



TOWN OF NORTH CASTLE

WESTCHESTER COUNTY
17 Bedford Road
Armonk, New York 10504-1898

RESIDENTIAL PROJECT
REVIEW COMMITTEE
Adam R. Kaufman AICP, Chair

Telephone: (914) 273-3000 x 43
Fax: (914) 273-3554
www.nortcastleny.com

RESIDENTIAL PROJECT REVIEW COMMITTEE (RPRC) APPLICATION

Section I- PROJECT

ADDRESS: 5 MEAD ROAD, ARMONK, NY 10504

Section III- DESCRIPTION OF WORK:

CONSTRUCTION OF SWIMMING POOL, PATIO, WALKWAY & ASSOCIATED DRAINAGE IMPROVEMENTS.

Section III- CONTACT INFORMATION:

APPLICANT: MICHAEL GOTT

ADDRESS: 5 MEAD ROAD, ARMONK, NY 10504

PHONE: _____ MOBILE: _____ EMAIL: _____

PROPERTY OWNER:
MICHAEL GOTT

ADDRESS: 5 MEAD ROAD, ARMONK, NY 10504

PHONE: _____ MOBILE: _____ EMAIL: _____

PROFESSIONAL.: JOSEPH F. RISOLI, P.E. - JOSEPH F. RISOLI, P.E. LLC

ADDRESS: 406 E PUTNAM AVE, COS COB, CT 06807

PHONE: 203 - 637 8036 MOBILE: _____

EMAIL: RISOLI@OPTONLINE.NET

Section IV- PROPERTY INFORMATION:

Zone: R-2A Tax ID (lot designation) MAP 102.03 BLOCK 1 LOT 35



**Town of North Castle
Residential Project Review Committee**

17 Bedford Road Armonk, New York 10504
(914) 273-3542 (914) 273-3554 (fax)

RPRC COMPLETENESS REVIEW FORM

This form represents the standard requirements for a completeness review for all Residential Project Review Committee submissions. Failure to provide all of the information requested will result in a determination that the application is incomplete.

Project Name on Plan: PROPOSED POOL

Initial Submittal Revised Preliminary

Street Location: 5 MEAD ROAD, ARMONK NY 10504

Zoning District: R-2A Property Acreage: 2.00 Tax Map Parcel ID: 102.3-1-35

Date: 05/04/2021

DEPARTMENTAL USE ONLY

Date Filed: _____ Staff Name: _____

Preliminary Plan Completeness Review Checklist

Items marked with a "☒" are complete, items left blank "☐" are incomplete and must be completed, "NA" means not applicable.

- 1. Plan prepared by a registered architect or professional engineer
- 2. Aerial photo (Google Earth) showing the applicant's entire property and adjacent properties and streets
- 3. Map showing the applicant's entire property and adjacent properties and streets
- 4. A locator map at a convenient scale
- 5. The proposed location, use and design of all buildings and structures
- 6. Existing topography and proposed grade elevations
- 7. Location of drives
- 8. Location of all existing and proposed site improvements, including drains, culverts, retaining walls and fences

RPRC COMPLETENESS REVIEW FORM

Page 2

- 9. Description of method of water supply and sewage disposal and location of such facilities
- 10. The name and address of the applicant, property owner(s) if other than the applicant and of the planner, engineer, architect, surveyor and/or other professionals engaged to work
- 11. Submission of a Zoning Conformance Table depicting the plan's compliance with the minimum requirements of the Zoning District
- 12. If a tree removal permit is being sought, submission of a plan depicting the location and graphical removal status of all Town-regulated trees within the proposed area of disturbance. In addition, the tree plan shall be accompanied by a tree inventory includes a unique ID number, the species, size, health condition and removal status of each tree.
- 13. If a wetlands permit is being sought, identification of the wetland and the 100-foot wetland buffer.

More information about the items required herein can be obtained from the North Castle Planning Department. A copy of the Town Code can be obtained from Town Clerk or on the North Castle homepage: <http://www.northcastleny.com/townhall.html>

_____ On this date, all items necessary for a technical review of the proposed site plan have been submitted and constitute a COMPLETE APPLICATION.



TOWN OF NORTH CASTLE
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PLANNING DEPARTMENT
Adam R. Kaufman, AICP
Director of Planning

Telephone: (914) 273-3542
Fax: (914) 273-3554
www.northcastleny.com

GROSS LAND COVERAGE CALCULATIONS WORKSHEET

Application Name or Identifying Title: PROPOSED POOL Date: _____

Tax Map Designation or Proposed Lot No.: 102.3-1-35

Gross Lot Coverage

1. Total lot Area (Net Lot Area for Lots Created After 12/13/06): 2.00
2. **Maximum** permitted gross land coverage (per Section 355-26.C(1)(b)): 10,122 SQ.FT.
3. **BONUS** maximum gross land cover (per Section 355-26.C(1)(b)):
Distance principal home is beyond minimum front yard setback
34.5 x 10 = 345 345
4. **TOTAL Maximum Permitted gross land coverage** = Sum of lines 2 and 3 10,467 SQ.FT
5. Amount of lot area covered by **principal building**:
3630 existing + 0 proposed = 3630
6. Amount of lot area covered by **accessory buildings**:
0 existing + 0 proposed = 0
7. Amount of lot area covered by **decks**:
0 existing + 0 proposed = 0
8. Amount of lot area covered by **porches**:
64 existing + 0 proposed = 64
9. Amount of lot area covered by **driveway, parking areas and walkways**:
3060 existing + 447 proposed = 3507
10. Amount of lot area covered by **terraces**:
648 existing + 1340 proposed = 1988
11. Amount of lot area covered by **tennis court, pool and mechanical equip**:
0 existing + 869 proposed = 869
12. Amount of lot area covered by **all other structures**:
0 existing + 0 proposed = 0
13. Proposed **gross land coverage**: Total of Lines 5 – 12 = 10,058 SQ.FT.

If Line 13 is less than or equal to Line 4, your proposal **complies** with the Town's maximum gross land coverage regulations and the project may proceed to the Residential Project Review Committee for review. If Line 13 is greater than Line 4 your proposal does not comply with the Town's regulations.

Signature and Seal of Professional Preparing Worksheet

Date

DEEP TEST PITS CONDUCTED BY JOSEPH F. RISOLI, P.E. LLC, ON MARCH 10, 2021.

TEST HOLE #1	DEPTH = 86"
0-86" MEDIUM BROWN SANDY LOAM	
NO MOTTLING	
NO WATER	
NO LEDGE	

TEST HOLE #2	DEPTH = 62"
0-62" MEDIUM BROWN SANDY LOAM	
NO MOTTLING	
NO WATER	
NO LEDGE	

TEST HOLE #3	DEPTH = 55"
0-55" MEDIUM BROWN SANDY LOAM	
NO MOTTLING	
NO WATER	
55" LEDGE	

TEST HOLE #4	DEPTH = 28"
0-28" MEDIUM BROWN SANDY LOAM	
NO MOTTLING	
NO WATER	
28" LEDGE	

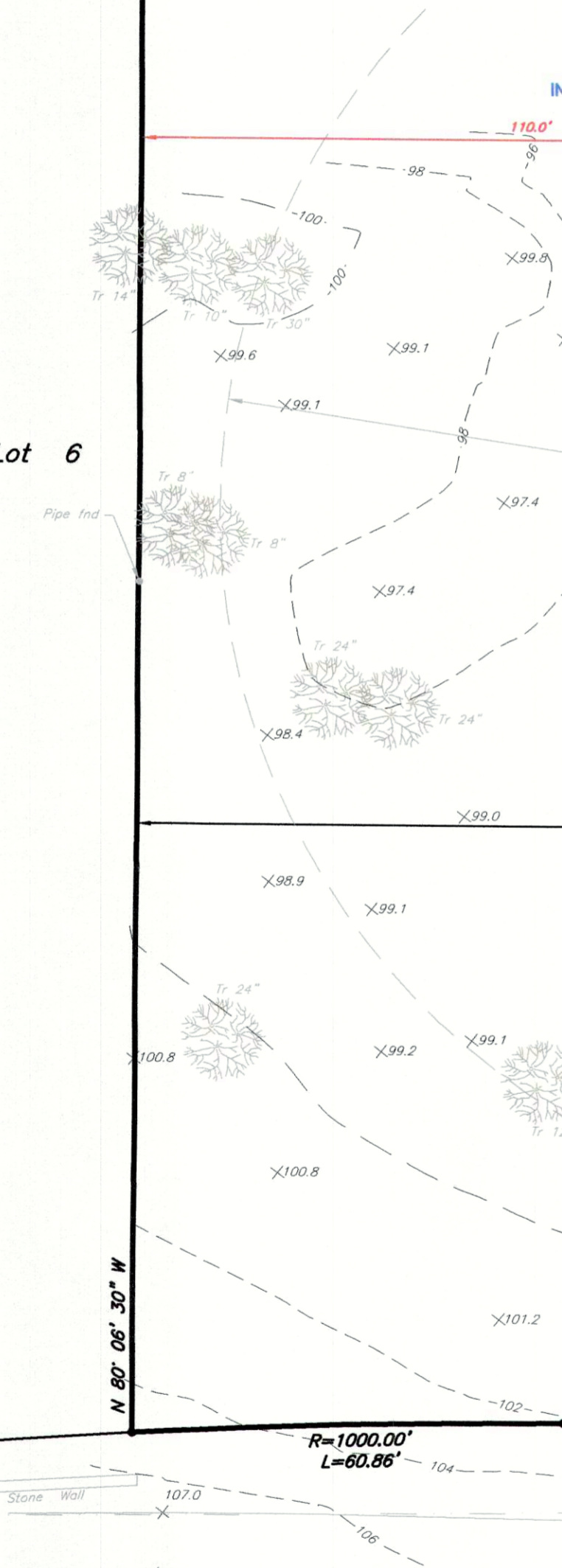
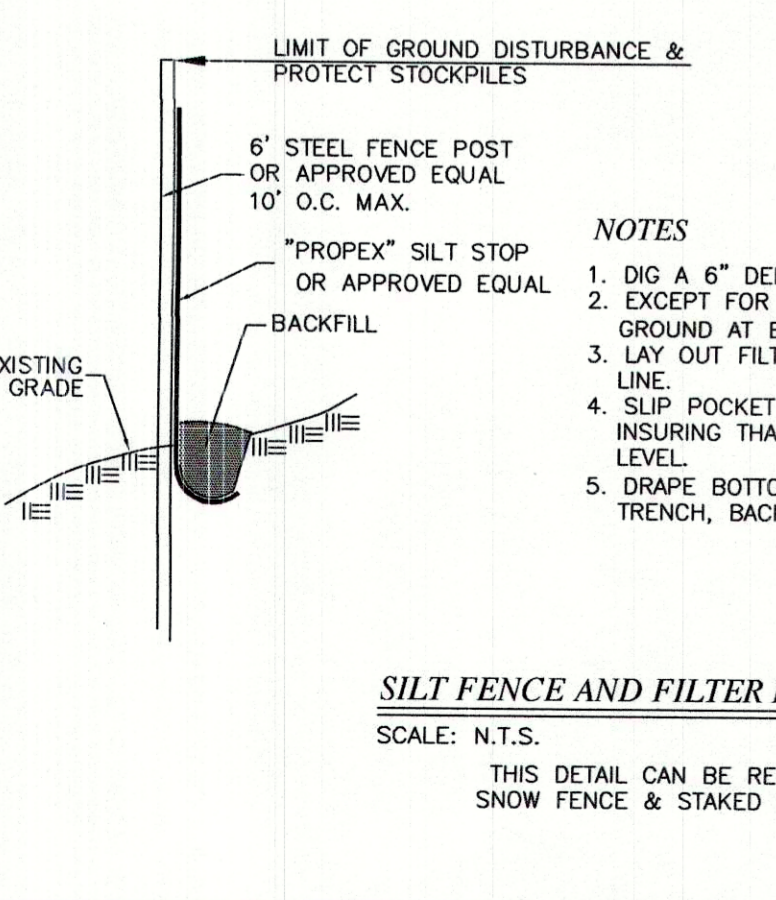
TEST HOLE #5	DEPTH = 54"
0-54" DARK BROWN SANDY LOAM W SOME SMALL STNS	
NO MOTTLING	
48" WATER	
54" LEDGE	

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209(2), FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY, IF ANY ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED. THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

PERC RATIOS
 PERC 1: 10.8 MIN/INCH
 PERC 2: 20.0 MIN/INCH

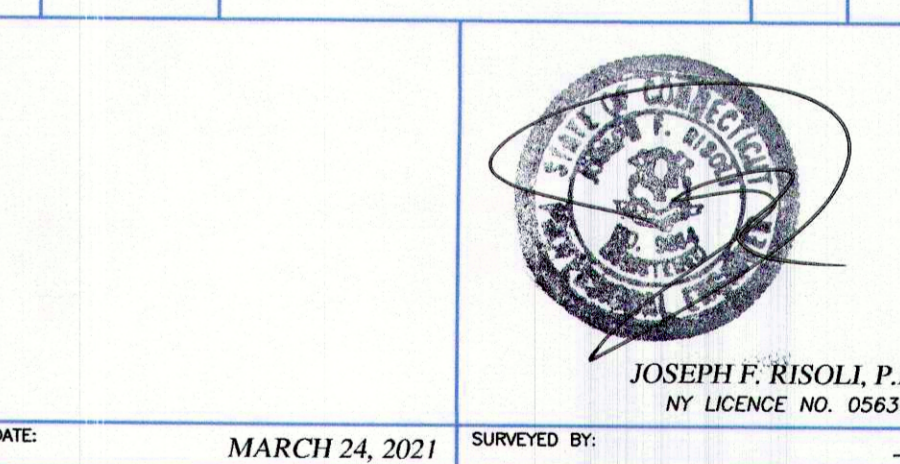
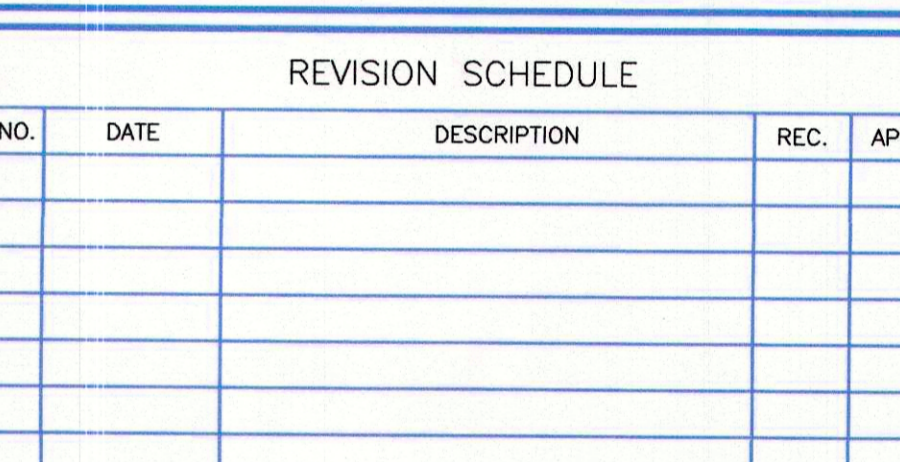
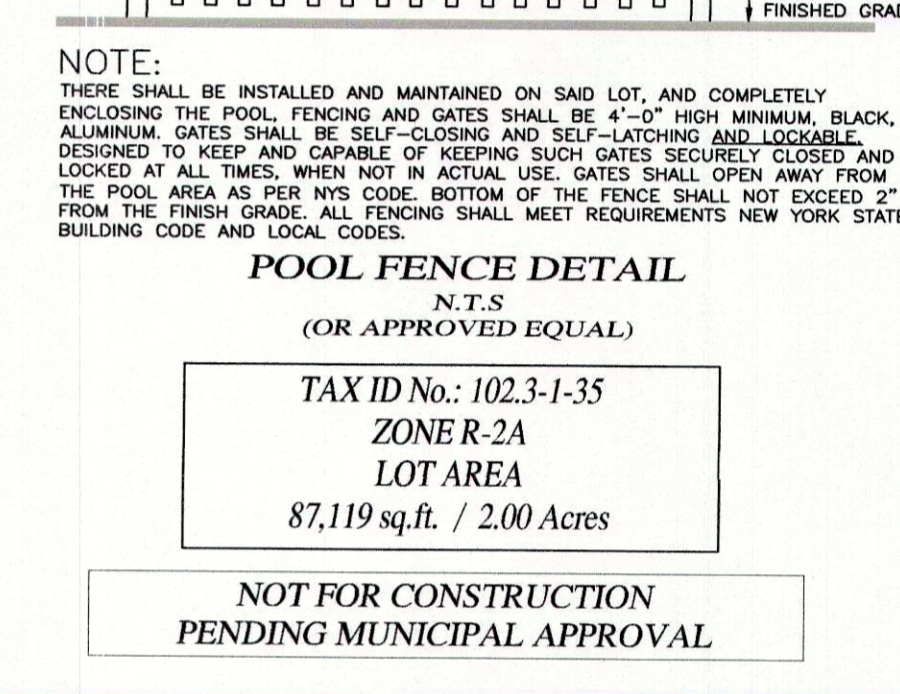
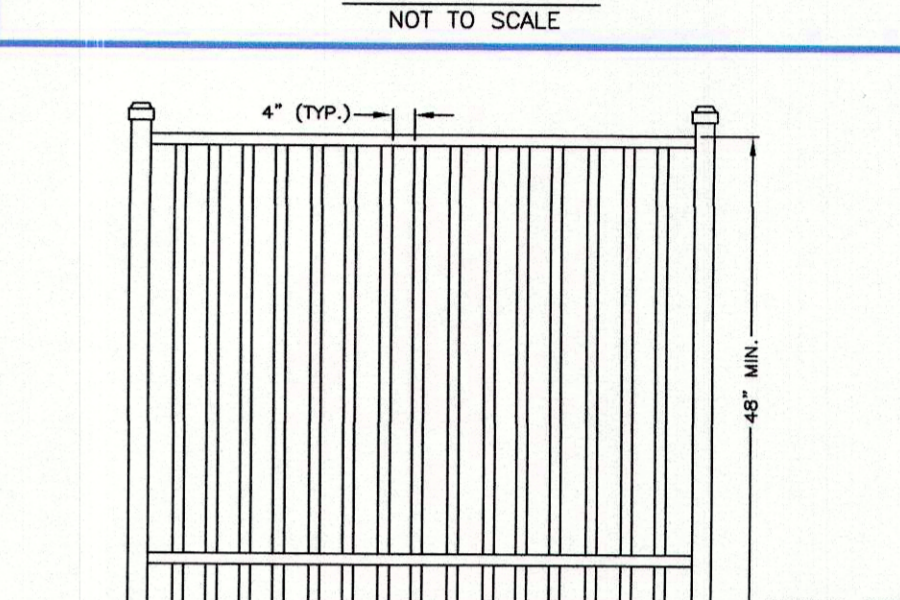
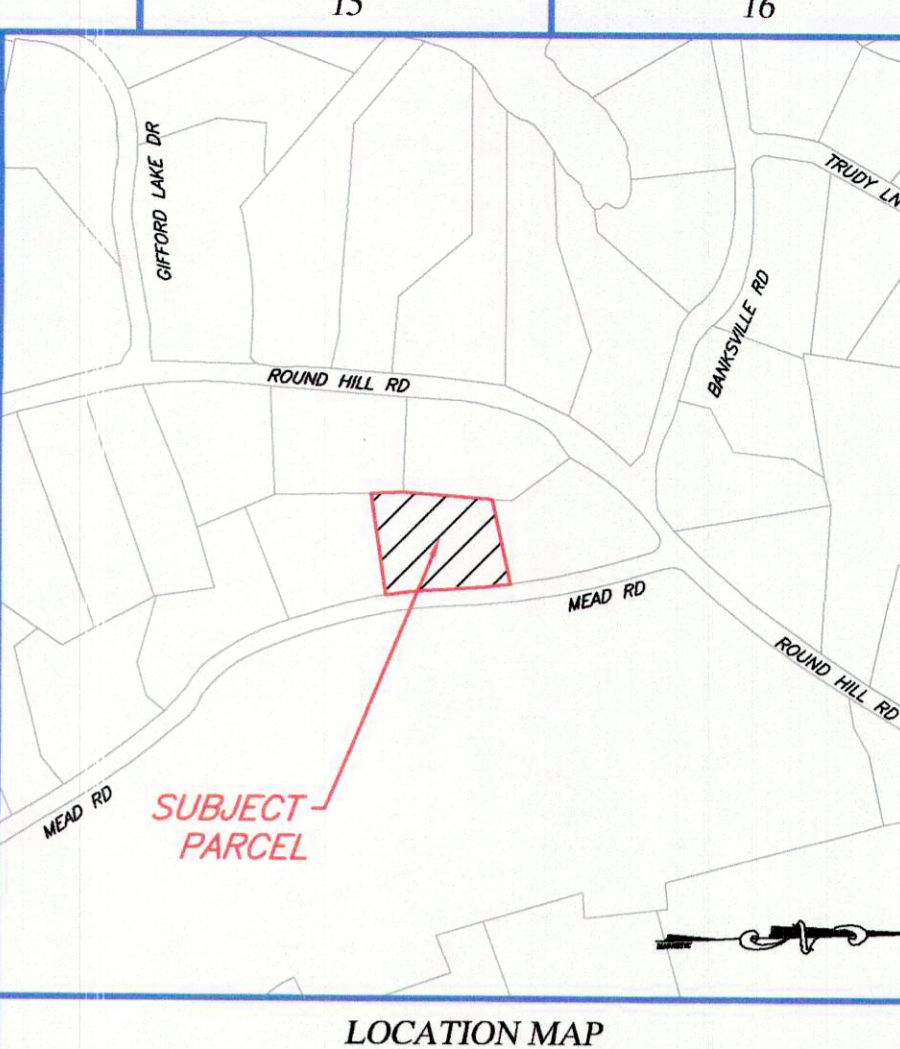
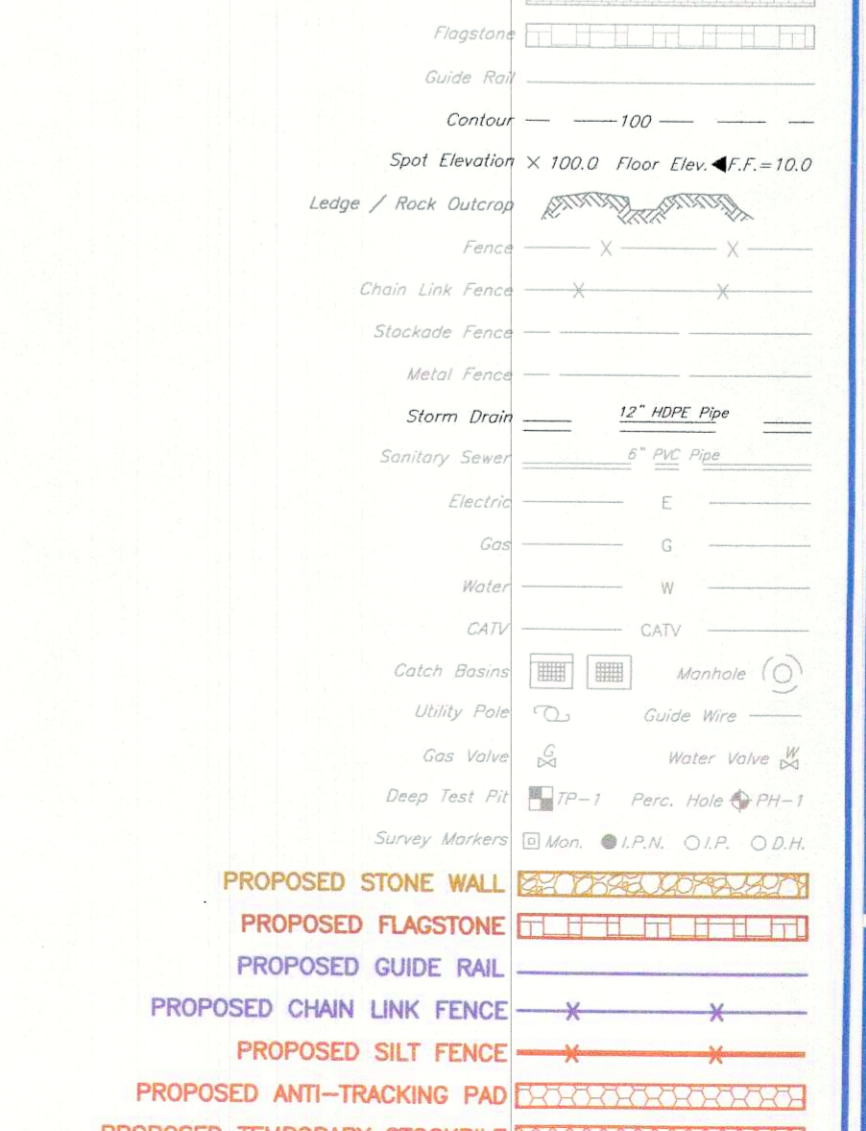
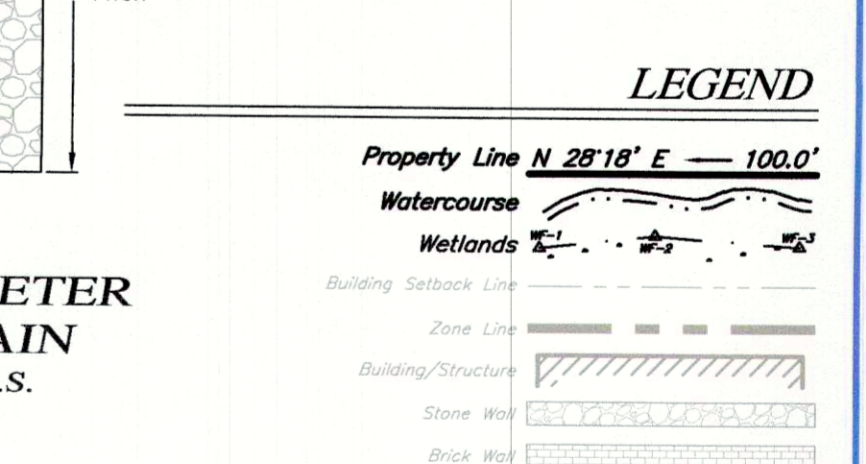
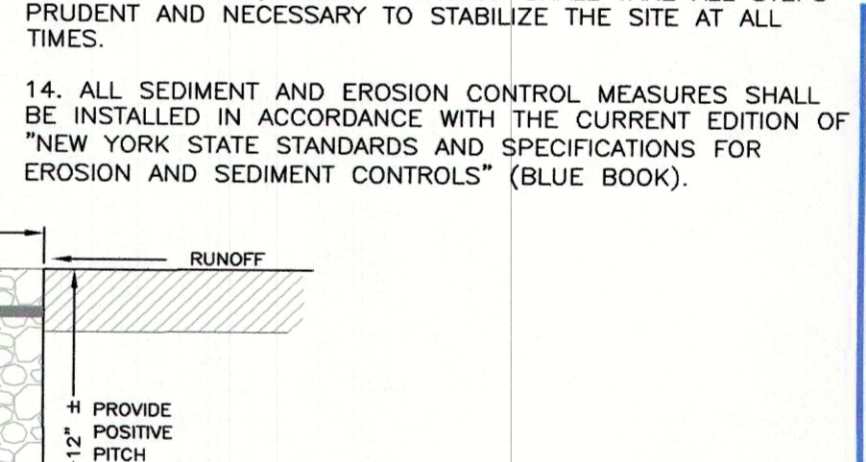
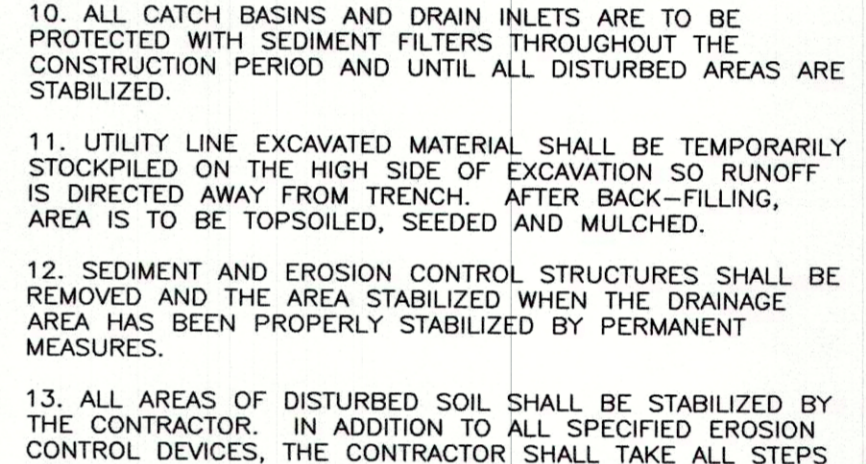
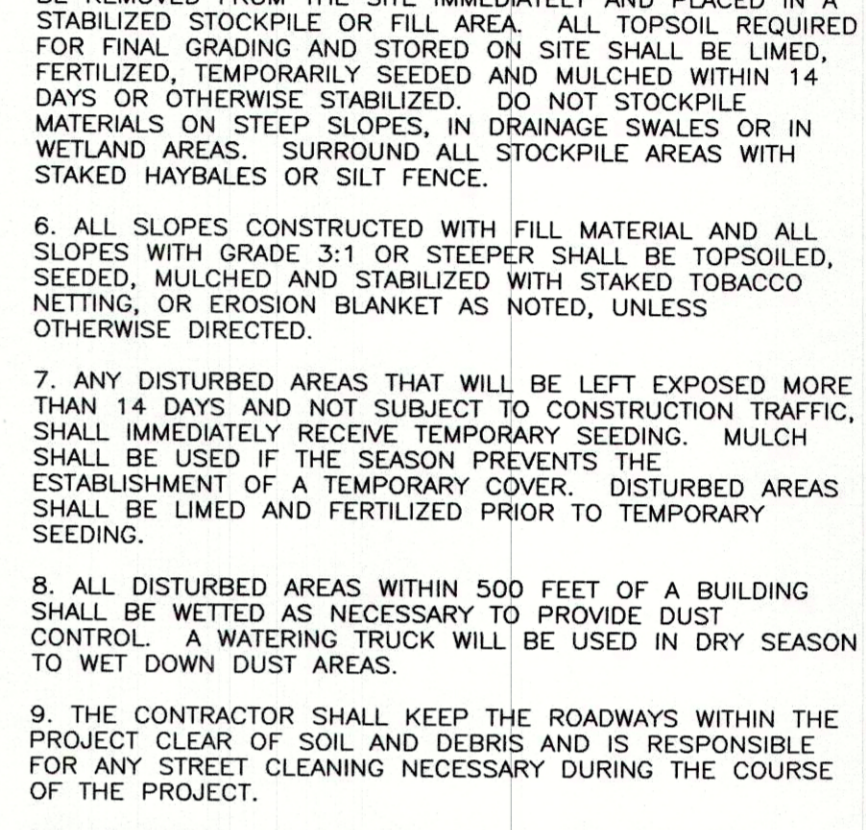
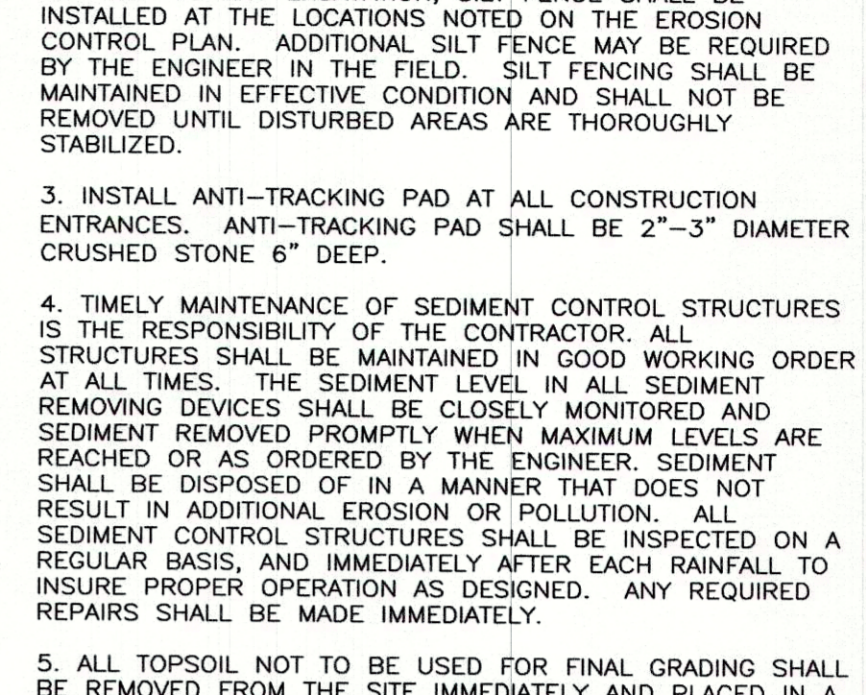
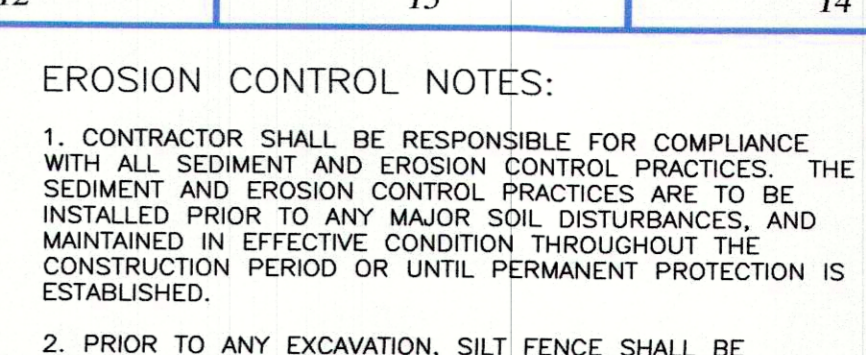
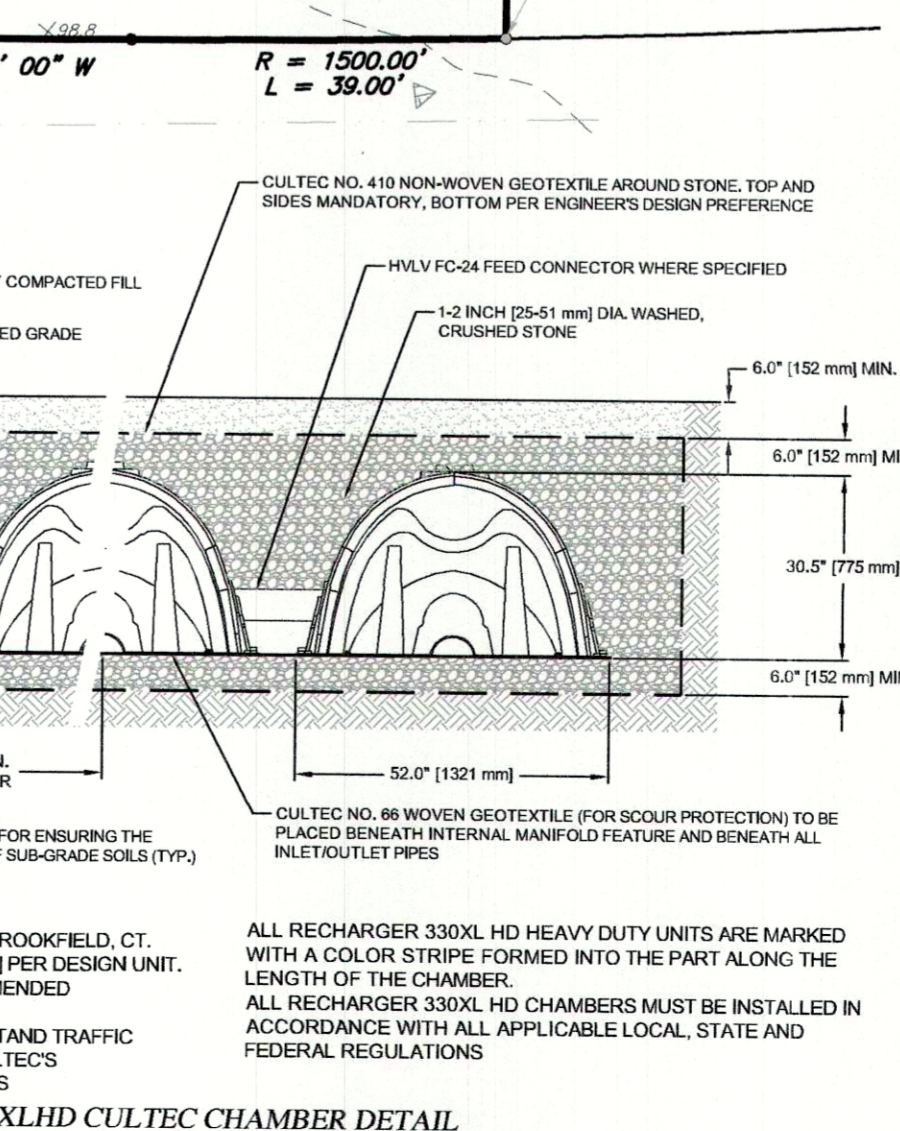
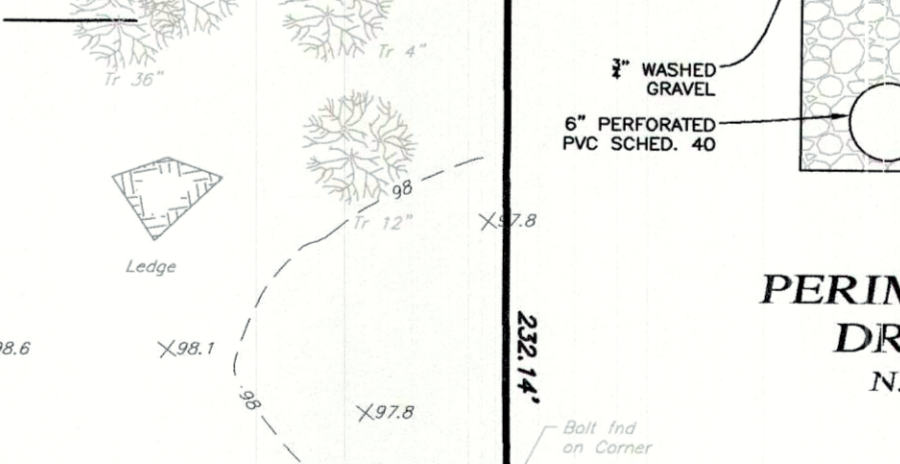
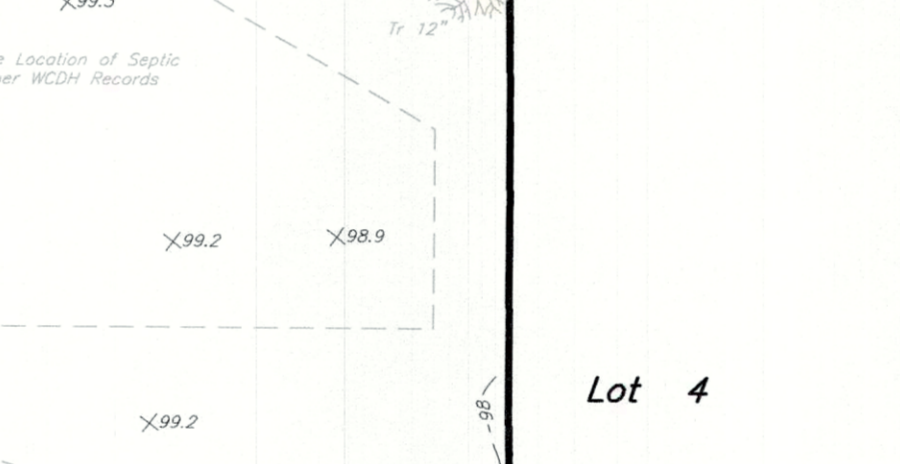
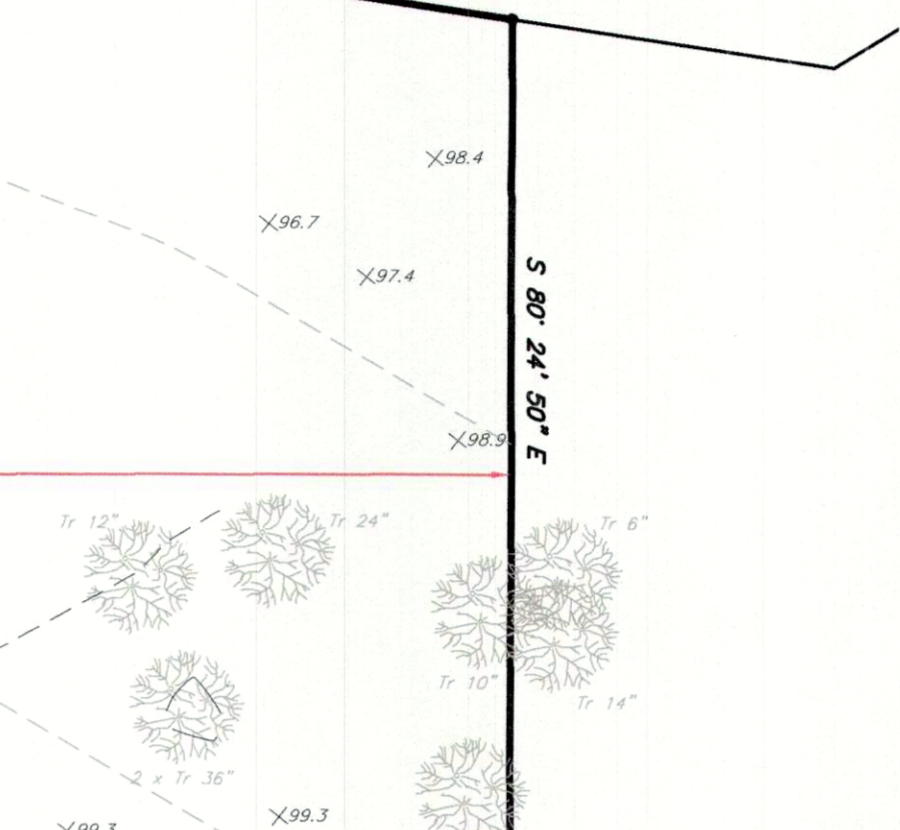
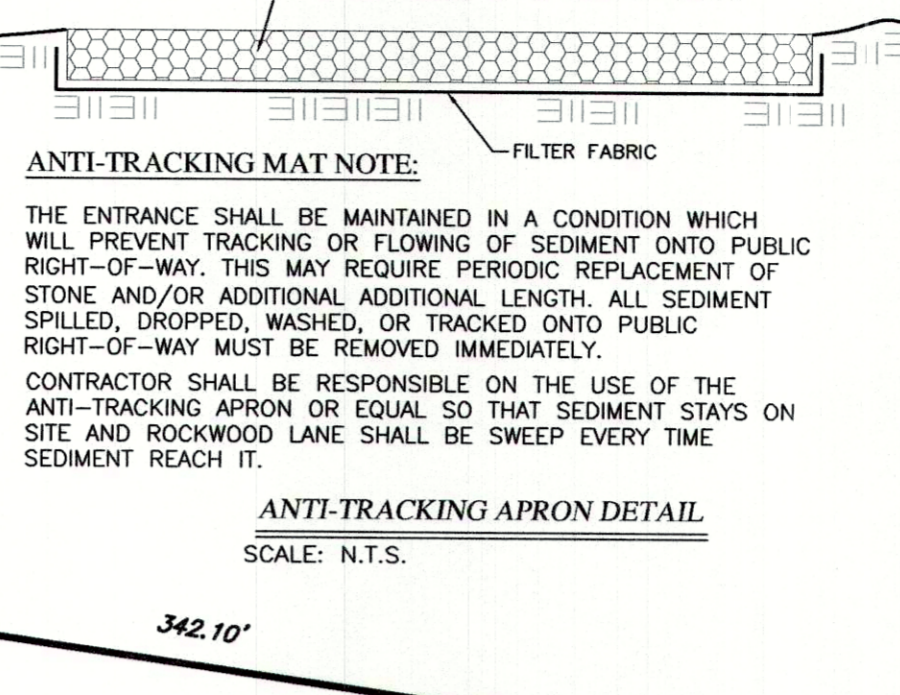
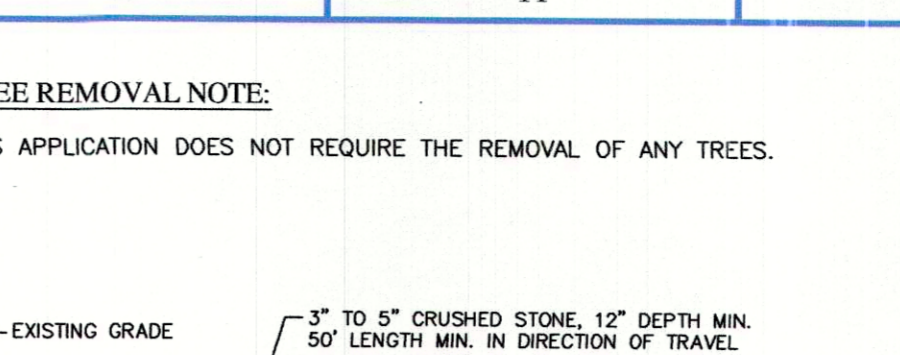
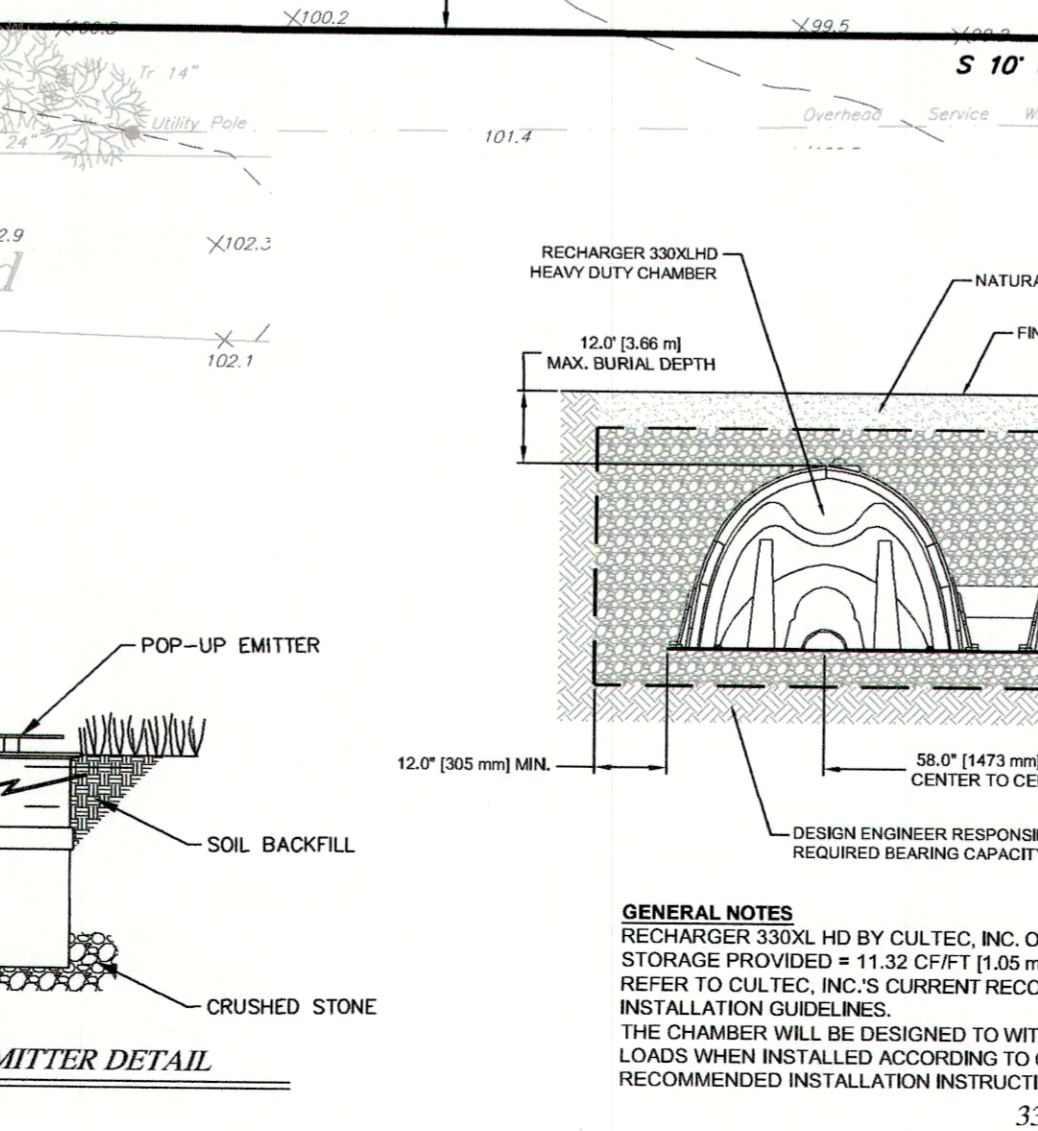
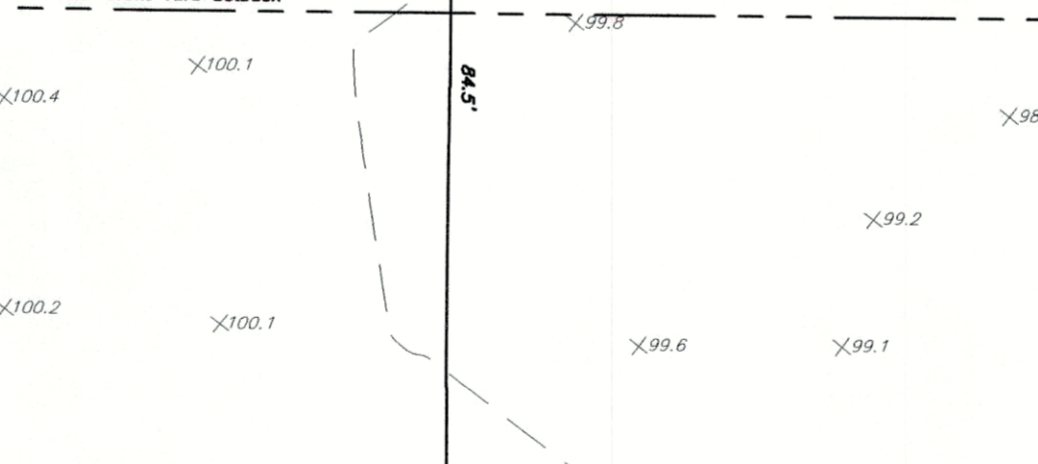
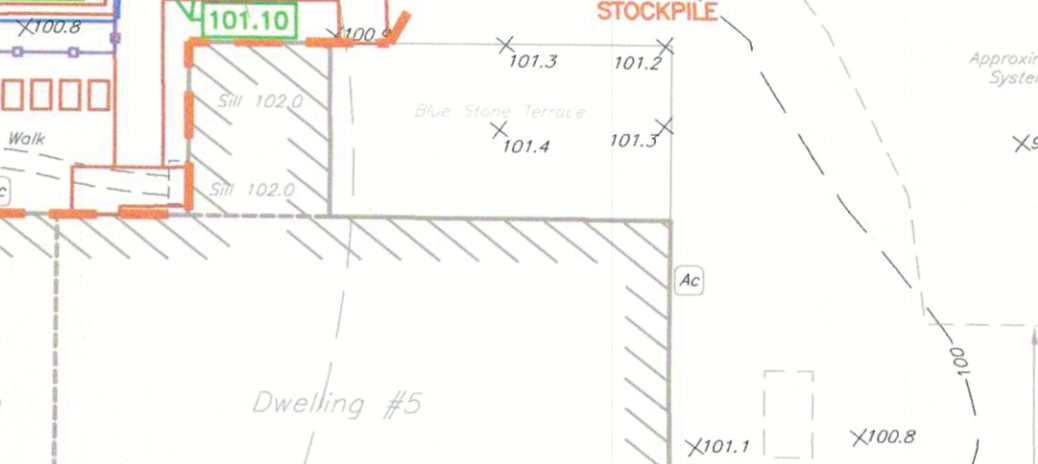
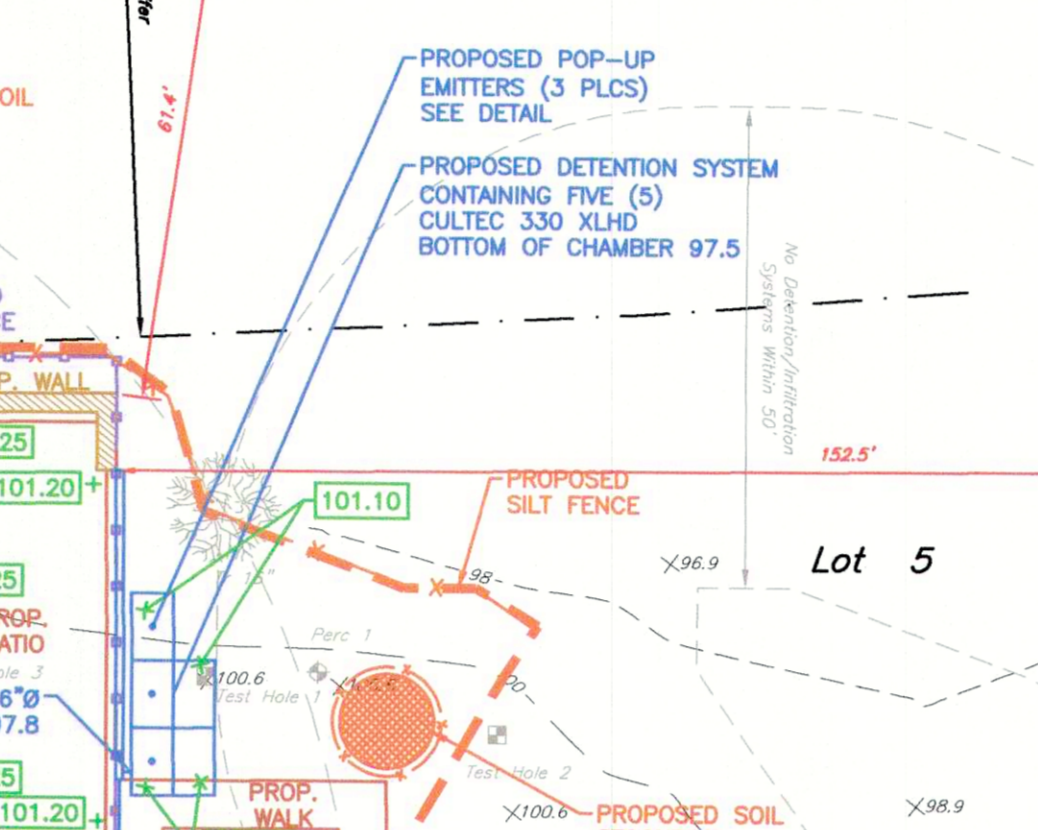
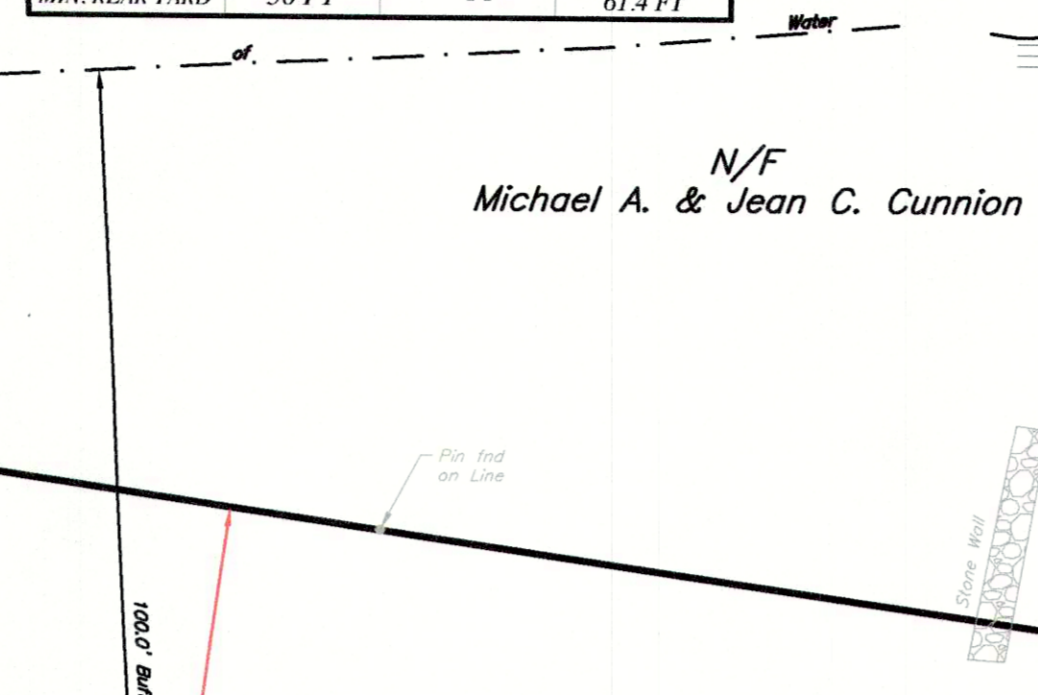
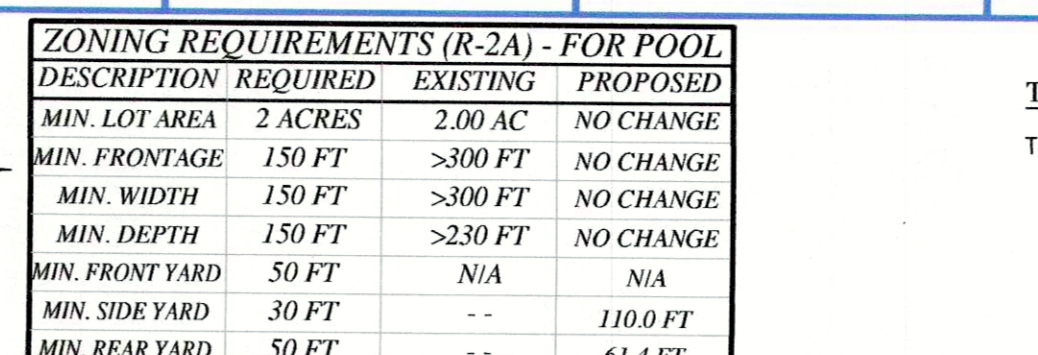
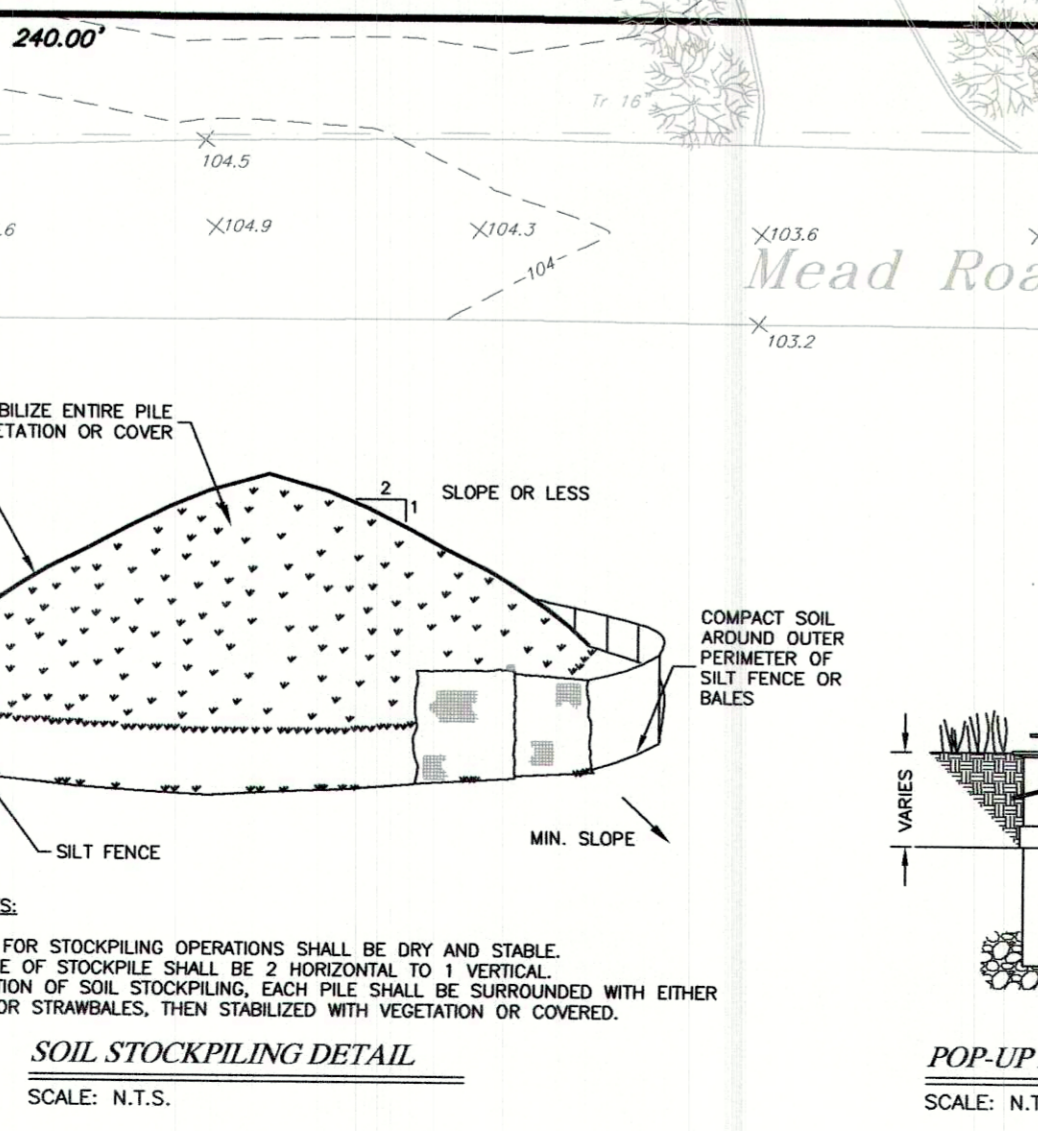
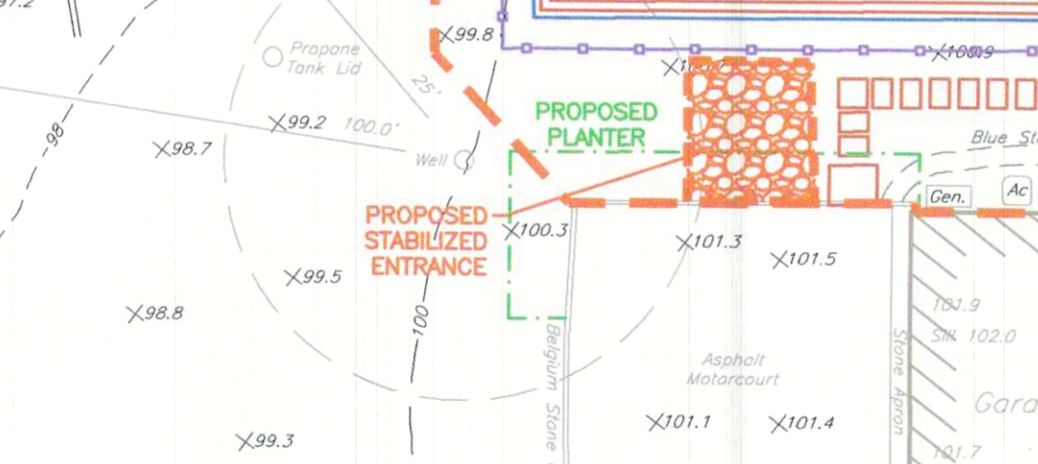
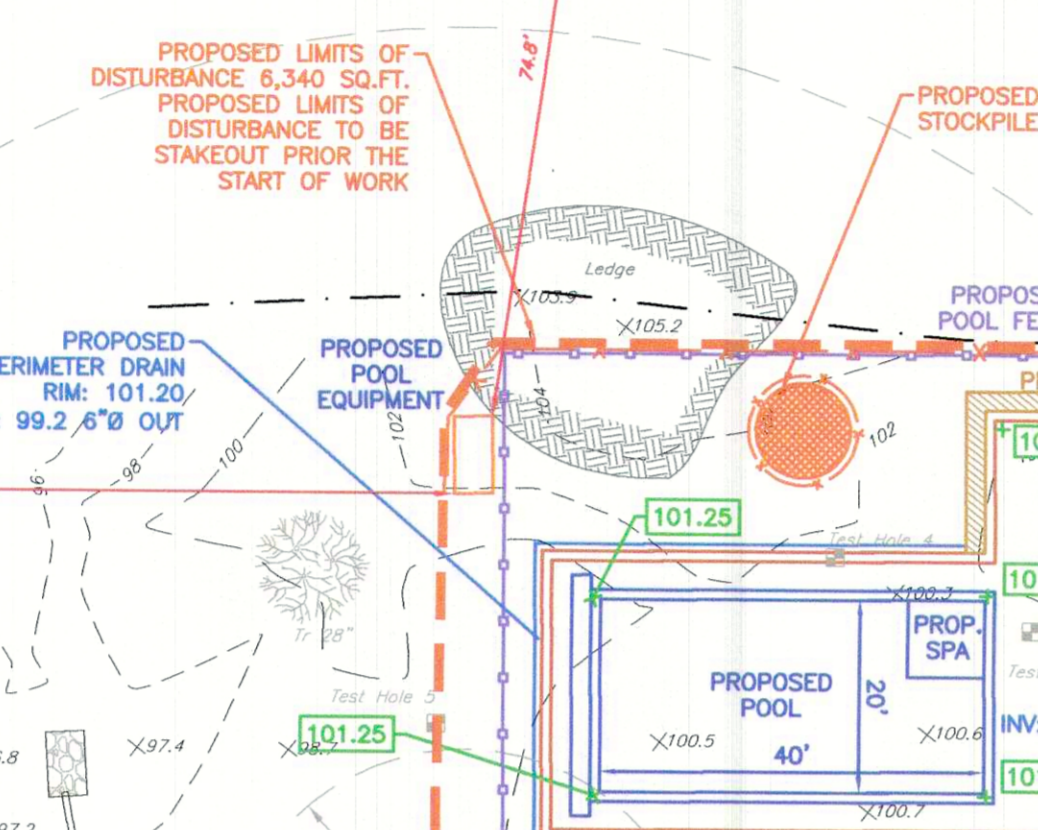
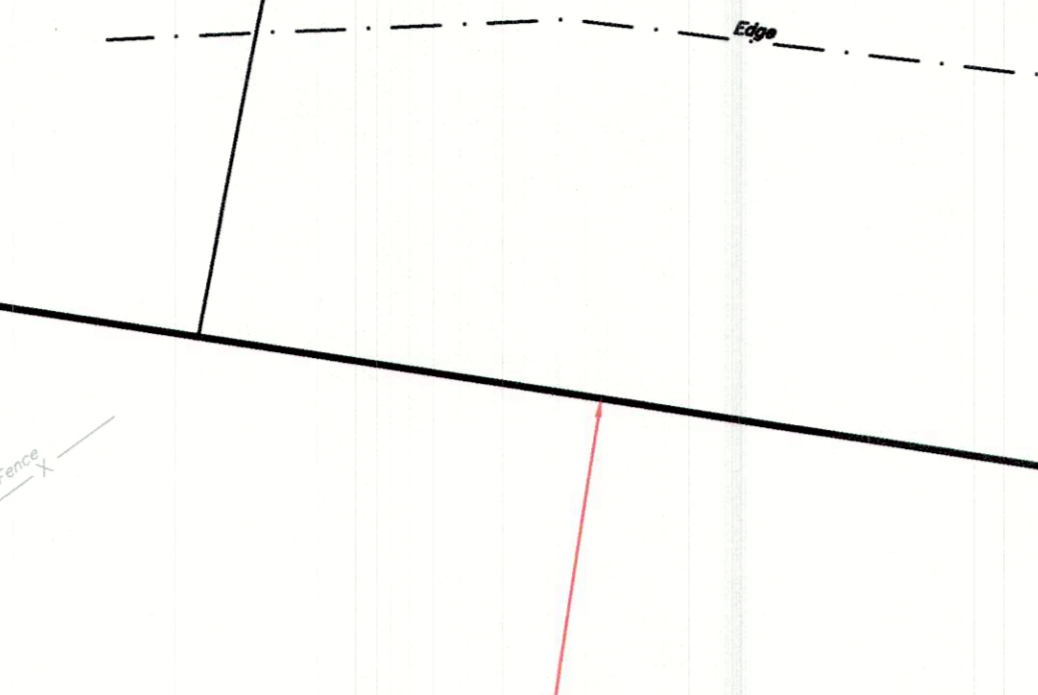
CULTEC SYSTEM SIZING CALCULATION

NEW IMPERVIOUS AREA:	1340 SQ.FT
DESIGN STORM (25 YR)	6.2 INCH
SOIL TYPE	B
EXISTING CURVE NUMBER	55
PROPOSED CURVE NUMBER	98
REQUIRED STORAGE VOLUME CALCULATION	B
EXISTING RUNOFF DEPTH	1.63 INCH
PROPOSED RUNOFF DEPTH	5.96 INCH
DIFFERENCE RUNOFF DEPTH	4.33 INCH
INCREASE IN RUNOFF VOLUME:	483.2 CF
6 INCH DRAWDOWN CALCULATION	
40x20x0.5	400 CF
REQUIRED STORAGE VOLUME:	483.2 CF
CHAMBER INFORMATION	
LENGTH OF CHAMBER:	8.5 FT
WIDTH OF CHAMBER	4.33 FT
HEIGHT OF CHAMBER	2.54 FT
WIDTH OF STONE SURROUNDING	1.0 FT
DEPTH OF STONE UNDER CHAMBER	0.5 FT
VOLUME PER CHAMBER	7.46 CF
TRENCH VOLUME	19.24 CF/LF
STONE VOID VOL	3.89 CF
PERCOLATION AREA	6.33 SF/LF
PERCOLATION RATE:	25 MIN/INC
PERCOLATION HOLE DIAMETER	10 INC
WATER LEVEL DROP	1 INCH
AVERAGE DEPTH OF WATER	8.5 INC
PERCOLATION HOLE BOT AREA	0.55 SF
PERCOLATION HOLE INSIDE AREA	1.85 SF
PERCOLATION HOLE TOTAL AREA	2.40 SF
PERCOLATION VOL CHANGE	0.045 SF
ADJUSTED PERCOLATION RATE	1.01 CF/SF/DAY
PERCOLATION VOL PER DAY	6.9 CF/SF/DAY
CLOGGING FACTOR	25%
PERCOLATION W CLOGGING	5.2 CF/SF/DAY
TOTAL VOL OF CHAMBERS	16.5 CF/SF/DAY
REQUIRED LENGTH CHAMBERS	29.24 LF
REQUIRED No OF CHAMBERS	5



ZONING REQUIREMENTS (R-2A) - FOR POOL

DESCRIPTION REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	2 ACRES	2.00 AC
MIN. FRONTAGE	150 FT	>300 FT
MIN. WIDTH	150 FT	>300 FT
MIN. DEPTH	150 FT	>230 FT
MIN. FRONT YARD	50 FT	N/A
MIN. SIDE YARD	30 FT	--
MIN. REAR YARD	50 FT	61.4 FT



NOT FOR CONSTRUCTION
PENDING MUNICIPAL APPROVAL

TAX ID No.: 102.3-1-35
 ZONE R-2A
 LOT AREA
 87,119 sq. ft. / 2.00 Acres

REVISION SCHEDULE

NO.	DATE	DESCRIPTION	REC.	APP.

LEGEND

Property Line N 28°18' E — 100.0'
 Watercourse
 Wetlands
 Building Setback Line
 Zone Line
 Building/Structure
 Stone Wall
 Brick Wall
 Flagstone
 Gravel Pad
 Contour
 Spot Elevation
 Chain Link Fence
 Stockade Fence
 Metal Fence
 Storm Drain
 Sanitary Sewer
 Catch Basin
 Utility Pole
 Gas Valve
 Deep Test Pit
 Survey Marker

PROPOSED STONE WALL
PROPOSED FLAGSTONE
PROPOSED CHAIN LINK FENCE
PROPOSED SILT FENCE
PROPOSED ANTI-TRACKING PAD
PROPOSED TEMPORARY STOCKPILE
PROPOSED LIMIT OF DISTURBANCE

JOSEPH F. RISOLI, P.E.
 NY LICENSE NO. 056368

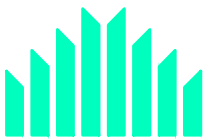
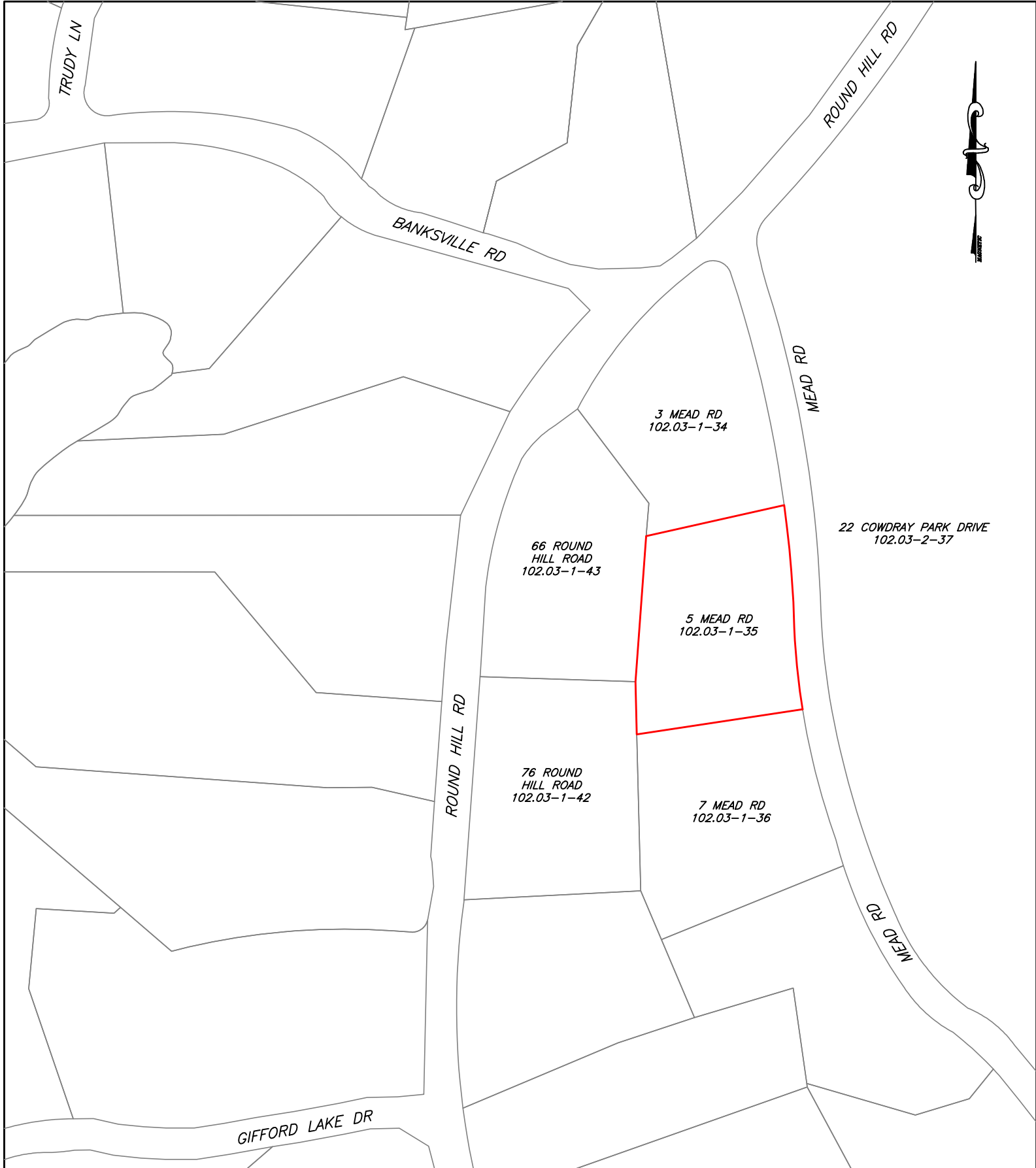
DATE: MARCH 24, 2021
 DATUM: ASSUMED
 FILE LOCATION: NARS/JOBS/MEAD ROAD SITE PLAN 05-04-21.dwg
 DRAWING NO.: JMM
 SCALE: GRAPHIC SCALE 1" = 20 FT

IT IS THE REQUIREMENT OF THE OWNER AND/OR HIS/HER LEGAL REPRESENTATIVE TO ADVISE THE PLANNER/ENGINEER OF ANY AND/OR ALL DEED RESTRICTIONS ON THE PROPERTY WHICH MAY PRECLUDE FURTHER CONSTRUCTION ON THIS PROPERTY. THIS DOCUMENT, ITEMS & DESIGNS INCORPORATED HEREIN IS AS INSTRUMENT OF PROFESSIONAL SERVICES IS ALSO THE PROPERTY OF THE JOSEPH F. RISOLI, P.E. AND IS NOT TO BE USED IN WHOLE OR IN PART, FOR ANY EXTENSION TO THIS PROJECT AND/OR ANY OTHER PROJECTS WITHOUT THE WRITTEN CONSENT OF THE JOSEPH F. RISOLI, P.E. THESE PLANS ARE VOID UNLESS THEY ARE PRODUCED AND USED IN COLOR.

MICHAEL GOTT
 5 MEAD ROAD, ARMONK, NY 10504
SITE DEVELOPMENT PLAN
 C-1.0
 SHEET 01 OF 01

Joseph F. Risoli, P.E., LLC
 ENGINEERS-PLANNERS-SURVEYORS
 406 EAST PUTNAM AVENUE
 COS COB, CT 06807
 WWW.RISOLIENGINEERING.COM

PHONE: (203) 637-8036
 FAX: (203) 637-3988
 RISOLI@OPTONLINE.NET

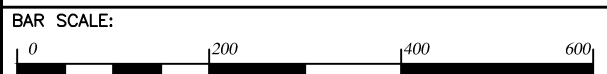


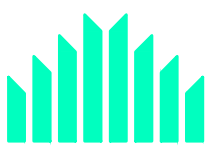
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 FAX: (203) 637-3968
 RISOLI@OPTONLINE.NET

PROJECT:	PROPOSED POOL
LOCATION:	5 MEAD ROAD, ARMONK NY 10504
DRAWING:	LOCATION MAP





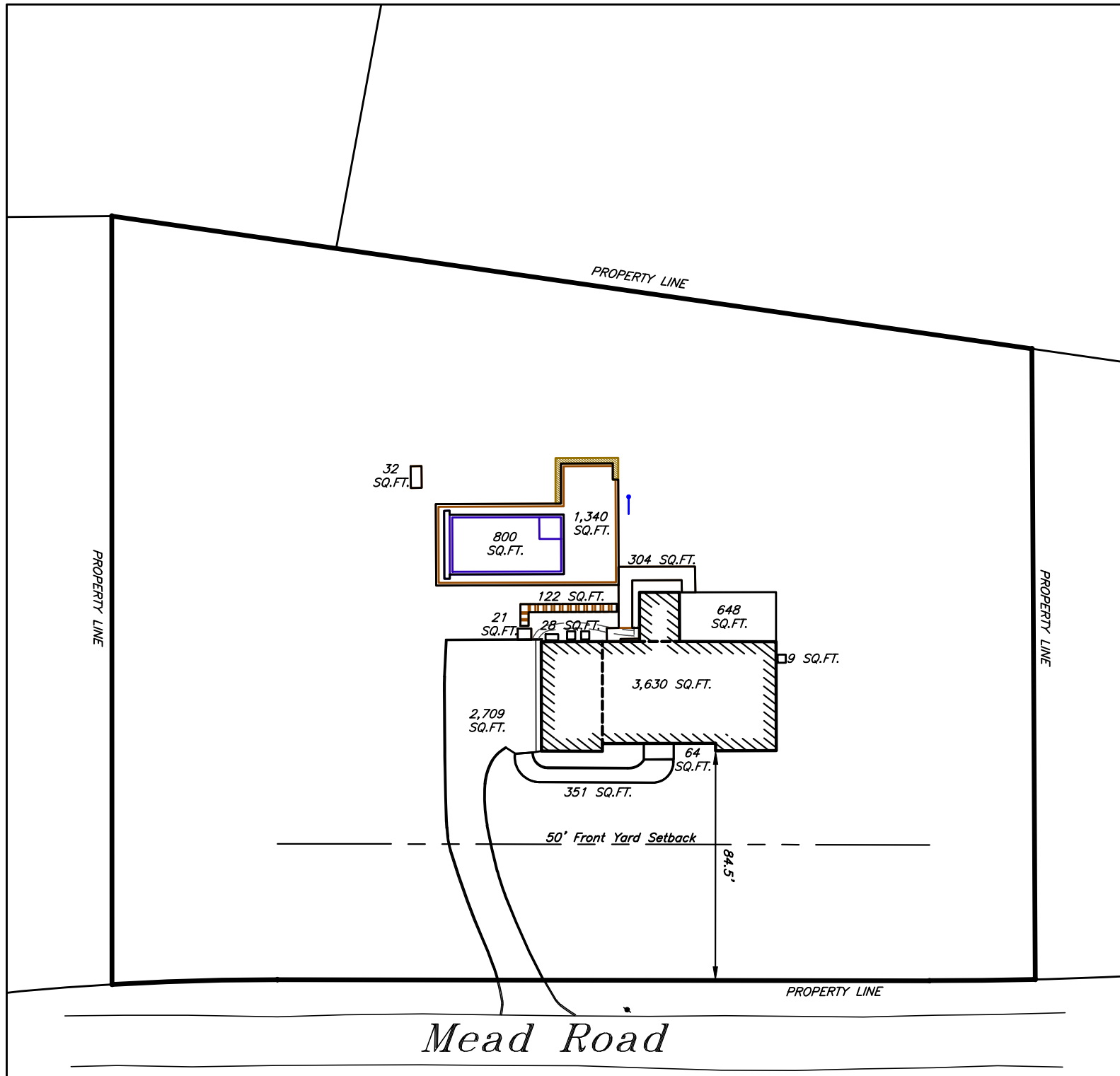
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PROJECT:	PROPOSED POOL
LOCATION:	5 MEAD ROAD, ARMONK, NY 10504
DRAWING:	AERIAL VIEW





NOTE:
AREAS WERE CALCULATED UTILIZING COMPUTER GENERATED CLOSED POLYLINES



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PROJECT:	PROPOSED POOL
LOCATION:	5 MEAD ROAD, ARMONK, NY 10504
DRAWING:	GROSS LAND CALCULATION FIGURE
BAR SCALE:	