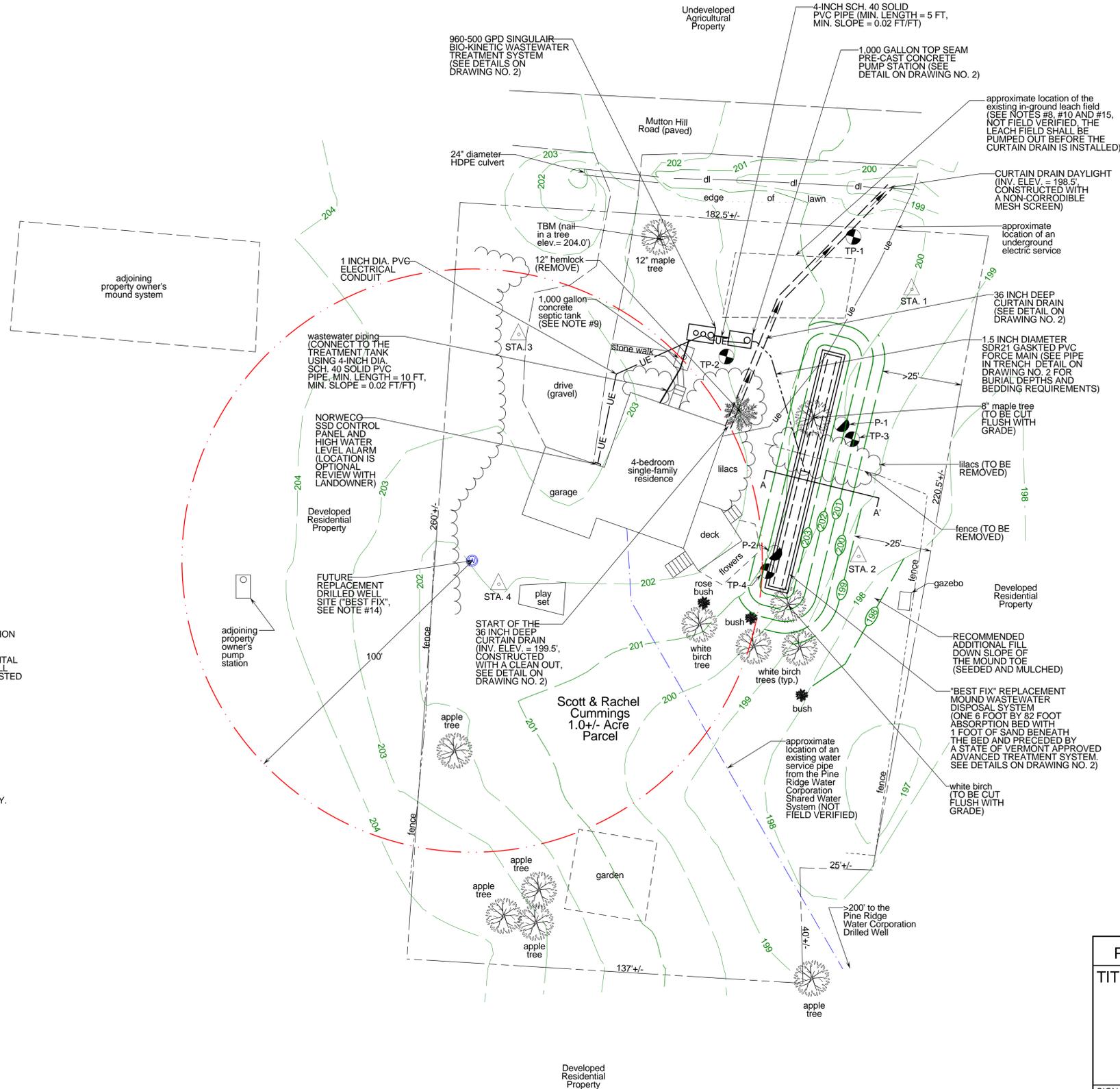




Project Location Map
Not to Scale

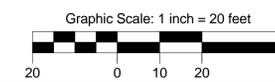
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4. FOR CLARITY, TEXT IDENTIFYING EXISTING ITEMS ARE LOWER CASE, AND TEXT IDENTIFYING PROPOSED ITEMS ARE UPPER CASE.
5. THE REPLACEMENT MOUND-TYPE WASTEWATER DISPOSAL SYSTEM IS CONSIDERED A "BEST FIX" AND HAS BEEN DESIGNED IN REASONABLE CONFORMANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, "WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES."
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 - 6A. DURING ELEVATED GROUNDWATER PERIODS AND HEAVY WATER USAGE, THE GROUND CONDITIONS IN THE VICINITY OF THE "BEST FIX" REPLACEMENT MOUND SYSTEM MAY BE WET AROUND THE TOES OF THE MOUND.
 - 6B. BASED ON EXISTING SITE AND SOIL CONDITIONS, THE PROPOSED "BEST FIX" REPLACEMENT AREA IS THE MOST SUITABLE REPLACEMENT WASTEWATER OPTION FOR THE SITE. THE PROPOSED "BEST FIX" REPLACEMENT SYSTEM PROVIDES A SUBSTANTIALLY BETTER PROTECTION TO THE ENVIRONMENT AND HUMAN HEALTH THAN THE PREVIOUS IN-GROUND WASTEWATER SYSTEM.
 - 6C. BY MAINTAINING 1 FOOT OF SAND BENEATH THE ABSORPTION BED AND 4 ON 1 MOUND GRADING THIS WILL PROVIDE ADDITIONAL BASAL AREA AND THEREFORE INCREASED SAND HEIGHT GREATER THAN PROPOSED 1 FOOT IS NOT NECESSARY.
7. BASED ON VERBAL INFORMATION PROVIDED BY THE LANDOWNER, THE EXISTING STRUCTURE CONTAINED 4-BEDROOMS PRIOR TO JANUARY 1, 2007.
8. THE LOCATION OF THE EXISTING WASTEWATER SYSTEM IS CONSIDERED APPROXIMATE AND WAS NOT FIELD VERIFIED.
9. THE EXISTING 1,000 GALLON CONCRETE SEPTIC TANK WILL NEED TO BE PUMPED OUT, REMOVED AND/OR COLLAPSED AND THE TANK CAVITY SHALL BE FILLED WITH A SAND AND GRAVEL. THE SAND AND GRAVEL FILL SHALL BE COMPACTED TO MITIGATE SETTLING. IF THE EXISTING TANK IS REMOVED, IT SHALL BE PROPERLY DISPOSED OF AT A CERTIFIED LINED LANDFILL.
10. TO PROHIBIT THE MIGRATION OF WASTEWATER CONTAMINANTS FROM THE NEW CURTAIN DRAIN, CONTAMINATED SOIL ENCOUNTERED DURING THE INSTALLATION OF THE CURTAIN DRAIN SHALL BE REMOVED AND USED AS MOUND FILL COVER MATERIAL. ANY CONTAMINATED SOIL THAT CAN NOT BE REUSED ON-SITE SHALL BE PROPERLY DISPOSED OF AT A CERTIFIED LINED LANDFILL. WASTEWATER PIPING ENCOUNTERED DURING INSTALLATION OF THE REPLACEMENT MOUND SYSTEM SHALL BE CUT AND CAPPED.
11. THE CONTRACTOR SHALL NOTIFY THE DIG SAFE NETWORK AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
12. ALL EXCAVATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STATE OF VERMONT, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (VOSHA) GUIDELINES FOR TRENCH EXCAVATIONS.
13. TO DIVERT WATER AWAY FROM THE REPLACEMENT MOUND SYSTEM, IT IS RECOMMENDED THAT GUTTERS BE INSTALLED ON THE NORTH SIDE OF THE ROOF AND THE GUTTERS SHOULD DAYLIGHT INTO THE ROAD DITCH.
14. THE DESIGNER SHALL BE NOTIFIED PRIOR TO DRILLING THE REPLACEMENT WELL AND THE WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT MAY NEED TO BE UPDATED/AMENDED TO REFLECT THE NEW DRILLED WELL. THE REPLACEMENT DRILLED WELL SITE IS CONSIDERED A "BEST FIX" AND THEREFORE SHALL BE AT LEAST 100 FEET FROM ALL ON-SITE AND OFF-SITE WASTEWATER DISPOSAL SYSTEMS. FOR THIS REASON, A 100 FOOT WELL ISOLATION SHIELD IS SHOWN FOR THE REPLACEMENT WELL SITE.
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LEGEND

	Boundary Line/ROW
	Edge of Road (surface labeled)
	Edge of Drive (surface labeled)
	1 Foot Ground Surface Contour
	Finish Grade
	Gravity Sewer
	1-Inch Diameter PVC Electrical Conduit
	1-Inch Diameter Polyethylene Plastic Water Line
	Well Isolation
	Wastewater Isolation
	Tree Line
	Utility Pole
	Traverse Station
	Temporary Bench Mark (type and elevation noted)
	Test Pit (TP-01)
	Percolation Test (PT-01)



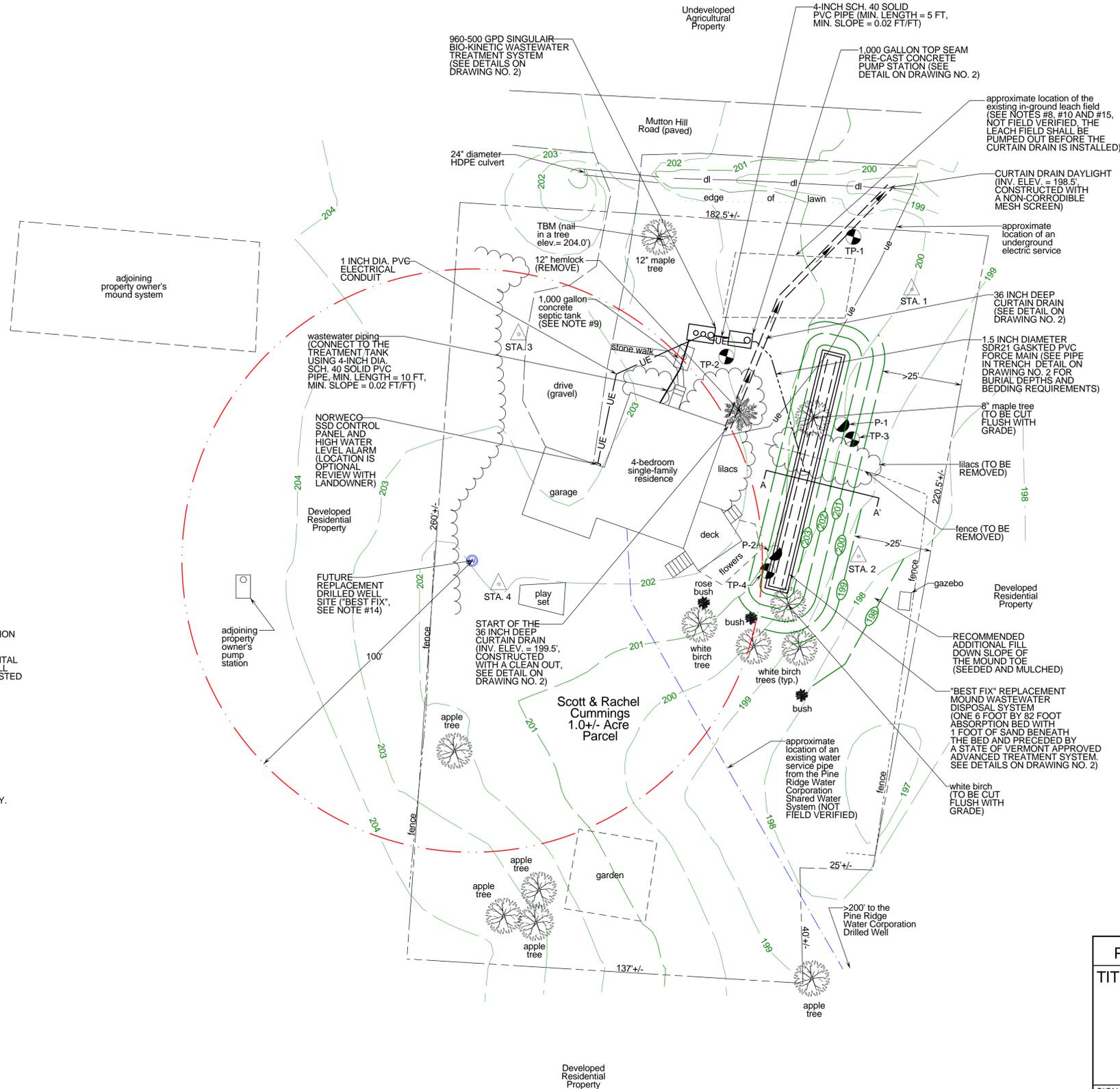
PERMITTING TITLE:	Jason Barnard Consulting, LLC 4400 VT Route 17 Starksboro, VT 05487 Telephone: (802) 453-2597 Fax number: (802) 453-8497 E-mail: jbsittech@hotmail.com	
	SITE PLAN	
SIGNATURE: 	SCOTT AND RACHEL CUMMINGS REPLACEMENT WASTEWATER DISPOSAL SYSTEM DESIGN 142 MUTTON HILL ROAD CHARLOTTE, VERMONT	
	DATE: MAY 24, 2012	REVISIONS: Curtain Drain Added 6-12-2012 Down Slope Fill Added 6-12-2012 Notes 10 & 14 Expanded 6-12-2012
DRAWN BY: MJ CHECKED BY: JB	Note 15 Added 6-12-2012	SHEET 1 OF 2



Project Location Map
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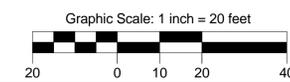
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	SCOTT AND RACHEL CUMMINGS REPLACEMENT WASTEWATER DISPOSAL SYSTEM DESIGN 142 MUTTON HILL ROAD CHARLOTTE, VERMONT	
SITE PLAN	DATE: MAY 24, 2012	DRAWING NO. 1
	SCALE: 1" = 20'	REVISIONS:
SIGNATURE: 	DRAWN BY: MJ	REVISIONS:
	CHECKED BY: JB	REVISIONS:
DATE: MAY 24, 2012 SCALE: 1" = 20' DRAWN BY: MJ CHECKED BY: JB		REVISIONS: Curtain Drain Added 6-12-2012 Down Slope Fill Added 6-12-2012 Notes 10 & 14 Expanded 6-12-2012 Note 15 Added 6-12-2012
JASON S. BARNARD LICENSED DESIGNER #430-B		SHEET 1 OF 2