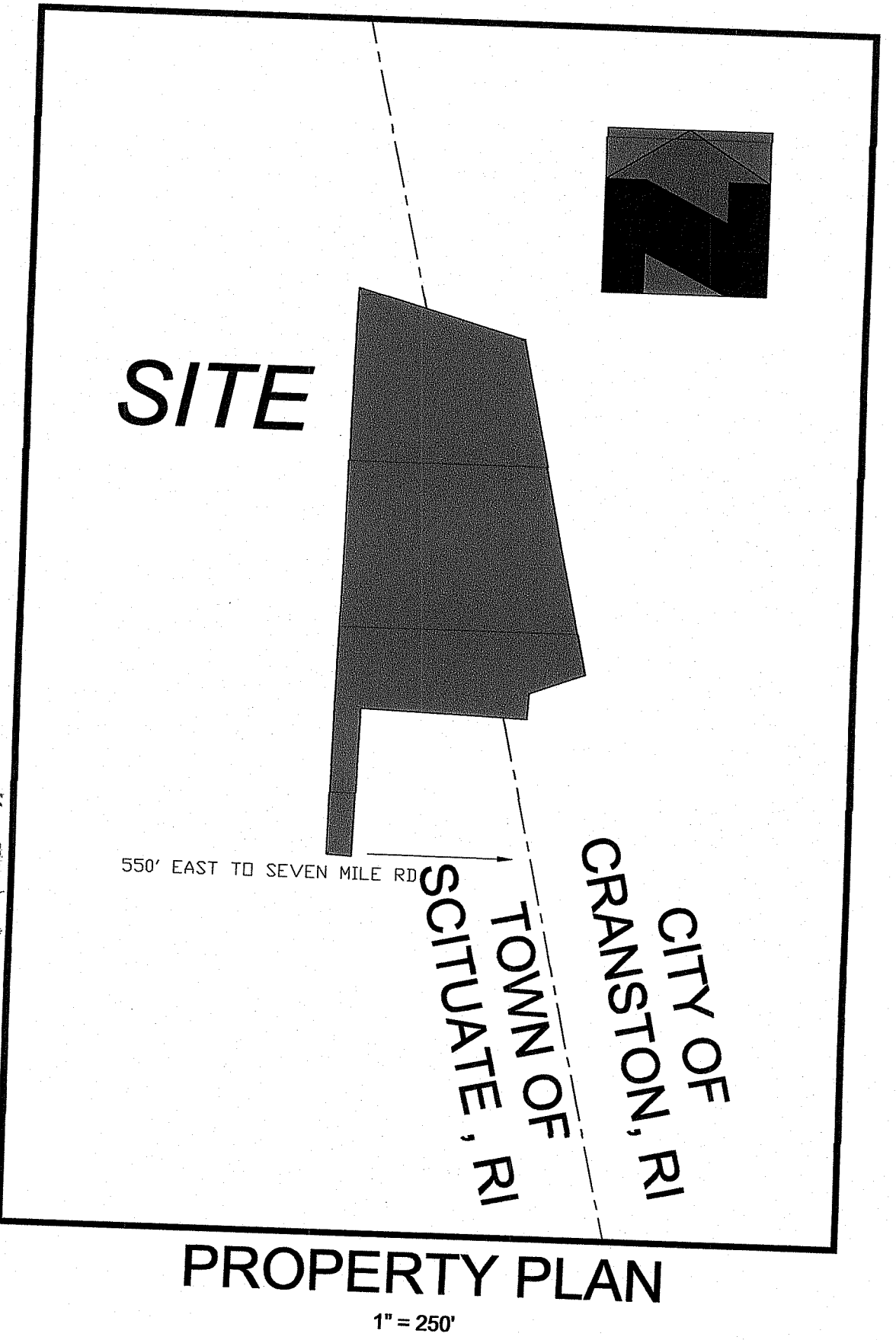
- 5 BEDROOMS X 115 GALLONS PER BEDR./DAY = 575 GALLONS PER DAY
- USE LOADING RATE = 0.70 GAL./S.F./DAY
- 575 GPD / 0.70 GAL./S.F./DAY = 822 S.F. LEACHING AREA REQUIRED
- 822 USE GST 6206 / 10.3 S.F. PER LINIER FT = 80 LF 824 SF
- 3" STONE VOLUME = 10 CY
- C-33 SAND VOLUME = 13 CY

**LEGEND**

- 270 EX. CONTOUR
- Zone SETBACK
- ABUTTER PROPERTY LINE
- OWNER PROPERTY LINE
- PROPOSED CONTOUR
- WET SEASON EVALUATION PERCOLATION TEST
- LEDGE PROBES
- WETLAND FLAG



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO. 21-0308  
DATED DEC 15 2021  
SEE LETTER OF SAME DATE.  
*Nancy L. Freeman*



**OWTS SITE PLAN & DETAILS**  
**OWTS DESIGN**  
A.P. 9 LOT 183  
BETTY POND ROAD SCITUATE, RI

PREPARED FOR:  
ANGELO GIARRUSSO  
18 CENTRAL STREET NARRAGANSETT, RI 02882

**ADVANCED CIVIL DESIGN, INC.**  
CIVIL ENGINEERS

88 PEEPTOAD ROAD  
SCITUATE, RI 02857

NOV 30 2021  
Office of Water Resources

Copyright 2009 GEOMATRIX SYSTEMS, LLC  
GEOMATRIX ST LEACHING SYSTEM  
Plan View  
Geomatrix Systems, LLC, Old Saybrook, CT 860-510-0730  
Scale: 1" = 10'-0" (Horizontal)  
Date: 10/28/2021  
Drawn by: JAC  
Sheet: 1 of 3

NICHOLAS J. PIAMPANO  
No. 6512  
REGISTERED PROFESSIONAL ENGINEER (CIVIL)  
D 3059

NO.	DATE	DESCRIPTION

DATE: JULY 8, 2021  
SCALE: AS NOTED  
DESIGN/CHECK BY: C.S.R.  
SHEET NO. 1 OF 1

P1: (401) 644-8656  
P2: (401) 473-4404

**FLOOD NOTE:**  
THIS SITE LIES IN ZONE X AREA OUTSIDE THE 0.2% CHANCE FLOOD PLAIN AS SHOWN ON THE FIRM MAP FOR THE TOWN OF GLoucester, RI COMMUNITY PANEL NO.44007C0295G, MAP REVISED MARCH 2, 2009.