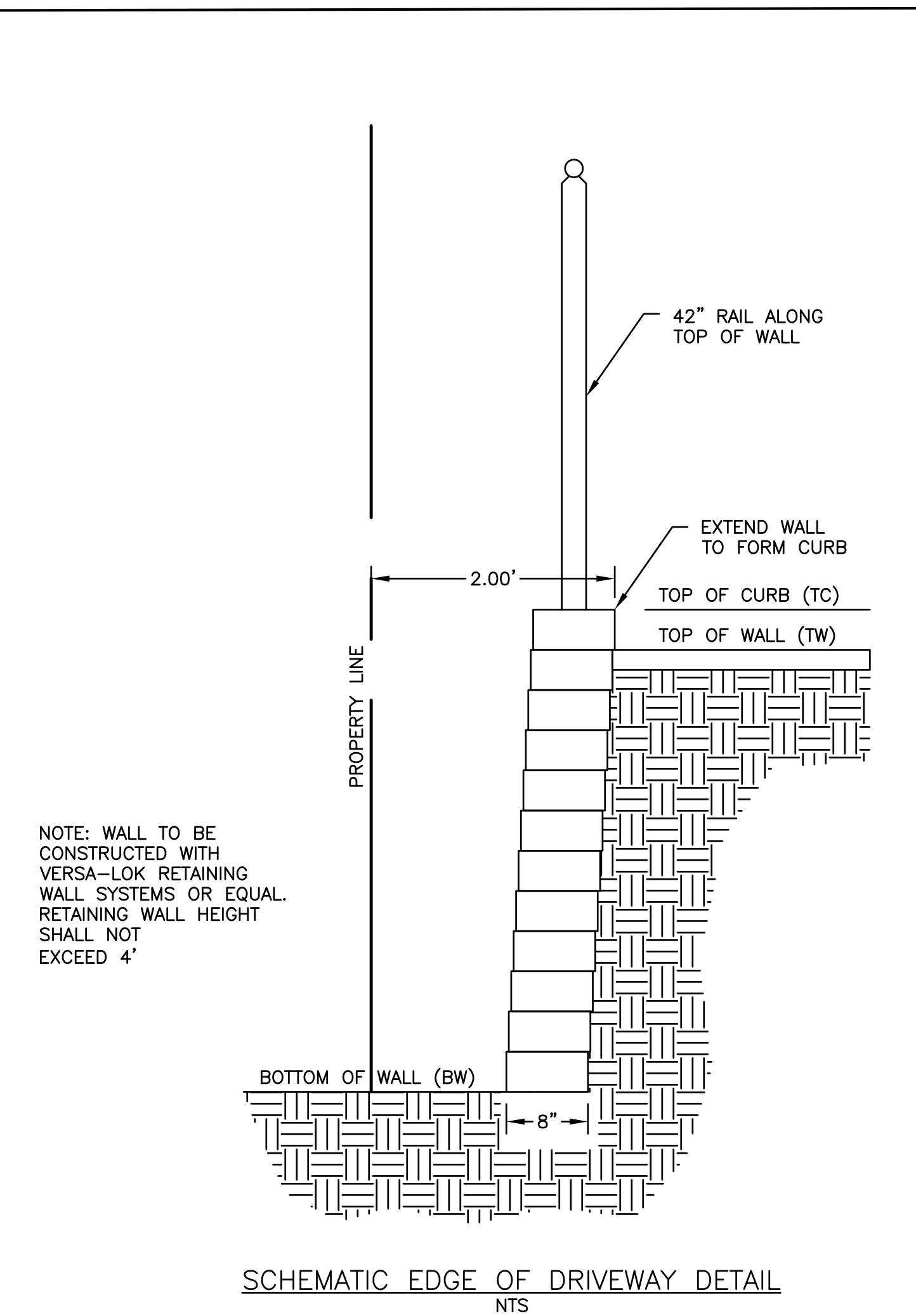


**NOTE:**

1. THE PROPOSED GRADING OF THE LOT ON WHICH THE SEPTIC SYSTEM IS LOCATED SHALL DIVERT SURFACE WATER AWAY FROM DWELLINGS SO AS TO PREVENT STANDING WATER AND SOIL SATURATION DETRIMENTAL TO THE DWELLING AND THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM, AND ANY EXISTING OR PROPOSED SEPTIC SYSTEMS ON ADJACENT LOTS.
2. CONDITIONS WHICH WOULD RESULT IN PROLONGED STANDING WATER, WITHIN THE IMMEDIATE VICINITY OF THE DWELLING OR INDIVIDUAL SEWAGE DISPOSAL SYSTEM IN ANY SEASON IS NOT ACCEPTABLE.
3. THE USE OF INTERCEPTOR DRAINS/TRENCHES/DEVICES SO AS TO DIVERT SURFACE WATER RUNOFF SHALL ONLY BE CONSIDERED WHEN THEY CAN BE TIED INTO A NEW OR EXISTING DRAINAGE SYSTEM.
4. THE STORMWATER DRAINAGE CONTROL ON EVERY LOT SHALL CONFORM WITH THE REQUIREMENTS OF THE RULES AND REGULATIONS RELATIVE TO INSTALLATION AND MAINTENANCE OF STORM DRAINS ADOPTED BY THE TOWN OF TOPSFIELD AND AMENDED FROM TIME TO TIME.

**NOTE:**

1- IF THE LAND SHOWN IS SOLD OR TRANSFERRED BEFORE WORK UNDER THE PERMIT IS COMPLETE, THE PERMIT IS VOID UNTIL SUCH TIME THAT THE NEW OWNER OF RECORD HAS FILED A STATEMENT WITH THE BOARD THAT THE CONDITIONS UNDER WHICH THE PERMIT WAS ISSUED HAVE NOT BEEN ALTERED. IN ALL CASES, ACTUAL CONSTRUCTION MAY NOT COMMENCE UNTIL THE INSTALLER HAS AN APPROVED DWCP AND PAID THE PERMIT FEE.

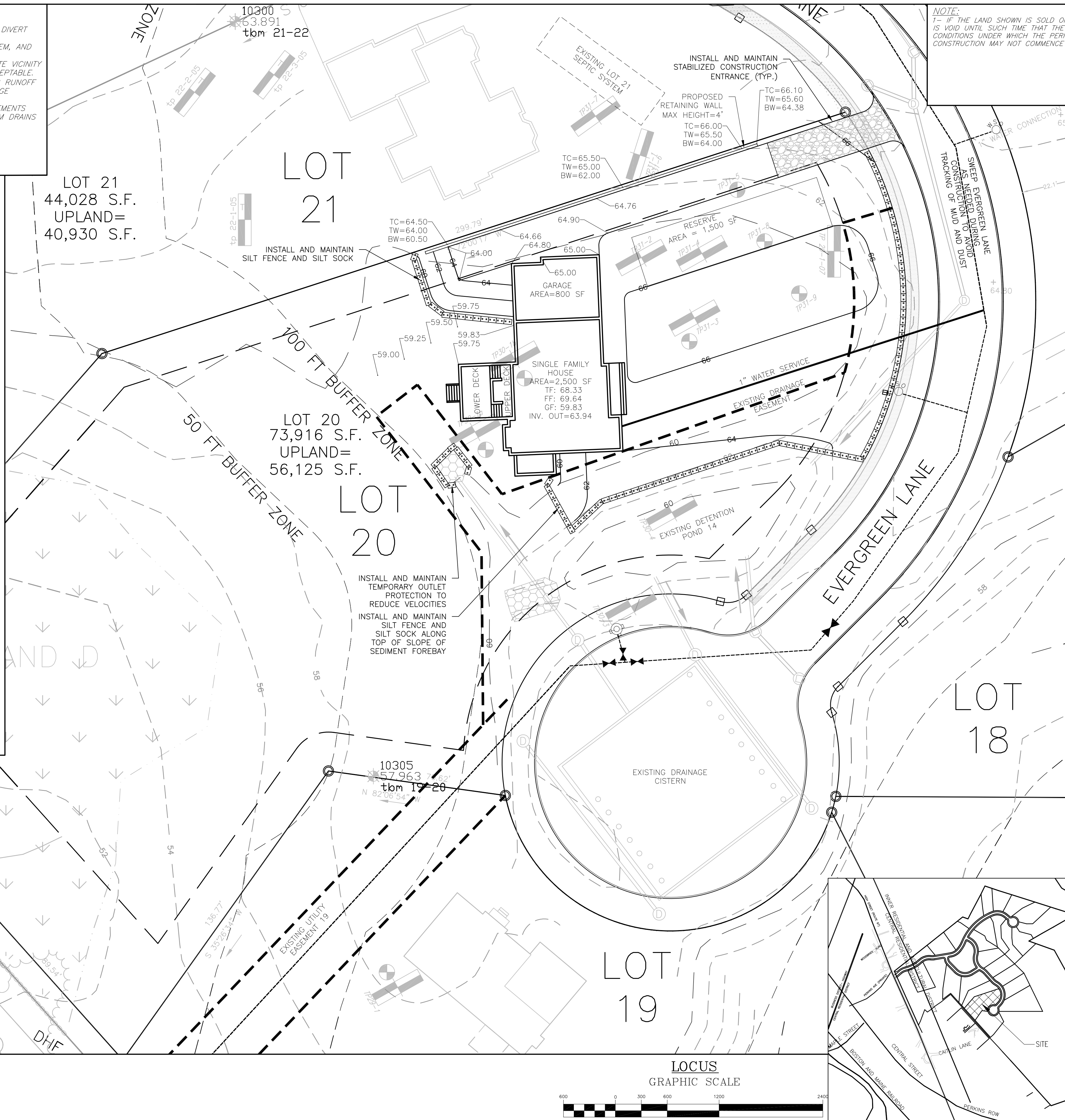


NOTE: WALL TO BE CONSTRUCTED WITH VERSA-LOK RETAINING WALL SYSTEMS OR EQUAL. RETAINING WALL HEIGHT SHALL NOT EXCEED 4'

SCHMATIC EDGE OF DRIVEWAY DETAIL  
NTS

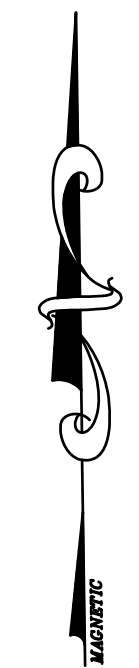
**LEGEND**

- SLAB ON GRADE OR EQUAL
- DRILL HOLE FOUND OR SET (D.H.)
- IRON PIN
- GRANITE BOUND TO BE SET
- PROPERTY LINE
- ABUTTER
- STONE WALL
- EDGE OF PAVEMENT
- WETLAND BOUNDARY
- 100 YEAR FLOOD LINE
- VERNAL POOL
- 100FT / 50FT WETLAND BUFFER
- WOODED AREA
- EXISTING CONTOURS
- PROPOSED CONTOURS
- HYDRANT
- UTILITY POLE
- LIGHT POLE
- TESTPITS, PERC TEST
- EROSION CONTROL
- EASEMENT
- T.F. TOP OF FOUNDATION ELEVATION
- F.F. FIRST FLOOR ELEVATION
- B.F. BASEMENT FLOOR ELEVATION

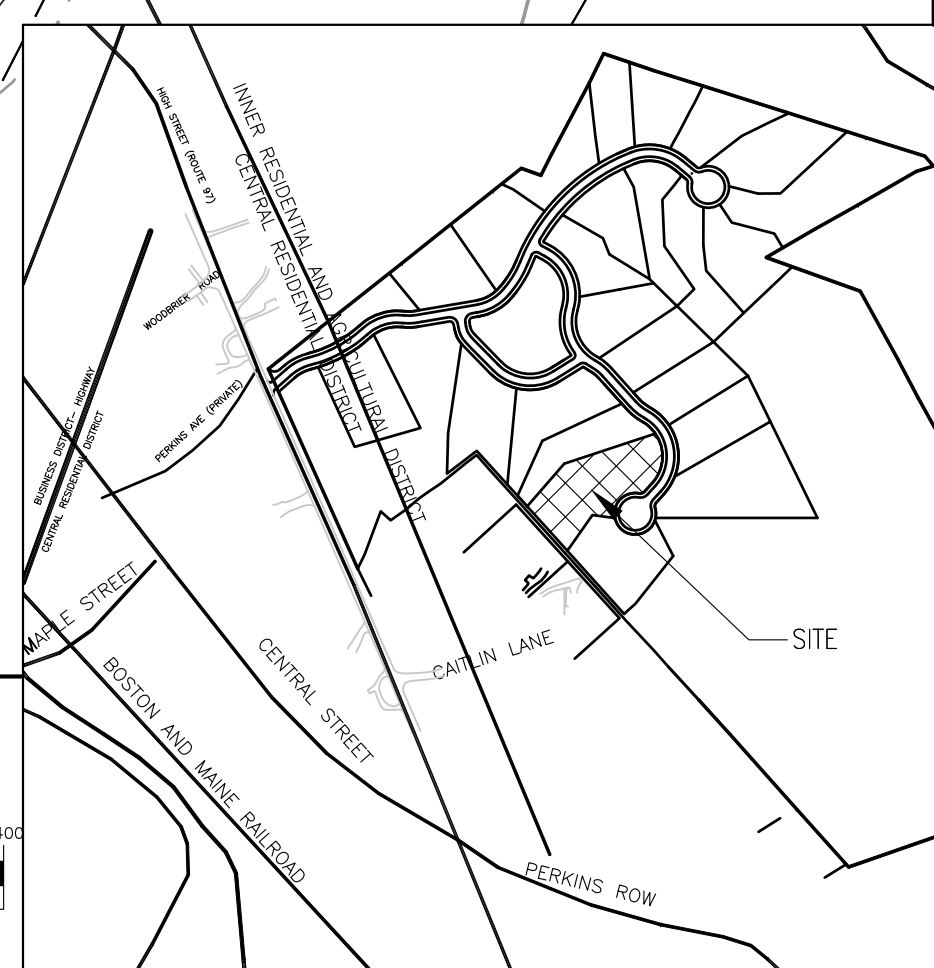
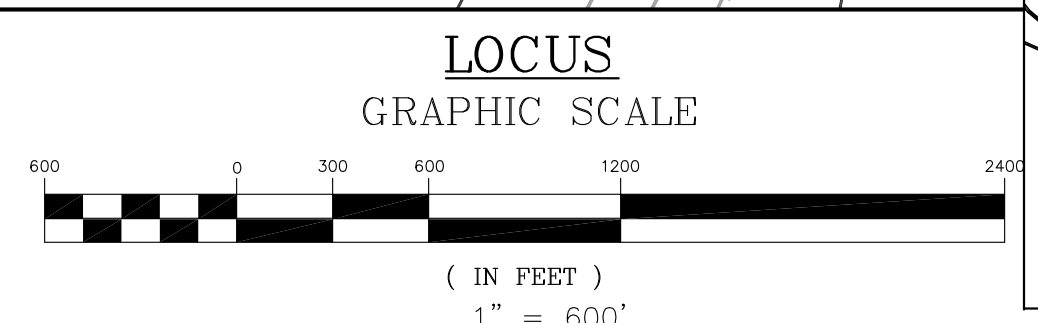
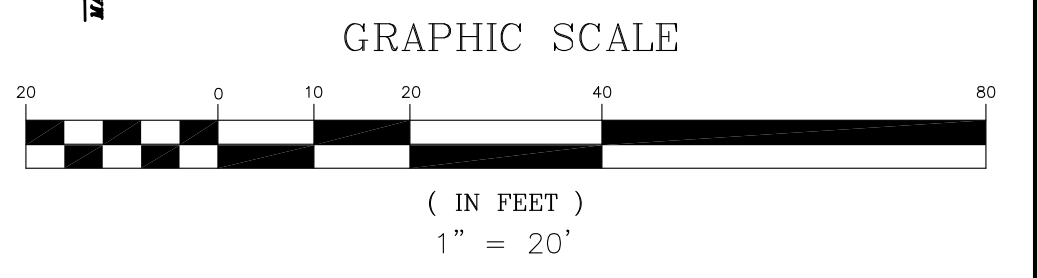


**GENERAL NOTES**

1. Elevations refer to USGS based on GPS measurements. (See Bench Mark located on plot plan.)
2. Finish grading to be done in accordance with plot plan.
3. Tight joint piping to consist of Polyvinyl Chloride Pipe (P.V.C.), Schedule 40, unless otherwise noted.
4. In cases where ledge or boulders are present, Beals Associates, Inc. will not be responsible for assuring the amount of rock to be encountered.
5. Any alterations to the design of this plan must be approved in writing by Beals Associates, Inc.
6. Heavy machinery shall not be permitted to pass over the soil absorption system.
7. No permanent structure may be constructed over the 100% reserve leaching area.
8. Construction within 100 feet of a wetland resource area as defined in the Massachusetts Wetlands Regulations (310 CMR 10.00) shall not be performed until an Order of Conditions or Negative Determination of Applicability has been obtained from the local Conservation Commission.
9. Property lines shall be determined prior to the construction or installation of any of the proposed improvements shown hereon.
10. Beals Associates, Inc. recommends that the contractor contact DIG SAFE at 1-888-DIG-SAFE prior to excavation.
11. All surface water to be diverted away from the dwelling.
12. A 1/2% min. grade shall be maintained for a distance of 10 feet away from the house.



**LOT 20 PLAN VIEW**



Title:  
**STORMWATER MANAGEMENT PLAN  
FOR A 5-BEDROOM DWELLING AT LOT 20  
19 EVERGREEN LANE TOPSFIELD, MA  
BOOK: 29960 PAGE: 039  
Prepared for Owner of Record:  
GEORGE ANNIS  
20 HICKORY LANE  
TOPSFIELD, MA 01983**

Prepared by:  
**BEALS • ASSOCIATES INC.**  
**2 THIRTEENTH STREET  
CHARLESTOWN, MASSACHUSETTS 02114  
617 742-3554  
617 742-0310**

DATE: August 21, 2015 SCALE: AS SHOWN  
DESIGNED BY: TRG CHECKED BY: TPM DRAWN BY: TRG  
REVISIONS: DATE:  
PROJECT NUMBER: C-407.20 SHEET NUMBER: 1-2