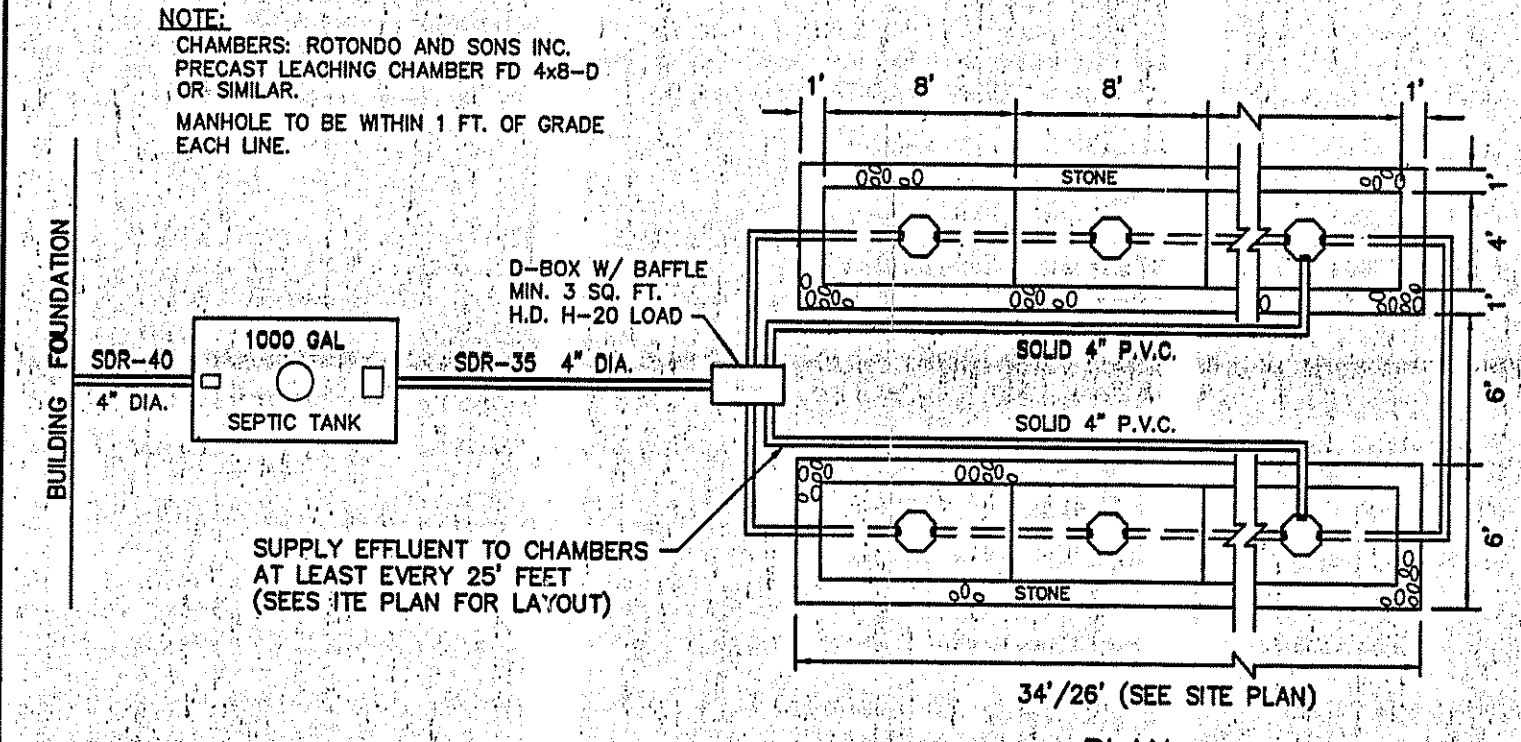
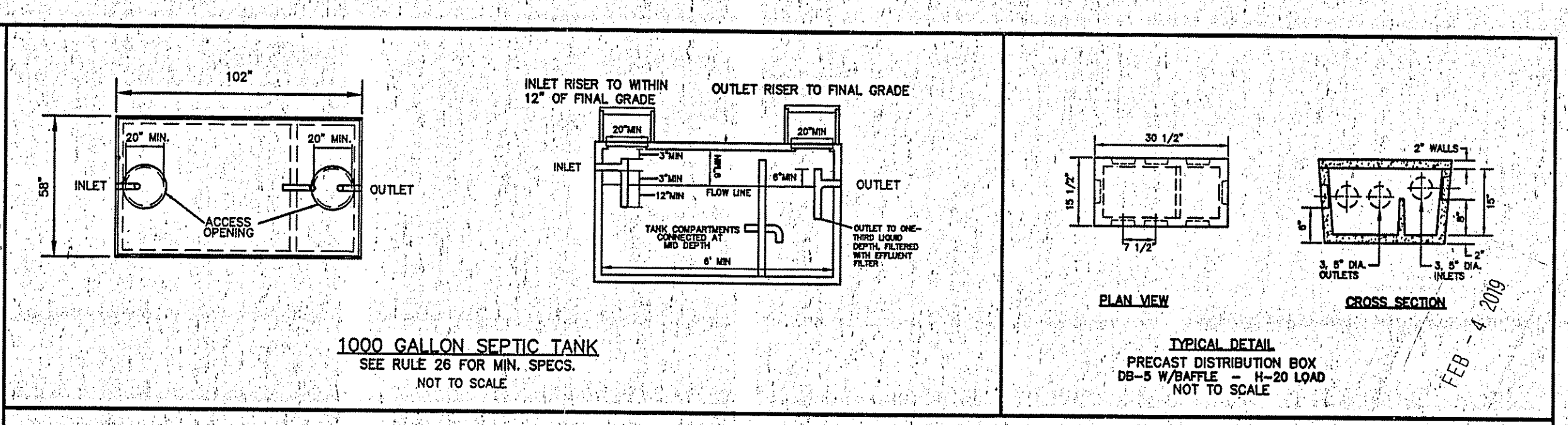
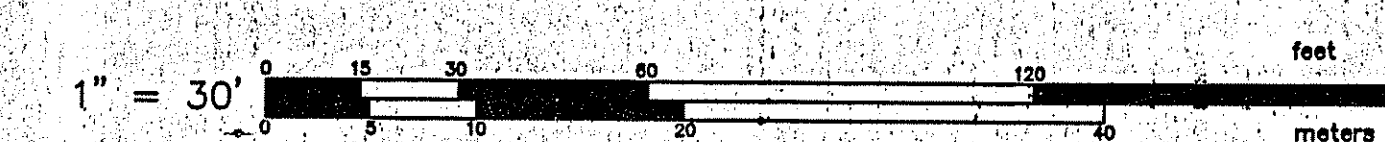


DESIGN NOTES

- ALL JOINTS SEALED WITH BUTYL RUBBER SEALANT
- ALL INLETS AND OUTLETS HAVE STATE-APPROVED SEALS
- AVAILABLE WITH 6\"/>

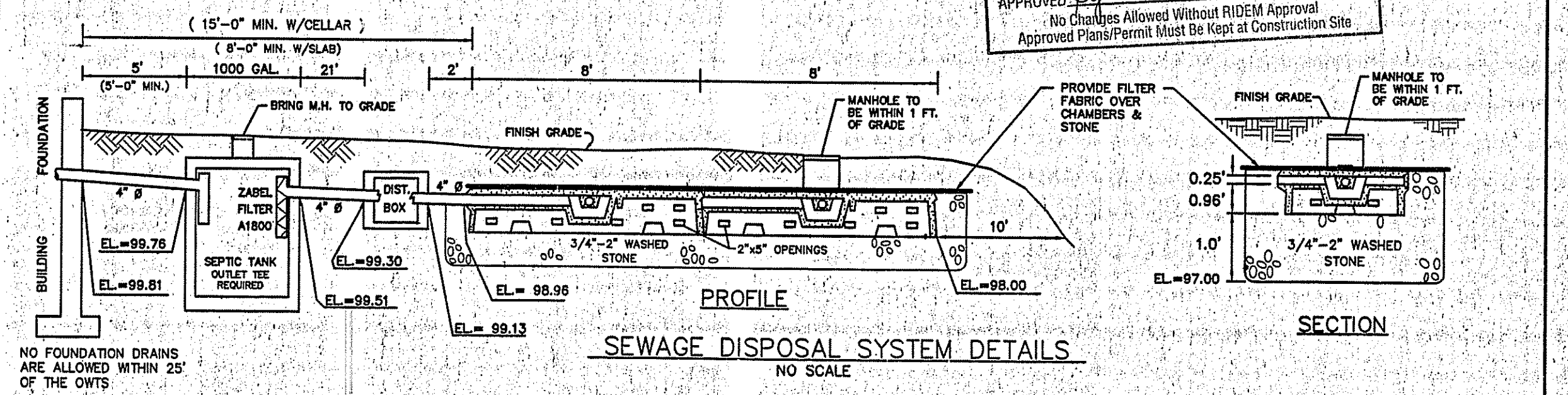
ZABEL: A1800 FILTER



TEST PIT LOG	
DATA	03
SURFACE ELEVATION	100.0
GROUND WATER ELEV.	94.0
BOTTOM OF SYSTEM	97.00
SOIL CATEGORY	6m
SOIL LOADING RATE	0.70 (GAL/SF/DAY)

DESIGN CRITERIA:
 3 BEDROOMS @ 115 GPD/BR UNIT = 345 GPD
 345 GPD / .70 gals/sq ft/day = 492.9 S.F.
 REQUIRED LEACHING AREA = 492.9 S.F.
 DESIGN LEACHING AREA = 504.0
 4 END UNITS
 3 MID UNITS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 OWTS & FRESHWATER WETLANDS
 JOINT PERMIT APPROVAL 0332
 DWTS# 1825-0929 FWW# 18-0322
 APPROVED: [Signature] DATE 2/5/19
 No Changes Allowed Without RIDEM Approval
 Approved Plans/Permit Must Be Kept at Construction Site



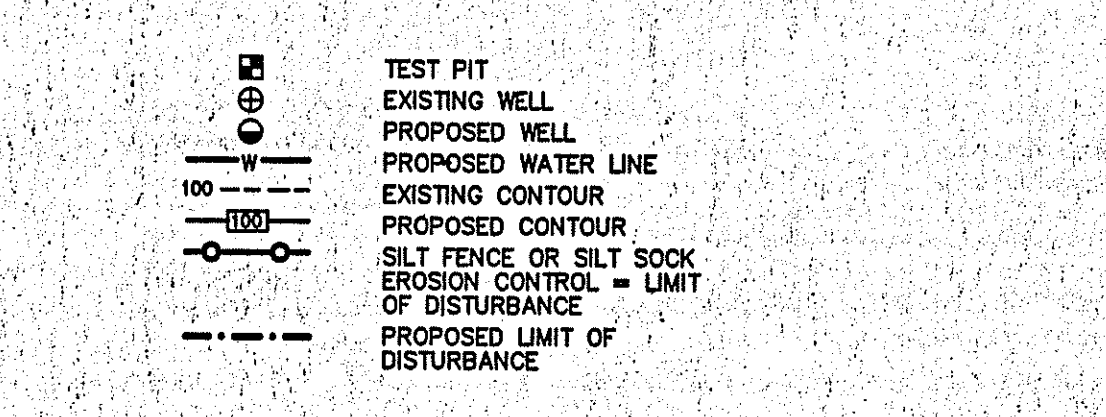
SEWAGE DISPOSAL SYSTEM NOTES

- ALL KNOWN WELLS (EXISTING & PROPOSED) ARE SHOWN WITHIN 200' OF THE PROPOSED SYSTEM.
- THERE ARE NO KNOWN WELLS (EXISTING & PROPOSED) WITHIN 100' OF THE PROPOSED SYSTEM.
- THE PROPOSED WELL LOCATION IS NOT WITHIN 100 FEET OF ANY KNOWN SYSTEM.
- NO PARKING OR VEHICULAR TRAFFIC SHALL BE PERMITTED OVER THE PROPOSED SYSTEM AT ANY TIME.
- ALL CONSTRUCTION AND APPURTENANCES SHALL CONFORM TO R.I. DEPARTMENT OF ENVIRONMENTAL MANAGEMENT REGULATIONS (LAND RESOURCES DIVISION) 8-23-150, AND SHALL NOT DEVIATE WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT AND DESIGNER.
- THE LEACHING AREA, EXTENDING AT LEAST 10 FEET ON ALL SIDES, MUST BE STRIPPED OF TREES, BRUSH AND STUMPS.
- THE LEACHING AREA, EXTENDING AT LEAST 0 FEET ON ALL SIDES, MUST BE STRIPPED OF TOPSOIL, SUBSOILS, AND SOIL CONTAINING PINES, AND THE BOTTOM OF THE EXCAVATION SCARIFIED AND BACKFILLED WITH A COARSE GRAINED SOIL CONTAINING LITTLE OR NO PINES. THE LEACHING SYSTEM SHALL NOT BE CONSTRUCTED WHEN THE ORIGINAL SOIL WAS STRIPPED TO, OR INTO, THE GROUND WATER TABLE UNLESS APPROVED BY THE DIRECTOR.
- THE DESIGNER IS TO BE NOTIFIED A MINIMUM OF 72 HOURS PRIOR TO INSTALLATION OR ANY REQUIRED INSPECTION.
- OUTLET TEE REQUIRED ON SEPTIC TANK.
- DRAINS - NO SUBDRAINS WITHIN 25' ALLOWED (INCLUDING FOUNDATION DRAINS).
- NO WATER LINE SHOULD BE WITHIN 25' OF THE SEWERAGE SYSTEM.
- SYSTEM MUST BE SUPERVISED BY SYSTEM DESIGNER AS PER SD 27.00 OF THE RULES AND REGULATIONS ESTABLISHING MINIMUM STANDARDS RELATING TO THE LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF INDIVIDUAL SEWERAGE DISPOSAL SYSTEMS.
- THERE ARE NO EXISTING OR PROPOSED PUBLIC DRINKING WATER SUPPLY WELLS WITHIN 500' OF THE PROPOSED SYSTEM.
- ALL KNOWN SEWERAGE SYSTEMS (EXISTING & PROPOSED) ARE SHOWN AND ARE MORE THAN 100' FROM THE PROPOSED WELL.

LICENSED INSTALLER NOTES

- RULE 43.6**
- THE DESIGNER SHALL, AT MINIMUM BUT NOT LIMITED TO, INSPECT AND MAKE MEASUREMENTS, WHERE APPROPRIATE, OF THE FOLLOWING COMPONENTS AND STEPS IN THE INSTALLATION OF THE ISSD:
- THE EXPOSED BOTTOM OF THE EXCAVATION FOR THE LEACHFIELD;
 - THE SIZE & CONDITION OF ALL STRUCTURES SUCH AS THE SEPTIC TANK, D-BOX, GALLEYS, FLOW DIFFUSERS, ETC.;
 - THE ELEVATIONS OF ALL PIPE INVERTS;
 - AND IS PLACED IN ACCORDANCE WITH THE DESIGN PLAN;
 - COMPLETED INSTALLATION PRIOR TO COVERING;
 - THE TYPE OF BACKFILL AND THAT THE BACKFILL IS PROPERLY PLACED AND COMPACTED;
 - FINAL SOIL COVER INCLUDING THE FILL PERIMETER; AND
 - ALL HORIZONTAL SET-BACKS, INCLUDING FROM THE BUILDING AND ANY WELLS ON-SITE OR ON ADJUTING LOTS.

LEGEND



NOTE: DESIGNER REQUIRES 72 HOURS NOTICE PRIOR TO ANY REQUIRED INSPECTION. INSTALLER IS TO NOTIFY THIS OFFICE PRIOR TO THE START OF CONSTRUCTION.

ANTHONY E. MUSCARIELLO
 No. 1718
 PROFESSIONAL LAND SURVEYOR
 R.I.D.E.M. CLASS II DESIGNER
 LICENSE NO. 02057

INTERNATIONAL MAPPING & SURVEYING CORP. 19 INDUSTRIAL DRIVE SMITHFIELD, RI 02917 (401) 232-2620

LEACHING SYSTEM DESIGN REFERENCE: SOIL EVALUATION #1825-0929 DATED 08/03/18

INDIVIDUAL SEWERAGE DISPOSAL SYSTEM DESIGN for: LOUIS SCOTT 7 CLARENCE THURBER BLVD. SMITHFIELD, RI 02917

LOCATION: PINE LANE NORTH SMITHFIELD, RI

POLE: #18

A.P. 14 LOT 91 3.25± ACRES

SCALE: 1"=30'

REVISIONS:
 11/10/18 ADDED L3D 12/05/18
 REV. INVERT & ADD. BM 01/02/19
 REV. WETFLAG & ADD. ELEC. 02/02/19

PROJECT NUMBER: 180811-IS