

PRIM/REP AREA

SOIL TEST RESULTS

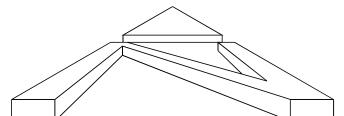
TEST PIT #1 DEPTH TO S.H.W.T. NONE TO 88"
TEST PIT #2 DEPTH TO S.H.W.T. NONE TO 88"
TEST PIT #3 DEPTH TO S.H.W.T. NONE TO 91"

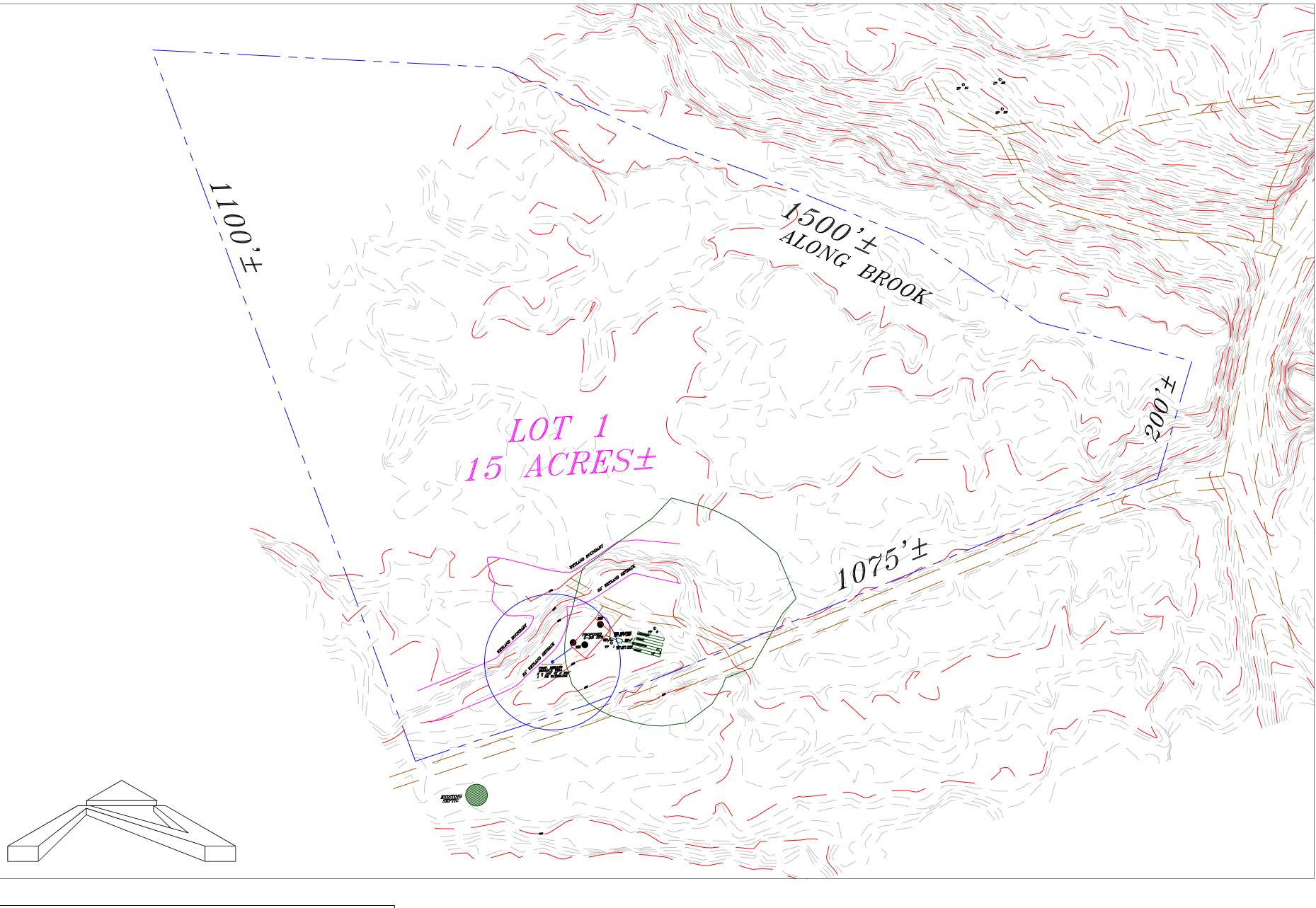
PRIM/REP DESIGN CRITERIA 5-BR SFR = 560 GPD

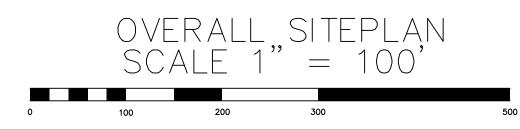
DESIGN FLOW = 560 GPDLOAMY SAND PER TABLE 9-3 1.5 GPD/SFT 560 GPD / 1.5 (GPD/SFT) = 374 SFT 18" OF STONE FOR 25% REDUCTION 374 X 0.75 = 281

281 SFT / 4 = 70.25 LF

FINAL TRENCH SIZE (2) 4' X 40' TRENCHES WITH 18" OF STONE BELOW PIPE

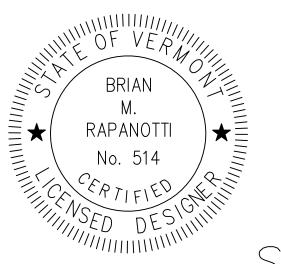






GENERAL NOTES:

- 1. THIS PLAN IS FOR REGULATORY APPROVAL ONLY. IT IS NOT A SURVEY. 2. OWNER AND OR CONTRACTOR WILL NOTIFY ENGINEER 72 HOURS BEFORE BEGINNING CONSTRUCTION ON SEPTIC SYSTEM OR WATER SUPPLY. 3. SEPTIC AND WATER SUPPLY MUST BE INSTALLED AS SPECIFIED AND IN THE LOCATION AS INDICATED ON THIS PLAN.
- 4. ALL EQUIPMENT MUST BE INSTALLED ACCORDING TO MANAFACTURER'S, INSTRUCTIONS. NO CHANGES OR SUBSTITUTIONS MAY BE PLAN WITHOUT CONSULTANT APPROVAL.
- 5. THIS PLAN IS FOR THE FOLLOWING:
- LOT 1 PROPOSED 5 BEDROOM SFR DESIGN FLOW = 560 GPD TOTAL DESIGN FLOW = 560 GPD



"I hereby certify that the design-related information submitted with this application is true and correct, and that, in the exercise of my reasonable professional judgement, the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules."

Brian Rapanotti

SHEET 1 OF 2

RAPANOTTI SEPTIC DESIGN OVERALL SITEPLAN Grace Putney Vermont Apr 28, 2025 AS NOTED 25-1210 REVISIONS BRIAN RAPANOTTI vermont licensed designer type b #514 po box 11, springfield, vt 05156 tel. # 802-289-9917

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION Drinking Water & Groundwater Protection Division THIS IS SUBJECT TO PROVISIONS OR CONDITIONS LISTED IN PERMIT Permit #: WW-2-8011 Date: 08/21/2025