



# SEPTIC SYSTEM NOTES - LOT 8A

3 BEDROOM HOUSE  
PERCOLATION RATE: 3.2 MIN./INCH  
EFFECTIVE LEACHING AREA REQUIRED = 495 SF  
DEPTH TO RESTRICTIVE LAYER = 78" (ASSUMED)  
MLSS: N/A  
USE 12" HIGH CONCRETE LEACHING GALLERIES  
MAXIMUM DEPTH INTO GRADE: 30" (48" ABOVE BOTTOM OF TEST PIT)  
EFFECTIVE LEACHING AREA OF TRENCH = 5.9 SF/LF  
LENGTH OF TRENCH REQUIRED = (495 SF)/(5.9 SF/LF) = 84 LF  
LEACHING AREA PROVIDED = 519.2 SF  
SEPTIC TANK: 1000 GALLON  
RESERVE: ELGEN MANTIS 536-8 LEACHING UNITS

N/F  
WESCOTT ROAD KILLINGLY, LLC  
VOL. 1316, PG. 61

N/F  
STATE OF CONNECTICUT  
VOL. 801, PG. 408

TETREAULT POND

WESTCOTT ROAD

ROAD

PROPOSED SEPTIC SYSTEM  
12" LEACHING GALLERIES  
W/ CONNECTED ENDS  
LEVEL SYSTEM  
MAX. 30" INTO GRADE  
519 S.F. LEACHING AREA

INSTALL ANTI-TRACKING PAD  
DURING CONSTRUCTION

R = 1121.01'  
L = 65'±

## TEST PIT DATA

SOIL TESTING PERFORMED 7/8/2021 BY NDDH

## TEST PIT 1

0-10" TOPSOIL/FILL/PUSHED MATERIAL  
10-21" MEDIUM SAND  
21-78" MOIST FINE SAND w/ SILT  
NO MOTTLING  
NO WATER  
NO LEDGE  
RESTRICTIVE LAYER AT 78" (PIT BOTTOM)

## TEST PIT 2

0-12" TOPSOIL/FILL/PUSHED MATERIAL  
12-26" MEDIUM SAND  
26-78" MOIST FINE SAND w/ SILT  
NO MOTTLING  
NO WATER  
NO LEDGE  
RESTRICTIVE LAYER AT 78" (PIT BOTTOM)

## TEST PIT R-1

0-8" TOPSOIL/PUSHED MATERIAL  
8-29" MED. SAND w/ SOME GRAVEL  
29-66" SAND TO FINE SAND  
NO MOTTLING  
NO WATER  
NO LEDGE  
RESTRICTIVE LAYER AT 66" (PIT BOTTOM)

## PERCOLATION TEST DATA

### PERC A

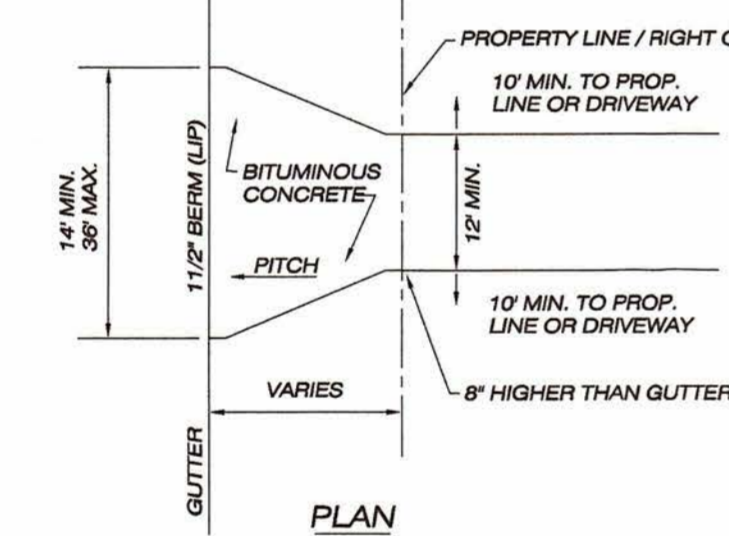
TIME	READING
11:15	8.25"
11:17	12.5"
11:19	16.375"
11:21	18.25"
11:23	19.5"

PERCOLATION RATE: 3.2 MIN./INCH

### PERC B

TIME	READING
11:39	6.375"
11:41	13.125"
11:43	16.25"
11:45	18.875"
11:48	20.875"
11:50	22.0"

PERCOLATION RATE: 1.7 MIN./INCH



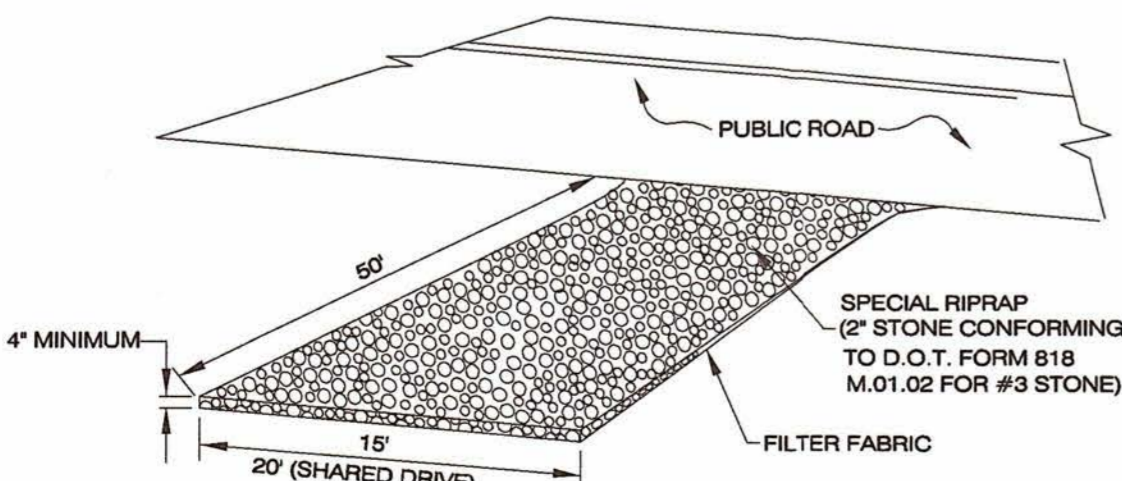
LAND BELOW ROAD  
(SECTION)

## STANDARD DRIVEWAY DETAIL

NOT TO SCALE

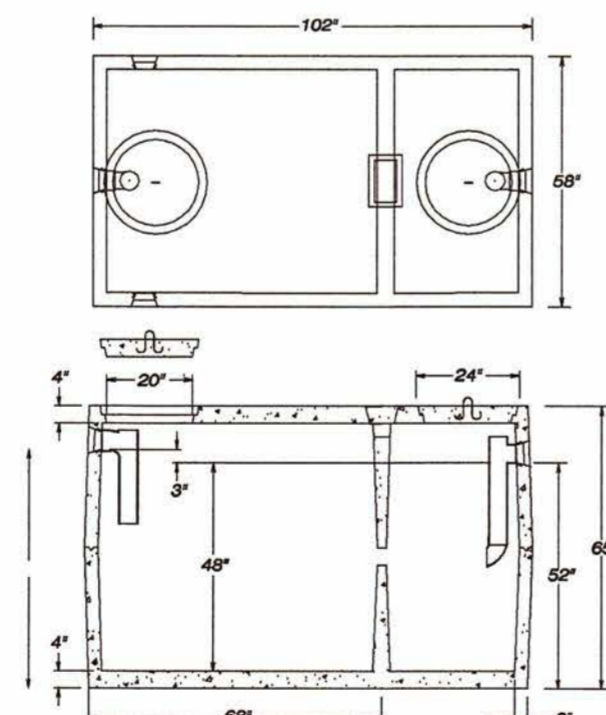
### NOTES:

1. THE ABOVE DETAIL IS ILLUSTRATIVE ONLY AND DOES NOT APPLY TO EVERY SITUATION. REVIEW YOUR DRIVEWAY PERMIT FOR YOUR SPECIFIC REQUIREMENTS.
2. DRIVEWAYS IN EXCESS OF 10% GRADE SHALL BE PAVED WITH BITUMINOUS CONCRETE.



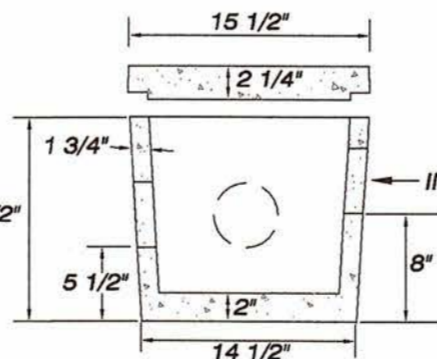
## ANTI-TRACKING PAD

NOT TO SCALE

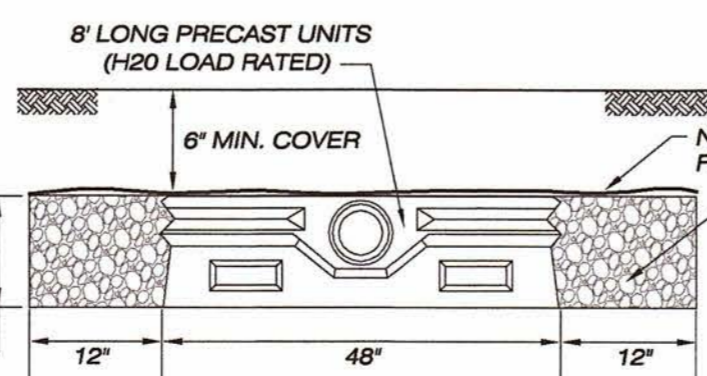


1. JOINTS TO BE SEALED WITH BUTYL RUBBER SEALANT.
2. INLETS AND OUTLETS TO HAVE STATE-APPROVED SEALS.
3. USE 8" HEAVY DUTY TOP IF SPECIFIED.
4. MUST MEET ASTM C 1207-20A.
5. CONCRETE STRENGTH SHALL BE 5000 PSI MIN. 28 DAYS.

1000 GALLON  
TWO-COMPARTMENT SEPTIC TANK  
N.T.S.



DISTRIBUTION BOX  
N.T.S.



## FLOWDIFFUSER LEACHING TRENCH SECTION

N.T.S.

## LEGEND

- STONE WALL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- TEST PIT
- EROSION CONTROL BARRIER

## CONSTRUCTION SEQUENCE

1. CUT TREES AND CLEAR BRUSH WHERE NECESSARY.
2. INSTALLATION OF SEDIMENT BARRIERS AS SHOWN ON THE PLAN.
3. CLEARING AND GRUBBING AS REQUIRED.
4. STRIP AND STOCKPILE TOPSOIL WITHIN LIMITS OF DISTURBED AREA AND RING WITH HAY BALES OR SILT FENCE.
5. CONSTRUCTION ACTIVITIES.
6. FINAL GRADING AND LANDSCAPING.

## SILT FENCE DETAIL

NOT TO SCALE

N/F  
DOROTHY ROBERTS  
VOL. 819, PG. 67

## CONSTRUCTION SEQUENCE

1. CUT TREES AND CLEAR BRUSH WHERE NECESSARY.
2. INSTALLATION OF SEDIMENT BARRIERS AS SHOWN ON THE PLAN.
3. CLEARING AND GRUBBING AS REQUIRED.
4. STRIP AND STOCKPILE TOPSOIL WITHIN LIMITS OF DISTURBED AREA AND RING WITH HAY BALES OR SILT FENCE.
5. CONSTRUCTION ACTIVITIES.
6. FINAL GRADING AND LANDSCAPING.

## LOCATION MAP

1" = 1000'

## NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A GENERAL LOCATION SURVEY BASED ON A DEPENDENT RESERVE SURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS C. TOPOGRAPHIC FEATURES WERE TAKEN FROM THE KILLINGLY GIS AND CONFORM TO TOPOGRAPHIC ACCURACY CLASS T-D. THIS MAP HAS BEEN PREPARED FROM OTHER MAPS, RECORD RESEARCH, LIMITED FIELD MEASUREMENTS AND OTHER SOURCES. IT IS NOT TO BE CONSTRUED AS A PROPERTY/BOUNDARY OR LIMITED PROPERTY/BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE.
2. REFERENCE IS MADE TO THE FOLLOWING MAP:  
"PERIMETER SURVEY - MAP OF PROPOSED LOT SPLIT PREPARED FOR CLIFFORD R. LAROSE - HALLS HILL ROAD, KILLINGLY, CONNECTICUT - DATE: AUGUST 2021 - SCALE: 1"=40' - BY: PC SURVEY ASSOCIATES, LLC"
3. DEED REFERENCE: VOL. 1327, PG. 564 OF THE KILLINGLY LAND RECORDS.
4. SUBJECT PARCELS ARE SHOWN AS MAP 218, LOT 8 OF THE TOWN OF KILLINGLY ASSESSOR'S MAPS.
5. ZONING DISTRICT: RURAL DEVELOPMENT
6. THE EXISTING SEPTIC SYSTEM LOCATION IS BASED ON INFORMATION SUPPLIED BY THE PROPERTY OWNER.
7. BUILDING SETBACK DIMENSIONS SHOWN WITH \* ARE EXISTING NON-CONFORMING SETBACKS.
8. WETLANDS WERE FIELD DELINEATED BY JOSEPH R. THEROUX, CPSS, MAY 2021.

## SOIL EROSION CONTROL

### OPERATIONS AND MAINTENANCE

1. ALL PROPOSED WORK SHALL CONFORM TO 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL BY THE CONNECTICUT COUNCIL OF SOIL AND WATER CONSERVATION AND TOWN REGULATIONS.
2. THE CONTRACTOR SHALL PLAN ALL LAND DISTURBING ACTIVITIES IN A MANNER AS TO MINIMIZE THE EXTENT OF DISTURBED AREAS.
3. PRIOR TO CONSTRUCTION OR EXCAVATION, SEDIMENT BARRIERS SHALL BE INSTALLED IN LOCATIONS AS SHOWN ON THE PLAN OR AS REQUIRED BY THE TOWN AND MAINTAINED THROUGHOUT CONSTRUCTION.
4. DAILY INSPECTIONS SHALL BE MADE OF EROSION AND SEDIMENT CONTROL MEASURES TO INSURE EFFECTIVENESS AND IMMEDIATE CORRECTIVE ACTION SHALL BE TAKEN IF FAILURE OCCURS.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN STABILIZED AND VEGETATIVE COVER HAS BEEN ESTABLISHED.
6. DISTURBED AREAS SHALL BE FINAL GRADED AS SOON AS POSSIBLE AFTER EXCAVATION. FINAL GRADING SHALL INCLUDE REMOVAL OF LARGE ROCKS, STUMPS AND OTHER DEBRIS FROM THE FINISHED SURFACE. UPON FINAL GRADING, DISTURBED AREAS SHALL BE LOAMED AND SEEDING WITH PERENNIAL FINE TEXTURED GRASSES. IMMEDIATELY AFTER SEEDING, MULCH THE SEEDING AREA WITH HAY OR STRAW.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THIS EROSION AND SEDIMENT CONTROL PLAN.

## GENERAL LOCATION SURVEY

### LOT DEVELOPMENT PLAN

LOT 8A

PREPARED FOR

CLIFFORD R. LAROSE

HALLS HILL ROAD

KILLINGLY, CONNECTICUT

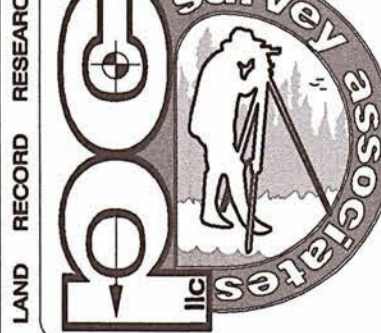
DATE: AUGUST 2021

SCALE: 1" = 40'

JOB NO: 21019 F.B. NO: 227 DRAWN BY: P.A.T. MAP NO:

## SURVEYING • MAPPING • PLOT PLANS

PC SURVEY ASSOCIATES



email: pcosurvey@gmail.net

63 SNAKE MEADOW RD

KILLINGLY, CT 06239

860 774 6230

SHEET NO: 1 OF 1

REVISED:

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.S. NO. 70155

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.