

**EXISTING CONDITION NOTES:**

1. THE LOCATION OF EXISTING UTILITIES IS BASED ON AVAILABLE INFORMATION SUCH AS SURFACE FEATURES AND RECORD PLANS. THE SHOWN UTILITY LOCATIONS ARE APPROXIMATE, ARE NOT WARRANTED TO BE CORRECT, AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL CONTACT DIGSAFE PRIOR TO CONDUCTING ANY EXCAVATION ON THE SITE.
3. OFFSITE FEATURES SUCH AS BUILDING, PAVING LIMITS, UTILITIES, ETC... ARE APPROXIMATE ONLY AND BASED ON MASSGIS AERIAL PHOTOGRAPHS. SURVEY BY CONTINENTAL LAND SURVEY, LLC ON 9/10/2022 AND 10/17/2022 USING TOTAL STATION EDM, ON-GROUND INSTRUMENT SURVEY. BENCHMARK TOP OF FOUNDATION 118.40 (ASSUMED DATUM).

**EROSION CONTROL NOTES:**

1. EROSION CONTROLS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. EROSION CONTROLS SHALL BE MAINTAINED IN GOOD CONDITION AT ALL TIMES. EROSION CONTROLS SHALL REMAIN UNTIL SUCH TIME AS THE ADJACENT DISTURBED AREAS ARE COMPLETELY STABILIZED AS APPROVED BY THE CONSERVATION COMMISSION.
2. NO STOCKPILING OF SOIL IS PROPOSED ON-SITE.
3. UPON COMPLETION OF CONSTRUCTION, BARE SOILS WITHIN PROJECT LIMITS SHALL BE STABILIZED WITH A CONSERVATION SEED MIX.
4. EROSION CONTROL MAINTENANCE AND INSPECTIONS ARE THE RESPONSIBILITY OF MATTHEW MOORE, (270-836-7041).

**GRADING NOTES:**

1. CUT/FILL CALCULATIONS:
  - 1.1. CUT: ~80 C.Y.
  - 1.2. FILL: ~1,280 C.Y.
  - 1.3. TOTAL FILL REQUIRED: ~1,200 C.Y.

**LEGEND & ABBREVIATIONS**

- CB: SINGLE-GRATE CATCH BASIN
- CB: DOUBLE-GRATE CATCH BASIN
- PTU: PROPRIETARY STORMWATER UNIT
- DMH: DRAIN MANHOLE
- TR: TRENCH
- INFIL: INFILTRATION TRENCH
- X" D: DRAIN PIPELINE
- RCP: REINFORCED CONCRETE PIPE
- PVC: POLYVINYL CHLORIDE PIPE
- SMH: SEWER MANHOLE
- X" S: SEWER PIPELINE
- OC: SEWER SERVICE CLEANOUT
- X" W: WATER MAIN
- HYD: HYDRANT
- G.V.: WATER GATE VALVE
- C.S.: WATER SERVICE CURB STOP
- M.B.: WATER SERVICE METER BOX
- G: GAS PIPELINE
- E: ELECTRIC CONDUIT
- L.P.: LIGHT POLE
- U.P.: UTILITY POLE
- G.Y.: GUY WIRE
- S.P.: TRAFFIC SIGNAL POLE
- 252: EXISTING CONTOUR
- 253: PROPOSED CONTOUR
- E.O.P.: EDGE OF PAVEMENT
- C.C.B.: INTEGRAL SLOPED BIT. BERM
- V.B.B.: VERTICAL BITUMINOUS BERM
- S.G.C.: SLOPED GRANITE CURB
- V.G.C.: VERTICAL GRANITE CURB
- V.C.C.: VERTICAL CONCRETE CURB
- E.C.S.: EDGE CONCRETE SLAB
- G.V.: GATE VALVE
- C.L.F.: CHAIN LINK FENCE
- W.S.F.: WOOD STOCKADE FENCE
- P.P.F.: PVC PICKET FENCE
- G.R.: GUARD RAIL
- C.C.: HANDICAP CURB CUT

w/f ANTHONY & JILL SIMMS  
70 SOUTH STREET  
ASSESSORS 341-09

w/f UNITED STATES OF AMERICA  
SOUTH STREET  
ASSESSORS 336-11

OWNER/APPLICANT  
MATTHEW & SARAH MOORE  
74 SOUTH STREET  
FRANKLIN, MA 02038

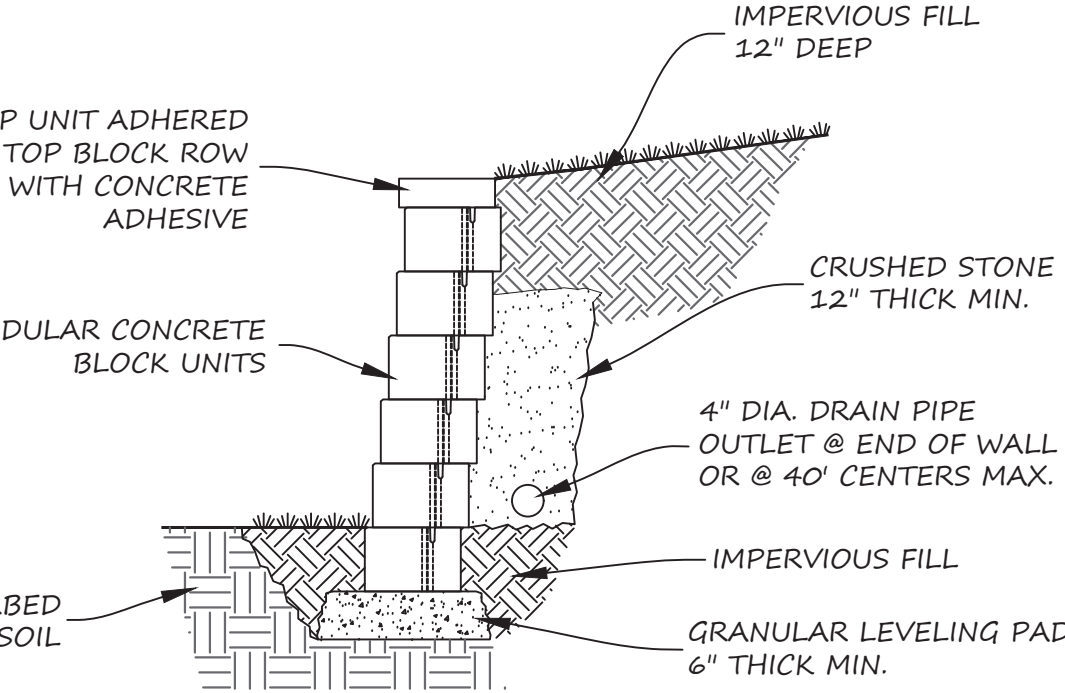
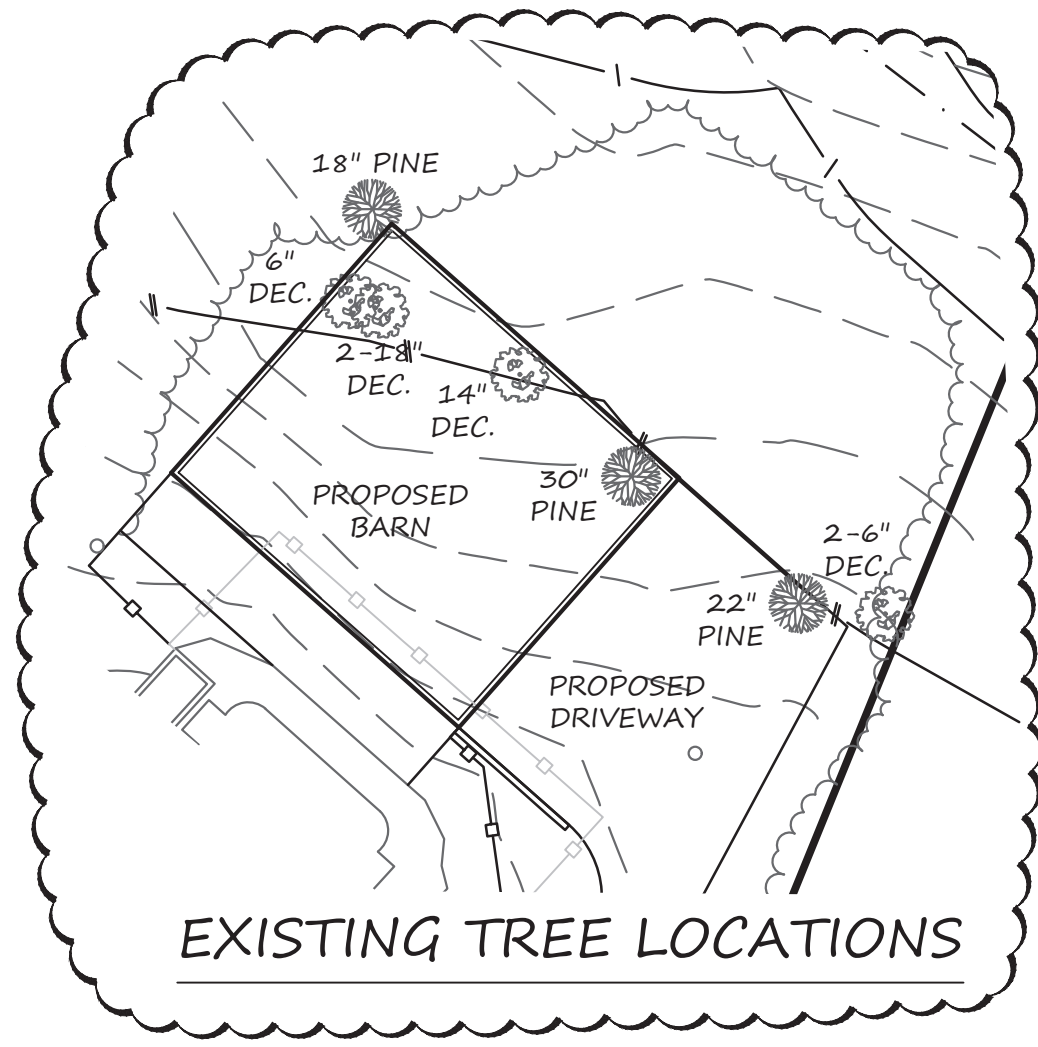
ZONING DISTRICT  
RURAL RESIDENTIAL 1

ASSESSORS PARCEL  
MAP 341 PARCEL 10

PLAN & DEED REFERENCE  
DEED BK 40687 PG 223

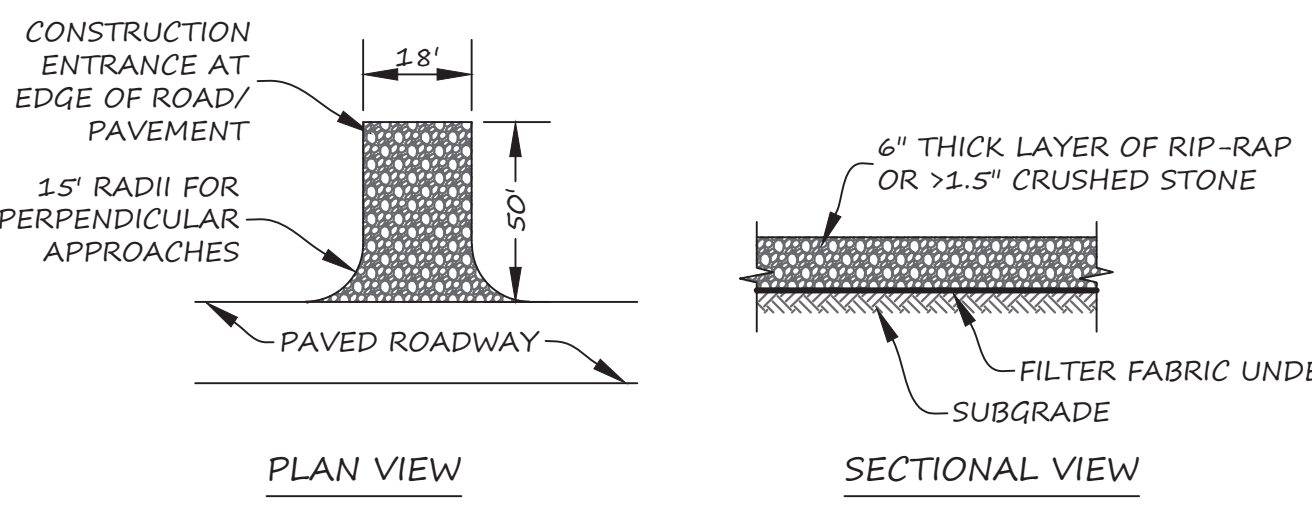


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Date: 2023.03.08  
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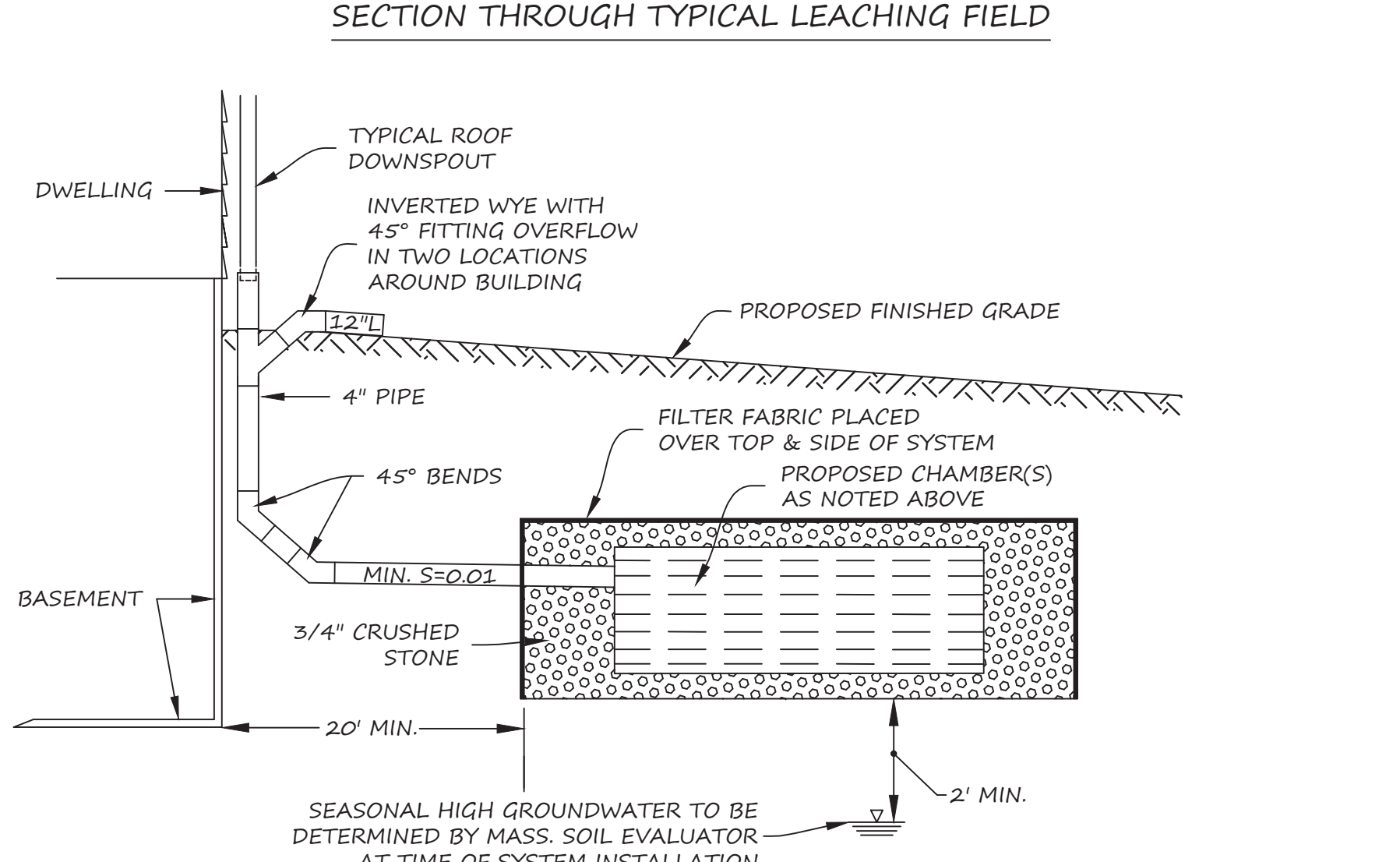
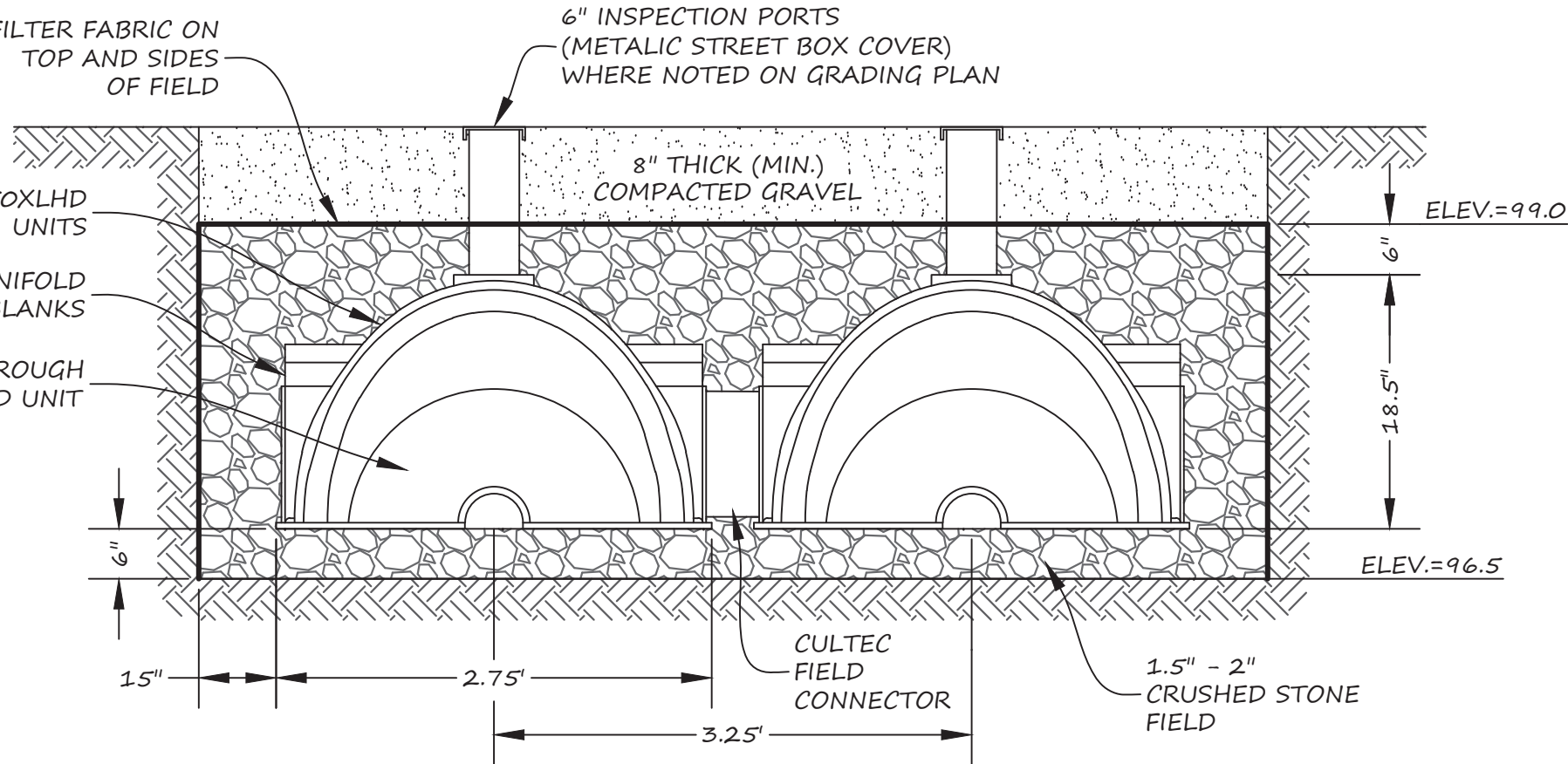
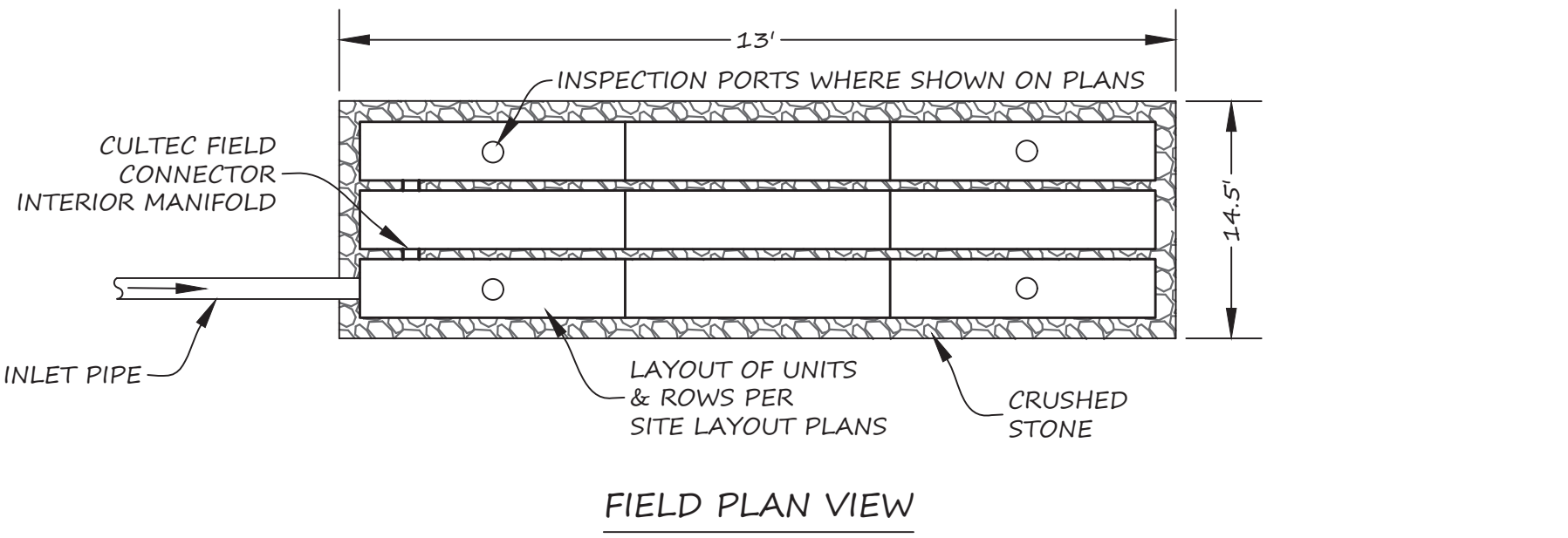
- NOTES:
1. SMALL BLOCK UNITS SHALL BE THE SQUARE FOOT PRODUCT BY VERSA-LOK OR APPROVED EQUAL. WALL HEIGHT WITHOUT REINFORCEMENT SHALL BE LIMITED TO 3.5' EXPOSED FACE.
  2. WALL HEIGHTS OVER FOUR FEET, INCLUDING FOOTING, MAY REQUIRE A BUILDING PERMIT AND/OR STRUCTURAL DESIGN. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY BUILDING PERMITS AND FOR PROVIDING STRUCTURAL WALL DESIGN MEETING THE REQUIREMENTS OF THE MASSACHUSETTS BUILDING CODE, AS DEEMED APPLICABLE BY THE BUILDING INSPECTOR.
  3. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.

**TYPICAL "SMALL BLOCK" RETAINING WALL**  
NOT TO SCALE



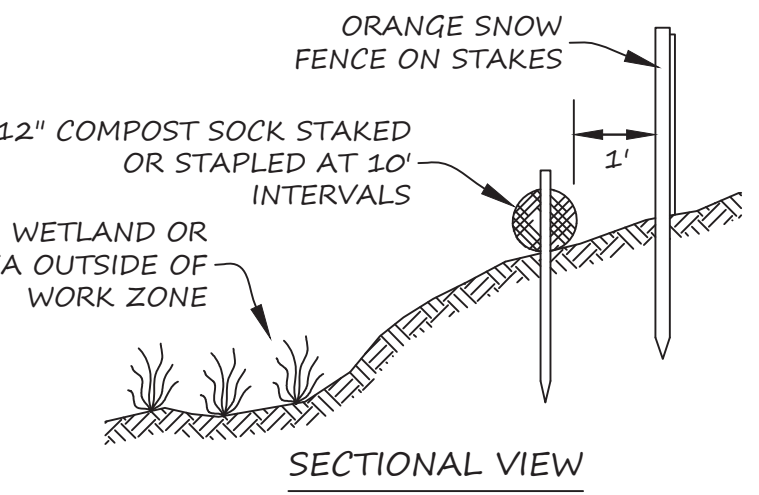
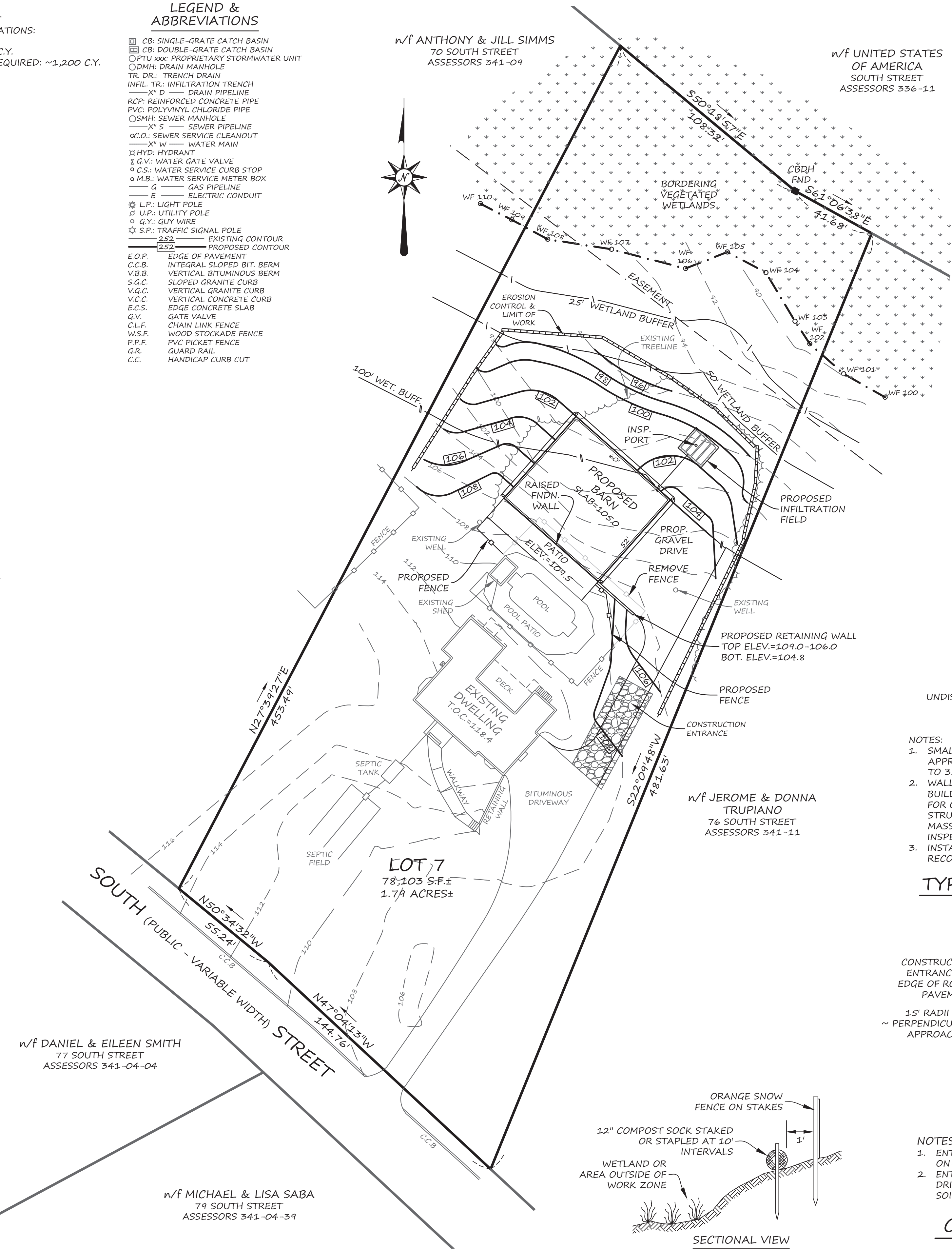
- NOTES:
1. ENTRANCE SHALL BE INSTALLED BEFORE ANY EXCAVATION WORK OCCURS ON-SITE.
  2. ENTRANCE SHALL BE MAINTAINED IN GOOD CONDITION UNTIL A PAVED DRIVEWAY IS INSTALLED. REPLACE ENTRANCE IF FILLED WITH SOILS OR IF SOILS ARE BEING TRACKED ONTO ADJACENT ROADWAYS.

**CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE



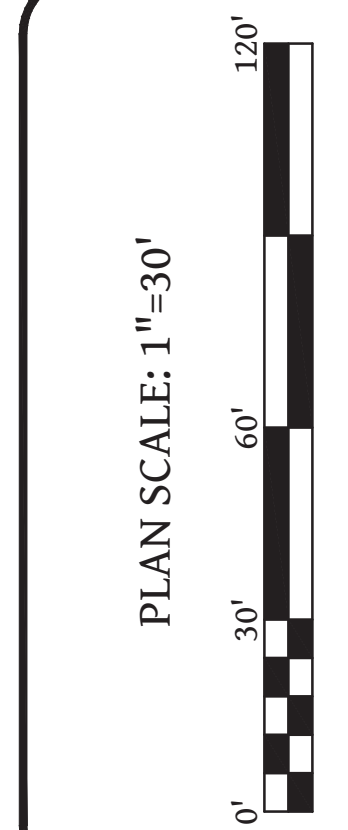
- NOTES:
1. INFILTRATION TRENCH UNITS TO BE RECHARGER 150XLHD AS MANUFACTURED BY CULTEC, INC., 878 FEDERAL ROAD, BROOKFIELD, CT 06804, OR APPROVED EQUAL. APPROVED EQUALS MUST CONTAIN AT LEAST THE SAME TOTAL SYSTEM STORAGE VOLUME AND BOTTOM AREA.
  2. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
  3. TWO-TRENCH SYSTEM CROSS-SECTION SHOWN. MULTIPLE TRENCHES WOULD USE THE SAME EXTERIOR STONE THICKNESS AND INTERIOR CHAMBER SEPARATION VALUES.
  4. INFILTRATION TRENCH UNITS SHALL BE ABLE TO WITHSTAND H-20 LOADINGS.
  5. THIS ROOF RUNOFF LEACHING SYSTEM WAS DESIGNED TO CAPTURE 1-INCH OF RUNOFF FROM THE ENTIRE ROOF AREA OF THE PROPOSED BARN SHOWN ON THIS PLAN (APPROX. 3,120 S.F.). MIN. 260 C.F. STORAGE REQUIRED.
  6. THE COMPLETED ROOF RUNOFF COLLECTION SYSTEM MUST COLLECT RUNOFF FROM THE ENTIRE ROOF AREA OF THE PROPOSED BARN. THE SYSTEM DESIGNED HAS A STORAGE CAPACITY OF 261 C.F.
  7. PIPING FOR THE ROOF DOWNSPOUT COLLECTION SYSTEM MAY BE SCHEDULE 40 PVC OR HDPE.
  8. USE OF "EQUIVALENT" SYSTEMS REQUIRE VOLUME CALCULATION VERIFICATION BY THE DESIGN ENGINEER.

**ROOF RUNOFF INFILTRATION FIELD**  
NOT TO SCALE



- NOTE: NON-BIODEGRADABLE SOCK SHELL FILLED WITH COMPOST MEDIA. JOINTS SHALL BE OVERLAPPED BY AT LEAST TWO FEET. ORANGE SNOW FENCE IS ONLY NEEDED IF THERE IS EVIDENCE OF THE COMPOST SOCK BEING BURIED BY CONSTRUCTION ACTIVITIES.

**EROSION CONTROL DETAIL (COMPOST SOCK)**  
NOT TO SCALE



REVISION	DATE	BY
REVISIONS PER TOWN COMMENTS	2023-03-08	D.J.M.
PLAN DATE: JANUARY 27, 2023		

74 SOUTH STREET  
PROPOSED  
PLAN OF LAND  
IN  
FRANKLIN, MA

730 MAIN STREET  
SUITE 2C  
MILLIS, MA 02054  
508-376-8883(o)

