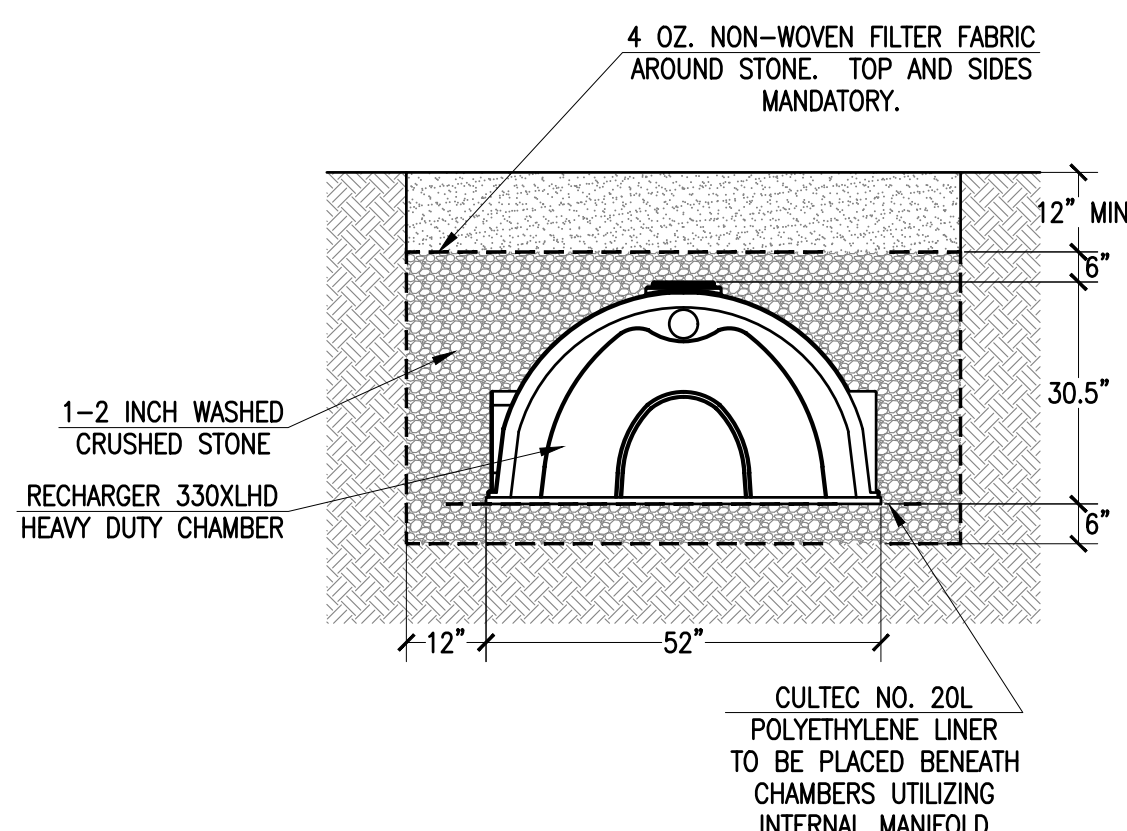
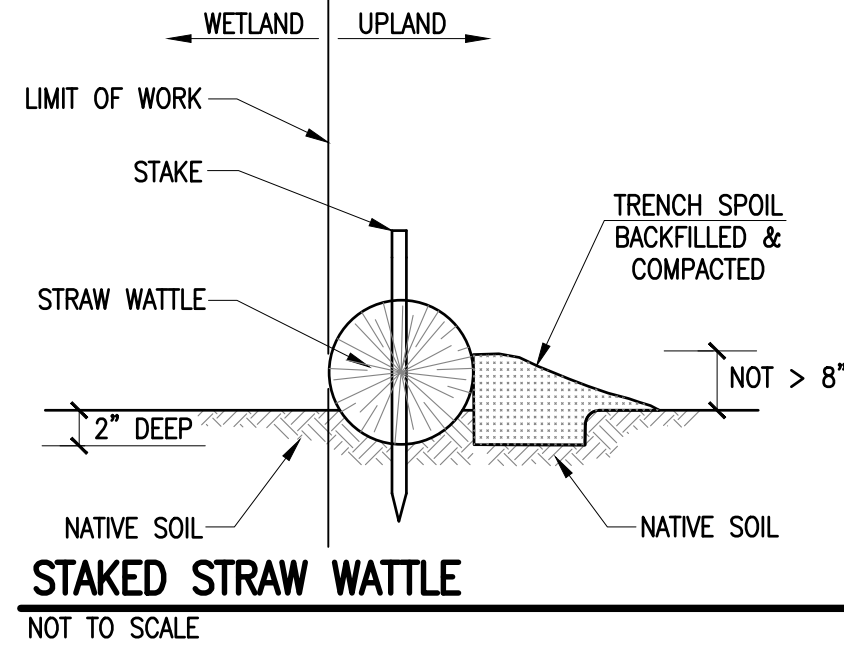


LOCUS MAP SCALE: 1"=2,000'±

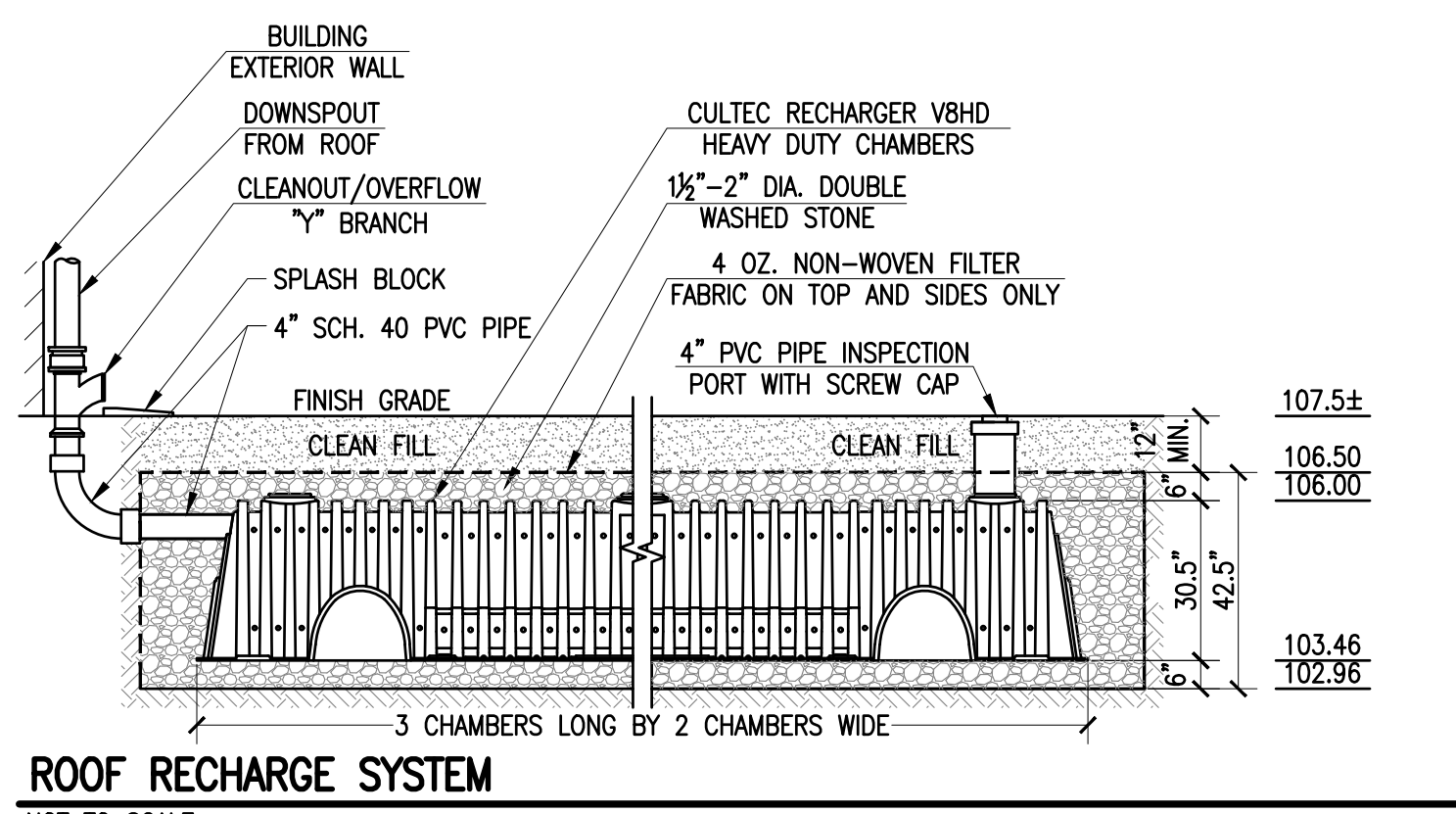
**ZONING DATA**

DISTRICT: RESIDENTIAL A

DESCRIPTION	REQUIRED	EXISTING	PROVIDED
LOT AREA	8,000 S.F.	56,192 SF.	56,192 SF.
LOT FRONTAGE	75 FT	90 FT	90 FT
FRONT SETBACK	20 FT	236.7 FT	223.8 FT
SIDE SETBACK	8/12 FT	48.1 FT	47.0 FT
REAR SETBACK	30 FT	54.2 FT	52 FT±
BUILDING COVERAGE (MAXIMUM)	30 %	3.1 %	6.2 %
LOT COVERAGE (MAXIMUM)	35 %	8.1 %	13.2 %



**CULTEC RECHARGER 330XLHD STANDARD CROSS SECTION**  
NOT TO SCALE



**ROOF RECHARGE SYSTEM**  
NOT TO SCALE

**RECORD OWNER:**  
ASSESSORS MAP 138 LOT 413  
PETER N. SILVA & JOYCELYN A. DEGBOR  
1309 SASSAQUIN AVENUE  
NEW BEDFORD, MA 02745  
DEED BOOK 11192 PAGE 105

**GENERAL CONSTRUCTION NOTES:**

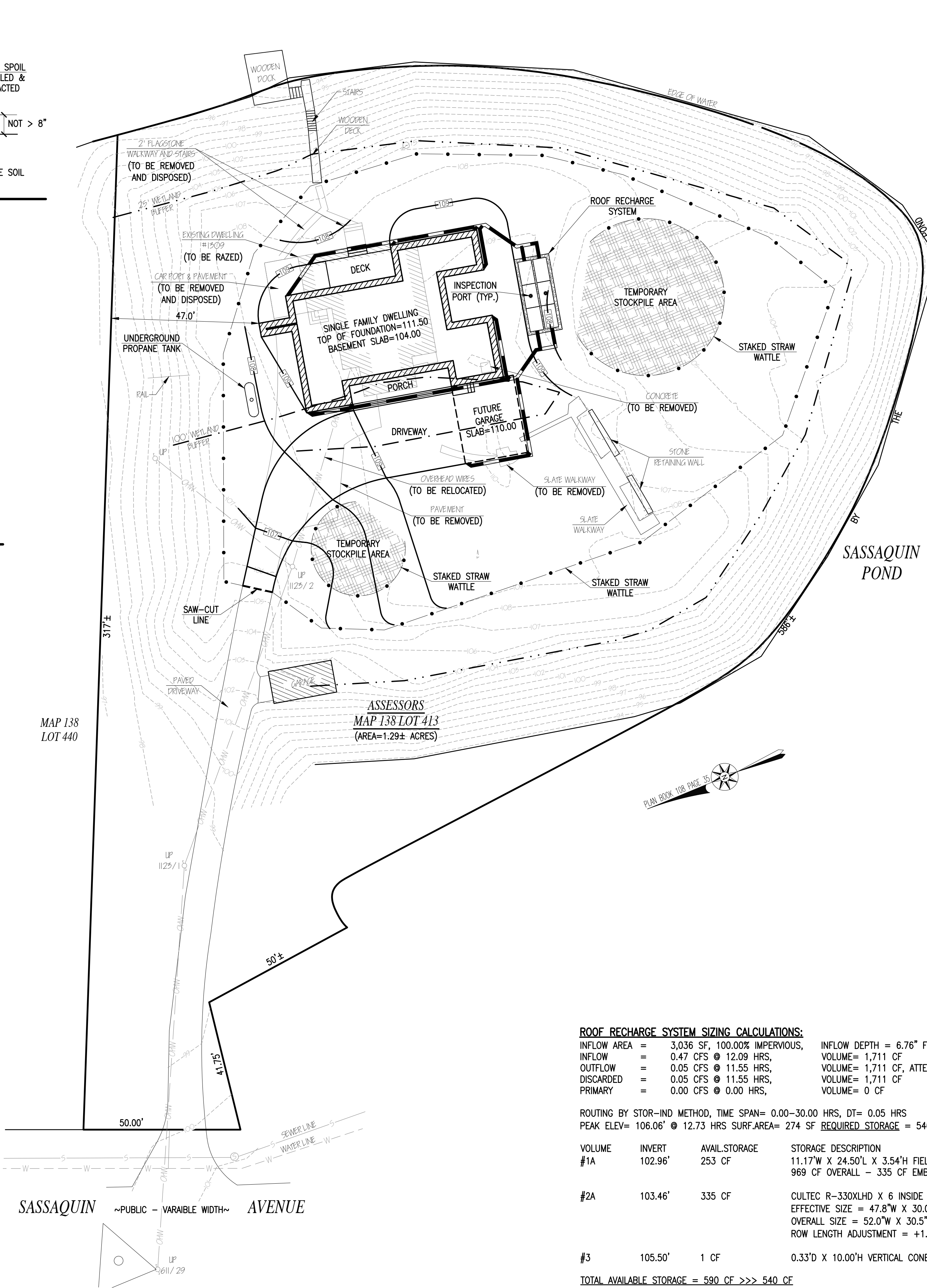
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- TOPOGRAPHIC AND PROPERTY LINE SURVEY PERFORMED BY FARLAND CORP. IN APRIL OF 2013.
- VERTICAL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL STANDARDS AND REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
- ALL BENCHMARKS SHOWN ON THIS PLAN ARE TO BE CHECKED FOR CONSISTENCY BY THE CONTRACTOR. ANY DISCREPANCIES MUST BE RESOLVED BY THIS OFFICE PRIOR TO CONSTRUCTION.
- WHERE PROPOSED PAVEMENT AND WALKS ARE TO MEET EXISTING, THE CONTRACTOR SHALL SAW-CUT A NEAT LINE AND MATCH GRADE. SEAL ALL JOINTS WITH HOT BITUMINOUS ASPHALT JOINT SEALER.
- ALL EXISTING TREES, SHRUBS AND GROUND COVER WHERE NATURAL GRADE IS TO BE RETAINED SHALL BE KEPT IN THEIR EXISTING STATE UNLESS REMOVAL IS REQUIRED FOR CONSTRUCTION PURPOSES.
- ALL AREAS DISTURBED BY CONSTRUCTION AND NOT TO BE PAVED OR OTHERWISE TREATED AS NOTED ON PLAN SHALL BE TREATED WITH 4" OF LOAM, SEEDING AND HAY MULCHED FOR EROSION CONTROL.
- THE CONTRACTOR SHALL PROTECT AND/OR CAP OFF ALL EXISTING ON-SITE UTILITY SERVICES ACCORDING TO THE LOCAL AUTHORITY'S SPECIFICATIONS. SERVICES SHALL BE CAPPED OFF WHERE SAME ENTER THE PERIMETER OF THE PROPERTY LINE.
- DUE TO THE UNKNOWN LOCATION OF THE STRUCTURES DOWNSPOUTS IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL DOWNSPOUTS ARE CONNECTED TO A ROOF RECHARGE SYSTEM AND THAT THE FLOWS TO EACH SYSTEM ARE PROPORTIONATELY DISTRIBUTED.
- CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
- ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION.
- THESE PLANS ARE PERMITTING PLANS AND SHALL NOT TO BE USED FOR CONSTRUCTION. A FINAL SET OF STAMPED PLANS FOR CONSTRUCTION WILL BE ISSUED AFTER RECEIVING FINAL APPROVAL FROM THE LOCAL AND/OR STATE DEPARTMENTS.

**SOIL EROSION AND SEDIMENT CONTROL NOTES:**

- THE CONSERVATION COMMISSION SHALL BE NOTIFIED, AT LEAST 72 HOURS PRIOR TO ANY LAND DISTURBANCE.
- A COPY OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION.
- SOIL EROSION AND SEDIMENT CONTROL PRACTICES IN THE PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY DEMOLITION GRADING OPERATIONS AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
- ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
- THE MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING AND IMMEDIATELY AFTER CONSTRUCTION RESTS WITH THE GENERAL CONTRACTOR. UPON ACCEPTANCE OF THE PROJECT, THE OWNER SHALL BECOME RESPONSIBLE FOR MAINTENANCE OF ANY REMAINING MEASURES AND FACILITIES.
- IF SITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE ENGINEER.
- THE CONSERVATION COMMISSION AND/OR ENGINEER MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DIRECTED BY THE DISTRICT INSPECTOR.
- THE CONTRACTOR SHALL UTILIZE ALL METHODS NECESSARY TO PREVENT BLOWING AND MOVEMENT OF DUST FROM THE EXPOSED SOIL SURFACES.
- PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- ALL CRITICAL AREAS SUBJECT TO EROSION SHALL RECEIVE A TEMPORARY SEEDING AND BE MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS IMMEDIATELY FOLLOWING ROUGH GRADING.
- MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
- ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTRATION DEVICE. THE SEDIMENT FILTER MUST BE CAPABLE OF FILTERING THE SEDIMENT AND BE PLACED SO AS NOT TO CAUSE EROSION OF THE DOWNSTREAM AREA.
- ANY EXCAVATED MATERIAL NOT TO BE REUSED ON SITE SHALL BE REMOVED OFF SITE.

**FLOOD NOTE:**

BY GRAPHIC PLOTTING ONLY, THE PROPERTY DEPICTED ON THIS PLAN FALLS IN ZONE X, AS SHOWN ON THE FLOOD INSURANCE RATE MAP 25005C0377F, DATED JULY 7, 2009.



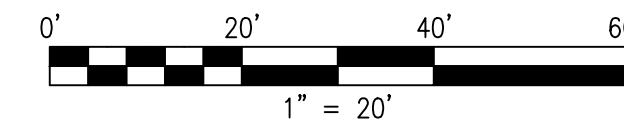
**ROOF RECHARGE SYSTEM SIZING CALCULATIONS:**

INFLOW AREA =	3,036 SF, 100.00% IMPERVIOUS,	INFLOW DEPTH = 6.76" FOR 100-YR EVENT
INFLOW =	0.47 CFS @ 12.09 HRS,	VOLUME = 1,711 CF
OUTFLOW =	0.05 CFS @ 11.55 HRS,	VOLUME = 1,711 CF, ATTEN = 89%, LAG = 0.0 MIN
DISCARDED =	0.05 CFS @ 11.55 HRS,	VOLUME = 1,711 CF
PRIMARY =	0.00 CFS @ 0.00 HRS,	VOLUME = 0 CF

ROUTING BY STOR-IND METHOD, TIME SPAN= 0.00-30.00 HRS, DT= 0.05 HRS  
PEAK ELEV= 106.06' @ 12.73 HRS SURF.AREA= 274 SF REQUIRED STORAGE = 540 CF

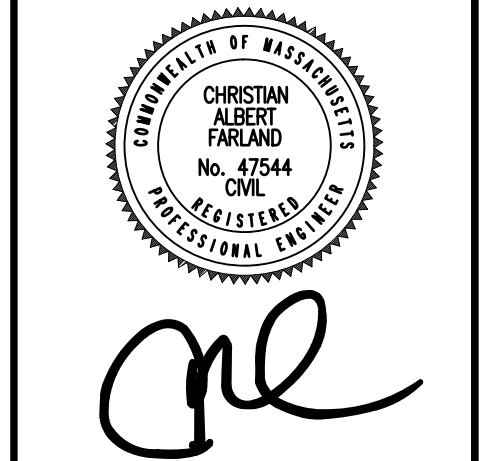
VOLUME	INVERT	AVAIL.STORAGE	STORAGE DESCRIPTION
#1A	102.96'	253 CF	11.17'W X 24.50'L X 3.54'H FIELD A 969 CF OVERALL - 335 CF EMBEDDED = 634 CF X 40.0% VOIDS
#2A	103.46'	335 CF	CULTEC R-330XLHD X 6 INSIDE #1 EFFECTIVE SIZE = 47.8"W X 30.0"H => 7.45 SF X 7.00'L = 52.2 CF OVERALL SIZE = 52.0"W X 30.5"H X 8.50'L WITH 1.50' OVERLAP ROW LENGTH ADJUSTMENT = +1.50' X 7.45 SF X 2 ROWS
#3	105.50'	1 CF	0.33'D X 10.00'H VERTICAL CONE/CYLINDER-IMPERVIOUS

TOTAL AVAILABLE STORAGE = 590 CF >>> 540 CF



**REVISIONS**

1	11/16/20	REVISED GRADING
2	12/16/20	PER CONSERVATION COMMENTS
3	11/17/21	REMOVE BASEMENT
4	03/19/22	REVISED FOOTPRINT



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21 VENTURA DRIVE  
DARTMOUTH, MA 02747  
P. 508.717.3479  
• ENGINEERING  
• SITEWORK  
• LAND SURVEYING  
• DEVELOPMENT

DRAWN BY: SC  
DESIGNED BY: SC  
CHECKED BY: CAF

**SITE PLAN**  
1309 SASSAQUIN AVENUE  
ASSESSORS MAP 138 LOT 413  
NEW BEDFORD, MASSACHUSETTS  
PREPARED FOR:  
ABRA DEGBOR  
1309 SASSAQUIN AVENUE  
NEW BEDFORD, MA 02745

SEPTEMBER 15, 2020  
SCALE: 1"=20'  
JOB NO. 13-332  
LATEST REVISION:  
MARCH 19, 2022