GENERAL NOTES

1. TOPOGRAPHY DETERMINED BY AN ON-THE-GROUND SURVEY BY LAND PLANNING, INC. ALL ELEVATIONS REFER TO NAVD 1988 DATUM.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE CURRENT STATE AND MUNICIPAL CONSTRUCTION CODES, STANDARDS AND REQUIREMENTS.
3. THE SITE IS NOT LOCATED WITHIN THE LIMITS OF THE 100 YEAR FLOOD ZONE AS SHOWN ON THE FIRM MAP #25021C0309F DATED 7/8/2025.
4. WETLAND RESOURCE BOUNDARIES WERE FLAGGED AND LOCATED BY LAND PLANNING, INC DURING JULY 2025
5. PLACE 4" OF LOAM AND SEED ALL DISTURBED AREAS OF THE PROJECT NOT OTHERWISE IMPROVED.
6. ANY ALTERATIONS MUST BE REPORTED TO THE DESIGN ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
7. CONSERVATION COMMISSION APPROVAL IS REQUIRED.
8. ALL TRENCHES FOR UTILITIES TO BE BACKFILLED AND COMPACTED WITH GRANULAR MATERIALS FREE OF ROCKS LARGER THAN 2".
9. ALL UNDERGROUND UTILITY LOCATIONS SHOWN ARE BASED ON FIELD EVIDENCE AND RECORDS PROVIDED TO LAND PLANNING, INC.. THESE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. OTHER UTILITIES MAY EXIST WHICH ARE NOT EVIDENT OR FOR WHICH RECORD INFORMATION WAS NOT FOUND. THE CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES AND "DIG SAFE" (888-DIG-SAFE) BEFORE EXCAVATION BEGINS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK AND PROJECT SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS, RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE DESIGN ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE DESIGN ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.
11. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION TO BE PERFORMED IN ACCORDANCE WITH CURRENT O.S.H.A. STANDARDS, AS WELL AS ADDITIONAL PROVISIONS TO ASSURE STABILITY OF CONTIGUOUS STRUCTURES, AS FIELD CONDITIONS DICTATE.

EROSION & SEDIMENT CONTROL NOTES

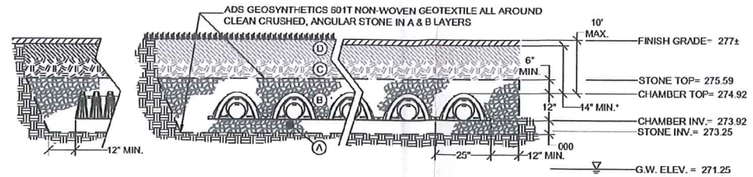
1. THE CONTRACTOR AND ALL SUB-CONTRACTORS ARE TO BE MADE AWARE THAT THIS PROJECT IS SUBJECT TO AN ORDER OF CONDITIONS FROM THE CONSERVATION COMMISSION AND ITS REGULATIONS ARE APPLICABLE TO THIS PROJECT. A COPY OF THIS ORDER IS TO BE READILY AVAILABLE ON SITE AT ALL TIMES.
2. SEDIMENT BARRIERS ARE TO BE INSTALLED WHERE SHOWN ON THIS PLAN. THE CONTRACTOR AND THE OWNER ARE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE SEDIMENT BARRIERS AND TO IDENTIFY AND CORRECT ALL SOURCES OF EROSION. EXTRA SEDIMENT BARRIER MATERIALS ARE TO BE STORED ON SITE IN ORDER TO QUICKLY REPAIR EROSION PRONE AREAS. PERIODIC MAINTENANCE OF THE EROSION CONTROL STRUCTURES IS REQUIRED IN ORDER TO INSURE THE PROPER PROTECTION OF THE RESOURCE AREAS.
3. STOCKPILED MATERIAL THAT IS SUBJECT TO EROSION SHALL BE PROTECTED AT ITS BASE ON THE DOWN-SLOPE SIDE WITH A SILT FENCE.
4. TEMPORARY STABILIZATION OF DISTURBED AREAS IS REQUIRED TO LIMIT EROSION TOWARD ABUTTING PROPERTIES AND PUBLIC WAYS. ALL GRADED SLOPES ARE TO BE STABILIZED ON A DAILY BASIS WITH SPECIAL CARE TAKEN TO AVOID ROUTING RAINFALL THROUGH GULLIES TOWARD THE RESOURCE AREAS. AREAS OF EROSION ARE TO BE REPAIRED ON A DAILY BASIS.
5. THE CONTRACTOR IS TO USE PROPER JUDGMENT RELATIVE TO CONSTRUCTION PRACTICES DURING ADVERSE WEATHER CONDITIONS OR PERIODS OF HIGH GROUNDWATER. NO WORK IS TO BE PERFORMED NEAR THE WETLAND AREAS DURING PERIODS OF HEAVY RAINFALL. INSPECTION IS REQUIRED AFTER MORE THAN 1/2" OF RAINFALL IN 24 HOURS.
6. ALL GRADED AREAS ARE TO BE LOAMED AND SEEDED AS SOON AS POSSIBLE IN ORDER TO INSURE THE RAPID STABILIZATION OF THE EROSION PRONE AREAS. A GRASS SEED MIXTURE OF 20% RED TOP, 60% CHEWINGS FESCUE AND 20% KENTUCKY BLUEGRASS IS RECOMMENDED. "HYDROSEED" WITH HIGH FIBER CONTENT.
7. THE SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL ALL UPGRADIENT AREAS HAVE BEEN STABILIZED.
8. DURING PERIODS OF HEAVY RAINFALL, IT WILL BE EXPECTED TO EXPERIENCE EROSION OF THE UNSTABILIZED SLOPES IMMEDIATE ATTENTION TO THE MAINTENANCE OF THESE ERODED AREAS WILL FURTHER INSURE THE SUCCESSFUL STABILIZATION OF THE EXPOSED SLOPES WHILE LIMITING THE IMPACTS TO NEARBY RESOURCE AREAS.
9. PERIODIC INSPECTIONS OF THE ENTIRE CONSTRUCTION SITE ARE TO BE PERFORMED BY A COMPETENT REPRESENTATIVE WHO WILL INSURE THE ADHERENCE TO THE REGULATIONS AS SET FORTH IN 310 CMR 10.00. NO UNAUTHORIZED INDIVIDUALS ARE TO ENTER THE CONSTRUCTION AREA WITHOUT THE EXPRESSED CONSENT OF THE OWNER.
10. THE APPLICANT IS TO NOTIFY THE CONSERVATION COMMISSION ONCE THE JURISDICTIONAL WORK HAS BEEN COMPLETED AND THE ENTIRE SITE HAS BEEN PROPERLY STABILIZED. UPON APPROVAL OF THE WORK SUBJECT TO THE ORDER OF CONDITIONS, THE APPLICANT IS TO RECEIVE A CERTIFICATE OF COMPLIANCE.

UTILITY CONSTRUCTION NOTES

1. ALL WORK SHALL CONFORM TO TOWN OF FRANKLIN REQUIREMENTS AND MASSACHUSETTS HIGHWAY DEPARTMENT CONSTRUCTION STANDARDS AS APPLICABLE.
2. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN 6" LIFTS OR 12" LIFTS WHEN MACHANICAL MEANS ARE UTILIZED.
3. MEASURES SHALL BE TAKEN TO PREVENT THE MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL.
4. FOUNDATION- WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE DESIGN ENGINEERAND AND REPLACEMENT WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEEER. AS AN ALTERNATIVE AND AT THE DESCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABALIZED USING GEOTEXTILE MATERIAL.
5. BEDDING- PIPE BEDDING FOR WATER UTILITIES SHALL BE SAND. PIPE BEDDING FOR SANITARY SEWER AND STORMWATER UTILITIES SHALL BE 3/4" DIAMETER CRUSHED STONE.
6. BACKFILL- SUITABLE MATERIAL SHALL BE CLASS I, II, OR III IN THE PIPE ZONE NOT LESS THAN 6"ABOVE THE CROWN OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATIONS TO THE DESIGN ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN THE LATEST EDITION OF ASTM D2321.
7. WHERE FEASIBLE, SEWERS SHALL BE SEPARATED A MINIMUM OF 10 FEET, HORIZONTALLY, FROM ANY EXISTING WATER MAIN OR IT SHALL BE ENCASED IN CONCRETE.
8. WHERE A 10 FOOT LATERAL SEPARATION BETWEEN SEWER AND WATER CAN NOT BE MAINTAINED, THE WATER MAIN SHALL BE LOCATED WITHIN A SEPARATE TRENCH AND THE CROWN OF THE SEWER SHALL BE PLACED A MINIMUM OF 18" BELOW THE INVERT OF THE WATER MAIN.
9. WHERE SEWERS CROSS WATER MAINS, THE CROWN OF THE SEWER SHALL BE LAID 18" BELOW THE INVERT OF THE WATER MAIN. WHERE THIS REQUIREMENT CAN NOT BE MEET, THE WATER LINE SHALL BE CONSTRUCTED OF MECHANICAL-JOINT PIPE FOR A DISTANCE OF 10 FEET OF EITHER SIDE OF THE CROSSING. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AS POSSIBLE FROM THE SEWER. BOTH THE WATER AND SEWER LINES SHALL BE ENCASED IN CONCRETE FOR 10 FEET EITHER SIDE OF THE CROSSING WHERE THE REQUIRED VERTICAL SEPARATION CAN NOT BE PROVIDED.
10. ALL SEWER PIPING AND/OR STRUCTURES LOCATED WITHIN 100 FEET OF ANY WETLAND, SURFACE WATER-BODY, OR DETENTION POND, SHALL BE BUILT USING WATERTIGHT CONSTRUCTION METHODS AND MATERIALS.
11. THE CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES AND "DIG SAFE" BEFORE EXCAVATION BEGINS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURACIES SHOWN.
12. WHERE ANY UTILITY INSTALLATION DETAIL CONFLICTS WITH THE TOWN OF FRANKLIN DEPARTMENT OF PUBLIC WORKS STANDARDS FOR UTILITY MATERIALS AND INSTALLATION, THE TOWN STANDARDS SHALL GOVERN.
13. ALL SEWER PIPING AND/OR STRUCTURES LOCATED WITHIN 100 FEET OF ANY WETLAND, SURFACE WATER-BODY, OR DETENTION POND, SHALL BE BUILT USING WATERTIGHT CONSTRUCTION METHODS AND MATERIALS.

*TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 20".

**THIS CROSS SECTION DETAIL REPRESENTS MINIMUM REQUIREMENTS FOR INSTALLATION. PLEASE SEE THE LAYOUT SHEET(S) FOR PROJECT SPECIFIC REQUIREMENTS.



ADS STORMTECH FIELD DETAIL SC-160LP
NOT TO SCALE

SOIL TEST LOG: January 13, 2026

TP1-0105

Depth	Horizon	Texture	Color
0-5	O	Sandy loam	10YR 2/1
5-11	A	Sandy loam	10YR 3/2
11-24	Bw	Sandy loam	10YR 5/6
24-78	C	Sand	2.5Y 5/3

Notes: Weeping: @ 27" Standing: N/A

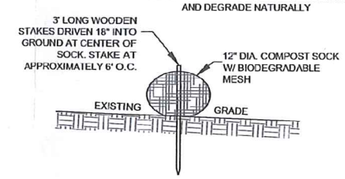
BUFFER ZONE IMPACT REPORT

Buffer Zone (ft)	Total Existing Area (ft²)	Impact-Disturbed Area (ft²)
0-25	1,000	0
25-50	1,996	1,559
50-100	6,053	4,261
Total:	9,049	5,820

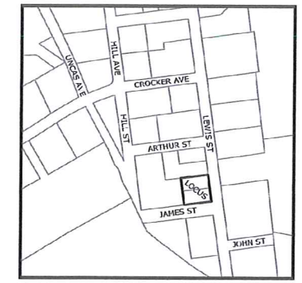
BENCHMARK SCHEDULE

No.	Description	Elevation
BM#1	Nail in UP#16	276.07

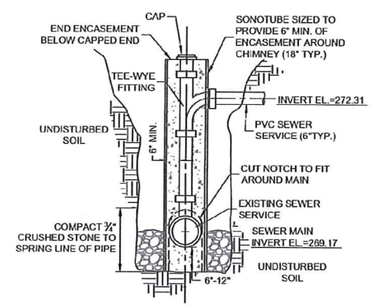
NOTE: COMPOST SOCK SHALL REMAIN IN PLACE AND DEGRADE NATURALLY



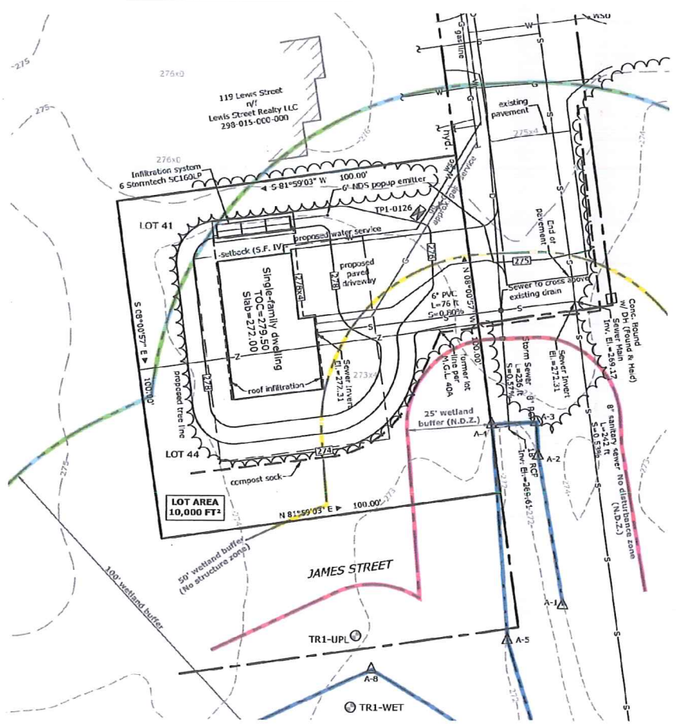
COMPOST SOCK DETAIL
NOT TO SCALE



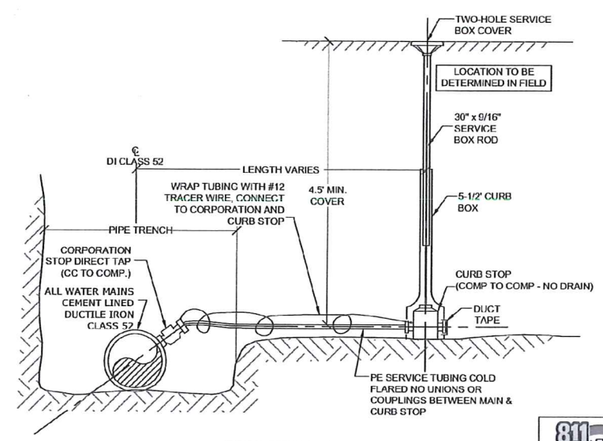
LOCUS MAP
Scale 1" = 250'
from Mass Mapper data layers
to be considered approximate



SONOTUBE CAST-IN-PLACE CHIMNEY
NOT TO SCALE



SITE PLAN
1" = 20'



TYPICAL SERVICE CONNECTION
NOT TO SCALE

CONSERVATION SITE DESIGN PLAN

Located at
Lewis Street
Franklin, MA

Owned By
Lewis Street Realty LLC

Applicant
Lewis Street Realty LLC
P.O. Box 411
Franklin, MA 02038

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FT.

ZONING DISTRICT
SINGLE FAMILY IV

AREA:	15,000 FT²
FRONTAGE:	100 FT
FRONT YARD:	30 FT
SIDE YARD:	20 FT
REAR YARD:	20 FT
IMPERVIOUS COV.	35% MAX

LOCUS REFERENCES
Deed (Book / Page): 29497 / 310
Assessors Parcel ID: 298-013-000-000
298-014-000-000
Plan (Plan No. / Year): 2488 / 1909
489 / 1999
460 / 2000
Lewis Street Acceptance Plan 2015

COMMONWEALTH OF MASSACHUSETTS
NORMAN G. HILL
CIVIL
No. 31887
REGISTERED PROFESSIONAL ENGINEER

Norman G. Hill, PE. Date: 1-15-26
Norman G. Hill, PE #31887

REVISIONS

Date	Description

Field By:	SB/JB	12/2025
Designed By:	SB	1/2026
Drawn By:	SB	1/2026
Checked By:	NGH	1/2026

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Environmental Consultants

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811 DigSafe MA ME NH RI VT

Date: Jan. 6, 2026	Sheet No. 1 of 1
Job No. G25125	