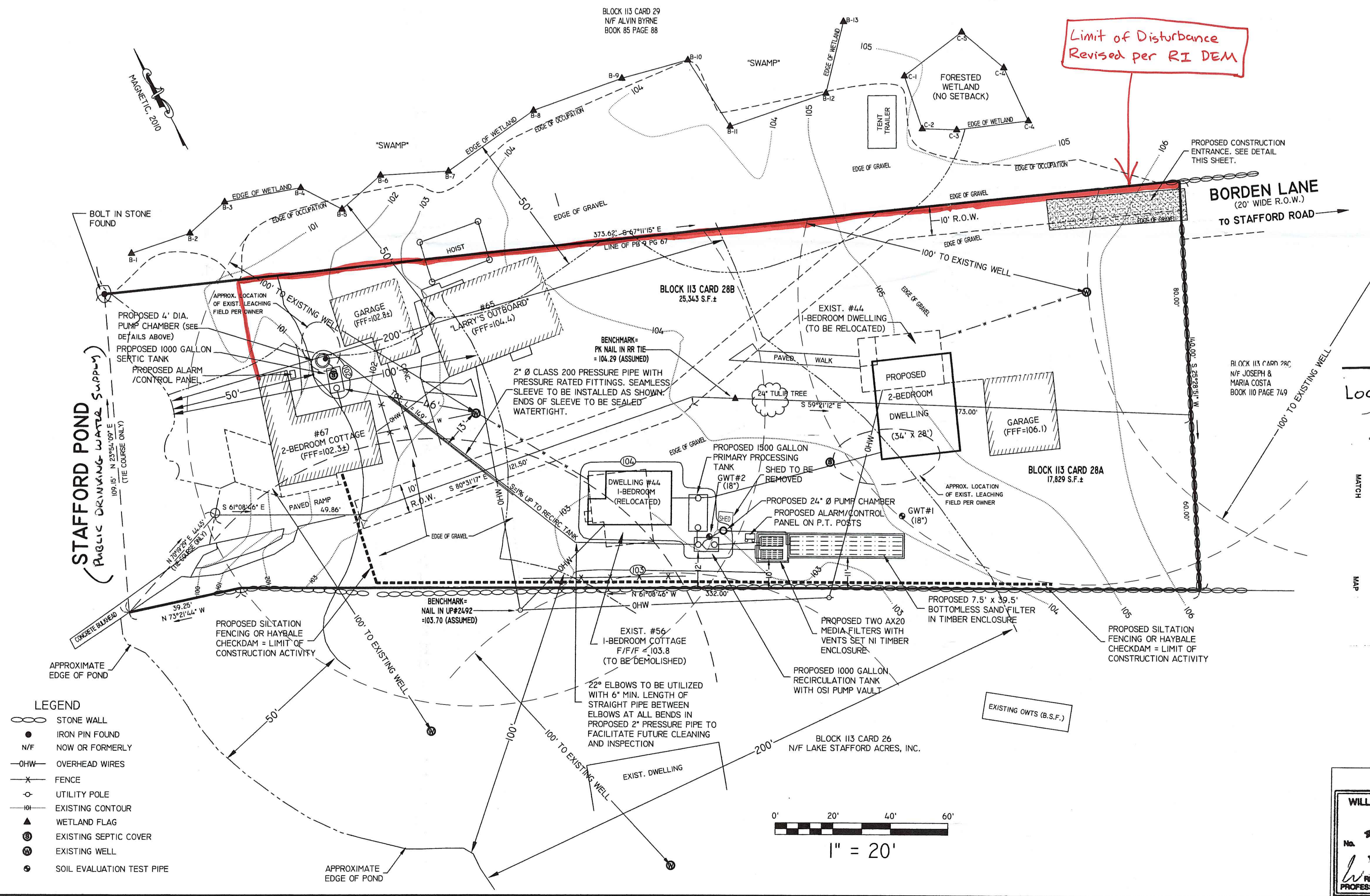
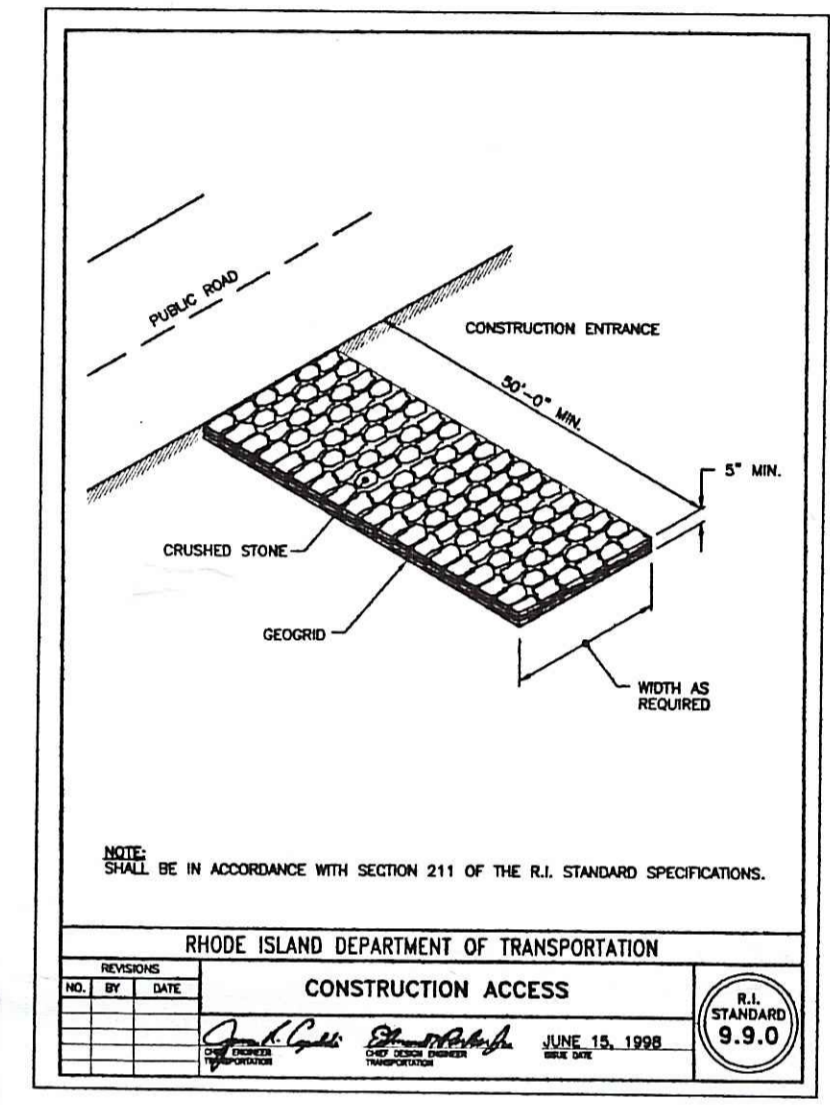
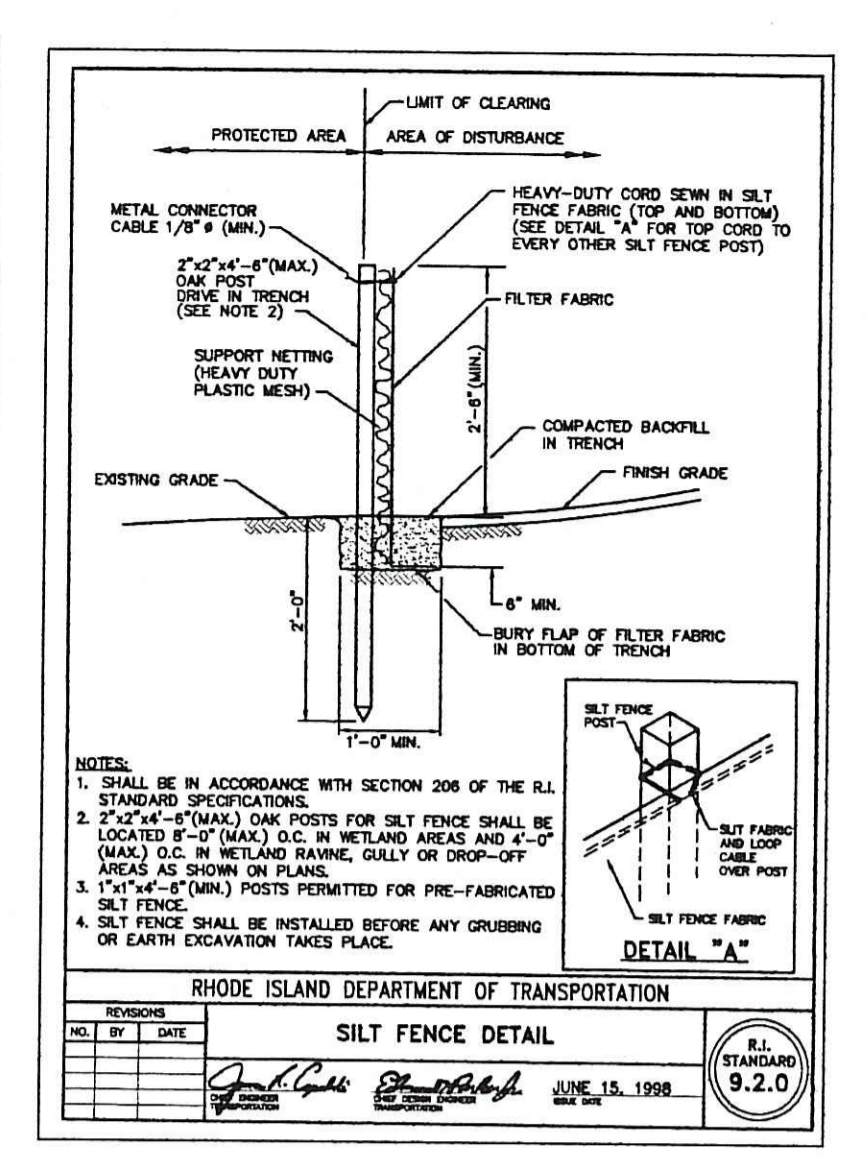
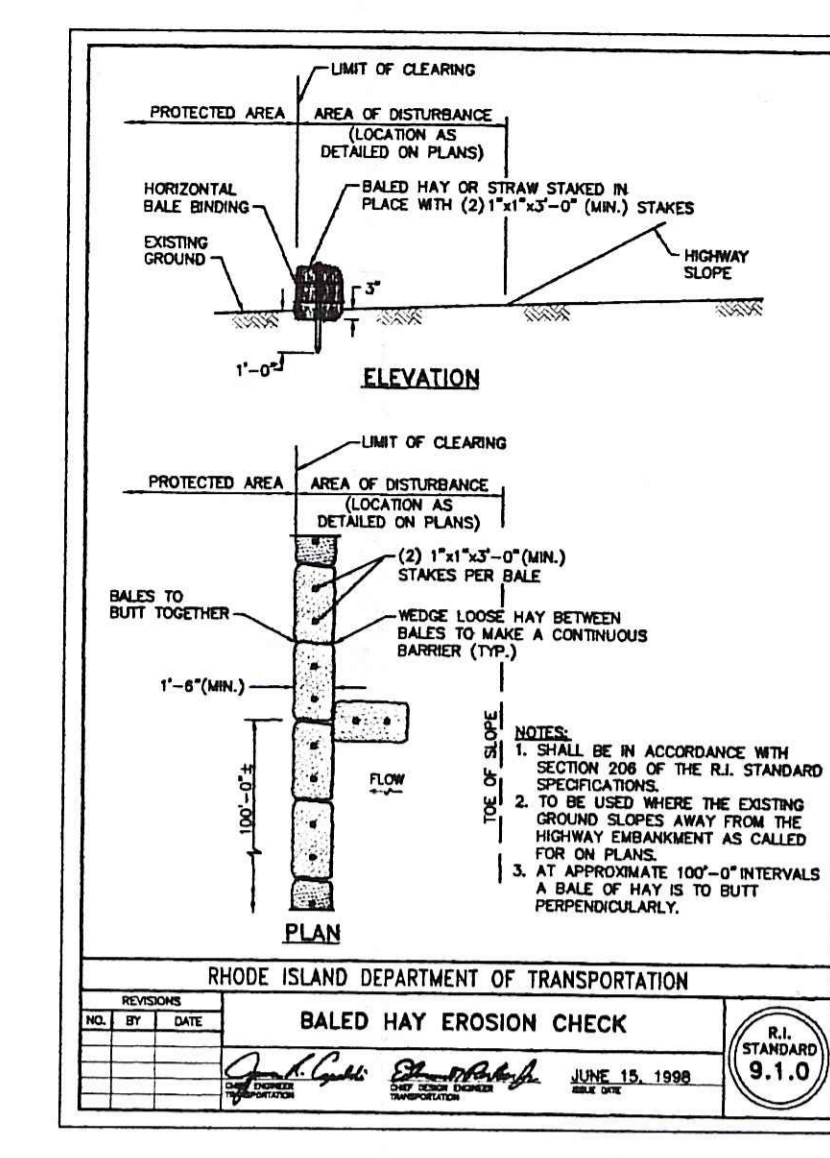
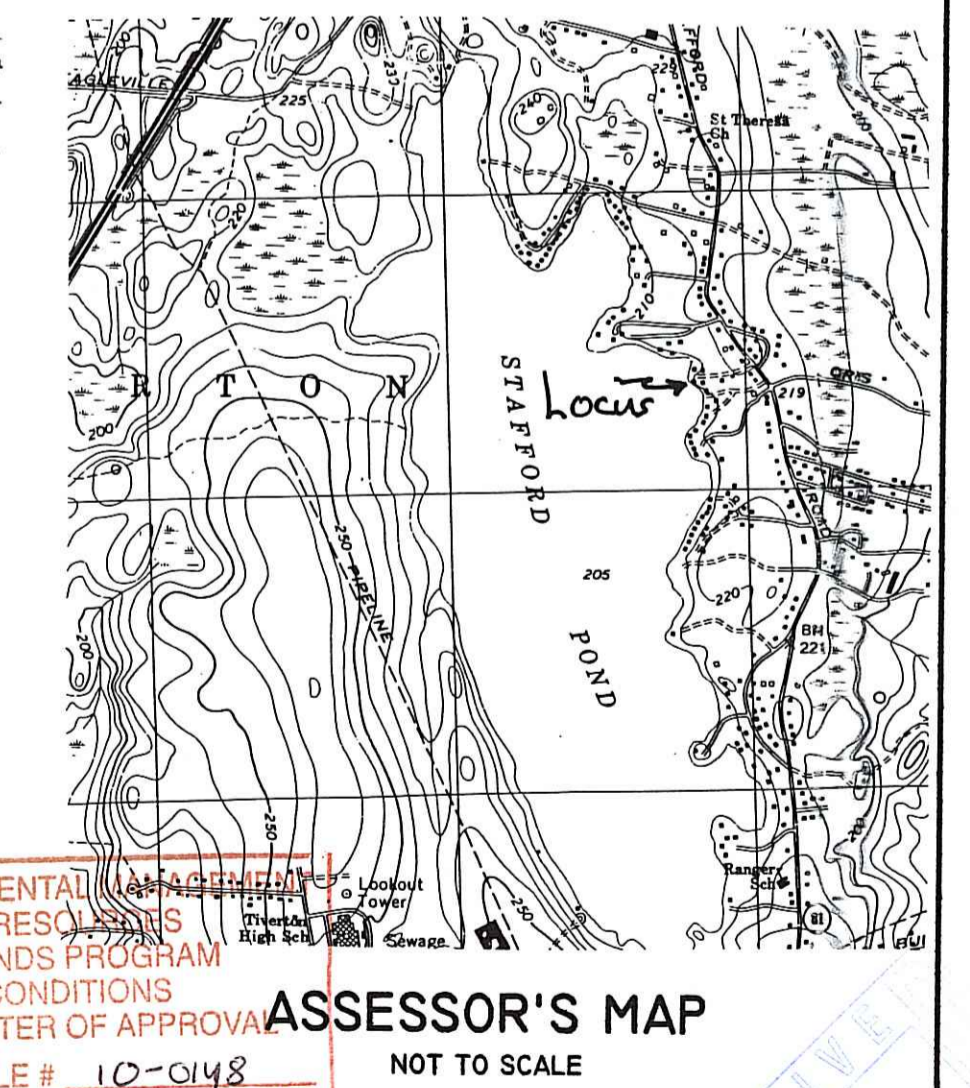
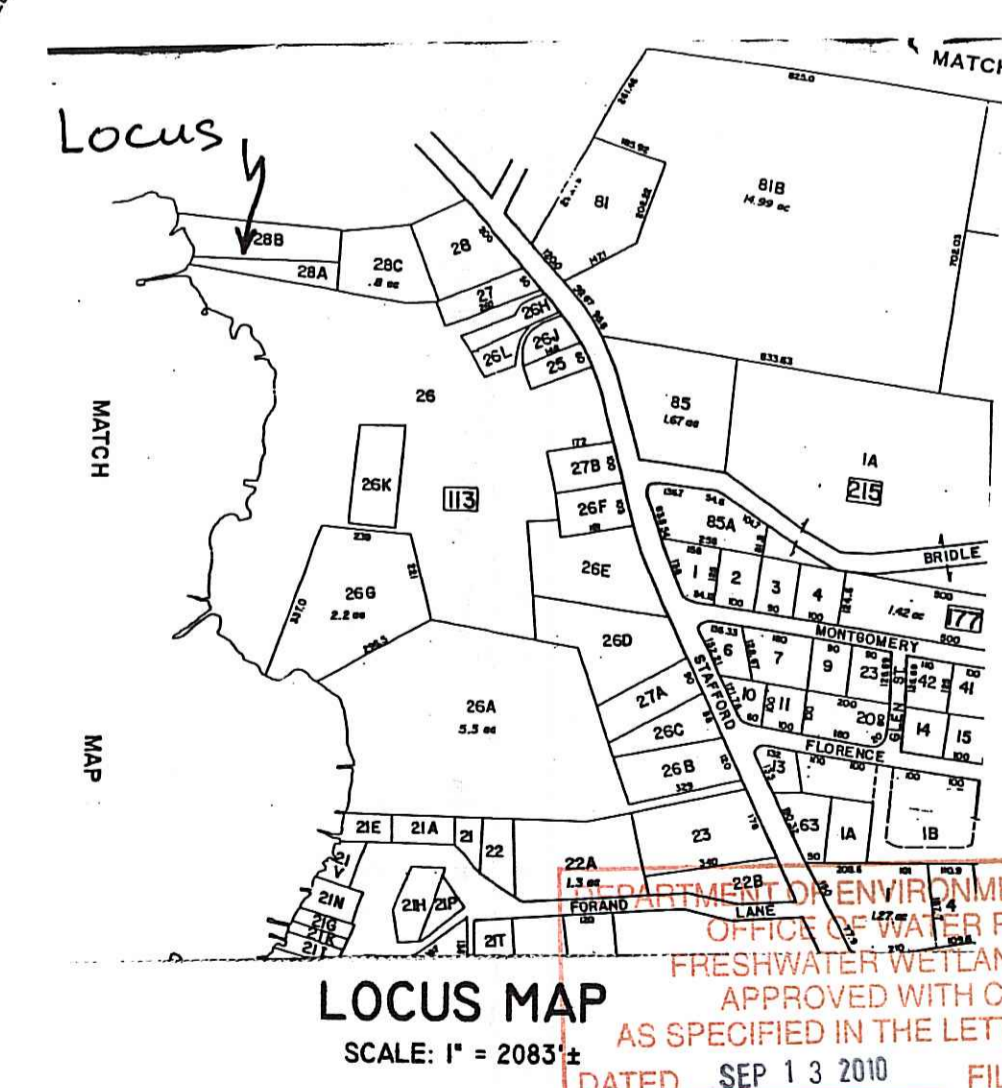


SYSTEM PROFILE FOR 1000 GALLON TANK / 4" PUMP CHAMBER
NOT TO SCALE

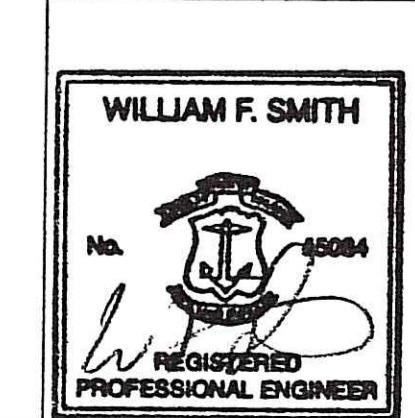
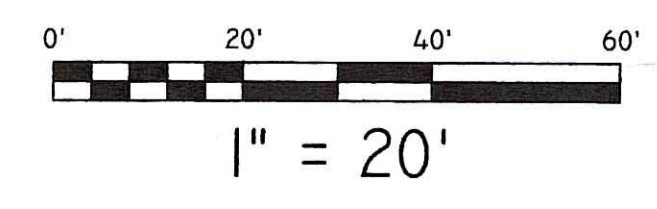
- 1000 GALLON SEPTIC TANK / 4" PUMP CHAMBER NOTES:
(SEE SHEET #2 FOR ALL DESIGN DETAIL AND NOTES PERTAINING TO THE ADVANCED TREATMENT OWTS COMPONENTS)
- 1.) THE SEWAGE PUMP IS TO BE MYERS WHR-5, 1/2 HORSEPOWER, SUBMERSIBLE SEWAGE/EFFLUENT PUMP INSTALLED IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. PUMP TO BE CAPABLE OF PASSING 2" SOLIDS.
 - 2.) THE PUMP SYSTEM TO BE INSTALLED IN A 4" DIAMETER, WATER-TIGHT, PRECAST CONCRETE MANHOLE (6' MAXIMUM DEPTH) WITH HEAVY DUTY 24" CAST IRON COVER. CONTACT DESIGNER IF PUMP CHAMBER SIZE IS TO BE MODIFIED SO THAT FLOAT LEVEL SETTINGS CAN BE MODIFIED.
 - 3.) A SIGN SHALL BE INSTALLED IN THE VICINITY OF THE MANHOLE COVER WARNING OF THE POTENTIAL ACCUMULATION OF HAZARDOUS SEWER GAS AND THE NEED FOR ADEQUATE VENTING AND AIR MONITORING PRIOR TO WORKING ON THE SEWAGE PUMP ASSEMBLY.
 - 4.) ALL MATERIALS AND CONSTRUCTION SHALL MEET THE MANUFACTURERS REQUIREMENTS AND APPLICABLE BUILDING, PLUMBING, ELECTRICAL, AND SAFETY CODES. A MANUFACTURERS MAINTENANCE SCHEDULE SHALL BE ACQUIRED AND FOLLOWED.
 - 5.) THE USE OF A BACKUP ELECTRICAL GENERATOR IS STRONGLY RECOMMENDED.
 - 6.) FOR ADDITIONAL INFORMATION - SEE ADDITIONAL DETAILS CONTAINED WITHIN THIS PLAN AND WITHIN MANUFACTURERS PUBLISHED LITERATURE. THE INFORMATION CONTAINED WITHIN THIS PLAN IS INTENDED TO PROVIDE SCHEMATIC REQUIREMENTS ONLY. ACTUAL SHOP DRAWINGS ARE TO BE COORDINATED WITH THE MANUFACTURER. ALL ACCESSORIES SUCH AS AUDIO AND VISUAL ALARMS, FLOAT SWITCHES, LIFT OUT RAIL SYSTEM, ETC. ARE TO BE READILY ADAPTABLE TO FIT THE PROPOSED SYSTEM PER THE PUMP MANUFACTURER. OOD COMPONENTS REQUIRING EXTENSIVE MODIFICATION TO THE SYSTEM WILL NOT BE PERMITTED.
 - 7.) THE PUMP SHALL HAVE OVERLOAD PROTECTION TO PREVENT DAMAGE TO THE PUMP.
 - 8.) ALL STAGES OF THE PUMP INSTALLATION SHALL BE INSPECTED BY THE DESIGN ENGINEER. IT IS THE RESPONSIBILITY OF THE INSTALLER TO PROVIDE ADEQUATE NOTICE OF INSPECTION SCHEDULING TO THE DESIGNER.
 - 9.) THE SEWER LINE BETWEEN THE PUMP CHAMBER AND THE RECIRCULATION TANK IS TO BE 2" DIAMETER PRESSURE PIPE. MAINTAIN POSITIVE DRAIN BACK TO PUMP CHAMBER.
 - 10.) NO DRIVING OR PARKING OVER ANY COMPONENT OF THE SYSTEM IS PERMITTED.
 - 11.) A NEMA APPROVED ELECTRICAL BOX WITH AUDIO ALARM AND VISUAL ALARM (TO NOTIFY OF HIGH WATER LEVELS IN THE PUMP CHAMBER) IS TO BE INSTALLED WITHIN SIGHT OF THE PUMP CHAMBER COVER.



Limit of Disturbance Revised per RI DEM



- LEGEND
- STONE WALL
 - IRON PIN FOUND
 - N/F NOW OR FORMERLY
 - OHW- OVERHEAD WIRES
 - X- FENCE
 - UTILITY POLE
 - EXISTING CONTOUR
 - ▲ WETLAND FLAG
 - ⊙ EXISTING SEPTIC COVER
 - ⊙ EXISTING WELL
 - ⊙ SOIL EVALUATION TEST PIPE



PROPOSED OWTS ALTERATION/NEW CONSTRUCTION PLAN
PREPARED FOR
LAWRENCE J. FERRY, III - TRUSTEE
ASSESSOR'S MAP 4-II BLOCK 113 CARDS 28A & 28B
44, 56, 65, & 67 BORDEN LANE
TIVERTON, RHODE ISLAND

SCALE: 1" = 20'
DATE: JULY 1, 2010

Civil Engineering Concepts, Inc.
34A MAIN STREET
LITTLE COMPTON, RI 02883
PH: (401) 592-0177
FAX: (401) 592-0178
EMAIL: wsmithcecon@comcast.net

DATE: JULY 1, 2010
P.O. BOX 5325
NEW BEDFORD, MA 02742
(508) 990-4910
JOB#: 09-079

