

NOTE:
 ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MARKING MARKING TYPE 1: SEPTIC TANK & PUMP CHAMBER SHALL BE MONOLITHIC AND TESTED FOR WATER-TIGHTNESS.
 (310 CMR 15.229(2))

- ① AT LOCATION SHOWN, INSTALL NEW 1500-GALLON, 2-COMPARTMENT TANK (MONOLITHIC)(H-20 LOAD) WITH 8" STONE BENEATH. PROVIDE PROPOSED ACCESS MANHOLES TO FINISHED GRADE WITH WATER-TIGHT ACCESS. (310 CMR 15.229(2))
- ② PROPOSED 1500-GALLON PUMP CHAMBER (MONOLITHIC)(H-20 LOAD) TO BE PROVIDED WITH 8" MIN. BED OF STONE BENEATH GREATER THAN 8" SHALL BE PROVIDED WITH RISERS ON ALL TANK TOP OPENINGS (310 CMR 15.229(2)) TO BE INSTALLED WITH WATER-TIGHT JOINTS AND COVERS SECURED TO PREVENT UNAUTHORIZED ACCESS.
- ③ PROPOSED DISTRIBUTION BOX (6-OUTLET) TO BE PROVIDED WITH 8" MIN. BED OF STONE BENEATH. PROVIDE PROPOSED ACCESS MANHOLES TO FINISHED GRADE WITH WATER-TIGHT ACCESS. (310 CMR 15.229(2))
- ④ PROPOSED 4" SCH. 40 PVC PIPE (PERFORATED) INSPECTION PORTS (2) TO BOTTOM OF SYSTEM SAND WITH 1/2" DIA. OPENING. PROVIDE TWO (2) 1/2" DIA. INSPECTION PORTS FOR EACH CELL OF PROPOSED ENVIRO-SEPTIC PIPE SYSTEM.
- ⑤ PROPOSED SYSTEM VENTS WITH SCREENED OUTLET PIPES (4" SCH. 40 PVC). LOW VENTS - 3" MIN. ABOVE FINAL GRADE LOCATED APPROX. 2' EAST OF NORTHEAST AND SOUTHWEST CORNERS OF PROPOSED ENVIRO-SEPTIC SYSTEM. HIGH VENTS - 3" MIN. ABOVE FINAL GRADE LOCATED APPROX. 2' EAST OF NORTHEAST CORNER OF PROPOSED ENVIRO-SEPTIC SYSTEM. VENT LINE BACK FROM DISTRIBUTION BOX TO SEPTIC TANK. NET OPENING PROPOSED INLET PIPE ALLOWING AIR CONNECTION TO BUILDING SEWER PLUMBING VENT STACK.

THE INTENT OF THIS PLAN IS TO PROVIDE THE STATE ENVIRONMENTAL CODE, AS AMENDED NOT BEING, AND NOTED IN THE FOLLOWING FEDERAL CONFORMANCE TO ACHIEVE MAINTENANCE.

VARIANCE REQUESTS:

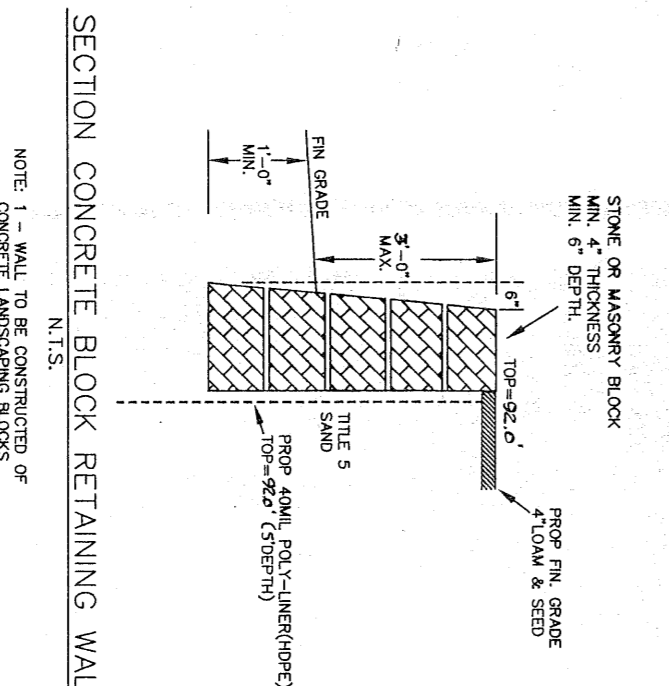
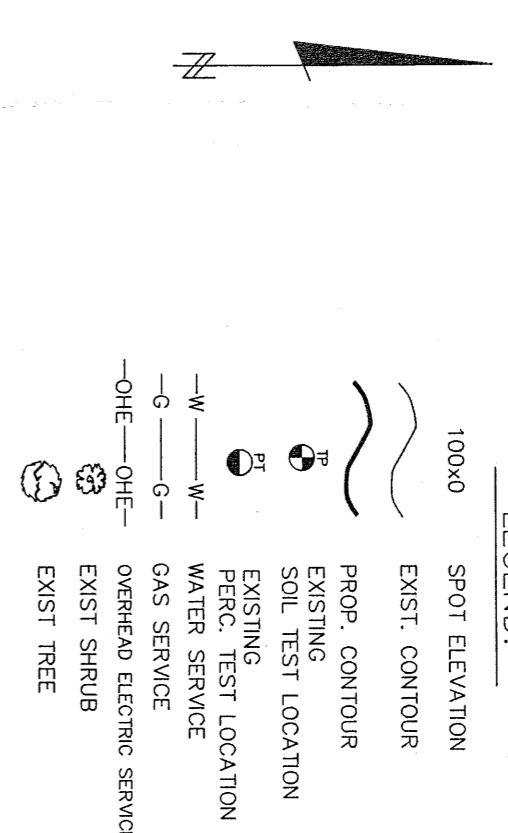
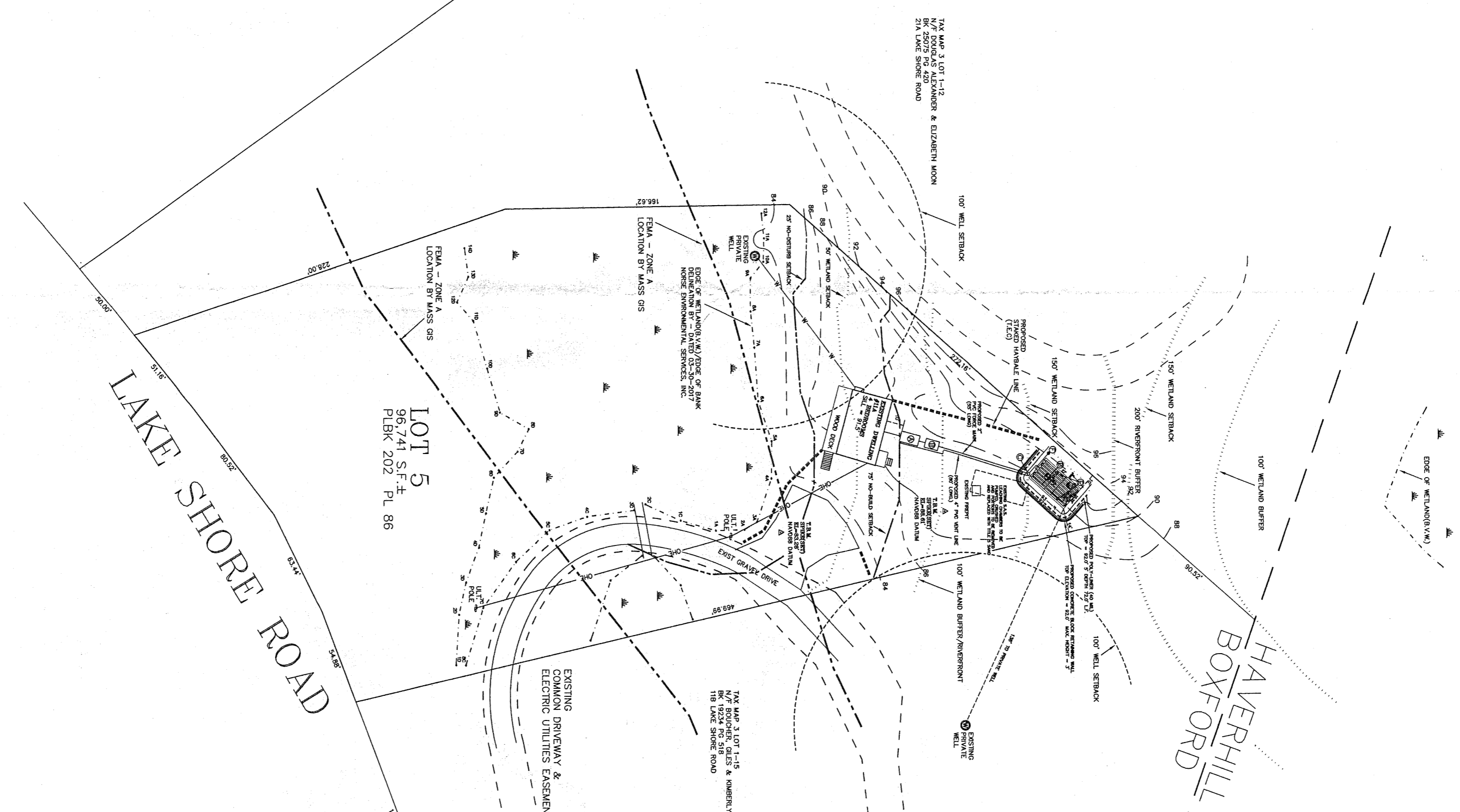
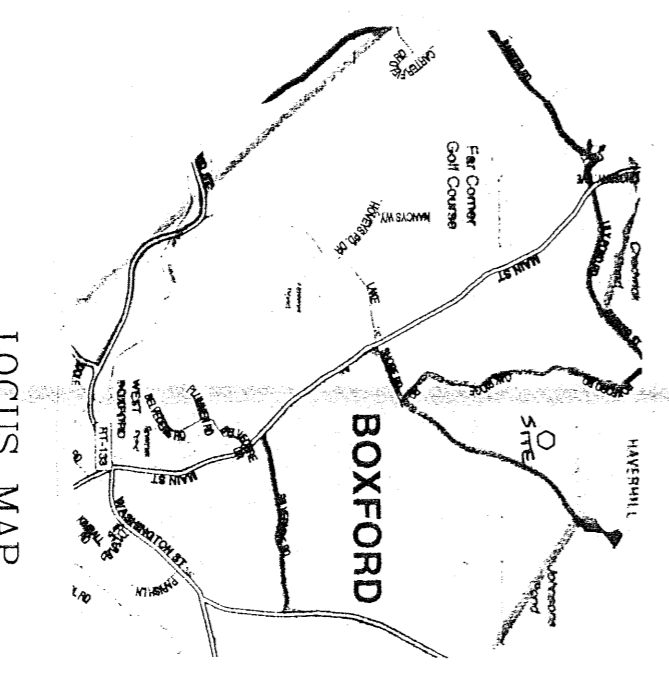
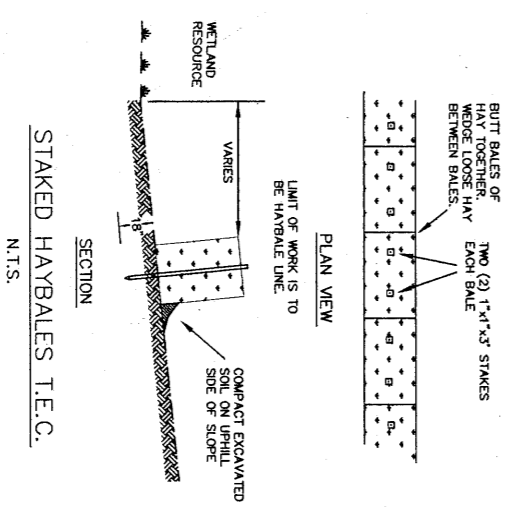
- 1 - VARIANCE FROM 1500-GALLON PUMP CHAMBER TO 1500-GALLON PUMP CHAMBER WITH 8" STONE BENEATH.
- 2 - VARIANCE FROM 1500-GALLON PUMP CHAMBER TO 1500-GALLON PUMP CHAMBER WITH 8" STONE BENEATH.
- 3 - VARIANCE FROM 1500-GALLON PUMP CHAMBER TO 1500-GALLON PUMP CHAMBER WITH 8" STONE BENEATH.

SEPTIC TANK NOTE:
 A GAS SHUT-OFF SHALL BE INSTALLED AT THE FILTER. THE GAS SHUT-OFF SHALL BE INSTALLED AT THE COMPARTMENT OUTLET TEE.
 ALL INLETS AND OUTLETS OF THE PROPOSED TANKS SHALL BE ROBBERS STOP.
 MIN. SEPTIC TANK CAPACITY REQUIRED:
 600 GPD X 3 DAYS = 1800 GALLONS
 1500 GALLON PUMP CHAMBER
 1500 GALLON PUMP CHAMBER

CONTRACTOR SPECIFICS TO THE SYSTEM OWNER:

- 1 - THE SYSTEM IS PROPOSED AS A SEPTIC SYSTEM. THE SYSTEM IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 2 - THE OWNER OF THE SYSTEM SHALL AT ALL TIMES PROPERLY OPERATE AND MAINTAIN THE ON-SITE SEWAGE DISPOSAL SYSTEM.
- 3 - THE OWNER SHALL FURNISH THE DEPARTMENT ANY INFORMATION THAT THE DEPARTMENT MAY REQUIRE TO VERIFY THE PERFORMANCE OF THE SYSTEM WITHIN 21 DAYS OF THE DATE OF RECEIPT OF THIS REQUEST.
- 4 - NO OWNER SHALL AUTHORIZE OR ALLOW THE INSTALLATION OF THE SYSTEM OTHER THAN BY A PERSON TRAINED BY THE COMPANY TO INSTALL THE SYSTEM.

CERTIFICATIONS:
 NO PART OF THIS SYSTEM IS WITHIN AN AREA NOTED BY THE DEPARTMENT AS A WETLAND OR A WETLAND RESERVE AREA. NO PART OF THIS SYSTEM IS WITHIN 400 FEET OF PUBLIC WATER. NO PART OF THIS SYSTEM IS WITHIN 200 FEET OF TRAILWAYS TO PUBLIC AND SURFACE WATER WITHIN 100 FEET OF A PRIVATE WATER SUPPLY (WELL). WATER SUPPLY (WELL) IS WITHIN A WETLAND RESERVE AREA AS DETERMINED BY DEP. THE 100' BUFFER ZONE OF A WETLAND RESERVE AREA AS DETERMINED BY 310 CMR 10.00, THE WETLAND PROTECTION ACT.



SYSTEM LOCATION PLAN
 SCALE 1" = 40'

Engineering Land Services, L.L.C.
 P.O. BOX 41
 WEST NEWBURY, MASS. 01985
 TEL: 978-815-6744 & FAX: 978-462-6800
 EMAIL: MASSPLSRG@AOL.COM

OWNER: ARP INVESTMENTS, INC.
 TAX MAP 3 LOT 1-13
 LOCUS DEED: BK 35756 PG 324

LOCATION: 11A LAKE SHORE ROAD
 BOXFORD, MA 01921

COMMONWEALTH OF MASSACHUSETTS
 ROBERT M. GRASSO
 NO. 40215
 PROFESSIONAL LAND SURVEYOR

STATE OF MASSACHUSETTS
 STANTON WARREN
 NO. 2841
 PROFESSIONAL ENGINEER

REVISIONS:

DRAWN: RMG
 CHECKED: SWB
 SCALE: 1"=40'
 DATE: 05-30-2017
 DWG No. VAD/REP/BOX/11ALAKE SHORE

SHEET No. 1 OF 2