

EROSION CONTROL STANDARD NOTES

1. EXCAVATION, FILLING, GRADING, AND STRIPPING ACTIVITIES SHALL BE UNDERTAKEN IN SUCH A MANNER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY, AND WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC, AND OTHER NATURAL FEATURES OF THE SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS POSSIBLE.

2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE VEGETATION, TOPOGRAPHY, AND OTHER NATURAL FEATURES OF THE SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS POSSIBLE.

3. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION.

4. THE SHALLOWEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE PREPARATION AT ANY GIVEN TIME.

5. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL CONDITION.

6. MULCHING OR TEMPORARY VEGETATION SUITABLE TO THE SITE SHALL BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.

7. WHERE SLOPES ARE TO BE REVEGETATED IN AREAS EXPOSED BY SITE PREPARATION, THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF EROSION OR SEDIMENT MAY RESULT.

8. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY AFFECT THE FREE FLOW OF WATER BY ENCROACHING ON, BLOCKING OR RESTRICTING WATERCOURSES.

9. ALL FILL MATERIAL SHALL BE OF COMPOSITION SUITABLE FOR THE ULTIMATE USE OF THE FILL, FREE OF RUBBISH, AND CAREFULLY RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL, AND SOFT OR EASILY COMPRESSIBLE MATERIAL.

10. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT STRUCTURES, IT SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF STANDARD PROCTOR WITH PROPER MOISTURE CONTROL.

11. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH STOCKPILES, WHERE NECESSARY, SHALL BE SEDED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION.

12. PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT, HAZARDS, OR SLOPE INSTABILITY, AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.

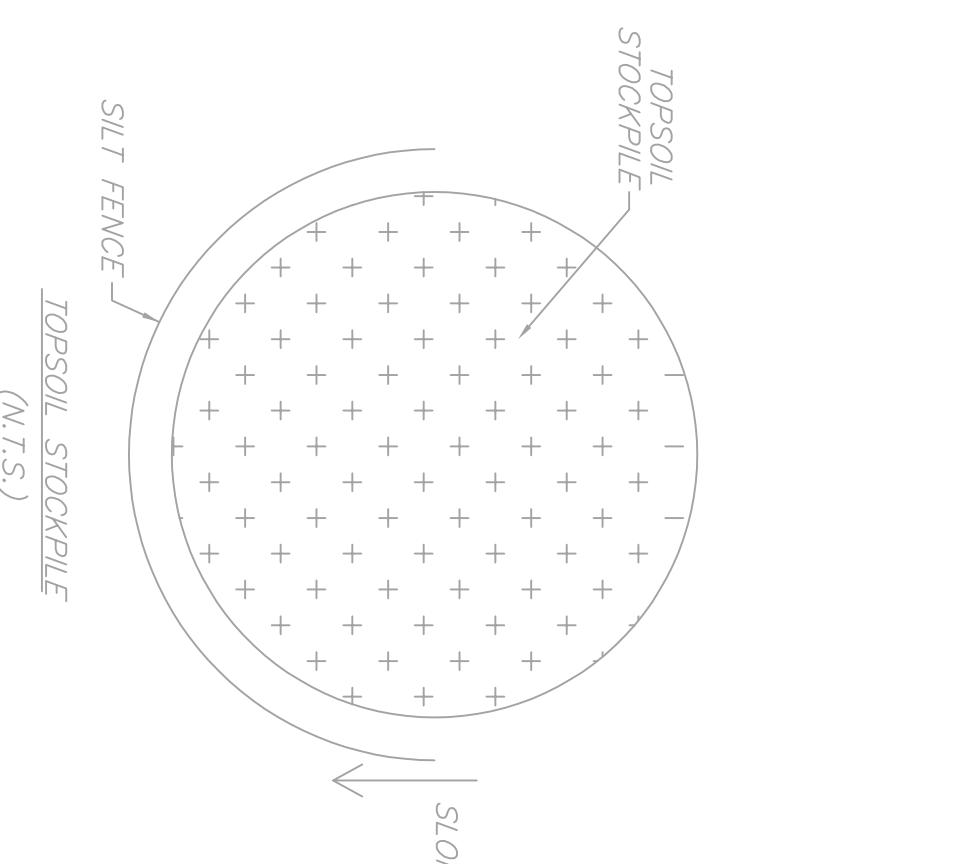
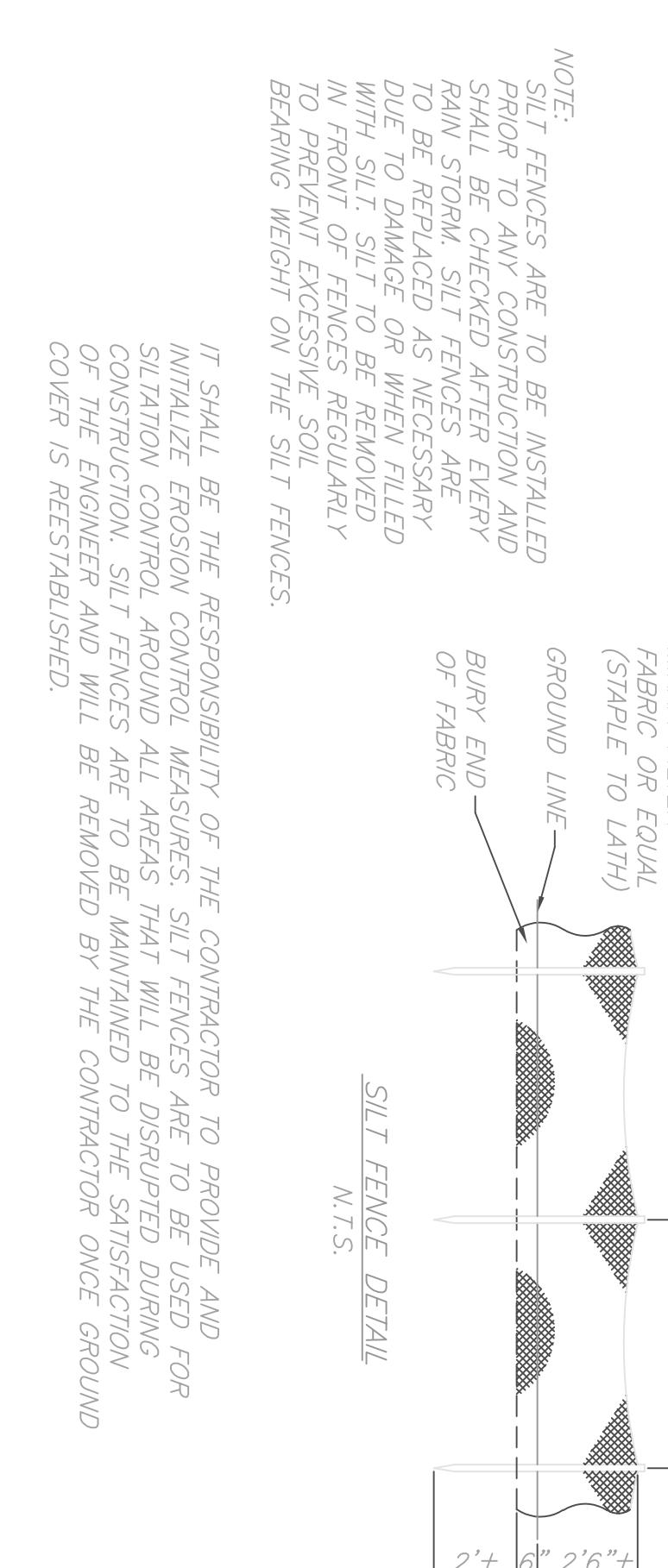
13. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPTING WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.

14. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE ADEQUATELY ANTIPODANT FLOWS, BOTH WITHIN THE SITE AND FROM UPSTREAM DRAINAGE BASIN.

15. SUFFICIENT GRADES AND DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND TO AVOID STAGNATION.

16. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENT SUCH MEASURES AS BENCHES, BERMS, TERRACES, DIVERSIONS, AND OTHER EROSION OR SEDIMENT CONTROL DEVICES.

17. DRAINAGE SYSTEMS, PLAN TINGS, AND OTHER EROSION AND SEDIMENT AND RETENTION BASINS, AS FREQUENTLY AS NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND SEDIMENT, SHALL BE MAINTAINED OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.



PLANNING BOARD ENDORSEMENT

4/3/24 ADDED PER TOWN

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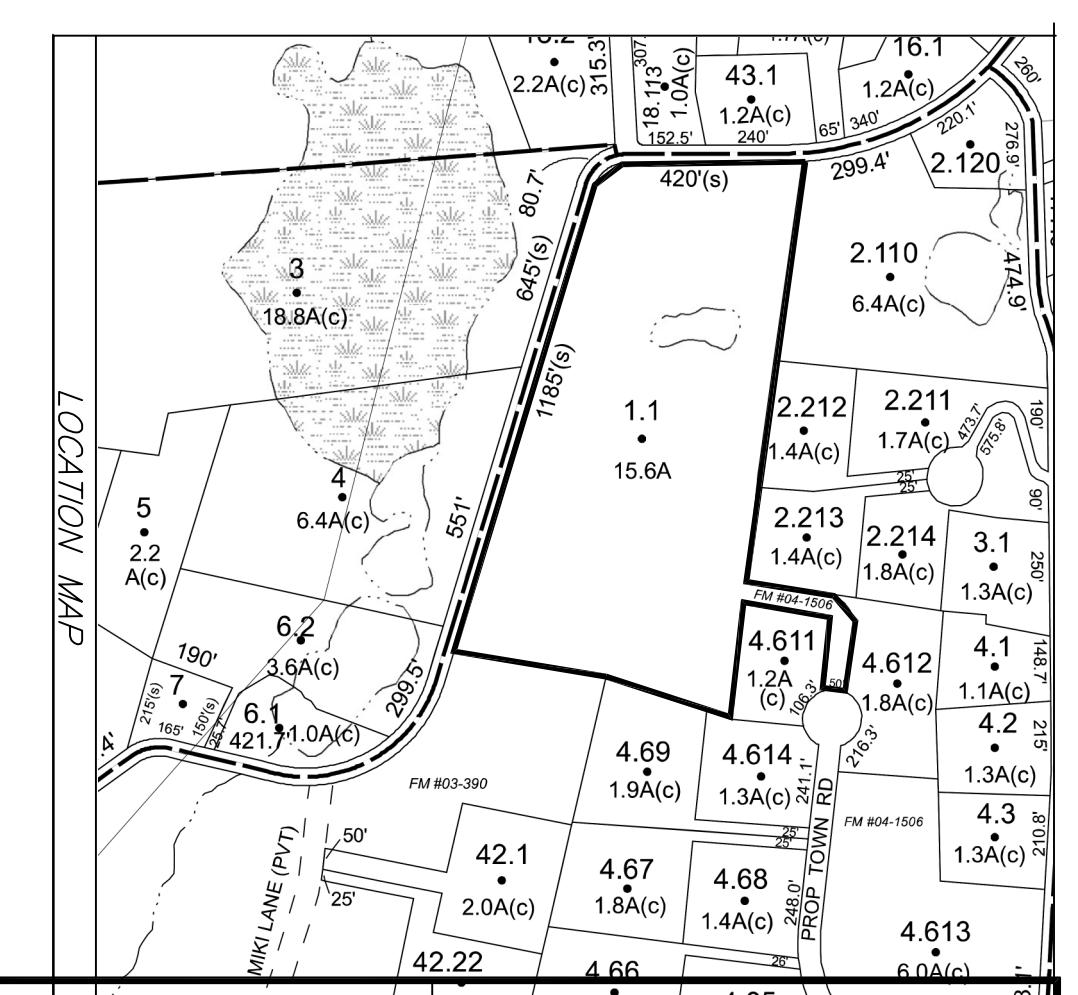
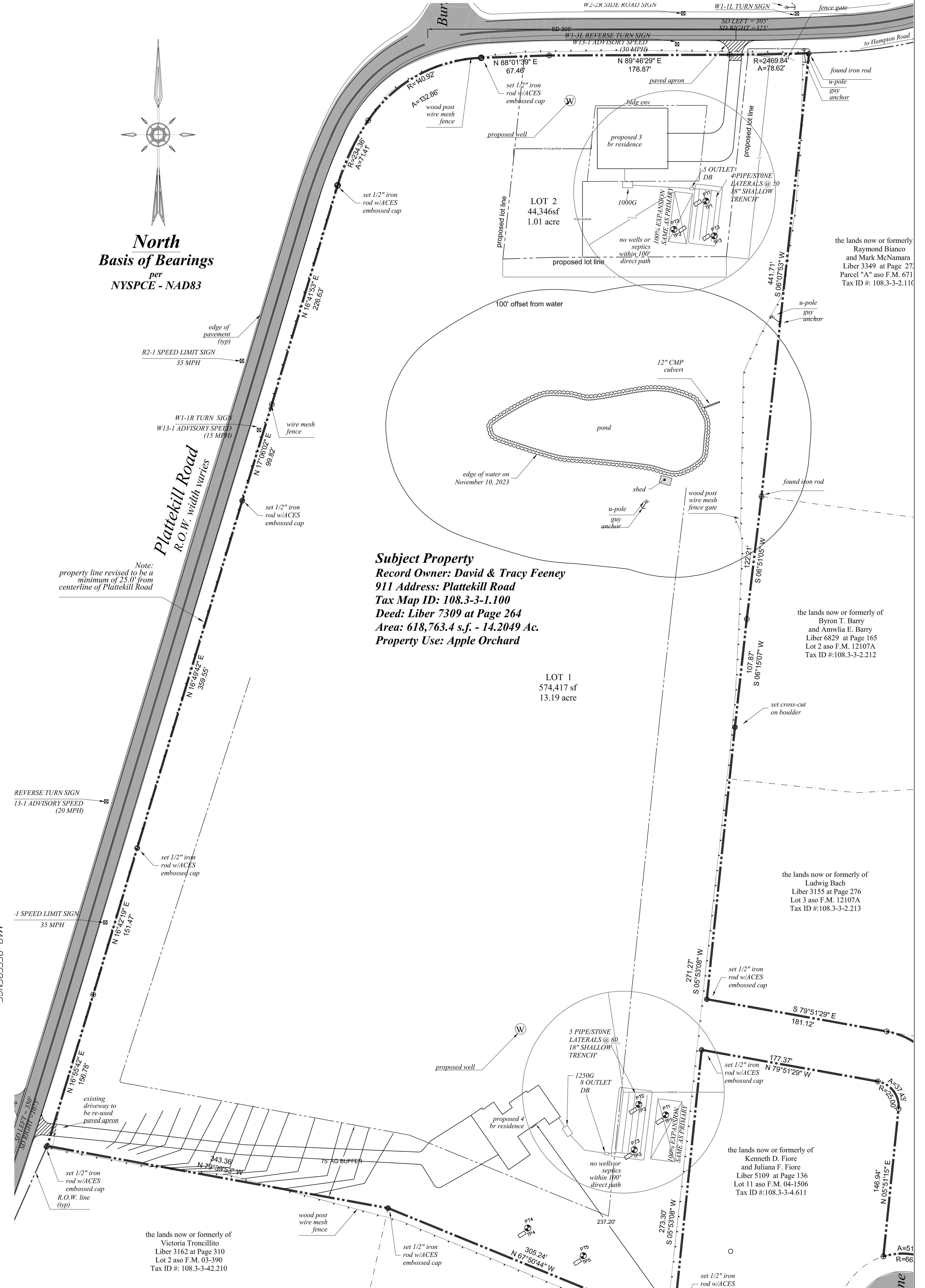
FEENEY 2 LOT SUBDIVISION

PLATTEKILL RD 108.3-3-1.100

TOWN OF MARLBOROUGH, ULSTER COUNTY, NY

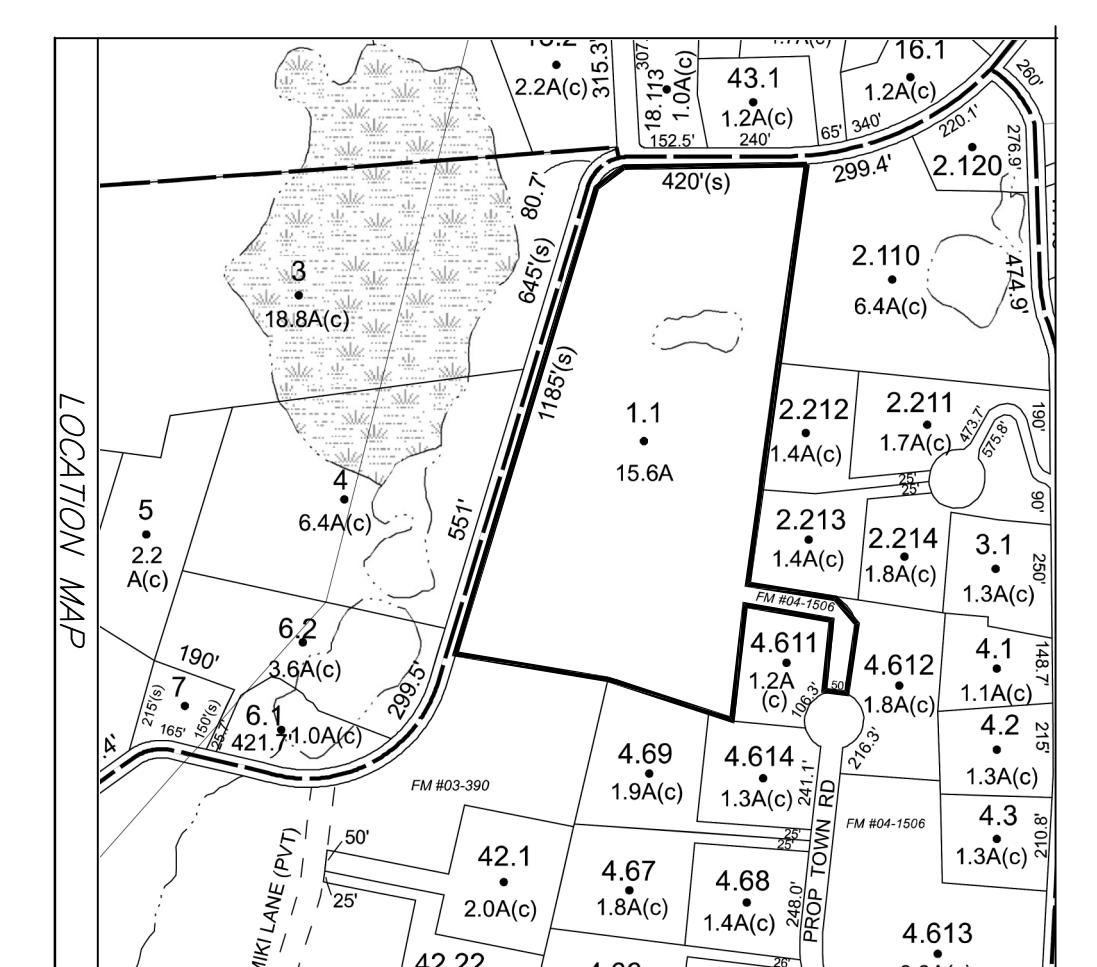
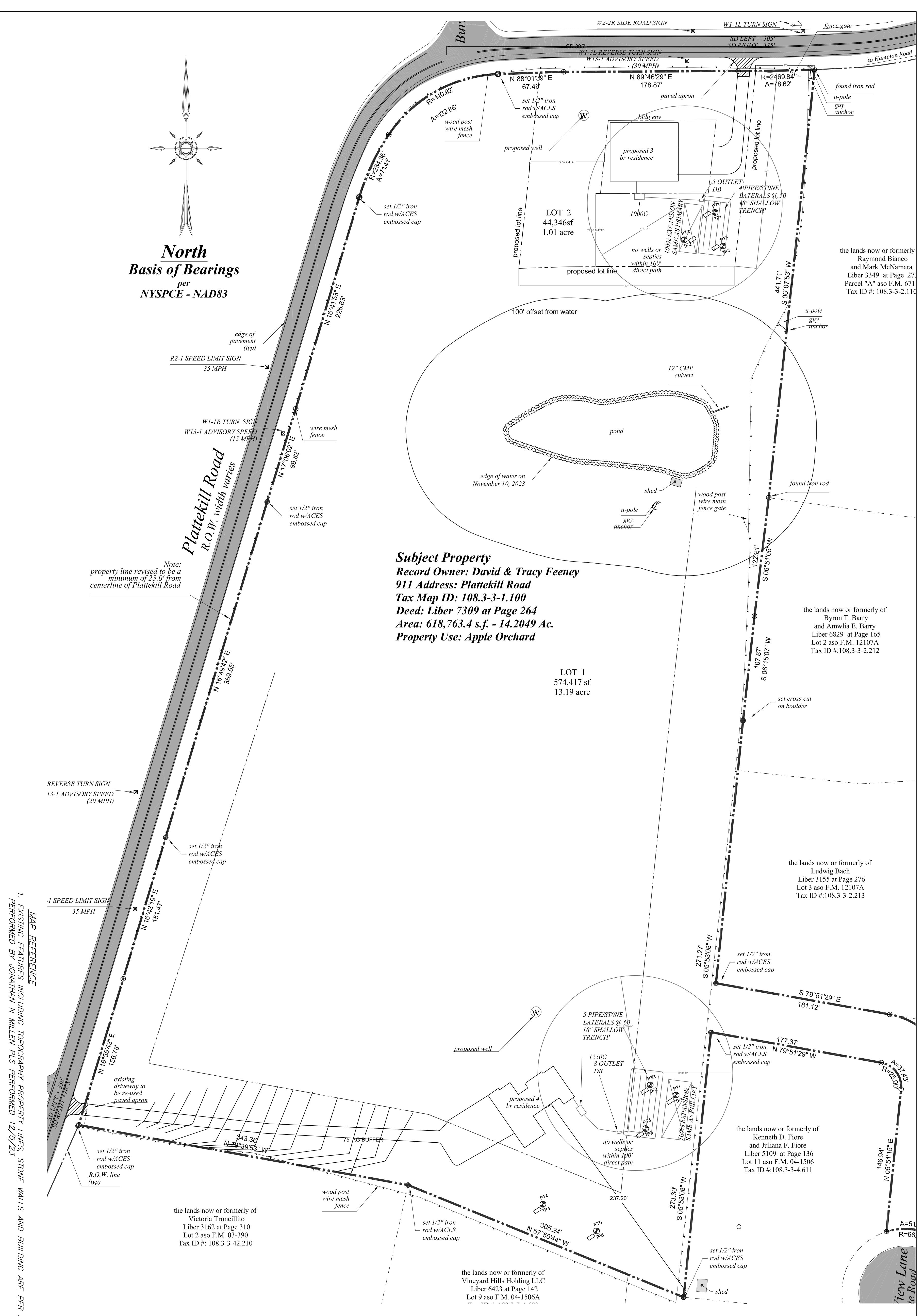
David Feeney, P.E.
20 Attn: D. Newburgh, NY
Phone: 845 - 590 - 5543
feeneyengineering@gmail.com

North
Basis of Bearings
per
NYS PCE - NAD83



FEENEY 2 LOT SUBDIVISION
LOT 1
PLATTEKILL RD
108.3-3-1.100
TOWN OF MARLBOROUGH, ULSTER COUNTY, NY

SHEET TITLE SDS SHEET SHEET NUMBER 10 f2 PROJECT # 2023-64	2/26/24 DOH COMMENT 2/9/24 INIT SUBMISSION Plots are not valid unless signed and sealed by Engineer. Plots are not to be reproduced or distributed without the written consent of this plan or elevation of the NYS Education Law, section 7-209(2). This drawing is the property of Feeney Engineering and is not to be reproduced or copied in whole or in part. It is only to be used by the customer for which it was designed and is not to be used by anyone without written permission.
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FEENEY 2 LOT SUBDIVISION
LOT 2
PLATTEKILL RD
108.3-3-1.100
TOWN OF MARLBOROUGH, ULSTER COUNTY, NY

2/9/24 INIT SUBMISSION

2/26/24 BOH COMMENT
2/9/24 INIT SUBMISSION

Plans are not valid unless signed

scale: 1"=50'

SHEET TITLE

SHEET NUMBER

SHEET NUMBER

DAVID THOMAS FEENEY, P.E.
NEW YORK STATE LICENSE No 08052

TEST PIT LOG AND DESIGN DATA

Test Pit No.	Depth	Description	Level	Ground Water Recharge (Depth)	Hole No.	Start Time	End Time	Stabilized Perf. Rate (Min)	Design Date (2012 Rev.)	Wastewater Handbooks
TP-1	0'-7"	OK Brown Topsoil	Motting @ 30°	(12")	0	03:05:55	10:45	No	4	
	7'-30"	Clayey Gravel/Lean						Exp. Flow Rate	110	
	30'-45"	Mother Clay						Flowing Rate	0	
TP-2	0'-7"	OK Brown Topsoil	Motting @ 30°	(12")	0	01:11:15	12:14	Whipped Tires	No	
	7'-30"	Clayey Gravel/Lean						Exp. Flow Rate	0	
	30'-45"	Mother Clay						Design Flow Rate	150mL	
TP-3	0'-7"	OK Brown Topsoil	Motting @ 30°	(12")	0	01:21:08	12:14	Lauren Rend	275	
	7'-30"	Clayey Gravel/Lean						Lauren Prod	300	
	30'-45"	Mother Clay						Tank Size	1250	
TP-4	0'-7"	OK Brown Topsoil	Motting @ 30°	(12")	0	01:41:17	13:45			
	7'-30"	Clayey Gravel/Lean								
TP-5	0'-7"	OK Brown Topsoil	Motting @ 30°	(12")	0	01:49:43	13:37			
	7'-30"	Mother Clay								
	30'-45"	Mother Clay								

SITE INVESTIGATION PERFORMED 2/07/24. JSI performed 2/07/24 with Chris Kresser UCDOH.

MINIMUM SEPARATION DISTANCES

NOTES:

1. No driveway or paved area may be constructed over effluent disposal area.
2. Diver surface runoff away from effluent disposal area.
3. All household wastes (laundry, sink, etc.) shall be discharged into sewage disposal system. Roof, floor, footing drains, and water softener back-wash must be excluded from sewage disposal system.
4. No sewage disposal system shall be located within 100 feet of the top of the bank of any water course or within 20 feet of any drainage ditch.
5. Sewage disposal system shall be constructed in the exact location shown on the site plan.
6. No garbage grinder will be installed.

7. Place pea gravel or crushed stone under precast concrete sections per plan. Tops of these sections are true to within 12 inches of finished grade.

8. Fence, seed, and mulch all disturbed areas as soon as possible to minimize erosion.

9. All distribution trenches shall be dug to a depth of approximately 18-24 inches (penetrating native soil by 6-8 inches in shallow trench systems). These trenches shall be spaced six feet on center.

Trenches shall be parallel to the original contours.

10. System is not to be installed in wet soils or during rainstorms.

11. Water shall be supplied from an individual well located as shown on the site plan and is to be constructed per NYS DOH APPENDIX "STANDARDS FOR WATER WELLS", LATEST EDITION.

12. Heavy equipment shall be kept off the effluent disposal area following installation of the sewage disposal system.

13. Prior to backfilling a construction inspection by the code compliance officer shall be conducted to determine that construction at the time of inspection was completed in general conformance with the approved plans (if applicable).

14. Upon completion a P.E. shall certify in writing that the proposed sewage disposal system was installed in accordance with the approved plan.

15. Speed levelers to be installed in D-Box to aid in even distribution.

16. Inspection and maintenance of system shall be in accordance with NYS Appendix 75-A.

17. Materials:

House to septic tank - 4" Sch. 40 PVC or CULDI slope 1/4" per foot. No bends greater than 45° and

clearouts shall be provided every 75' and at every 45° bend.

Septic tank to D-Box - 4" SDR 35, slope 1/8" per foot.

Laterals - 4" PVC schedule 30 or triple wall, solid pipe, slope 1/8" per foot.

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