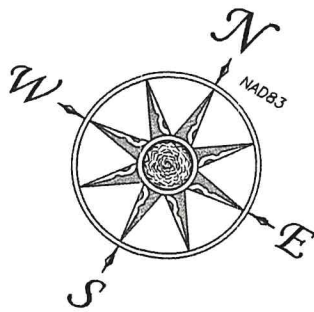


CALL BEFORE YOU DIG!
DIAL 811



ZONING INFORMATION	
CURRENT ZONING DISTRICT: R-40	
ITEM	REQUIREMENT
LOT AREA	40,000 SF MIN
FRONTAGE	150' MIN
FRONT YARD SETBACK	40' MIN
SIDE YARD SETBACK	20' MIN
REAR YARD SETBACK	20' MIN
BUILDING HEIGHT	35' MAX, 25' MAX
BUILDING COVERAGE	20% MAX
IMPERVIOUS SURFACE COVERAGE	25% MAX
MINIMUM BUILDABLE AREA	25,000 SF (MIN WIDTH = 115')
BUILDING DENSITY	0.60 LOTS PER BUILDABLE ACRE

LEGEND

- ± MORE OR LESS
- AC ASPHALT CURB
- CB CATCH BASIN
- CB/B CONCRETE BOUND
- CB/C CONCRETE BOUND WITH CROSS
- DH/D DRILL HOLE
- IP/ IRON PIPE
- MAG/ MAGNAIL
- MON/ MONUMENT
- PROPERTY POINT
- RB/ REBAR
- RB/C REBAR WITH CAP
- (F) FOUND
- (S) SET
- (SD) SCALED DISTANCE
- GW GUY WIRE
- EXIST EXISTING
- HW HEADWALL
- N/F NOW OR FORMERLY
- PROP PROPOSED
- REF REFERENCE
- SF SQUARE FEET
- EXISTING TREE LINE
- UTILITY POLE
- CL&P CONNECTICUT LIGHT & POWER
- SNET SOUTHERN NEW ENGLAND TELEPHONE
- STONEWALL
- BUILDING SETBACK LINE
- LIMITS OF INLAND WETLANDS
- Δ WETLAND FLAG
- HDPE HIGH-DENSITY POLYETHYLENE PIPE
- OHW EXISTING OVERHEAD WIRE
- TBS PROPERTY CORNER TO BE SET

N/F
SCOTT NYE &
TRACY A. NYE
VOL 162, PG 654

N/F
SCOTT NYE &
TRACY A. NYE
VOL 94, PG 486

N/F
DUAINE A. NYE &
JENNIFER L. NYE
VOL 75, PG 437

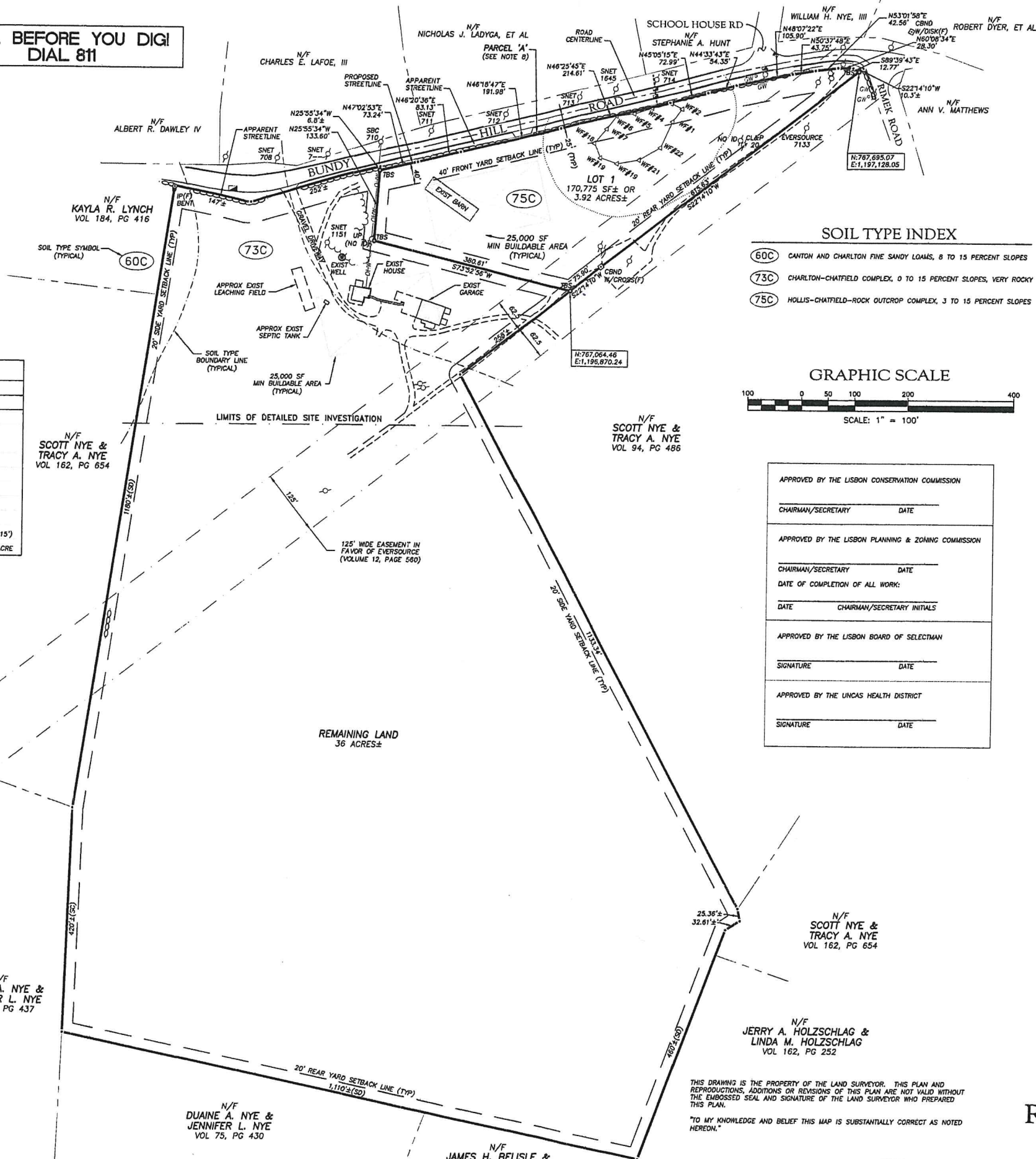
N/F
SCOTT NYE &
TRACY A. NYE
VOL 162, PG 654

N/F
JERRY A. HOLZSCHLAG &
LINDA M. HOLZSCHLAG
VOL 162, PG 252

N/F
JAMES H. BELISLE &
KATHLEEN BELISLE
VOL 76, PG 490

N/F
DUAINE A. NYE &
JENNIFER L. NYE
VOL 75, PG 430

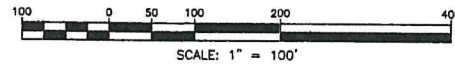
PREPARED BY:
DGT Associates
Surveying &
Engineering
Preston, CT • Boston • Worcester
Framingham
148 CT-2, Preston, CT 06365
860-899-1999 www.DGTassociates.com



SOIL TYPE INDEX

- 60C CANTON AND CHARLTON FINE SANDY LOAMS, 8 TO 15 PERCENT SLOPES
- 73C CHARLTON-CHATFIELD COMPLEX, 0 TO 15 PERCENT SLOPES, VERY ROCKY
- 75C HOLLIS-CHATFIELD-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES

GRAPHIC SCALE



APPROVED BY THE LISBON CONSERVATION COMMISSION

CHAIRMAN/SECRETARY DATE

APPROVED BY THE LISBON PLANNING & ZONING COMMISSION

CHAIRMAN/SECRETARY DATE

DATE OF COMPLETION OF ALL WORK:

DATE CHAIRMAN/SECRETARY INITIALS

APPROVED BY THE LISBON BOARD OF SELECTMAN

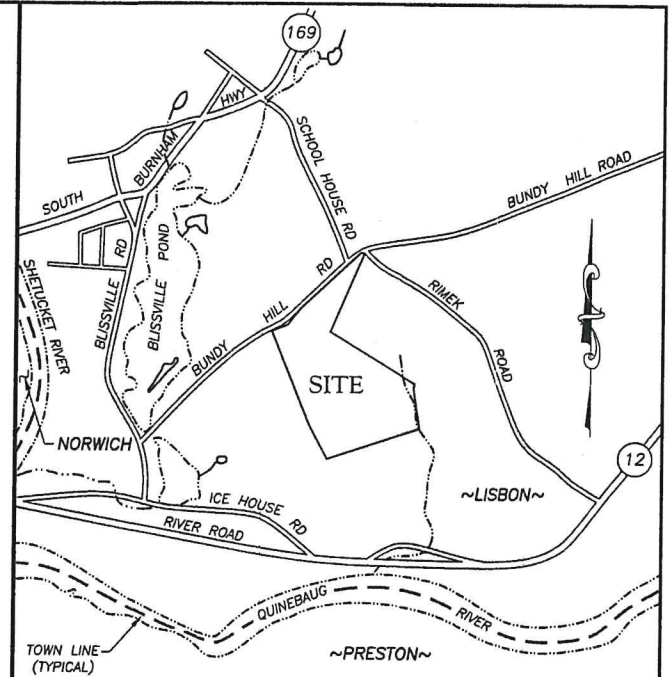
SIGNATURE DATE

APPROVED BY THE UNCAS HEALTH DISTRICT

SIGNATURE DATE

LOCATION MAP

SCALE: 1"=1000'



REFERENCE NOTES

- THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THROUGH 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - MINIMUM STANDARDS OF ACCURACY, CONTENT AND CERTIFICATION FOR SURVEYS AND MAPS, ADOPTED EFFECTIVE JUNE 21, 1996, REVISED OCTOBER 24, 2014. THE NORTHERLY, WESTERLY, SOUTHERLY AND SOUTHEASTERLY LINES OF REMAINING LAND OF NYE IS A PROPERTY SURVEY CONFORMING TO HORIZONTAL ACCURACY "D" STANDARDS. THE NORTHERLY, WESTERLY AND SOUTHERLY LINES OF LOT 1 CONSTITUTE A PROPERTY SURVEY CONFORMING TO HORIZONTAL ACCURACY "CLASS A-2" STANDARDS. THE BOUNDARY DETERMINATION CATEGORY IS AN "ORIGINAL SURVEY". THE SOUTHEASTERLY LINE OF LOT 1 IS A PROPERTY SURVEY CONFORMING TO HORIZONTAL ACCURACY "CLASS A-2" STANDARDS. THE BOUNDARY DETERMINATION CATEGORY IS A "RE-SURVEY". REFERENCE MAY BE MADE TO NORTH AMERICAN DATUM OF 1983 (NAD 83). TOPOGRAPHIC INFORMATION DEPICTED HEREON CONFORMS TO TOPOGRAPHIC ACCURACY "CLASS T-2" AND IS DERIVED FROM STATE OF CONNECTICUT LIDAR. REFERENCE MAY BE MADE TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE PURPOSE OF THIS PLAN IS TO DEPICT A ONE LOT SUBDIVISION.
- REFERENCE MAY BE MADE TO THE FOLLOWING DEEDS RECORDED IN THE TOWN OF LISBON LAND RECORDS:
VOLUME: 94 PAGES: 484 TYPE: QUIT CLAIM
GRANTOR: ROLLIN NYE & PATRICIA NYE, SCOTT NYE, & TRACY A. NYE
GRANTEE: ROLLIN NYE & PATRICIA NYE
DATE EXECUTED: MARCH 13, 2001 DATE RECORDED: MARCH 20, 2001
VOLUME: 94 PAGES: 486 TYPE: QUIT CLAIM
GRANTOR: ROLLIN NYE & PATRICIA NYE
GRANTEE: SCOTT NYE & TRACY A. NYE
DATE EXECUTED: MARCH 13, 2001 DATE RECORDED: MARCH 20, 2001
- LOT 1 AND "REMAINING LAND" ARE SUBJECT TO A ELECTRIC EASEMENT IN FAVOR OF EVERSOURCE REFERENCED BELOW.
VOLUME: 12 PAGES: 260 TYPE: (NOT NOTED)
GRANTOR: THE JEWISH AGRICULTURAL AND INDUSTRIAL AID SOCIETY
GRANTEE: THE SHORE LINE ELECTRIC RAILWAY COMPANY
DATE EXECUTED: JULY 12, 1918 DATE RECORDED: AUGUST 21, 1918
- REFERENCE MAY BE MADE TO THE FOLLOWING PLANS:
A1 "PLAN OF RIGHT OF WAY TUNNEL SUBSTATION TO BROOKLYN JUNCTION, PRESTON AND LISBON, CONNECTICUT DATE: 6-2000 SCALE: 1"=200' SHEET 1 OF 17" PRODUCED FOR EVERSOURCE BY VIII.
- SAID PARCEL IS TOGETHER WITH AND SUBJECT TO SUCH RIGHTS AS MAY APPEAR OF RECORD.
- SITE CURRENTLY ZONED R-40.
- SUBJECT PREMISES IS LOCATED IN FLOOD ZONE 'X' (AREA OF MINIMAL FLOOD HAZARD) AS PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD MAPPING FIRM PANELS 499011C0209G & 499011C0209G BEARING AN EFFECTIVE DATE OF 7-18-2011.
- ALL THAT LAND BETWEEN THE APPARENT STREET LINE AND THE PROPOSED STREETLINE, DEPICTED HEREON AS "PARCEL A", SHALL BE CONVEYED TO THE TOWN OF LISBON BY WARRENTY DEED.
- LIMITS OF WETLANDS DELINEATED IN THE FIELD BY RICHARD SNARSKI, CSS OCTOBER 21, 2022.
- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING, PAROLE TESTIMONY AND OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO DGT ASSOCIATES. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO ANY FUTURE CONSTRUCTION ACTIVITY. CALL BEFORE YOU DIG AT 1-800-922-4455.
- SEPTIC SYSTEM INFORMATION FOR THE EXISTING HOUSE LOT IS AS PER OWNER.
- LOT 1 SHALL REQUIRE AN ENGINEERED SEPTIC DESIGN PRIOR TO ISSUANCE OF A BUILDING PERMIT.

RECEIVED

9:44am

MAR 1 2023

My Beach

TOWN CLERKS OFFICE
TOWN OF LISBON

SUBDIVISION PLAN
OWNER/SUBDIVIDER/APPLICANT:

ROLLIN NYE & PATRICIA NYE
181 BUNDY HILL ROAD
LISBON, CONNECTICUT

THIS DRAWING IS THE PROPERTY OF THE LAND SURVEYOR. THIS PLAN AND REPRODUCTIONS, ADDITIONS OR REVISIONS OF THIS PLAN ARE NOT VALID WITHOUT THE EMBOSSED SEAL AND SIGNATURE OF THE LAND SURVEYOR WHO PREPARED THIS PLAN.
"TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."

70309
ROBERT E. BIELERT, PLS LICENSE NO. DATE

PERCOLATION TEST RESULT

PERFORMED BY DGT ASSOCIATES
PT1 (12/13/22)
TOTAL DEPTH = 30"
PRESOAK AT 9:10
TIME READING
10:12 2-1/2"
10:17 3-1/2"
10:22 3-3/4"
10:27 4"
10:32 4-1/4"
10:37 4-1/2"
10:42 4-3/4"
10:47 5"
10:52 5-1/4"
10:57 5-1/2"
11:02 5-5/8"
11:07 5-3/4"
11:12 5-7/8"
PERCOLATION RATE = 20-40 MINUTES/INCH

PT2 (2/21/23)
TOTAL DEPTH = 24"
PRESOAK AT 12:52
TIME READING
1:50 8-1/2"
1:55 9"
2:00 9-1/4"
2:05 9-1/2"
2:10 9-3/4"
2:15 10"
2:20 10-1/4"
2:25 10-1/2"
2:30 10-3/4"
2:35 11"
2:40 11-1/4"
2:45 11-1/2"
2:50 11-3/4"
PERCOLATION RATE = 20 MINUTES/INCH

PT3 (2/21/23)
TOTAL DEPTH = 24"
PRESOAK AT 12:52
TIME READING
1:52 7"
1:57 8"
2:02 9"
2:07 9-3/4"
2:12 10-1/2"
2:17 11-1/4"
2:22 11-3/4"
2:27 12-1/4"
2:32 12-3/4"
2:37 13"
2:42 13-1/4"
2:47 13-1/2"
2:52 13-3/4"
PERCOLATION RATE = 20 MINUTES/INCH

DEEP TEST PIT RESULTS

DEEP TEST PITS WERE WITNESSED BY AL GOSSELIN, SAN
UNCAS HEALTH DISTRICT ON 12-13-22.
TEST PIT #1
0' - 7" TOPSOIL
7' - 18" TAN MEDIUM SANDY LOAM
18" - 80" FIRM GREY FINE SILTY LOAM
MOTTLING: 21"
GROUNDWATER: 44"
NO LEDGE
ROOTS: 22"
RESTRICTIVE: 21"
TEST PIT #2
0' - 10" TOPSOIL
10" - 31" TAN MEDIUM SANDY LOAM
31" - 71" FIRM GREY FINE SILTY LOAM
MOTTLING: 24"
GROUNDWATER: 50"
NO LEDGE
NO ROOTS
RESTRICTIVE: 24"
TEST PIT #3
0' - 24" TOPSOIL
24" - 30" TAN MEDIUM SANDY LOAM
30" - 87" FIRM GREY FINE SILTY LOAM
MOTTLING: 24"
GROUNDWATER: 34"
NO LEDGE
ROOTS: 34"
RESTRICTIVE: 24"
TEST PIT #4
0' - 10" TOPSOIL
10" - 33" TAN MEDIUM SANDY LOAM
33" - 82" FIRM GREY FINE SILTY LOAM
MOTTLING: 34"
NO GROUNDWATER
NO LEDGE
ROOTS: 39"
RESTRICTIVE: 34"

SANITARY DESIGN CRITERIA

PROPOSED 2 BEDROOM HOUSE
DESIGN PERCOLATION RATE: 20 MINUTES/INCH
LEACHING AREA REQUIRED = 500 SF EFFECTIVE
DESIGN: PROPOSED 1,000-GALLON (MINIMUM) CONCRETE SEPTIC TANK
USE ONE ROW OF 88" x 12" HIGH x 4" WIDE LEACHING GALLERIES
LEACHING AREA PROVIDED: 519 SF EFFECTIVE
100% RESERVE AREA PROVIDED

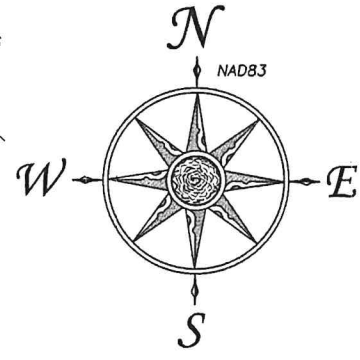
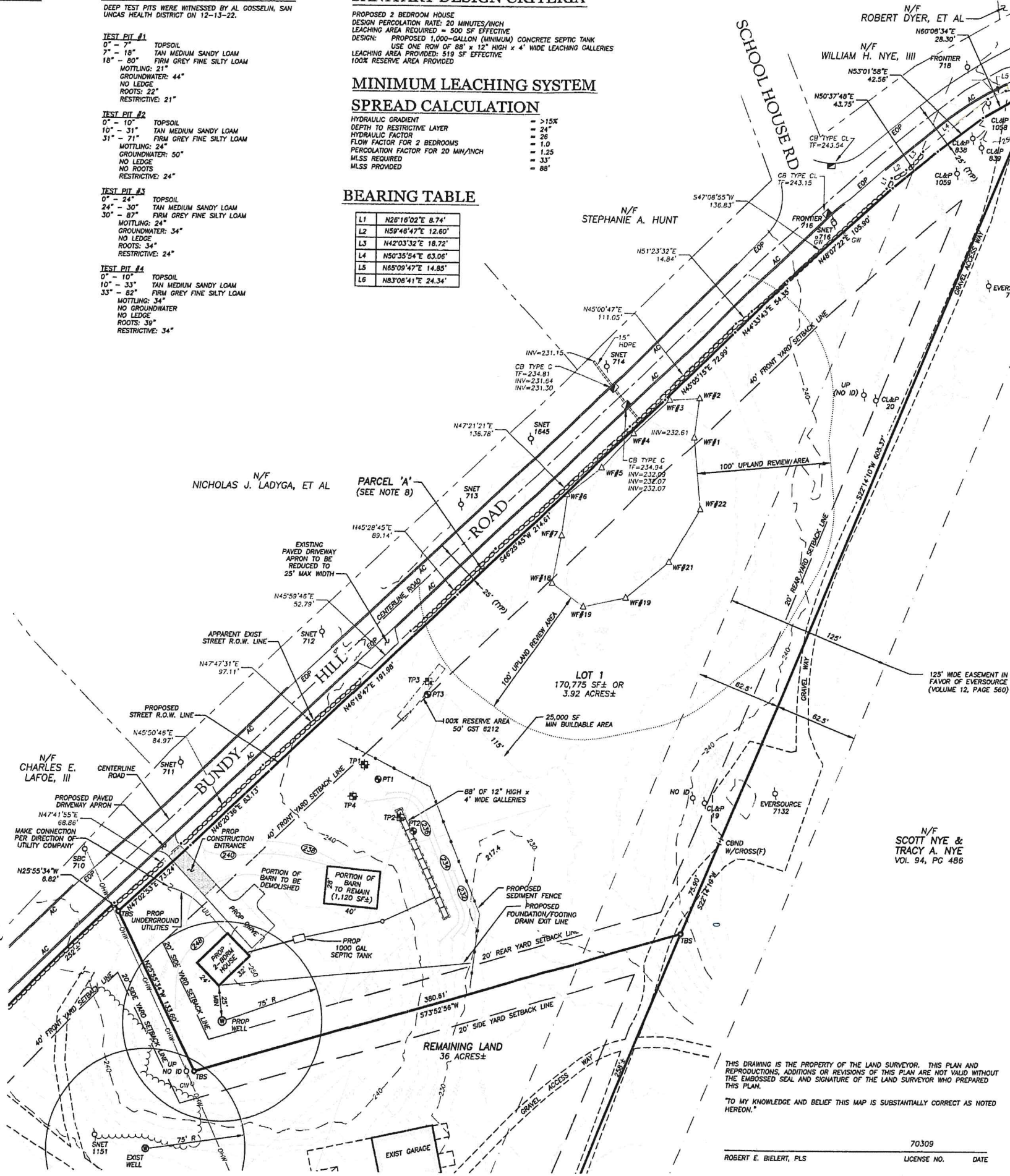
MINIMUM LEACHING SYSTEM

SPREAD CALCULATION

HYDRAULIC GRADIENT > .15%
DEPTH TO RESTRICTIVE LAYER = 24"
HYDRAULIC FACTOR = 26
FLOW FACTOR FOR 2 BEDROOMS = 1.0
PERCOLATION FACTOR FOR 20 MIN/INCH = 1.25
M.L.S.S. REQUIRED = 33"
M.L.S.S. PROVIDED = 88"

BEARING TABLE

Table with 2 columns: Line ID (L1-L6) and Bearing/Distance (e.g., N26°16'02"E 8.74')

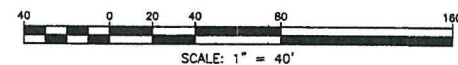


CALL BEFORE YOU DIG
DIAL 811

LEGEND

- List of symbols and their meanings: ± MORE OR LESS, AC ASPHALT CURB, CB/CROSS CONCRETE BOUND WITH CROSS, etc.

GRAPHIC SCALE



NOTE: NO FREE DRAINING MATERIAL IS TO BE USED IN BACKFILLING UNDERGROUND UTILITIES WITHIN 25' OF THE UP SLOPE / SIDES OR 50' DOWN SLOPE OF THE PROPOSED SEPTIC SYSTEMS.
NOTE: ROOF & FOUNDATION DRAIN EXIT LINE PIPES ARE TO BE TIGHTPIPE WITHIN 23' OF THE PROPOSED SEPTIC SYSTEMS.
WARNING THESE PLANS NOT TO BE USED FOR LOCATION OF UNDERGROUND UTILITIES - CALL BEFORE YOU DIG 1-800-922-4455 TWO WORKING DAYS BEFORE YOU DIG.

I HEREBY DECLARE TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS PLAN IS SUBSTANTIALLY CORRECT.

WESLEY J. WENTWORTH P.E. # 20360

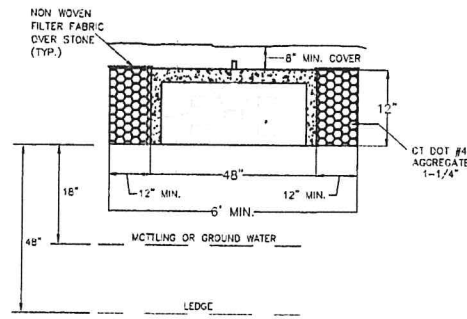
WENTWORTH CIVIL ENGINEERS LLC
177 WEST TOWN ST.
LEBANON, CT 06249
TEL: (860) 642-7255
FAX: (860) 642-4794
web: wentworthcivil.com

DGT Associates Surveying & Engineering
Preston, CT • Boston • Worcester Framingham
148 CT-2, Preston, CT 06365
860-899-1999 www.DGTassociates.com

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

70309
ROBERT E. BIELERT, PLS LICENSE NO. DATE

CONCEPTUAL LOT DEVELOPMENT PLAN
OWNER/SUBDIVIDER/APPLICANT:
ROLLIN NYE & PATRICIA NYE
181 BUNDY HILL ROAD
LISBON, CONNECTICUT



4' x 8' x 12' LEACHING GALLERIES
NOT TO SCALE

EROSION CONTROL NOTES

1. ALL UTILITIES ARE APPROXIMATE. CONTRACTOR TO VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. CONTACT "CALL-BEFORE-YOU-DIG" AT 811 AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION.
2. THE RESPONSIBILITY OF THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES IS THE EXCAVATION CONTRACTOR (UNKNOWN AT THIS TIME).
3. THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT DEPARTMENT OF CONSERVATION AND ENVIRONMENTAL PROTECTION, BUREAU OF HIGHWAYS "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION" AND ANY SUPPLEMENTS AND AMENDMENTS THEREOF, UNLESS OTHERWISE SPECIFICALLY PROVIDED BY TOWN ORDINANCES OR THESE REGULATIONS.
4. SEEDING FOR PERMANENT STABILIZATION SHALL BE DONE BETWEEN APRIL 15 THROUGH JUNE 15 OR BETWEEN AUGUST 15 THROUGH SEPTEMBER 15. IF SEEDING CANNOT BE DONE WITHIN THESE TIMES, APPLY TEMPORARY MULCH UNTIL NEXT SEEDING TIME. SEED MIXTURE SHALL BE AS FOLLOWS:

ALL 2:1 SLOPE AREAS	15 LBS/ACRE	OR	0.35 LBS/1,000 SF
CROWN VECH	10 LBS/ACRE	OR	0.25 LBS/1,000 SF
PERENNIAL PTERISALS	20 LBS/ACRE	OR	0.45 LBS/1,000 SF
ALL OTHER GRASS AREAS	2 LBS/ACRE	OR	0.05 LBS/1,000 SF
CREEPING RED FESCUE	15 LBS/ACRE	OR	0.35 LBS/1,000 SF
REDTOP			
CROWN VECH			
5. MULCH SHALL BE A GOOD QUALITY HAY OR STRAW AND SHALL BE APPLIED AT A RATE OF 2 BALES/100 SF.
6. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WITHIN 24 HOURS AFTER RAIN EVENTS OF 0.5" OR GREATER AND REPAIRED OR REPLACED AS NECESSARY TO INSURE COMPLIANCE WITH THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.

NARRATIVE

THIS PLAN CALLS FOR THE SUBDIVISION OF APPROXIMATELY 40 ACRES OF LAND SITUATE ON THE SOUTHEASTERLY SIDE OF BUNDY HILL ROAD IN THE TOWN OF LISBON, CONNECTICUT FOR THE PURPOSE OF CREATING A NEW SINGLE-FAMILY RESIDENTIAL BUILDING LOT COMPRISED OF 3.92 ACRES OF LAND. MORE OR LESS. THERE IS AN EXISTING SINGLE-FAMILY RESIDENCE AND ASSOCIATED INFRASTRUCTURE ON THE REMAINING LAND. THERE IS A POCKET OF INLAND WETLANDS SITUATED ON A PORTION OF LOT 1. NO ACTIVITY IS PROPOSED WITHIN THE INLAND WETLANDS OR WITHIN THE 100' UPLAND REVIEW AREA. SOIL TESTING FOR LOT 1 WAS DETERMINED SUITABLE FOR AN ON-SITE SEPTIC SYSTEM. AN ENGINEERED SEPTIC DESIGN WILL BE REQUIRED PRIOR TO ISSUANCE OF A BUILDING PERMIT FOR THIS LOT.

THERE IS AN EXISTING BARN LOCATED ON LOT 1, A PORTION OF THIS BARN IS PROPOSED TO BE DEMOLISHED, THE REMAINING PORTION IS WITHIN THE BUILDING SETBACKS FOR ZONE R-40. CONSTRUCTION OF THE NEW SINGLE-FAMILY HOUSE IS ANTICIPATED TO BEGIN IN MAY 2023 AND COMPLETED BY DECEMBER 2023.

SANITARY NOTES

1. THIS SEPTIC SYSTEM INSTALLATION INCLUDING ALL MATERIALS (PIPING, SEPTIC TANK, STONE, FILL, ETC.) USED FOR THIS SEPTIC SYSTEM SHALL CONFORM TO THE CURRENT EDITION/REVISION OF THE "TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS" REVISED JANUARY 1, 2018 OF THE CONNECTICUT PUBLIC HEALTH CODE BY THE STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH.
2. THE PROPOSED SEWER PIPE FROM THE BUILDING TO THE SEPTIC TANK SHALL BE SCHEDULE 40 PVC ASTM D 1785/ASTM D 2688 OR APPROVED IN TABLE NO. 2 OF "TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS". ALL OTHER SEWER PIPE FOR THIS SEPTIC SYSTEM, THE FOOTING DRAIN OUTLET PIPE AND THE CURTAIN DRAIN OUTLET PIPE WITHIN 20' OF ANY PART OF THE PROPOSED SEPTIC SYSTEM SHALL BE 4" PVC ASTM D3034, SDR 35 ("TIGHT PIPE") WITH RUBBER COMPRESSION GASKET OR BELL AND SPIGOT OR APPROVED EQUAL.
3. THERE ARE NO WELLS (POTABLE, GEOTHERMAL, OR IRRIGATION) WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM. THERE IS NO SOURCE OF POLLUTION WITHIN 75' OF WELL.
4. THERE SHALL BE NO STUMPS OR BOULDERS BURIED WITHIN 50' DOWN GRADIENT OF THE SEPTIC SYSTEM. SHOULD ANY SIGNIFICANT VARIATIONS FROM THE TEST HOLE DATA BE ENCOUNTERED DURING EXCAVATIONS (LEDGE, GROUNDWATER, MOTTLING, SOIL TYPE, ETC.), UNCAS HEALTH DISTRICT SHALL BE NOTIFIED PRIOR TO INSTALLATION OF THE SEPTIC SYSTEM.
5. ALL EXISTING UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND ELEVATIONS PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL CONTACT "CALL-BEFORE-YOU-DIG" AT 811 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
6. "SELECT FILL MATERIAL" AND "SELECT BACK FILL MATERIAL", PLACED WITHIN AND ADJACENT TO PROPOSED LEACHING AREAS SHALL BE COMPRISED OF CLEAN SAND AND GRAVEL, FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES. THE FILL MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY A PROFESSIONAL ENGINEER FOR USE WITHIN THE LEACHING AREA.
 1. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THREE (3) INCHES.
 2. UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE).
 3. THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
 4. THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SIEVE SIZE	PERCENT PASSING	
	WET SIEVE	DRY SIEVE
#4	100	100
#10	70% - 100%	70% - 100%
#40	10% - 50%	10% - 75%
#100	0% - 20%	0% - 5%
#200	0% - 5%	0% - 2.5%

*NOTE: PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

- A. THE RESPONSIBILITY FOR THE PREPARATION OF A LEACHING AREA UTILIZING "SELECT MATERIAL" IS THAT OF THE LICENSED INSTALLER. THE INSTALLER SHALL TAKE THE NECESSARY STEPS TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOILS FROM OVERCOMPACTION AND SILTATION ONCE EXPOSED.
- B. NO SOURCE OF POLLUTION WITHIN 75' OF WELL.
- C. THERE ARE NO WELLS ON ADJUTING PROPERTIES WITHIN 75' OF PROPOSED SEPTIC SYSTEM.

NOTES: (THE FOLLOWING NOTES MAY APPLY)

THE LEACHING AREA IS TO BE STRIPPED OF ALL UNSUITABLE SOILS AND FILLED WITH CLEAN SAND, LAID IN SIX INCH LIFTS. FILL TO BE MECHANICALLY COMPACTED TO 90% MAXIMUM DENSITY. A MINIMUM SEPARATION DISTANCE OF 18" BETWEEN THE MOTTLING/GROUND WATER LAYER AND BOTTOM OF THE LEACHING AREA MUST BE MAINTAINED.

INSTALLATION OF ALL SEWAGE DISPOSAL SYSTEMS SHALL NOT OCCUR DURING WET WEATHER TO AVOID SOIL SHEARING.

FILLING OF STRIPPED AREAS SHALL NOT BE PERMITTED WHILE SMEARING OF THE SOILS OCCURS. ALL SMEARED SURFACES SHALL BE RAKED OR FLOWED PRIOR TO ANY FILLING AND AS DIRECTED BY THE TOWN HEALTH DEPARTMENT.

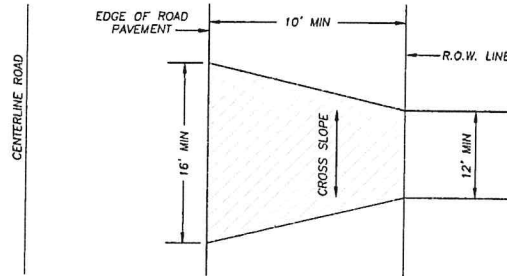
7. THE SEPTIC TANK SHALL BE PRECAST CONCRETE.
8. NO DEVIATION FROM THE APPROVED DESIGN PLAN SHALL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM UNCAS HEALTH DISTRICT.
9. SITE PREPARATION PROCEDURE FOR THE INSTALLATION OF THE PROPOSED SEPTIC SYSTEM:
 - A. CONTACT UNCAS HEALTH DISTRICT AND COORDINATE CONSTRUCTION INSPECTIONS AS REQUIRED. INSTALL ALL EROSION CONTROL MEASURES.
 - B. INSTALL LEACHING SYSTEM PER PLAN.
 - C. COVER SYSTEM WITH APPROVED BACKFILL AND TOPSOIL A MINIMUM OF 6" IN LAWN AREAS. GRADE TO PREVENT PONDING AND SEED WITH GRASS TO STABILIZE. THE FINISHED GRADE 10' FROM ANY PART OF THE PROPOSED LEACHING TRENCHES SHALL BE AT LEAST THE SAME ELEVATION AS THE TOP OF THE RESPECTIVE LEACHING TRENCH.
 - D. CLEANOUT MANHOLES AT THE INLET BAFFLE AND AT THE OUTLET FILTER OF THE SEPTIC TANK OR ASSOCIATED RISERS AT THESE LOCATIONS, IF REQUIRED, SHALL BE LOCATED AT A DEPTH NOT GREATER THAN 12" BELOW FINAL GRADE.
10. THE OWNER AND HIS CONTRACTOR ARE RESPONSIBLE FOR INSURING THE SEPTIC SYSTEM INSTALLATION COMPLIES WITH SEPTIC REQUIREMENTS SET FORTH BY STATE AND LOCAL REGULATIONS.
11. THE LICENSED INSTALLER WHO IS RESPONSIBLE FOR THE INSTALLATION OF THE SEPTIC SYSTEM SHALL BE ON SITE DURING THE CONSTRUCTION OF THE SEPTIC SYSTEM.
12. THE SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF 6" OF PROCESSED AGGREGATE OR BROKEN STONE BASED ON COMPACTED SUBGRADE. ALL COMPACTION SHALL BE 85% MODIFIED PROCTOR DENSITY, BACKFILL AROUND SEPTIC TANK SHALL BE PLACED AND COMPACTED IN 4" LIFTS TO 85% MODIFIED PROCTOR DENSITY.

NOTES 1-12 TO BE PART OF THE FINAL DESIGN PLAN FOR LOT #1.

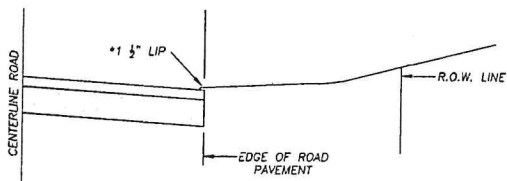
CONSTRUCTION SEQUENCE- LOT DEVELOPMENT

1. SECURE ALL REQUIRED LOCAL, STATE AND FEDERAL PERMITS.
2. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE ZONING OFFICER, THE CONTRACTOR, PROPERTY OWNER AND ANY ADDITIONAL PERSONNEL THAT THE APPLICANT AND/OR TOWN STAFF MAY DEEM NECESSARY TO BE IN ATTENDANCE.
3. INSTALL AND MAINTAIN SEDIMENT FENCE DOWNGRADIENT OF DEVELOPMENT AREA.
4. CLEAR AND REMOVE ALL VEGETATION FROM PROPOSED DEVELOPMENT AREA. DISPOSE OF THIS MATERIAL AT AN APPROVED LOCATION.
5. BEGIN BUILDING CONSTRUCTION INCLUDING EXCAVATION FOR SITE UTILITIES.
6. INSTALL SEPTIC SYSTEM, WELL, UTILITIES, DRIVEWAY AND OTHER SITE IMPROVEMENTS. ALL SLOPES SHALL NOT EXCEED 2:1.
7. STABILIZE ALL DISTURBED AREAS WITH 4" MINIMUM OF TOPSOIL, SEED WITH GRASS AND MULCH.
8. AFTER ALL AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE EROSION CONTROLS.

NOTES & DETAILS
OWNER/SUBDIVIDER/APPLICANT:
ROLLIN NYE & PATRICIA NYE
181 BUNDY HILL ROAD
LISBON, CONNECTICUT

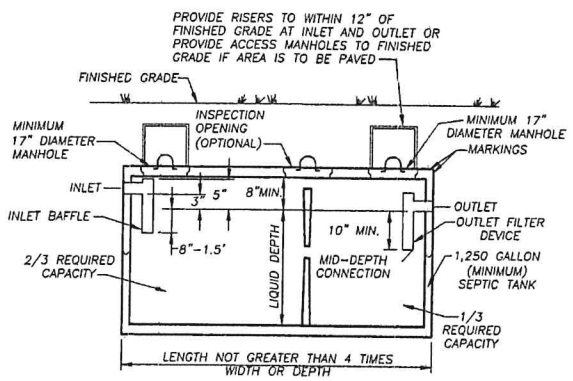


PLAN VIEW

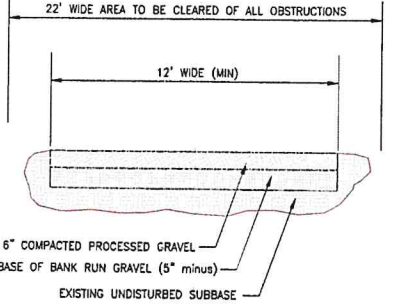


CREST CURVE IN DRIVE

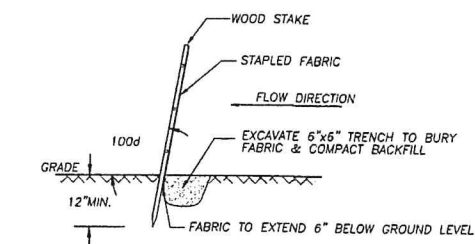
- NOTE:
- 1) SAW CUT IRREGULAR PAVEMENT EDGE TO MATCH DRIVEWAY APRON.
 - *2) PROVIDE 1/2 INCH LIP ONLY ON APRONS THAT ABUT ROADS THAT ARE CURBED



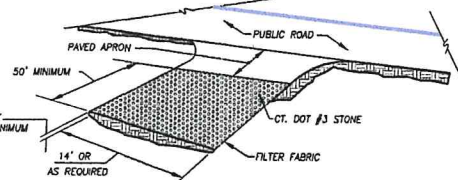
1,000 GALLON SEPTIC TANK
NOT TO SCALE



TYPICAL DRIVEWAY CROSS SECTION
NOT TO SCALE



SEDIMENT FENCE
NOT TO SCALE



ANTI-TRACKING PAD

MISCELLANEOUS NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST FORM OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, BUREAU OF HIGHWAYS "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION" AND ANY SUPPLEMENTS AND AMENDMENTS THEREOF, UNLESS OTHERWISE SPECIFICALLY PROVIDED BY TOWN ORDINANCES OR THESE REGULATIONS.
2. ALL NEW UTILITIES, INCLUDING CATV, WILL BE LOCATED UNDERGROUND IN ACCORDANCE WITH SECTION 7.5 OF THE SUBDIVISION REGULATIONS.
3. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH TOWN OF LISBON ROAD AND DRAINAGE CONSTRUCTION STANDARDS AND ORDINANCES, WHICHEVER ARE MORE RESTRICTIVE.
4. THE PROVISIONS OF SECTION 7.9 OF THE SUBDIVISION REGULATIONS SHALL BE MET WITH REGARD TO CLEAN-UP UPON SUSPENSION OR COMPLETION OF WORK.
5. THE CONTRACTOR WILL NOTIFY THE TOWN OF LISBON TREE WARDEN BEFORE REMOVAL OR PRUNING OF TREES THAT STAND ON TOWN PROPERTY AS PER STATE OF CONNECTICUT GENERAL STATUTES CHAPTER 481 SECTION 23-58, AS AMENDED.
6. CALL BEFORE YOU DIG AT 811 OR 1-800-922-4455 WILL BE CONTACTED PRIOR TO PROJECT INITIATION.

CERTIFIED BY THE LISBON PLANNING & ZONING COMMISSION.
CHAIRMAN/SECRETARY _____ DATE _____

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