

Locus Map  
N.T.S.

- Legend**
- EXISTING STONE WALL
  - EXISTING CONTOUR
  - ⊙ SOIL EVALUATION TEST HOLE
  - EXISTING UTILITY POLE
  - PROPOSED CONTOUR
  - EXISTING WETLAND EDGE W/FLAG
  - SILT FENCE @ LIMIT OF DISTURBANCE
  - ⊙ PROPOSED WELL
  - PROPOSED WATERLINE

**Zone F-2**

AREA 2 ACRES  
FRONTAGE 300 FT

SETBACKS:  
FRONT 40 FT  
SIDE 15 FT  
REAR 40 FT

**Design Methodology**

- SOIL CATEGORY 7 = 2.8 GAL/SF/DAY LOADING
- SIZE BOTTOMLESS SAND FILTER
- 3 BEDROOMS @ 150 GPD/BEDROOM = 450 GPD
- 450 GPD / 2.8 GAL/SF/DAY = 160.7 SF
- USE A 16.5 FT. X 10 FT. SAND FILTER = 165 SF

**Invert Schedule**

|                                   |            |
|-----------------------------------|------------|
| DESIGN WATER (BSF)                | EL. 96.50  |
| DESIGN LEDGE (BSF)                | EL. 94.33  |
| BUILDING SLAB                     | EL. 106.00 |
| BUILDING INVERT                   | EL. 102.80 |
| TOP OF SEPTIC TANK                | EL. 103.03 |
| SEPTIC TANK INLET                 | EL. 102.20 |
| RECIRCULATING SPLUTTER SEAT VALVE | EL. 103.28 |
| INLET TO ADVANTEX                 | EL. 105.03 |
| TOP OF ADVANTEX                   | EL. 108.03 |
| PUMP CHAMBER INLET                | EL. 97.25  |
| PUMP CHAMBER OUTLET               | EL. 97.75  |
| BOTTOM OF SAND FILTER MEDIA       | EL. 97.50  |
| BOTTOM OF PEA GRAVEL              | EL. 99.50  |
| TERMINAL END SAND FILTER LATERAL  | EL. 99.65  |
| ⊙ FLUSHING VALVE                  | EL. 99.75  |
| BSF PVC MANIFOLD                  | EL. 100.08 |
| TOP PEA GRAVEL                    | EL. 100.08 |

**Pump Chamber Schedule**

|                        |           |
|------------------------|-----------|
| BOTTOM OF PUMP CHAMBER | EL. 93.50 |
| REDUNDANT OFF          | EL. 95.75 |
| PUMP ON                | EL. 98.47 |
| HIGH WATER ALARM       | EL. 98.60 |

**Advantex Schedule**

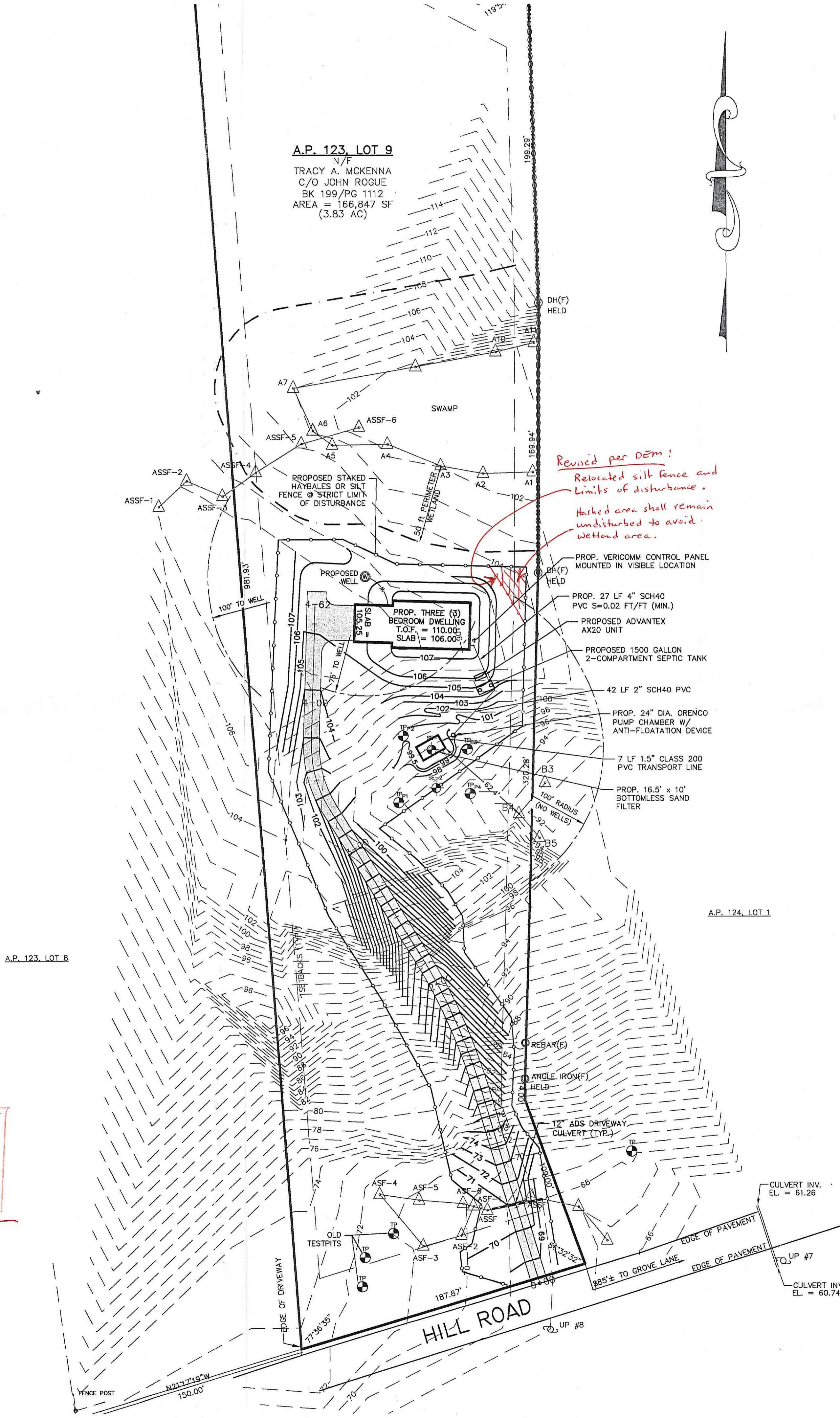
|                         |            |
|-------------------------|------------|
| LOW WATER ALARM         | EL. 101.20 |
| NORMAL LOW LIQUID LEVEL | EL. 101.53 |
| TOP RSV GAGE            | EL. 102.03 |
| OVERRIDE TIMER          | EL. 102.03 |
| HIGH WATER ALARM        | EL. 102.20 |

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED MAY 20 2008 FILE # 08-0012  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

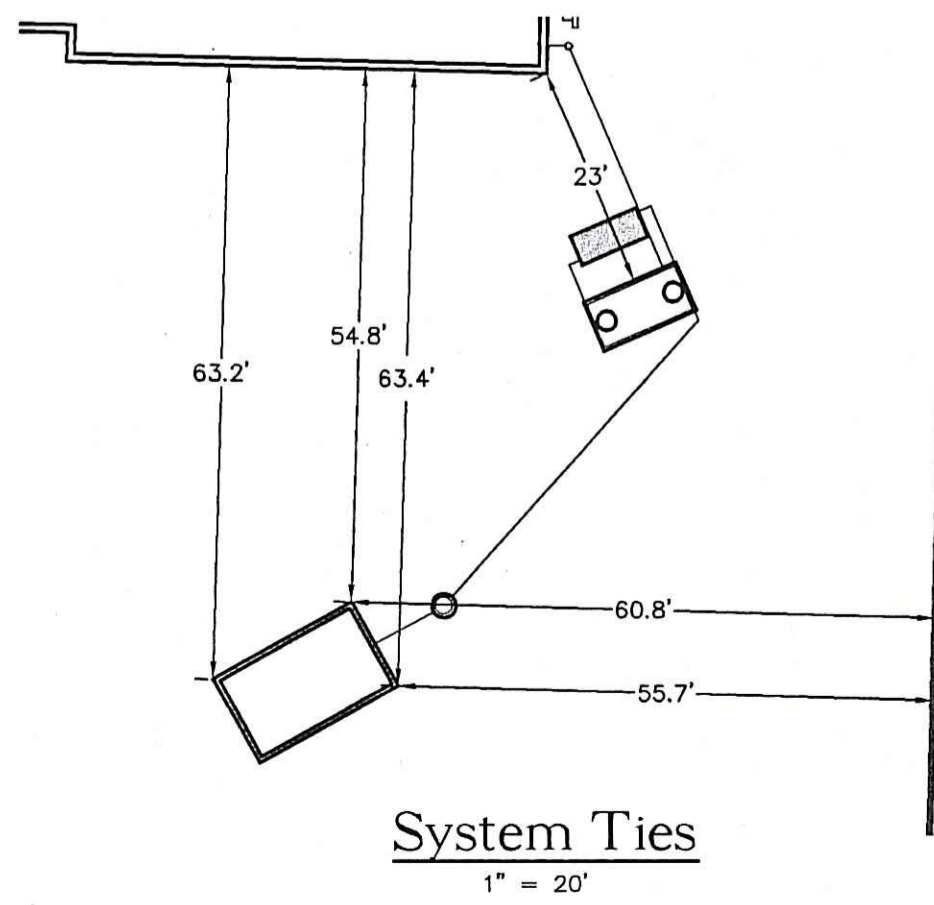
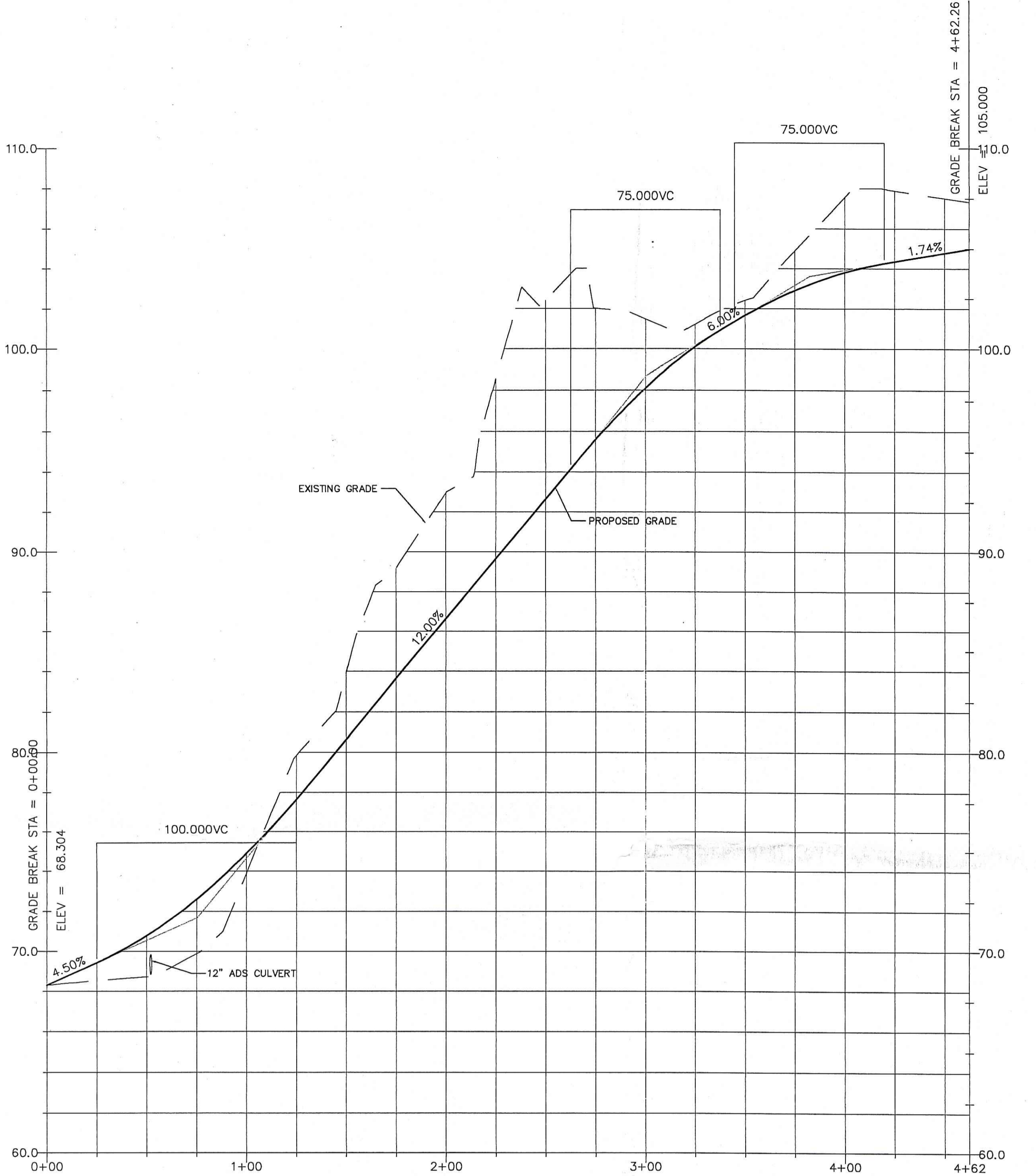
*computer w/venetick*

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

COPYRIGHT © THESE DRAWINGS ARE THE PROPERTY OF THE ENGINEER AND HAVE BEEN PREPARED FOR THE OWNER FOR THIS PROJECT AT THIS SITE AND ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OR ONE OF ITS DIRECTORS.



Revised per DEM!  
Relocated silt fence and  
Limits of disturbance.  
Marked area shall remain  
undisturbed to avoid  
wetland area.



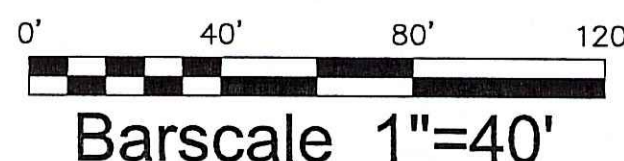
**Best Management Practices:**

- 1) CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES THROUGHOUT CONSTRUCTION AND UNTIL FINAL GROUND COVER IS IN PLACE.
- 2) BEFORE CLEARING AND GRUBBING, EXCAVATION, OR ANY OTHER CONSTRUCTION ACTIVITY MAY START, THE CONTRACTOR SHALL PLACE THE STAKED HAY BALES OR SILT FENCE AS SHOWN ON THE PLANS. THE HAY BALES OR SILT FENCE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION, ESPECIALLY FOLLOWING EACH RAINSTORM, AND SHALL BE REMOVED ONLY WHEN FINAL GROUND COVER IS IN PLACE.
- 3) TEMPORARY TREATMENT SHALL CONSIST OF HAY, STRAW, OR FIBER MULCH. TEMPORARY PROTECTIVE COVERS, SUCH AS A MAT FIBER LINING SHALL BE USED IF NEEDED TO ACHIEVE THE GOAL OF PRECLUDING SOIL EROSION.
- 4) REFERENCE PUBLICATION FOR EROSION AND SEDIMENT CONTROLS SHALL BE THE LATEST EDITION OF THE "RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK".

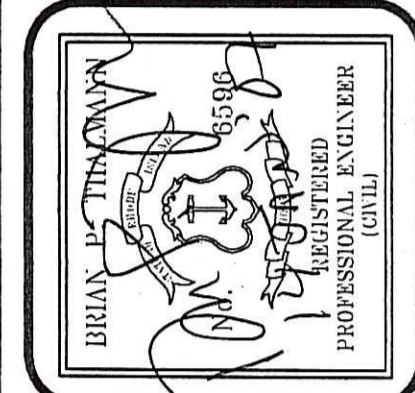
**Reference:**

BASE MAP WAS DEVELOPED FROM A PLAN ENTITLED, "PLAN OF LAND A.P. 123 LOT 9", PREPARED BY SUGRUE & ASSOC., INC. OF NORTH SCITUATE, RI DATED DECEMBER, 2007.

JAN 29 2008



| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
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|     |      |             |    |
|     |      |             |    |



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Site Plan  
**Proposed Single-family Dwelling**  
Lot 9  
Hill Road  
Rhode Island  
Prepared for:  
John Rogue  
Burrillville  
345 Thames Street - Unit 201 Bristol, RI 02809  
date: Dec-2007  
scale: As Noted

Design By: REB  
Checked By: BPT  
Sheet  
**1**  
of 2  
FILE NO.: 07.018

