

Scott Strode
Lots 21 & 22 Subdivision Amendment
Dugway Road, Richmond, VT



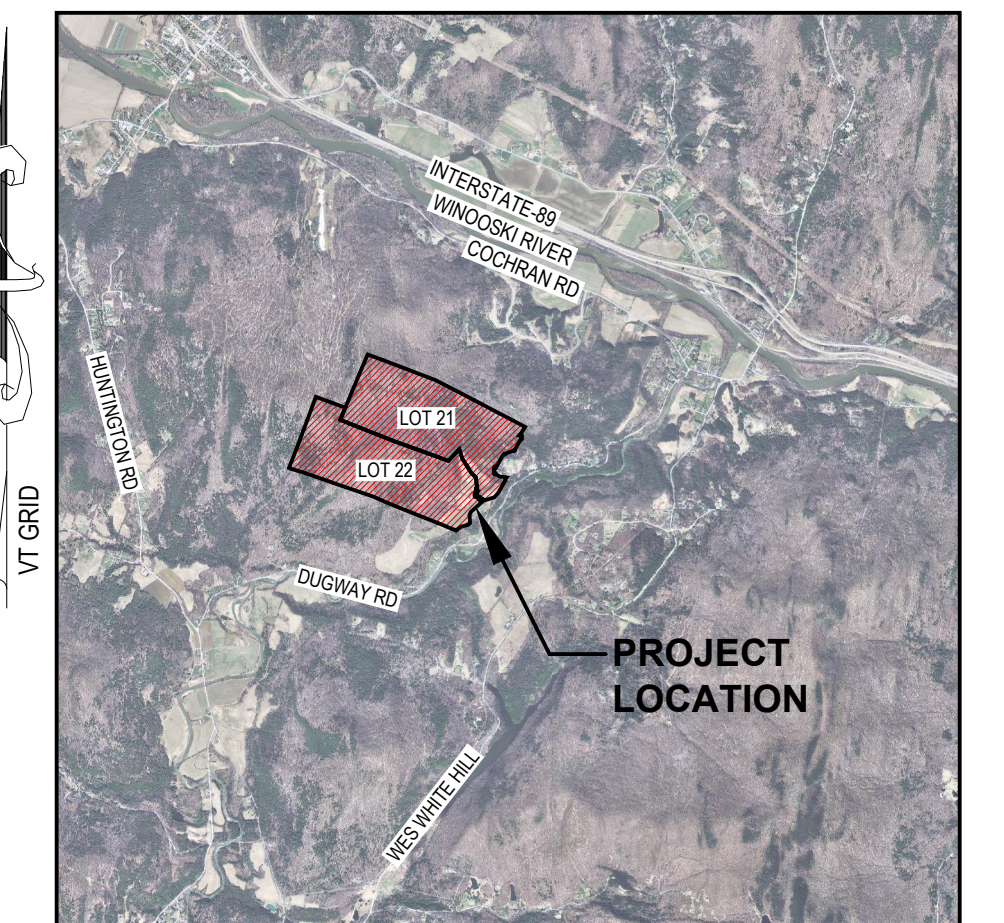
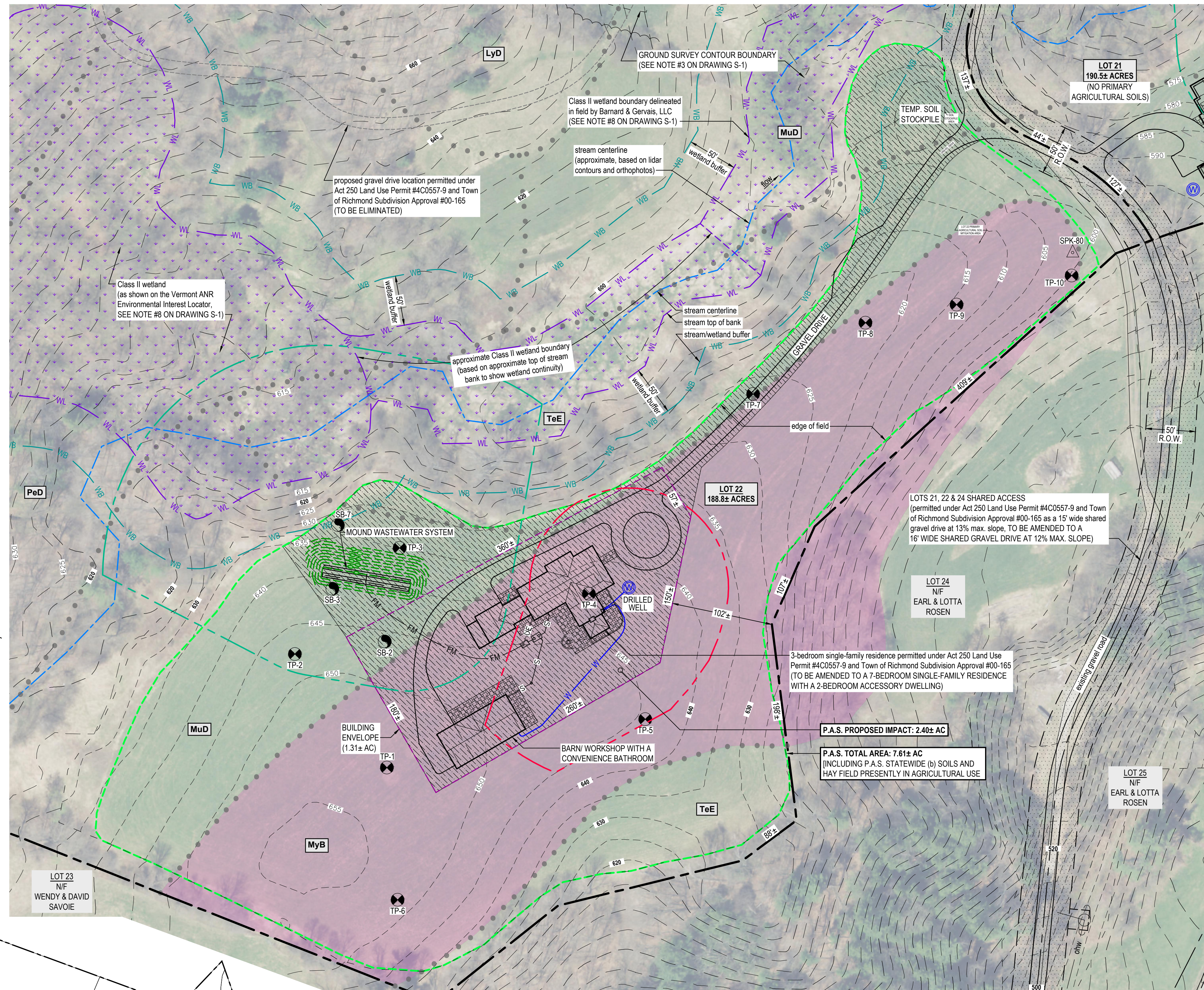
Soil Matrix: Please fill out the soil information for the entire parcel in the table below:
 *Note existing impacts as defined by Primary Agricultural Soils 10 VSA § 6001 (15).
 Lot 21 does not contain Primary Agricultural Soils as defined by 10 VSA § 6001 (15).
 This Soil Matrix includes soils for Lot 22 only:

Key	Soil Type	Ag Value	Total Area Including Existing Impacts (Acres)	Existing Impacts (Acres)	Proposed Impacts (Acres)
LyD	Lyman-Marlow complex, 5-30% very rocky	10	41.28	0.00	0.00
LyE	Lyman-Marlow complex, 30-80% very rocky	11	92.33	0.00	0.00
MuD	Munson and Belgrade Silt Loams, 12-25%	8d	11.03	0.00	0.78
MyB	Munson and Raynham Silt Loams, 2-6%	4d	5.09	0.00	1.22
PeD	Peru Fine Sandy Loam, 20-30%	8d	6.24	0.00	0.00
PsC	Peru Fine Sandy Loam, 0-20% very stony	11	12.46	0.00	0.00
PsE	Peru Fine Sandy Loam, 20-80% very stony	11	16.89	0.00	0.00
TeE	Terrace Escarpments, Silty and Clayey	11	3.52	0.00	0.40
TOTAL			188.84±	0.00	2.40±

NOTES:
 1. The Proposed Impacts listed above pertain to the 2.40± acres of total impact area within the 7.61± acres of Primary Agricultural Soils, including Statewide(b) MyB soils and surrounding MuD & TeE soils that are presently in agricultural use (see Primary Agricultural Soils Plan drawing AG-1).

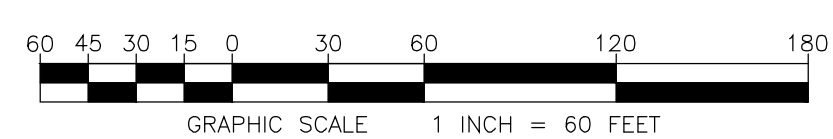
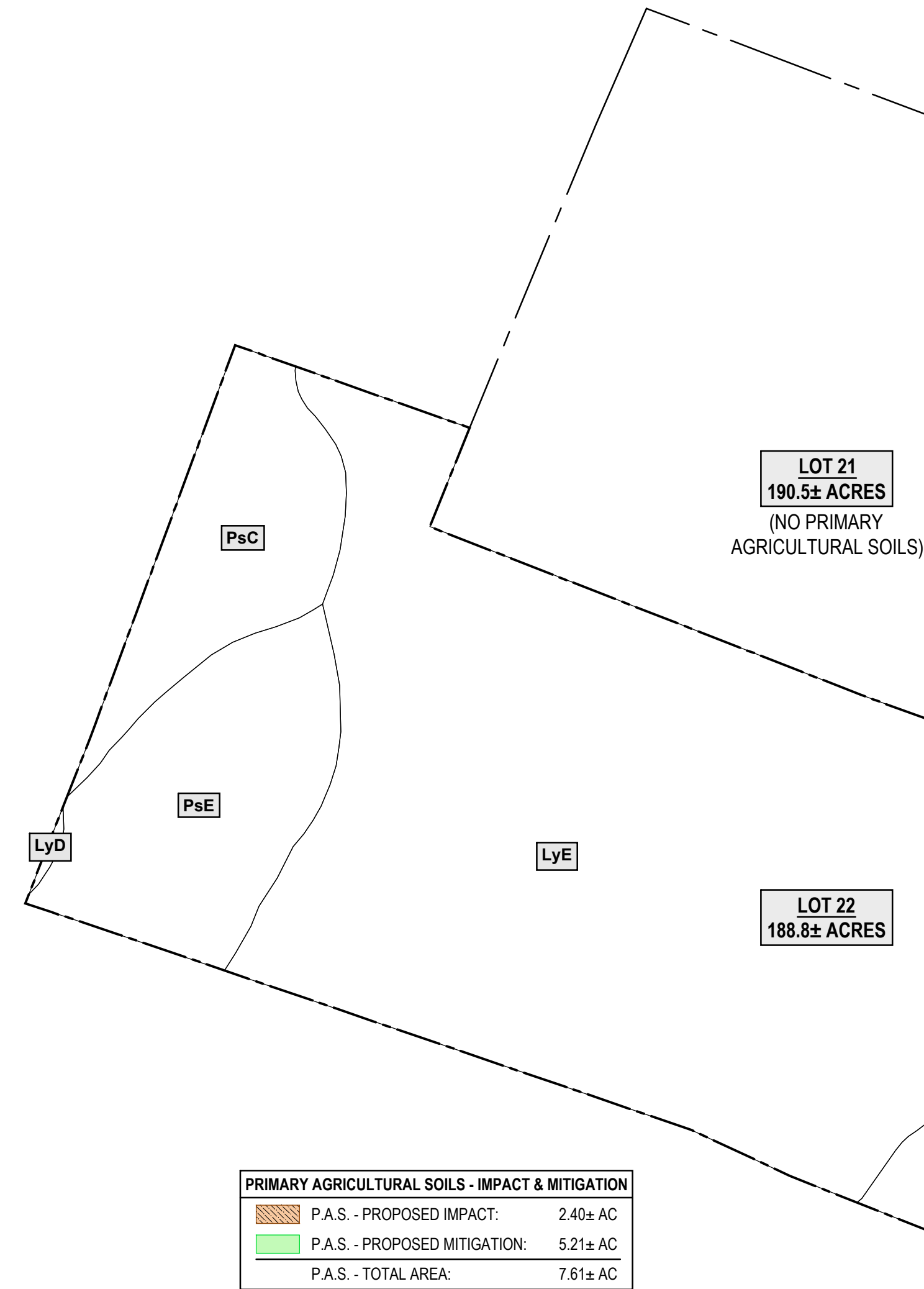
PRIMARY AGRICULTURAL SOILS - IMPACT & MITIGATION					
P.A.S. Soil	Ag Value	Proposed Impact (Acres)	Mitigation Multiplier	Mitigation Area Required (Acres)	Mitigation Area Provided (Acres)
MuD	8d	0.78 AC	*2.00	1.56 AC	0.98 AC
MyB	4d	1.22 AC	2.25	2.74 AC	3.48 AC
TeE	11	0.40 AC	*2.00	0.81 AC	0.75 AC
TOTAL		2.40 AC		5.11 AC	5.21 AC

* Note: MuD & TeE impacts are assigned a Mitigation Multiplier of 2.00 due to Ag Value >7 and existing agricultural use as a hay field.



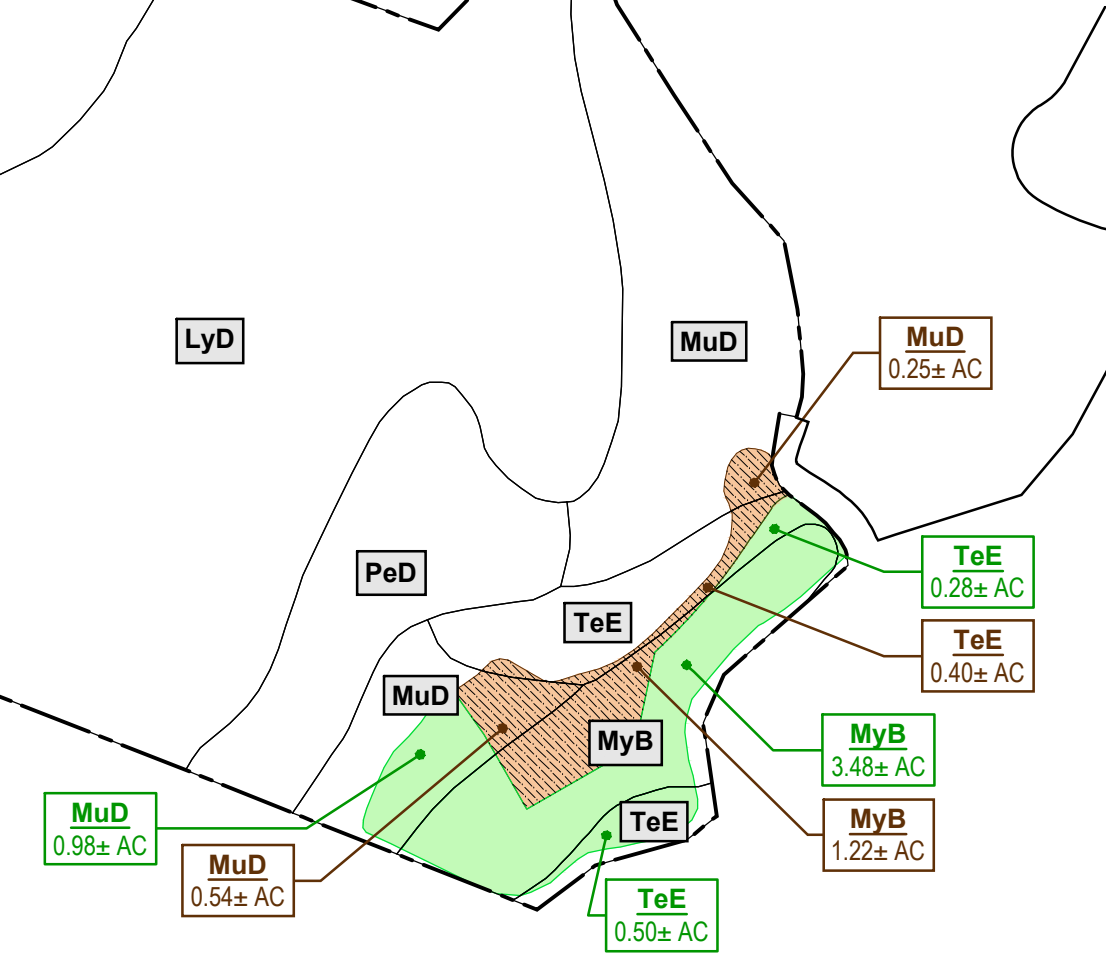
Project Location Map
 Not to Scale

LEGEND	
---	BOUNDARY LINE/ R.O.W. (SUBJECT PARCEL)
---	BOUNDARY LINE/ R.O.W. (ABUTTING PARCEL)
---	SIDELINE OF EASEMENT
---	EDGE OF ROAD/DRIVE (SURFACE NOTED)
---	5-FOOT LIDAR CONTOUR (OBTAINED FROM VCGI DATABASE)
---	5-FOOT GROUND SURVEY CONTOUR
---	100
---	100
---	FINISH GRADE
---	BUILDING ENVELOPE
---	STONE WALL (EXISTING)
---	STREAM CENTERLINE
---	DITCHLINE
---	GRAVITY SEWER
---	FORCE MAIN
---	1-INCH DIAMETER CL200 POLYETHYLENE PLASTIC WATER LINE (UNLESS OTHERWISE NOTED)
---	WELL ISOLATION
---	WASTEWATER ISOLATION
---	WETLAND BOUNDARY
---	WETLAND BUFFER
---	UNDERGROUND ELECTRICAL
---	UTILITY POLE/ OVERHEAD WIRES
---	SURVEY TRAVERSE STATION
---	TEMPORARY BENCHMARK (TYPE AND ELEVATION NOTED)
---	TEST PIT (TP-01)
---	SOIL BORING (SB-01)
---	DRILLED WELL (UNLESS OTHERWISE NOTED)
---	PRIMARY AGRICULTURAL SOIL - PRIME
---	PRIMARY AGRICULTURAL SOIL - STATEWIDE
---	PRIMARY AGRICULTURAL SOIL - STATEWIDE (a)
---	PRIMARY AGRICULTURAL SOIL - STATEWIDE (b)
---	PRIMARY AGRICULTURAL SOIL - PROPOSED IMPACT
---	SOIL TYPE BOUNDARY
---	EDGE OF FIELD



PRIMARY AGRICULTURAL SOILS - IMPACT & MITIGATION	
---	P.A.S. - PROPOSED IMPACT: 2.40± AC
---	P.A.S. - PROPOSED MITIGATION: 5.21± AC
---	P.A.S. - TOTAL AREA: 7.61± AC

LOT 22 OVERALL SITE SOILS PLAN
 GRAPHIC SCALE 1 INCH = 400 FEET



SIGNATURE:

JASON S. BARNARD
 LICENSED DESIGNER #126179

DATE	DESCRIPTION	BY
REVISIONS		
BARNARD & GERVAIS, LLC Land Surveying, Water & Wastewater, Environmental Consulting		
167 Main Street, P.O. Box 820, Enoburg Falls, VT 05450 Telephone: (802) 833-5168		
10523 VT Route 116, P.O. Box 133, Hinesburg, VT 05461 Telephone: (802) 482-2597		
LOTS 21 & 22 SUBDIVISION AMENDMENT		
SCOTT STRODE		
DUGWAY ROAD, RICHMOND, VERMONT		
PRIMARY AGRICULTURAL SOILS PLAN		
THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW: <input type="checkbox"/> PRELIMINARY DRAFT <input checked="" type="checkbox"/> FINAL STATE REVIEW		
PROJECT NO. 21315	DATE: 12-12-2022	SURVEY: AW, OL
SCALE: 1" = 60'	DRAWN: SB	CHECKED: JB
		DRAWING NO. AG-1
		SHEET 1 OF 1