

all measurements taken to center of proposed drywells

BM nail set on wall near door @ 563' 10"

Existing 4 Bd Rm Dwelling

Upper Deck

BM and Field tie set on fence nail 563' 5"

26' 6"

1' 5"

10' 0"

3' 4"

16" Oak nail set @ 561' 2"

SCALE 1" = 20'

Bench Mark and Field Ties

Venting
(Typical – Not to Scale)

install screen

LOW VENT

Not required this design

Drywell

Diagram illustrating a Low Vent system. A vertical pipe labeled "LOW VENT" extends from a "Drywell" (a rectangular box) up to a roof. The pipe has a horizontal section at the top with a "screen" installed. A dimension line indicates the height from the roof level to the top of the vent pipe is 6 feet. A note states "Not required this design".

- This design is based on data taken from the ENV-WQ 1000
- No perimeter drains with this design.
- This Design does not calculate the use of a garbage grinder should one be used the tank capacity must be increased by 50%
- This System must be replaced in the same location as shown on this plan unless otherwise shown.
- 1 1/2" Washed stone used in bed area must be clean of sand and contaminants

There are no burial sites public or private within 100' of the proposed EDA.

- Drywell separations 10 ft. min. between outside the stone of drywells
- Minimum Separation Distance from seasonal water 24"
- Final Grade 562'
- Original Grade 562"
- Drywell size from table 1016-1 residential use 2 min perc
- 4 Existing Bd Rm = 750 sq. ft. required, 50% reduction for drywell use
- = 375 sq. ft. required Drywell #1 has 194.54 sq. ft.
- Drywell #2 has 194.54 sq. ft. Totals 389.08 sq. ft. used this design.

Drywell #1
Calc based on 10' X 6' 2" X 3.14 = 194.54 sq. ft. for a 10' round drywell 6' 2" deep from invert

(dia) (height) (pi)

Drywell #2
Calc based on 10' X 6' 2" X 3.14 = 191.54 sq. ft. for a 10' round drywell 6' 2" deep from invert

(dia) (height) (pi)

**SEPTIC TANK SIZE NEW 1250 gal
A J Foss Company Inc. or EQUAL.**

D-BOX'S to have 2 outlets minimum

Drywell Dimensions 10' X 6' 6" & 10' X 6' 6"

Number of Drywells 2 (#1 & #2)
12" of stone under each drywell

Schedule 40 - 4" pipe used from foundation to tank, seal all joints.

4" SDR 35 pipe used from tank to Drywells, seal all joints.
All connections between a septic tank and the pipes leading to and exiting from the septic tank shall be sealed with flexible joint connectors that will accommodate normal movement of the septic tank without leaking or breaking.
Foundation drains as shown on plan.

Use residential 600 GPD 4 Bed Rooms

Design intent is to construct bed bottom no more than 7' 5" below existing ground level on high side of bed #1 @ 554' 7" and 7' 5" below existing ground level on high side of bed #2 @ 554' 7"

Lot Owner: AE & RS Property Holdings LLC
William (Bill) Strong
2 Grachen Drive
Madison, NH
Subdivision approval # Pre-1967
Subdivision Name Eidelweiss
Deed book

Map 109 Parcel 188

NEW HAMPSHIRE
Designer
of
Subsurface Disposal
Systems
 ...
David S. Pandora
No. 393
Supply & Pollution Control

Revised Nov 30, 2021

D
S
P

DAVID S PANDORA
45 FEIN LANE
CENTER CONWAY, NH 03813
1-603-356-3737

2021 Master

When excavation begins if any changes that differ from the representations shown on this plan are found please contact the designer for corrective actions if necessary to this plan.

November 30, 2021
Revised plan includes equalizing of drywells
adding D-Box and submitting cut sheets for drywells
and referencing Env-Wq 1020.04 for total sizing of drywells.

All wetland areas indicated on this plan have been delineated on the basis of hydrophytic vegetation, hydric soils, and wetland hydrology in accordance with techniques outlined in the "Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1" January 1987. This plan does not represent a survey.

There are no Jurisdictional wetlands being impacted anywhere on this lot

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION

Date: 12/2/2021

#eCA2021120217