

SITE TESTING - PROPERTY OF JASON PAZZAGLIA
281 BOSTON POST ROAD, EAST LYME
OCTOBER 6, 2017
DANIELLE HOLMES REHS/RD, R. PFANNER

TEST HOLE #1
0 - 16" FILL
16 - 22" ORIGINAL TOP SOIL
22 - 28" ORANGE BROWN FINE SANDY LOAM
28 - 77" LIGHT YELLOW-BROWN COARSE SAND & GRAVEL
REDOX @ 40" (HEAVILY MOTTLED 40-77")
NO GW
NO REFUSAL
ROOTS TO 26"

SITE TESTING - PROPERTY OF JASON PAZZAGLIA
281 BOSTON POST ROAD, EAST LYME
NOVEMBER 17, 2017
W BROWN RS, R. PFANNER

TEST HOLE #1
0 - 17" TOP SOIL
17 - 22" ORIGINAL TOP SOIL
22 - 32" LIGHT BROWN SLIGHTLY LOAMY SAND
32 - 120" TAN-BROWN-LIGHT BROWN-ORANGE MEDIUM SAND IN BANDED DEPOSITS
NO GROUND WATER, POSSIBLE MOTTLE AT 92", NO REFUSAL

PERCOLATION TEST 1A
PERFORMED BY DANIELLE HOLMES REHS/RS
PERFORMED ON 10/6/17

P1
PRESOAK HOLE @ 3:55 DEPTH 24.25"
4:28 16.25" Δ RATE
4:40 21" 4.75" 2.5 MIN/IN
4:52 22.75" 1.75" 6.9 MIN/IN
4:57 23.75" 1" 5.0 MIN/IN
5:03 24.5" 0.75" 8.0 MIN/IN
PERC RATE=8 MIN/IN

MLSS CALCULATION
AVERAGE DEPTH TO RESTRICTIVE LAYER=24"+75"/2=49.5" AVERAGE DEPTH FROM ORIGINAL GROUND

SLOPE=9% AT WEST END 8% EST END = 8.5% AVERAGE

HF=16
F.F.=1.5
P.F.=1.2
MLSS=HF(16)×FF(1.5)×PF(1.2)=28.8 FT.
MLSS PROVIDED=30.0 FT.

PERCOLATION TEST
PERFORMED BY ROBERT D. PFANNER
PERFORMED ON 11/17/17

A1
PRESOAK HOLE @ 11:53 TOTAL DEPTH 41"
12:37 33-7/8"
12:42 36 3/4"
1:13 DRY/REFILLED
1:14 33 1/2"
1:24 38"
1:29 39 1/2"
1:31 DRY
PERC RATE=3.3 MIN/IN

SITE TESTING - PROPERTY OF JASON PAZZAGLIA
283 BOSTON POST ROAD, EAST LYME
NOVEMBER 25, 2015
G. CALKINS, R. PFANNER

TEST HOLE #1
0 - 20/24" -topsoil & sandy fill
20 - 44/45" -orange/brown sandy loam/silt loam
44 - 68" -medium to med/fine sand
-no ledge, water 44", max. water 25"+/-

TEST HOLE #2
0 - 10/16" -topsoil & loamy sand subsoil
10 - 58" -orange/tan medium to med/fine sand
58 - 88" -brown to orange/brown med/fine sand with intermittent layers fine to very fine sand/silt
-no ledge, water 75", max. water 58"

TEST HOLE #3
0 - 8/21" -topsoil & orange/brown loamy sand
8 - 62/67" -tan medium to med/fine sand
62 - 117" -orange/brown med/fine to fine sand with intermittent silt layers
-no ledge, water 107", max. water/mott. 65"

TEST HOLE #4
0 - 28/40" -topsoil & mixed sand & stone fill
28 - 65/66" -original topsoil & orange/brown loamy sand subsoil
65 - 118" -orange/tan medium to med/fine sand
-no ledge, water 117", max. water/mott. 93/94"

TEST HOLE #5
0 - 68" -mixed dirty fill
68 - 99" -original topsoil & dark orange/brown loamy sand subsoil
99 - 112" -dark orange medium to med/coarse sand, some gravel
-no ledge, no water, max. water ? (not visible due to depth)

TEST HOLE #6
0 - 10/12" -topsoil
10 - 28" -orange/tan loamy sand
28 - 115" -tan medium to med/coarse sand, some gravel
-no ledge, no water, no max. water

SITE TESTING JANUARY 22, 2016 - PROPERTY OF JASON PAZZAGLIA
283 BOSTON POST ROAD - EAST LYME, CT
KIM WHITE LHLD & ROBERT D. PFANNER

TP#7
0 - 37" FILL/BURRIED TOPSOIL
37 - 49" FINE SANDY LOAM LIGHT BROWN
49 - 116" TAN FINE-MED SAND
ROOTS TO 60" NO LEDGE, NO WATER, NO MOTTLING

TP#8
0 - 59" FILL/BURRIED TOPSOIL
59 - 82" LIGHT BROWN FINE SANDY LOAM
82 - 115" MED BROWN FINE-MED SAND
ROOTS TO 91" NO LEDGE, NO WATER, NO MOTTLING

TP#9
0 - 32" FILL/BURRIED TOPSOIL
32 - 52" LIGHT BROWN FINE SANDY LOAM
52 - 70" TAN SAND FINE/MED
70 - 80" BAND OF GRAVEL
80 - 103" MED BROWN FINE/MED SAND

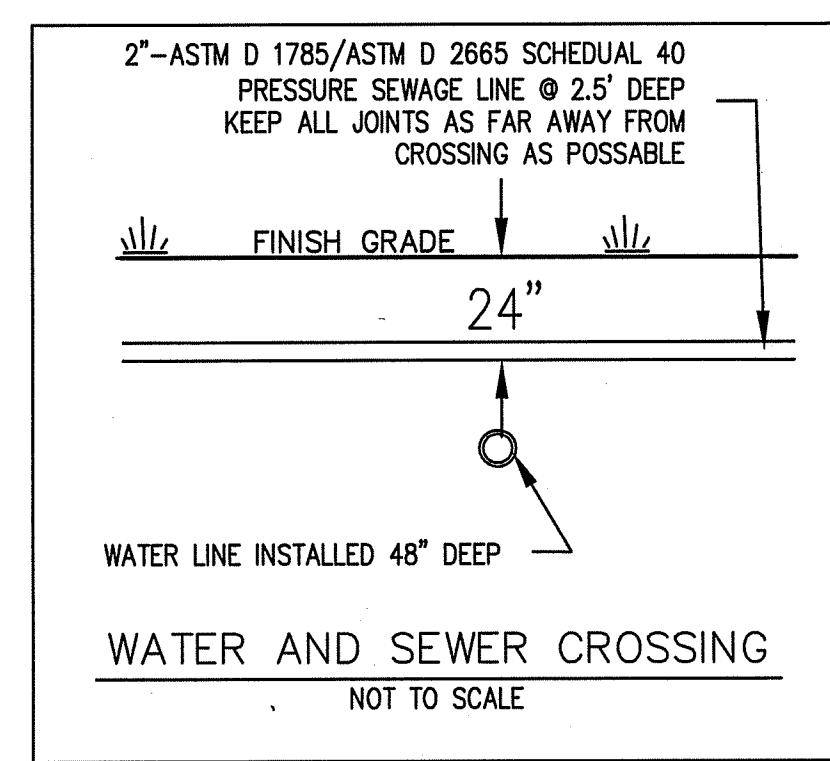
ROOTS TO 60" NO LEDGE, NO WATER, NO MOTTLING

TP#10
0 - 25" TOPSOIL FILL, BURRIED TS
25 - 39" LIGHT BROWN FINE SANDY LOAM
39 - 64" TAN MED SAND
64 - 84" GRAVEL BAND
84 - 115" TAN MED SAND

NO LEDGE, NO WATER, NO MOTTLING

LEGEND

- TP DEEP TEST HOLE
- PT PERCOLATION TEST
- IRON PIN RECOVERED
- MERESTONE RECOVERED
- EXISTING CONTOUR
- [300] PROPOSED CONTOUR
- ▭ BUILDING LINE
- WATER LINE
- UTILITIES (PHONE,ELEC.,CABLE TV,ETC.)
- FOUNDATION DRAIN
- GUTTER DRAIN
- UTILITY POLE
- F.F.F. FINISH FIRST FLOOR
- F.B.F. FINISH BASEMENT FLOOR
- G.F. FINISH GARAGE FLOOR
- 68x5 EXISTING SPOT GRADE
- x65.9 PROPOSED SPOT GRADE



NOTES:

1. EXISTING SEPTIC SYSTEM TO BE PUMPED AND REMOVED AS PER PUBLIC HEALTH CODE.
2. ANY WORK WITHIN THE STATE ROW WILL REQUIRE A PERMIT FROM THE CDOT.
3. GUTTER DRAINS WITHIN 25 FEET OF ANY PART OF THE SEPTIC SYSTEM SHALL BE INSTALLED WITH SPECIFIED PIPE WITH AN APPROVED JOINT AND BACKFILLED WITH NON-FREE DRAINING MATERIAL.
4. SEE SHEET 6 FOR ADDITIONAL SEPTIC SYSTEM SPECIFICATIONS ANY LAYOUT.

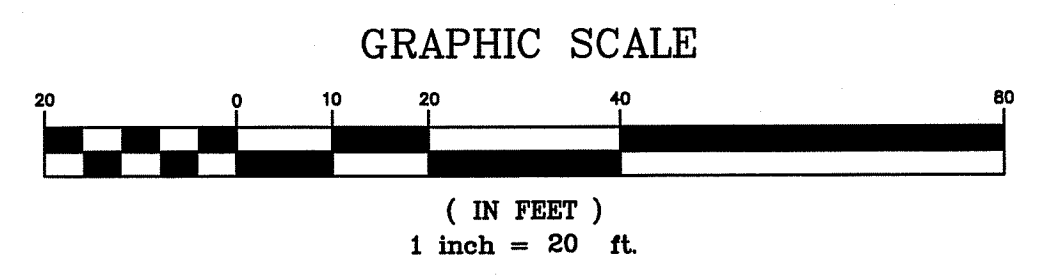
NO.	DATE	DESCRIPTION	BY
8	4/30/18	GRADING OF NORTH PARKING LOT REVISED	RDP
7	3/7/18	SEPTIC SYSTEM DESIGN REVISED AS PER LLHD	RDP
6	2/2/18	SEPTIC SYSTEM DESIGN REVISED AS PER LLHD	RDP
5	11/30/17	SEPTIC SYSTEM DESIGN REVISED	RDP
4	10/16/17	SEPTIC SYSTEM DESIGN REVISED	RDP
3	6/10/17	PARKING LAYOUT REV	RDP
2	6/1/17	ENTRANCES TO BUILDINGS CHANGED	RDP
1	4/10/17	REVISED PARKING AND DRAINAGE	RDP

J. ROBERT PFANNER & ASSOCIATES, P.C.
CIVIL ENGINEERS & LAND SURVEYORS



37 GRAND STREET NIANTIC, CONNECTICUT 06357
TEL. 860-739-6216 FAX 860-739-0693

GRADING PLAN



TITLE:
SITE PLAN
Prepared For
JASON D. PAZZAGLIA

LOCATION: 283 Boston Post Road - East Lyme, Connecticut

SHEET NUMBER
2A
OF
6
15002-SP-6.DWG

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