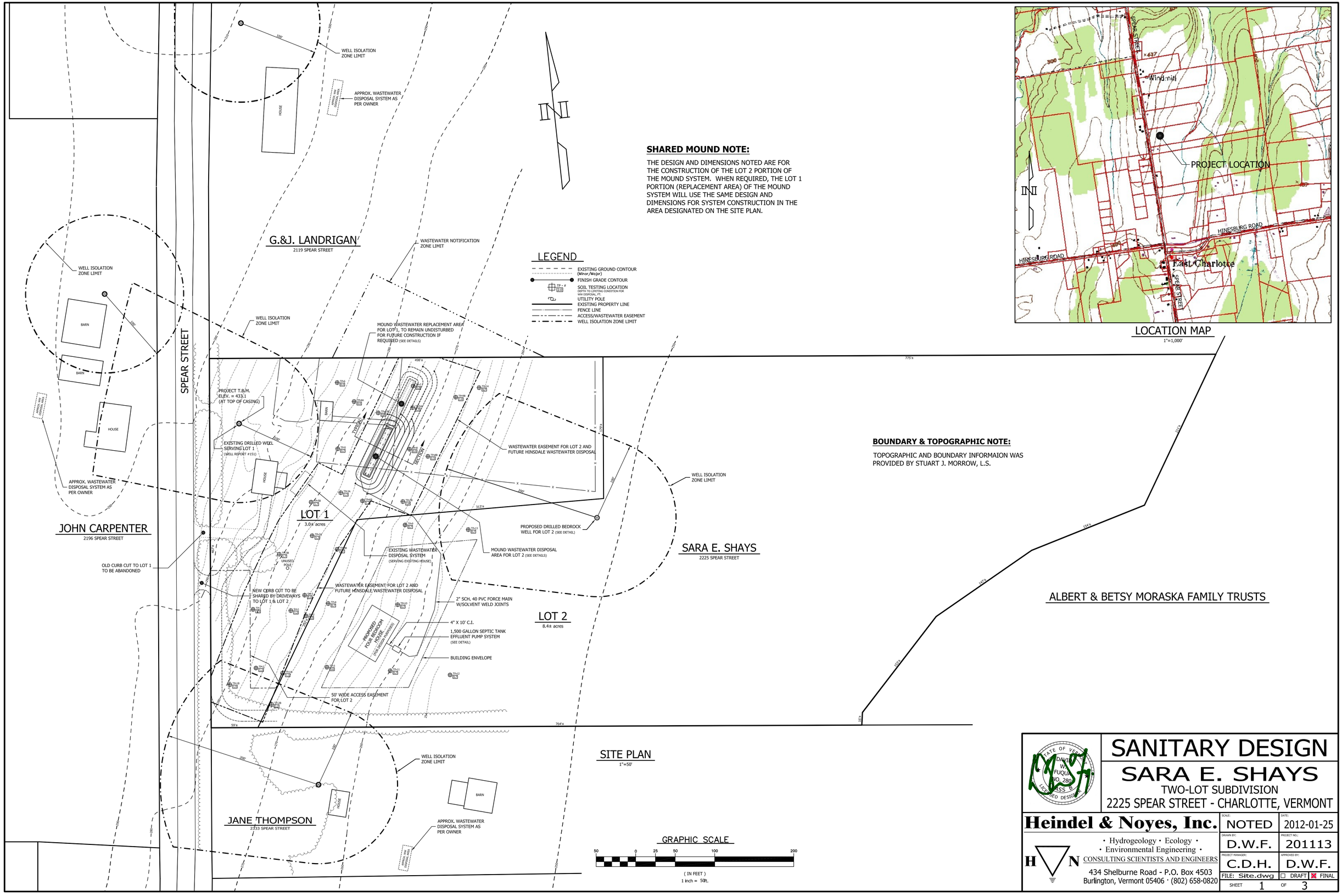

SHARED MOUND NOTE:

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BOUNDARY & TOPOGRAPHIC NOTE:

TOPOGRAPHIC AND BOUNDARY INFORMAION WAS PROVIDED BY STUART J. MORROW, L.S.

STATE OF VERMONT DAVID W. FUQUA NO. 280 LICENSED DESIGNER

SANITARY DESIGN

SARA E. SHAYS

TWO-LOT SUBDIVISION

2225 SPEAR STREET - CHARLOTTE, VERMONT

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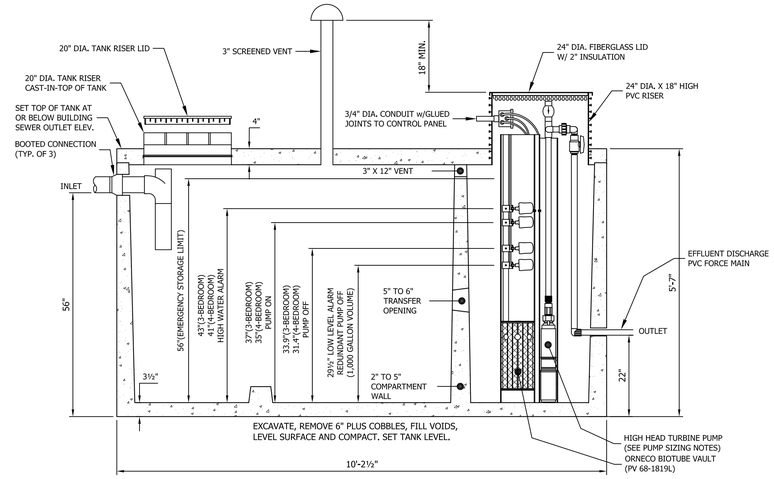
SCALE: NOTED	DATE: 2012-01-25
DRAWN BY: D.W.F.	PROJECT NO.: 201113
PROJECT MANAGER: C.D.H.	APPROVED BY: D.W.F.
FILE: Site.dwg	☐ DRAFT ☒ FINAL
SHEET 1 OF 3	



NOTES:

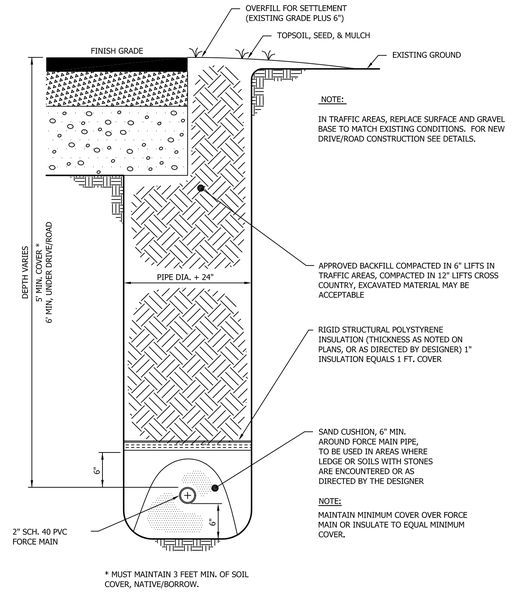
- CAMP PRECAST CONCRETE 1,500 GAL. TWO COMPARTMENT SEAMLESS PUMP STATION, OR APPROVED EQUIVALENT. PUMP STATION TO BE WATERTIGHT. (CONFIG. TANK 1,000/500 GAL.)
- DRILL 3/16" WEEP HOLE AFTER CHECK-VALVE TO DRAIN 2" PIPING WITHIN PUMP STATION TO ELIMINATE FREEZING.

4-BEDROOM NOTES:

1. PROVIDE A HIGH WATER AUDIO AND VISUAL ALARM, TO BE INSTALLED IN BUILDING.
2. PROVIDE 490 GALLONS OF EMERGENCY STORAGE ABOVE THE ALARM FLOAT.
3. SUPPLIER TO CERTIFY SUITABILITY OF STATION BASED ON SITE CONDITIONS.
4. INSIDE TANK DIMENSIONS: 66"w X 116.5"l X 52.5"h (to inlet invert)
5. DOSE VOLUME: 122.5 GAL./DOSE.

1,500 GALLON TWO COMPARTMENT SEPTIC TANK EFFLUENT PUMPING SYSTEM DETAIL

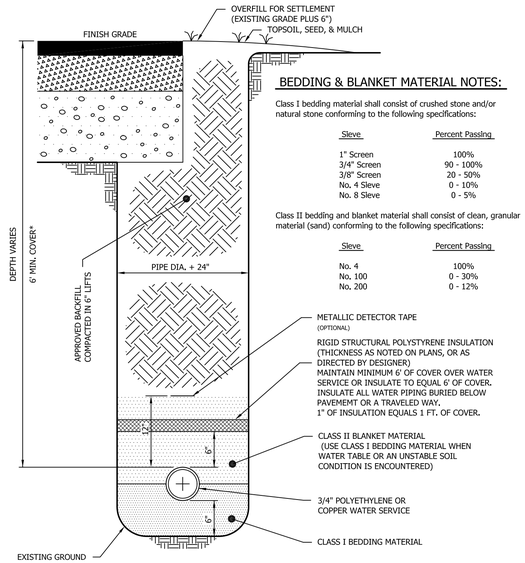
NOT TO SCALE



* MUST MAINTAIN 3 FEET MIN. OF SOIL COVER, NATIVE/BORROW.

SEWER FORCE MAIN TRENCH DETAIL

NOT TO SCALE



* MUST MAINTAIN 3 FEET MIN, OF SOIL COVER, NATIVE/BORROW.

BEDDING & BLANKET MATERIAL NOTES:

Class I bedding material shall consist of crushed stone and/or natural stone conforming to the following specifications:

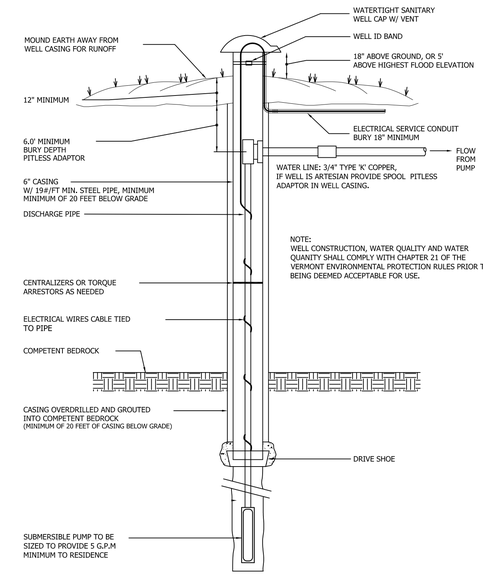
Sieve	Percent Passing
1" Screen	100%
3/4" Screen	90 - 100%
3/8" Screen	20 - 50%
No. 4 Sieve	0 - 10%
No. 8 Sieve	0 - 5%

Class II bedding and blanket material shall consist of clean, granular material (sand) conforming to the following specifications:

Sieve	Percent Passing
No. 4	100%
No. 100	0 - 30%
No. 200	0 - 12%

WATER SERVICE TRENCH DETAIL

NOT TO SCALE



BEDROCK WELL INSTALLATION DETAIL

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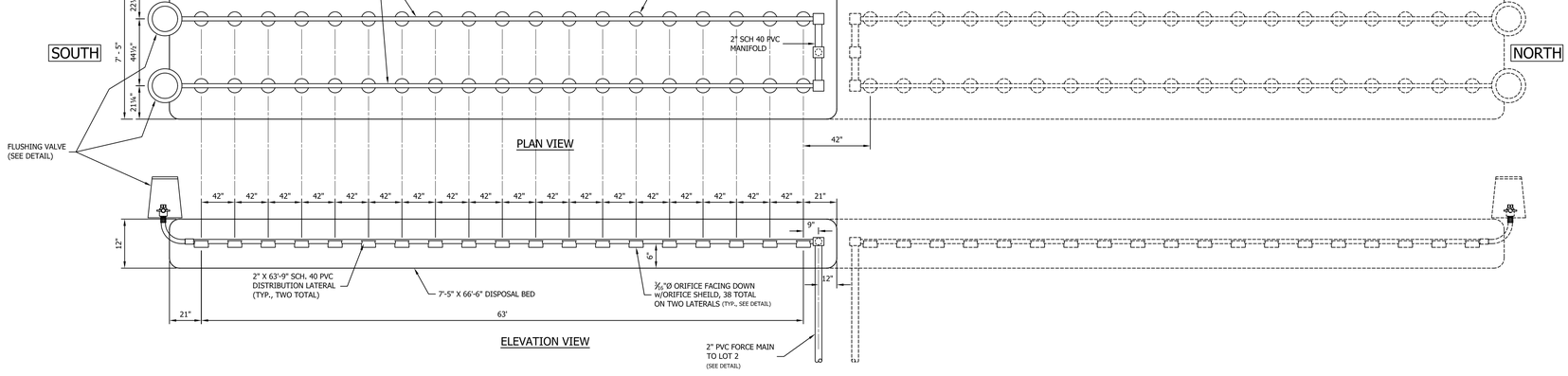

MOUND DISPOSAL BED AND LATERAL & ORIFICE SPACING DETAIL

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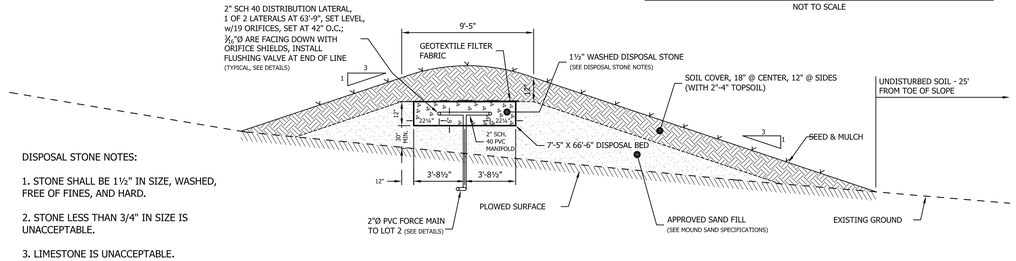

DISPOSAL STONE NOTES:

1. STONE SHALL BE 1½" IN SIZE, WASHED, FREE OF FINES, AND HARD.
2. STONE LESS THAN 3/4" IN SIZE IS UNACCEPTABLE.
3. LIMESTONE IS UNACCEPTABLE.

DISPOSAL MOUND - TYPICAL CROSS SECTION

NOT TO SCALE

MOUND SAND SPECIFICATIONS

MOUND SAND SHALL CONFORM TO ONE OF THE FOLLOWING SPECIFICATIONS:

	% PASSING	SIEVE SIZE	mm
1.	85 - 100%	⅜	9.500
	25 - 75	40	0.42
	0 - 30	60	0.24
	0 - 10	100	0.149
	0 - 5	200	0.074
2.	95 - 100%	4	4.75
	80 - 100	8	2.38
	50 - 85	16	1.19
	25 - 60	30	0.59
	10 - 30	50	0.297
	2 - 10	100	0.149
3.	85 - 100%	⅜	9.500
	30 - 50	40	0.420
	5 - 10	200	0.074

NOTE:
THE MOUND SAND MUST MEET THE SPECIFICATIONS (1), (2), OR (3) ABOVE. INTERPOLATION OF ANALYSES IS NOT PERMITTED. SPECIFICATION (2) IS ASTM SPECIFICATIONS C-33 AND IS INTENDED FOR MANUFACTURED MATERIAL.

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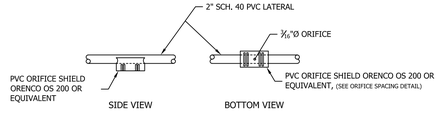
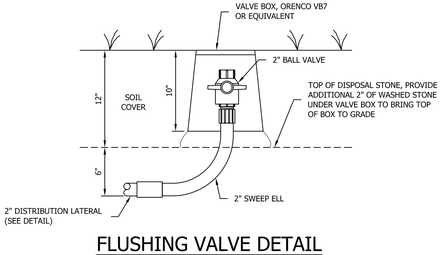


ORIFICE SHIELD DETAIL

NOT TO SCALE



FLUSHING VALVE DETAIL

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DETAILS

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