

NOTES

THE SEPTIC TANK IS TO MEET ENV-WQ 1010 SPECIFICATIONS. ACCESS SHALL BE PROVIDED TO EACH COMPARTMENT BY MEANS OF EITHER A REMOVABLE COVER OR A 23\"/>

ENV-WQ 1010.07 INLET AND OUTLET Baffles.

(A) EACH SEPTIC TANK SHALL HAVE AN INLET Baffle AND AN OUTLET Baffle THAT ARE:

- (1) PLUMB AND LEVEL.
- (2) SECURED TO THE INLET PIPE OR OUTLET PIPE, AS APPLICABLE, USING STAINLESS STEEL SCREWS; AND
- (3) PLASTIC VENTED TEES THAT EXTEND ABOVE THE LIQUID LINE TO NOT LESS THAN ONE INCH FROM THE INTERIOR OF THE TOP OF THE SEPTIC TANK OR COVER.

(B) THE INLET Baffle SHALL:

- (1) DIVERT THE INCOMING SEWAGE DOWNWARD; AND
- (2) PENETRATE AT LEAST 8 INCHES BELOW THE LIQUID LEVEL, BUT IN NO CASE GREATER THAN THE DEPTH OF THE OUTLET Baffle.

(C) THE OUTLET Baffle SHALL EXTEND TO A DISTANCE BELOW THE SURFACE OF THE LIQUID EQUAL TO 40% OF THE LIQUID DEPTH.

THE SEPTIC TANK MUST HAVE A LIQUID DEPTH NO LESS THAN 40 INCHES.

IF THE SEPTIC TANK HAS AN EFFLUENT FILTER THE TANK SHALL HAVE A RISER ABOVE THE FILTER OPENING WHICH EXTENDS TO FINISHED GRADE.

THE BOTTOM OF THE SEPTIC TANK SHALL NOT BE MORE THAN 15 FEET BELOW THE GRADE OF THE AREA WHERE THE SEPTAGE PUMPING TRUCK WILL PARK WHEN THE TANK NEEDS TO BE PUMPED OUT. SEPTIC TANKS SHALL BE ACCESSIBLE BY TRUCK TO WITHIN 125 FEET OF THE NEAREST ROAD OR DRIVEWAY. (ENV-WQ 1010.05g,f)

IF A GARAGE GRINDER IS OR WILL BE USED IN THE STRUCTURE SERVED BY THE TANK, THE TANK SIZE SHALL BE INCREASED BY 50%. (ENV-WQ 1010.01f)

SEWER PIPE FROM BUILDING TO SEPTIC TANK SHALL BE 4\"/>

THE FIRST LENGTH OF ALL DISTRIBUTION LINES LEADING FROM THE D-BOX TO EACH CONDUIT ROW OF PIPES SHALL BE Laid WITH THE SAME PITCH.

EFFLUENT DISPOSAL PIPES AND BOTTOM OF EFFLUENT DISPOSAL AREA WILL BE Laid AS LEVEL AS POSSIBLE. SYSTEM MAY HAVE TO BE REBUILT IN PLACE IF FAILURE OCCURS.

ENV-WQ 1021.02 SITE PREPARATION. E.D.A. SHALL BE STAKED OUT IN ACCORDANCE WITH THE PLANS. ALL TREES, TOPICAL ROOTS THAT ARE DIRECTLY ATTACHED TO A TREE STEM WHICH CAN BE EXTRACTED WITH THE STUMP, AND ORGANIC SOIL MATERIAL SHALL BE REMOVED FROM THE AREA TO BE FILLED, INCLUDING THE AREA UNDER THE SIDE SLOPES.

ENV-WQ 1021.03 FILL MATERIAL.

(a) SUBJECT TO (b) BELOW, FILL REQUIRED TO RAISE THE EFFLUENT DISPOSAL AREA ABOVE THE SEASONAL HIGH GROUND WATER TABLE OR IMPERVIOUS SUBSTRATUM SHALL BE CLEAN BANK RUN SAND, FREE OF TOPSOIL, OR HUMUS, DREDGINGS, OR STONES MORE THAN 6 INCHES IN ANY DIMENSION.

(b) THE FIRST 6 INCHES DIRECTLY BENEATH THE E.D.A. AND EXTENDING LATERALLY ACROSS THE FILL EXTENSION SHALL CONSIST OF:

- (1) MEDIUM TO COARSE TEXTURED SAND, WITH AN EFFECTIVE SIZE OF 0.25 TO 2.0 MM, NO GREATER THAN 3% PASSING THE NUMBER 200 SIEVE, AND NO PARTICLES SIZE LARGER THAN 3/4 INCH; OR
- (2) MATERIALS MEETING THE ASTM C-33 SPECIFICATION

VENTING IS KEY TO THE OPERATION OF THIS SEPTIC SYSTEM. A ROOF VENT INSTALLED TO PLUMBING CODE IS REQUIRED. E.D.A. VENT PIPE TO BE 4\"/>

THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT WITHIN 100 FEET OF ANY COMPONENT OF THE ISDS. NO OBSERVED DWELLINGS, WELLS, SURFACE WATER, POORLY OR VERY POORLY DRAINED SOILS WITHIN MINIMUM DISTANCES.

PRESSBY ENVIRONMENTAL ADVANCED-ENMRO SYSTEM IS USED, IT IS CRITICAL THAT THE FIRST 6\"/>

THE DISTANCES ARE TO THE CORNERS OF THE SYSTEM SAND.

ANY WETLANDS SHOWN ON THIS PLAN DELINEATED IN ACCORDANCE WITH 1014.06.

OPERATING REQUIREMENTS- PART ENV-WQ 1023

THE SEPTIC TANK SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT A FREQUENCY SUFFICIENT TO ALLOW THE TANK TO BE PUMPED BY A LICENSED SEPTAGE HAULER WHEN THE COMBINED THICKNESS OF THE SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH.

TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND EFFLUENT DISPOSAL SYSTEM, GREASE AND BULKY WASTES SHALL NOT BE FLUSHED OR INTRODUCED INTO THE SEPTIC SYSTEM.

TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE INTRODUCED INTO THE SEPTIC SYSTEM.

TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND EFFLUENT DISPOSAL AREA, VEHICLES, LIVESTOCK AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE EFFLUENT DISPOSAL AREA UNLESS IT IS DESIGNED TO MEET H-20 WHEEL LOADING.

IF NET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE SEPTIC TANK, DISTRIBUTION LINES OR EFFLUENT DISPOSAL AREA, OR IF DISAGREABLE OCCURS, THE OWNER OF THE ISDS SHALL INSPECT THE SYSTEM OR HAVE THE SYSTEM INSPECTED BY A PERMITTED DESIGNER OR PERMITTED INSTALLER TO DETERMINE THE SOURCE OF THE PROBLEM(S), AND TAKE ACTION TO CORRECT THE PROBLEM(S).

SYSTEM SAND *CRITICAL COMPONENT*

PRESSBY ENVIRONMENTAL SYSTEM SAND SPECIFICATIONS				
SYSTEM SAND CONTAINS...	PER SPEC'S % (BY WEIGHT)	PARTICLE SIZE (METRIC)	PARTICLE SIZE (INCHES)	SIEVE # REFERENCE
GRAVEL (UP TO 3/4 IN.)	0 - 35%	2-76 MM	0.08-0.75 IN. 5/64 - 3/4 IN.	PASSES #10 RETAINED #10
SAND (COARSE & VERY COARSE)	40 - 80% (THE MORE THE BETTER)	0.5-2.0 MM	0.0198-0.075 IN. 1/64 - 5/64 IN.	PASSES #10, RETAINED #35
FINES (SILT/CLAY)	NO MORE THAN 3 % (TOTAL)	< .075 MM	< 0.0029 IN.	PASSES #200

SYSTEM SAND ALTERNATIVE:

ASTM C-33 (CONCRETE SAND), NATURAL OR MANUFACTURED SAND, WITH NOT MORE THAN 3% PASSING THE #200 SIEVE (VERIFIED BY WASHING THE SAMPLE PER REQUIREMENTS OF ASTM C-117 AS NOTED IN THE ASTM C-33 SPECIFICATION) MAY BE USED AS AN ACCEPTABLE ALTERNATIVE FOR USE AS SYSTEM SAND.

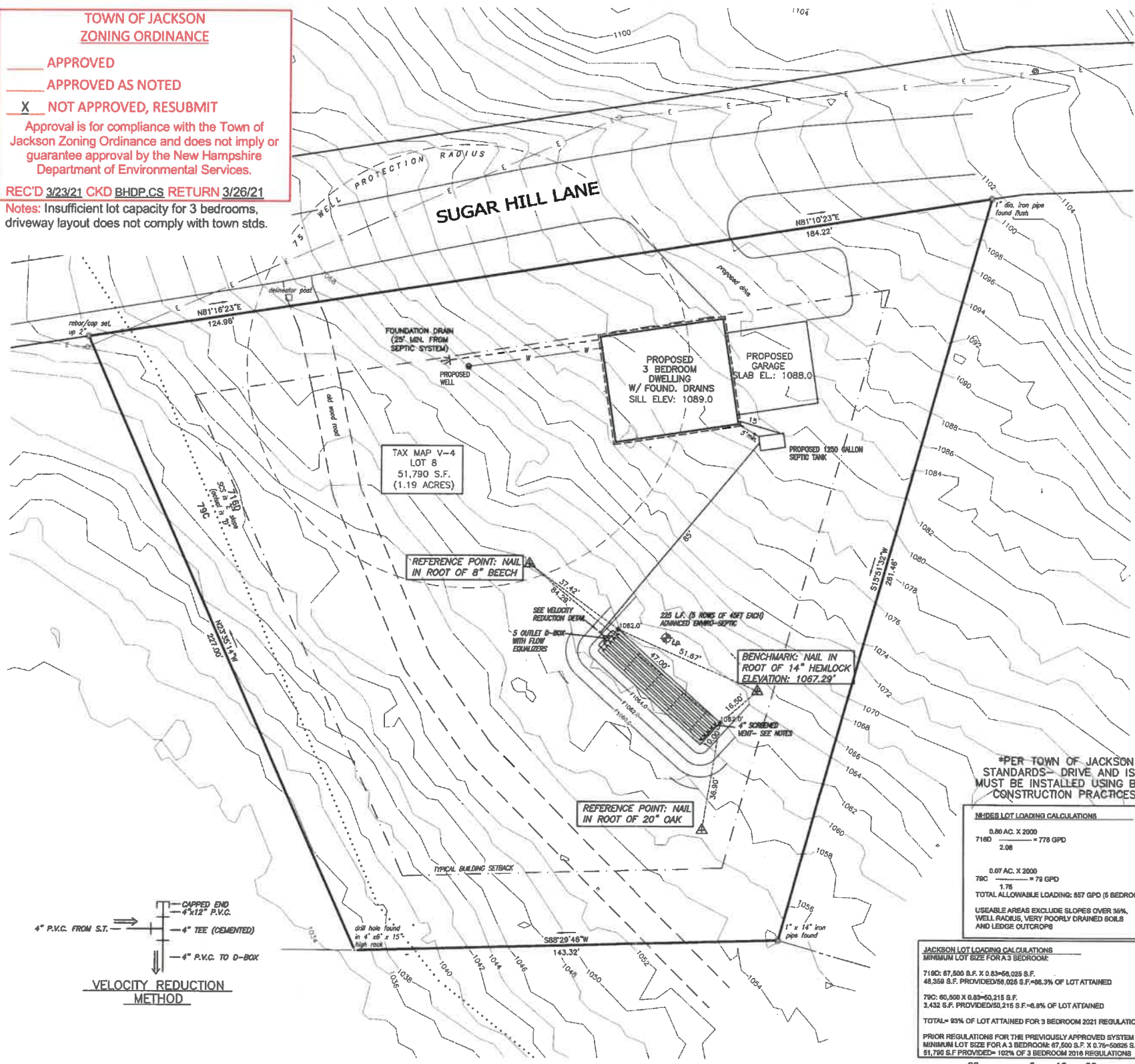
TOWN OF JACKSON ZONING ORDINANCE

- APPROVED
- APPROVED AS NOTED
- ☒ NOT APPROVED, RESUBMIT

Approval is for compliance with the Town of Jackson Zoning Ordinance and does not imply or guarantee approval by the New Hampshire Department of Environmental Services.

REC'D 3/23/21 CKD BHDP.CS RETURN 3/26/21

Notes: Insufficient lot capacity for 3 bedrooms, driveway layout does not comply with town stds.



ELEVATIONS	
SILL ELEV :	1089.0
SLAB ELEV :	1081.5
HOUSE OUT :	1080.0
S.T. IN :	1079.7
S.T. OUT :	1079.4
D-BOX IN :	1083.0
D-BOX OUT :	1082.8
E.D.A. IN :	1082.6
E.D.A. BOTTOM :	1082.0
FIN. GRADE :	1084.0
ORIG. GRADE :	1082.0

SOIL TYPE **

716E-MARLOW FINE SANDY LOAM (ACTUAL AVERAGE SLOPE IS "D")

U.S.D.A. WEB SOIL SURVEY

PERCOLATION TEST DATA

DATE OF TEST 10/23/20

DEPTH: 24"

RESULTS: 1" IN 9 MIN.

LEACH BED CALCULATIONS **

PERCOLATION RATE: 1" IN 9 MIN.

NUMBER OF BEDROOMS: 3

LINEAR FOOTAGE REQUIRED: 210 LF

LINEAR FOOTAGE PROVIDED: 225 LF

DESIGN INTENT **

THE BOTTOM OF THE BED SHALL BE CONSTRUCTED AT 1062.0 ELEVATION; AND

THE ELEVATION OF THE HIGH CONTOUR OF THE DESIGN BED IS: APPROXIMATELY 0.0' ABOVE (AT) EXISTING GROUND LEVEL.

THE MOST UPSLOPE CORNER OR SIDE OF THE BED IS AT LEAST 24 INCHES ABOVE THE SEASONAL HIGH WATER TABLE.

TEST PIT DATA 10/23/20	
3'-0"	FOREST MAT
0'-10"	10YR3/5 FINE SANDY LOAM, BLOCKY, FRAGILE
10'-25"	10YR3/5 FINE SANDY LOAM, BLOCKY, FRAGILE
25'-30"	2.5YR/4 FINE SANDY LOAM, BLOCKY, FRAGILE
30'-60"	2.5YR/4 LOAMY FINE SAND, BLOCKY, FRAGILE
RECORD FEATURES AT 30" ROOTS TO 40" ROCKS TO 30" FULL DEPTH	
S.H.W.T. :	30"
WATER :	NONE OBSERVED
LEDGE :	NONE OBSERVED

EFFLUENT DISPOSAL AREA TYPE **

WHEEL LOADING : H-10

E.D.A. USED IN THIS DESIGN

ADVANCED ENVIRO-SEPTIC

GED-FLOW

STONE & PIPE

ENVIRO-SEPTIC PIPES AVAILABLE FROM *

PRESSBY ENVIRONMENTAL, INC.

P.O. BOX 817, ROUTE 117

SUGAR HILL, NH 03585

CALL 1-800-473-5298 FOR NEAREST AUTHORIZED DEALER

RE-DESIGN FOR EXPIRED DESIGN- ECA2016091215

DESIGN PLAN FOR :

TAX MAP V-4, LOT 8

SUGAR HILL LANE

SUGAR HILL SUBDIVISION

JACKSON, NH 03846

OWNER :

WILLIAM F. O'SHEA

PO BOX 990

GLEN, NH 03838

DEED RECORDED VOL. 3304 PAGE 678 COUNTY OF CARROL

APPLICANT : YORK LAND SERVICES, LLC

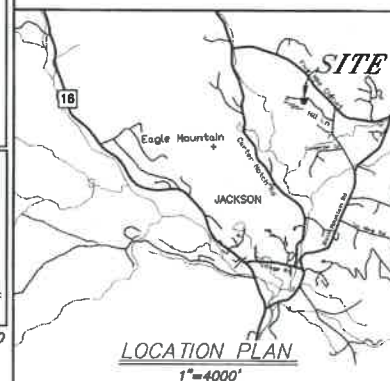
RIVERSIDE COURTYARDS

3-12TH ST., BERLIN, NH 03570

DESIGNERS PERMIT No. 15

SCALE : 1" = 20' DATE : FEBRUARY 27, 2021

D.E.S.-W.S.P.C.D. SUBDIVISION APPROVAL No.: N/A- PRE 7-1-67



NEW HAMPSHIRE Designer of Subsurface Disposal Systems and Water Supply & Pollution Control

Arthur M. York No. 15

AMY, BJY 20082