

**- PROJECT DESCRIPTION -**

THE INTENT OF THIS PLAN IS TO SHOW A NEW SINGLE-FAMILY RESIDENCE TO BE SERVED BY ON-SITE SEWERAGE DISPOSAL AND DRINKING WATER SYSTEMS:

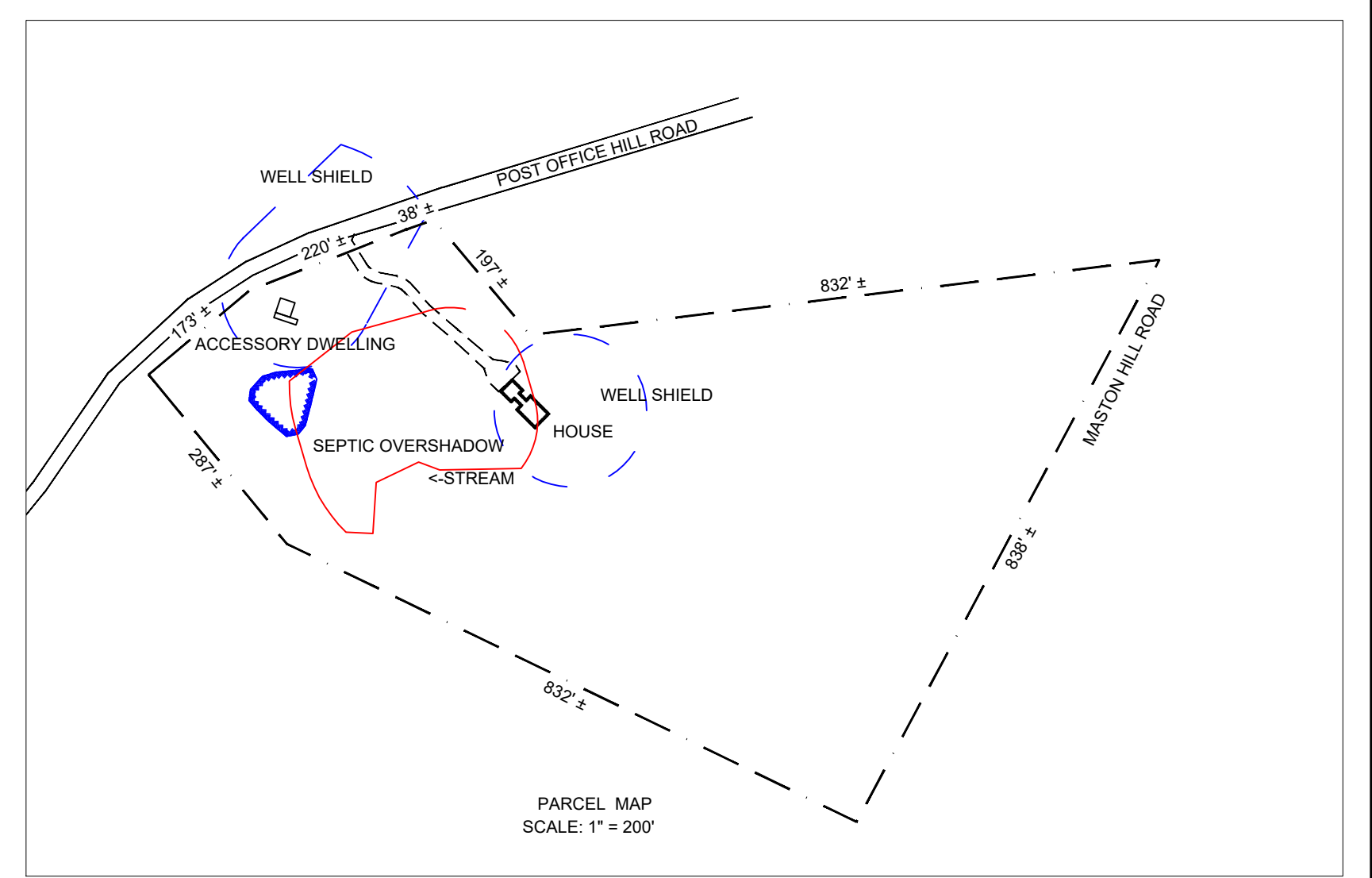
**BASIS OF DESIGN: (VANR REGULATIONS 4/12/19)**

NUMBER OF BEDROOMS @ 140 GPD:	3
ACCESSORY DWELLING:	1
COMMERCIAL FLOWS:	0
DESIGN FLOW:	560 GPD
REQUIRED TANK SIZE:	1,000 GAL
SLOPE:	2%
CRITICAL DEPTH:	60 INCHES

**PRESBY ENVIROSEPTIC SYSTEM**

APPLICATION RATE:	1.0 GAL/SQ FT
LINEAR FOOTAGE REQUIRED:	350 FT
NUMBER OF LINES PROVIDED:	7
LENGTH OF EACH LINE PROVIDED:	50 FT
DEPTH OF SAND BELOW PIPE:	12 INCHES
TOTAL SYSTEM LENGTH:	350 FT
PIPE SPACING:	1.5 FT
SYSTEM WIDTH:	5.5 FT
CALCULATED WIDTH:	22 FT
SYSTEM LENGTH:	66 FT
SYSTEM AREA:	1232 SF
TABLE B MIN. SAND AREA:	700 SF

- NOTES:**
- LOW FLOW FIXTURES REQUIRED.
  - CONTRACTOR TO REPORT ALL ERRORS AND OMISSIONS TO ENGINEER PRIOR TO CONSTRUCTION. ALL CHANGE ORDERS ALTERNATIVE MATERIALS, INTERPRETATIONS, OR PLAN DEVIATIONS TO BE PRE-APPROVED BY ENGINEER PRIOR TO INSTALLATION AS APPROPRIATE.
  - CONTRACTOR WARNED THAT UNDERGROUND UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THESE PLANS. CONTRACTOR MUST CONTACT DIG-SAFE PRIOR TO ANY DIGGING. THESE PLANS ARE BASED ON LIMITED SUBSURFACE EXCAVATION PER CONTRACTED SCOPE OF WORK. OWNER AND CONTRACTOR WARNED THAT LEDGE OR OTHER UNDESIRABLE CONDITIONS MAY EXIST THAT ARE NOT SHOWN ON THESE PLANS.
  - IF EQUIPPED, EFFLUENT FILTER TO BE INSPECTED & CLEANED EVERY THREE TO SIX MONTHS. SEPTIC TANK SHOULD BE PUMPED OUT AND CLEANED EVERY THREE YEARS.
  - IF EQUIPPED WITH A SEPTIC TANK, OWNER IS WARNED THAT GARBAGE DISPOSALS, LAUNDRY BLEACH, ANTIBACTERIAL SOAP, HAZARDOUS MATERIALS, PHARMACEUTICALS, AND HOUSEHOLD CLEANERS WILL REDUCE LIFE OF SEPTIC SYSTEM.
  - CARE SHALL BE TAKEN TO MAINTAIN THE SYSTEM TO OBSERVE SETBACK REQUIREMENTS FOR ANY FUTURE CONSTRUCTION. CONTRACTOR AND OWNER ARE RESPONSIBLE FOR METHODS AND MEANS OF CONSTRUCTION INCLUDING SITE SAFETY, REGULATORY COMPLIANCE, EROSION CONTROL, AND OTHER LOCAL, STATE AND FEDERAL REQUIREMENTS. BY COMMENCING WORK, CONTRACTOR ACKNOWLEDGES THAT THE CONTRACTOR AND ALL SUBCONTRACTORS HAVE THOROUGHLY REVIEWED THE DESIGN DRAWINGS, SPECIFICATIONS AND OTHER CONSTRUCTION DOCUMENTS AND FOUND THEM COMPLETE AND SUFFICIENT FOR THEIR PURPOSES AND THE CONTRACTOR ACKNOWLEDGE THAT IT IS SUFFICIENTLY SKILLED AND EXPERIENCED IN THIS TYPE OF CONSTRUCTION.
  - THIS PLAN WAS CREATED FOR THE PURPOSE OF COMPLETING THE CONTRACTED SCOPE OF WORK AND IS NOT TO BE USED FOR OTHER PURPOSES. THESE PLANS ARE LIMITED BY CONTRACTED SCOPE OF WORK AND IDENTIFIED REQUIREMENTS IN PLACE AT TIME OF COMPLETING CONTRACTED SCOPE. PROJECT GOAL WAS TO MEET OWNER IDENTIFIED REQUIREMENTS AT LEAST COST. OWNER IS RESPONSIBLE FOR ENSURING THAT ALL PERMITS ARE IN PLACE PRIOR TO CONSTRUCTION AND CONSTRUCTING THE PROJECT ACCORDING TO PLAN AND PERMITS. REGULATORY JURISDICTIONS AND ISSUES OUTSIDE THE CONTRACTED SCOPE OF SERVICES MAY APPLY.
  - THE PROPERTY LINES, EASEMENTS, AND OTHER REAL PROPERTY SHOWN ON THESE PLANS ARE FOR THE USE OF THE REGULATORS ONLY. THEY DO NOT DEFINE LEGAL RIGHTS OR MEET LEGAL REQUIREMENTS FOR A LAND SURVEY AS DESCRIBED STATUTE AND SHALL NOT BE USED IN LIEU OF A SURVEY OR THE BASIS OF ANY LAND TRANSFER OR ESTABLISHMENT OF ANY PROPERTY RIGHT. THIS MAP IS NOT A SURVEY.
- WETLAND DISTRICT ECOLOGIST COURAGE VISITED THE SITE 5/9/2022 AND CONCURRED WITH THE CLASS 2 WETLAND CONDITIONS.



**Bannon ENGINEERING**

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- CIVIL - ENVIRONMENTAL - DESIGN - PLANNING -  
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OWNER: VIRGINIA NICHOLSON  
PROJECT: SEWERAGE DISPOSAL SYSTEM  
LOCATION: 1326 POST OFFICE HILL RD, GRANVILLE, VT

STATE OF VERMONT  
MARK C. BANNON  
NO. 6886  
LICENSED DESIGNER

