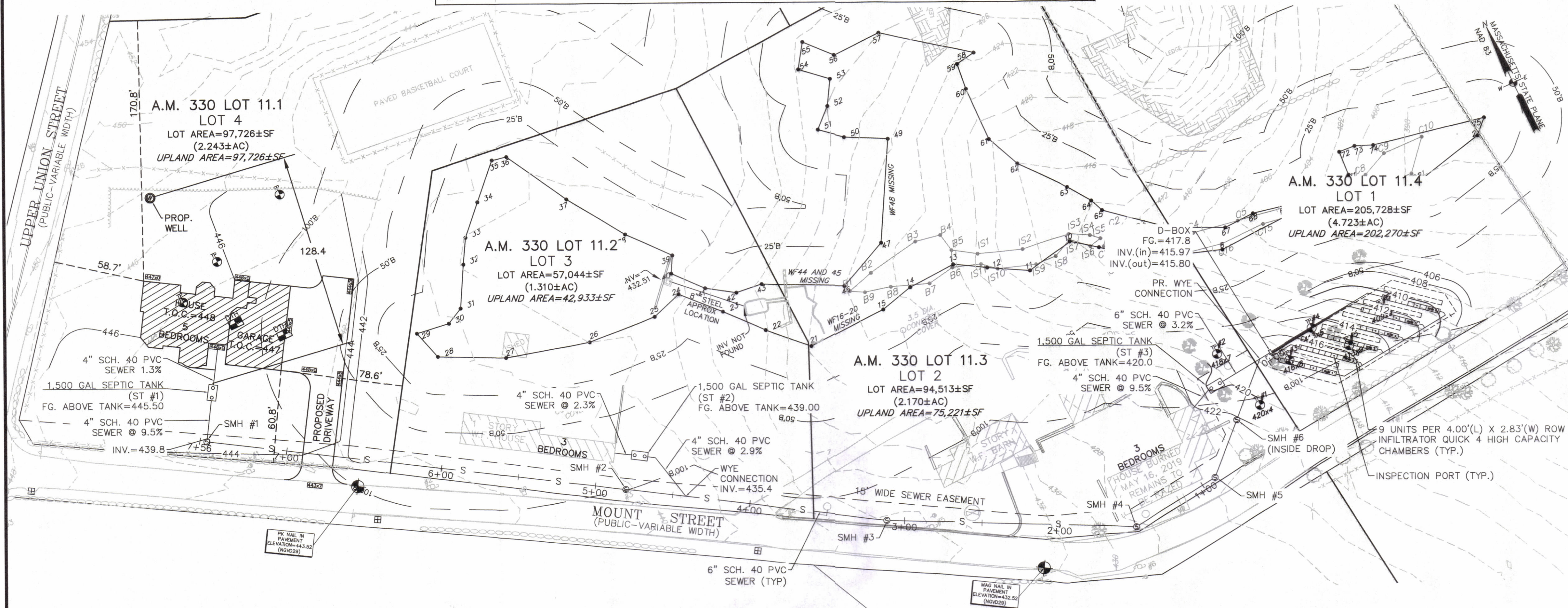
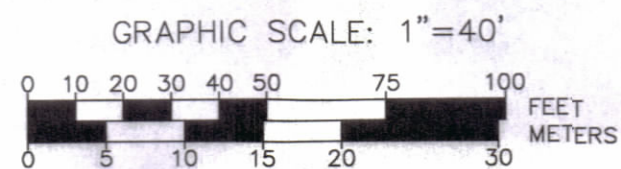


SEPTIC SYSTEM EXCAVATION SHALL BE INSPECTED BY DESIGN ENGINEER PRIOR TO FOUNDATION CONSTRUCTION



NOTE:

- DURING THE COMPLETION OF THIS PLAN THE LOCATION OF THE EXISTING WELLS FOR LOTS 2 AND 3 HAVE NOT BEEN IDENTIFIED AND WILL NEED TO BE FIELD VERIFIED PRIOR TO START OF CONSTRUCTION.
- FOR MAIN SEWER RIM AND INVERT INFORMATION SEE SHEET 2, "SEPTIC PLAN AND PROFILE".



SEPTIC TANK DESIGN ELEVATIONS

SEPTIC TANK - ST #1

TOP OF FOUNDATION	448.00
SLAB ELEVATION	440.50
INV. AT HSE	443.00
INV. AT SEPTIC TANK INLET	442.65
INV. AT SEPTIC TANK OUTLET	442.40

SEPTIC TANK - ST #2

TOP OF FOUNDATION	440.50
SLAB ELEVATION	439.75
INV. AT HSE	437.00
INV. AT SEPTIC TANK INLET	436.75
INV. AT SEPTIC TANK OUTLET	436.50

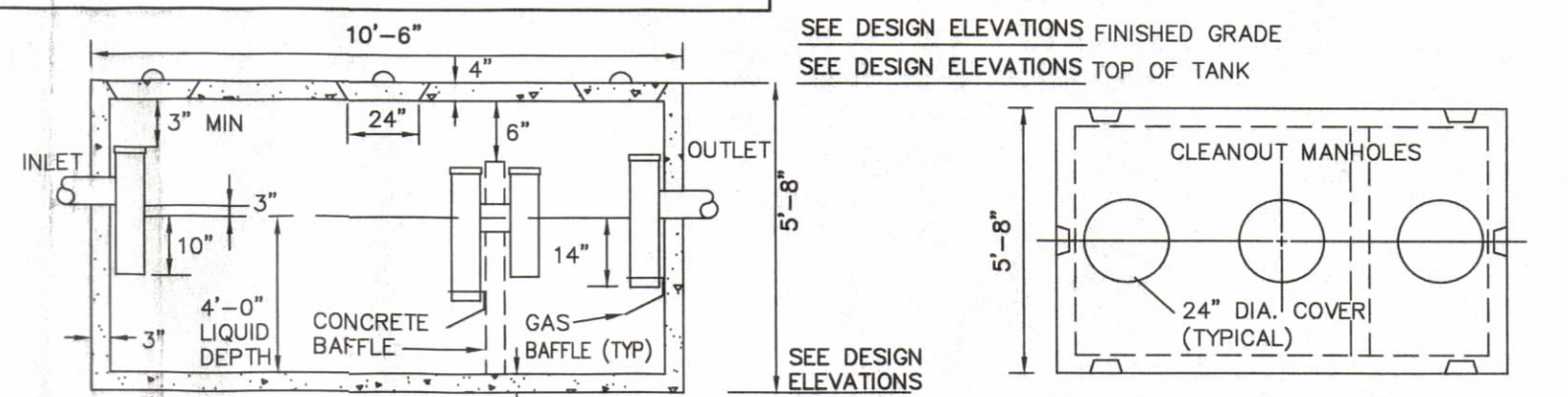
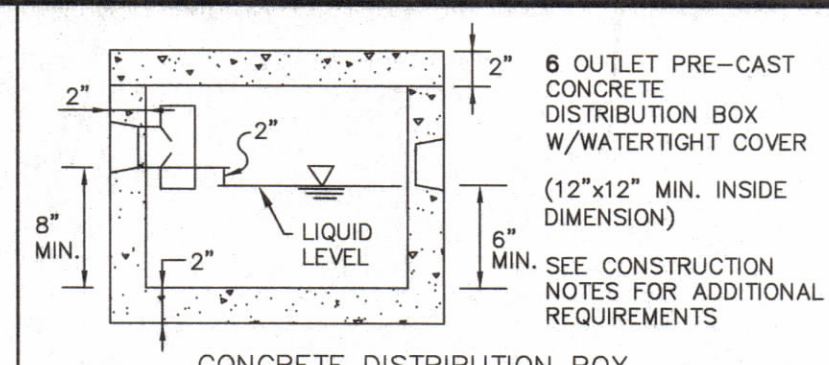
SEPTIC TANK - ST #3

TOP OF FOUNDATION	423.00
SLAB ELEVATION	421.85
INV. AT HSE	418.85
INV. AT SEPTIC TANK INLET	417.35
INV. AT SEPTIC TANK OUTLET	417.10

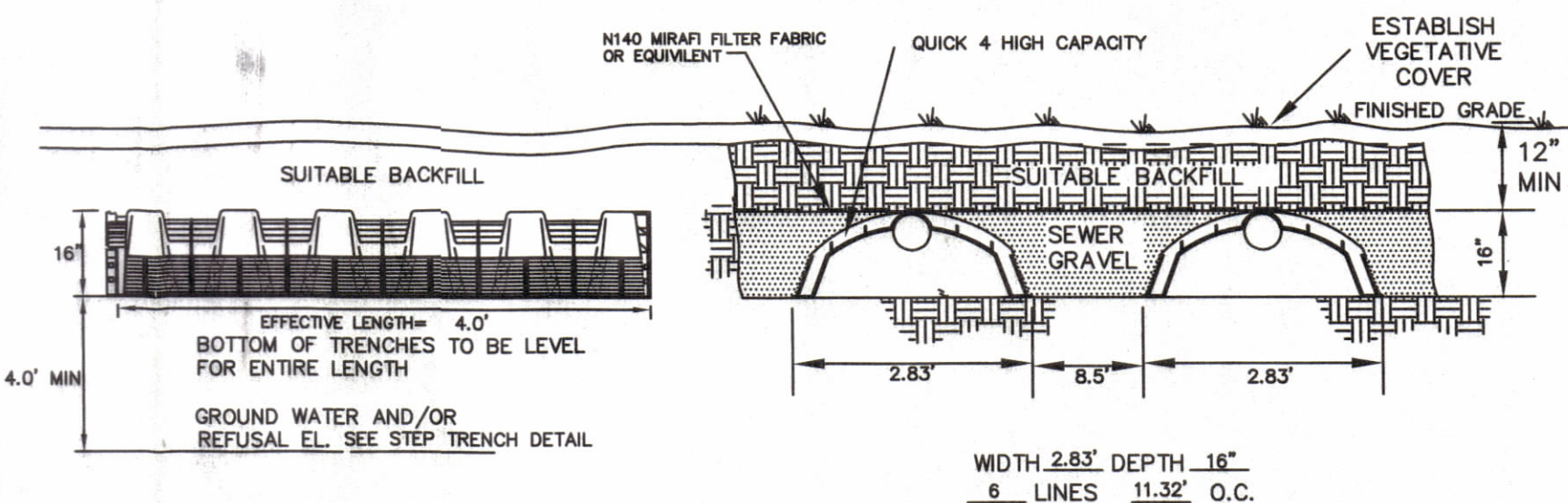
CONVENTIONAL FACILITY DESIGN CRITERIA

DESIGN FLOW:
11 BEDROOMS x 110 GAL/DAY = 1,210 GPD
LEACHING AREA 6.83 SF/LF (2.83+2+2)
1,635.1 SF / 6.83 SF/LF = 239.4 LF REQ'D
239.4 LF / 6 TRENCHES = 39.9 LF/TRENCH
239.4 LF x 6.83 SF/LF = 1,635.1 SF

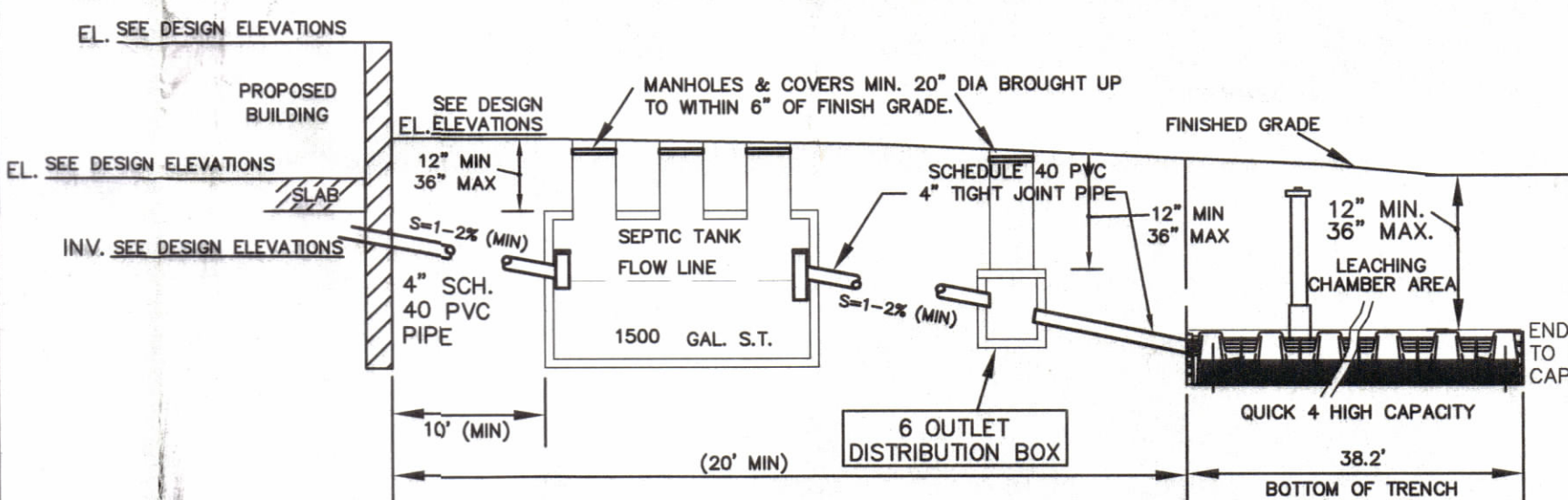
MINIMUM ZONING REQUIREMENTS	
ZONING DISTRICT	RURAL RESIDENTIAL I
AREA	40,000 SF
FRONT YARD SETBACK	40'
SIDE YARD SETBACK	40'
REAR YARD SETBACK	40'



- NOTES:
- TANK TO CONFORM WITH ASTM STANDARD C1227.
 - CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS (TANK TO BE H-20 RATED).
 - HORIZONTAL JOINTS TO BE SEALED WITH BUTYL RUBBER.
 - INSTALL CORROSION RESISTANT GAS BAFFLES BY TUF-TITE, OR EQUIVALENT APPROVED BY THE ENGINEER, ON OUTLET TEE.
 - ACTUAL DIMENSIONS MAY VARY ACCORDING TO MANUFACTURER. COORDINATE DIMENSIONS AND FINISH GRADES WITH TANK SUPPLIER.
 - BUOYANCY CALCULATIONS REQUIRED FOR SEPTIC TANKS INSTALLED IN GROUNDWATER.
 - SEE CONSTRUCTION NOTES FOR ADDITIONAL REQUIREMENTS.
- OUTLET TEE DIMENSIONS
- | SEPTIC TANK | DEPTH OF OUTLET TEE BELOW FLOW LINE |
|-------------|-------------------------------------|
| 4 FEET | 19 INCHES |
| 5 FEET | 24 INCHES |
| 6 FEET | 29 INCHES |
| 7 FEET | 34 INCHES |
| 8 FEET | 39 INCHES |



CROSS SECTION
NOT TO SCALE



TYPICAL PROFILES

NOTE: LEACHING LINES TO EXTEND 2' INTO D.B. AND THE FIRST 2' ARE TO BE LEVEL.

DEEP TESTS TAKEN 7/29/22 BY MAH				PERC. TESTS TAKEN 7/29/22 BY MAH			
WITNESSED: STEVEN DONATELLI				WITNESSED: STEVEN DONATELLI			
SOIL EVALUATOR: MIKE HASSETT				SOIL EVALUATOR: MIKE HASSETT			
420.4 TP# 1	N/A	WATER	N/A	416.8 TP# 3	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-7"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	416.2	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	7'-24"	24"	30"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		414.5	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-90"		
2.5Y5/4				2.5Y5/4			
413.4				409.3			
PERC. 4 MIN./INCH				PERC. 4 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	413.5 TP# 4	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	413.0	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		411.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

420.4 TP# 1	N/A	WATER	N/A	409.9 TP# 6	N/A	WATER	N/A
Ap S.L.	0'-4"	84"	84"	Ap S.L.	0'-6"	90"	90"
10YR3/2				10YR3/2			
420.1	N/A	MOTTLES	N/A	409.4	N/A	MOTTLES	N/A
Bw S.L.	4'-24"	34"	38"	Bw S.L.	6'-24"	34"	28"
10YR5/6				10YR5/6			
418.4	CLASS 1	SOILS		403.9	CLASS 1	SOILS	
C L.S./B.W.	24"-84"			C1 L.S.	24"-54"		
2.5Y5/4				C2 L.S./B.W.	54"-90"		
413.4				406.4			
PERC. 4 MIN./INCH				PERC. 5 MIN./INCH			

UTILITIES ARE PLOTTED AS A COMPILATION OF RECORD DOCUMENTS, MARKINGS, AND OTHER OBSERVED EVIDENCE TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES AND SHOULD BE CONSIDERED APPROXIMATE. LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY COMPLETELY AND RELIABLY DEPICTED. (ADDITIONAL UTILITIES, NOT EVIDENCED BY RECORD DOCUMENTS OR OBSERVED PHYSICAL EVIDENCE, MAY EXIST. CONTRACTORS (IN ACCORDANCE WITH MASS.G.L. CHAPTER 82, SECTION 40A AS AMENDED) MUST CONTACT ALL UTILITY COMPANIES BEFORE EXCAVATING AND DRILLING AND CALL DIGSAFE AT (888)DIG-SAFE(7233).

THE BUILDING OFFSETS AS SHOWN ON THIS PLAN ARE NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES OR FOR THE ESTABLISHMENT OF ANY PROPOSED CONSTRUCTION UNLESS SAID CONSTRUCTION IS SHOWN HEREON.

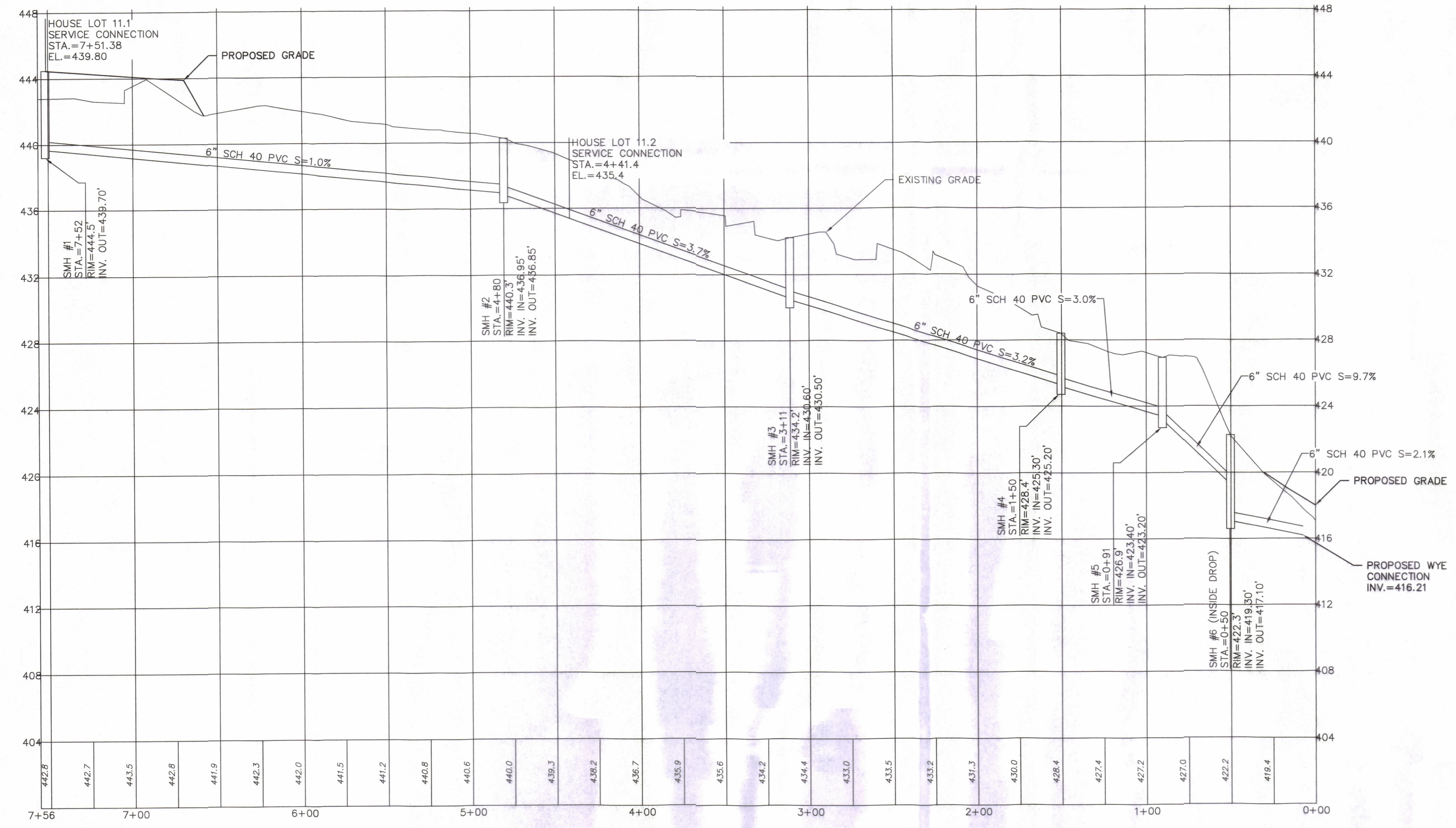
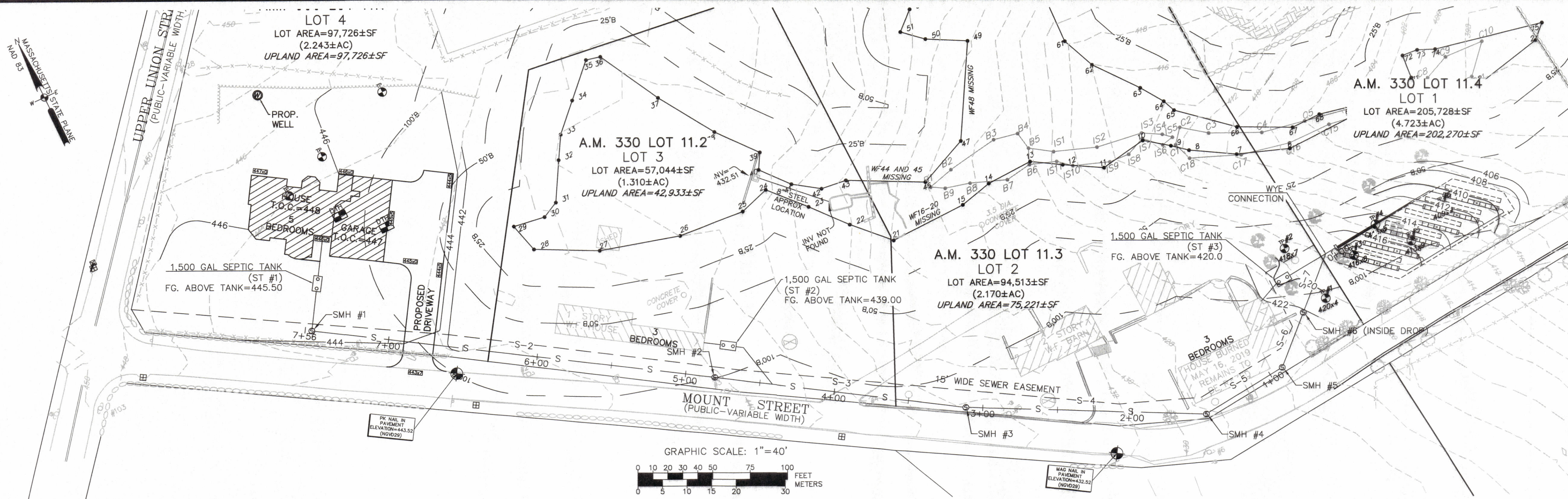
THIS PLAN WAS PREPARED FOR THE EXCLUSIVE USE AND PURPOSE FOR THE PARTY STATED HEREON AND SHALL NOT BE USED BY ANY THIRD PARTY WITHOUT THE EXPRESSED WRITTEN PERMISSION OF GUERRIERE AND HALNON, INC.

CONSTRUCTION ON THIS LAND IS SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY, RESTRICTIONS, RESERVATIONS, OR OTHER LIMITATIONS WHICH MAY BE REVEALED BY AN EXAMINATION OF THE TITLE.

LEGEND

SEPTIC TANK	S.T.
DISTRIBUTION BOX	D.B.
PUMP CHAMBER	P.C.
LEACHING TRENCH	L-1
EXISTING CONTOURS	420
PROPOSED CONTOURS	420
EXISTING ELEVATIONS	100.0
PROPOSED ELEVATIONS	100.0
EDGE OF WETLANDS	B.M.
BENCHMARK	W
PUBLIC WATER	G
GAS SERVICE	C
PERC TEST HOLE	+
DEEP TEST HOLE	+
PRIVATE WATER SUPPLY	W
TOP OF CONCRETE	TOC

- NOTES:
- THIS SITE IS REFERENCED AS DEED BOOK 35840 PAGE 048 IN THE NORFOLK REGISTRY OF DEEDS.
 - THIS SITE REFERS TO ASSESSORS ATLAS SHEETS PARCEL 011 LOTS 1, 2, 3, AND 4.
 - THERE ARE WETLANDS, WATER COURSES, ETC. WITHIN 100 FEET OF THE PROPOSED SEPTIC SYSTEM.
 - THIS SITE DOES NOT FALL WITHIN A FLOOD AREA BASED ON COMMUNITY PANEL: 25



SEWER MAIN
0+00 TO 7+56.09
SCALE: 1"=40' HORIZONTAL
1"=4' VERTICAL

SIGNATURE P.L.S.

DATE

ROBERT J. DUFF
No. 40707
CIVIL
REGISTERED PROFESSIONAL ENGINEER

SITE DEVELOPMENT & FACILITIES PLAN
FOR
LOTS 1, 2, 3, AND 4, 3 MOUNT STREET
IN
FRANKLIN, MASSACHUSETTS

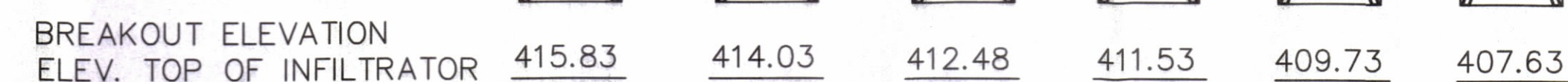
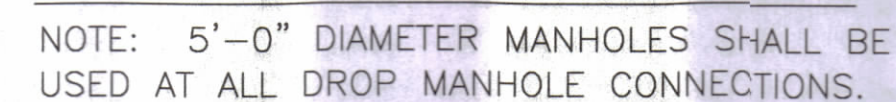
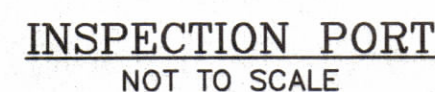
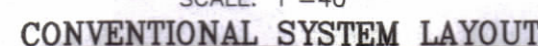
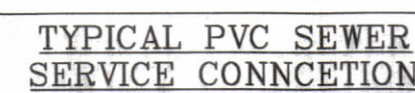
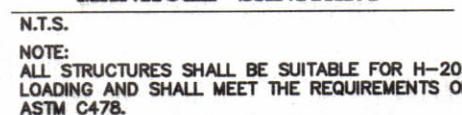
DATE: SEPTEMBER 28, 2022
REVISED: DESCRIPTION: SCALE: 1" = 40'

OWNER/APPLICANT: DONNA ADELSTEIN - THREE CHIMNEY FARMS, LLC
ADDRESS: 67 HAMMOND ROAD, CLINTON, CT 06413

Guerriere & Halon, Inc.
ENGINEERING & LAND SURVEYING
55 WEST CENTRAL STREET, FRANKLIN, MA 02038
(508) 528-3221 FAX: (508) 528-7921
WWW.GANDHENGINEERING.COM

SHEET 2 OF 3
DES. BY: KKP

F-4420



SCALE: 1" = 10'

SHEET 3 OF 3
DES. BY: KKP