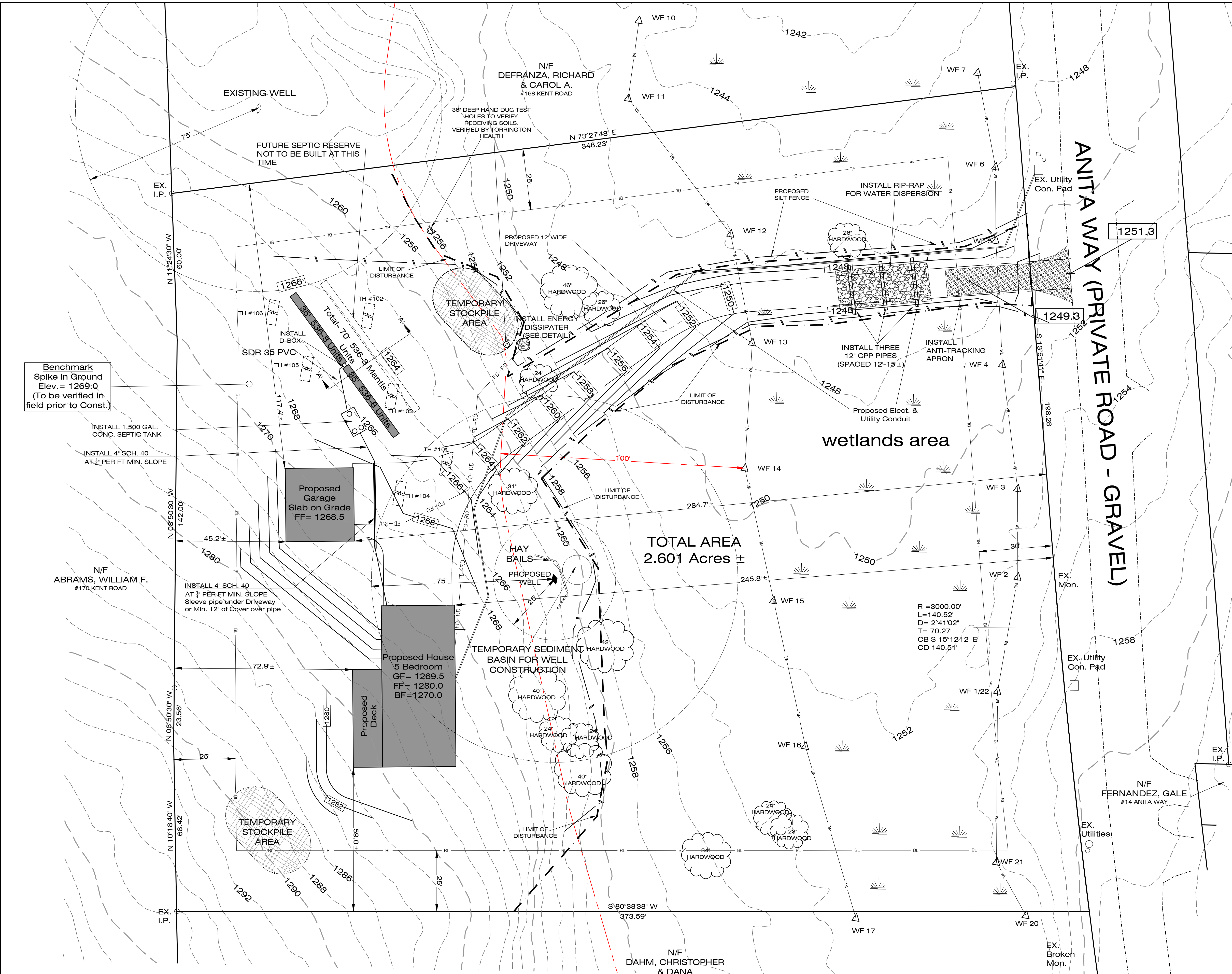




- LEGEND**
- EXISTING DRAINAGE
 - LIMIT OF INLAND WETLANDS
 - LIMIT OF INLAND WETLANDS
 - PROPOSED FOOTING DRAIN
 - PROPOSED ROOF DRAIN
 - PROPOSED CURTAIN DRAIN
 - PROPOSED WELL
 - BUILDING SETBACK LINES
 - WETLANDS REVIEW AREA LIMIT
 - PROPERTY LINE
 - HEDGE
 - STONEWALL
 - METAL FENCE
 - WOOD FENCE
 - TEST HOLE
 - PERCOLATION TEST
 - TEST HOLE
 - EXISTING WELL
 - UTILITY POLE
 - HYDRANT
 - SYNTHETIC FILTER BARRIER
 - GRADE TO DRAIN
 - EXISTING SPOT ELEVATION
 - PROPOSED SPOT ELEVATION
 - EXISTING TREE LINE
 - PROPOSED LIMIT OF DISTURBANCE

DISTURBANCE AREA/LIMIT OF FILL:

WITHIN WETLANDS = 1,567 SQUARE FEET

WITHIN 100' BUFFER = 3,716 SQUARE FEET

DRIVEWAY FILL VOLUME:

196 ± CUBIC YARDS

IMPERVIOUS COVERAGE:

PROPOSED - 7.7% ALLOWED MAX - 15%

NOT VALID UNLESS EMBOSSED WITH SEAL OR FIXED WITH THE LIVE STAMP OF THE SIGNATORY.

I hereby declare that the percolation tests shown hereon were conducted in accordance with the current health code of the state of Connecticut by the staff of Stuart Somers Co., LLC unless otherwise noted above. This is in no way a guarantee against failure due to indeterminate circumstances or natural phenomenon beyond the scope of normal investigation

John J. Mack P.E. CT No. 15515

DESIGN DATA:

MLSS CALCULATION

SLOPE = 10-15%
RESTRICTIVE LAYER @ 20"
HENCE HF = 28
NUMBER OF BEDROOMS = 5
HENCE FF = 2
PERCOLATION RATE = 1" IN 5-10 MIN.
HENCE PF = 1.0
HF*PF*PPF-MLSS
MLSS REQUIRED = 28X 2 X 1.0 = 56'

PRIMARY SYSTEM PREPARATION

REMOVE ALL TOPSOIL FROM PRIMARY SEPTIC SYSTEM AREA. REPLACE WITH CLEAN COARSE SAND TO 1' BELOW SUITABLY COMPACTED FINISHED GRADE. REMAINING FILL TO BE CLEAN, COMMON FILL MATERIAL. REFER TO NOTES.

PRIMARY SYSTEM SPECIFICATIONS

TOTAL EFFECTIVE LEACHING AREA REQUIRED = 660 S.F.
INSTALL 1,500 GAL. SEPTIC TANK (SEE NOTE 4)
INSTALL 70 LINEAR FEET OF MANTIS UNITS, ARRANGED IN SERIES AS SHOWN. DISTRIBUTION BOXES FOR THE UPPER ROW TO BE SET SO THE OUTLET TO THE NEXT LOWER ROW IS WITHIN 0.25 FEET TO THE TOP OF THE UPPER ROW LEACHING STRUCTURE. TOTAL EFFECTIVE AREA PROVIDED = 770 S.F. FOR PROPOSED 5 BEDROOM RESIDENCE.

APPROXIMATE PROPOSED ELEVATIONS

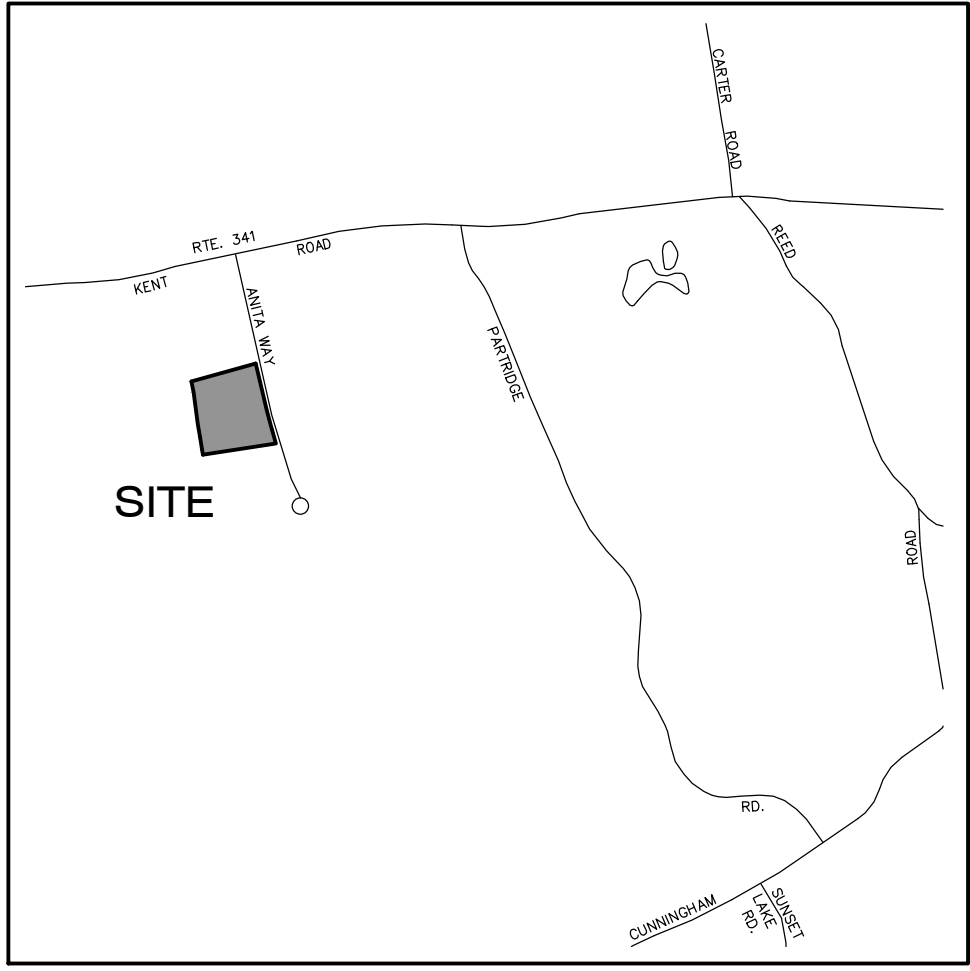
FIRST FLOOR = 1280.0
EFFLUENT LINE AT HOUSE (INVERT) = 1268.75
SEPTIC TANK INLET (INVERT) = 1267.05
SEPTIC TANK OUTLET (INVERT) = 1266.8
D-BOX (INVERT IN) = 1266.7
D-BOX (INVERT LAT) = 1266.5
D-BOX (INVERT OUT) = -
BOTTOM OF MANTIS = 1265.5 (SEE SECTION A-A)

BENCHMARK

ELEVATION = 1269.0
TO BE VERIFIED BY SURVEYOR PRIOR TO CONSTRUCTION.

MAP INFORMATION

PROPERTY LINES BASED ON RM#435B & RM# 775.
TOPOGRAPHY FROM A FIELD SURVEY BY STUART SOMERS CO. LLC

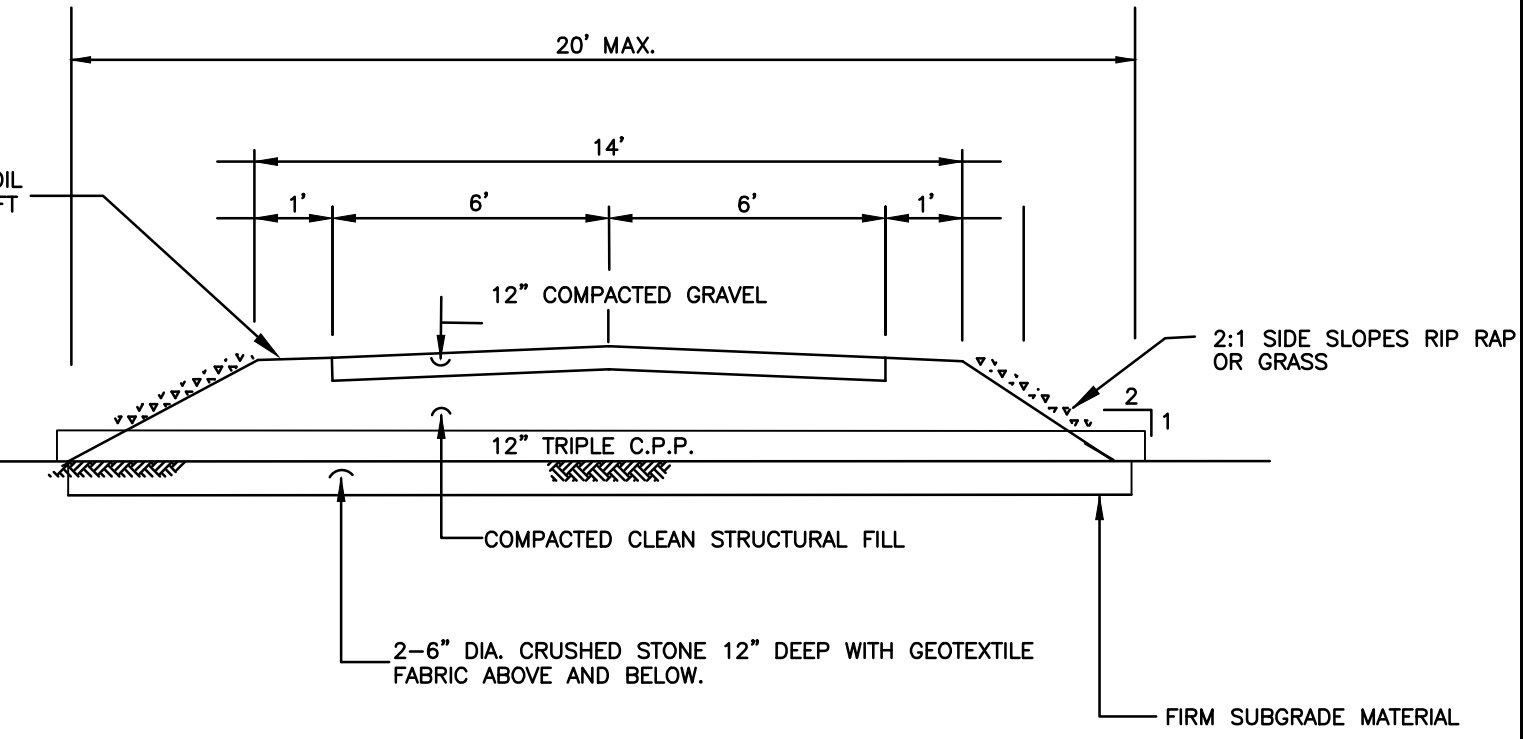


N/F TROMPETTER, PAUL & PAMELA
#12 ANITA WAY

N/F FERNANDEZ, GALE
#14 ANITA WAY

N/F LEONARD, JAMES
CHIP & STANLEY,
ABRA LAYNE
#18 ANITA WAY

IMPORTANT NOTE:	
UNDERGROUND UTILITIES ARE NOT SHOWN. PRIOR TO ANY EXCAVATION OR CONSTRUCTION CONTACT - "CALL BEFORE YOU DIG" 1-800-922-4455	
NO.	DATE
3	04-08-24
2	04-08-24
1	02-28-24
REVISIONS	
NO.	DATE
DESCRIPTION	



DRIVEWAY CROSSING OF WETLANDS

N.T.S. R-27

PROPOSED DRIVEWAY ALTERNATIVE PLAN

ASSESSOR'S MBL 22/56/
26 ANITA WAY
"WARREN HIGHLANDS SUBDIVISION"
WARREN, CONNECTICUT
PREPARED FOR
JEREMY SPATH

DATE: 2-23-2024 SCALE: 1"=20' DRAFTER: JUM JOB NUMBER: 2261 FILE #: XXXX

STUART SOMERS CO., LLC
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email: info@stuartsomersco.com