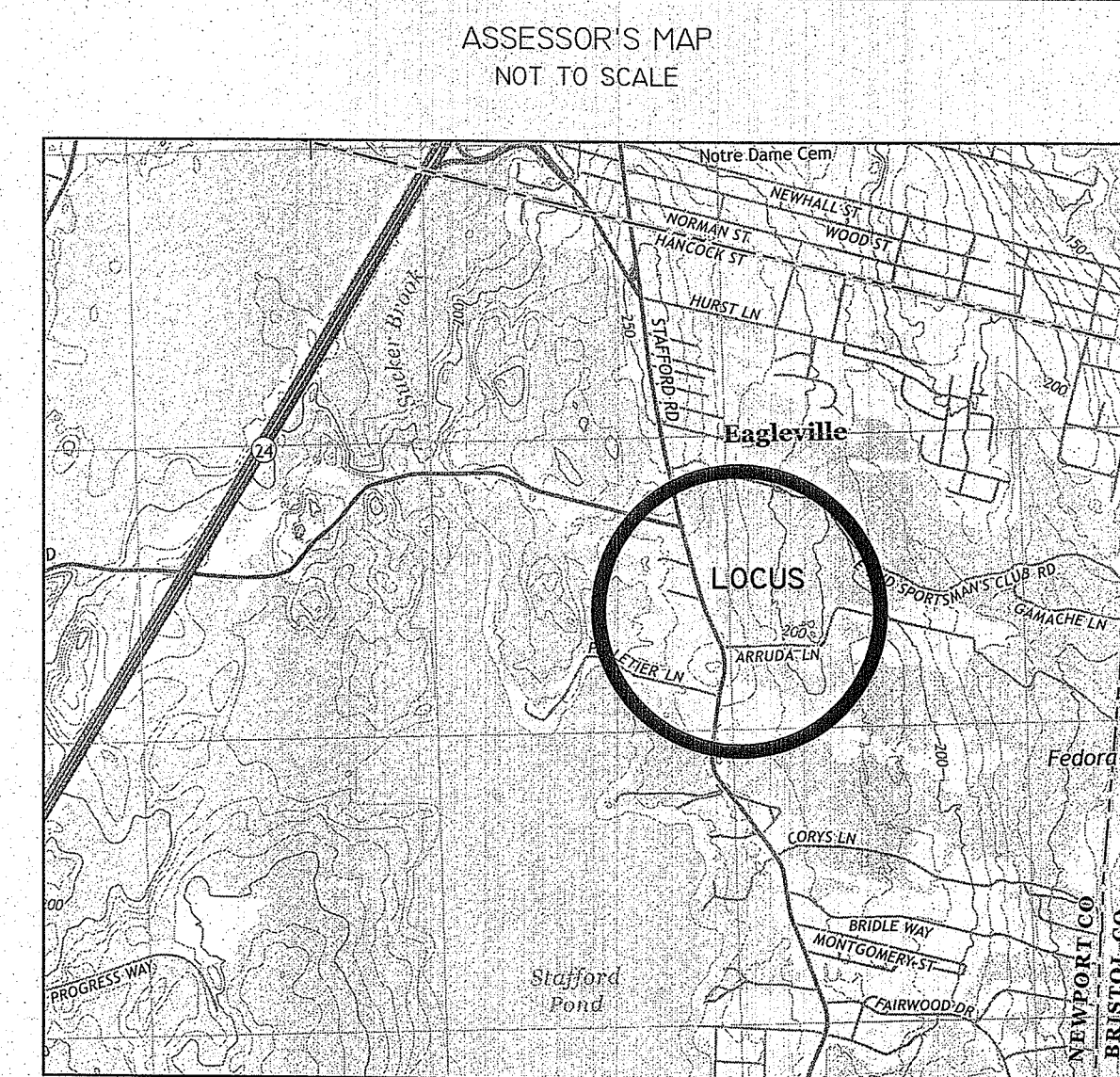
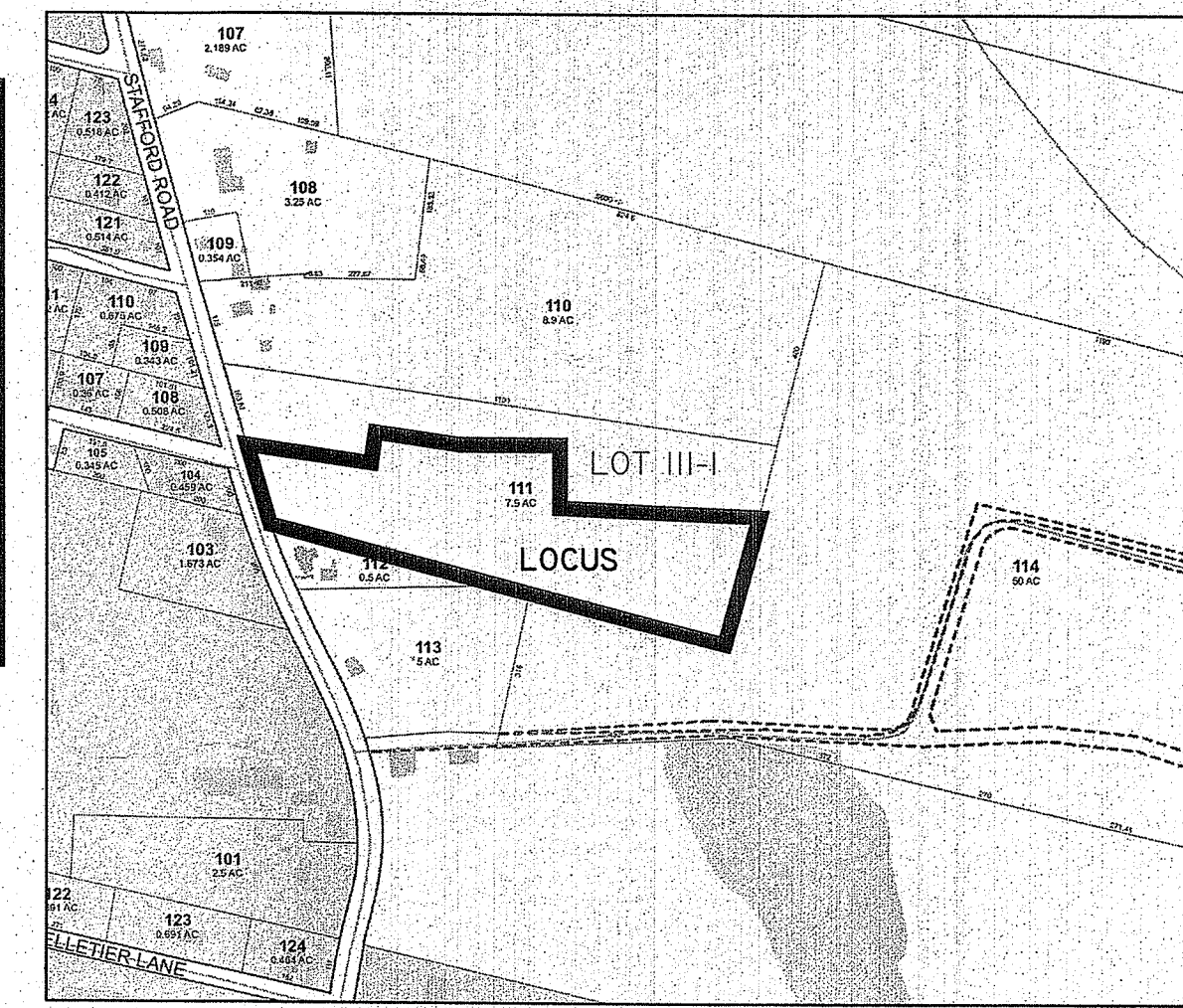
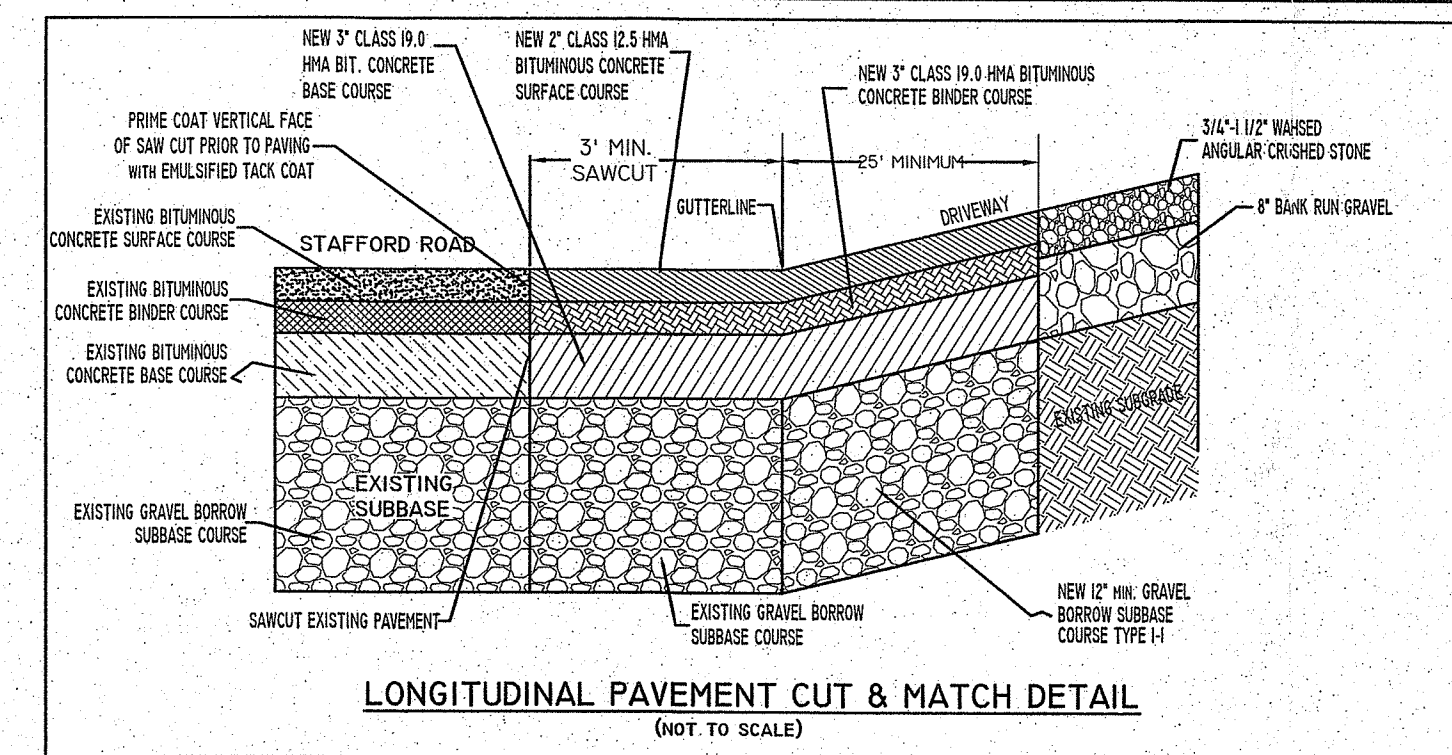
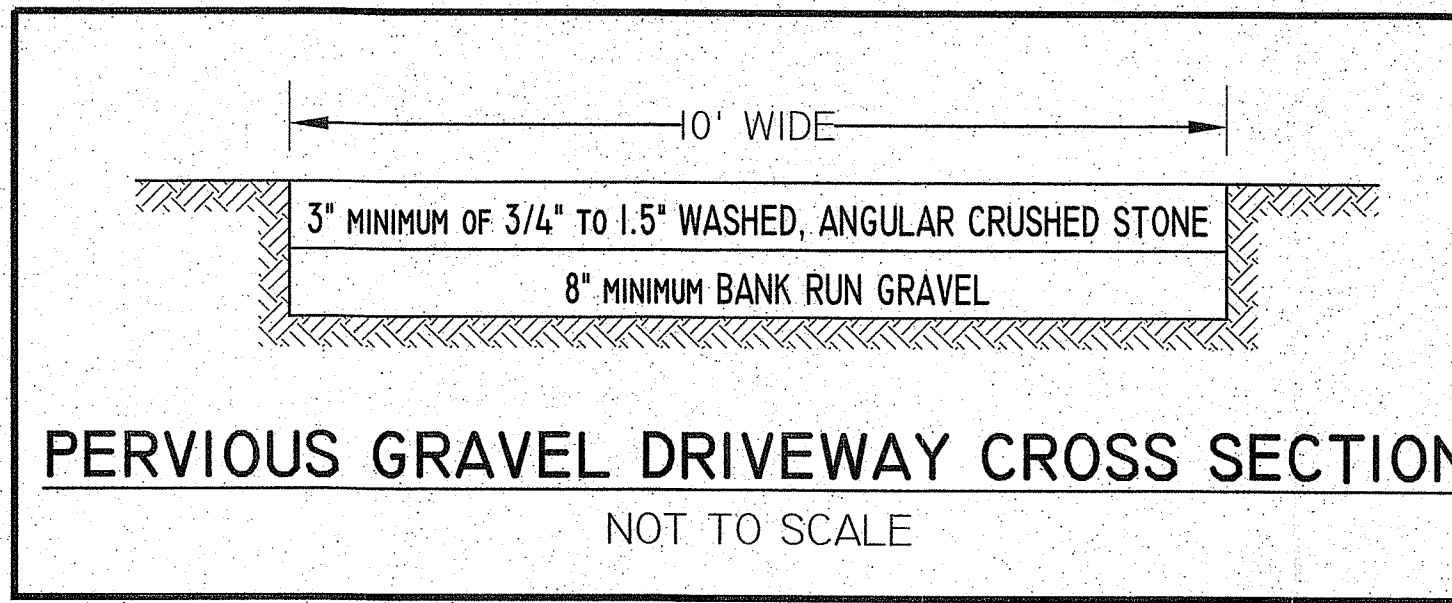


**NOTES:**

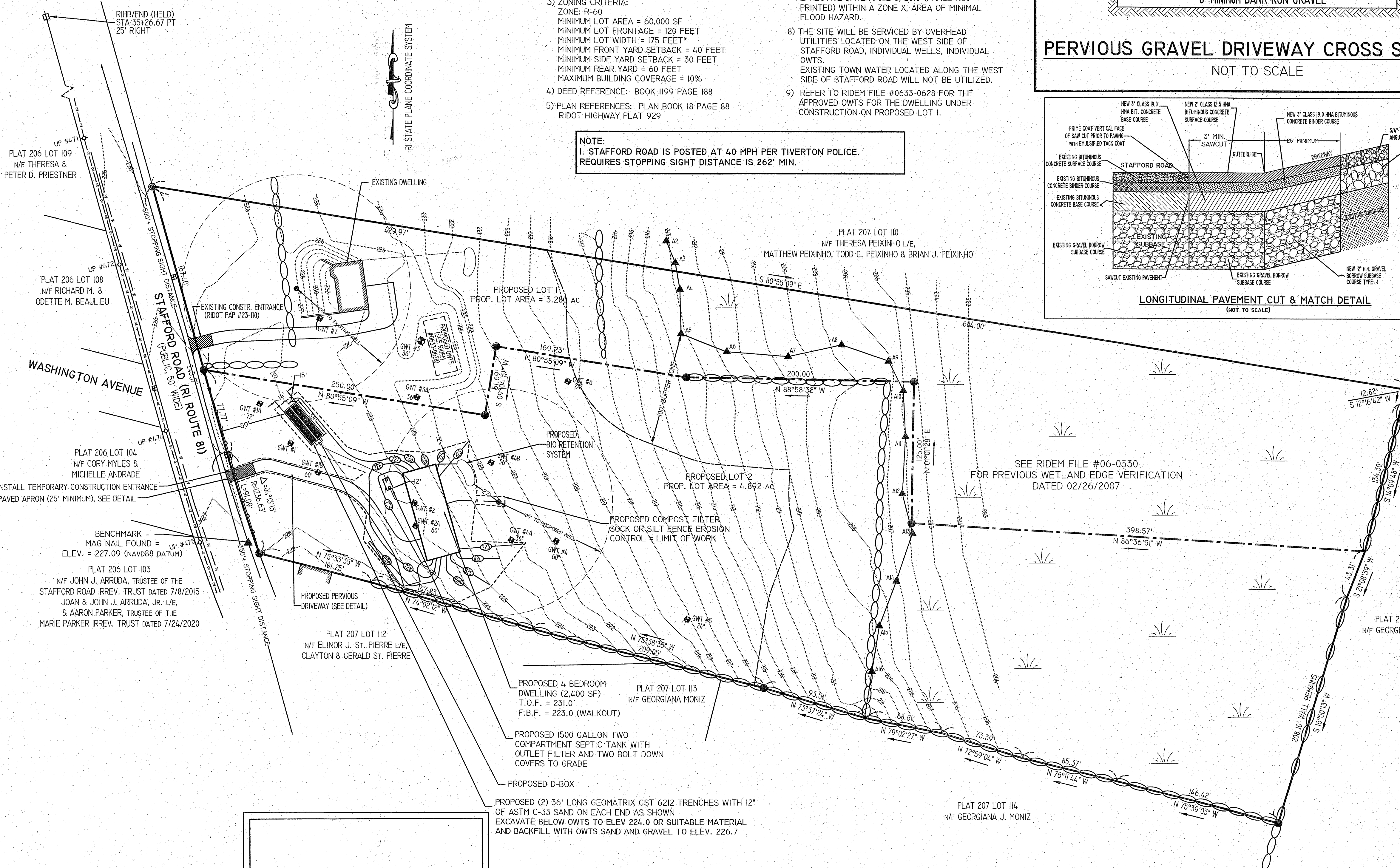
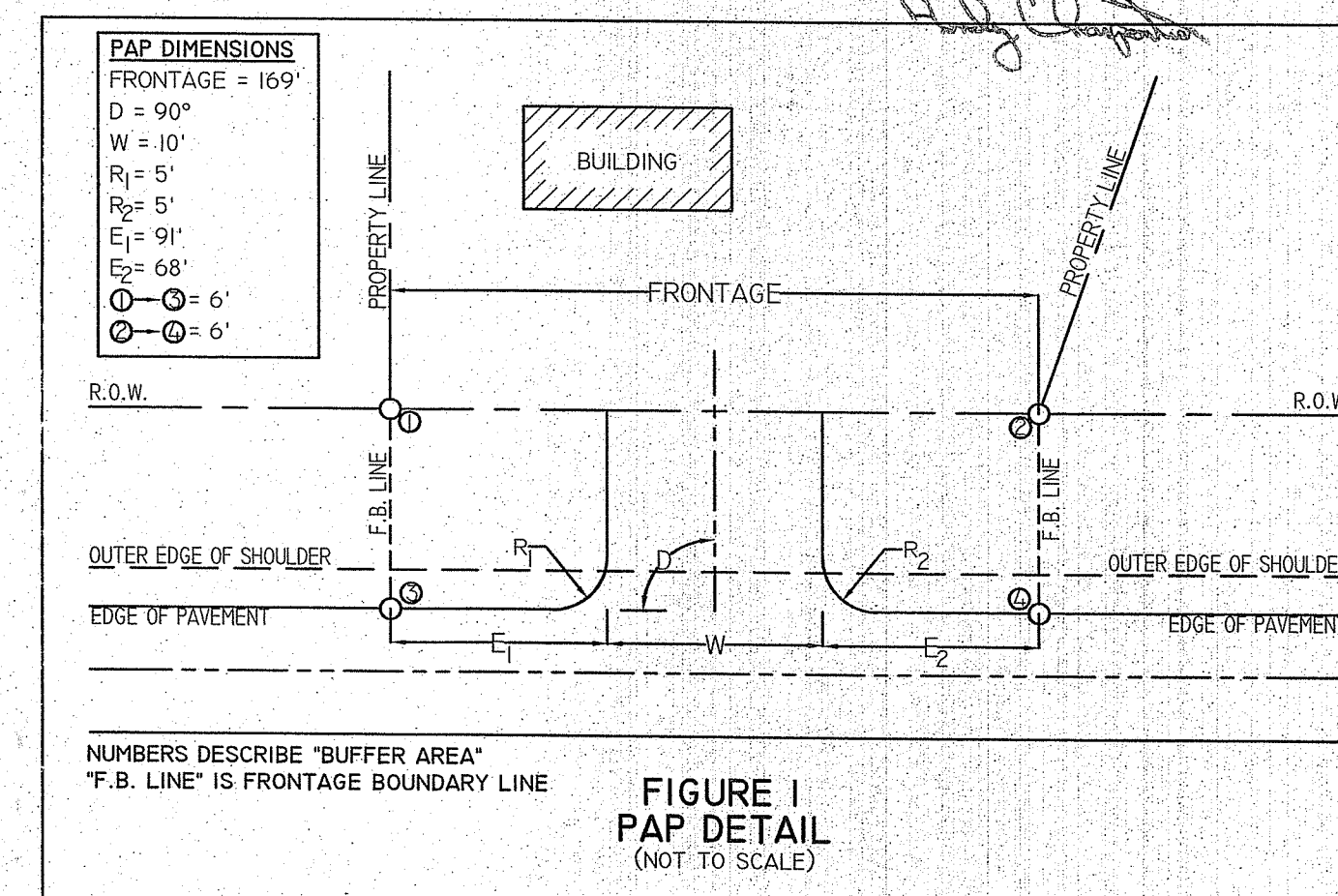
- 1) OWNER/APPLICANT: SYLVESTER G. DASILVA  
32 BAY STREET  
PORTSMOUTH, RI 02871
- 2) ASSESSOR'S REFERENCE: PLAT 207 LOT III
- 3) ZONING CRITERIA:  
ZONE: R-60  
MINIMUM LOT AREA = 60,000 SF  
MINIMUM LOT FRONTAGE = 120 FEET  
MINIMUM FRONT YARD SETBACK = 175 FEET\*  
MINIMUM FRONT YARD SETBACK = 40 FEET  
MINIMUM SIDE YARD SETBACK = 30 FEET  
MINIMUM REAR YARD = 60 FEET  
MAXIMUM BUILDING COVERAGE = 10%
- 4) DEED REFERENCE: BOOK 1199 PAGE 188
- 5) PLAN REFERENCES: PLAN BOOK 18 PAGE 88  
RIDOT HIGHWAY PLAT 929
- 6) THE SITE IS NOT LOCATED IN A WATERSHED OVERLAY PROTECTION DISTRICT.
- 7) THE SITE IS DEPICTED ON FEMA FLOOD INSURANCE RATE MAP (FIRM) 44005C0044H EFFECTIVE DATE APRIL 5, 2010 (PANEL NOT PRINTED) WITHIN A ZONE X, AREA OF MINIMAL FLOOD HAZARD.
- 8) THE SITE WILL BE SERVICED BY OVERHEAD UTILITIES LOCATED ON THE WEST SIDE OF STAFFORD ROAD, INDIVIDUAL WELLS, INDIVIDUAL OWTS.  
EXISTING TOWN WATER LOCATED ALONG THE WEST SIDE OF STAFFORD ROAD WILL NOT BE UTILIZED.
- 9) REFER TO RIDEM FILE #0633-0628 FOR THE APPROVED OWTS FOR THE DWELLING UNDER CONSTRUCTION ON PROPOSED LOT 1.

**NOTE:**

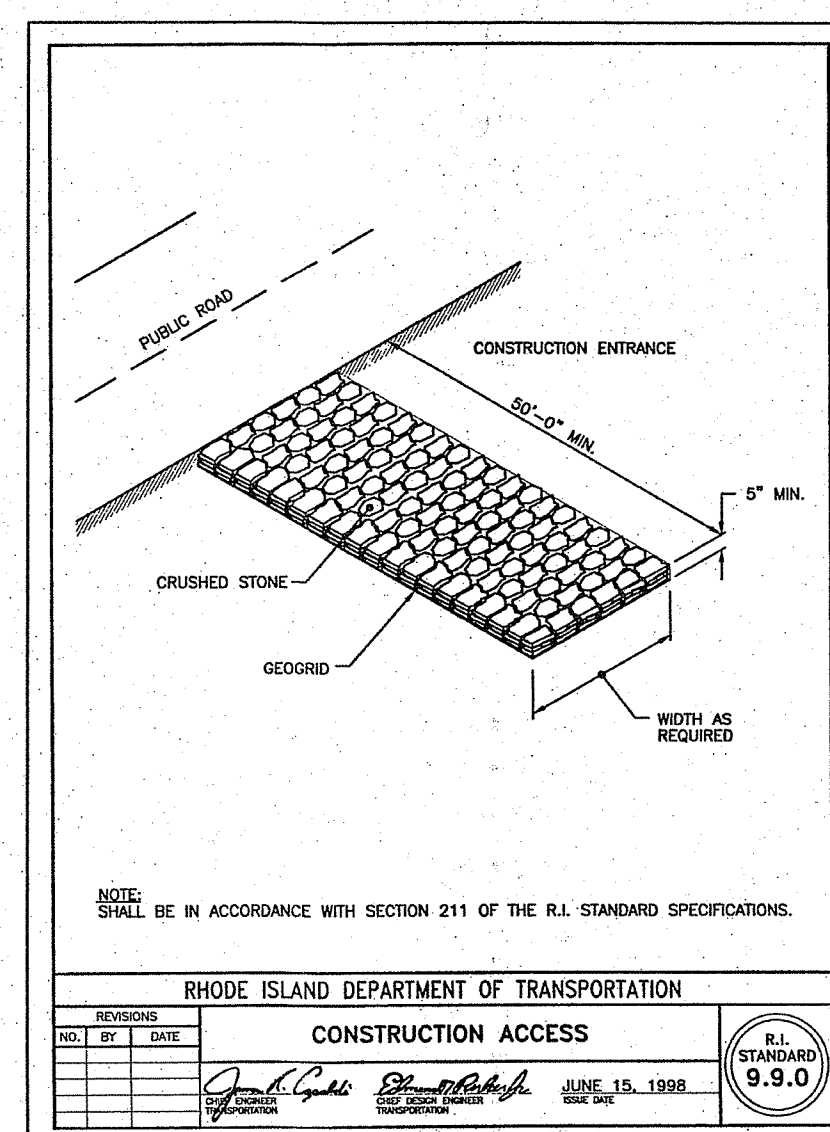
1. STAFFORD ROAD IS POSTED AT 40 MPH PER TIVERTON POLICE. REQUIRES STOPPING SIGHT DISTANCE IS 262' MIN.



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: **JAN 10 2025** FILE #: **24-025**  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



- LEGEND**
- STONE WALL
  - EXISTING FENCE
  - APPROXIMATE WETLAND EDGE
  - BUILDING SETBACK LINE
  - WELL (AS NOTED)
  - EXISTING PROPERTY LINE
  - PROPOSED PROPERTY LINE
  - EXISTING CONTOUR
  - UTILITY POLE
  - OVERHEAD WIRES
  - APPROXIMATE WATER LINE
  - PROPOSED CONTOUR
  - PROPOSED COMPOST FILTER SOCK = LIMITS OF DISTURBANCE
  - APPROXIMATE EDGE OF VEGETATION
  - 100' RIDEM WETLAND BUFFER
  - MONUMENT TO BE SET



- NOTES:**
1. ALL WORK TO BE DONE WITHIN THE STATE HIGHWAY RIGHT OF WAY (ROW) SHALL CONFORM TO THE RHODE ISLAND STANDARD SPECIFICATIONS FOR THE ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION (AMENDED MARCH 2018) WITH ALL REVISIONS AND ADDENDA. STANDARD DETAILS FOR THIS WORK ARE RHODE ISLAND STANDARD DETAILS 1998 EDITION (AMENDED JUNE 2019) WITH ALL REVISIONS.
  2. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION, INCLUDING ALL REVISIONS.
  3. ALL UTILITY WORK REQUIRED WITHIN THE STATE HIGHWAY ROW SHALL BE APPLIED FOR UNDER A SEPARATE UTILITY PERMIT APPLICATION.

REFER TO RIDEM FILE #0633-0628 FOR APPROVED OWTS PLAN FOR PROPOSED LOT 1  
OWTS APPROVAL FOR LOT 2 IS PENDING

**CERTIFICATION**

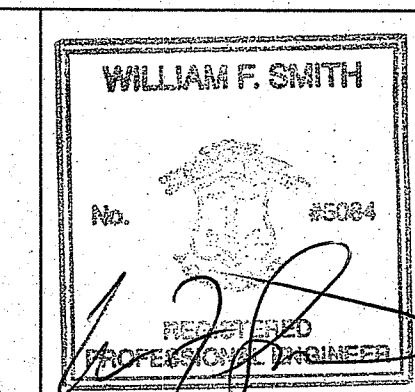
THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

TYPE: COMPREHENSIVE BOUNDARY SURVEY  
CLASS: CLASS 1 BOUNDARY  
VERTICAL CONTROL STANDARD: N/A  
TOPOGRAPHIC SURVEY ACCURACY: T-3

PURPOSE: THIS PLAN AND SURVEY WERE PREPARED AS A PROPOSED SITE PLAN TO CONSTRUCT A SINGLE FAMILY DWELLING AND SEPTIC SYSTEM, AS WELL AS ACCOMPANY A WETLAND APPLICATION.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:  
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

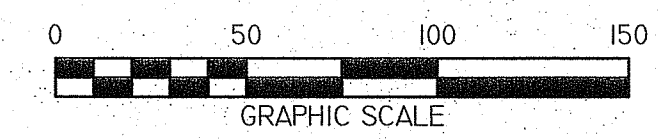


THOMAS M. OWEN, PLS #2518 COA #A402

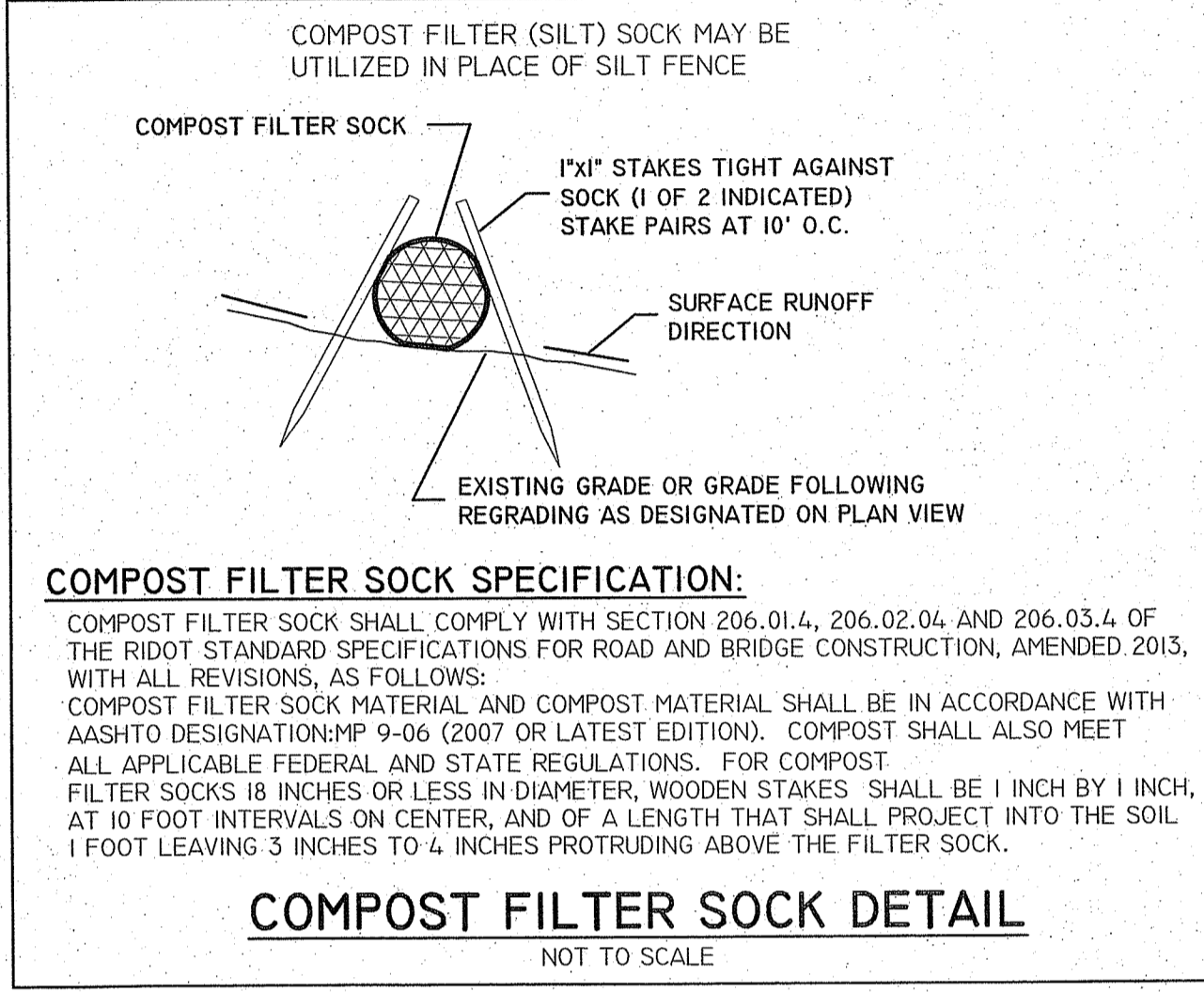
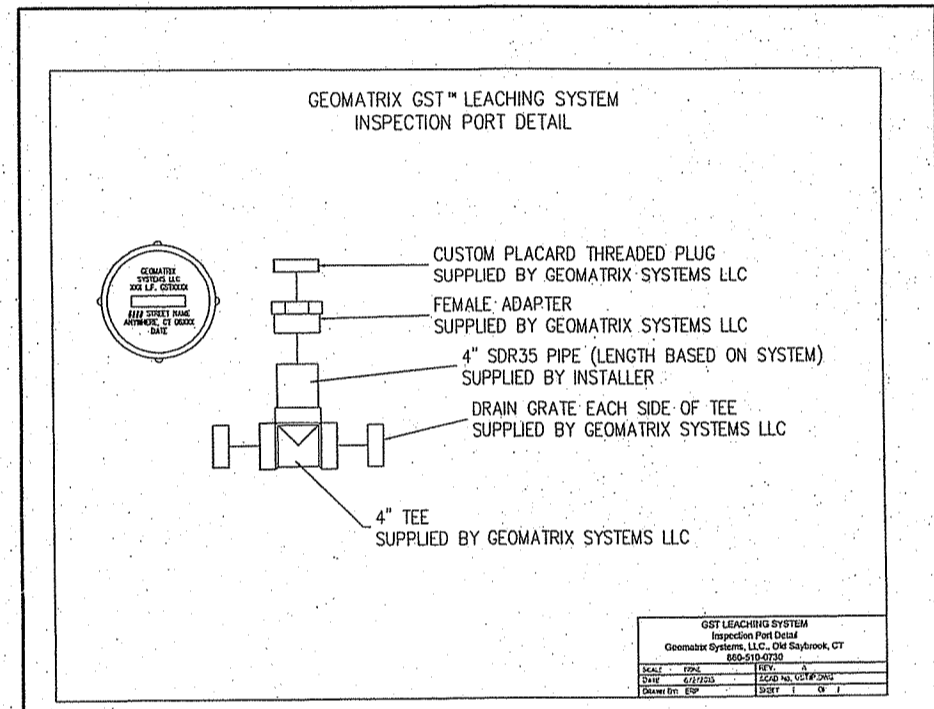
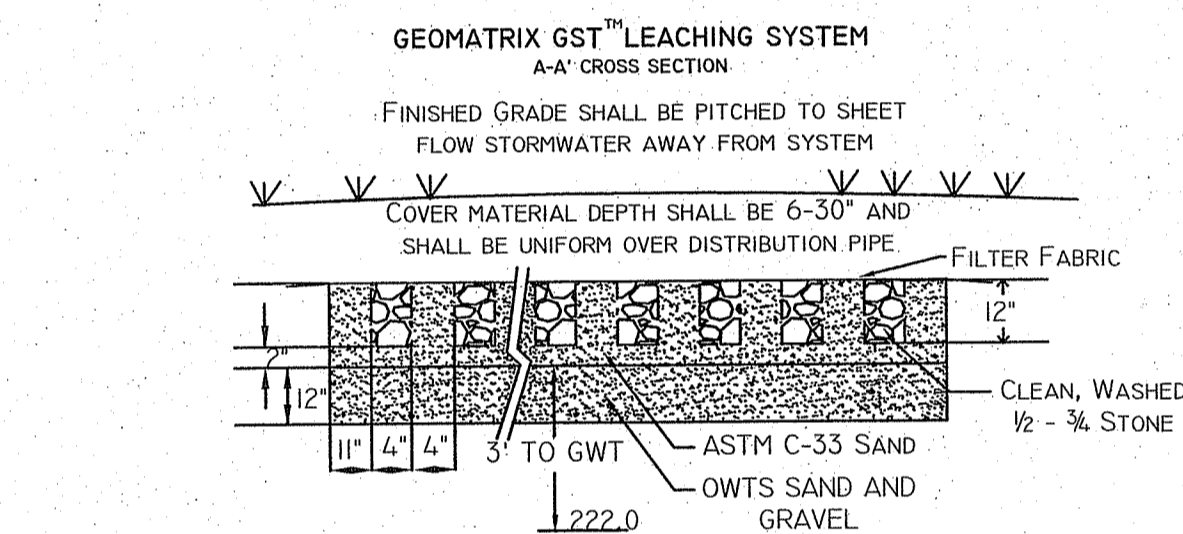
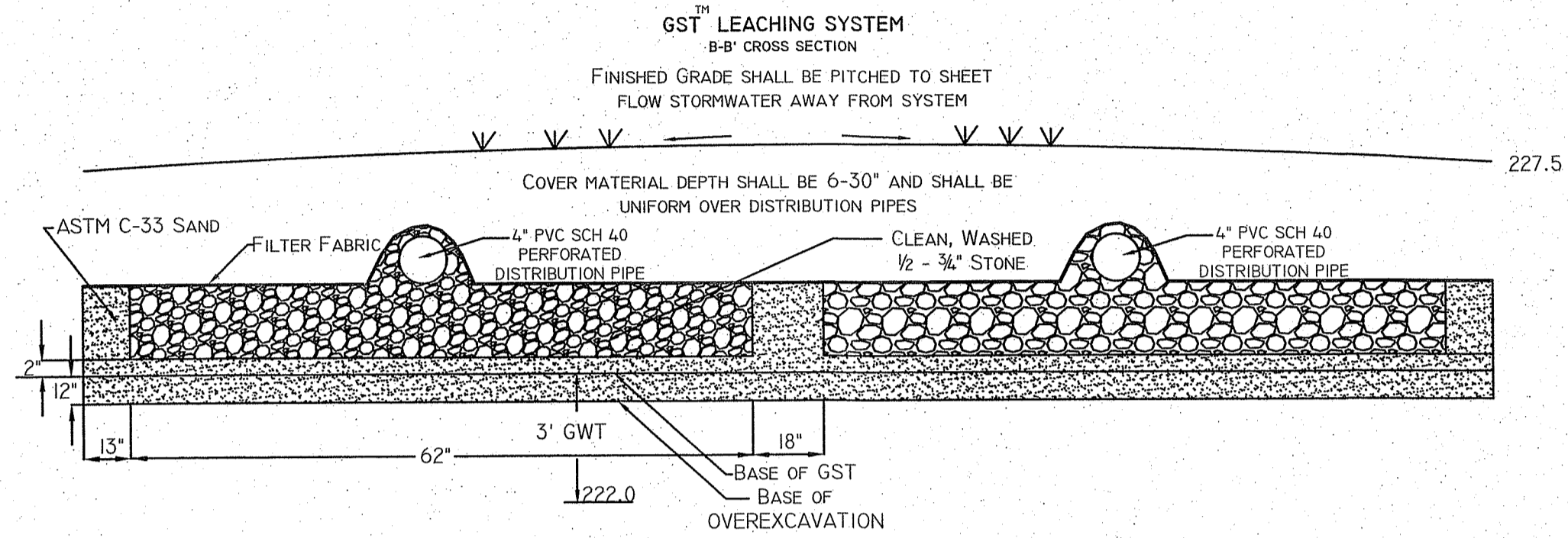
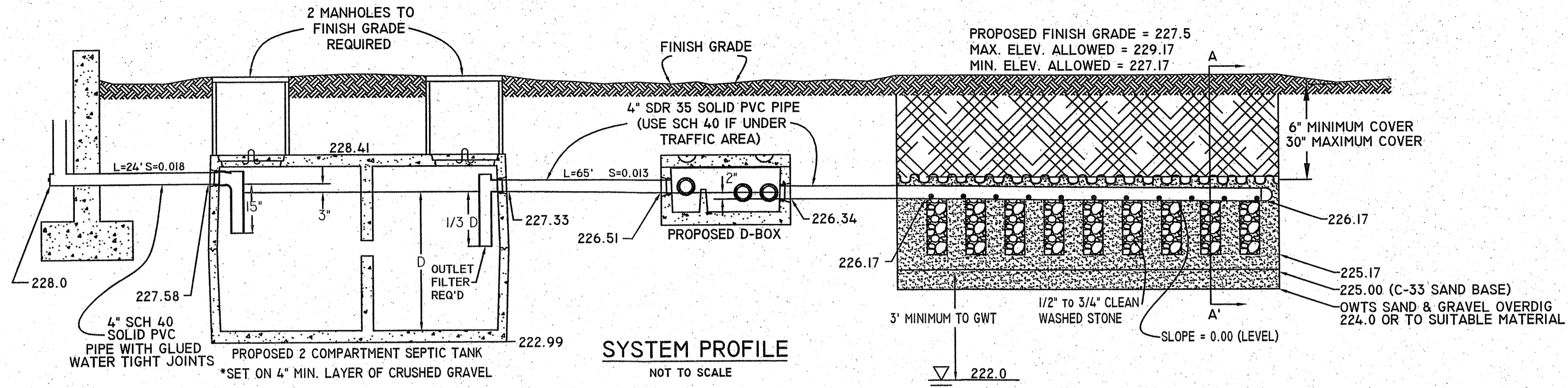
PROPOSED OWTS NEW CONSTRUCTION AND WETLAND PLAN  
PREPARED FOR  
**SYLVESTER G. DASILVA**  
ASSESSOR'S PLAT 207 LOT III  
PROPOSED LOT 2  
340 STAFFORD ROAD  
TIVERTON, RHODE ISLAND  
SCALE: 1" = 50'  
DATE: AUGUST 5, 2024  
Civil Engineering Concepts, Inc.  
34A MAIN STREET  
LITTLE COMPTON, RI 02837  
PH: (401) 592-0177  
FAX: (401) 592-0178  
EMAIL: wsmithce@aol.com

REVISIONS	
NO.	DATE

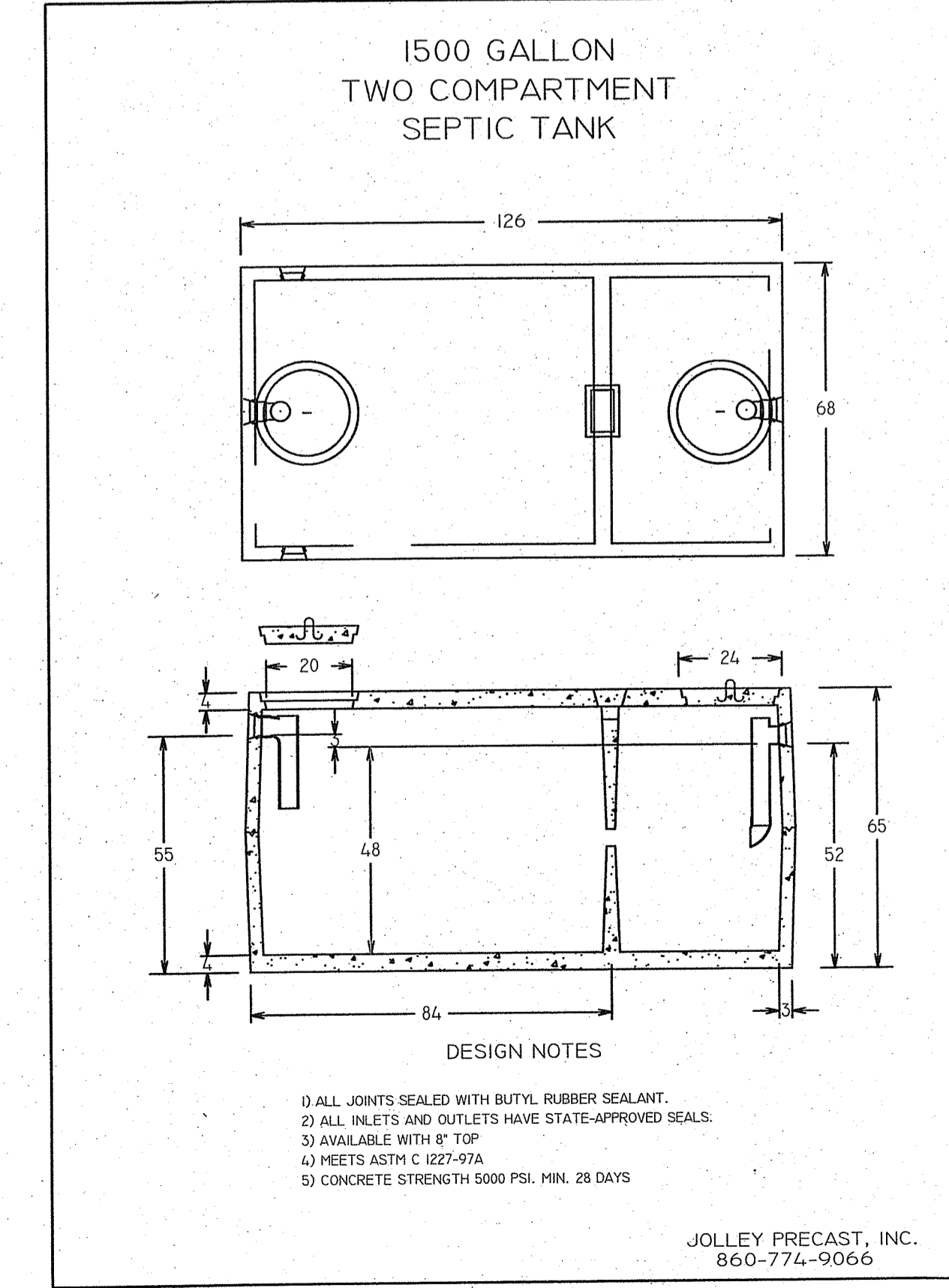
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION ACCESS  
JUNE 15, 1998  
R.I. STANDARD 9.9.0



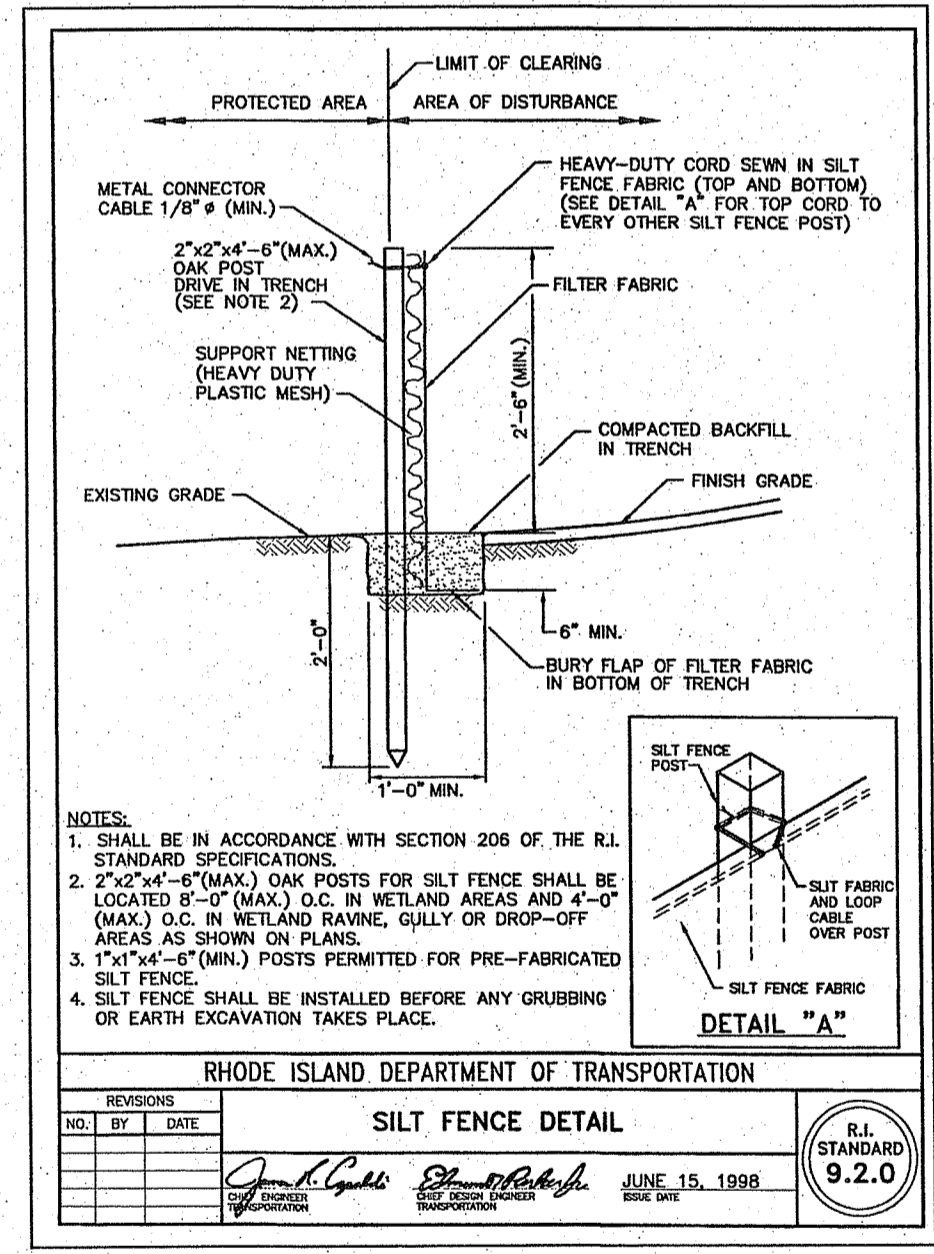
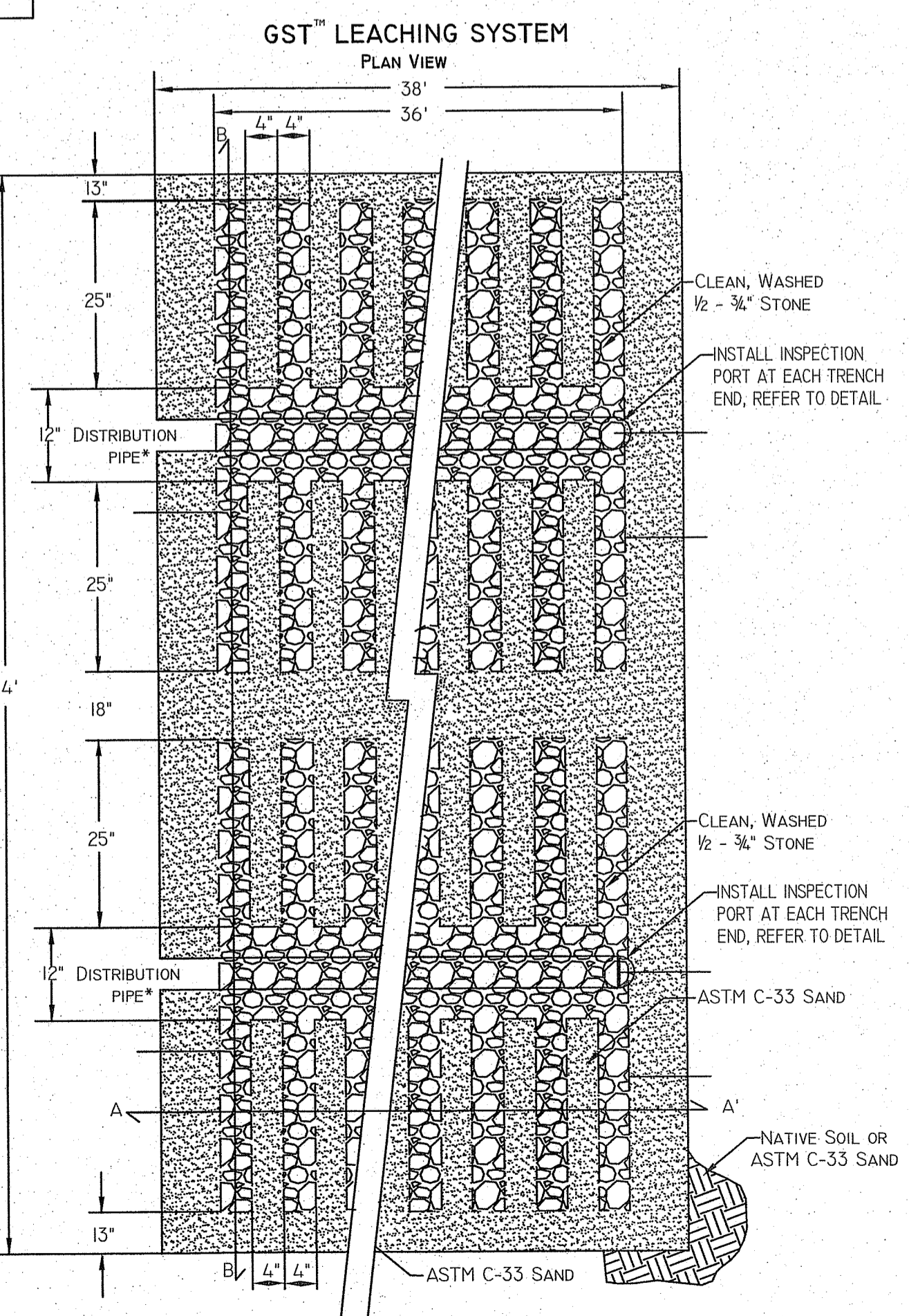
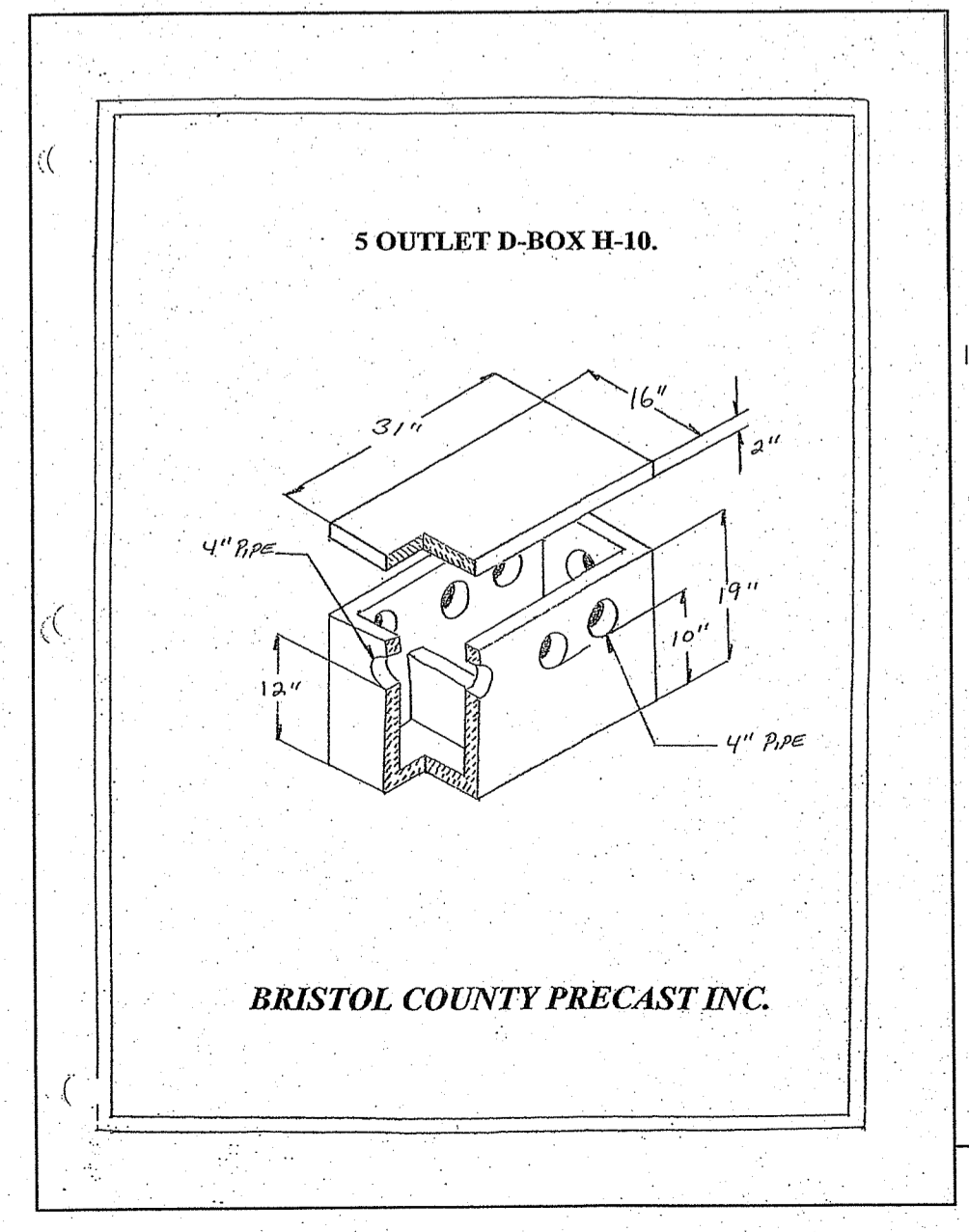
REVISIONS:  
1) 10/14/24: CHANGES TO HOUSE/OWTS



**COMPOST FILTER SOCK SPECIFICATION:**  
 COMPOST FILTER SOCK SHALL COMPLY WITH SECTION 206.01.4, 206.02.04 AND 206.03.4 OF THE RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED 2013, WITH ALL REVISIONS, AS FOLLOWS:  
 COMPOST FILTER SOCK MATERIAL AND COMPOST MATERIAL SHALL BE IN ACCORDANCE WITH AASHTO DESIGNATION MP 9-06 (2007 OR LATEST EDITION). COMPOST SHALL ALSO MEET ALL APPLICABLE FEDERAL AND STATE REGULATIONS. FOR COMPOST FILTER SOCKS 18 INCHES OR LESS IN DIAMETER, WOODEN STAKES SHALL BE 1 INCH BY 1 INCH, AT 10 FOOT INTERVALS ON CENTER, AND OF A LENGTH THAT SHALL PROJECT INTO THE SOIL 1 FOOT LEAVING 3 INCHES TO 4 INCHES PROTRUDING ABOVE THE FILTER SOCK.



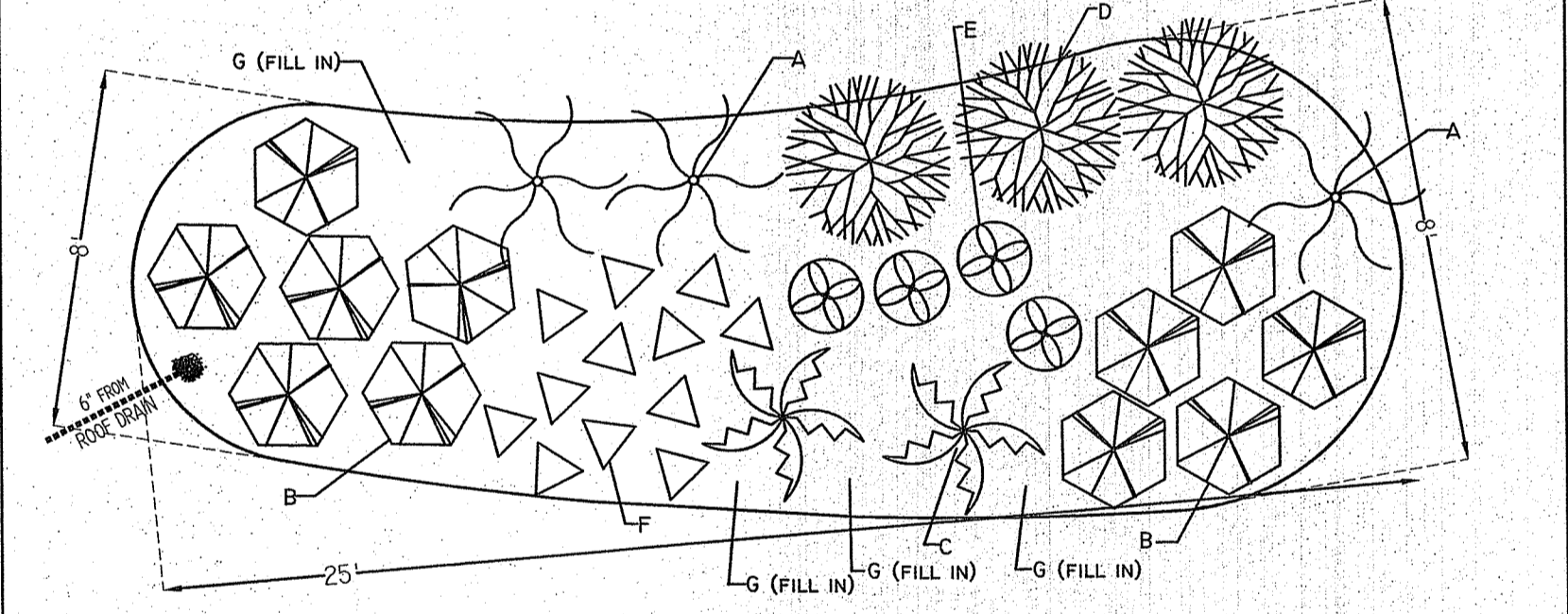
**SEPTIC TANK BUOYANCY CALCULATIONS**  
 BOTTOM OF SEPTIC TANK DOES NOT SIT WITHIN GROUNDWATER TABLE AND THEREFORE, NO BUOYANCY CALCULATIONS ARE REQUIRED



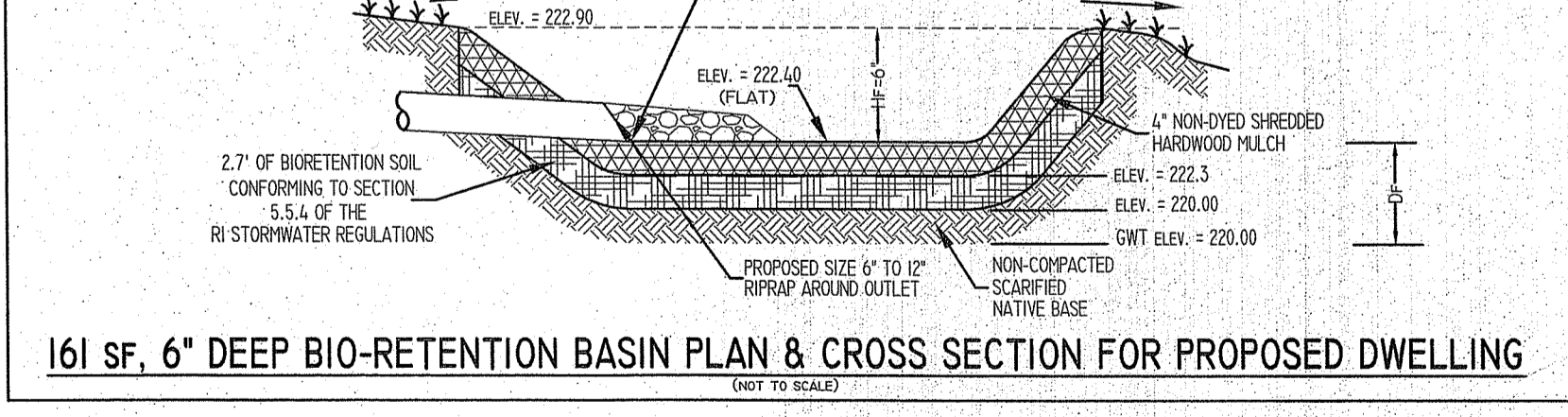
**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES FRESHWATER WETLANDS PROGRAM**  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: JAN 10 2025 FILE #: 24-0257  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

**BIO-RETENTION SYSTEM**

**8\"/>**



SYMBOL	PLANT SPECIES	# OF PLANTS
A	SWEET PEPPER BUSH	(2)
B	JOE PYE WEED	(1)
C	SWEET FERN	(2)
D	HIGHBUSH BLUEBERRY	(3)
E	BUTTERFLY MILKWEED	(4)
F	BLUE FLAG IRIS	(12)
G	BEARBERRY	(15) FILL IN



- NOTES:**
- ALL CONSTRUCTION SHALL CONFORM TO THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS DEPARTMENT OF ENVIRONMENTAL MANAGEMENT- RULES AND REGULATIONS ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS MOST RECENTLY AMENDED. LICENSED IN THE STATE OF RHODE ISLAND.
  - ALL WORK SHALL BE DONE IN A WORKMANLIKE MANNER WITH LINES LAID AS STRAIGHT AS POSSIBLE AND JOINTS MADE WATERTIGHT. ALL WORK TO BE DONE BY AN INSTALLER LICENSED IN THE STATE OF RHODE ISLAND.
  - SEPTIC TANK TO BE JOLLEY PRECAST 1500 GALLON TWO COMPARTMENT SEPTIC TANK. TWO SEPTIC TANK COVERS TO BE BROUGHT TO FINISH GRADE. OUTLET FILTER REQUIRED.
  - DISTRIBUTION BOX TO BE BCF 5 OUTLET D-BOX OR APPROVED EQUALS. ALL DISTRIBUTION LINES FROM BOX ONE FOOT INTO START OF TRENCH TO BE MINIMUM SOLID SDR-35. A DROP OF 2\"/>

- BASIS OF SANITARY DESIGN**
- NUMBER OF BEDROOMS: 4 PROPOSED  
 GARBAGE GRINDER: NOT ALLOWED  
 WATER SOFTENER: NOT ALLOWED  
 JACUZZI/HOT TUB: NOT ALLOWED  
 ESTIMATED SEWAGE FLOW: 460 GALLONS PER DAY  
 SIZE OF SEPTIC TANK: 1500 GALLONS  
 DESIGN PERCOLATION RATE: SOIL CAT. 9 (0.40 GAL/SF/DAY)  
 LEACHING AREA PROVIDED: 2 GEOMATRIX GST 6\"/>

**TOP OF FOUNDATION** ..... 231.0  
**FINISHED BASEMENT FLOOR** ..... 228.0 \*NO FOUNDATION DRAINS PROPOSED  
**INVERT AT DWELLING** ..... 228.0  
**INVERT INTO SEPTIC TANK** ..... 227.68  
**INVERT OUT OF SEPTIC TANK** ..... 227.33  
**INVERT INTO D-BOX** ..... 226.51  
**INVERT OUT OF D-BOX** ..... 226.34  
**INVERT AT BEGINNING OF TRENCH** ..... 226.17  
**INVERT AT END OF TRENCH** ..... 226.17  
**BOTTOM OF GST TRENCH** ..... 225.17  
**BOTTOM OF ASTM C-33 SAND** ..... 225.00  
**INVERT OF OWTS SAND & GRAVEL** ..... 224.0 OR TO SUITABLE MATERIAL  
**ELEVATION OF WATER TABLE** ..... 222.0  
**EXISTING AVERAGE GRADE AT OWTS** ..... 227.0

**BIORETENTION SOIL SPECIFICATIONS**  
 BIORETENTION SOIL SHALL CONSIST OF THE FOLLOWING:  
 SAND: 85% TO 88%  
 SOIL FINES: 8% TO 12% (WITH NO MORE THAN 2% CLAY)  
 ORGANIC MATTER: 3% TO 5% (CONSISTING OF WELL AGED LEAF COMPOST)  
 (WELL AGED LEAF COMPOST TO BE AGED 3 MONTHS AND BE WELL AERATED)

**NOTE:**  
 PLANTS MUST BE INCLUDED ON THE LIST FOUND IN APPENDIX B OF THE RI STORMWATER DESIGN MANUAL. SUBSTITUTIONS WILL BE PERMITTED WITH CONCURRENCE FROM RIDEM.

PROPOSED OWTS NEW CONSTRUCTION AND WETLAND PLAN  
 PREPARED FOR  
**SYLVESTER G. DASILVA**  
 ASSESSOR'S PLAT 207 LOT III  
 PROPOSED LOT 2  
 340 STAFFORD ROAD  
 TIVERTON, RHODE ISLAND  
 NOT TO SCALE DATE: AUGUST 5, 2024

**Civil Engineering Concepts, Inc.**  
 34A MAIN STREET  
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 EMAIL: wsmithceec@aol.com

PE COA #5161  
 PS COA #A602  
 SHEET 2 OF 2