

GENERAL SYSTEM NOTES

1. The soil line from the structure shall be a 4" PVC pipe (ASTM D1785 or D2665) with rubber gasket joints, or an approved equal. Soil line shall be set at a minimum slope of 0.25 inch/ft.
2. The septic tank shall be a two compartment tank, shall be watertight and all baffled inspection manholes shall be located at a depth not greater than 12" below finished (landscaped) grade. The tank shall conform to Connecticut Public Health Codes.
3. Solid distribution pipe to be ASTM 3033-34, SDR 35 or equal.
4. All distribution boxes shall be as manufactured by Rotondo and Sons, Inc., catalog number DB-3, as shown on the plan, or equivalent as approved by the Engineer.
5. No part of the septic tank or leaching trenches shall be within 75' of wells on adjacent properties. The well shall not be within 75' of any septic system.
6. This system is not designated to accept effluent from bathtubs holding over 100 gallons, filter backwash, water softener backwash or garbage disposal unit.
7. All survey information was taken from maps prepared by Others.
8. This design conforms to applicable codes and accepted practice. No other warrenty is expressed or implied.
9. Code Septic Design assumes no responsibility for septic system site preparation, location, or invert elevations in compliance with the approved plan, unless it supervises each phase of system installation.
10. All vehicle traffic should be PROHIBITED over the septic area. Any land disturbance down gradient of the septic area should be kept to a minimum.
11. Immediately following construction, the leachfield areas topsoil is to be added, graded, seeded, fertilized, and mulched to establish a vegetation cover during the growing season. Any large stones and construction debris is to be removed from the area with final conditions left in a neat and workman-like manner.
12. Leachfield areas shall be protected at all times from surface-water runoff by the construction of berms and/or swales. At no time shall surface-water runoff be permitted to enter any leaching system components.
13. The septic system and well shall be staked out by a surveyor licensed by the State of Connecticut.
14. Licensed septic installer shall follow manufacturers directions for proper Ruck-A-Fin installation
15. All improvements shall conform to Town and State regulations.
16. "Select Fill Material" shall conform to Connecticut Public Health Code Regulations & Technical Standards. Any unacceptable in-place fill shall be removed at the expense of the Licensed Septic Installer. "Select Fill Material" or "Select Backfill Material" shall be comprised of clean sand & gravel, free of organic material and foreign substances. The fill shall not contain any material larger than three (3) inches. Up to 45% of the dry weight of the representative sample may be retained on the #4 sieve (This is the gravel portion of the sample). The material that passes the #4 sieve is then reweighed and the sieve analysis started. The remaining sample shall meet the following gradation criteria: 100% passing the #4 sieve; 70-100% passing the #10 sieve; 10-50% passing the #40 sieve*; 0-20% passing the #100 sieve; 0-5% passing the #200 sieve.
- *NOTE: The percent passing the #40 sieve can be increased to no greater than 75% if the percent passing the #100 sieve does not exceed 10% and the #200 sieve does not exceed 5%.
17. The "Select Fill Material" shall be percolation tested prior to installation. Select Fill most perc. at least 1" in 10 minutes. Ruck-A-Fin System must use C-33 Sand (SEE MANUFACTURING SPECIFICATIONS)
18. Topsoil under septic area to be removed and soil to be scarified.
20. The house elevations are only suggested and actual site condition may warrant other floor elevations.
21. Soil test are only indicators of actual soil conditions, that may vary throughout the septic area. No Warranty is expressed or implied on uniform soil conditions.
22. Call before you dig 1-800-922-4455.
23. Lot Area = 2.5 Acres.
24. Provide 2' diameter risers with manholes to grade over Septic Tank.
25. Topographic information field verified by Nowakowski, O'Bymachow, Kane and Associates.
26. A ZBA Waiver will be required for this plan.

LEGEND	
SYMBOL	DESCRIPTION
	Test Hole
	Perc. Hole
	Existing Contour
	Existing Contour
	Existing Spot Elev.
	Proposed Contour
	Proposed Spot Elev.
	Stone Wall
	Wetland Boundary
	Exist. Edge of Pavement
	Silt Fence
	Anti-Tracking Apron
	100 Ft. From Wetlands
	Haybales
	Conservation Easement Line
	Limit of Disturbance Line

DESIGN DATA

3	Bedroom House
675	Sq. Ft. of effective leaching area required.
840	Sq. Ft. of effective leaching area provided.
120	L. F. of Ruck-A-Fins R1032C with 1250 gal. tank

RESERVE AREA - 35 LF. DOUBLE WIDE 100 MANTIS

ELEVATIONS

Building Sewer Inv. = 748.05

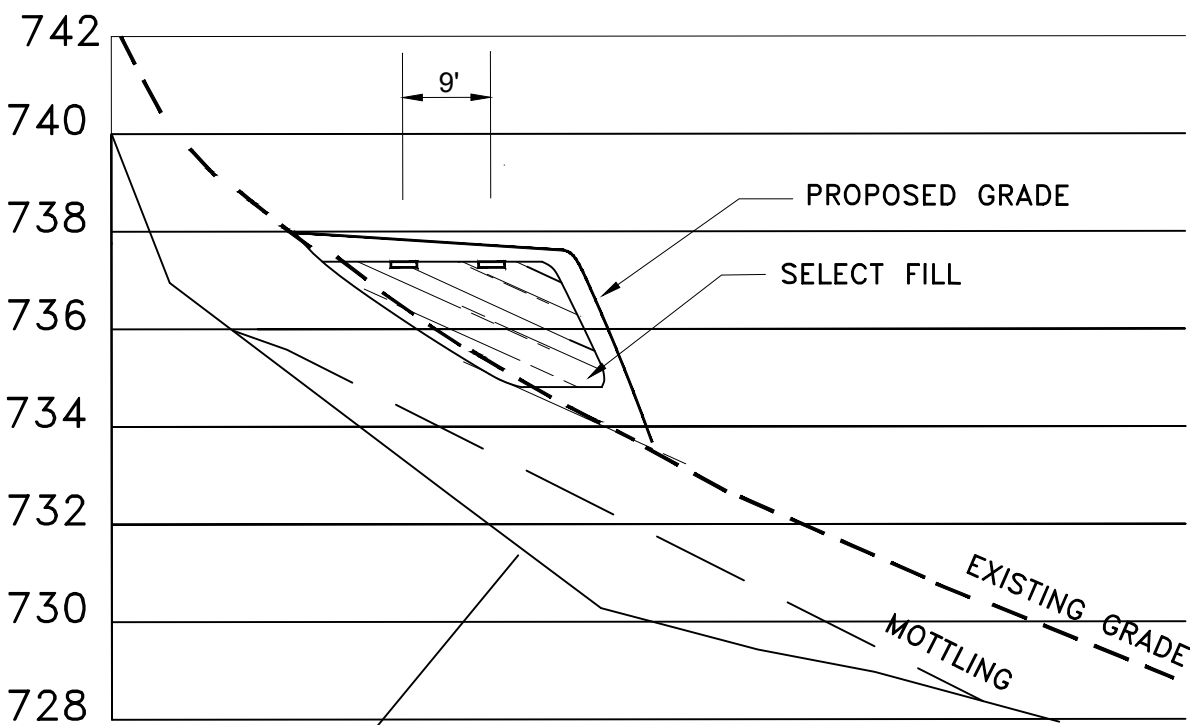
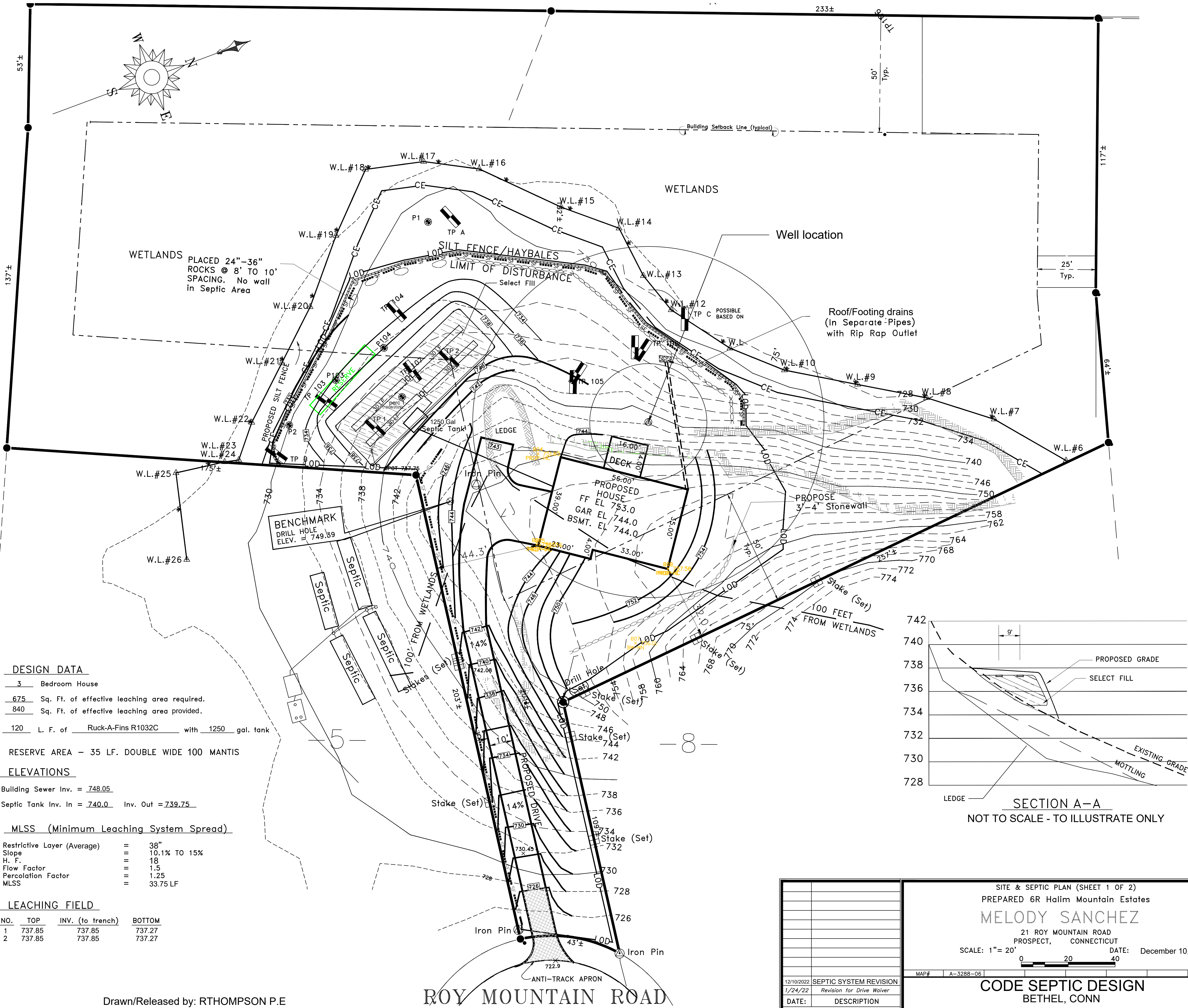
Septic Tank Inv. In = 740.0 Inv. Out = 739.75

MLSS (Minimum Leaching System Spread)

Restrictive Layer (Average)	=	38"
Slope	=	10.1% TO 15%
H. F.	=	18
Flow Factor	=	1.5
Percolation Factor	=	1.25
MLSS	=	33.75 LF

LEACHING FIELD

NO.	TOP	INV. (to trench)	BOTTOM
1	737.85	737.85	737.27
2	737.85	737.85	737.27



SECTION A-A
NOT TO SCALE - TO ILLUSTRATE ONLY

12/10/2022	SEPTIC SYSTEM REVISION
1/24/22	Revision for Drive Waiver
DATE:	DESCRIPTION
	REVISIONS

SITE & SEPTIC PLAN (SHEET 1 OF 2)
PREPARED 6R Halim Mountain Estates
MELODY SANCHEZ
21 ROY MOUNTAIN ROAD
PROSPECT, CONNECTICUT
SCALE: 1"= 20'
DATE: December 10, 2022

MAP# A-3288-06

CODE SEPTIC DESIGN
BETHEL, CONN

Designed by: sDuffy

Drawn/Released by: RTHOMPSON P.E

Mottles @ 14"
Ledge @ 36"

Mottles @ 24
Ledge @ 50"
Water @ 30"

Mottles - not observed
Ledge @ 48"

Mottles @ 28"
Ledge @ 48"

Mottles - not observed
Ledge @ 67"

Mottles - not observed
Ledge @ 30"

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		PREPARED 6R Halim Mountain Estates
		MELODY SANCHEZ
		21 ROY MOUNTAIN ROAD PROSPECT, CONNECTICUT
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