

**LEGEND OF SYMBOLS & ABBREVIATIONS:**

- 100.0 EXIST. SPOT ELEVATION
- 100 EXIST. CONTOUR
- (100.0) PROP. SPOT ELEVATIONS
- PROP. CONTOURS
- PROP. WATER SUPPLY LINE
- MW PROP. INSPECTION PORT/MONITORING WELL
- TEST HOLE
- PERC TEST
- ⊕ DRAIN MANHOLE
- ⊙ CATCH BASIN
- ⊗ WATER SUPPLY WELL

**BENCHMARK REFERENCE DATUM: NGVD**  
 TOP OF TACK IN STREET. ELEV.=54.16'  
 RIGHT OUTER CORNER BOTTOM BRICK STEP. ELEV.=63.14'

**LOCUS MAP**  
SCALE: 1"=100'

Prepared By: **Hayes Engineering, Inc.**  
 603 Salem Street  
 Waverfield, MA 01880  
 Ph: 781.246.2800  
 Fax: 781.246.7586  
 www.hayeseng.com

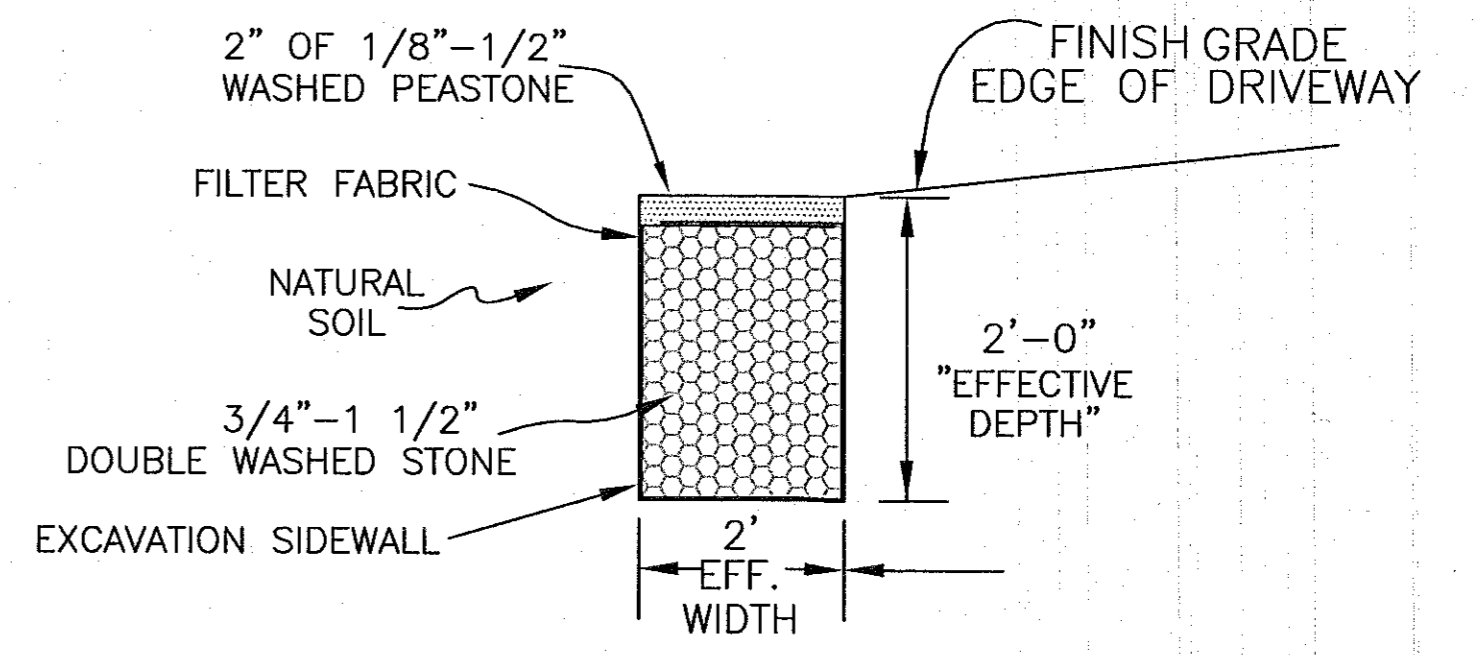
Design By: gr  
 Drawn By: gr  
 Checked By: pjo  
 Project File: TOP-0314A  
 Comp. No: TOP133  
 Issued For Permit  
 Issued For Review  
 Issued For Bid  
 Issued For Construction  
 Not For Construction

NO CHANGES ARE TO BE MADE IN THE FIELD WITHOUT THE APPROVAL OF THE TOPSFIELD BOARD OF HEALTH AND THE DESIGN ENGINEER.

THIS PLAN IS DESIGNED IN CONFORMANCE WITH THE 310 CMR 15:00 (TITLE 5) AND THE TOPSFIELD BOARD OF HEALTH SUPPLEMENTAL REGULATIONS TO 310 CMR 15:00

TOPOGRAPHIC FEATURES FROM ACTUAL FIELD SURVEY BY HAYES ENGINEERING, INC. AND TOWN OF TOPSFIELD AERIAL PHOTOGRAPHS BY JAMES W. SEWALL COMPANY DATED APRIL 1997

THERE ARE NO WETLANDS WITHIN 100 FEET OF PROPOSED LEACH FIELD.  
 THERE ARE NO WELLS WITHIN 100 FEET OF PROPOSED LEACH FIELD.  
 THERE ARE NO WATER SUPPLY TRIBUTARIES WITHIN 200 FEET OF PROPOSED LEACH FIELD.  
 THERE ARE NO PUBLIC WATER SUPPLIES WITHIN 400 FEET OF PROPOSED LEACH FIELD.  
 THERE ARE NO RESERVOIRS WITHIN 400 FEET OF PROPOSED LEACH FIELD.  
 LOT LINES TAKEN FROM PLAN BY HAYES ENGINEERING INC. DATED DECEMBER 16, 2013 FILED IN ESSEX SOUTH REGISTRY OF DEEDS IN PLAN BOOK 441 PLAN 65



**LEACHING TRENCH DETAIL**  
(NOT TO SCALE)

AREA OF DISTURBANCE  
7312 S.F.

Prepared For: Michael McNiff & Sons, Beverly, MA.  
 Owner: Rosamond Finocchio, 2 Perkins Row, Beverly, MA 01983, A=69,664 S.F.

Prepared By: **Hayes Engineering, Inc.**  
 603 Salem Street  
 Waverfield, MA 01880  
 Ph: 781.246.2800  
 Fax: 781.246.7586  
 www.hayeseng.com

Design By: gr  
 Drawn By: gr  
 Checked By: pjo  
 Project File: TOP-0314A  
 Comp. No: TOP133  
 Issued For Permit  
 Issued For Review  
 Issued For Bid  
 Issued For Construction  
 Not For Construction

No.	Revision	Date
10		
9		
8		
7		
6		
5		
4		
3	Storm water detail	9-15-2014
2	Revised house size	7-28-2014
1	New wetland flags	5-12-2014

Scale: 1"=20'  
 0' 10' 20' 40'

Date: April 22, 2014

Drawing Title: **Storm Water Drain Plan #142 High Street Map 58 Parcel 16 Topsfield, Mass. 01983**

Drawing No.: **PL**

SHEET 1 OF 1