

SOLID PLASTIC PIPE IS 4" "OLIN" PVC ASTM D-2729 B1 E 2141, CRUSH PROOF. ALL CONNECTIONS BETWEEN THE SEPTIC TANK AND THE PIPES LEADING TO AND EXITING FROM THE TANK SHALL BE SEALED WITH A WATER-TIGHT, FLEXIBLE JOINT CONNECTOR.

PROFILE OF SEPTIC SYSTEM

THE ENVIRO-SEPTIC PIPE WILL HAVE A MINIMUM OF 6" OF PRESBY SYSTEM SAND ON THE TOP AND BOTTOM AND 12" OF PRESBY SYSTEM SAND ON THE SIDES.

CROSS-SECTION OF DISPOSAL FIELD

REMOVE TOPSOIL BEFORE PLACING FILL. FILL MATERIAL IMMEDIATELY UNDER FIELD TO BE MEDIUM TO COARSE SAND, BALANCE TO HAVE A 5-10 MIN/IN PERC. RATE IN ITS NATURAL STATE.

SITE PLAN NOTE:

- 1.) THE PLANNING BOARD VOTED TO ALLOW FOR AN UPDATED SEPTIC PLAN TO SATISFY THE REQUIREMENTS OF A SITE PLAN FOR THE PROPOSED COMMERCIAL KITCHEN AT THIS LOCATION. THE PRODUCTS WILL BE SOLD OFF SITE TO SUPPLY A VENDING CART.

FOR TOWN APPROVAL PURPOSES:
THE SUBMISSION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBMISSION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

PLANNING BOARD
BARRINGTON, NH

- APPROVED -

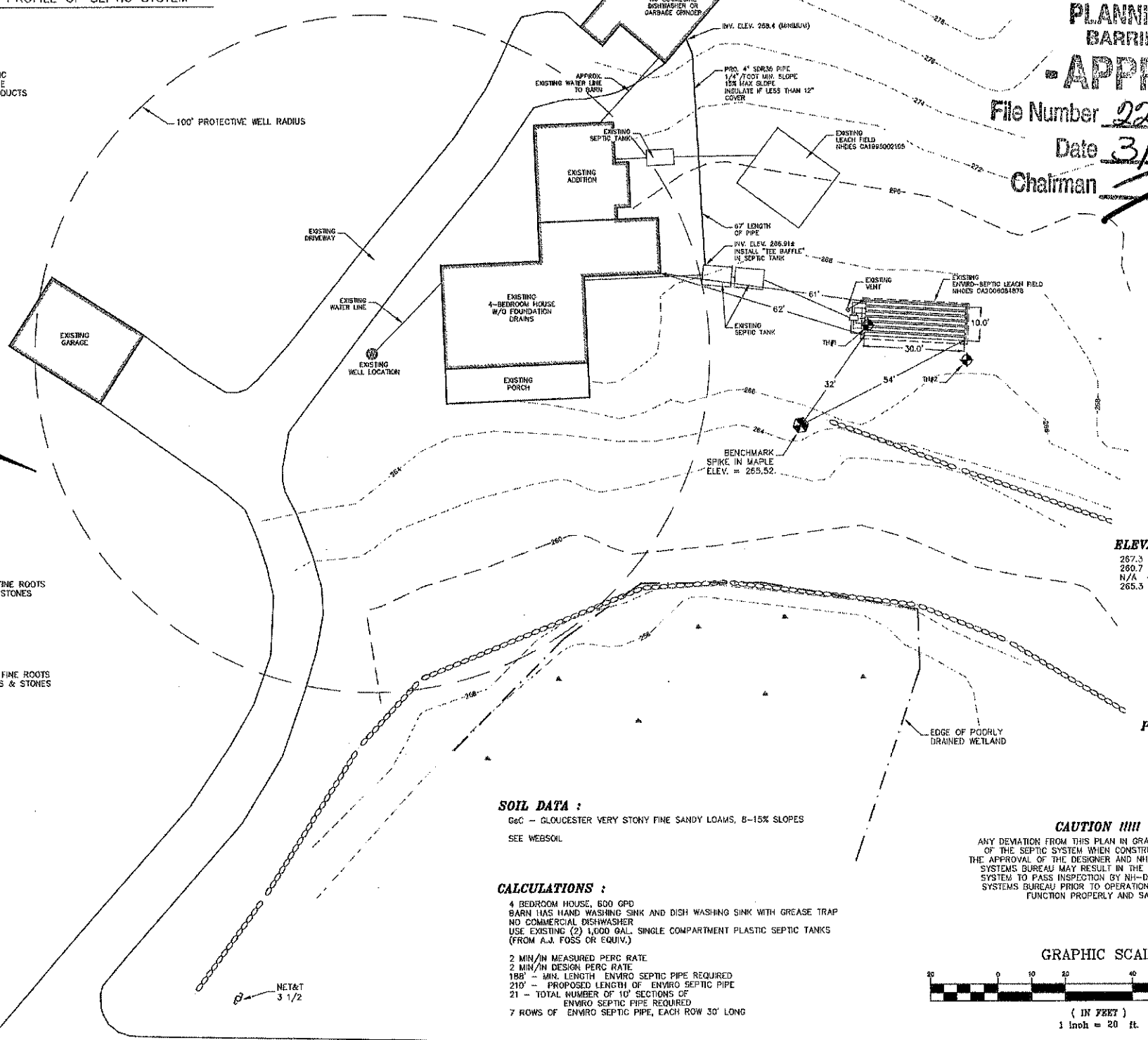
File Number 227-9-GR-19-SR

Date 3/12/2019

Chairman [Signature]

NOTES:

- 1.) OWNER: DAN & JANET O'LONE
15 PARKER MOUNTAIN ROAD
BARRINGTON, NH 03825
- 2.) DESIGNER: DANIEL J. O'LONE, PERMIT #1885
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825
- 3.) TAX MAP 227, LOT 9
- 4.) LOT AREA: 25.11 AC.
- 5.) S.C.R.D. BOOK 1791, PAGE 581
- 6.) SUBDIVISION STATUS: OVER 5 ACRES
- 7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 9' FROM THE SEPTIC TANK.
- 8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 75', OR POORLY DRAINED SOILS WITHIN 50' OF THE PROPOSED SEPTIC SYSTEM.
- 9.) THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.
- 10.) THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.
- 11.) IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603-332-2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.
- 12.) THERE ARE NO BURIAL GROUNDS WITHIN 100' OF ANY SEPTIC COMPONENTS.



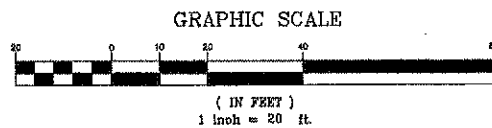
ELEVATIONS:
267.3 - HIGH POINT OF LEACH BED
260.7 - S.H.W.T.
N/A - IMPERVIOUS LAYER
265.3 - BOTTOM OF ENVIRO-SEPTIC PIPES

PLAN INTENT:

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 2.0' BELOW THE HIGH POINT OF THE EXISTING LAND. IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

CAUTION!!!

ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY AND SAFELY.



TESTHOLE DATA:

TESTHOLE #1 3-26-02
0-30" GRAVEL FILL
30-45" TRASH FILL, BROKEN BOTTLES & DISHWARE
45-65" 5YR 3/1, VERY FINE SANDY LOAM, GRANULAR, FRIABLE, FEW FINE ROOTS
65-92" 10YR 5/8, SANDY LOAM, GRANULAR, LOOSE, FEW COBBLES & STONES
S.H.W.T. @ 60"
PERC RATE @ 2 MIN/INCH

TESTHOLE #2 3-26-02
0-38" GRAVEL FILL
38-50" 10YR 3/1, VERY FINE SANDY LOAM, GRANULAR, FRIABLE, FEW FINE ROOTS
50-82" 10YR 5/8, SANDY LOAM, GRANULAR, LOOSE, COMMON COBBLES & STONES
NO S.H.W.T.
PERC RATE @ 2 MIN/INCH

NOTE:

THIS IS AN AMENDMENT TO A PLAN APPROVED BY NHDES IN 2006, CA2006084878. IT IS THE INTENTION TO REMOVE A BEDROOM FROM THE HOUSE AND UTILIZE THAT FLOW FOR A HANDWASHING SINK AND OTHER SINKS IN THE BARN. THERE WILL BE NO BATHROOM FACILITIES IN THE BARN. INDOOR GREASE TRAPS WILL BE UTILIZED AND MAINTAINED REGULARLY. THERE ARE CURRENTLY 3 BEDROOMS WITH CLOSETS IN THE EXISTING HOUSE.

THE WETLAND DELINEATION WAS COMPLETED FEBRUARY, 2019 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY:
DANIEL O'LONE, NHDES SUBSURFACE SYSTEMS DESIGNER #1885

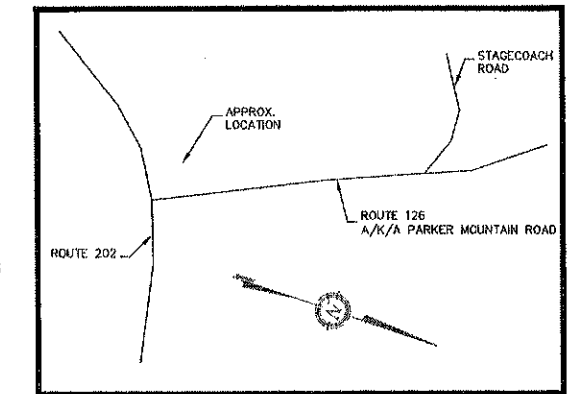
SOIL DATA:

G&C - GLOUCESTER VERY STONY FINE SANDY LOAMS, 8-15% SLOPES
SEE WEBSOL

CALCULATIONS:

4 BEDROOM HOUSE, 600 GPD
BARN HAS HAND WASHING SINK AND DISH WASHING SINK WITH GREASE TRAP
NO COMMERCIAL DISHWASHER
USE EXISTING (2) 1,000 GAL. SINGLE COMPARTMENT PLASTIC SEPTIC TANKS (FROM A.J. FOSS OR EQUIV.)
2 MIN/IN MEASURED PERC RATE
2 MIN/IN DESIGN PERC RATE
188' - MIN. LENGTH ENVIRO SEPTIC PIPE REQUIRED
210' - PROPOSED LENGTH OF ENVIRO SEPTIC PIPE
21 - TOTAL NUMBER OF 10' SECTIONS OF ENVIRO SEPTIC PIPE REQUIRED
7 ROWS OF ENVIRO SEPTIC PIPE, EACH ROW 30' LONG

PARKER MOUNTAIN ROAD
(class v)
24' WIDE PAVEMENT



| | | NHDES CA2006084878A |
|---|--------|--|
| #1 | 3-8-19 | REVISE PER N-0-D |
| REVISION | DATE | DESCRIPTION |
| AMENDMENT TO ENVIRO-SEPTIC DESIGN FOR DAN & JANET O'LONE PARKER MOUNTAIN ROAD BARRINGTON, N.H. TAX MAP 227, LOT 9 | | |
| BERRY SURVEYING & ENGINEERING | | 335 SECOND CROWN POINT RD. BARRINGTON, N.H. 332-2863 |
| SCALE: 1 IN. EQUALS 20 FT. | | DATE: FEBRUARY 6, 2019 |
| FILE NO.: | | |