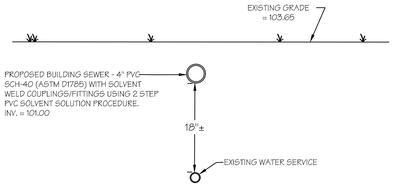


SILT FENCE DETAIL
NOT TO SCALE

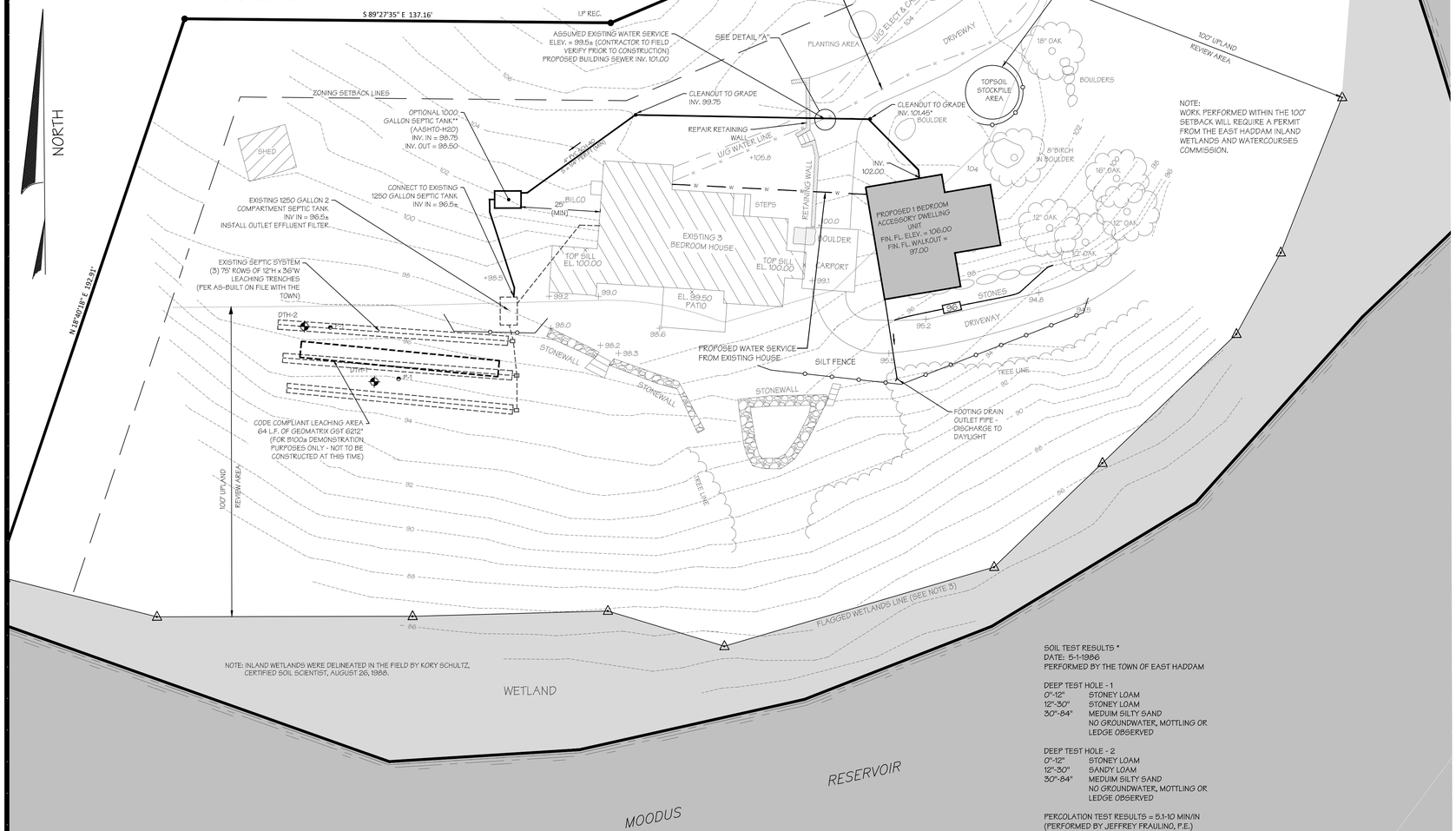


BUILDING SEWER / WATER SERVICE
CROSSING DETAIL "A"
(NOT TO SCALE)

N/F
Cloverdale Farm Assoc. LLC

NOTE:
A CENTRAL SEWAGE SYSTEM EXCEPTION WILL BE REQUIRED FROM THE STATE HEALTH DEPARTMENT TO ALLOW THE ACCESSORY DWELLING UNIT TO BE CONNECTED TO THE EXISTING HOUSE SEPTIC SYSTEM.

** SET WATERTIGHT SEPTIC TANK 25' MINIMUM FROM WATER SERVICE LINE TO HOUSE (IN ACCORDANCE TO TABLE 1, ITEM K OF THE TECHNICAL STANDARDS)



NOTE: INLAND WETLANDS WERE DELINEATED IN THE FIELD BY KORY SCHULTZ, CERTIFIED SOIL SCIENTIST, AUGUST 26, 1986.

GENERAL NOTES:

1. THE TOTAL AREA OF THE PARCEL IS 5.5 ACRES±.
2. THE PARCEL IS LOCATED WITHIN THE "L" LAKE ZONING DISTRICT.
3. THE PARCEL IS IDENTIFIED ON THE TAX ASSESSOR'S MAPS AS MAP 68 LOT 6.
4. PROPERTY LINE AND TOPOGRAPHIC SURVEY INFORMATION TAKEN FROM A MAP ENTITLED "PARTIAL TOPOGRAPHY ON PORTION OF LAND OF KATHERINE E. McCABE 101 BEEBE ROAD, EAST HADDAM, CONNECTICUT" DATED APRIL 7, 2025 AS PREPARED BY RIGHARD W. GATES, L.S., CENTERBROOK, CONNECTICUT.
5. SEPTIC SYSTEM LOCATION TAKEN FROM AS-BUILT SKETCH ON FILE WITH THE TOWN OF EAST HADDAM.
6. THE PARCEL IS NOT LOCATED WITHIN A PUBLIC DRINKING WATER SUPPLY WATERSHED.
7. PROPOSED CONSTRUCTION SHALL CONFORM TO THE 2024 STATE OF CONNECTICUT PUBLIC HEALTH CODE AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL AS AMENDED.
8. WETLAND INFORMATION TAKEN FROM MAP ENTITLED "PROPERTY OF DANIEL DILL BEEBE ROAD, EAST HADDAM CONN." DATED JANUARY 17, 1989 AS PREPARED BY JEFFREY M. FRAULINO, P.E., PORTLAND, CONNECTICUT.

LEGEND:

- EXISTING CONTOUR — 100 —
- PROPOSED CONTOUR — 100 —
- DEEP TEST HOLE
- PERCOLATION TEST — PERC
- SILT FENCE/WOOD CHIP BERM
- LIMIT OF UPLAND REVIEW ZONE
- WETLAND BOUNDARY

SOIL TEST RESULTS *
DATE: 5-1-1986
PERFORMED BY THE TOWN OF EAST HADDAM

DEEP TEST HOLE - 1
0"-12" STONEY LOAM
12"-30" STONEY LOAM
30"-84" MEDUIM SILTY SAND
NO GROUNDWATER, MOTTLING OR LEDGE OBSERVED

DEEP TEST HOLE - 2
0"-12" STONEY LOAM
12"-30" SANDY LOAM
30"-84" MEDIUM SILTY SAND
NO GROUNDWATER, MOTTLING OR LEDGE OBSERVED

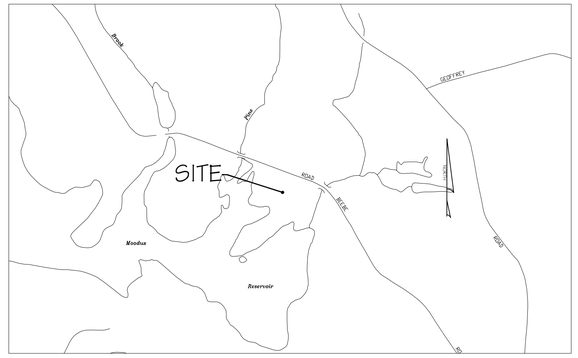
PERCOLATION TEST RESULTS = 5.1-10 MIN/IN
(PERFORMED BY JEFFREY FRAULINO, P.E.)

*TAKEN FROM MAP MAP ENTITLED "PROPERTY OF DANIEL DILL BEEBE ROAD, EAST HADDAM CONN." DATED JANUARY 17, 1989 AS PREPARED BY JEFFREY M. FRAULINO, P.E., PORTLAND, CONNECTICUT.

BASIS FOR SEPTIC SYSTEM DESIGN
EFFECTIVE LEACHING SYSTEM AREA REQUIRED BY THE STATE HEALTH CODE TECHNICAL STANDARDS FOR A 3 BEDROOM HOUSE AND 1 BEDROOM ACCESSORY APARTMENT (0 - 10.0 MINUTES PER INCH PERCOLATION RATE) = 495 S.F. + 137.5 S.F. = 632.5 S.F.

CODE COMPLIANT LEACHING AREA PROVIDED = 64 L.F. OF GEOMATRIX GST 6212 LEACHING SYSTEM @ 10.0 S.F./L.F. = 640 S.F.

MINIMUM LEACHING SYSTEM SPREAD (M.L.S.S.)
MLSS DOES NOTE APPLY - RESTRICTIVE LAYER > 60"



LOCATION MAP
SCALE: 1"= 1000'

EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF THE CONSTRUCTION OF A ONE BEDROOM ACCESSORY DWELLING UNIT AND SUPPORTING UTILITIES WITHIN THE UPLAND REVIEW AREA OF A WETLAND.

DESCRIPTION OF EXISTING SITE CONDITIONS:

THE PARCEL IS A 5.5 ACRE± LOT, LOCATED ON THE SOUTH SIDE OF BEEBE ROAD AND THE NORTH SIDE OF UPPER MOODUS RESERVOIR. THE PARCEL SLOPES MODERATELY FROM NORTH TO SOUTH. THE PROPOSED WORK SITE IS CURRENTLY PARTIALLY CLEARED & LIGHTLY WOODED.

CONSTRUCTION SCHEDULE:

CONSTRUCTION WOULD COMMENCE LATER THIS SUMMER (DEPENDING ON THE DATE OF FINAL PLAN APPROVALS) AND BE COMPLETED BY THE FALL OF 2025.

RECOMMENDED SEQUENCE OF CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE APPROVED SITE PLAN.
2. THE CONTRACTOR SHALL NOTIFY THE LAND USE ADMINISTRATOR AFTER THE EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AND AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
3. COMMENCE CLEARING AND GRUBBING OPERATIONS AND STOCKPILE TOPSOIL. STUMPS ARE TO BE DISPOSED OF OFF SITE.
4. COMMENCE FOUNDATION EXCAVATION
5. POUR FOUNDATION.
6. INSTALL FOOTING DRAINS AND BACKFILL FOUNDATION.
7. COMMENCE BUILDING CONSTRUCTION.
8. INSTALL UNDERGROUND UTILITY SERVICES.
9. CONNECT TO EXISTING SEPTIC SYSTEM.
10. COMPLETE BUILDING CONSTRUCTION.
11. GRADE SITE.
12. TOPSOIL SEED AND MULCH YARD.
13. REMOVE EROSION CONTROL MEASURES IMMEDIATELY AFTER A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED ON DISTURBED AREAS.

DESIGN CRITERIA AND CONSTRUCTION DETAILS:

SEE THIS SHEET FOR CONSTRUCTION DETAILS.

FILTER FABRIC SILT FENCE AND/OR WOOD CHIP BERMS ARE TO BE USED TO INTERCEPT AND CONTAIN SOIL EROSION RESULTING FROM SURFACE RUNOFF OVER TEMPORARILY DISTURBED AREAS.

MAINTENANCE PROGRAM:

FILTER FABRIC SILT FENCE AND/OR WOOD CHIP BERMS ARE TO BE INSPECTED WEEKLY AND IMMEDIATELY AFTER A RAINFALL EVENT OF 1" OR MORE IN A 24 HOUR PERIOD AND DURING A MAJOR STORM EVENT.
(A MAJOR STORM EVENT IS DEFINED AS A STORM PREDICTED BY THE NATIONAL OFFICE OF ATMOSPHERIC ADMINISTRATION WEATHER SERVICE WITH WARNINGS OF FLOODING, SEVERE THUNDERSTORMS, OR SIMILARLY SEVERE WEATHER CONDITIONS).
REPAIR OR REPLACE SILT FENCE/WOOD CHIP BERMS AS NECESSARY. CLEAN ACCUMULATED SILT AWAY FROM SILT FENCE/WOOD CHIP BERMS WHEN A DEPTH OF 6" IS REACHED OR AS NECESSARY TO MAINTAIN STRUCTURAL INTEGRITY AND EFFECTIVENESS.

THE PERSON RESPONSIBLE FOR OVERSEEING AND MONITORING OF THE EROSION AND SEDIMENT CONTROL MEASURES IS THE OWNER, KATHERINE McCABE @ 203-952-7597.

EROSION AND SEDIMENT CONTROL NOTES:

1. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THESE DRAWINGS AND CONDITIONS OF THE EAST HADDAM PLANNING AND ZONING COMMISSION.
2. WORK RELATING TO EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE DETAILS AND CONSTRUCTION METHODS ON THESE DRAWINGS AND AS OUTLINED IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.
3. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF EXCAVATION OR FILL OPERATIONS IN UPHILL AREAS.
4. ALL WORK DISTURBED BY CONSTRUCTION SHALL BE TOPSOILED (6" MINIMUM DEPTH), SEEDED AND MULCHED AS SOON AS PRACTICABLE AFTER THE COMPLETION OF CONSTRUCTION IN THAT AREA. NATURAL VEGETATION IN UNDISTURBED AREAS SHALL BE RETAINED AND PROTECTED.
5. ALL SLOPES IN CUT AND FILL AREAS SHALL BE 2H:1V MAXIMUM UNLESS NOTED OTHERWISE ON THE PLAN.
6. EROSION AND SEDIMENT CONTROL DEVICES SHALL NOT BE REMOVED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED ON UPHILL AREAS.
7. RECOMMENDED SEED MIXTURE ON DISTURBED AREAS (UNLESS NOTED OTHERWISE ON THE SITE PLAN) SHALL BE: CREEPING RED FESCUE (PENN LAWN, WINTERGREEN) - 1.30 LBS PER 1000 S.F.; S.F.) ; REDTOP (STREEKER, COMMON) - 0.20 LBS.PER 1,000 S.F. ; AND TALL FESCUE (KENTUCKY 31) OR SMOOTH BROMEGRASS (SARATOGA, LINCOLN) - 1.90 LBS. PER 1,000 S.F.. RECOMMENDED SEEDING DATES ARE MARCH 15 THROUGH JUNE 15 AND AUGUST 15 THROUGH OCTOBER 15. USE HAY MULCH ON ALL SEEDED AREAS FOR MOISTURE RETENTION.
8. DISTURBED AREAS SHALL NOT BE SEEDED OUTSIDE OF THE RECOMMENDED SEEDING DATES, BUT SHALL BE TEMPORARILY STABILIZED WITH HAY MULCH UNTIL A PERMANENT SEEDING DURING RECOMMENDED SEEDING DATES CAN TAKE PLACE.
9. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED PERIODICALLY, PARTICULARLY AFTER A RAINFALL EVENT, AND REPAIRED, MAINTAINED BY THE APPLICANT AS REQUIRED.
10. LIME AND FERTILIZER APPLICATION RATES SHALL BE BASED UPON THE RESULTS OF SOIL SAMPLE TESTS PERFORMED BY THE APPLICANT.
11. MINIMUM TOPSOIL DEPTH IN AREAS TO BE SEEDED SHALL BE 4".

OWNER/APPLICANT:
KATHERINE McCABE
15 HARVEST HILL DRIVE
TRUMBULL, CT 06611

NEMERGUT CONSULTING
235 ROUTE 80 - P.O. BOX 666
KILLINGWORTH, CONNECTICUT
06419
PHONE: 860.663.2384
NEMERGUTCONSULTING.COM

STATE OF CONNECTICUT — ROGER D. NEMERGUT — NO. 10008 — REGISTERED PROFESSIONAL ENGINEER

ROGER D. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 10008

JASON A. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 26088

COPYRIGHT © 2025 NEMERGUT CONSULTING
NEMERGUT CONSULTING RESERVES ITS COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO A THIRD PARTY WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF NEMERGUT CONSULTING

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS THE DESIGN ENGINEER'S RAISED PROFESSIONAL SEAL APPEARS ON THE PLAN; AND THE OWNER/CONTRACTOR HAS CONTACTED THE DESIGN ENGINEER TO VERIFY THAT THEY ARE IN POSSESSION OF THE LATEST APPROVED DESIGN PLANS.

SITE PLAN & EROSION AND SEDIMENT CONTROL PLAN

KATHERINE McCABE
101 BEEBE ROAD
EAST HADDAM CONNECTICUT

MAP: 68 LOT: 6

DATE: 4/14/25
DESIGNED BY: J.A.N.
CHECKED BY: R.D.N.
SCALE: 1" = 20'

NO.	DATE	REVISIONS
1	5/12/25	

SHEET

1 OF 1