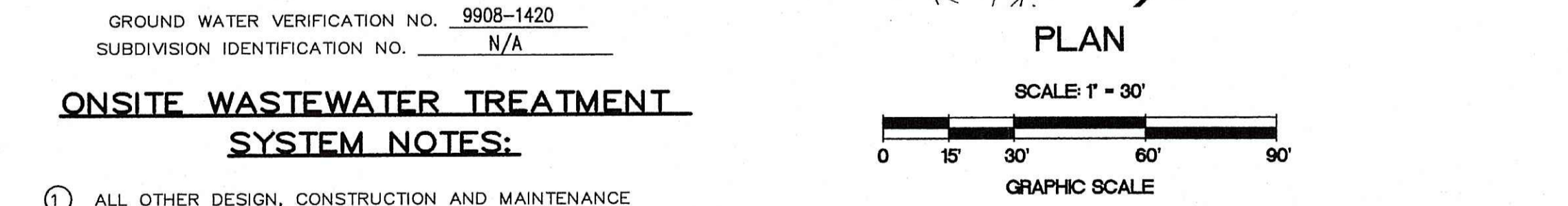
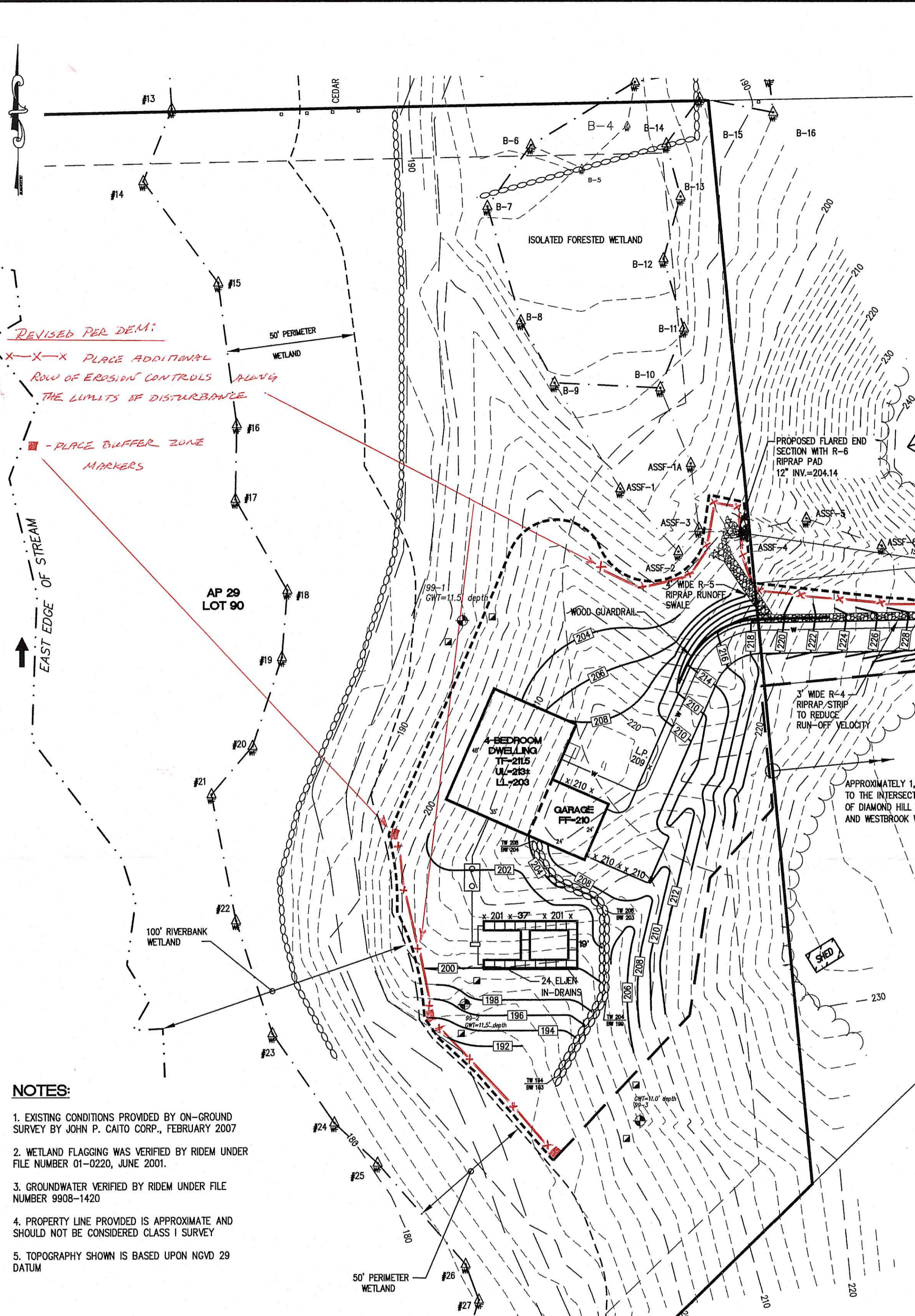
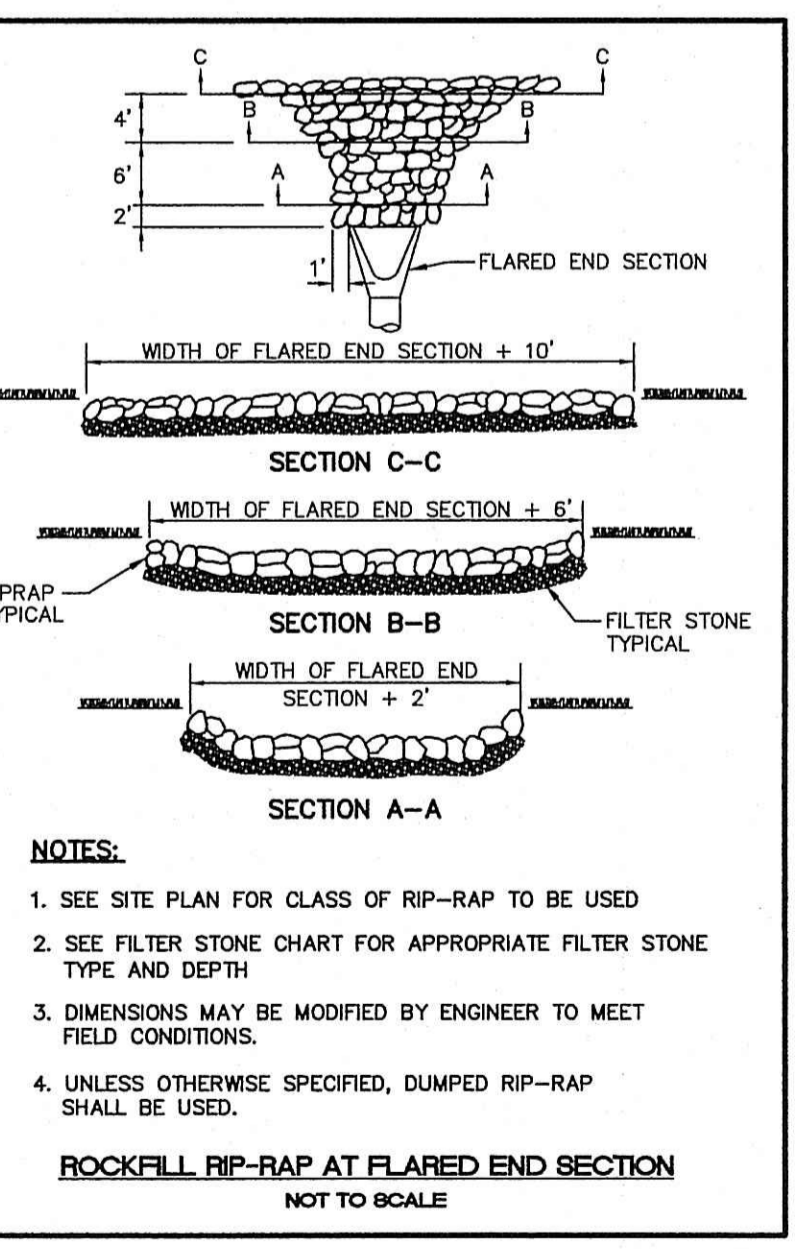
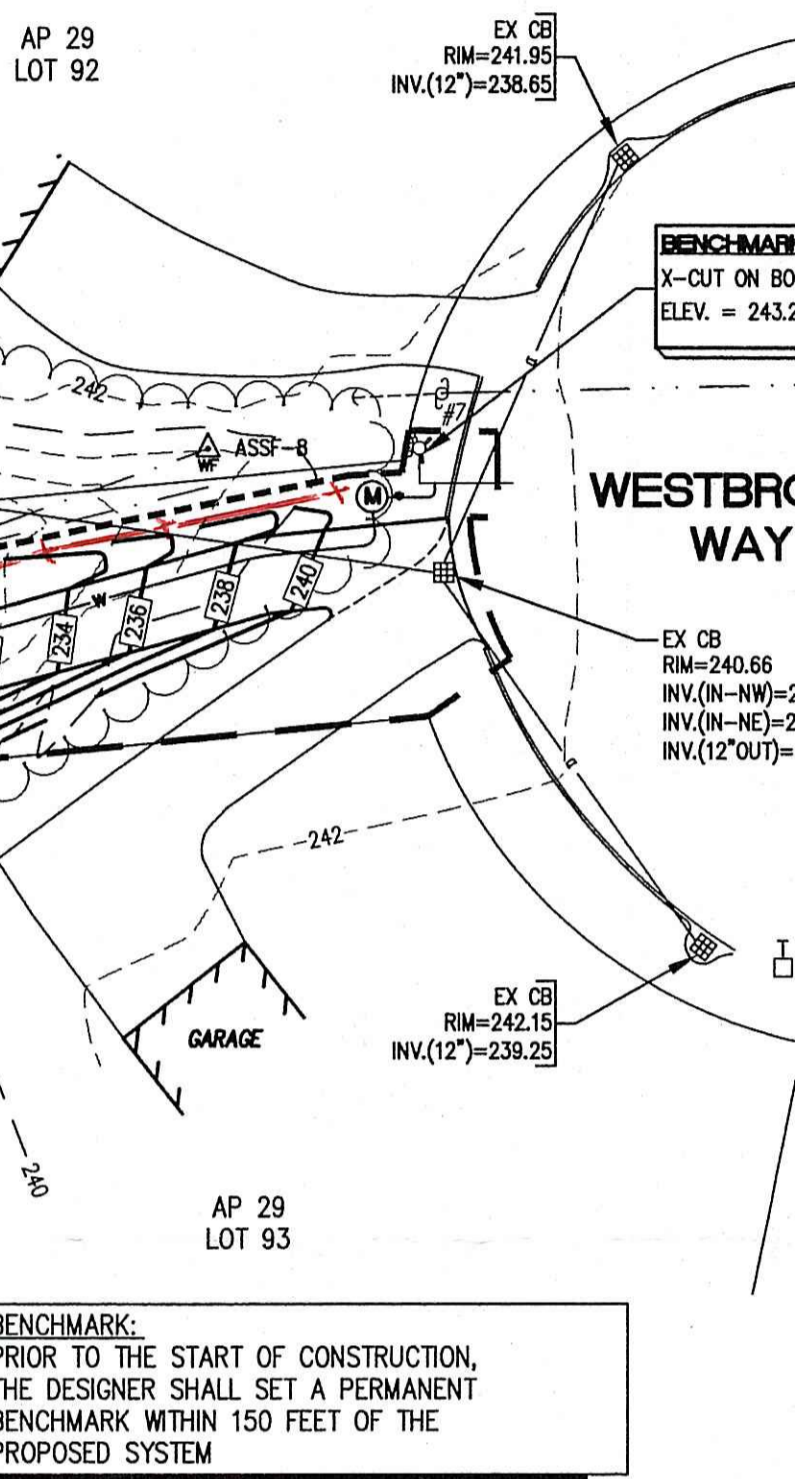
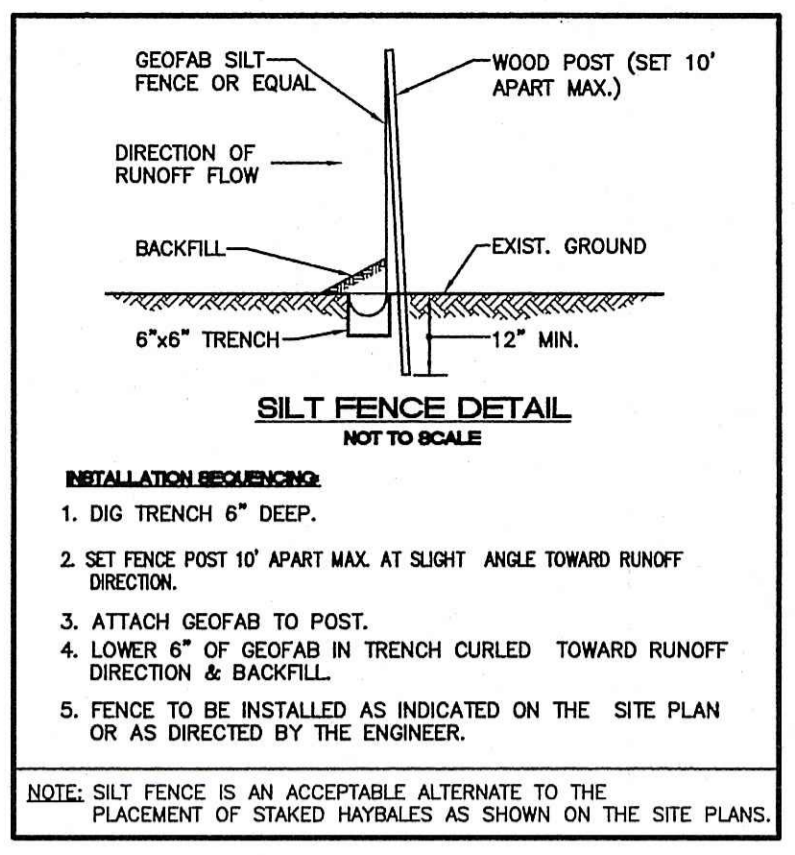


939-OWTS.dwg (DISK: Z-1008)  
© 2009 JOHN P. CATO CORPORATION

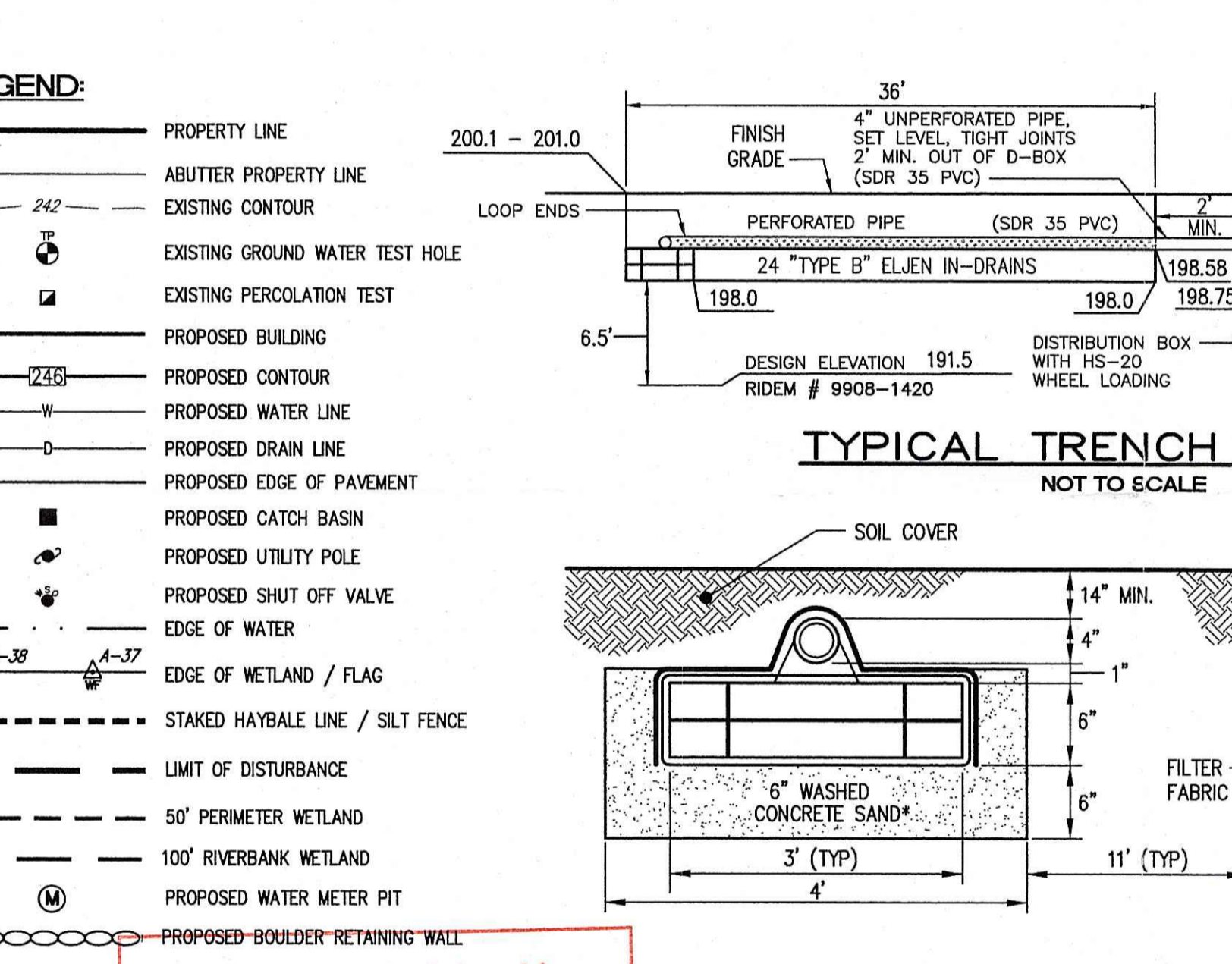
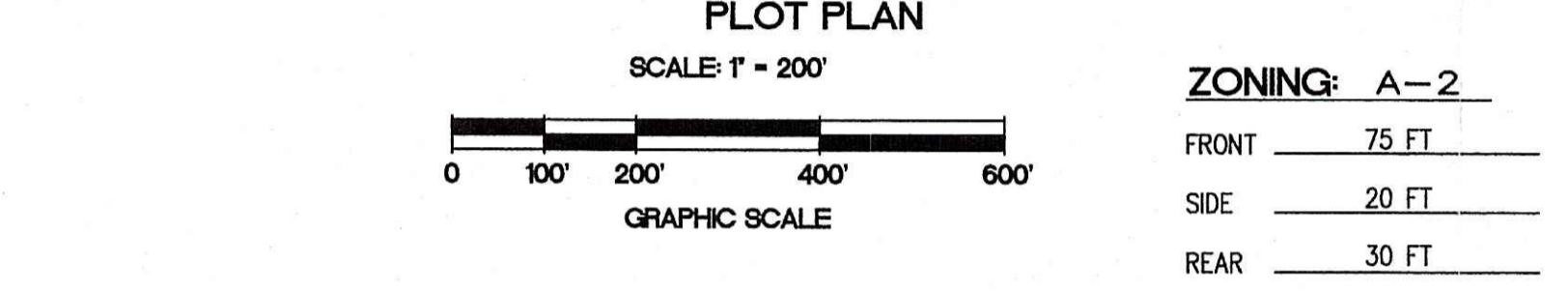
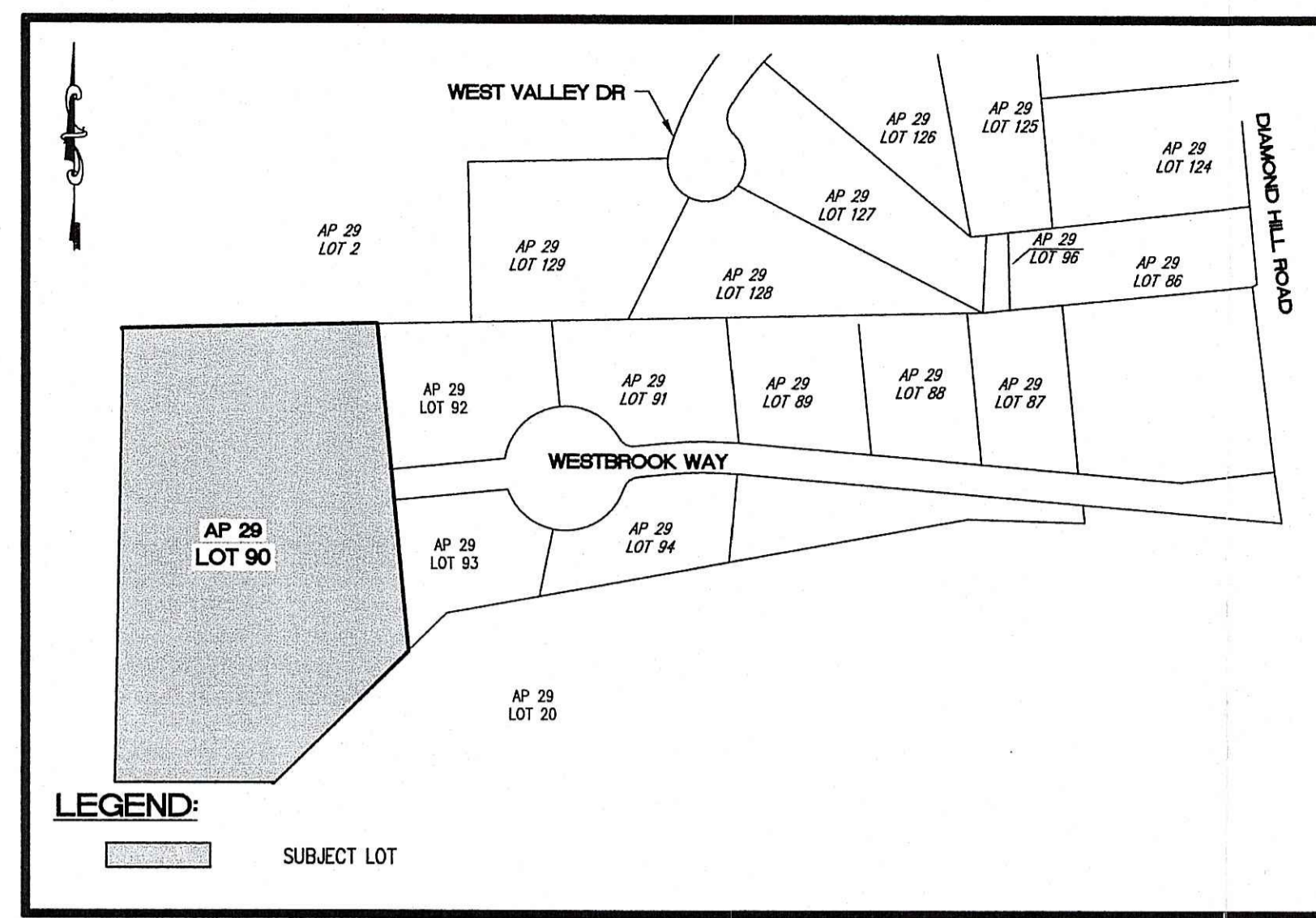


- NOTES:**
- EXISTING CONDITIONS PROVIDED BY ON-GROUND SURVEY BY JOHN P. CATO CORP., FEBRUARY 2007
  - WETLAND FLAGGING WAS VERIFIED BY RIDEM UNDER FILE NUMBER 01-0220, JUNE 2001.
  - GROUNDWATER VERIFIED BY RIDEM UNDER FILE NUMBER 9908-1420
  - PROPERTY LINE PROVIDED IS APPROXIMATE AND SHOULD NOT BE CONSIDERED CLASS I SURVEY
  - TOPOGRAPHY SHOWN IS BASED UPON NGVD 29 DATUM
- GROUND WATER VERIFICATION NO.** 9908-1420  
**SUBDIVISION IDENTIFICATION NO.** N/A
- ONSITE WASTEWATER TREATMENT SYSTEM NOTES:**
- ALL OTHER DESIGN, CONSTRUCTION AND MAINTENANCE REQUIREMENTS, WHETHER NOTED HEREON, OR NOT, SHALL BE IN CONFORMANCE WITH, RULES ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS, JANUARY 1, 2008, BY THE R.I. DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, AUTHORITY: CHAPTER 42-35 PURSUANT TO CHAPTERS 42-17.1, 5-56, 5-56.1, 23-19.5 AND 23-24.3 OF THE RHODE ISLAND GENERAL LAWS OF 1956 AS AMENDED. (OWTS REGULATIONS)
  - COMPLY WITH ANY ADDITIONAL TERMS OF APPROVAL AS MAY BE REQUIRED BY R.I.D.E.M.
  - MAINTAIN INVERT ELEVATION 198.58, FOR 10 FEET AROUND THE SYSTEM.
  - CLEAR ALL TREES, STUMPS, AND BRUSH WITHIN 10 FEET OF THE SYSTEM.
  - THERE SHALL BE NO SUBSURFACE, FOUNDATION, OR STORM DRAINS WITHIN 25 FEET OF THE PROPOSED SYSTEM.
  - COMPLY WITH ANY ADDITIONAL TERMS OF APPROVAL AS MAY BE REQUIRED BY R.I.D.E.M.
  - ALL PIPE SHALL BE SCHEDULE SDR 35 OR EQUIVALENT, 4 INCH DIAMETER UNLESS OTHERWISE NOTED.
  - THE SOIL BETWEEN DISPERSAL TRENCHES SHALL REMAIN UNDISTURBED, THE TRENCH SHALL BE EXCAVATED TO ELEVATION 197.25.
  - THERE ARE NO OTHER KNOWN PUBLIC WELLS, EXISTING OR PROPOSED, WITHIN 500 FEET OF THE PROPOSED SYSTEM, OTHER THAN THOSE SHOWN.
  - THERE ARE NO OTHER KNOWN WELLS, EXISTING OR PROPOSED, WITHIN 200 FEET OF THE PROPOSED O.W.T.S. NOR ARE THERE ANY OTHER O.W.T.S.'S, EXISTING OR PROPOSED, WITHIN 100 FEET OF THE PROPOSED WELL, EXCEPT AS NOTED.
  - THE SEPTIC TANK SHALL HAVE AN INLET TEE OR BAFFLE AND AN OUTLET TEE.
  - THE DISTRIBUTION BOX SHALL HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET.
  - THE SURFACE AREA OVER THE O.W.T.S. SHALL BE GRASSSEED, NO VEHICULAR PARKING OR TRAFFIC SHALL BE ALLOWED OVER THE SYSTEM.

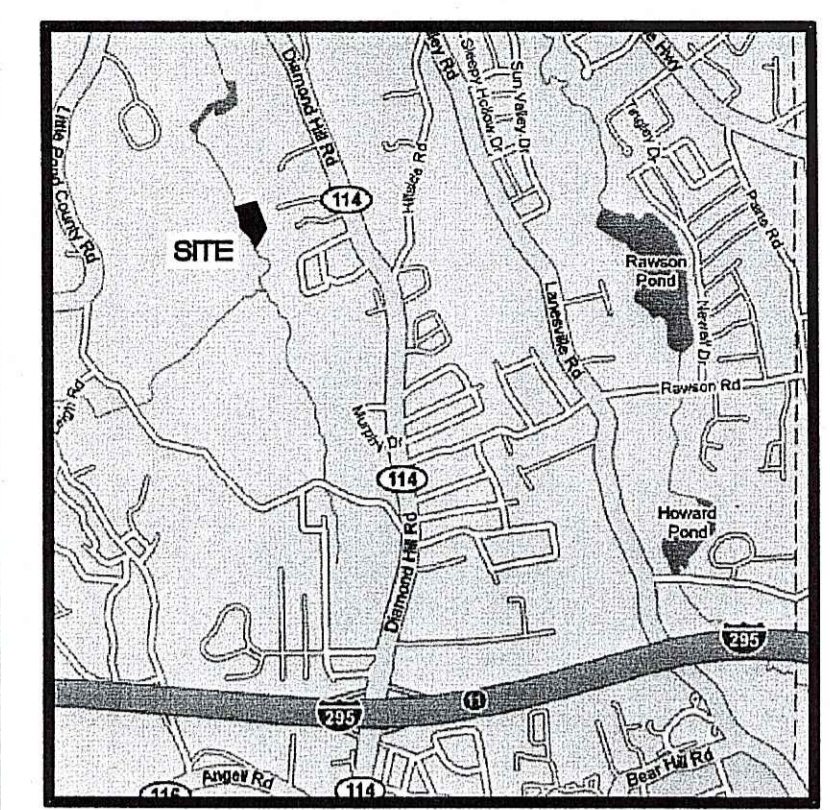
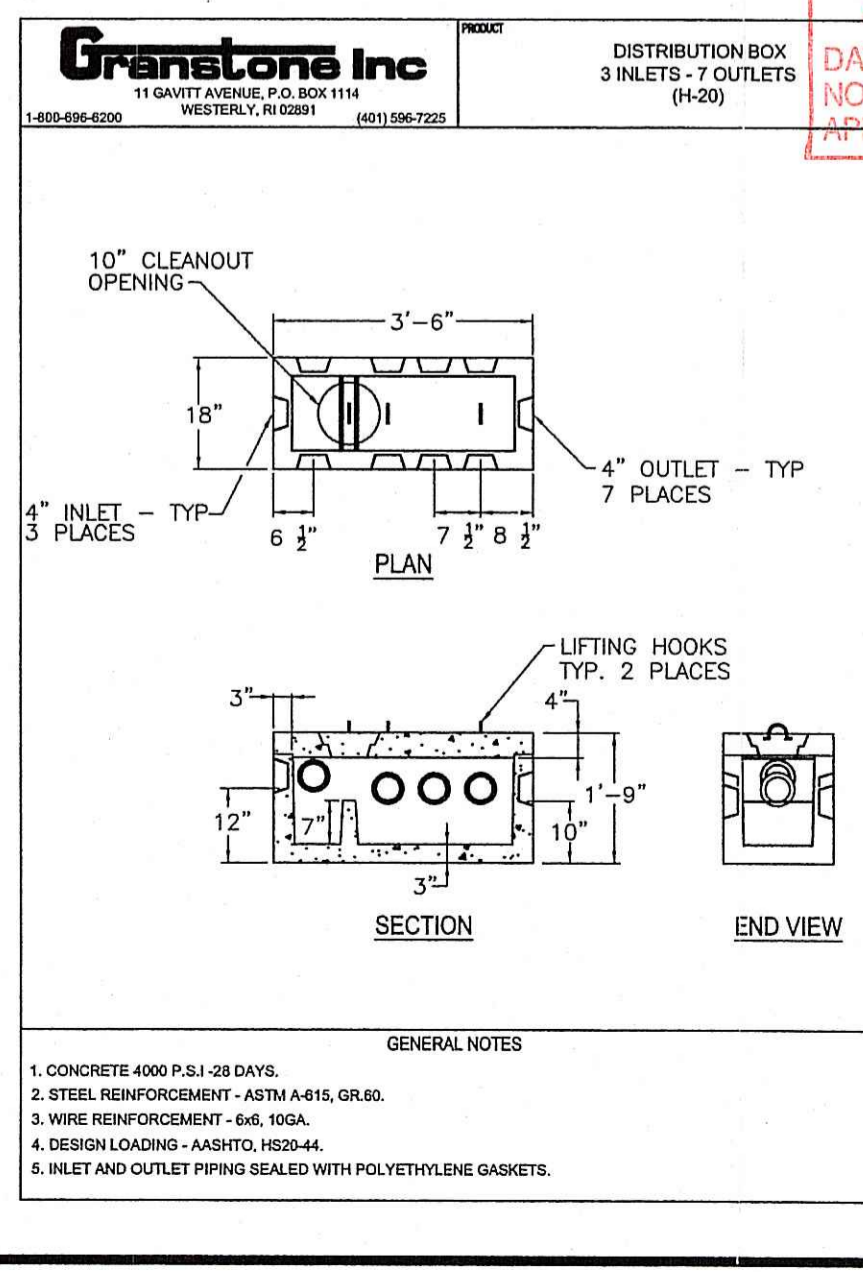
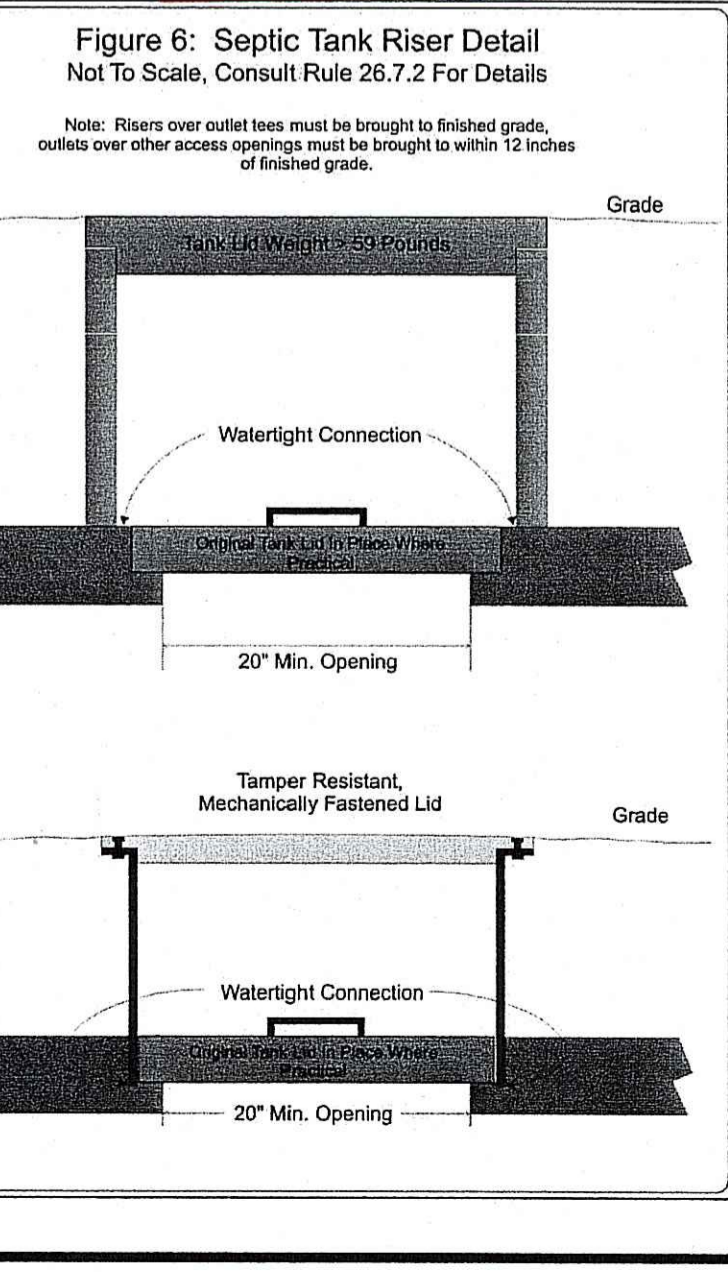


**FILTER STONE CHART**

RIP-RAP	FILTER STONE	DEPTH
R-1	FS-1	6"
R-2	FS-2	6"
R-3	FS-2	6"
R-4	FS-3	7.5"
R-5	FS-3	7.5"
R-6	FS-2 and R-2	6"/ 6"
R-7	FS-3 and R-4	7.5"/ 21"
R-8	FS-3 and R-4	7.5"/ 21"



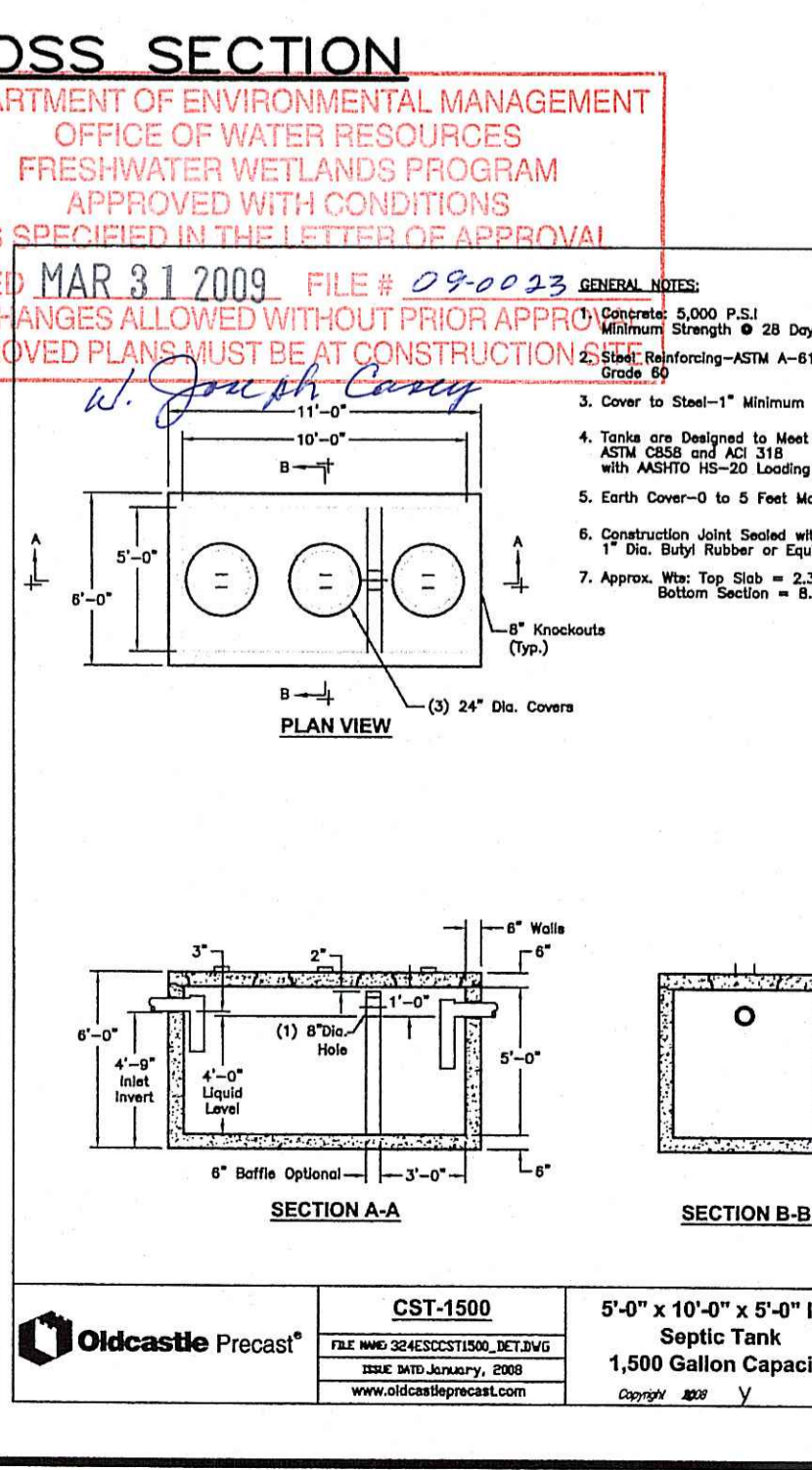
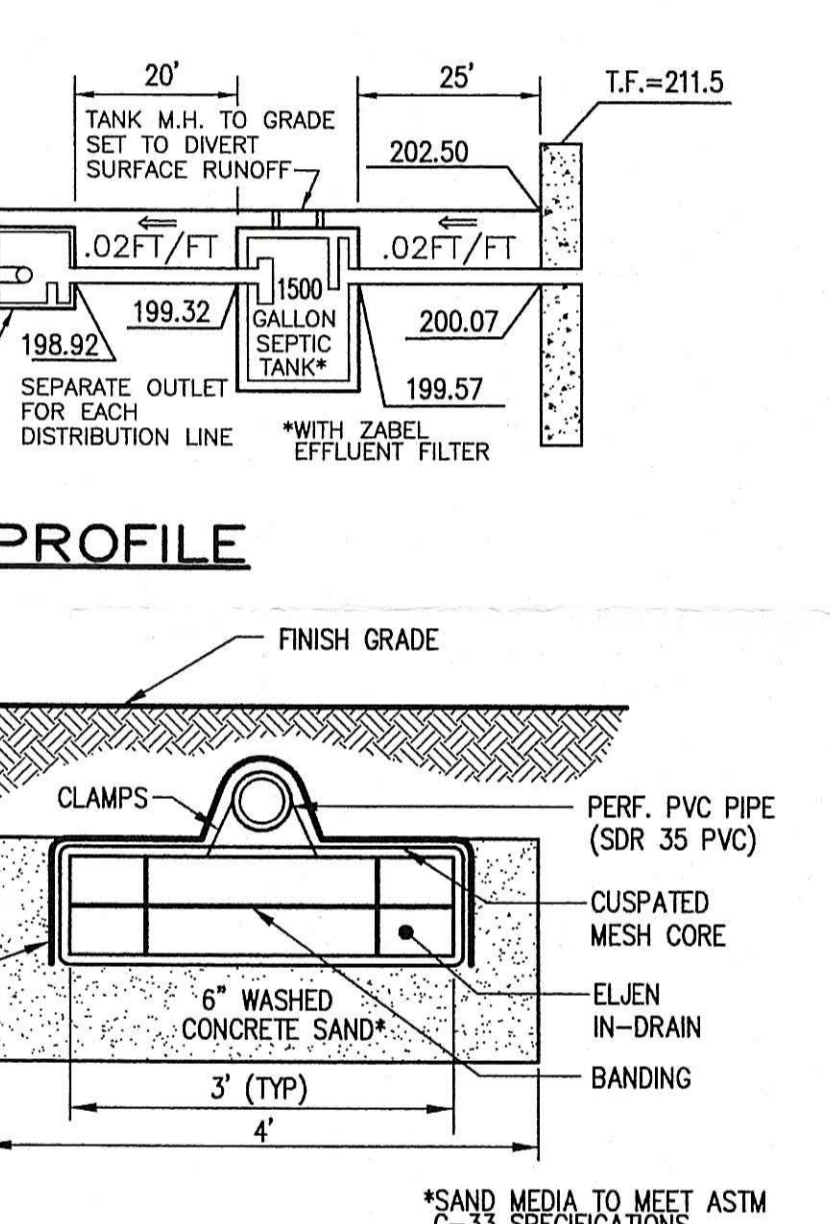
**Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.**



**O.W.T.S. DESIGN DATA**

(4 BEDROOM DWELLING)

115 GALLONS/BEDROOM = 460 GALLONS/DAY  
DESIGN PERCOLATION RATE = 10 MINUTES/INCH  
APPLICATION RATE = 0.7 GAL/S.F./DAY  
AREA REQUIRED = 658 S.F.  
BOTTOM AREA PROVIDED /IN DRAIN = 28 S.F.  
UNITS REQUIRED = 658 S.F./28 S.F./UNIT=23.5  
UNITS PROVIDED = 24 UNITS  
TOTAL AREA PROVIDED = 672 S.F.



**REVISION**

NO.	DATE	DESCRIPTION

**JOHN P. CATO**  
PROFESSIONAL ENGINEER

**CIVIL ENGINEERS**  
141 JAMES P. AUBREY HIGHWAY  
WEST WARWICK, RHODE ISLAND  
02892-5352  
TEL: 401-515-8600  
FAX: 401-515-8606

**LAND PLANNERS**

**PROJECT NO.:** 139.939  
**DATE:** JANUARY, 2009  
**SCALE:** AS NOTED  
**DESIGNED BY:** M.J.V.  
**DRAWN BY:** M.J.V.  
**CHECKED BY:** J.P.C.

**PLAN OF ONSITE WASTEWATER TREATMENT SYSTEM**  
**WESTBROOK WAY**  
**ASSESSOR'S PLAT 29 / LOT 90**  
WESTBROOK WAY  
PREPARED FOR  
**WILLIAM GEDES**

**DRAWING NUMBER**  
**1**  
**SHEET 1 OF 1**