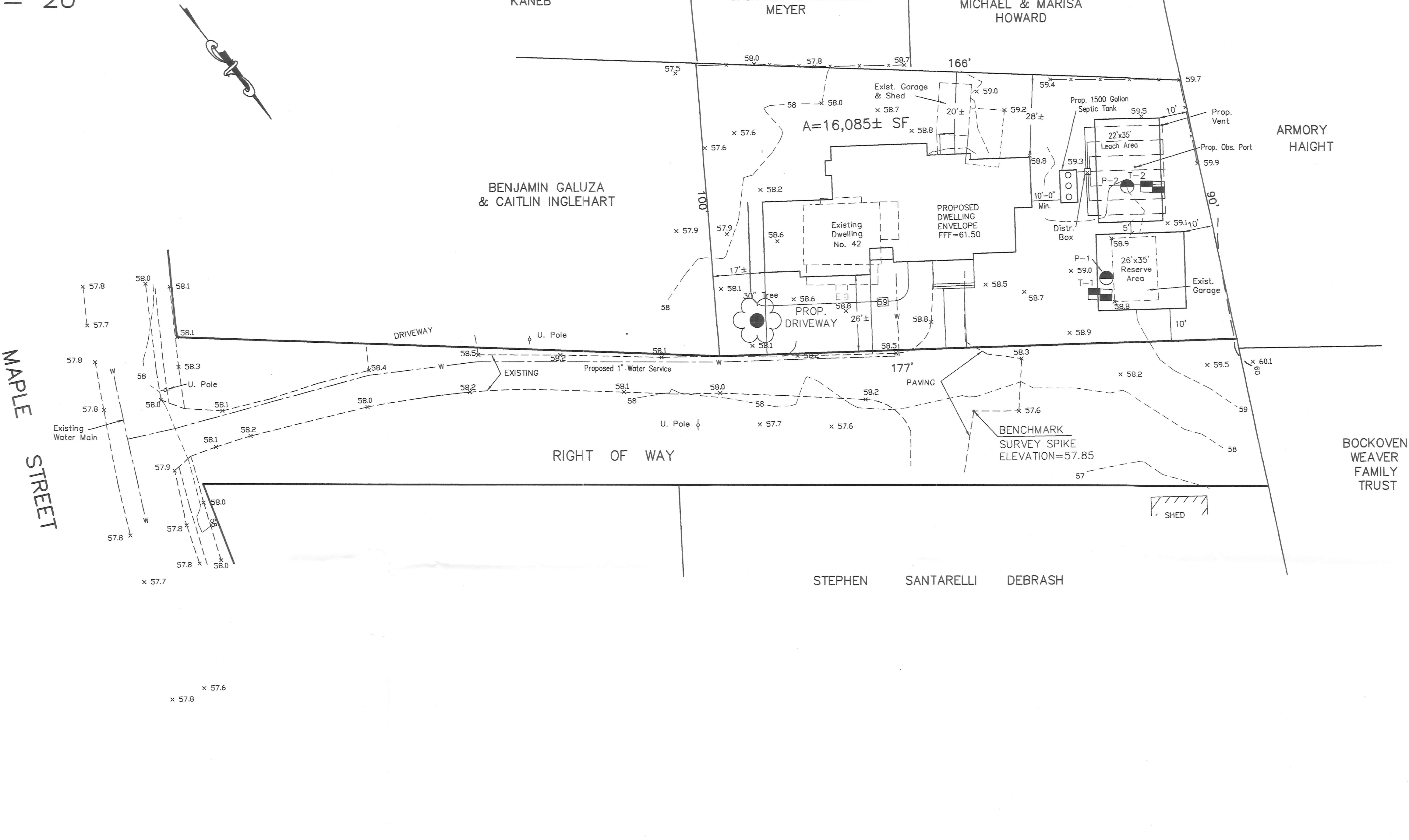


SITE PLAN
1" = 20'



- GENERAL NOTES
- 1) THIS PLAN IS THE RESULT OF AN ON THE GROUND FIELD SURVEY AND PUBLIC AND PRIVATE PLANS.
 - 2) UTILITIES SHOWN ARE BASED UPON FIELD SURVEY AND RECORD PLANS AND ARE NOT NECESSARILY INDICATIVE OF UNDERGROUND CONDITIONS.
 - 3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG-SAFE PRIOR TO ANY WORK. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION BEFORE PROCEEDING WITH THE WORK.
 - 4) THIS PLAN IS BASED ON THE REFERENCED PLANS, DEEDS AND THE RESULTS OF A FIELD SURVEY AS OF THIS DATE. NO CERTIFICATION IS INTENDED AS TO PROPERTY TITLE OR AS TO THE EXISTENCE OF UNWRITTEN OR UNRECORDED EASEMENTS.
 - 5) THE OWNER SHALL CONFIRM COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE MATERIALS AND/OR METHODS OF INSTALLATION OF ANY IMPROVEMENTS DEPICTED ON THIS PLAN.
 - 6) SEE ARCHITECTURAL DRAWINGS FOR DETAILS OF BUILDING DIMENSIONS, FINISH AND MATERIALS, AND ELEVATION VIEWS.
 - 7) DATUM: 1988 NAVD
 - 8) DEVELOPMENT AREA IS WITHIN THE X FLOOD ZONE AS EVIDENCED ON FEMA FIRM 25009 C0426G DATED 7/8/2025. AND IS THEREFORE NOT IN THE 100 YEAR FLOOD ZONE.
 - 9) THE EXISTING BUILDING AND PAVEMENT ON SITE ARE TO BE REMOVED.

LEGEND

- o — EXISTING UTILITY POLE
— x — EXISTING FENCE
100.0 EXISTING SPOT GRADE
100 EXISTING CONTOUR
100 PROPOSED CONTOUR
100x00 PROPOSED SPOT ELEVATION
T-1 SOIL EVALUATION HOLE
P-1 PERCOLATION TEST HOLE

SEPTIC SYSTEM NOTES

NO PORTION OF THE PROPOSED SEPTIC SYSTEM LIES WITHIN 400 FEET OF A PUBLIC SURFACE WATER SUPPLY NOR WITHIN 200 FEET OF A TRIBUTARY TO A PUBLIC SURFACE WATER SUPPLY NOR WITHIN 100 FEET OF A PRIVATE WELL NOR WITHIN A NITROGEN SENSITIVE ZONE.

NO PORTION OF THE PROPOSED WORK IS LOCATED WITHIN 100 FEET OF A WETLAND RESOURCE AREA.

THE CONTRACTOR SHALL NOTIFY DIG-SAFE AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.

SEPTIC SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC TAPE OR COMPARABLE MEANS PRIOR TO BACKFILLING.

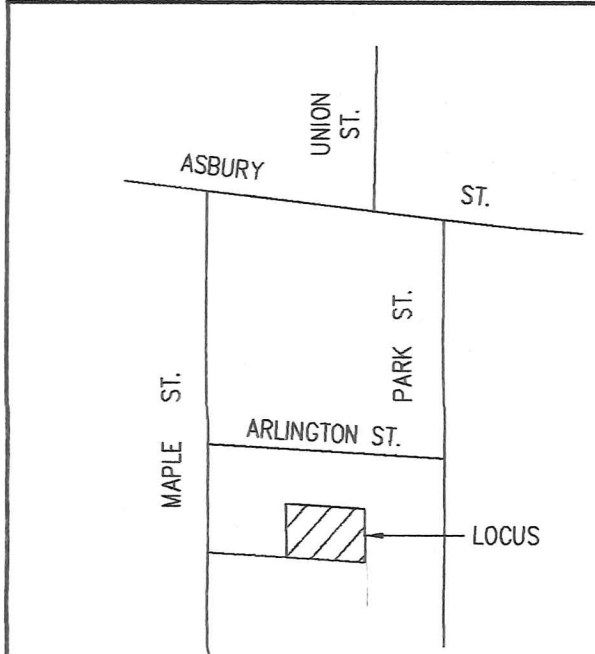
NOTES:

ASSESSORS MAP 55 PARCEL 327
DEED REFERENCE: BOOK 5604 PAGE 602

SPECIAL CONSTRUCTION NOTE:

CONTRACTOR SHALL REMOVE ALL TOPSOIL AND SUBSOIL IN AND 5 FEET AROUND PROPOSED LEACH AREA AND REPLACE WITH CLEAN GRANULAR SAND FILL IN COMPLIANCE WITH REGULATION 15.255 (3) - (6) IF SO REQUIRED BY FIELD CONDITIONS.

LOCUS MAP



PROPOSED ON-SITE
SEWAGE DISPOSAL SYSTEM

SITE PLAN

FOR: LUXURIOUS HOMES LLC
83 CAMBRIDGE STREET SUITE 2D
BURLINGTON, MA. 01803
LOCATED AT : 42 MAPLE STREET
HAMILTON, MASS,
ASSESSOR'S MAP 55 PARCEL 327
DATE: AUGUST 14, 2025 SCALE: 1" = 20'
EASTERN LAND SURVEY ASSOCIATES, INC.
104 LOWELL ST. PEABODY, MA. 01960
(978) 531-8121

SHEET 1 OF 2

DATE	REVISION	BY

SOIL EVALUATION SUMMARY

TESTS BY: ERICH R. NITZSCHE, PE, SE, SI
WITNESS: GREG BERNARD
DATE: JULY 2, 2025
PERCOLATION RATE(S): P-1 AT TP -1 <2.0 MPI @ 60"
P-2 AT TP-2 <2.0 MPI @ 54"

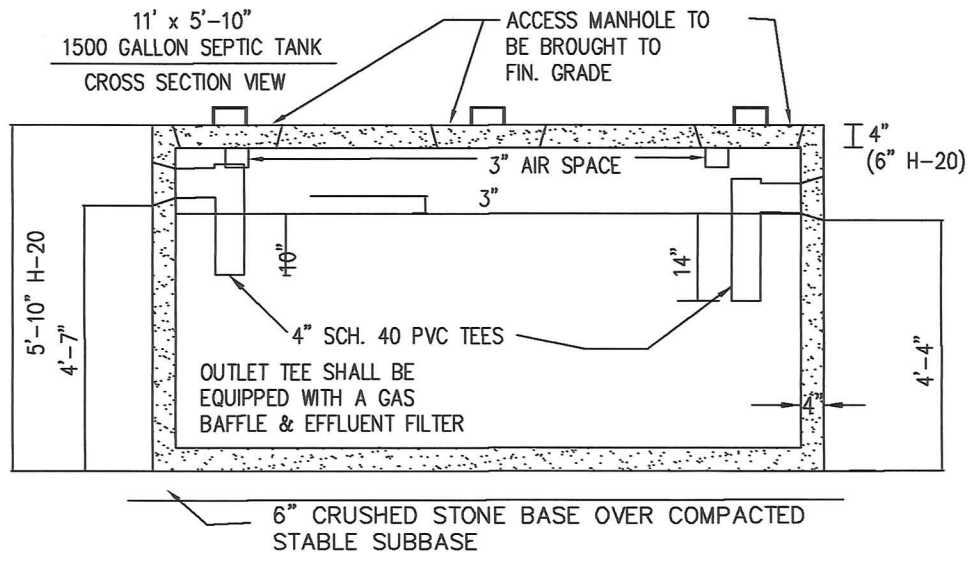
DEEP OBSERVATION HOLES

OBSERVATION HOLE No.	TP-1	TP-2			
GRADE EL.	58.9	59.0			
GROUNDWATER EL.	NONE	NONE			
BOTTOM EL.	50.9	50.25			

Deep Observation Hole Number : TP 1 No Observed Groundwater										
Depth (in.)	Soil Horizon /Layer	Soil Matrix:Color Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % By Volume	Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Perccn					
0-14	A	10YR 3/3				SL		Weak	Soft	Grass
14-34	Bw	10YR 5/6				SL		Mod.	oft	Roots
34-74	C1	10YR 3/6				S	5-10	Structure -less	Loose	Med. Sand & Stone
74-96	C2	10YR 3/6				S		Structure -less	Loose	Med. Sand
Additional Notes No Refusal; No weeping or standing water; No Mottles										

Deep Observation Hole Number : TP 2 No Observed Groundwater										
Depth (in.)	Soil Horizon /Layer	Soil Matrix:Color Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % By Volume	Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Perccn					
0-18	A	10YR 3/3				SL		Weak	Soft	Grass
18-36	Bw	10YR 5/8				SL		Mod.	oft	Roots
36-95	C1	10YR 4/6				S	5-10	Structure -less	Loose	Med. Sand & Stone
74-96	C2	10YR 3/6				S		Structure -less	Loose	Med. Sand
Additional Notes No Refusal; No weeping or standing water; No Mottles										

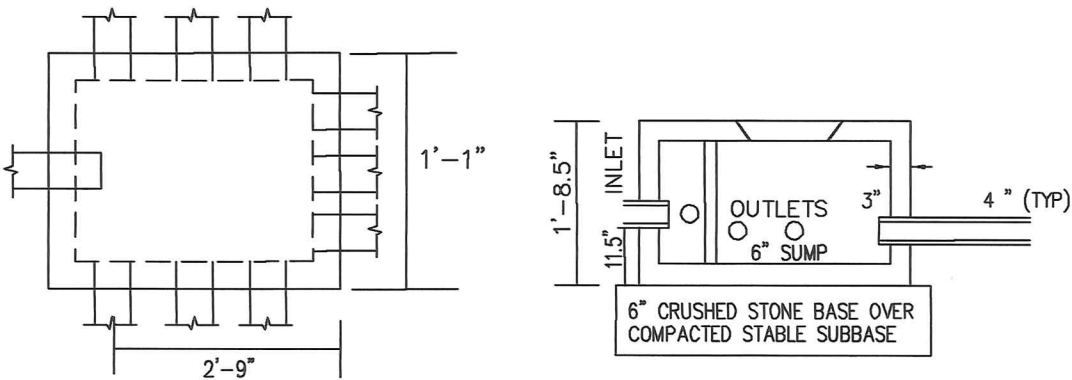
DETAIL - SEPTIC TANK
NO SCALE
SHEA CONC. ID M1500H



SEPTIC TANK DESIGN SHALL CONFORM IN ALL RESPECTS TO THE REQUIREMENTS OF TITLE 5 SECTIONS 15.226 - 15.228
SEPTIC TANK SHALL BE CAPABLE OF WITHSTANDING AN H-20 WHEEL LOADING AND BE OF MONOLITHIC CONSTRUCTION.

EFFLUENT FILTER SHALL BE ZABEL A1800 OR EQUIVALENT

DETAIL - DISTRIBUTION BOX
NO SCALE
SHEA CONC. ID 9DB



All used outlets shall be equipped with speed levels. The first two feet of each Distribution Line shall be laid level. The Distribution Box shall conform in all respects to the requirements of Title 5.

A riser with a cast iron cover or secured cover shall be brought to finish grade.

The Distribution Box shall be equipped with a precast concrete or inlet tee baffle

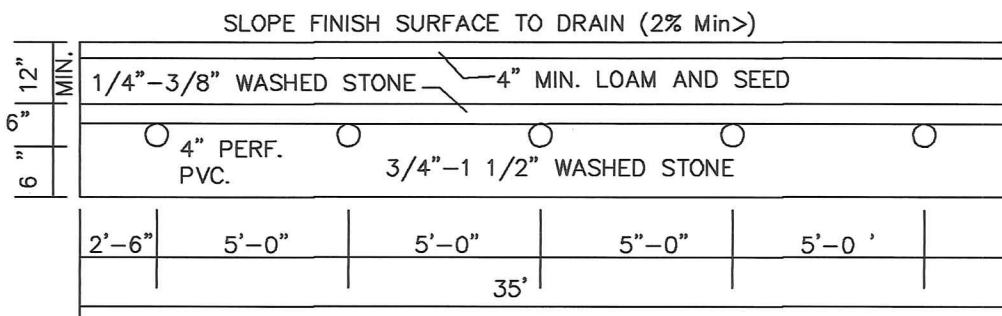
NOTES

- SAFETY MEASURES, DAY-TO-DAY CONTROL OF THE WORK AND CONSTRUCTION METHODS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- UNLESS SPECIFIED OTHERWISE HEREON, SYSTEM CONSTRUCTION SHALL CONFORM TO TITLE 5 OF THE STATE ENVIRONMENTAL CODE AND LOCAL BOARD OF HEALTH CODE.
- ANY INTENDED REVISION OF PROPOSED ELEVATIONS AND / OR HORIZONTAL LOCATIONS AS SHOWN HEREON SHALL BE APPROVED BY THE ENGINEER AND THE LOCAL BOARD OF HEALTH PRIOR TO IMPLEMENTATION.
- THIS PLAN IS FOR DESIGN AND CONSTRUCTION OF THE SEPTIC SYSTEM ONLY.
- ALL WORK ON LINES, GRADES AND DETAILS SHOWN IS TO BE DONE BY A LICENSED "DISPOSAL WORKS INSTALLER". THE CONTRACTOR SHALL NOTIFY THE BOARD OF HEALTH AND THE DESIGN ENGINEER 72 HOURS PRIOR TO ANY REQUIRED INSPECTIONS
- ANY CHANGE OF CONDITIONS AT THE SITE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PERFORMING THE RELATED WORK.
- NO WELL IS TO BE LOCATED WITHIN 100 FEET OF THE LEACHING FACILITY, NOR SHALL THE FACILITY BE LOCATED WITHIN 100 FT OF ANY WELL.
- THE SEPTIC TANK SHALL BE INSPECTED ANNUALLY AND PUMPED WHEN THE SOLIDS LEVEL EXCEEDS 1/4 OF THE TANK DEPTH.
- THIS SYSTEM HAS BEEN DESIGNED FROM DATA REVIEWED AND ACKNOWLEDGED BY THE LOCAL BOARD OF HEALTH.
- THE ISSUANCE OF A CONSTRUCTION PERMIT AND/OR A CERTIFICATE OF COMPLIANCE SHALL NOT IMPLY AS A GUARANTEE THAT SUBSURFACE SEWAGE DISPOSAL SYSTEM WILL FUNCTION SATISFACTORILY.
- CONSTRUCTION OF LEACHING FACILITIES IN CLEAN GRANULAR SAND: CLEAN GRANULAR SAND SHALL BE AS DEFINED IN THE STATE ENVIRONMENTAL CODE, TITLE 5, REGULATION 15.255(3). FILL SHALL BE GRADED AND PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF 15.255 (3) - (6)
- ALL STONE SHAL BE DOUBLE WASHED, FREE FROM IRON, FINES, DUST & ORGANIC MATTER AND OF THE SIZES SHOWN HEREON.
- ALL FITTINGS SHALL BE OF THE SAME SCHEDULE AS PIPE USED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND THE REQUIREMENTS OF TITLE 5
- THE SEPTIC TANK SHALL BE VACUUM TESTED ON SITE BY THE MANUFACTURER AND CERTIFICATION OF THE TANK AS BEING WATERTIGHT SHALL BE SUPPLIED BY THE MANUFACTURER TO THE HEALTH AGENT ONCE TESTING HAS BEEN COMPLETED.

DESIGN CRITERIA

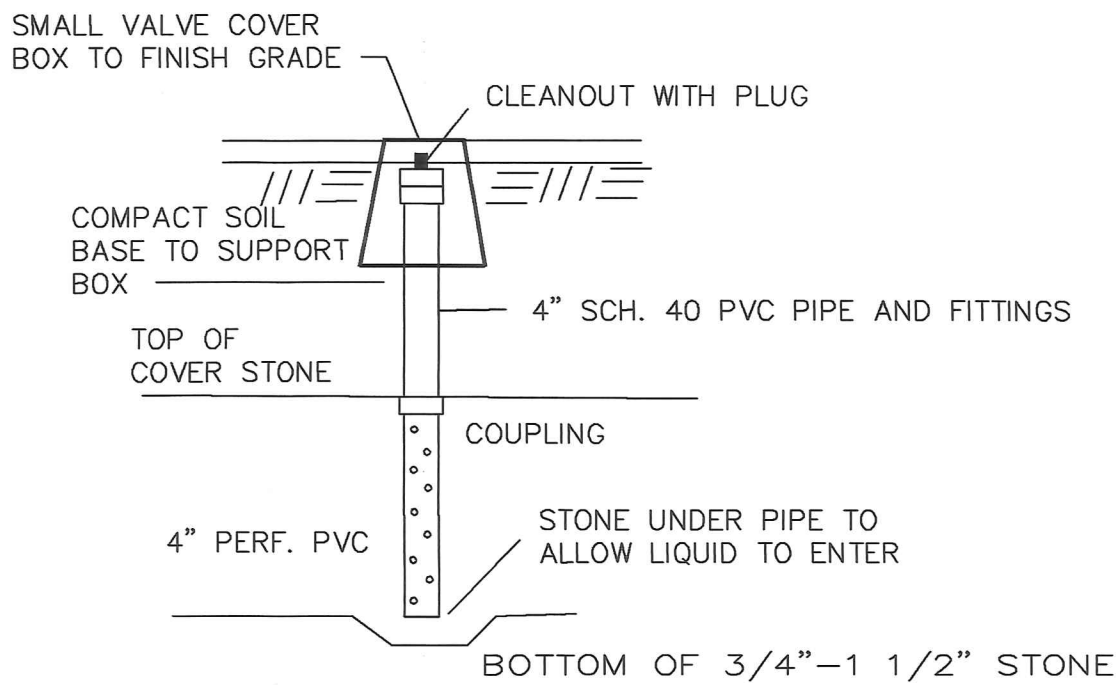
- BUILDING TYPE: DWELLING
- NO. OF BEDROOMS: 5
- DESIGN FLOW: 5 x 110 GAL/BDRM/DAY = 550 GAL/DAY
- DESIGN PERCOLATION RATE: 1" IN 2 MINUTES
- GARBAGE DISPOSAL : YES NO X
- SOIL CLASS : I DESIGN PERCOLATION RATE : 2 MIN/IN LONG TERM APPLICATION RATE : 0.74 GAL/SF/DAY
- TOTAL LEACH AREA REQUIRED:
LOCAL CODE: 743 SQ. FT.
PROVIDED:
BOTTOM: 770 SQ. FT. x 0.74 GAL/SQ. FT. = 569.8GAL/DAY
- TOTAL: 770 SQ. FT. OR 569.8 GAL/DAY
- LEACH AREA: 35' WIDTH BY 22' LONG
LEACH BED, VENTED
THIS SYSTEM IS NOT DESIGNED FOR A GARBAGE GRINDER
- SEPTIC TANK SIZING CALCULATIONS
REQUIRED - 200% OF AVERAGE DAILY FLOW
= 2 x 660 - 1320 GALLONS
PROVIDED - 1500 GALLONS

PARTIAL SECTION - LEACH AREA
NO SCALE

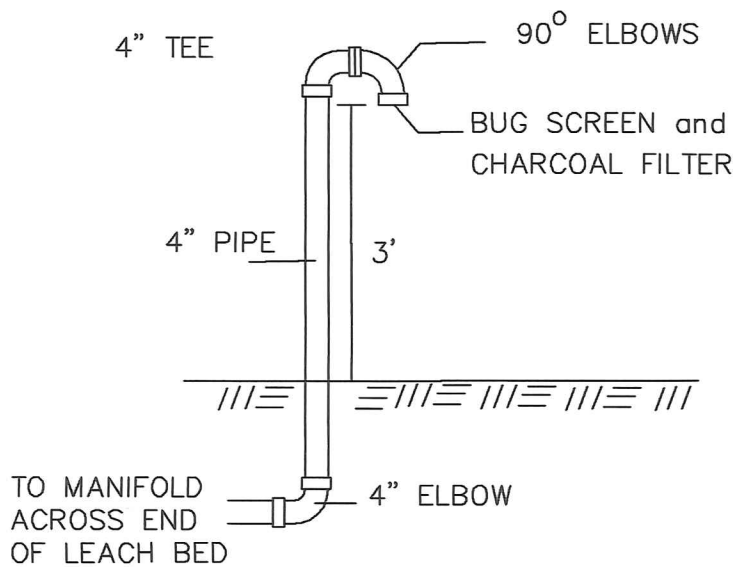


LEACH AREA SHALL BE 35 FEET WIDE BY 22 FEET LONG, VENTED
DISTRIBUTION LATERAL ORIFICES SHALL BE 3/8" TO 5/8" DIAMETER

DETAIL
OBSERVATION PORT
NTS

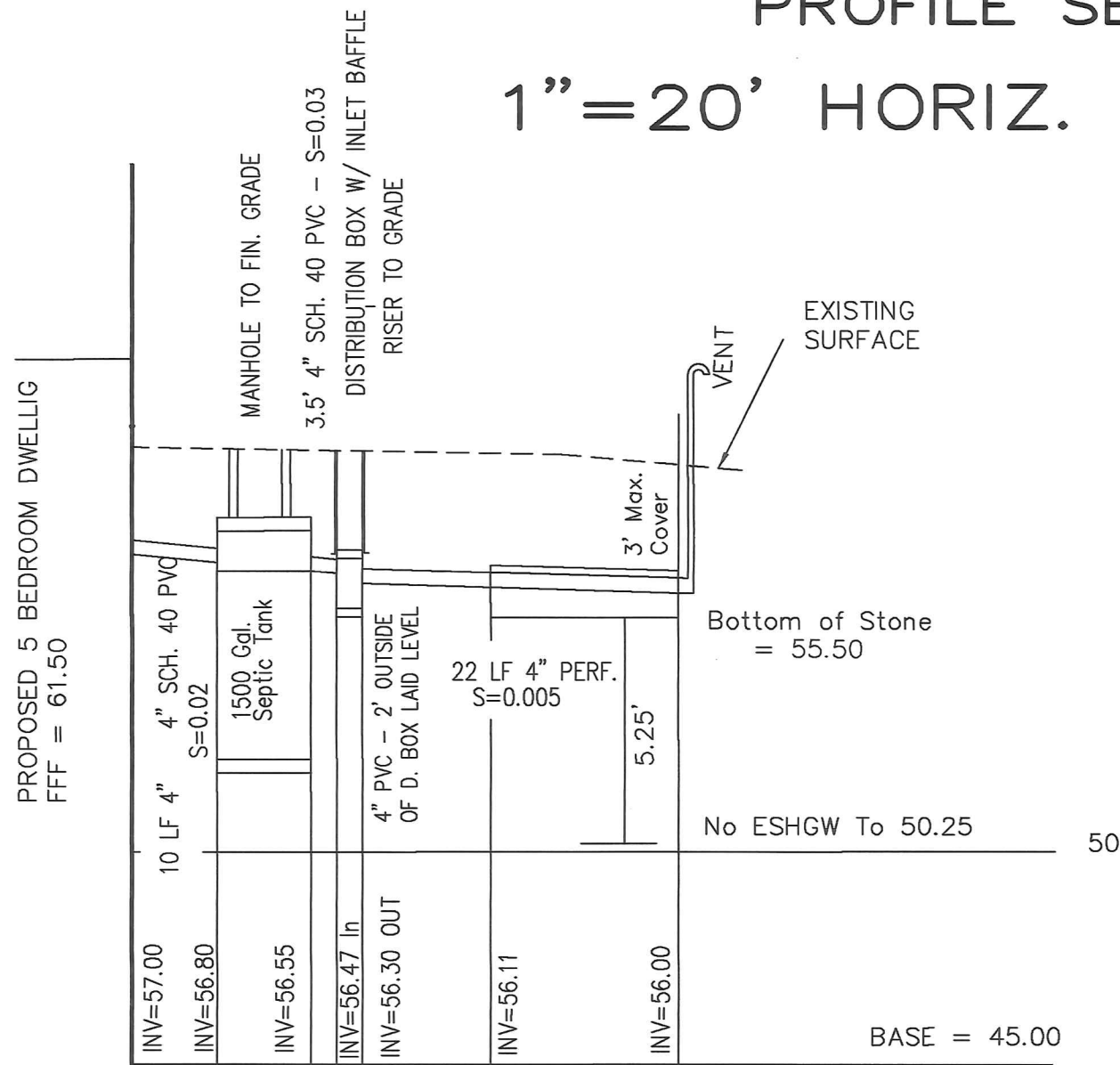


DETAIL VENT
NTS



PROFILE SEPTIC SYSTEM

1"=20' HORIZ. 1"=4' VERT.



PROPOSED SUBSURFACE
SEWAGE DISPOSAL SYSTEM

PROFILES & DETAILS

FOR: LUXURIOUS HOMES LLC
83 CAMBRIDGE STREET SUITE 2D
BURLINGTON, MA. 01803
LOCATED AT: 42 MAPLE STREET
HAMILTON, MASSACHUSETTS

AUGUST 14, 2025 SCALE: AS NOTED
DWG: JHM CHKD: C.A. MORIN, P.E.
EASTERN LAND SURVEY ASSOCIATES, INC.
104 LOWELL STREET PEABODY, MASS. 01960
(978) 531-8121 SHEET 2 OF 2

NO.	DATE	REVISION	BY