

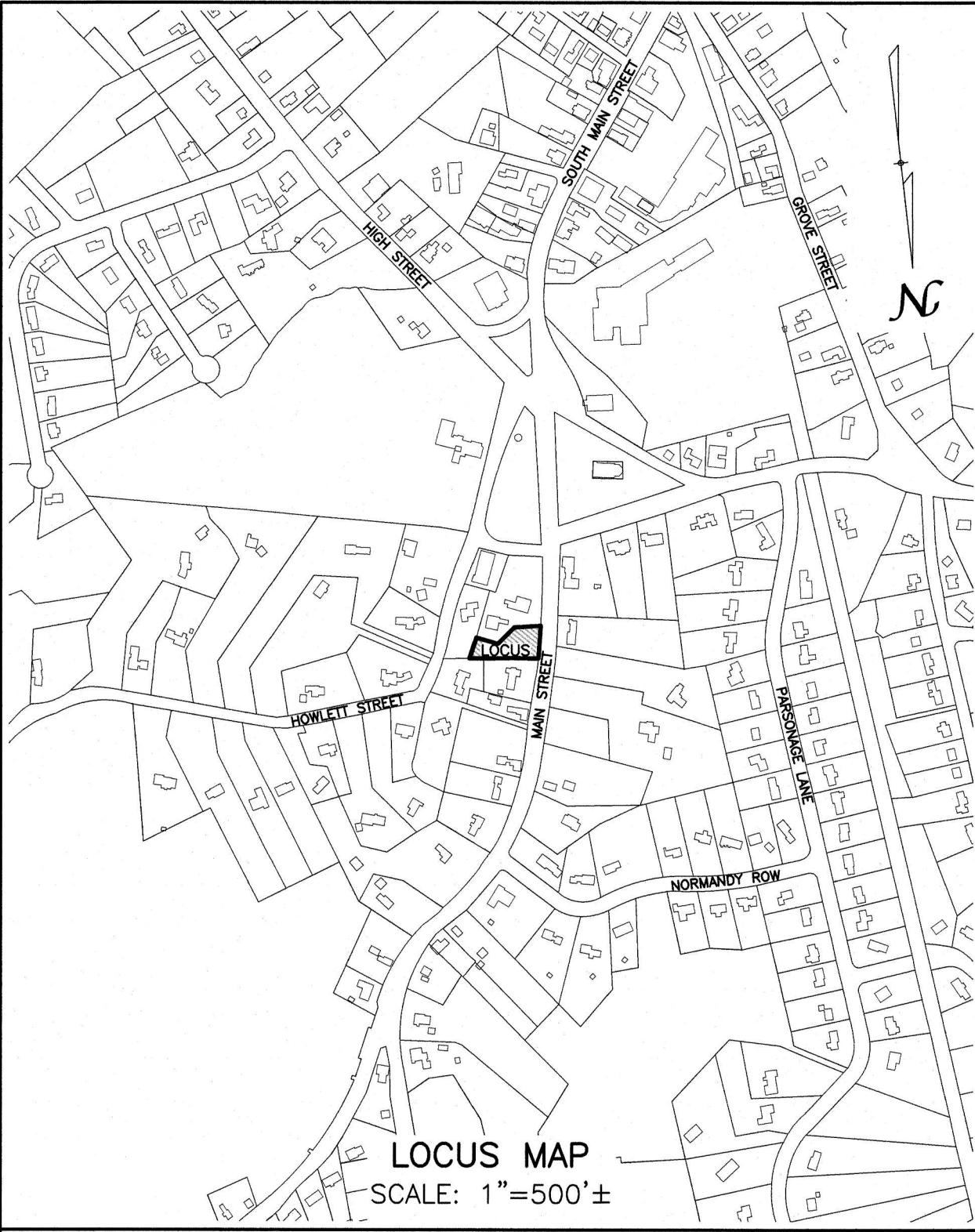
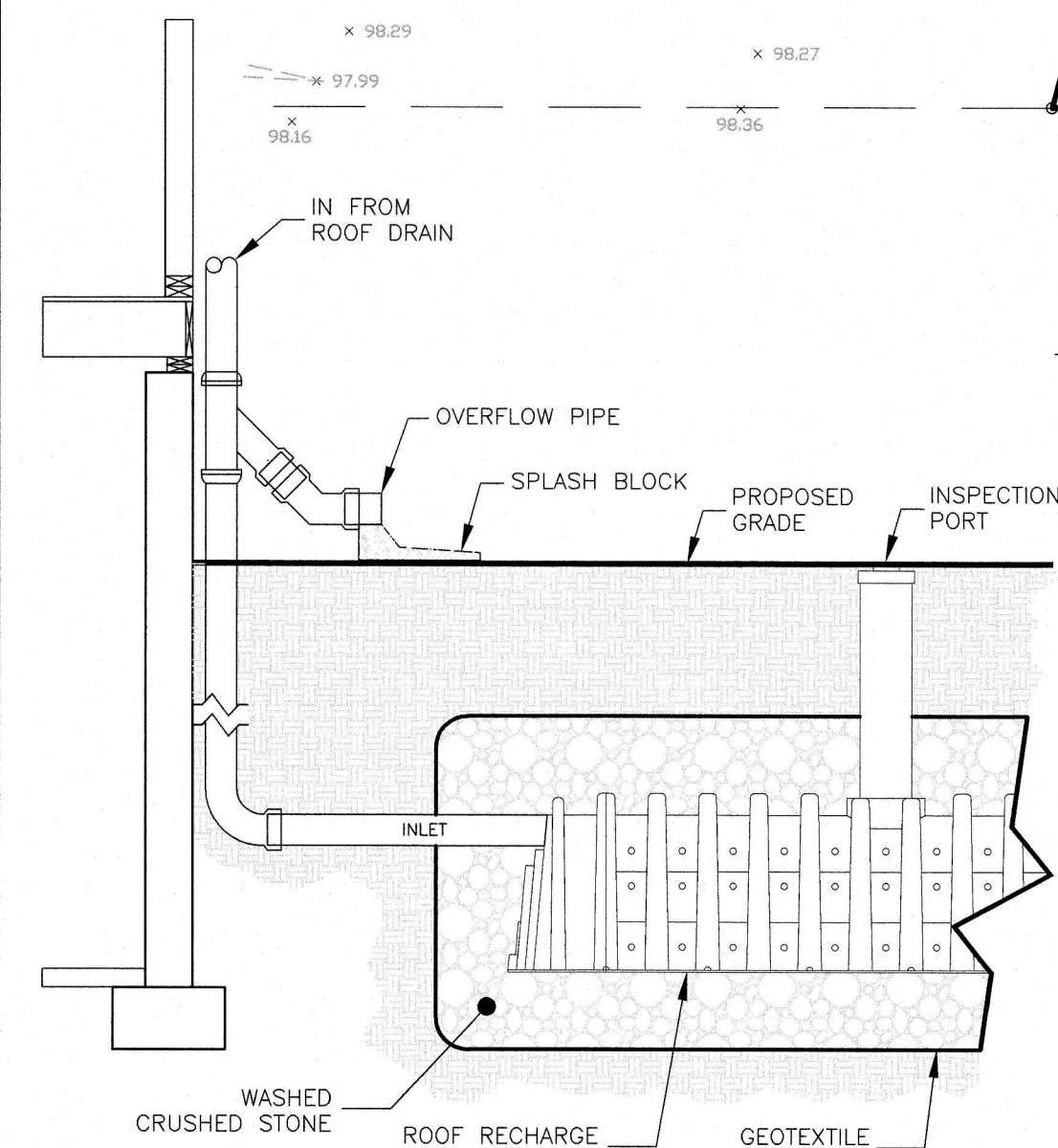


TABLE OF PROPOSED SEPTIC SYSTEM INVERTS (INV)

INV. AT FOUNDATION = 103.50
SEPTIC TANK INV. IN = 101.63
SEPTIC TANK INV. OUT = 101.38
DISTRIBUTION BOX INV. IN = 100.67
DISTRIBUTION BOX INV. OUT = 100.50
4" PIPE INV. IN = 100.31
ENVIRO-SEPTIC PIPE INV. = 99.73
BOTTOM OF SAND BED/B.O. ELEV = 99.23

ASSESSORS MAP REFERENCE:
MAP 32 PARCEL 135

ZONING DISTRICT: C-R
MINIMUM LOT AREA = 20,000 S.F.
MINIMUM LOT FRONTAGE = 100 FEET
MINIMUM LOT WIDTH = 80 FEET
MINIMUM LOT DEPTH = 120 FEET
FRONT YARD SETBACK = 20 FEET
SIDE YARD SETBACK = 10 FEET
REAR YARD SETBACK = 30 FEET
MAXIMUM LOT COVERAGE = 40%
MAXIMUM BUILDING AREA = 40%
MAXIMUM BUILDING HEIGHT = 35 FEET
MAXIMUM BUILDING HEIGHT = 2.5 STORIES



ROOF DRAIN TO RECHARGE CHAMBER
NOT TO SCALE

NOTE:
1. CULTEC'S SHALL BE INSTALLED A MINIMUM OF 10' FROM HOUSE.

Soil Test Pit Data
Soil Evaluator: Will Schkuta, SE#14030
SE Approval Date: August 30, 2016
Witnessed By: Wendy Hansbury, Topsfield BOH Witness
Date of Testing: May 25, 2022

TP 22-1
Elev. = 100.4±

0-8" Ap SL 10YR 3/3
8-24" Bw GrSL 10YR 4/6
24-90" C1d GrLS 2.5Y 5/4

ESHW observed down 68" @ Elev. = 94.73

TP 22-2
Elev. = 99.7±

0-22" Ap/Fill SL 10YR 3/3
22-34" Bw GrSL 10YR 4/6
34-104" C1d GrLS 2.5Y 5/4

ESHW observed down 70" @ Elev. = 93.87

Percolation Test @ P-1 @ 36"±18", 42 MPI

TP 22-3
Elev. = 99.3±

0-8" Ap SL 10YR 3/3
8-34" C1 S 10YR 5/8
34-60" C2 GrSL 10YR 4/6

60-110" 2Cd GrLS 2.5Y 5/4

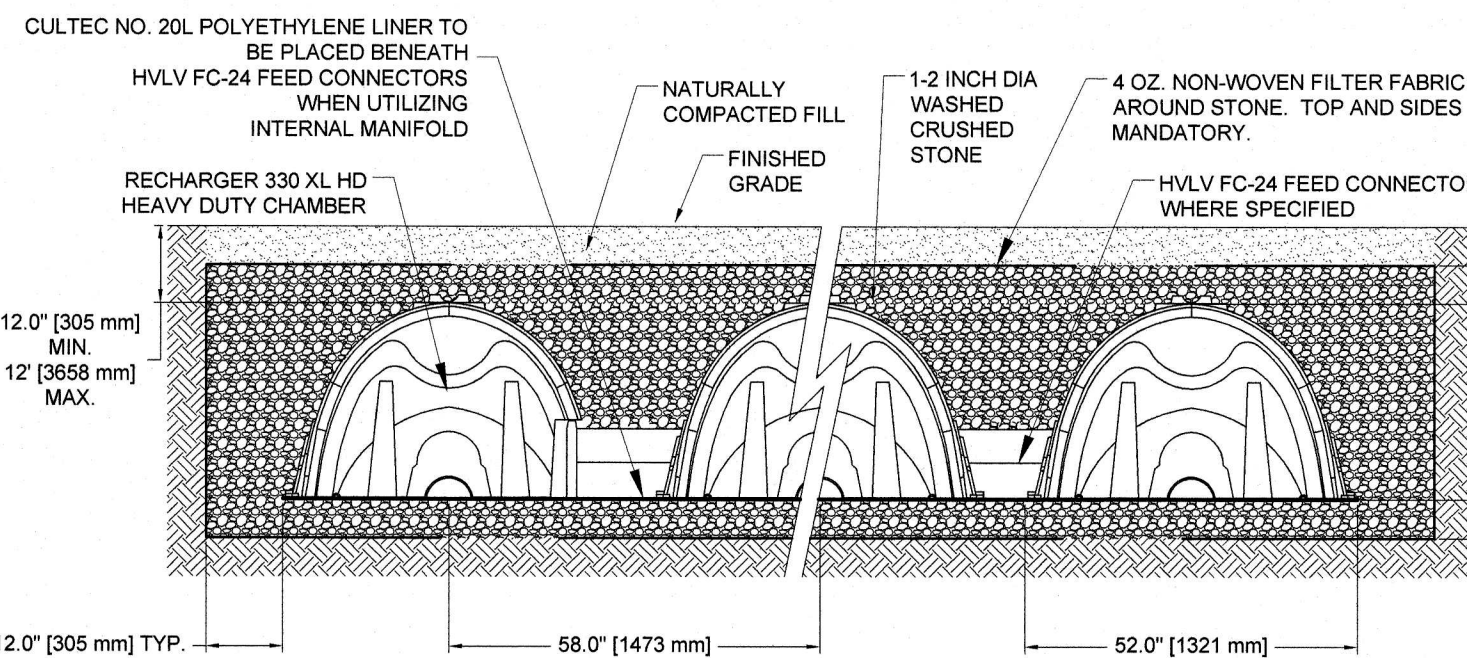
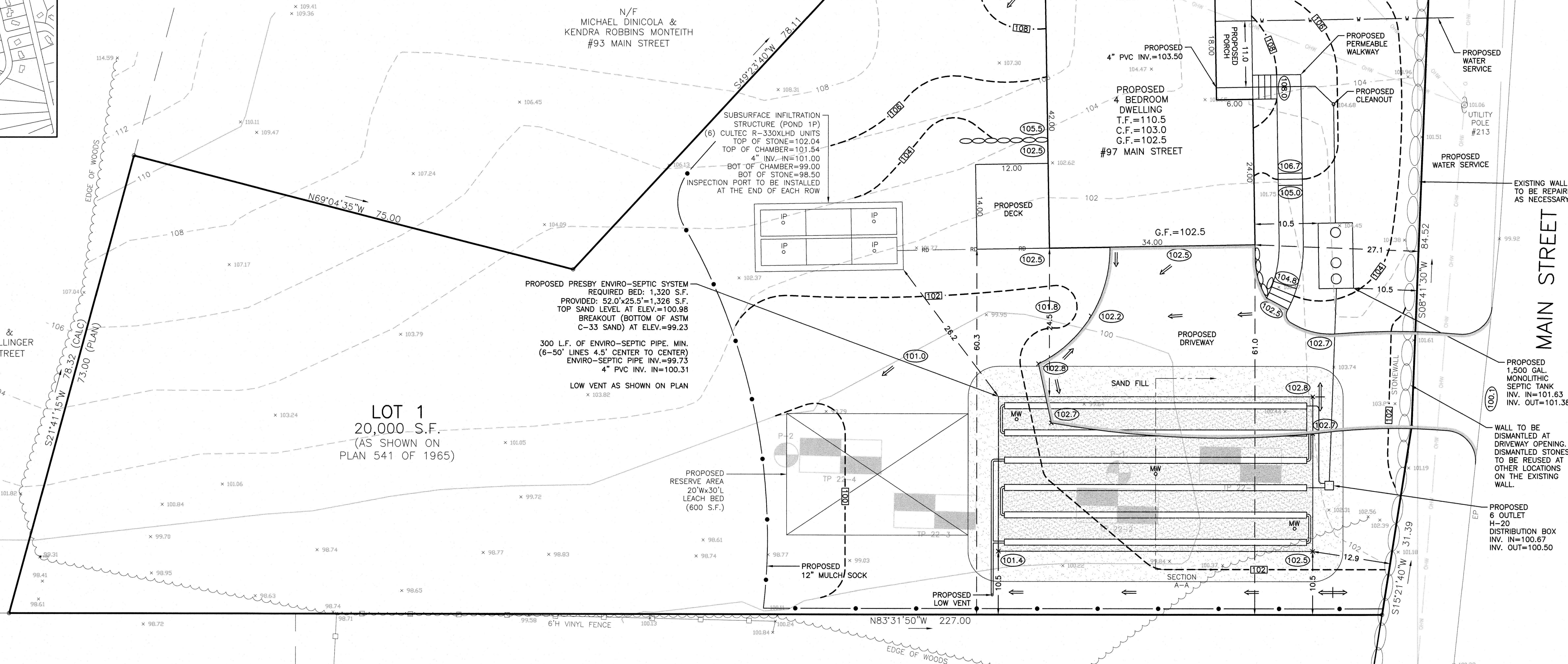
ESHW observed down 42" @ Elev. = 95.80

TP 22-4
Elev. = 99.5±

0-8" Ap SL 10YR 3/3
8-24" Bw GrSL 10YR 4/6
24-105" C1d GrLS 2.5Y 5/4

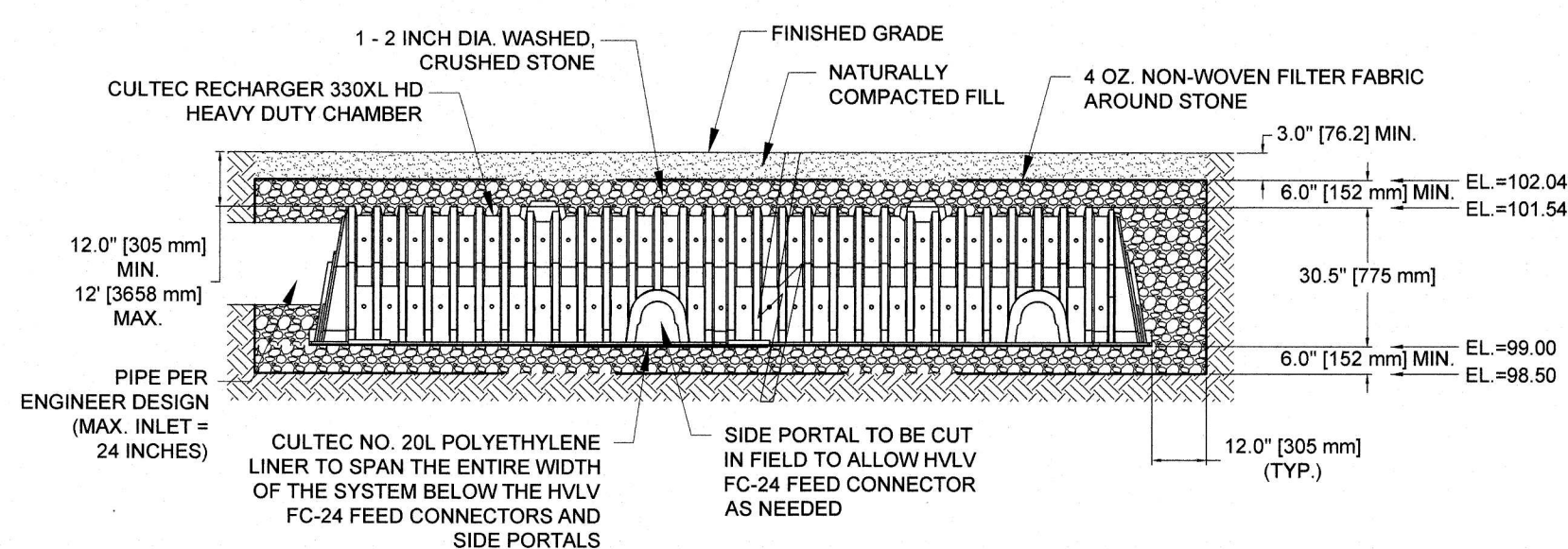
ESHW observed down 68" @ Elev. = 93.83

Percolation Test @ P-2 @ 30"±18", 5 MPI



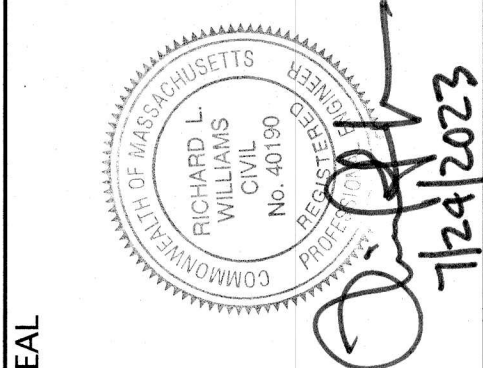
GENERAL NOTES
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT.
STORAGE PROVIDED = 11.32 CF/FT PER DESIGN UNIT.
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED
INSTALLATION GUIDELINES.
USE RECHARGER 330XL HD HEAVY DUTY FOR TRAFFIC AND/OR
H-25 APPLICATIONS.

ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED
WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE
LENGTH OF THE CHAMBER.
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN
ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND
FEDERAL REGULATIONS.



Owner:
The Orlando Lopez Trust
93 Main Street
Topsfield, MA 01983
Applicant:
Montana Development LLC
23 Aaron Drive
Topsfield, MA 01983
978-317-7724

Designed By: SML
Drawn By: SML
Reviewed By: RLW
Project Manager: RLW
Job File Number: TOPS-0076
Drawing File Folder: TOPS76
Drawing Issued for Review Only
Drawing Issued for Permit
Drawing Issued for Construction



SANITARY DISPOSAL SYSTEM DESIGN PLAN
#97 MAIN STREET, TOPSFIELD, MA

DRAWING: S-1	6	20'
	5	10'
	4	5'
	3	2'
SHEET 1 OF 3	2	1
	1	1
	1	1
	1	1

SCALE: 1"=10'
JANUARY 30, 2023