

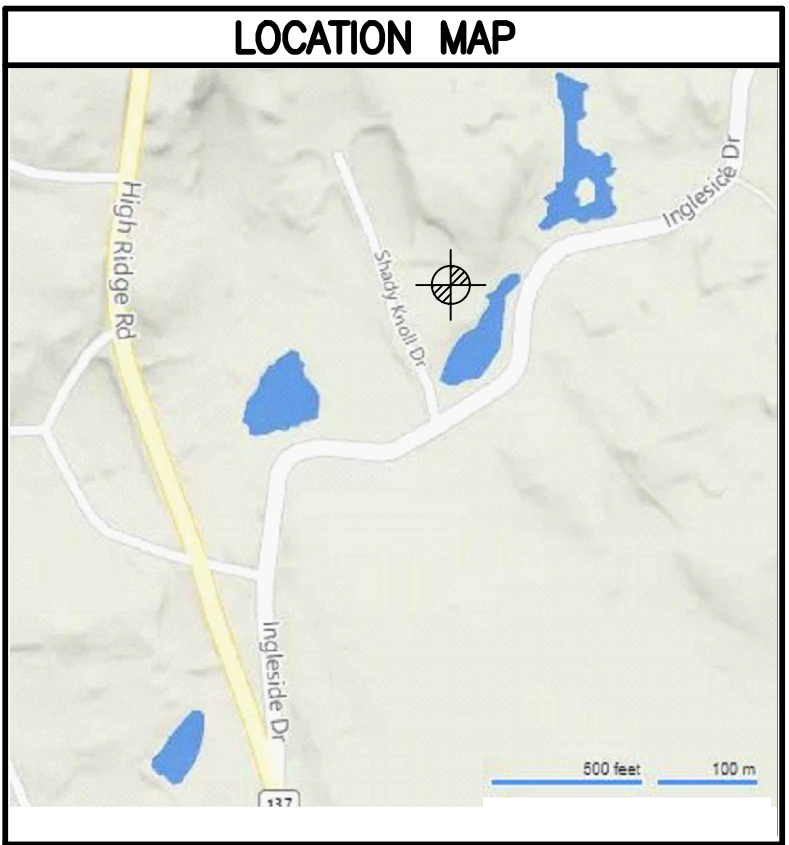
# SEDIMENTATION AND EROSION CONTROL NOTES

1. LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. PERMANENT STABILIZATION SHALL BE SCHEDULED AS SOON AS FINAL GRADES ARE ESTABLISHED.
2. ALL DISTURBED AREAS SHALL BE FINE GRADED AND SEEDED WITH AN APPROVED SEED MIXTURE. COVER NEWLY SEEDED AREAS WITH MULCH HAY OR SALT HAY.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE 2002 CONNECTICUT "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" HANDBOOK.
4. ALL CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. CHECK AFTER EACH STORM EVENT.
5. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF REQUIRED BY TOWN AUTHORITIES.
6. SEDIMENT DEPOSITS REMOVED FROM FILTER BARRIERS SHALL BE PLACED IN FILL AREAS OR SPREAD WHERE THERE IS PROPOSED VEGETATIVE COVER. ANY SEDIMENT DEPOSITS REMAINING AFTER THE FILTER BARRIER IS REMOVED SHALL BE FINE GRADED AND PLANTED ACCORDING TO PLAN.
7. THE SITE CONSTRUCTION CONTRACTOR IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PLANNING AND ZONING OFFICE (AND/OR THE CONSERVATION COMMISSION) OF ANY TRANSFER OF THIS RESPONSIBILITY AND CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED TO A NEW OWNER.

# SEWAGE DISPOSAL SYSTEM NOTES

1. THE PROPOSED SEWAGE DISPOSAL SYSTEM SHALL CONFORM TO SECTIONS 19-13-B103d THROUGH 19-13-B104d OF THE CONNECTICUT STATE HEALTH CODE.
2. THE STAMFORD HEALTH DEPARTMENT AND THE ENGINEER OF RECORD SHALL BE NOTIFIED THREE DAYS PRIOR TO COMMENCEMENT OF EACH PHASE OF CONSTRUCTION.
3. NO CERTIFICATE OF CONFORMANCE TO STANDARDS SHALL BE ISSUED BY THE DESIGN ENGINEER IF PROPER NOTICE IS NOT PROVIDED FOR INSPECTIONS OR IF INSPECTIONS ARE NOT MADE PRIOR TO BACKFILLING OF BELOW GROUND STRUCTURES AND APPURTENANCES.
4. ALL EXISTING SITE AND UTILITY LOCATIONS ARE AS TAKEN FROM A MAP TITLED "ZONING LOCATION SURVEY PREPARED FOR DAISY MCFADDEN", PROVIDED BY THE ARCHITECT, DATED OCTOBER 26, 2021.
5. THE PROPOSED STRUCTURE IS A FIVE BEDROOM RESIDENCE. THE REQUIRED EFFECTIVE LEACHING AREA FOR THIS HOUSE, WHICH IS BASED UPON AN OBSERVED PERCOLATION RATE OF 1"/10 MIN., IS 660.0 SF.
6. THE PROPOSED LEACHING AREA CONSISTS OF 66 LINEAR FEET OF GEOMATRIX GST 6212, WHICH WILL PROVIDE 660.0 S.F. OF EFFECTIVE LEACHING AREA, (66 x 10.0 = 660.0).
7. THE PROPOSED 1250 GALLON SEPTIC TANK SHALL CONFORM TO THE SPECIFICATIONS OUTLINED IN THE STATE OF CONNECTICUT TECHNICAL STANDARDS.
8. THERE WILL BE NO WELL WITHIN 75 FEET OF THE PROPOSED SEPTIC SYSTEM.
9. A BENCHMARK SHALL BE ESTABLISHED IN THE FIELD BY A SURVEYOR.
10. ALL BERM MATERIAL SHALL BE FREE OF LARGE STONE, LOGS, OR OTHER DEBRIS THAT MAY CREATE LARGE VOIDS. IT SHALL CONSIST OF COMPACTED NATIVE LOAMY SOIL WITH A MAXIMUM PERCOLATION RATE OF 1"/15 MINUTES.
11. ALL FILL SHALL BE PLACED ON THE PERIMETER OF THE PROPOSED LEACHING SYSTEM AND CAREFULLY PLACED BY THE CONTRACTOR IN LIFTS OF 1' MAXIMUM USING A SMALL CRAWLER, TRACTOR OR OTHER APPROVED MACHINERY.
12. DISTRIBUTION BOXES SHALL BE ON STABLE FOOTING, CONSISTING OF 10" CRUSHED STONE.
13. ALL LOCATIONS OF INLETS AND OUTLETS FROM THE SEPTIC TANK AND DISTRIBUTION BOXES SHALL BE GASKETED.
14. ALL SELECT FILL MATERIAL MUST MEET THE REQUIREMENTS SPECIFIED IN SECTION VII A OF THE STATE OF CONNECTICUT PUBLIC HEALTH CODE TECHNICAL STANDARDS. A SIEVE ANALYSIS MUST BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO THE INSTALLATION.
15. ALL SELECT FILL SHALL HAVE FEWER THAN 2.5% OF THE FINES PASSING THE #200 SIEVE, FEWER THAN 5% OF THE FINES PASSING #100 SIEVE, AND SHALL ACHIEVE AN AVERAGE PERCOLATION RATE OF 1"/5 MINUTES, AFTER BEING PLACED. ALL FILL SHALL BE PLACED IN LIFTS OF 1' MAXIMUM.
16. THE CONTRACTOR SHALL PROVIDE A REPRESENTATIVE SAMPLE OF ALL FILL MATERIAL TO THE ENGINEER OF RECORD FOR INSPECTION AND SIEVE ANALYSIS AT THE CONTRACTOR'S EXPENSE, PRIOR TO PLACEMENT. IT MAY BE ALSO NECESSARY FOR THE INSTALLER TO PROVIDE A SAMPLE OF THE SOIL TO THE LOCAL HEALTH DEPARTMENT.
17. THE SELECT FILL SHALL BE HARROWED INTO EXISTING SOIL, PAST THE TOPSOIL LAYER.
18. EXISTING SEPTIC SYSTEM TO BE ABANDONED PER STATE OF CONNECTICUT HEALTH CODE.
19. THE SEPTIC TANK SHALL BE WATER-TIGHT AND BE SO CERTIFIED BY THE MANUFACTURER.
20. THE CONTRACTOR SHALL MORTAR ALL INLETS AND OUTLETS FROM SEPTIC TANK AND PUMP CHAMBER ONCE PIPES HAVE BEEN INSTALLED.
21. THE CONTRACTOR SHALL REMOVE ALL TREES, STUMPS, AND LARGE STONES WITHIN LIMITS OF THE SEWAGE DISPOSAL SYSTEM.
22. THE CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL OUTSIDE THE LIMITS OF SEWAGE DISPOSAL SYSTEM AND REUSE IT TO FINISH GRADE THE AREA OF DISTURBANCE, ADDITIONAL TOPSOIL, IF REQUIRED TO COVER DISTURBED AREAS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
23. THE CONTRACTOR SHALL TOPSOIL, FINE RAKE, SEED AND MULCH ALL AREAS DISTURBED BY CONSTRUCTION.
24. WHERE POSSIBLE THE CONTRACTOR SHALL SAVE EXISTING TREES IN AND AROUND THE AREA OF THE PROPOSED SEWAGE DISPOSAL SYSTEM BY WHATEVER MEANS HE DEEMS PRUDENT. NO TREES ARE TO BE REMOVED WITHOUT THE AUTHORIZATION OF THE OWNER.
25. ALL UTILITY LOCATIONS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE LOCATION OF THE UTILITIES IN THE FIELD BY WHATEVER MEANS HE DEEMS PRUDENT.
26. THE EXISTING LEACHING TRENCHES SHALL BE EXCAVATED AND REMOVED, BACKFILL THE AREA WITH BANK RUN GRAVEL (SELECT FILL).
27. THIS SYSTEM IS NOT DESIGNED TO ACCEPT WASTE FROM GARBAGE DISPOSAL UNITS, BACKWASH FROM WATER SOFTENER UNITS OR DISCHARGE FROM JACUZZI TYPE HOT TUBS (> 100 GALLONS).
28. CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING "CALL BEFORE YOU DIG", 1-800-922-4455, PRIOR TO START OF ANY EXCAVATION ON SITE, TO LOCATE ALL UNDERGROUND UTILITIES ON PROPERTY AND SHOW SERVICE LINES TO BUILDING. EXCAVATIONS WITHIN 5 TO 25 FEET OF THE SEPTIC SYSTEM SHALL NOT BE BACKFILLED WITH FREE DRAINING MATERIAL.
29. THIS DESIGN CONFORMS TO APPLICABLE CODES AND ACCEPTED PRACTICE, NO OTHER WARRANTY IS EXPRESSED OR IMPLIED.
30. AN "AS BUILT" PLAN, CERTIFIED BY A PROFESSIONAL ENGINEER, SHALL BE SUBMITTED TO THE DEPARTMENT OF HEALTH BEFORE A "PERMIT TO USE" IS ISSUED.
31. A CONNECTICUT REGISTERED PROFESSIONAL ENGINEER ACCEPTABLE TO THE DIRECTOR OF HEALTH SHALL INSPECT CONSTRUCTION TO INSURE COMPLIANCE WITH THE PROPOSED PLAN.
32. THIS SYSTEM IS DESIGNED FOR A MAXIMUM DAILY WATER USE OF 525 GALLONS.
33. MLSS REQUIREMENTS:  
5 BEDROOM DWELLING: FF = 2.0  
PF = 1.0  
RL = 34" AVG.; 58" U.G. AVG. (THS 2 & 3); 10" D.G. AVG. (TH 1)  
SL = 16.8%  
HF = 18"  
MLSS = (2.0) (1.0) (18) = 36.0 L.F.  
SPREAD PROVIDED: 66 L.F.

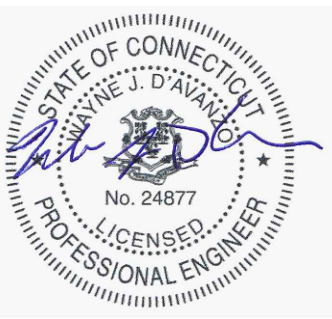
# LOCATION MAP



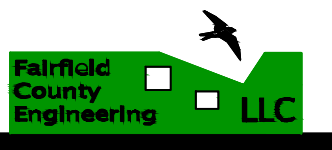
# Standard City of Stamford Notes:

1. A Street Opening Permit is required for all work within the City of Stamford Right-of-Way.
2. All work within the City of Stamford Right-of-Way shall be constructed to City of Stamford requirements, the State of Connecticut Basic Building Code and the Connecticut Guidelines for Soil Erosion and Sedimentation Control.
3. The Engineering Bureau of the City of Stamford shall be notified three days prior to any commencement within the City of Stamford Right-of-Way.
4. Trees within the City of Stamford Right-of-Way to be removed shall be posted in accordance with the Tree Ordinance.
5. Prior to any excavation the Contractor and/or Applicant/Owner, in accordance with Public Act 77-350, shall be required to contact "Call Before You Dig" at 1-800-922-4455 for mark out of underground utilities.
6. All retaining walls greater than three (3) feet measured from finished grade at the top of the wall to finished grade at the bottom of the wall and retaining walls supporting a surcharge or impounding Class I, II, or II-A liquids are required to have a Building Permit. Retaining walls shall be designed, and inspected during construction by a Professional Engineer licensed in the State of Connecticut. Prior to issuance of a Certificate of Occupancy, retaining walls shall be certified by a Professional Engineer licensed in the State of Connecticut.
7. Certification will be required by a professional engineer licensed in the State of Connecticut that work has been completed in compliance with the approved drawings.
8. A Final Improvement Location Survey will be required by a professional land surveyor licensed in the State of Connecticut.
9. Connection to a city-owned storm sewer shall require the Waiver Covering Storm Sewer Connection to be filed with the City of Stamford Engineering Bureau.
10. Granite block or other decorative stone or brick, depressed curb, driveway apron and curbing within the City of Stamford Right-of-Way shall require a waiver from the City of Stamford Engineering Bureau.
11. Sediment and erosion controls shall be maintained and repaired as necessary throughout construction until the site is stabilized.
12. To obtain a Certificate of Occupancy, submittal must include all items outlined in the Checklist for Certificate of Occupancy (Appendix D of the City of Stamford Drainage Manual).
13. No EPB Permit #, Zoning Permit #, Zoning Board of Appeals # is applicable.

# GRAPHIC SCALE



9-9-24  
date



1891 project  
1 OF 2 sheet  
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831-8005 FAX: (203) 831-8006

# DAISY MCFADDEN

25 SHADY KNOLL DRIVE STAMFORD, CONNECTICUT

# SEPTIC PLAN

CIVIL ENGINEERS

1891 project

1 OF 2 sheet