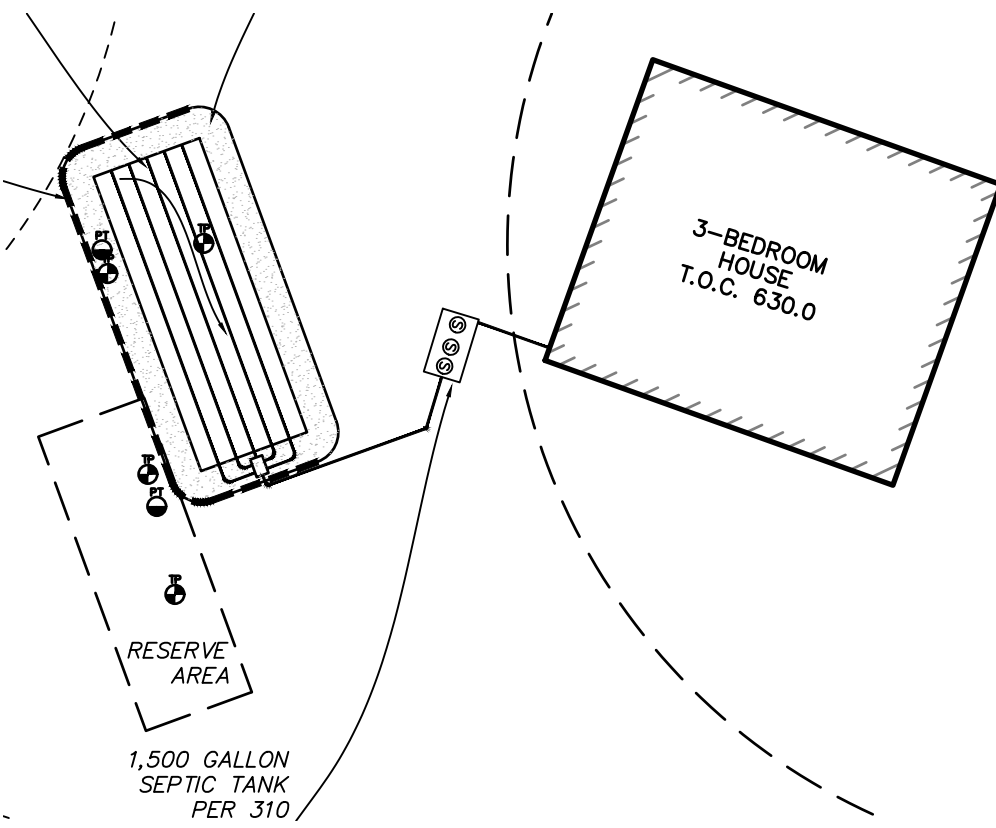


DESIGN	CRITERIA
TYPE OF ESTABLISHMENT	4 BEDROOM RESIDENTIAL
DESIGN FLOW	440 G.P.D.
SEPTIC TANK CAPACITY	NEW 1500 GAL. SEPTIC TANK
LEACHING CAPACITY REQUIRED	440 GPD / 0.60 = 734 SQ. FT. REQUIRED
LEACHING CAPACITY PROVIDED	50'-0" X 15'-0" LEACHBED = 750 SQ. FT.

TEST PIT DATA	
SOIL EVALUATOR: JASON DUBOIS	
WITNESSED BY: TOM PURCELL	
DATE: 8/14/2020	
APPLICANT: RICK LEBLANC	
TEST PIT # 1	TEST PIT # 2
0"-6" A SL 10YR 3/2 6"-26" B SL 10YR 4/6 26"-80" C SL 10YR 5/3	0"-6" A SL 10YR 3/2 6"-28" B SL 10YR 4/6 28"-84" C SL 10YR 5/3
REDOX @ 48"	REDOX @ 48"
GROUND WATER ELEV (OBSERVED) N/A	GROUND WATER ELEV (OBSERVED) N/A
MOTTLING ELEV (OBSERVED) -48"	MOTTLING ELEV (OBSERVED) -48"
REFUSAL ELEV N/A	REFUSAL ELEV N/A
TEST PIT # 3	TEST PIT # 4
0"-6" A SL 10YR 3/2 6"-30" B SL 10YR 4/6 30"-80" C SL 10YR 5/3	0"-6" A SL 10YR 3/2 6"-26" B SL 10YR 4/6 26"-80" C SL 10YR 5/3
REDOX @ 48"	REDOX @ 48"
GROUND WATER ELEV (OBSERVED) N/A	GROUND WATER ELEV (OBSERVED) N/A
MOTTLING ELEV (OBSERVED) -48"	MOTTLING ELEV (OBSERVED) -48"
REFUSAL ELEV N/A	REFUSAL ELEV N/A

AS BUILT INFORMATION

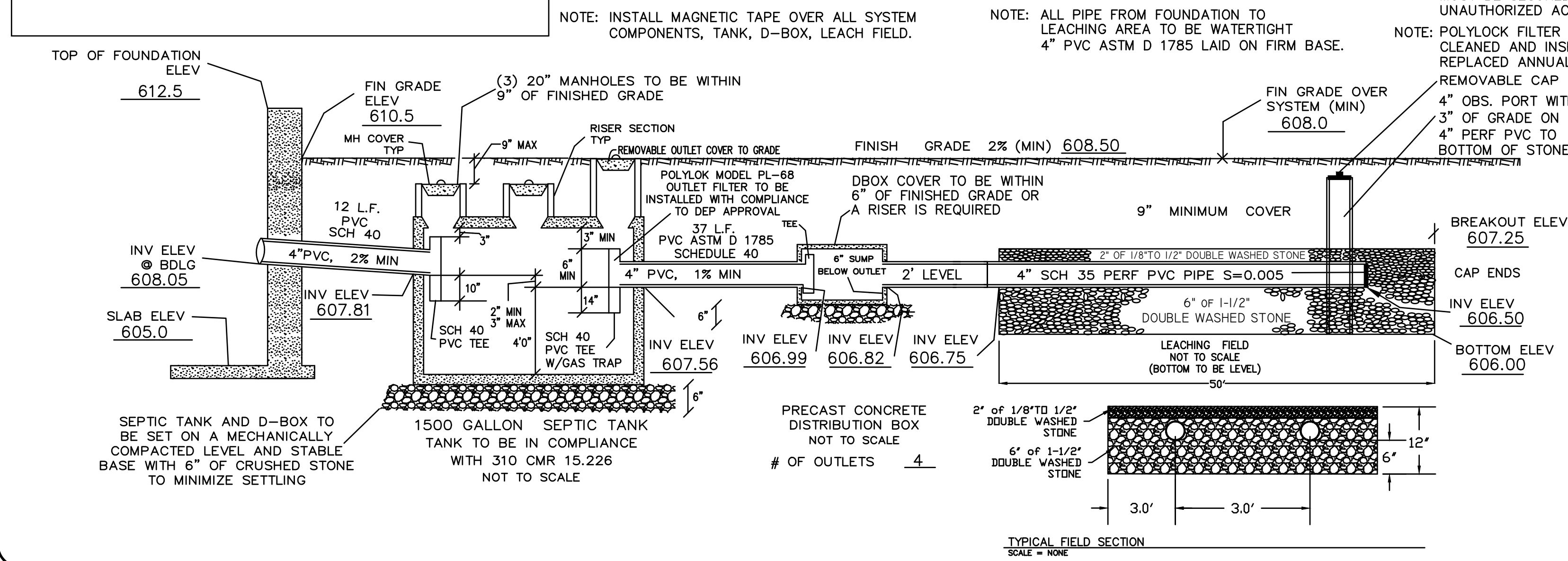
SYSTEM INSPECTION DATE:
SYSTEM CONSTRUCTED BY:



AS-BUILT NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT A LETTER CERTIFYING THAT THE SEWER GRAVEL INSTALLED MEETS TITLE V SEWER ANALYSIS REQUIREMENTS TO DC ENGINEERING PRIOR TO THE SUBMISSION OF THE AS-BUILT. DC ENGINEERING IS NOT RESPONSIBLE FOR THE SIEVE ANALYSIS.

DISPOSAL SYSTEM CROSS SECTION



- GENERAL NOTES**
- ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE LOCAL BOARD OF HEALTH
 - ALL SITE WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH TITLE 5
 - ANY CONDITIONS DURING CONSTRUCTION THAT DIFFER FROM THOSE ENCOUNTERED DURING TESTING SHALL BE REPORTED TO DC ENGINEERING AND THE LOCAL BOARD OF HEALTH IMMEDIATELY.
 - REMOVE ALL TOPSOIL & SUBSOIL FOR A DISTANCE OF 5 FEET AROUND SYSTEM
 - FILL MATERIAL FOR SYSTEMS CONSTRUCTED IN FILL SHALL CONSIST OF SELECT ON-SITE OR IMPORTED SOIL MATERIAL. THE FILL SHALL BE COMPRISED OF CLEAN GRANULAR SAND, FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES. MIXTURES AND LAYERS OF DIFFERENT CLASSES OF SOIL SHALL NOT BE USED. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN 2 INCHES. A SIEVE ANALYSIS, USING A #4 SIEVE, SHALL BE PERFORMED ON A REPRESENTATIVE SAMPLE OF THE FILL. UP TO 45% BY WEIGHT OF THE FILL SAMPLE MAY BE RETAINED ON THE #4 SIEVE. FOR FURTHER INFORMATION SEE 310CMR 15:255(3).
 - OFFSETS ARE NOT TO BE USED FOR THE REPRODUCTION OF PROPERTY LINES.
 - ALL ELEVATIONS REFER TO AN ASSUMED DATUM.
 - NO ADDITIONAL CAPACITY HAS BEEN PROVIDED FOR A GARBAGE DISPOSAL.(NOT ALLOWED)
 - NO ADDITIONAL CAPACITY HAS BEEN PROVIDED FOR A WATER SOFTNER.(NOT ALLOWED)
 - THE PROPOSED SITE IS SUBJECT TO THE WETLANDS PROTECTION ACT.**
 - THE PROPOSED PROJECT DOES NOT FALL WITHIN A FLOOD HAZARD ZONE.
 - THE SEPTIC TANK SHOULD BE INSPECTED AND PUMPED EVERY 2 YEARS.
 - ALL EXISTING OR PROPOSED WELLS AND SEPTIC SYSTEMS WITHIN 150 FEET OF THE PROPOSED CONSTRUCTION ARE SHOWN OR NOTED TO THE BEST OF OUR KNOWLEDGE.
 - ALL WETLANDS, BROOKS, BODIES OF WATER AND FLOOD HAZARD ZONES WITHIN 200 FEET OF THE PROPOSED CONSTRUCTION ARE SHOWN OR NOTED TO THE BEST OF OUR KNOWLEDGE.
 - INSPECTIONS REQUIRED FOR ASBUILT CERTIFICATION * SEE ASBUILT NOTE *
 - A. BOTTOM INSPECTION PRIOR TO THE INSTALLATION OF SEWER GRAVEL.
 - B. ALL COMPONENTS OF SEPTIC SYSTEM MUST BE COMPLETE AND VISIBLE PRIOR TO REQUESTING A FINAL INSPECTION
 - DIG SAFE TO NOTIFIED PRIOR TO CONSTRUCTION AT 1-888-DIGSAFE.
 - INSTALL MAGNETIC TAPE OVER ALL SYSTEM COMPONENTS, TANK, D-BOX, LEACH AREA.
 - HYDRAULIC CEMENT IS REQUIRED TO SEAL ALL CONNECTIONS AT THE SEPTIC TANK AND D-BOX LEACHING AREA TO BE WATERTIGHT 4" PVC ASTM D 1785 LAID ON FIRM BASE.

PERCOLATION TEST DATA

SOIL EVALUATOR: JASON DUBOIS
WITNESSED BY: TOM PURCELL
DATE: 8/14/2020

DEPTH:	1	2
FIELD RATE:	9 MPI	10 MPI
DESIGN RATE:	10 MPI	10 MPI
SOIL CLASSIFICATION:	2	2
L.T.A.R.	0.60	0.60

SYMBOL KEY

- STONE WALL
- BOUND
- IRON PIPE
- DRILL HOLE
- UTILITY POLE
- WELL
- TEST PIT
- PERC TEST
- BENCH MARK

TOWN OF CHARLTON ZONING

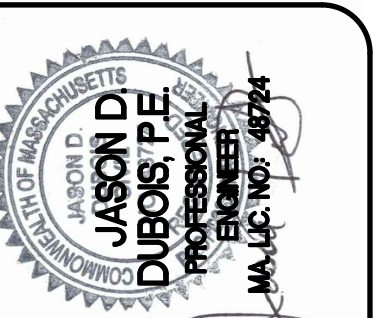
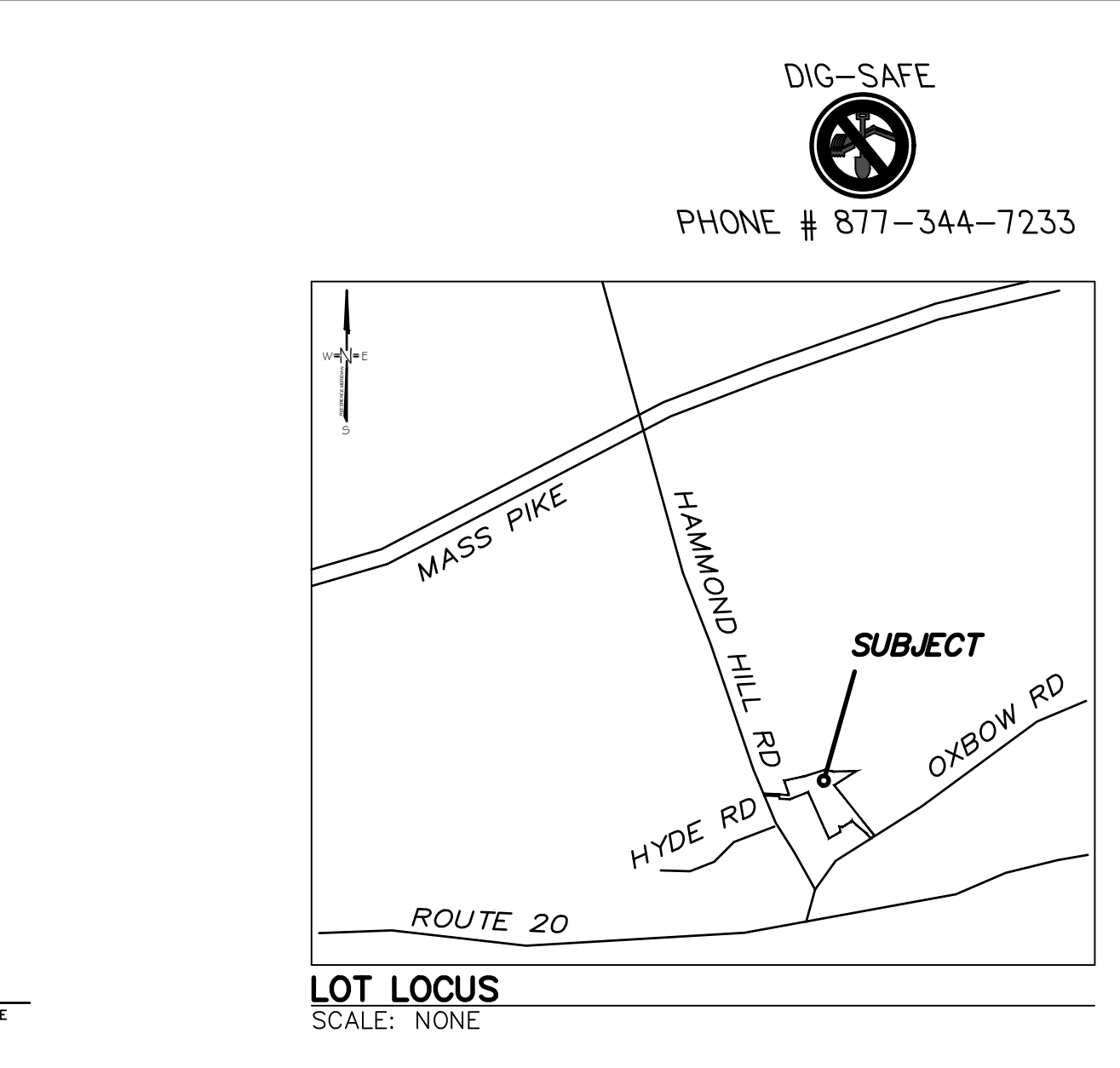
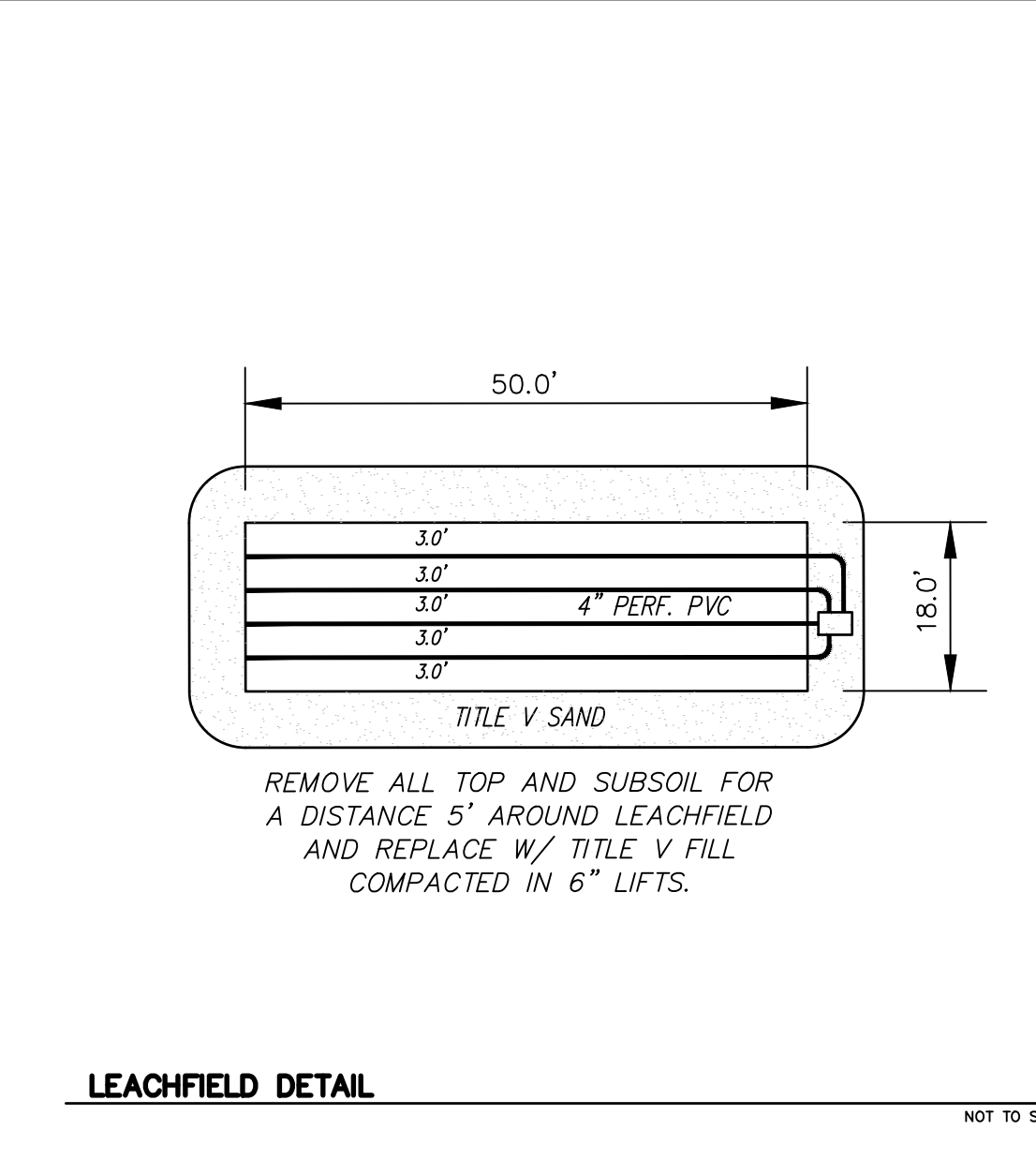
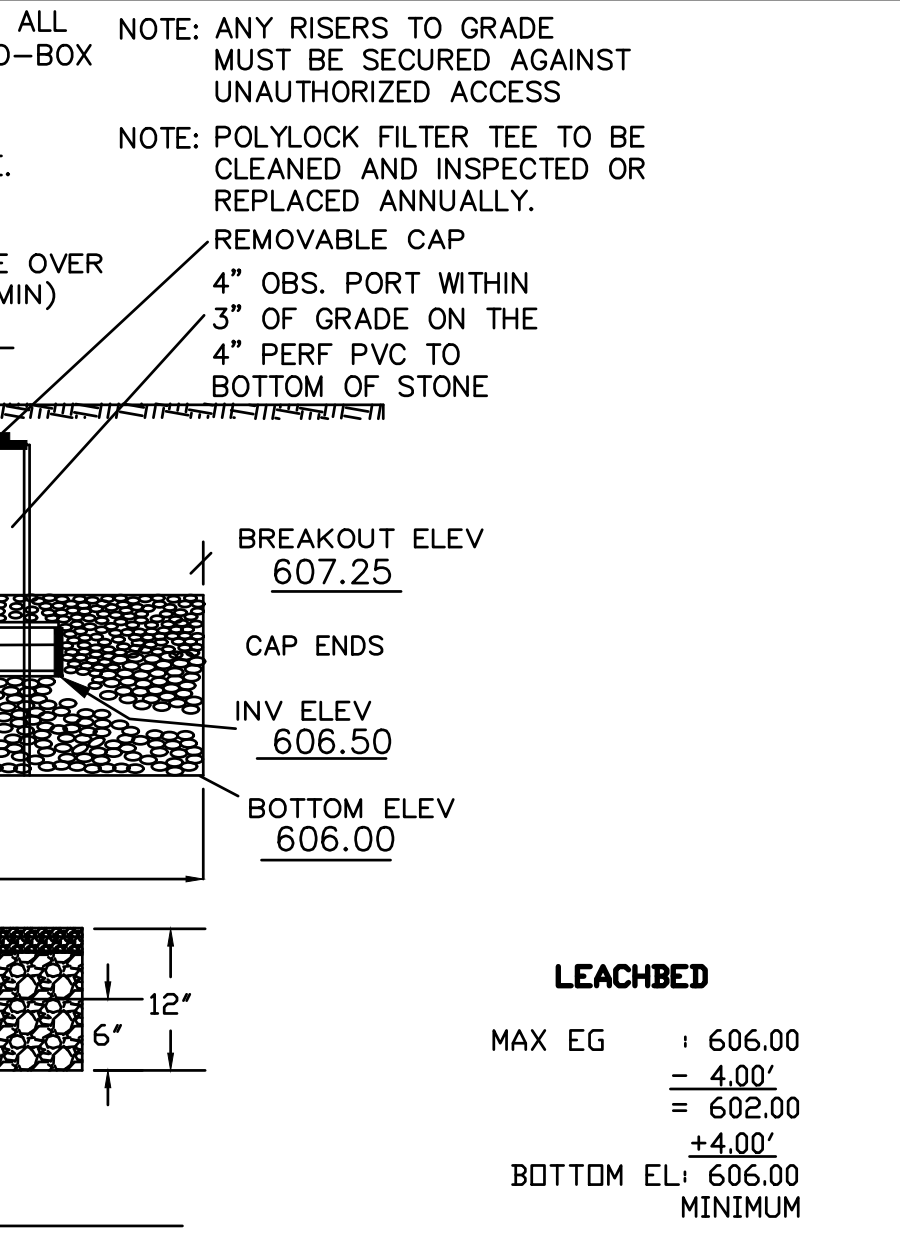
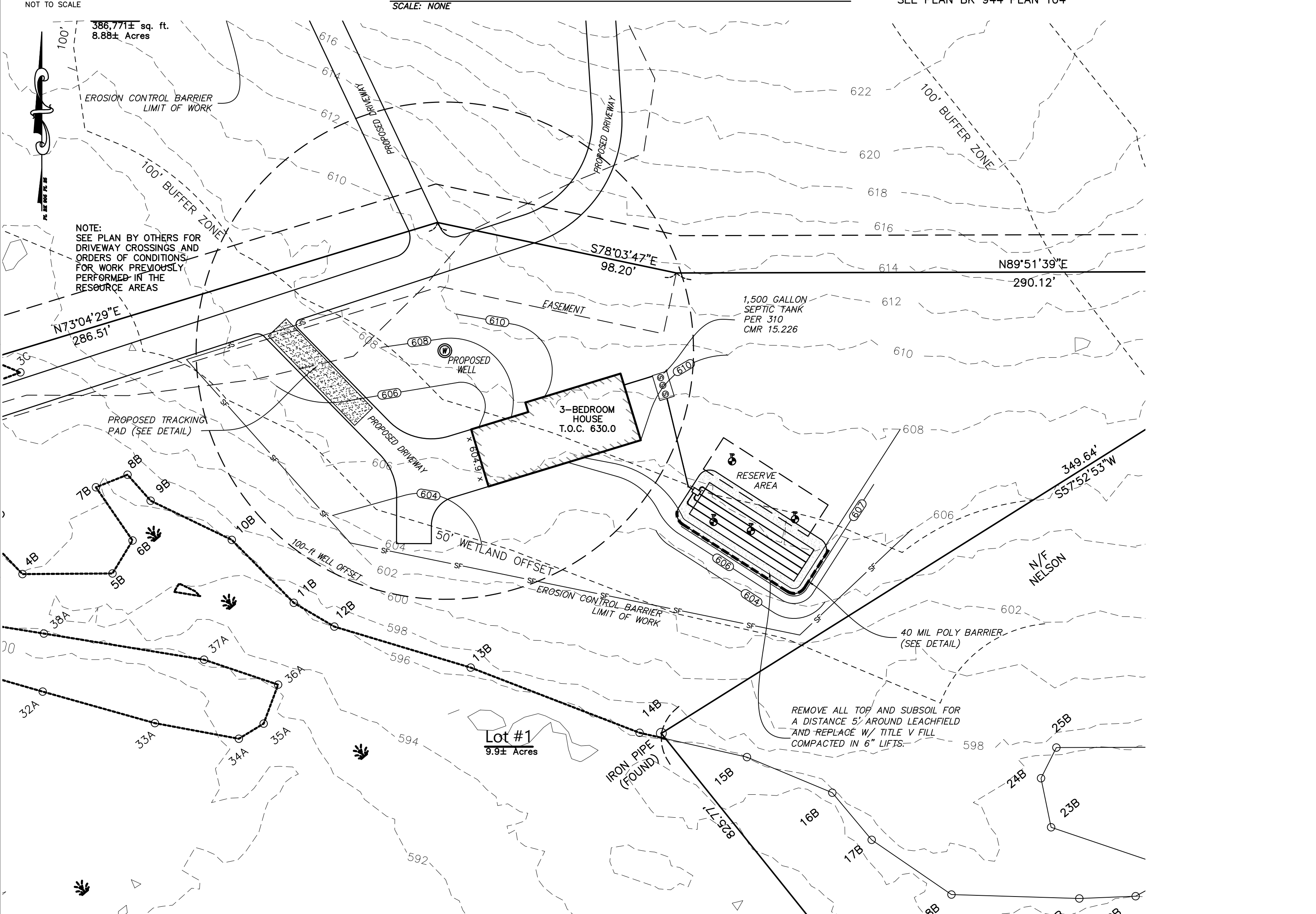
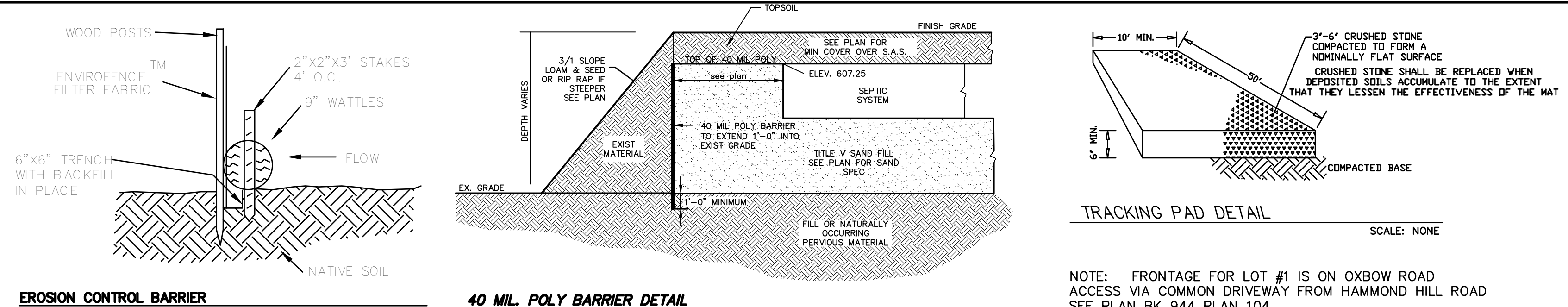
DISTRICT - A
AREA - 60,000 S.F.
FRONTAGE - 175'
FRONT - 30 FT.
SIDE - 15 FT.
REAR - 30 FT.
*SEE REDUCED FRONTAGE PROVISIONS

(REDUCED FRONTAGE)
MINIMUM FRONTAGE - 50 FT.
MINIMUM LOT WIDTH - 50 FT.
MINIMUM LOT AREA - 5 ACRES
MINIMUM BUILDING SETBACK - 200 FT.
MINIMUM TWO THIRDS OF REQUIRED LOT AREA TO BE UPLANDS

SURVEYOR: LAPRAD LAND SURVEYING
145 WEST STURBRIDGE ROAD
EAST BROOKFIELD, MA 01515
774-239-4452

WETLAND DELINEATION PERFORMED BY E.B.T. ENVIRONMENTAL CONSULTANTS, INC. BETWEEN THE DATES OF 1-11-15, 4-28-17, 10-16-17 & 2-07-18.

GRAPHIC SCALE
1 inch = 30 ft.



JEREMY S. CROTEAU, P.L.S.
PROFESSIONAL LAND SURVEYOR
MA, LIC. NO. 4672

NO.	DATE	REVISION

NORTH

DOC

508-769-6659
508-341-2127

RICK LEBLANC
SEPTIC SYSTEM PLAN

CLIENT: RICK LEBLANC
PO BOX 706
CHARLTON, MA

SITE ADDRESS: LOT 1 - HAMMOND HILL ROAD
CHARLTON, MA

PHONE # 877-344-7233

DRAWN BY: JDD
CR'D BY: JDD
DATE: 8-28-2020
PROJECT #: 20-168

REV # 0
SCALE: 1"=30'
DWG. NO.: S-1