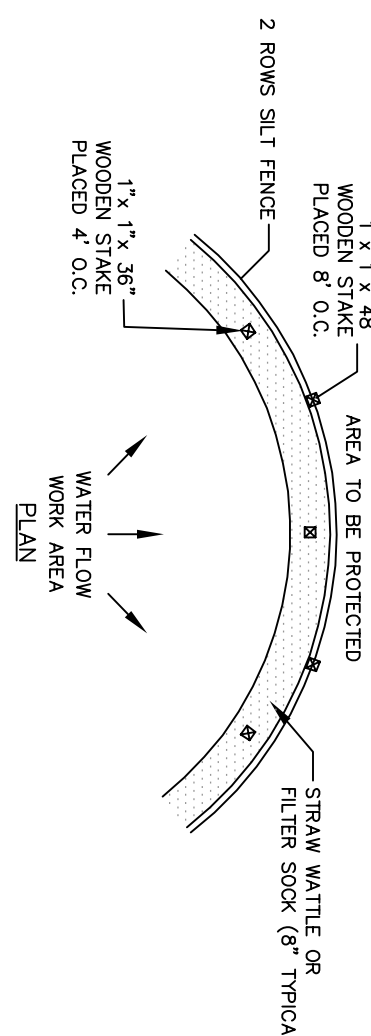
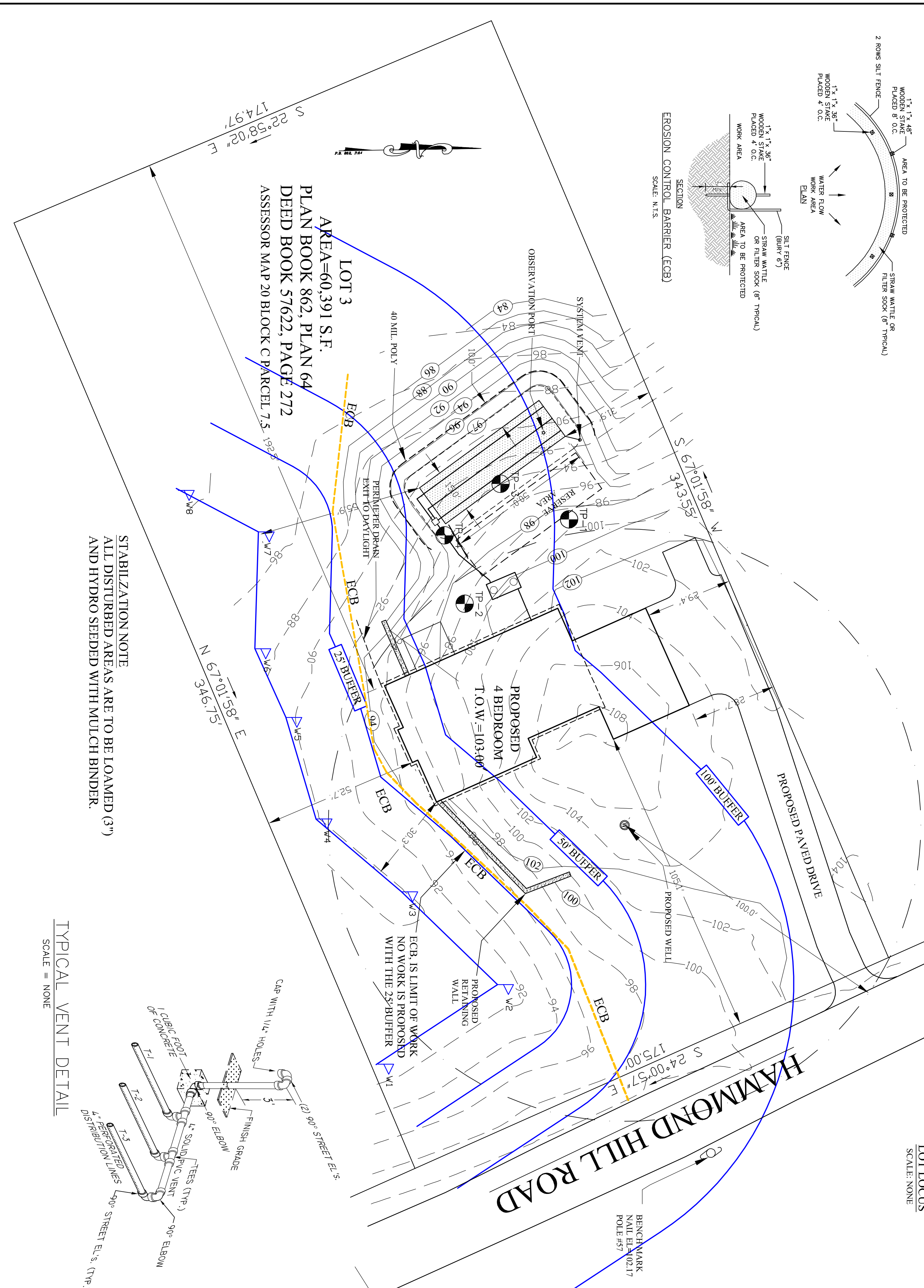


TYPICAL FIELD SECTION
SCALE = NONE

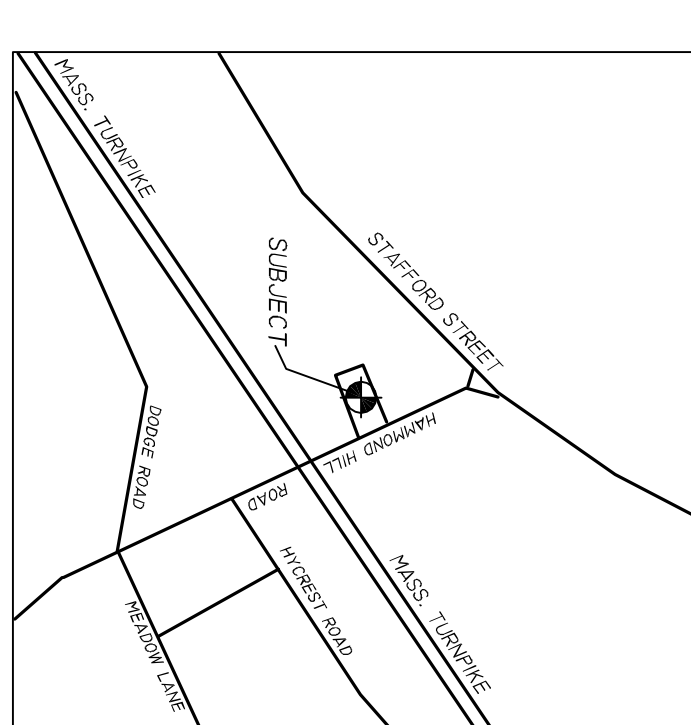


EROSION CONTROL BARRIERS (ECB)
SCALE: N.T.S.

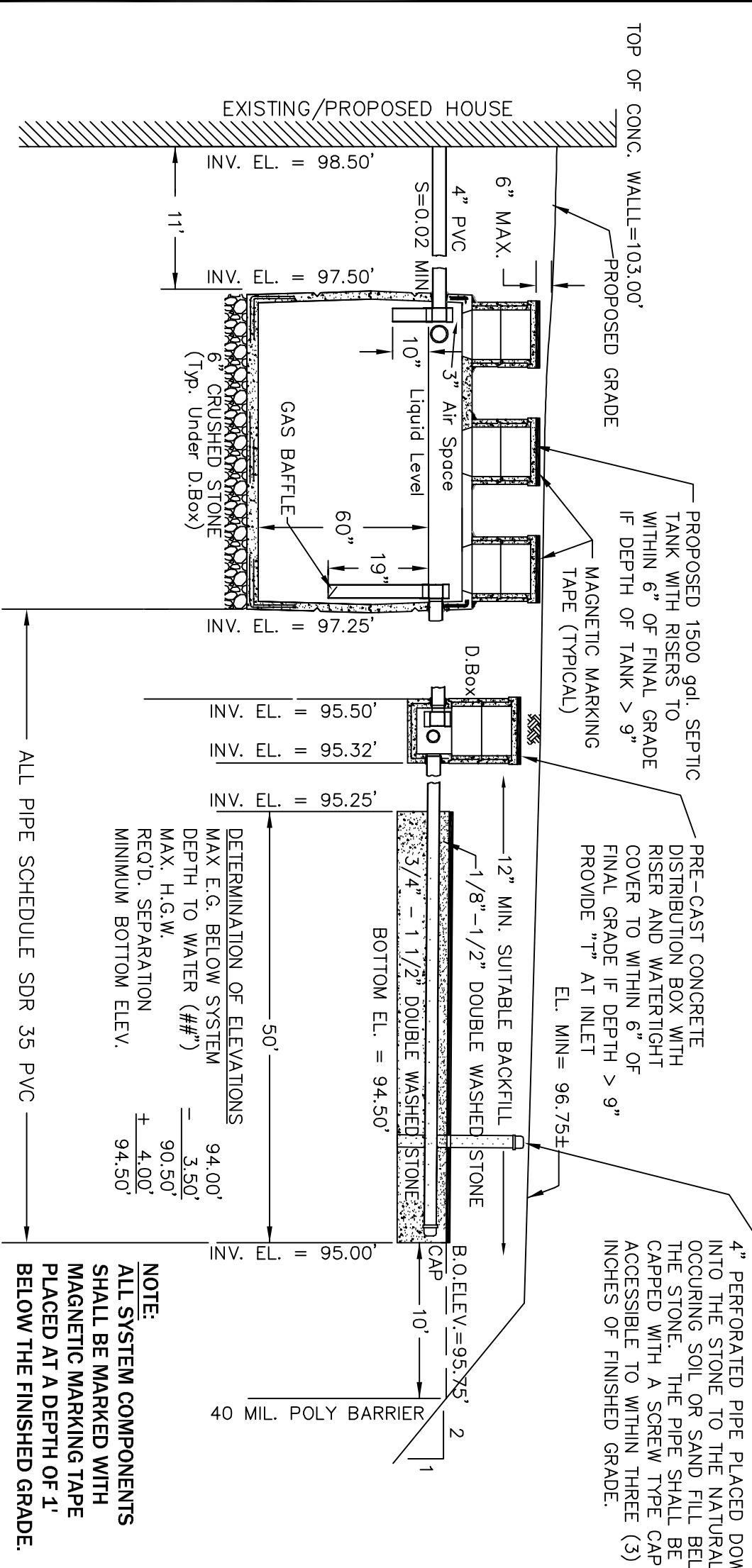


STABILIZATION NOTE
ALL DISTURBED AREAS ARE TO BE LOAMED (3")
AND HYDRO SEEDED WITH MULCH BINDER.

TYPICAL VENT DETAIL
SCALE = NONE



LOT LOCUS
SCALE: NONE



NOTE:
ALL SYSTEM COMPONENTS
SHALL BE MARKED WITH
MAGNETIC MARKING TAPE
PLACED AT A DEPTH OF 4\"/>

SCHEDULE OF ELEVATIONS

DESCRIPTION	PROPOSED AS-BUILT
TOP OF SLAB	103.00'
INVERT AT FOUNDATION	98.50'
INVERT IN SEPTIC TANK	97.50'
INVERT OUT SEPTIC TANK	97.25'
INVERT IN D.BOX	95.50'
INVERT OUT D.BOX	95.32'
INVERT BEGINNING FIELD	95.25'
INVERT END OF FIELD	95.00'

DESIGN CRITERIA

DESIGN FLOW FOR # BEDROOMS
4 Bedrooms x 110 gal./bedroom/day = 440 gallons/day

THIS SYSTEM IS NOT DESIGNED TO ACCOMMODATE A GARAGE DISPOSAL. THE USE OF GARAGE DISPOSALS IS NOT RECOMMENDED WITH SUBSURFACE DISPOSAL FACILITIES.

SEPTIC TANK CAPACITY: 1500 GALLON

LEACH FIELD CALCULATIONS

SQUARE FOOTAGE: _____ = 0 sq.ft.

SIDEWALL: NOT APPLICABLE = 750 sq.ft.

TOTAL: _____ = 750 sq.ft.

SOIL CLASSIFICATION: CLASS II

LEACHING CAPACITY: _____ = 0 gallons

SIDEWALL: NOT APPLICABLE = 450 gallons

BOTTOM: 0.60 gal./sq.ft. x 750 sq.ft. = 450 gallons

TOTAL: _____ = 450 gallons

PRECEDATION TEST AND DEEP HOLE OBSERVATIONS

TEST PERFORMED AS PER TITLE 5.

DATE OF TEST: 4/16/20

TEST TAKEN: 50' BELOW EXISTING GRADE.

RESULT: 3 & 8 MINUTES PER INCH DESIGNED AT 8 MINUTES PER INCH.

PERFORMED BY: LEONARD JALBERT

INSPECTED BY: THOMAS PURCELL



OBSERVATION PITS

NO.	DATE	DEPTH	SOIL TYPE	REMARKS
1	4/16/20	50'	CL	NO WATER
2	4/16/20	100'	CL	NO WATER
3	4/16/20	150'	CL	NO WATER
4	4/16/20	200'	CL	NO WATER

- GENERAL NOTES**
- ALL WORK TO BE CONCEALED MUST BE INSPECTED BY THE BOARD OF HEALTH OR ITS AGENT PRIOR TO BEING BACKFILLED.
 - THE BUILDING OR ITS AGENT PRIOR TO BEING BACKFILLED.
 - THE SEPTIC TANK (TANK) MUST BE CONSTRUCTED OF SCHEDULE 40 PVC PIPE AND MUST BE WATER-TIGHT.
 - SEPTIC TANK AND DISTRIBUTION BOX TO BE PRE-CAST CONCRETE AS PER TITLE 5.
 - SEPTIC TANK AND D.BOX MUST BE SET ON A LEVEL STABLE BASE AND MUST BE WATER TIGHT.
 - THE FINISH GRADE ABOVE AND ADJACENT TO THE FIELD SHALL SLOPE AT LEAST 2% TO PREVENT THE ACCUMULATION OF SURFACE WATER.
 - FILL MATERIAL REQUIRED SHALL CONSIST OF CLEAN GRANULAR SAND FREE FROM ORGANIC MATTER AND DETRIMENTOUS SUBSTANCES. MIXTURES AND LAYERS OF DIFFERENT CLASSES OF MATERIALS SHALL NOT BE USED. A SOIL ANALYSIS SHALL BE PERFORMED IN ACCORDANCE WITH 310 CMR 15.245 (3).
 - STONE SHALL CONSIST OF DOUBLE-WASHED STONE AND SHALL BE FREE OF IRON, FINES AND DUST IN PLACE.
 - ALL DISTURBED AREAS TO BE LOAMED (3" MIN.) FINE RAKED AND SEEDED.
 - ALL WELLS WITHIN 200' OF THE PROPOSED SYSTEM ARE SHOWN OR REFERRED TO BY NOTATION.
 - ALL WETLANDS WITHIN 100' OF THE CONSTRUCTION ARE SHOWN. THE SITE IS SUBJECT TO WETLANDS PROTECTION ACT.
 - OFFSETS ARE NOT TO BE USED FOR THE REPRODUCTION OF PROPERTY LINES.
 - THE PROPOSED WELL IS NOT WITHIN 100' OF ANY KNOWN LEACHING FACILITIES. (NOT APPLICABLE - EXISTING WELL).
 - REMOVE TOPSOIL, PEAT AND OTHER IMPERVIOUS MATERIALS FROM ALL AREAS BENEATH THE LEACH FIELD AND FOR A DISTANCE OF 5' THEREFROM (AS SHOWN) AND REPLACE WITH FILL MATERIAL AS SPECIFIED IN NOTE 6 COMPACTED IN 6" LIFTS TO AN ELEVATION EQUAL TO THE TOP OF PEA STONE WITHIN THE SYSTEM.

ZONING: AGRICULTURAL

RECD.	PLAN	F.I.R.M. REFERENCE
60.0001	60.391	20527C
175	175	0951E
307	94.7	7/4/2011
15	30.3	THE DESIGN SHOWN HEREON DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE.
30	201.4	

SCOPE OF WORK

THE CONTRACTORS SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO:

- ALL LABORS AND MATERIALS TO INSTALL THE SEWAGE DISPOSAL SHOWN, COMPLETE AND PLACED IN SERVICE.
- INSURING ALL PERMITS HAVE BEEN OBTAINED.
- PERFORMING ALL WORK IN ACCORDANCE WITH TITLE 5.
- ANY MEASURES TO PROTECT THE WETLAND, IF ANY.
- TIMELY EXECUTION OF THE WORK.

REVISIONS

Rev	Date	Description	Mode	Check App.
AMT 1	6/23/20	REVISE INVERTS ELEV.	AMT	LSJ
AMT 2	7/23/20	ADD RET. WALL, MOVE HOUSE	AMT	LSJ
AMT 3	7/28/20	ADD STABILIZATION NOTE	AMT	LSJ

MAINTENANCE NOTE

THE STATE ENVIRONMENTAL CODE, STATUTES, SEPTIC TANKS SHOULD BE INSPECTED AND CLEANED AT LEAST ANNUALLY. PERMANENT STRUCTURES ARE TO BE ERECTED IN THE RESERVE AREA. DO NOT PLANT TREES OVER OR NEAR THE FIELD. AVOID VEHICULAR TRAFFIC OVER SYSTEM.

JALBERT ENGINEERING, INC.
CIVIL ENGINEERS & SURVEYORS

54 Main Street
Sturbridge, Massachusetts 01566-1244
Telephone: (508) 347-5136 • Toll Free: 1-800-339-5136
Fax: (508) 347-7962

Soil Absorption System - "NEW"
Located At: HAMMOND HILL ROAD
Chardon, Massachusetts

For: **SEAN BAXTER**
BOH FILE # 2020-4

6/9/20 PLAN NUMBER
20057
REV. 3