

TEST PIT #1

TESTING DATE: 11/06/21
PIT DEPTH: 27"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-8" to 8-27" depth.

NOTES: ROOTS = TO 27" MOTTLES = NONE APPARENT LEDGE = @ 27" WATER = NONE

TEST PIT #2

TESTING DATE: 11/06/21
PIT DEPTH: 28"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-8" to 8-28" depth.

NOTES: ROOTS = TO 28" MOTTLES = NONE APPARENT LEDGE = @ 28" WATER = NONE

TEST PIT #3

TESTING DATE: 11/06/21
PIT DEPTH: 24"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-6" to 6-24" depth.

NOTES: ROOTS = TO 24" MOTTLES = NONE APPARENT LEDGE = @ 24" WATER = NONE

TEST PIT #4

TESTING DATE: 11/06/21
PIT DEPTH: 24"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-6" to 6-24" depth.

NOTES: ROOTS = TO 24" MOTTLES = NONE APPARENT LEDGE = @ 24" WATER = NONE

TEST PIT #5

TESTING DATE: 11/06/21
PIT DEPTH: 24"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-6" to 6-24" depth.

NOTES: ROOTS = TO 24" MOTTLES = NONE APPARENT LEDGE = @ 24" WATER = NONE

TEST PIT #15

TESTING DATE: 11/06/21
PIT DEPTH: 25"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-6" to 6-25" depth.

NOTES: ROOTS = TO 25" MOTTLES = NONE APPARENT LEDGE = @ 25" WATER = NONE

TEST PIT #16

TESTING DATE: 11/06/21
PIT DEPTH: 47"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-8" to 8-47" depth.

NOTES: ROOTS = TO 47" MOTTLES = NONE APPARENT LEDGE = @ 47" WATER = NONE

TEST PIT #17

TESTING DATE: 11/06/21
PIT DEPTH: 30"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-8" to 8-30" depth.

NOTES: ROOTS = TO 30" MOTTLES = NONE APPARENT LEDGE = @ 30" WATER = NONE

TEST PIT #18

TESTING DATE: 11/06/21
PIT DEPTH: 27"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-7" to 7-27" depth.

NOTES: ROOTS = TO 27" MOTTLES = NONE APPARENT LEDGE = @ 27" WATER = NONE

TEST PIT #19

TESTING DATE: 11/06/21
PIT DEPTH: 29"
LOCATION: SEE PLAN

Table with 2 columns: DEPTH and SOIL DESCRIPTION. Rows show soil layers from 0-9" to 8-29" depth.

NOTES: ROOTS = TO 29" MOTTLES = NONE APPARENT LEDGE = @ 29" WATER = NONE

PERCOLATION TEST #1

TESTING DATE: 08/09/21
PIT DEPTH: 20"
PRESOAK: NONE (SOIL MOISTURE HIGH)

Table with 3 columns: TIME, DEPTH, RATE/MINUTE. Shows percolation test results at various depths.

PERCOLATION TEST #2

TESTING DATE: 08/09/21
PIT DEPTH: 22"
PRESOAK: NONE (SOIL MOISTURE HIGH)

Table with 3 columns: TIME, DEPTH, RATE/MINUTE. Shows percolation test results at various depths.

SYMBOLS LEGEND

- BOUNDARY LINE
SETBACK LINE
EXISTING TOPO LINE
PROPOSED TOPO LINE
SILT FENCE
UTILITY LINE
SEWER LINE
WELL
PERCOLATION TEST
TEST PIT

ENGINEERING NOTES

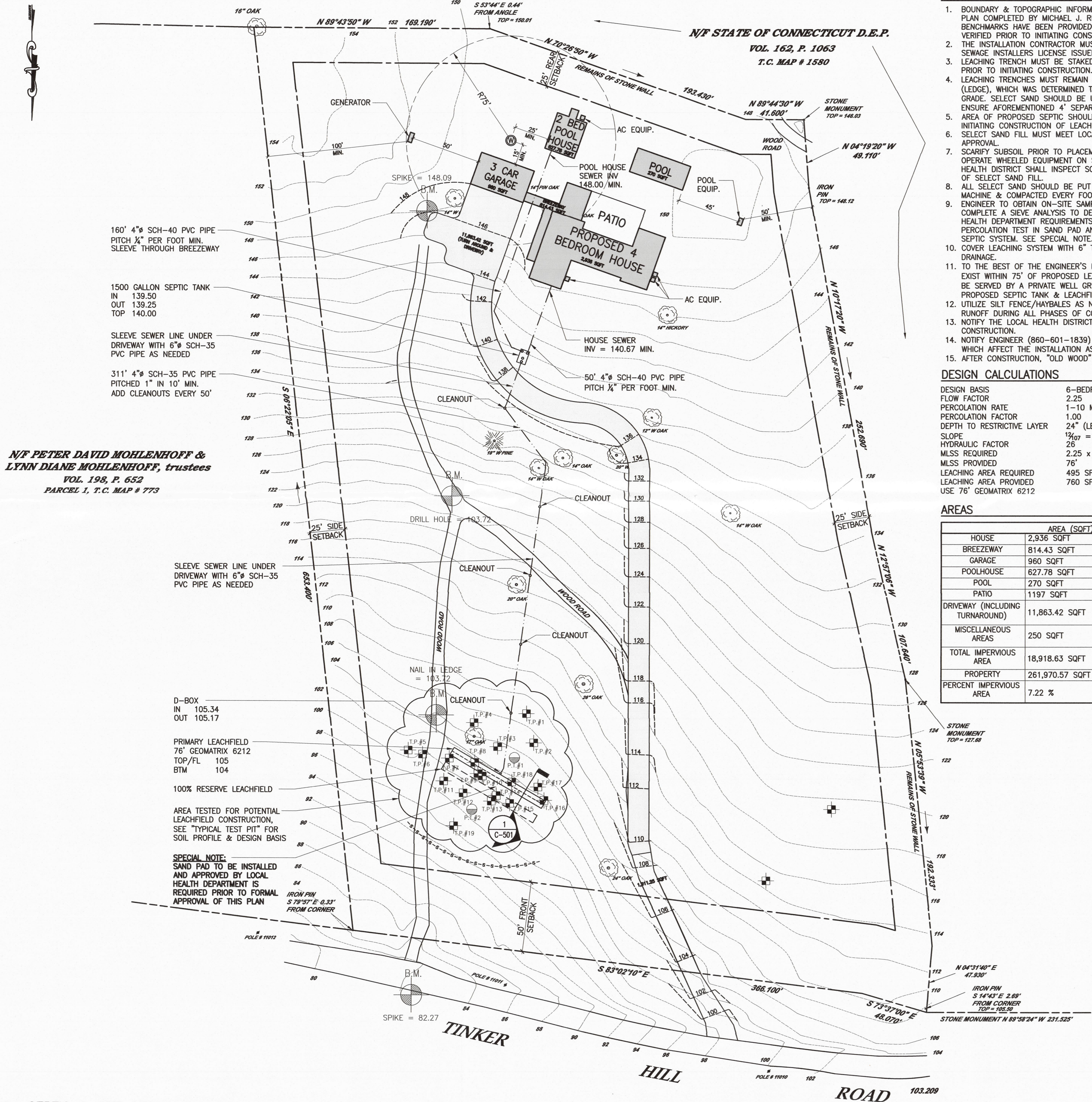
- 1. BOUNDARY & TOPOGRAPHIC INFORMATION BASED ON SITE SURVEY PLAN COMPLETED BY MICHAEL J. RIORDAN, L.S.S. MULTIPLE FIELD BENCHMARKS HAVE BEEN PROVIDED...
2. THE INSTALLATION CONTRACTOR MUST HAVE A VALID SUBSURFACE SEWAGE INSTALLERS LICENSE ISSUED BY THE STATE OF CONNECTICUT...
3. LEACHING TRENCH MUST BE STAKED BY A LICENSED SURVEYOR PRIOR TO INITIATING CONSTRUCTION...
4. LEACHING TRENCHES MUST REMAIN 4' ABOVE THE RESTRICTIVE LAYER (LEDGE), WHICH WAS DETERMINED TO BE APPROXIMATELY 24" BELOW GRADE...
5. AREA OF PROPOSED SEPTIC SHOULD REMAIN UNDISTURBED PRIOR TO INITIATING CONSTRUCTION OF LEACHING FIELDS...
6. SELECT SAND FILL MUST MEET LOCAL HEALTH DEPARTMENT APPROVAL...
7. SCARIFY SUBSOIL PRIOR TO PLACEMENT OF SELECT SAND...
8. ALL SELECT SAND SHOULD BE PUT IN PLACE BY A TRACKED MACHINE & COMPACTED EVERY FOOT...
9. ENGINEER TO OBTAIN ON-SITE SAMPLE OF SEPTIC SAND AND COMPLETE A SIEVE ANALYSIS TO DEMONSTRATE COMPLIANCE WITH HEALTH DEPARTMENT REQUIREMENTS...
10. COVER LEACHING SYSTEM WITH 6" TOPSOIL & GRADE TO PROMOTE DRAINAGE...
11. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, NO KNOWN WELLS EXIST WITHIN 75' OF PROPOSED LEACHING SYSTEM...
12. UTILIZE SILT FENCE/HAYBALES AS NEEDED TO PREVENT SEDIMENT RUNOFF DURING ALL PHASES OF CONSTRUCTION...
13. NOTIFY THE LOCAL HEALTH DISTRICT PRIOR TO INITIATING CONSTRUCTION...
14. NOTIFY ENGINEER (860-801-1839) OF ANY CHANGES OR CONDITIONS WHICH AFFECT THE INSTALLATION AS SHOWN ON THIS PLAN...
15. AFTER CONSTRUCTION, "OLD WOOD" ROADS MUST BE SEEDED OVER.

DESIGN CALCULATIONS

Table with 2 columns: DESIGN BASIS and VALUE. Includes flow factor, percolation rate, hydraulic factor, and leaching area required.

AREAS

Table with 2 columns: AREA and VALUE. Lists areas for house, breezeway, garage, poolhouse, pool, patio, driveway, miscellaneous areas, total impervious area, and property.



N/F PETER DAVID MOHLENHOFF & LYNN DIANE MOHLENHOFF, trustees VOL. 198, P. 652 PARCEL 1, T.C. MAP # 773

Project information including company name (Colby Engineering and Consulting, LLC), address (4 Brynmoor Court, Goshen, Connecticut), project name (SEPTIC & SITE DESIGN PLAN), property owner (PROPERTY OF KAREN & HALLE BENNETT), address (213 TINKER HILL ROAD, WASHINGTON, CONNECTICUT), sheet number (21043), and drawing title (CS-101).