

## PRIM/REP AREA

### SOIL TEST RESULTS

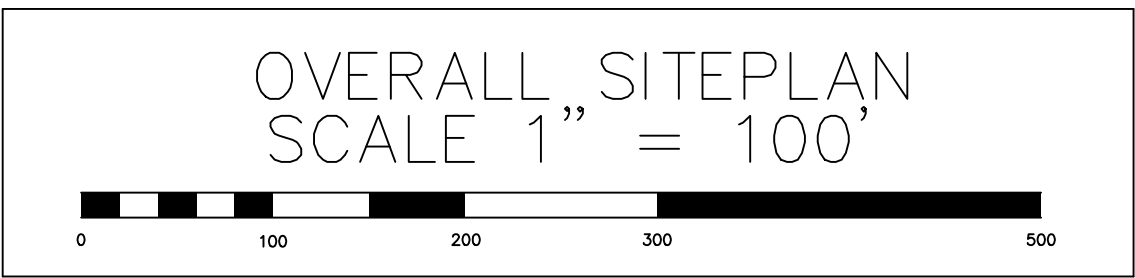
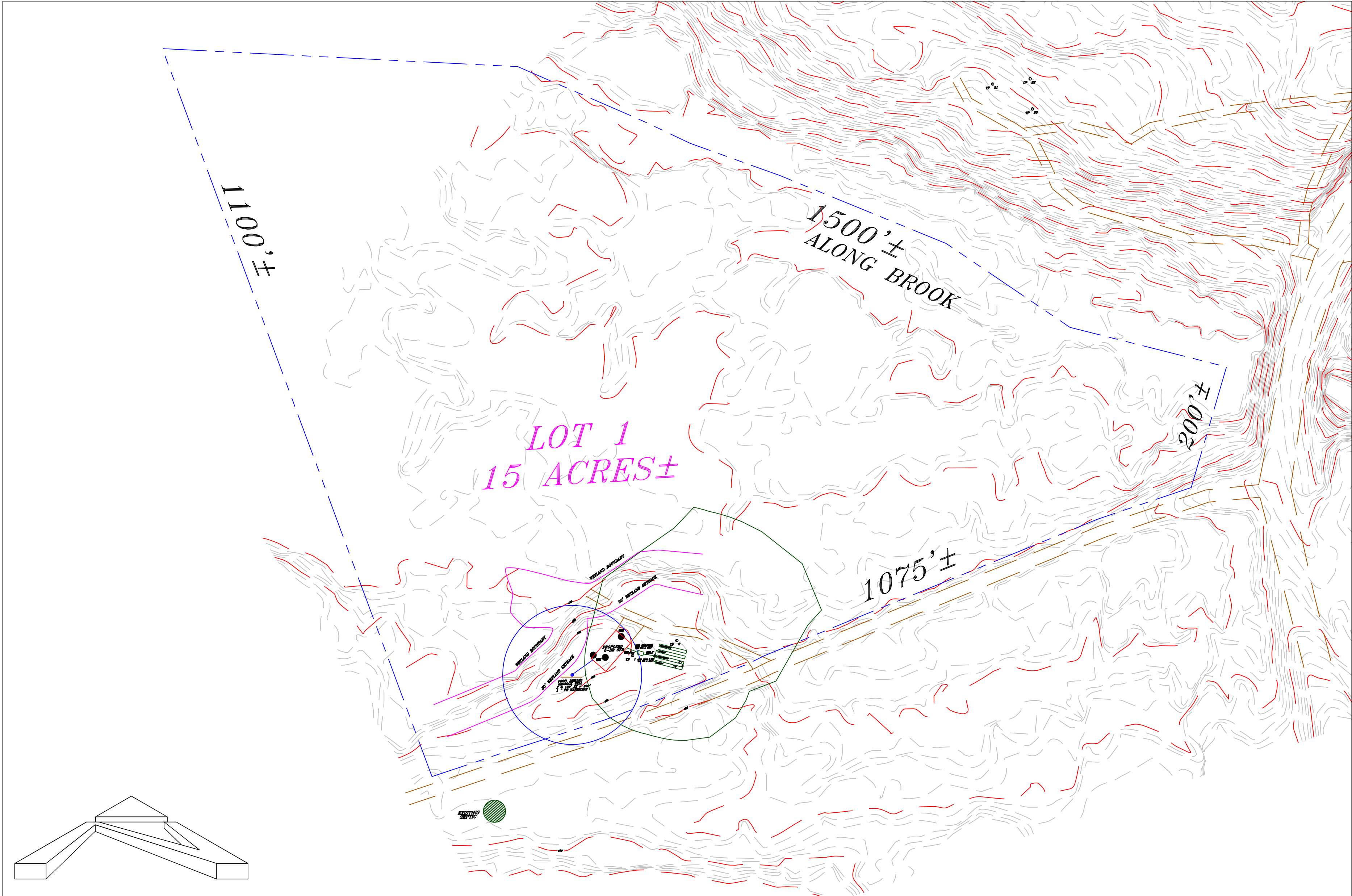
TEST PIT #1 DEPTH TO S.H.W.T. NONE TO 88"  
TEST PIT #2 DEPTH TO S.H.W.T. NONE TO 88"  
TEST PIT #3 DEPTH TO S.H.W.T. NONE TO 91"

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

DESIGN FLOW = 560 GPD  
LOAMY 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 MANUFACTURER'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