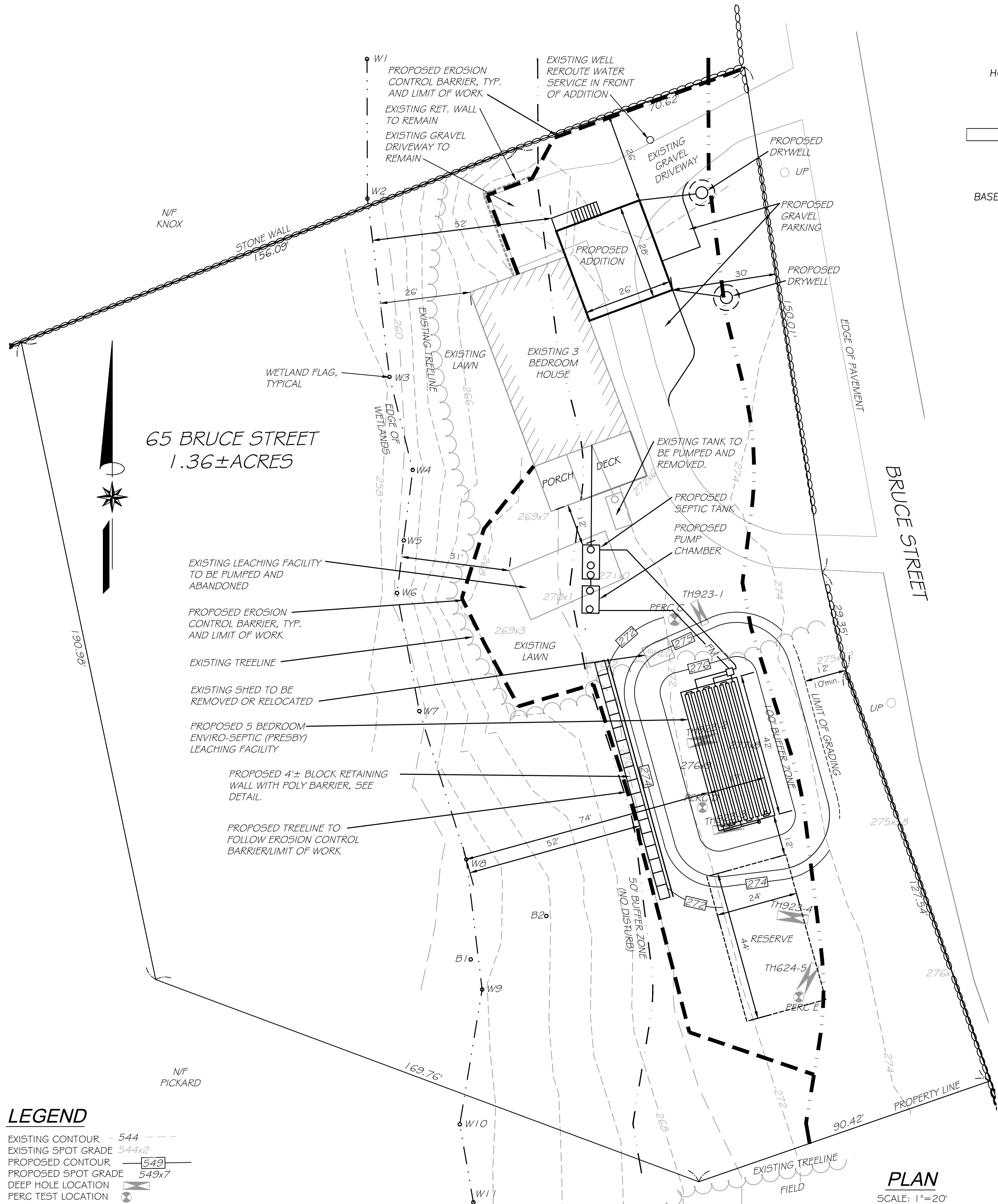


LOCUS MAP - NTS
EXCERPT FROM LITTLETON GIS



LEGEND

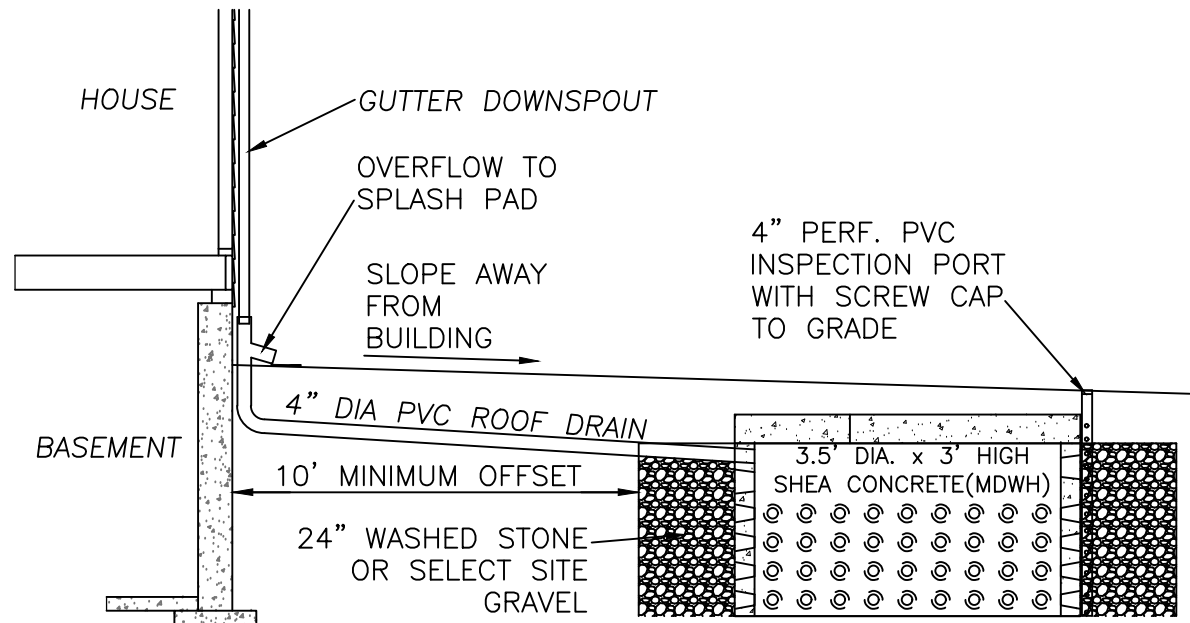
EXISTING CONTOUR 544
EXISTING SPOT GRADE 544x2
PROPOSED CONTOUR 549
PROPOSED SPOT GRADE 549x7
DEEP HOLE LOCATION
PERC TEST LOCATION

CONSTRUCTION SEQUENCE

THE ORDER OF CONDITIONS SHALL BE RECORDED AT THE REGISTRY OF DEEDS AND FULLY REVIEWED BY THE OWNER AND THE CONTRACTOR PERFORMING THE WORK. REQUIREMENTS WITHIN THE ORDER OF CONDITIONS MAY EXCEED THOSE SHOWN ON THIS PLAN AND MUST BE FOLLOWED.

- PROPOSED ADDITION
1. INSTALL EROSION CONTROL BARRIER.
 2. EXCAVATE FOUNDATION & INSTALL THE FOUNDATION.
 3. BACK FILL THE FOUNDATION AND ROUGH GRADING.
 4. CONSTRUCTION OF THE ADDITION
 5. INSTALL DRYWELLS
 6. FINAL GRADING, LOAM AND SEED AS SOON AS CONSTRUCTION AND WEATHER ALLOWS.
 7. REMOVAL OF THE EROSION CONTROL BARRIER AFTER THE SITE IS FULLY STABILIZED AND HAS BEEN APPROVED BY THE CONSERVATION COMMISSION AND THE DESIGN ENGINEER.

- PROPOSED SEPTIC SYSTEM
1. INSTALL EROSION CONTROL BARRIER.
 2. REMOVE TREES AND STUMPS, STUMPS TO BE REMOVED FROM THE SITE.
 3. INSTALL RETAINING WALL AND CONSTRUCT NEW SEPTIC SYSTEM.
 4. FINAL GRADING, LOAM AND SEED.
 7. REMOVAL OF THE EROSION CONTROL BARRIER AFTER THE SITE IS FULLY STABILIZED AND HAS BEEN APPROVED BY THE CONSERVATION COMMISSION AND THE DESIGN ENGINEER.

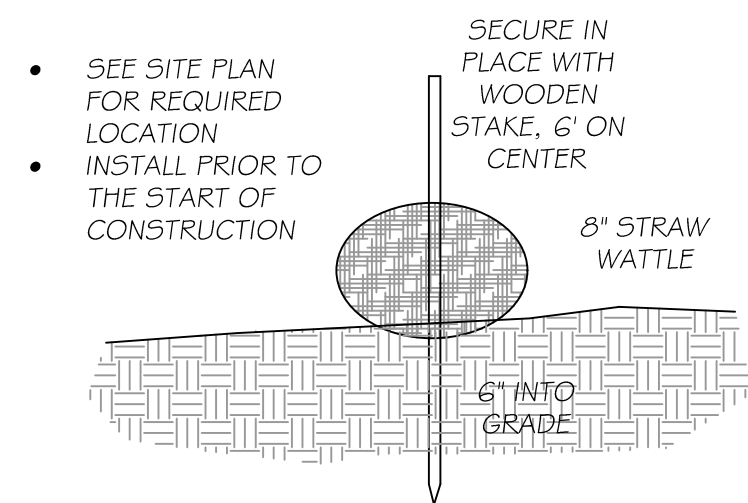


OPERATION AND MAINTENANCE

- INSPECT AFTER EVERY MAJOR STORM IN THE FIRST FEW MONTHS AFTER CONSTRUCTION TO ENSURE PROPER STABILIZATION AND FUNCTION. THEREAFTER, INSPECT ANNUALLY.
- OPEN OBSERVATION WELL 72 HOURS AFTER STORM AND DRYWELL SHOULD BE EMPTY.

ROOF DRAIN DRYWELL

NOT TO SCALE



STRAW WATTLE

NOT TO SCALE

NOTES

1. THIS PLAN IS INTENDED FOR THE DESIGN OF THE PROPOSED SEPTIC SYSTEM ONLY AND MAY NOT BE USED TO DETERMINE PROPERTY LINES, ZONING REQUIREMENTS, OR FOR THE CONSTRUCTION OF ANY STRUCTURE.
2. THE GROUNDWATER ELEVATION AT THE FOUNDATION LOCATION HAS NOT BEEN DETERMINED AND IT IS THE CONTRACTOR/OWNER'S RESPONSIBILITY TO ENSURE THAT THE SLAB IS ABOVE THE NATURAL GROUNDWATER ELEVATION.
3. ALL CONSTRUCTION IS TO BE IN COMPLIANCE WITH 310 CMR 15.000 AND ANY LOCAL REGULATIONS UNLESS SPECIFICALLY WAIVED BY THE BOARD OF HEALTH IN WRITING.
4. THE CONTRACTOR SHALL NOTIFY DIGSAFE AND/OR ANY LOCAL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE INVERTS/LOCATIONS AND SITE ELEVATIONS PRIOR TO THE START OF CONSTRUCTION AND IMMEDIATELY STOP WORK AND NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES.
6. THIS PLAN SHOWS ONLY THOSE FEATURES VISUALLY APPARENT AT THE TIME OF INSPECTION AND THE LACK OF UNDERGROUND STRUCTURES OR UTILITIES IS NEITHER INTENDED OR IMPLIED.
7. FILL FOR THE SYSTEM SHALL BE IN COMPLIANCE WITH CMR 310 15.255.
8. ANY ACTIVITY WITHIN 100' OF A WETLAND OR 200' OF A RIVER WILL REQUIRE PRIOR WRITTEN APPROVAL FROM THE CONSERVATION COMMISSION.
9. THIS PLAN HAS NOT BEEN DESIGNED TO ACCOMMODATE A GARBAGE GRINDER.
10. NO COMPONENTS SHALL BE BACKFILLED PRIOR TO INSPECTION AND APPROVAL OF THE DESIGN ENGINEER AND THE BOARD OF HEALTH.
10. ALL COMPONENTS ARE TO BE MARKED WITH MAGNETIC TAPE PRIOR TO BACKFILL.
11. AT A MINIMUM ONE INSPECTION PORT IN SHALL BE INSTALLED IN THE AREA OF THE LEACHING FACILITY.
12. ANY DEVIATION FROM THE DESIGN PLAN WILL REQUIRE THE WRITTEN APPROVAL OF THE DESIGN ENGINEER AND THE BOARD OF HEALTH.
13. THERE ARE NO KNOWN WELLS WITHIN 100' OF THE PROPOSED LEACHING FACILITY OR SEPTIC TANK.

SITE NOTES

1. THE SITE IS NOT LOCATED IN THE LITTLETON AQUIFER PROTECTION DISTRICT.
2. THE SITE IS NOT LOCATED IN THE LITTLETON WATER RESOURCE PROTECTION DISTRICT.
3. ONSITE WETLAND RESOURCES WERE FLAGGED BY PLACES ASSOCIATES INC. SEPTEMBER 2, 2023.
4. THE SITE IS LOCATED OUTSIDE THE 100 YEAR FLOODPLAIN PER MASSGIS ONLINE JANUARY 2024.
5. THE SITE IS NOT LOCATED WITH A MADEP ZONE 1, ZONE 2, OR IWPA PER MASSGIS ONLINE JANUARY 2024.
6. THERE ARE NO KNOWN WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPOSED LEACHING FACILITY.
7. THE SITE IS NOT LOCATED WITHIN A NATURAL HERITAGE ESTIMATED HABITAT OF RARE WILDLIFE OR WITHIN A PRIORITY HABITAT OF RARE SPECIES PER MASSGIS JANUARY 2024.
8. THE SITE IS NOT LOCATED WITHIN A SURFACE WATER ZONE A, PER MASSGIS JANUARY 2024.

SOIL TESTING

BY: JOHN BOARDMAN P.E. 9-29-23

WITNESSED BY: JAMES GARREFFI, NASHOBA

923-1				ELEV. = 272.6
0'-6"	Ap	10YR3/1	SANDY LOAM	
6'-12"	Bw	10YR6/4	SANDY LOAM	
12'-9"	C1	10YR5/2	SANDY LOAM	
WEeping AT 6'				
ESHWT @ 36'				

923-2				ELEV. = 272.4
0'-12"	Ap	10YR3/1	SANDY LOAM	
12'-18"	Bw	10YR6/4	SANDY LOAM	
18'-9"	C1	10YR5/2	SANDY LOAM	
WEeping AT 6'				
ESHWT @ 42'				

923-3				ELEV. = 272.5
0'-6"	Ap	10YR3/1	SANDY LOAM	
6'-12"	Bw	10YR6/4	SANDY LOAM	
12'-9"	C1	10YR5/2	SANDY LOAM	
WEeping AT 3'				
ESHWT @ 24'				

923-4				ELEV. = 273.2
0'-6"	Ap	10YR3/1	SANDY LOAM	
6'-12"	Bw	10YR6/4	SANDY LOAM	
12'-9"	C1	10YR5/2	SANDY LOAM	
WEeping AT 3'				
ESHWT @ 24'				

PERCOLATION TESTS ON THIS DATE WERE DISCONTINUED DUE TO HEAVY RAIN.

BY: JOHN BOARDMAN P.E. 11-10-23

WITNESSED BY: JAMES GARREFFI, NASHOBA

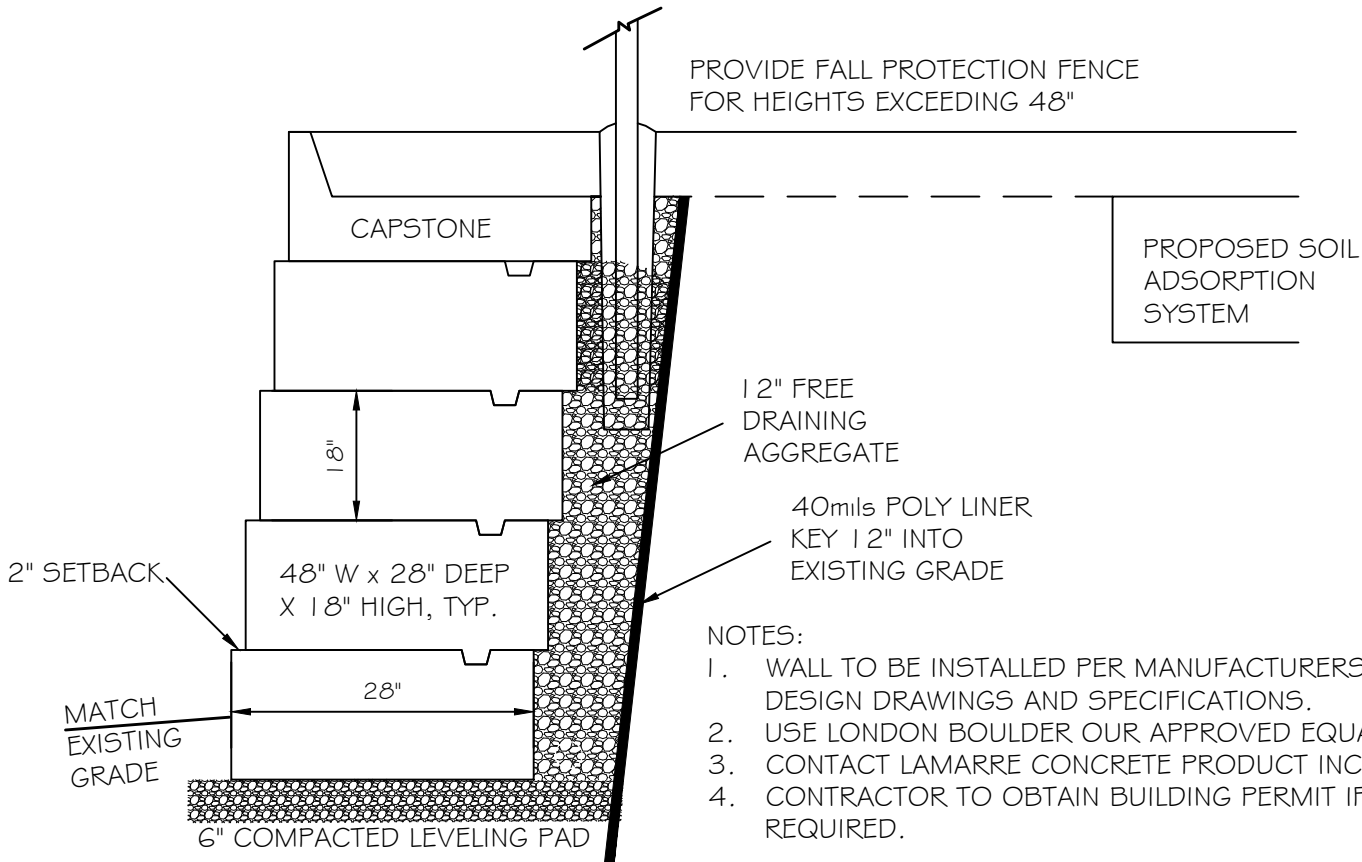
PERC C	DEPTH = 60'
9 MINUTES PER INCH	
PERC D	DEPTH = 54'
16 MINUTES PER INCH	

BY: JOHN BOARDMAN P.E. 7-18-24

WITNESSED BY: JAMES GARREFFI, NASHOBA

PERC E	DEPTH = 49'
20 MINUTES PER INCH	

624-5				ELEV. = 273.1
0'-8"	Ap	10YR3/1	SANDY LOAM	
8'-12"	Bw	10YR6/4	SANDY LOAM	
12'-9"	C1	10YR5/2	SANDY LOAM	
NO WEeping				
ESHWT @ 24'				



WALL DETAIL

NOT TO SCALE

- NOTES:
1. WALL TO BE INSTALLED PER MANUFACTURERS DESIGN DRAWINGS AND SPECIFICATIONS.
 2. USE LONDON BOULDER OUR APPROVED EQUAL.
 3. CONTACT LAMARRE CONCRETE PRODUCT INC.
 4. CONTRACTOR TO OBTAIN BUILDING PERMIT IF REQUIRED.

OWNER:

RANDOLPH & JAMIE MILLER
65 BRUCE STREET
LITTLETON, MA 01460

SITE:

65 BRUCE STREET

ASSESSORS MAP R16
PARCEL 4-A

DEED BOOK: 60843
PAGE: 419

PLAN 70 OF 2025 AT
MIDDLESEX SOUTH
REGISTRY OF DEEDS
PREPARED BY ALFRED M.
BERRY P.L.S. No. 36857,
PLAN DATED 7/2/2024

SCALE: 1"=20'
SHEET 1 OF 1
DATE: 3-31-2025
REVISED: 5-22-25
RELOCATED ADDITION
OUTSIDE THE 50' BUFFER.



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978-590-9970
john@jebcivil.com

65 BRUCE STREET

NOTICE OF INTENT PLAN