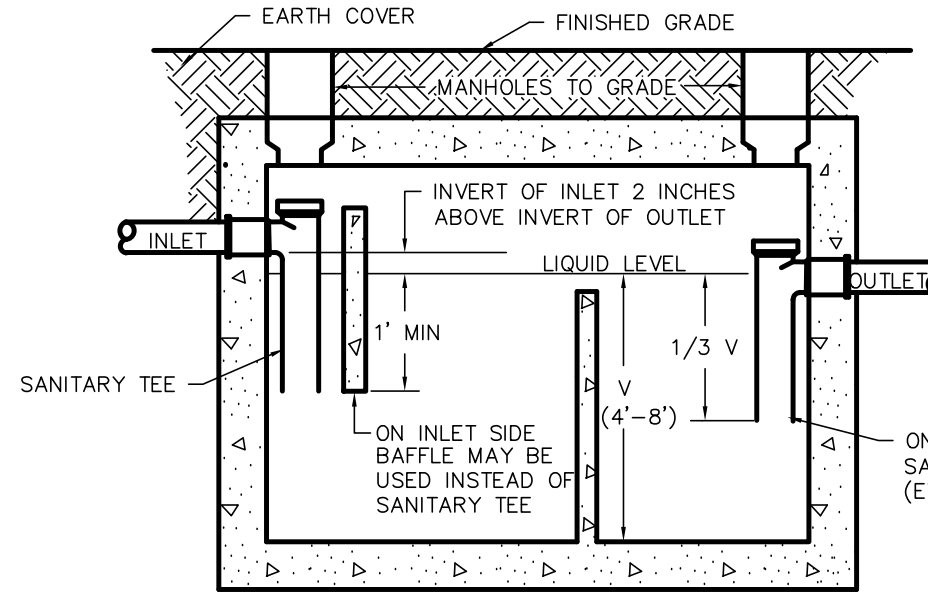
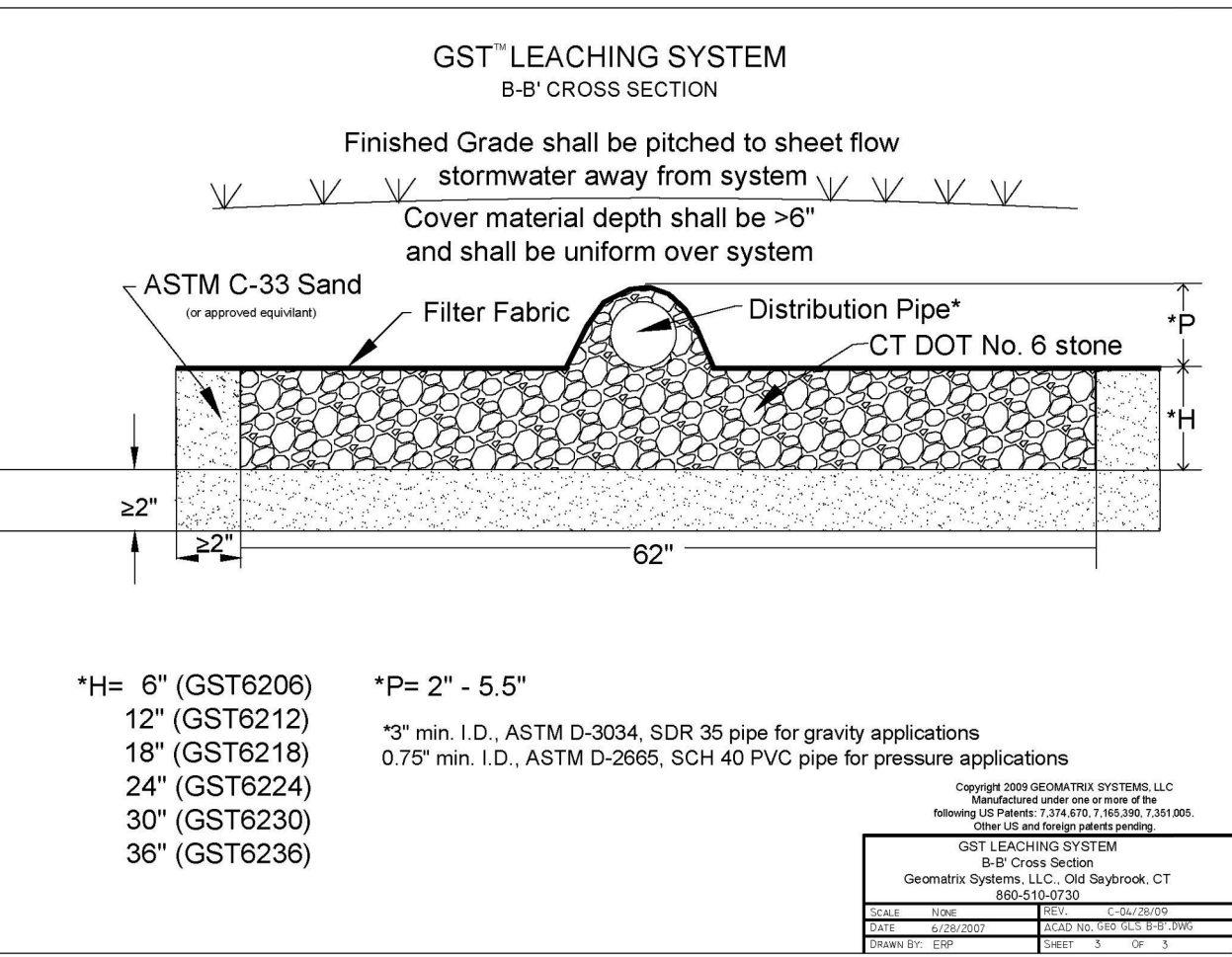


SEDIMENT FENCE NOT TO SCALE

JOSEPH R. THEROUX
CERTIFIED FORESTER / SOIL SCIENTIST
PHONE 860-458-7892 - FAX 860-578-6864
436 SWITZCOTT TURNPIKE, VOLUNTOON, CT 06204



TYPICAL SEPTIC TANK CROSS SECTION NOT TO SCALE

TEST HOLE DATA PERFORMED MAY 31, 2023 WITH DANIELLE HOLMES, LLHD

- TEST HOLE #1 - DEPTH 98"
0-12" TOPSOIL
12-48" YELLOW-BROWN COARSE SAND & GRAVEL (30%)
48-98" LIGHT YELLOW-BROWN SAND
MOTTLING AT 74" (NOT GROUNDWATER)
ROOTS TO 84"

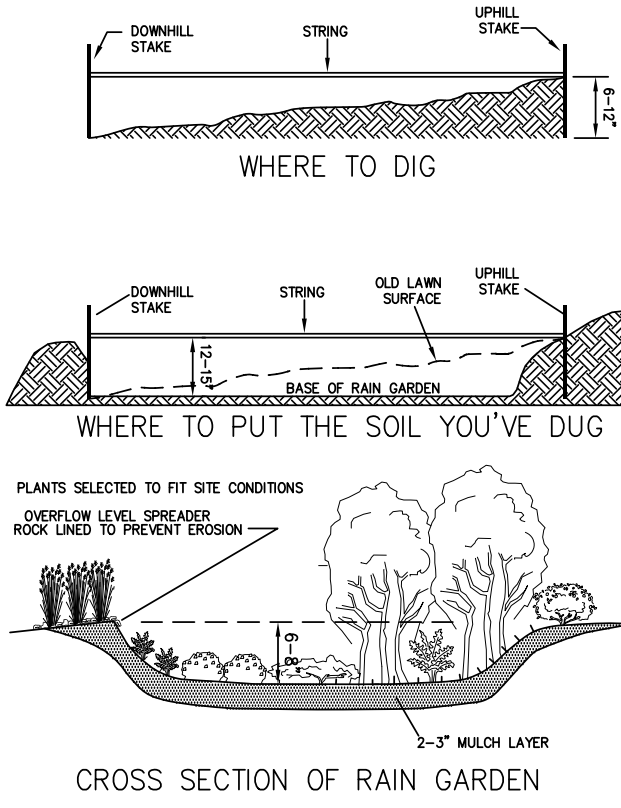
PERC TEST DATA PERFORMED JUNE 1, 2023 BY JAMES BERNARDO, LS

- PERC TEST #1 - TOTAL DEPTH 42"
PRESQAK AT 10:15
DEPTH TO MEASUREMENT DATUM 24"

- PERC TEST #2 - TOTAL DEPTH 44"
PRESQAK AT 10:30
DEPTH TO MEASUREMENT DATUM 26"

- PERC TEST #3 - TOTAL DEPTH 82"
0-11" TOPSOIL
11-30" YELLOW-BROWN COARSE SAND & GRAVEL (20%)
30-82" LIGHT YELLOW-BROWN SAND
MOTTLING AT 74" (NOT GROUNDWATER)
ROOTS TO 58"

- PERC TEST #4 - TOTAL DEPTH 88"
0-40" FILL SLOPING
40-49" ORIGINAL TOP SOIL
49-88" YELLOW-BROWN COARSE SAND & GRAVEL (30%)
ROOTS TO 78"



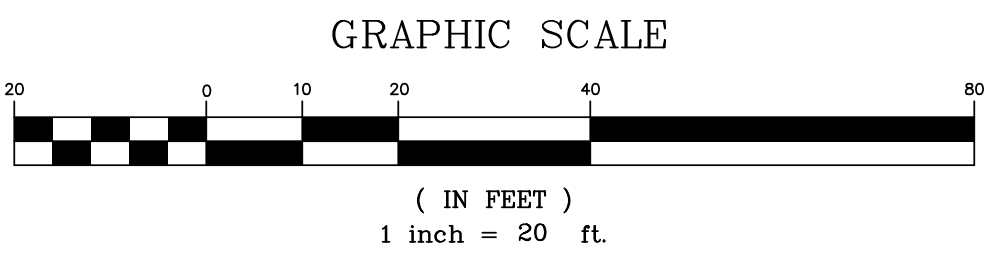
THE RAINGARDEN IS SIZED TO ACCOMMODATE THE FIRST 1" OF RAINFALL FROM THE ASSOCIATED ROOF AREA. A MINIMUM OF 75 SQ FT IS REQUIRED BASED ON A MINIMUM 8" DEPTH.

SUGGESTED PLANT LIST FOR CONNECTICUT RAIN GARDENS

- PERENNIALS
A. SWAMP MILKWEED (ASCLEPIAS INCARNATA)
B. NEW YORK ASTER (ASTER NOVAE-BELGI)
C. ASTILBE (ASTILBE SPF.)
D. TICKSEED SUNFLOWER (BIENIS ARISTOSA)
E. JOE PYE WEED (EUPATORIUM FISTULOSUM)

LEGEND THE FOLLOWING SYMBOLS/ABBREVIATIONS MAY APPEAR ON THIS DRAWING

- AC ACRES
BF BASEMENT FLOOR
BIT BITUMINOUS
BCLC BITUMINOUS CONCRETE LIP CURBING
CONC CONCRETE
DIA DIAMETER
DB DISTRIBUTION BOX
EOP EDGE OF PAVEMENT
ELEV ELEVATION
FF FINISHED FIRST FLOOR
LF LINEAR FOOT
(MIN) MINIMUM
M/L MORE OR LESS
N/F NOW OR FORMERLY
PVC POLY VINYL CHLORIDE
SCH40 SCHEDULE 40
5.4x SPOT ELEVATION
SF SQUARE FEET
TR TO REMAIN



- NOTES
1. THIS PLAN AND THE SURVEY IT IS BASED ON HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES...
2. REFERENCE IS MADE TO EAST LYME LAND EVIDENCE RECORDS VOLUME 718 AT PAGE 43 FOR A WARRANTY DEED DATED SEPTEMBER 2, 2005 REGARDING RECORD TITLE TO THE SUBJECT PROPERTY.

- 11. THE INLAND WETLANDS SHOWN HEREON WERE DELINEATED IN THE FIELD BY JOSEPH THEROUX, CERTIFIED SOIL SCIENTIST AND WERE FIELD LOCATED BY JAMES BERNARDO LAND SURVEYING, LLC
12. THE WESTERLY END OF GURLEY ROAD WAS ABANDONED BY THE EAST LYME BOARD OF SELECTMEN ON JANUARY 17, 1973 AS RECORDED IN TOWN MEETING MINUTES BOOK 11 AT PAGES 193 & 214, THE DISPOSITION OF THE LAND CONSTITUTING THE RIGHT OF WAY IS UNCLEAR.

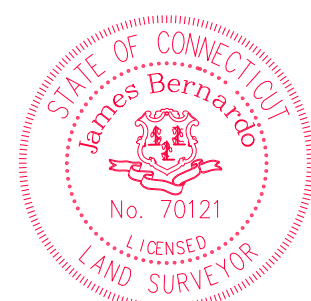
- SEPTIC NOTES
1. THIS PLAN IS FOR A PERMIT PURPOSES ONLY. IT IS NOT A CONTRACT DOCUMENT OR CONSTRUCTION DRAWING.
2. NO EXCAVATION SHALL TAKE PLACE WITHOUT NOTIFYING "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455.

- 6. SITE PREPARATION PROCEDURES FOR THE INSTALLATION OF THE NEW SSDS:
A. STRIP ALL VEGETATION, ORGANIC MATTER (APPROX 7" DEPTH) AND TOPSOIL IN THE AREA OF AND FIVE FEET DOWNGRADIENT, 2' LATERSALLY SURROUNDING THE NEW LEACHING SYSTEM.

- 7. SUBSURFACE SEWAGE DISPOSAL SYSTEM DESIGN CRITERIA:
A. EFFECTIVE LEACHING AREA REQUIRED: NEW THREE (3) BEDROOM RESIDENCE WITH NO LARGE CAPACITY TUBS OR GARBAGE GRINDERS DESIGN PERCOLATION RATE 10.1 MIN / 1 INCH 495 SF EFFECTIVE LEACHING AREA REQUIRED

- STANDARD CONDITIONS OF LIQUID APPROVAL
1. DESIGN APPROVED WITHOUT A GARBAGE GRINDER OR LARGE TUB EXCEEDING 100 GALLONS, IF INSTALLED SEPTIC TANK SHALL BE SIZED ACCORDINGLY.
2. ALL NEWLY INSTALLED SEPTIC TANKS SHALL HAVE AN APPROVED NON-BYPASS EFFLUENT FILTER THAT IS RATED FOR THE DESIGN FLOW OF THE SSDS.

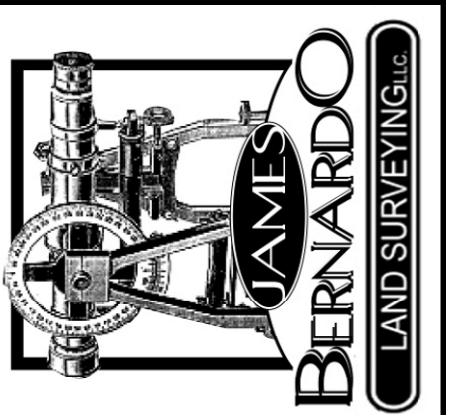
THE FOLLOWING ARE NOT CURRENTLY REQUIRED BY CT PUBLIC HEALTH CODE AND/OR LLHD PLAN REVIEW POLICIES BUT ARE ENCOURAGED/RECOMMENDED TO PROTECT THE PROPOSED STRUCTURES, ONSITE SEPTIC SYSTEM, WATER TREATMENT DISCHARGE SYSTEM AND/OR WATER SUPPLY/GROUNDWATER.



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

James Bernardo
JAMES BERNARDO LICENSE #70121 DATE 4-2-2024

JAMES BERNARDO
LAND SURVEYING, LLC
102A SPITHEAD ROAD
WATERFORD, CONNECTICUT 06385
(860) 447-0236
WWW.JBSURVEY.COM



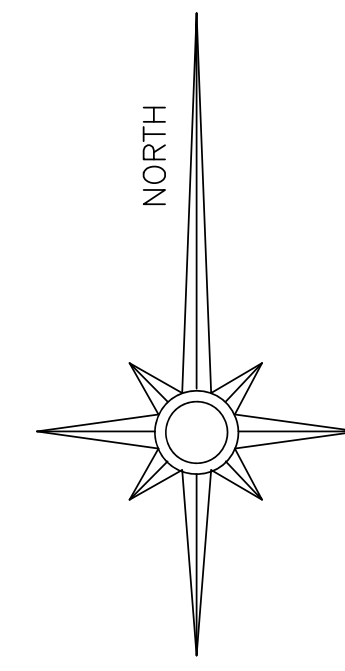
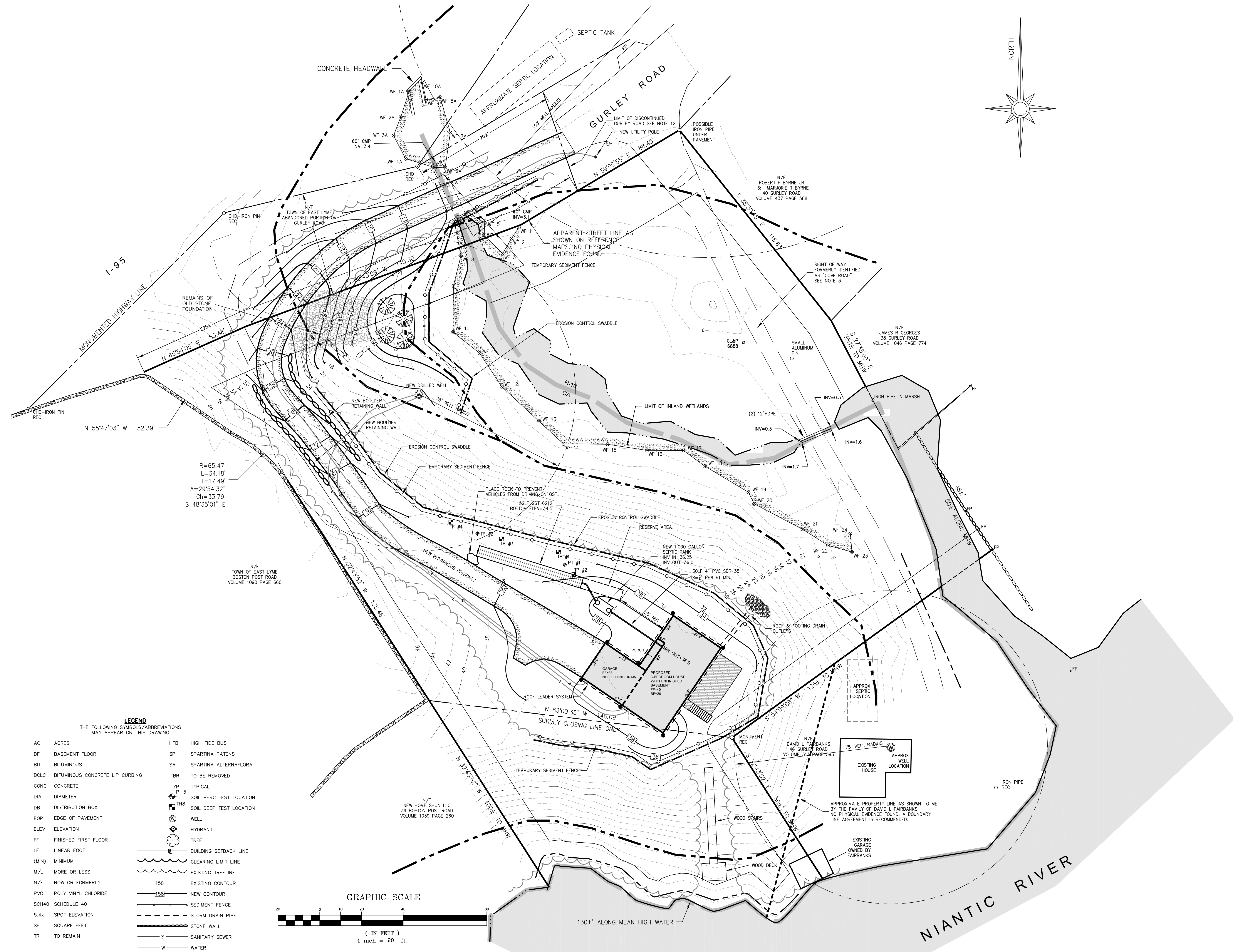
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Table with 3 columns: LTR, DESCRIPTION, DATE. Contains revision entries for GURLEY ROAD NOTATIONS & RAIN GARDEN ADDED, LEACH FIELD REVISED TO GST6212, WELL MOVED AND LLHD COMMENTS ADDRESSED.

REVISIONS

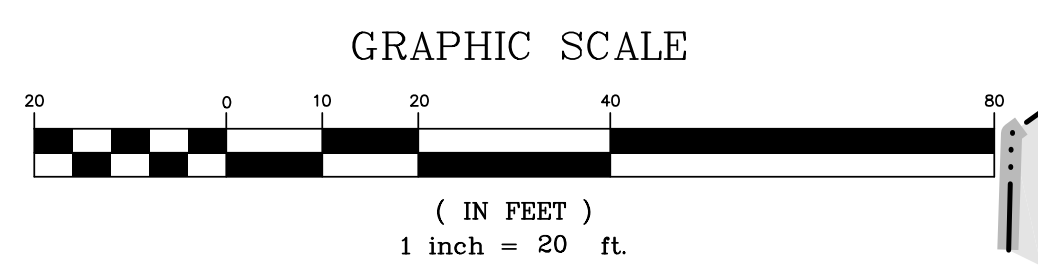
ZONING LOCATION SURVEY
PROPERTY OF
DOUGLAS C. HOAGLAND
FOR PROPERTY LOCATED AT
50 GURLEY ROAD
TOWN OF EAST LYME - COUNTY OF NEW LONDON - CONNECTICUT

Sheet No.
S-01
SHEET 1 OF 2
Scale: 1" = 20'
Date: MAY 2, 2023
Project No. 23023-1



LEGEND
THE FOLLOWING SYMBOLS/ABBREVIATIONS MAY APPEAR ON THIS DRAWING

- | | | | |
|-------|---------------------------------|-----|-------------------------|
| AC | ACRES | HTB | HIGH TIDE BUSH |
| BF | BASEMENT FLOOR | SP | SPARTINA PATENS |
| BIT | BITUMINOUS | SA | SPARTINA ALTERNIFLORA |
| BCLC | BITUMINOUS CONCRETE LIP CURBING | TBR | TO BE REMOVED |
| CONC | CONCRETE | TYP | TYPICAL |
| DIA | DIAMETER | P-5 | SOIL PERC TEST LOCATION |
| DB | DISTRIBUTION BOX | THB | SOIL DEEP TEST LOCATION |
| EOP | EDGE OF PAVEMENT | W | WELL |
| ELEV | ELEVATION | HYD | HYDRANT |
| FF | FINISHED FIRST FLOOR | T | TREE |
| LF | LINEAR FOOT | B | BUILDING SETBACK LINE |
| (MIN) | MINIMUM | CL | CLEARING LIMIT LINE |
| M/L | MORE OR LESS | ET | EXISTING TREELINE |
| N/F | NOW OR FORMERLY | EC | EXISTING CONTOUR |
| PVC | POLY VINYL CHLORIDE | NC | NEW CONTOUR |
| SCH40 | SCHEDULE 40 | SF | SEDIMENT FENCE |
| 5.4x | SPOT ELEVATION | SD | STORM DRAIN PIPE |
| SF | SQUARE FEET | SW | STONE WALL |
| TR | TO REMAIN | S | SANITARY SEWER |
| | | W | WATER |



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LR	DESCRIPTION	DATE
C	DRIVEWAY DRAINAGE & GURLEY ROAD NOTATIONS ADDED	4-2-2024
B	LEACH FIELD REVISED TO G576212	2-1-2024
A	WELL MOVED AND LHD COMMENTS ADDRESSED	12-4-2023

REVISIONS

ZONING LOCATION SURVEY
PROPERTY OF
DOUGLAS C. HOAGLAND
FOR PROPERTY LOCATED AT
50 GURLEY ROAD
TOWN OF EAST LYME - COUNTY OF NEW LONDON - CONNECTICUT

Sheet No.
S-02
SHEET 2 OF 2
Scale: 1" = 20'
Date: **MAY 2, 2023**
Project No.: **23023-1**