

EROSION & SEDIMENTATION CONTROL PLAN

THIS PLAN HAS BEEN DEVELOPED TO MINIMIZE EROSION AND SEDIMENTATION AND REDUCE THE IMPACT OF STORM WATER RUNOFF DURING CONSTRUCTION USING ENGINEERING PRINCIPALS DETAILED IN THE CONNECTICUT GUIDELINES FOR SOIL AND EROSION AND SEDIMENT CONTROL SEPTEMBER 20, 2023.

THE ACCOMPANYING PLANS PROVIDE THE FOLLOWING INFORMATION FOR THE IMPLEMENTATION OF THIS PLAN:

- LOCATION OF SEDIMENT CONTROL BARRIERS
- FINISHED GRADES TO BE ACHIEVED
- CONSTRUCTION SEQUENCE AND DETAILS

THIS PROJECT IS FOR THE INSTALLATION OF A DRIVEWAY.

THE OWNER AT TIME OF CONSTRUCTION SHALL BE RESPONSIBLE FOR IMPLEMENTING THIS PLAN AND MAINTAINING EROSION/SEDIMENT CONTROL MEASURES DURING CONSTRUCTION. THERE ARE INLAND WETLANDS ON THIS SITE.

CONSTRUCTION SEQUENCE:

1. STAKES OUT LIMTS OF CONSTRUCTION FOR THE DRIVEWAY.
2. INSTALL SEDIMENTATION CONTROL BARRIERS AS SHOWN ON THE PLAN.
3. REMOVE EXISTING VEGETATION AND TOPSOIL WITHIN THE LIMITS OF CONSTRUCTION. STOCKPILE TOPSOIL AS SHOWN ON THE PLAN.
4. ROUGH GRADE THE DRIVEWAY AND INSTALL PIPES AS SHOWN.
5. FOLLOWING THE INSTALLATION OF DRIVEWAY, FINISH GRADE ALL DISTURBED AREAS.
6. LOAM AND SEED ALL DISTURBED AREAS.

Maintenance:

INSPECT SEDIMENT BARRIERS AFTER EACH STORM EVENT AND REPAIR OR REPLACE AS NECESSARY. CLEAN OUT OF ACCUMULATED SEDIMENT IS NECESSARY IF 1/2 OF THE ORIGINAL HEIGHT OF THE BARRIER BECOMES FILLED IN WITH SEDIMENT.

GENERAL NOTES:

1. MAINTAIN ALL SEDIMENT AND EROSION CONTROL FACILITIES UNTIL ALL AREAS HAVE BEEN STABILIZED.
2. LIMITS OF DISTURBANCE AND EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSIDERED AS TYPICAL MINIMUM STANDARDS. THE OWNER AT THE TIME OF CONSTRUCTION WILL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING EROSION AND SEDIMENT CONTROL AND FOR IMPLEMENTING ADDITIONAL MEASURES AS SITE CONDITIONS WARRANT.
3. SLOPES IN HIGH MAINTENANCE AREAS SHALL NOT EXCEED 3:1 (H:V).

TEMPORARY SEEDING:

USE A TEMPORARY VEGETATION COVER OF ANNUAL RYE GRASS AT A RATE OF 1.0 lbs./1000 S.F. APPLY 10-10-10 FERTILIZER, OR EQUIVALENT, AT A RATE OF 7.5 lbs./1000 S.F. AND LIMESTONE AT A RATE OF 90 lbs./1000 S.F. APPLY STRAW OR HAY MULCH AT A RATE OF 70 lbs./1000 S.F.

PERMANENT SEEDING (ALL DISTURBED AREAS):

SEED BED PREPARATION: FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" IN DIAMETER. APPLY LIMESTONE AT A RATE OF 7.5 lbs./1000 S.F. FERTILIZER AT 10-10-10 OR EQUIVALENT, AT A RATE OF 7.5 lbs./1000 S.F. AND LIMESTONE AND FERTILIZER INTO SOIL UNIFORMLY TO A DEPTH OF 4" WITH A HARROW OR EQUIVALENT. SEED APPLICATION: APPLY LAWN SEED BY HAND, CYCLONE SEEDER OR HYDROSEEDER. LIGHTLY DRAG OR ROLL THE SEED SURFACE TO COVER SEED. SEEDING SHOULD BE DONE BETWEEN APRIL 15 AND JUNE 15 OR BETWEEN AUGUST 1 AND SEPTEMBER 30. REFRESHING PRE-SEED PLANTATION UNTIL SEEDING CAN TAKE PLACE. NOTE: IF HYDROSEEDER IS USED, INCREASE SEED MIXTURE BY 10%. MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEDED SURFACE WITH STRAW OR HAY AT A RATE OF 70 lbs./1000 S.F. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE WITH TRACK MACHINE OR DISK HARRROW.

IT IS ANTICIPATED THAT CONSTRUCTION WILL BEGIN IN SPRING 2026 AND ANTICIPATED COMPLETION WOULD BE FALL/WINTER 2026.

DEEP TEST PIT DATA

WITNESSED AND RECORDED ON JULY 17, 2024 BY DALYS REYES MORALES LEDGE LIGHT HEALTH DISTRICT.

TEST PIT 1 DEPTH: 84" 0-10" TOPSOIL 10-22" ORANGE BROWN FINE SANDY LOAM 22-84" GRAY TAN FINE TO MEDIUM SAND W/ GRAVEL AND COBBLES

TEST PIT 2 DEPTH: 79" 0-11" TOPSOIL 11-32" ORANGE BROWN FINE SANDY LOAM 32-79" TAN FINE SAND W/ GRAVEL AND COBBLES

MOTTLES: NONE OBSERVED GW: NONE OBSERVED LEDGE: NONE OBSERVED ROOTS: 39" RESTRICTIVE: 84"

MOTTLES: 34" GW: NONE OBSERVED LEDGE: NONE OBSERVED ROOTS: 40" RESTRICTIVE: 79"

TEST PIT 3 DEPTH: 80" 0-11" TOPSOIL 11-33" ORANGE BROWN FINE SANDY LOAM 33-80" TAN FINE TO MEDIUM SAND W/ GRAVEL AND COBBLES. SOME LARGE ROCKS

TEST PIT 4 DEPTH: 79" 0-10" TOPSOIL 10-32" ORANGE BROWN FINE SANDY LOAM 32-79" TAN FINE SAND W/ GRAVEL AND COBBLES

MOTTLES: NONE OBSERVED GW: NONE OBSERVED LEDGE: NONE OBSERVED ROOTS: 46" RESTRICTIVE: 80"

MOTTLES: NONE OBSERVED GW: NONE OBSERVED LEDGE: NONE OBSERVED ROOTS: 48" RESTRICTIVE: 79"

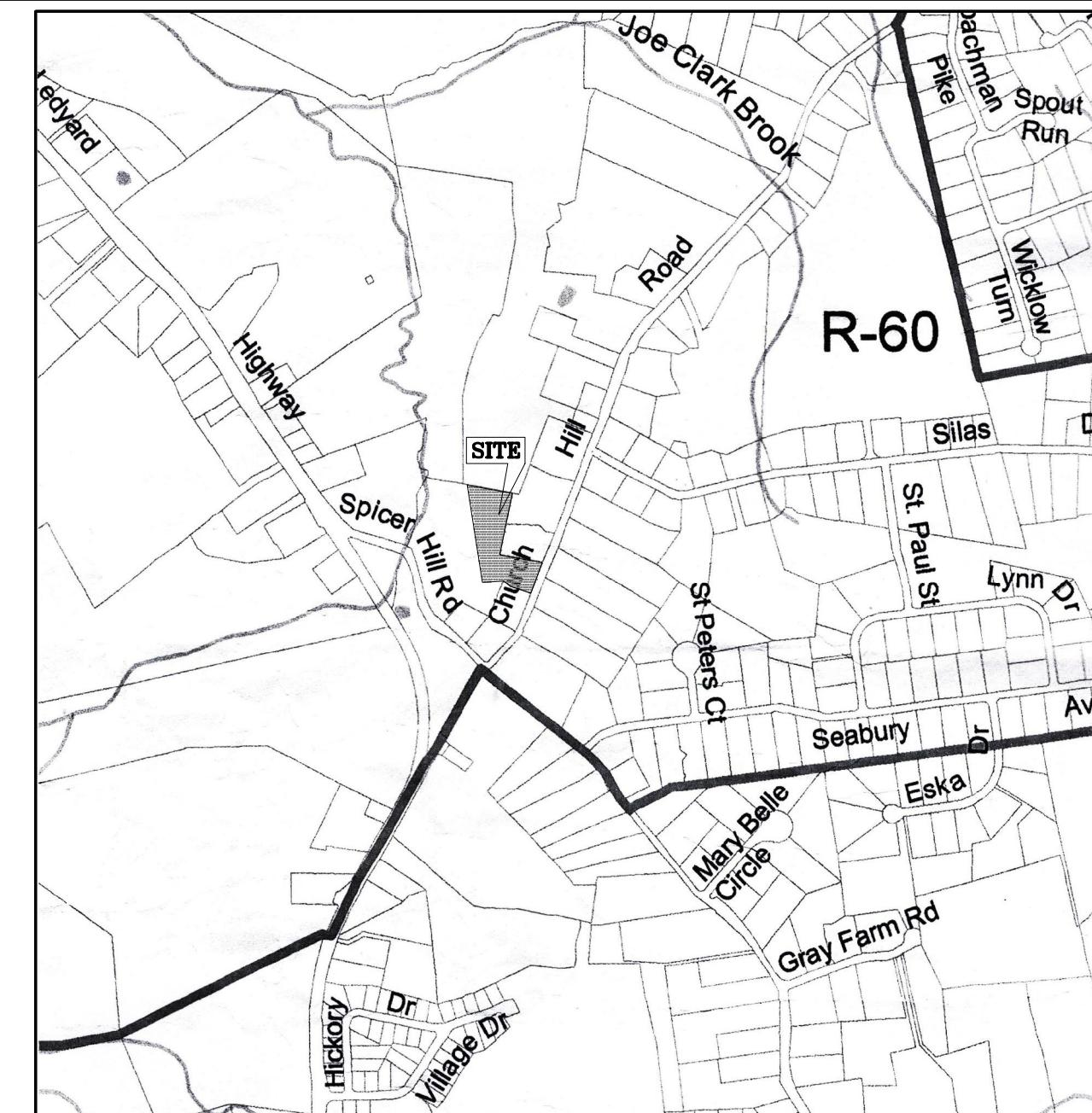
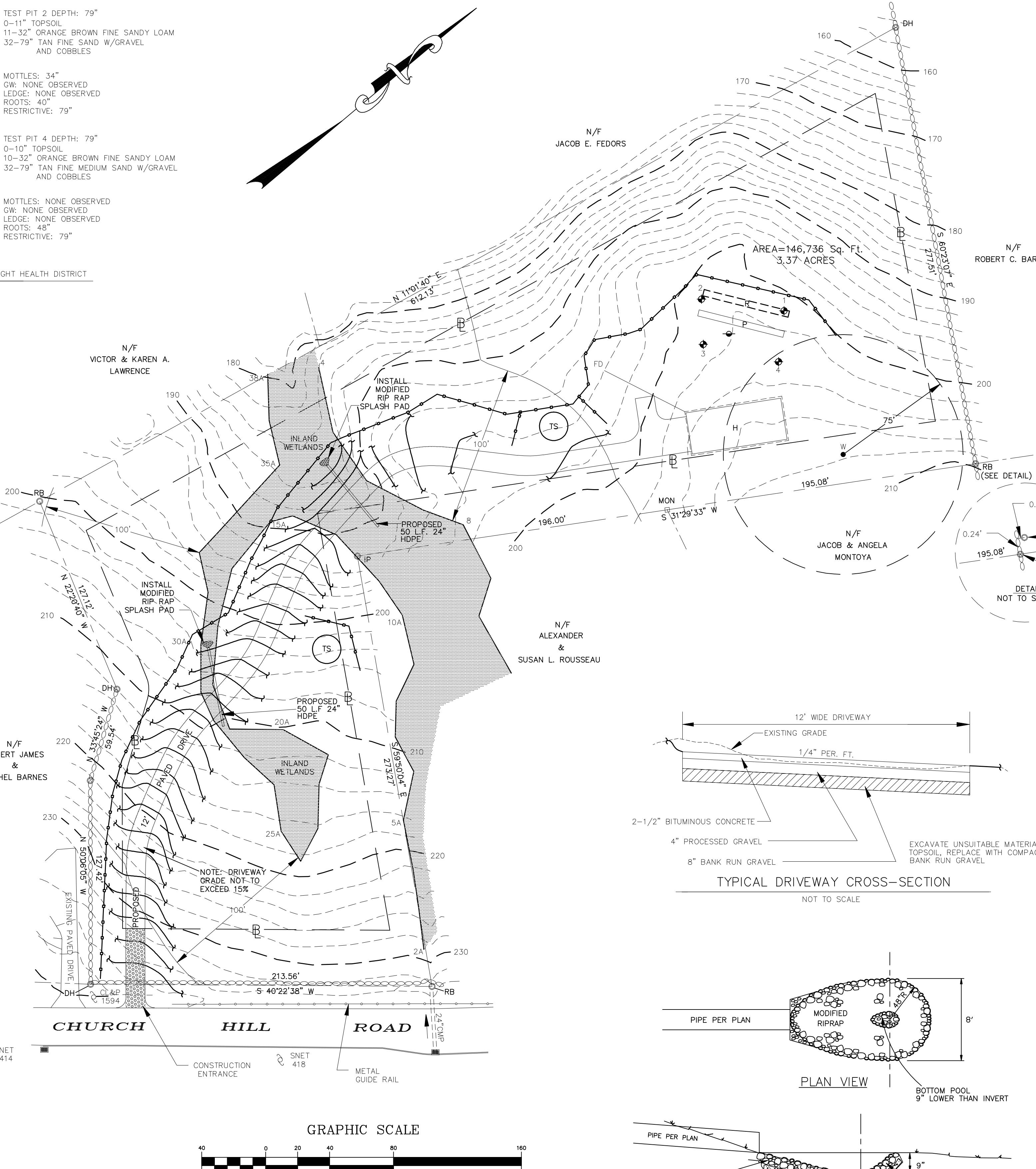
PERCOLATION TEST

PERFORMED BY DALYS REYES MORALES LEDGE LIGHT HEALTH DISTRICT

DATE: 7/14/2024 DEPTH: 26.5"

TIME	READING	MIN./IN
3:09	18.5"	
3:11	20"	2
3:16	21.5"	3.33
3:21	23"	3.33
3:26	24.5"	3.33
3:31	26"	3.33

PERCOLATION RATE: 3.33 MIN./IN



LOCATION MAP

ZONING DISTRICT: R-60

GRAPHIC SCALE

1000 0 500 1000 2000 4000

(IN FEET)

1 inch = 1000 ft.

MAP REFERENCES:

A) F AND H SUBDIVISION ZONE R-60 OWNER & SUBDIVIDER: DAVID F. FOLTZ ET AL & DAVID A. HOLDRIDGE ET AL TOTAL AREA: 13.62 ACRES DATE JULY 1978 SCALE 1"=60' SH. 1 OF 1.

B) PLAN SHOWING NEW DIVISION LINE DIVIDING PROPERTY JOINTLY OWNED BY DAVID FOLTZ AND DAVID HOLDRIDGE LEDYARD, CONNECTICUT SHEET NUMBER 1 OF 1 DATE: SEPTEMBER 20, 2005 1 INCH = 60 FEET.

C) LOT DIVISION PLAN PREPARED FOR DAVID A. HOLDRIDGE AND SARA S. HOLDRIDGE CHURCH HILL ROAD LEDYARD, CONNECTICUT SCALE: 1"=40' JULY 2024.

PER SOIL SURVEY OF NEW LONDON COUNTY SOIL TYPE Crd CHARLTON-HOLLIS FINE SANDY LOAMS, VERY ROCKY, 15 TO 45% SLOPES

ZONING COMPLIANCE ZONING DISTRICT R-60		
ITEM	REQUIRED	PROVIDED
LOT AREA	60,000 S.F.	146,736 S.F.
LOT FRONTAGE	200 FT.	213.56 FT.
FRONT YARD SETBACK	35 FT.	35 FT.
SIDE YARD SETBACK	20 FT.	20 FT.
REAR YARD SETBACK	30 FT.	30 FT.

PLAN PREPARED FOR DAVID A. HOLDRIDGE AND

SARA S. HOLDRIDGE SHOWING PROPOSED DRIVEWAY AND

CONCEPTUAL HOUSE, WELL AND SEPTIC SYSTEM

31 CHURCH HILL ROAD LEDYARD, CONNECTICUT

SCALE: 1"=40'

JANUARY 2026

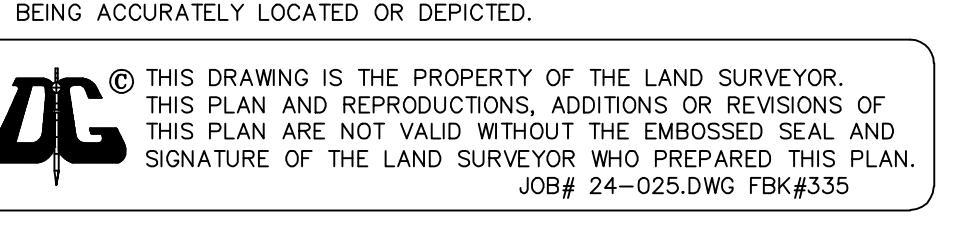
THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THROUGH 20-300B-10 OF THE CONNECTICUT STATUTES, AND MEETS THE MINIMUM STANDARDS OF ACCURACY, CONTENT, AND CERTIFICATION FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT, ADOPTED EFFECTIVE JUNE 21, 1996, REVISED OCTOBER 26, 2018. IT IS A BOUNDARY SURVEY BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2, TOPOGRAPHIC ACCURACY T-D.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

TITLE: LAND SURVEYOR CT No. 14208

DATE: JANUARY 28, 2026

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I HAVE REVIEWED THE INLAND WETLAND BOUNDARY I DELINEATED
AND I AM OF THE OPINION THAT THE WETLAND BOUNDARY IS SHOWN
CORRECTLY ON THIS MAP.
Dan Cole
IAN COLE
SOIL SCIENTIST

THE STONE WALLS AND/OR FENCES SHOWN AS BOUNDARIES
MAY HAVE IRREGULARITIES OF COURSE BETWEEN PRINCIPAL
POINTS OF COURSE INDICATED.

THE WORD "CERTIFY" IS UNDERSTOOD TO BE AN EXPRESSION OF
THE PROFESSIONAL OPINION BY THE LAND SURVEYOR WHICH IS
BASED ON HIS OR HER BEST KNOWLEDGE, INFORMATION AND BELIEF.
AS SUCH IT CONSTITUTES NEITHER GUARANTEE OR WARRANTY.

NOTE: BOUNDARY LINES OF ADJOINING PROPERTIES ARE SHOWN FOR GENERAL
INFORMATIONAL PURPOSES ONLY AND ARE NOT TO BE CONSTRUED AS
BEING ACCURATELY LOCATED OR DEPICTED.

THIS DRAWING IS THE PROPERTY OF THE LAND SURVEYOR.
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JOB # 24-025.DWG FBK#335