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LETTER OF TRANSMITTAL

DATE: June 28, 2021

OUR FILE No. 184-21

Sent Via

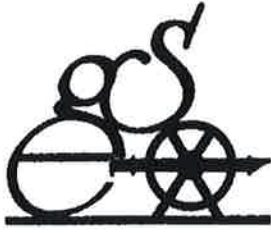
Hand Delivered [X]

TO: Planning Board Town of North Castle

**RE: Application for Site Plan
9 Barnard Rd., Town of North Castle
Section 108.03; Block 3; Lot 54**

ENCLOSED PLEASE FIND:

- **Site Development Application Package**
- **Preliminary Site Plan Completeness Review Form**
- **Gross Land Coverage Calculations Worksheet**
- **Floor Area Calculation Worksheet**
- **Analytical Soil Testing Report**
- **Site Plan**
- **Architectural Plan of Shed**



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June 25, 2021

Alan R. Kaufman, AICP
Director of Planning
Town of North Castle
17 Bedford Rd.
Armonk, NY 10504

**Re: 9 Barnard Rd. / Section 108.03 – Block 3 – Lot 54
Application for Site Development Plan Approval**

Dear Mr. Kaufman,

This letter accompanies an application for site plan review for the Planning Board. The submission is for legalization of improvements of the property at 9 Barnard Rd.

The property is located in Zoning District R-1A with a total land area of 51,406 sq.ft. reduced to 50,656 sq.ft. for slope deduction for coverage and floor area calculations. The improvements on the property includes the following:

- Legalization of a shed addition.
- Legalization of the existing wall at front westerly side of the property.
- Drainage improvements.

Thank you for your consideration.

Very Truly Yours,

Stephen Anderson
Project Manager



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

**PLANNING DEPARTMENT
Adam R. Kaufman, AICP
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Application for Site Development Plan Approval

Application Name

SITE PLAN SHED ADDITION & STONE RETAINING WALL
JOSEPH GENTILE



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Important General Information

- Prior to submitting an application, the "Notice to Applicants" should be reviewed.
- To appear before the Planning Board, all required application materials shall be submitted not later than **12:00 P.M., Monday, fourteen (14) days** prior to the date of the Planning Board meeting at which the application is scheduled to be heard or as otherwise noted by the Planning Board Secretary. Continuing Business can be submitted 12 days prior to the Next Planning Board meeting by the close of business. Except where noted.

If all required application materials, including the pertinent application fee and escrow monies are not submitted by that deadline, the application shall be automatically removed from the agenda.

At the discretion of the Planning Board Chairman, the application may be rescheduled, if appropriate, for the next available Planning Board meeting or the application may be removed from future agendas altogether. Without prior authorization from the Planning Board, application submissions shall not be accepted at Planning Board meetings.

- At the time of submission, all required application materials shall be submitted. **Piecemeal** submissions **shall not** be accepted. Substitution of previously submitted materials shall not be permitted.
- All submissions shall be dated, with revision dates identified on new submissions.
- All submissions shall be accompanied by a cover letter describing the project and/or any changes as compared to previous submissions.
- For distribution purposes and mailing to the Planning Board Members and others (as required), multiple copies of application materials shall be collated into separate sets, each containing one copy of every submitted document. All application materials shall be submitted in a form that fits into a **12" x 17" envelope**. Plans shall be **folded** and **rubber banded** as necessary.
- To be considered complete for Planning Board hearing purposes, an application package shall contain the information identified in Parts IV and V of this application form.
- For purposes of completing this application form, all responses provided shall be printed, except as otherwise specified.



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**AT THE TIME OF SUBMISSION TO THE PLANNING DEPARTMENT
PLEASE MAKE SURE THE FOLLOWING IS PROVIDED**

- ✓ SUBMISSION OF A SINGLE PDF FILE (PLANS, APPLICATION FORM, OTHER PAPERWORK) ON A DISK, THUMBDRIVE OR EMAIL

- ✓ COVER LETTER DESCRIBING THE PROJECT OR CHANGES TO THE PROJECT

- ✓ ALL PLANS ARE SIGNED AND SEALED BY A LICENSED NYS PROFESSIONAL

- ✓ ALL PLANS SHALL BE COLLATED AND FOLDED INTO 8 INDIVIDUAL SETS



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NOTICE TO APPLICANTS

In the Town of North Castle, the Planning Board is responsible for the review and approval of all applications concerning site plans, subdivisions and lot line changes; some applications concerning special use permits, wetlands permits and tree removal permits; and the environmental review of those applications over which it has jurisdiction. The Planning Board may also have an advisory role in connection with some applications before the Town Board, such as those involving other categories of special use permits and zoning amendments.

The Planning Board is composed of five volunteer members – all residents of North Castle – who are appointed by the Town Board for five-year terms. As part of the review of some applications, the Planning Board is assisted on an as-needed basis by other lay boards of the Town, such as the Conservation Board (CB), the Zoning Board of Appeals (ZBA), the Open Space Committee and the Architectural Review Board (ARB). As part of the review of most applications, the Planning Board is also assisted by the Director of Planning, the Town Engineer, the Town Attorney and other special consultants when required.

FEES:

If you submit an application for Planning Board review, you will be required to reimburse the Town for the cost of professional review services, including legal and engineering services, incurred in connection with the review of your application. The charges for professional planning review services have been \$120/hour. If other types of professional consultant review services are required, those charges will be in accord with fees usually charged for such services and pursuant to a contractual agreement between the Town and such professional.

At the time of submission of an application, the Planning Board will require the establishment of an escrow account from which withdrawals shall be made to reimburse the Town for the cost of consultant fees and professional staff services.

ESCROW ACCOUNT:

Escrow Accounts are established for each application. Monies will be deducted from the account for professional review services rendered. Monthly escrow disbursement summaries will be mailed for your reference regarding your project. When the balance in such escrow account is reduced to one-third (1/3) of its initial amount, a letter will be mailed to the applicant and the applicant shall deposit additional funds into such account to restore its balance to the amount of the initial deposit. Additional information on these requirements is provided in the North Castle Town Code (see Sections 355-79B and 275-36.C).



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PROCEDURE:

Prior to submitting an application to the Planning Board for review and approval, prospective applicants should schedule an appointment with the Planning Board Secretary at (914) 273-3542 for a consultation with the Town Planner and the Town Engineer. When the appointment is made, a verbal description of the proposal should be provided to the Planning Board Secretary. The Town of North Castle is providing the services of the Director of Planning and the Town Engineer for *initial* consultation at no cost to the applicant so that it is possible to conduct the application review as efficiently as possible for the benefit of the applicant as well as the Planning Board.

After meeting with the Town Planner and Town Engineer, prospective applicants should prepare one complete set of application documents and plans. This set will be reviewed for completeness by the Town Planner. If determined to be incomplete, the Planning Department will submit a checklist indicating which items have not been adequately addressed. If determined to be complete, the checklist will be initialed and the Applicant should submit the remainder of the required application packages.

Once the checklist has been initialed and all application packages have been submitted, the Planning Board Secretary will schedule the application for the first available opening on the Planning Board's meeting agenda. However, if the required application material packages, including the pertinent application fee are not received at the Planning Board office by 12:00 PM, Monday, 14 days prior to the date of the Planning Board meeting at which you are scheduled to appear (or otherwise scheduled by the Planning Board Secretary), your application will be automatically removed from the agenda. At the discretion of the Planning Board Chairman, your application may be rescheduled, if appropriate, for the next available Planning Board meeting or the application may be removed from future agendas altogether. Additional requirements pertinent to each type of application are provided on the individual application forms, which you should carefully review prior to submitting your application.

When an application is deemed complete and submitted for review, it will be forwarded to the Planning Board Members and its professional advisors in advance of the meeting to allow adequate time for review, preparation of written reports and site inspections as necessary. Your application may also be forwarded to other boards and staff of the Town as well as to agencies outside of the Town, if required. Compliance with State Environmental Quality Review (SEQR) procedures is also required as part of the processing of all applications.

At your first appearance before the Planning Board, the Applicant will describe the project and the Planning Board will discuss any preliminary issues. The Planning Board discussion may be continued at future meetings, or if the Planning Board review has progressed sufficiently, the Application may be scheduled for a public hearing (if one is required) The public hearing may occur at a single Planning Board meeting, or it may be adjourned and continued at another Planning Board meeting. Because the nature and complexity of each application varies



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considerably, it is not possible to predict in advance the length of time needed to secure Planning Board approval. There are certain steps that you can take, however, to expedite the review process. These include, but are not limited to, the following:

- Be thoroughly familiar with the requirements pertinent to your application. Carefully review relevant provisions of the North Castle Town Code and the application form for your particular type of application. Be sure to check on what other types of approvals may be required in addition to that of the Planning Board. Approvals by other Town boards or departments as well as agencies outside of the Town may be required before you will be allowed to proceed with your project.
- Make sure that your application materials are accurately prepared and contain all required information. The information that we initially request is required, so make sure that your submission is complete. If supplementary information is requested as the review process continues, make sure that it is submitted in a timely fashion so the Planning Board can continue to move your application along.
- Follow up to make sure that your application materials are being submitted on time, or deliver them to the Planning office yourself.
- Attend the Planning Board meeting at which your application will be discussed and be on time for the meeting. If you cannot appear personally, make sure that your representative will be there and is thoroughly familiar with your application.

If the Application is approved by the Planning Board, a resolution of approval will be adopted by the Planning Board. It is the Applicant's responsibility to address any and all conditions of approval. Permits from the Building Department cannot be issued until all conditions have been addressed and the plans have been signed by the Planning Board Chair and the Town Engineer.

**ON LINE AGENDAS & PLANNING DEPARTMENT MEMORANDA CAN BE
REVIEWED AT**

WWW.NORTHCASTLENY.COM



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INFORMATION REGARDING PUBLIC HEARINGS

1. The North Castle Assessor's Office shall prepare a list of neighbors to be notified for the neighbor notifications and public hearings - **A minimum of one week's notice is required**. The fee is \$50.00 which includes the list of neighbors and two sets of labels for mailing. The Assessor's Office may be reached Monday – Friday from 8:30 a.m.– 4:30 p.m. at 273-3324. You may also e-mail your request to assessor@northcastleny.com

When requesting your list please reference the list of application types below so that you can tell the Assessor's office how many feet on all sides of the property to create the list for.

Subdivisions - All lots zoned R-10, R-5 and R-2F shall notice all neighbors within 200 feet from all sides of their property. All other zoning districts shall notice neighbors within 500 feet from all sides of their property. Public hearing notice must be published in the newspaper.

Special Use Permit for Structures over 800 sq ft. & Accessory Apartment - All Zoning Districts shall notice all neighbors within 250 feet from all sides of their property. Public hearing notice must be published in the newspaper.

Site Plan, Non Residential - All Zoning Districts shall notice all neighbors within 250 feet from all sides of their property. Public hearing notice must be published in the newspaper.

Site Plan, Residential/ Neighbor Notification – All zoning districts R-3/4A or smaller shall notice all neighbors within 250' from all sides of their property. All zoning districts zoned R-1A or larger shall notice all neighbors within 500' from all sides of the property. No public hearing required, no publication in the newspaper required.

Wetlands Permit - All Zoning Districts shall notice all abutting property owners. Public hearing notice must be published in the newspaper.

2. The Director of Planning will prepare a Public Notice. The applicant and or professional will review, sign, date and return to the Planning Department Secretary. If there are any changes necessary, please edit and return for corrections. The corrections will be made and emailed back to the applicant who will forward it to the Journal Newspaper, when applicable.

If notification to the newspaper is not required, please continue to #3.



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You may email your public notice to legals@lohud.com. Please request an affidavit of publication which must be submitted to the Planning Board secretary prior to the public hearing. The Journal News requires three days prior notice before 12 noon, not counting weekends and holidays, for ad placement. Make sure the notice placement of the ad in the Greater Westchester Area. This notice cannot be published any sooner than 20 days prior to the meeting and must be published no less than 10 days prior to the meeting.

If you have any questions regarding your publication you may call 888-516-9220:
Email Address: legals@lohud.com

It is suggested that you purchase the newspaper for your records the day the notice is published.

3. Send out the Public Hearing Notice/ Neighbor Notification by First Class Mail. Notice shall be mailed by the applicant in official envelopes provided by the North Castle Planning Department; the list of noticed neighbors will be prepared by the Assessor's Office. This must be sent out no less than 10 days prior to the meeting and no more than 20 days prior to the meeting date. A Certificate of Mailing (PS Form 3817 or 3877) shall be filled out and post marked by the Post Office on the day of mailing. Neighbor Notifications – no publication in the newspaper required.
4. The Friday before the meeting or no later than 12:00 p.m. the day of the meeting the following **must** be submitted.
 - List of Neighbors prepared by the Assessor's Office
 - Certificate of Mailing – PS form 3817 or 3877 post marked by the US Post Office
 - Affidavit of publication from the Newspaper (only if published in the newspaper)



Firm Mailing Book For Accountable Mail

Name and Address of Sender

Check type of mail or service

- Adult Signature Required
- Adult Signature Restricted Delivery
- Certified Mail
- Certified Mail Restricted Delivery
- Collect on Delivery (COD)
- Insured Mail
- Priority Mail
- Priority Mail Express
- Registered Mail
- Return Receipt for Merchandise
- Signature Confirmation
- Signature Confirmation Restricted Delivery

USPS Tracking/Article Number

Addressee (Name, Street, City, State, & ZIP Code™)

Affix Stamp Here
(if issued as an international certificate of mailing or for additional copies of this receipt).
Postmark with Date of Receipt.

	Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
1.													
2.													
3.													
4.													
5.													
6.													
7.													
8.													

Total Number of Pieces Listed by Sender

Total Number of Pieces Received at Post Office

Postmaster, Per (Name of receiving employee)



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APPLICATIONS REQUIRING PLANNING BOARD APPROVAL
SCHEDULE OF APPLICATION FEES

<u>Type of Application</u>	<u>Application Fee</u>
* Site Development Plan	\$200.00
Each proposed Parking Space	\$10
Special Use Permit (each)	\$200 (each)
Preliminary Subdivision Plat	\$300 1 st Lot \$200 (each additional lot)
Final Subdivision Plat	\$250 1 st Lot \$100 (each additional lot)
Tree Removal Permit	\$75
Wetlands Permit	\$50 (each)
Short Environmental Assessment Form	\$50
Long Environmental Assessment Form	\$100
Recreation Fee	\$10,000 Each Additional Lot
Discussion Fee	\$200.00
Prior to submission of a sketch or preliminary subdivision Plat, an applicant or an applicant's representative wishes to discuss a subdivision proposal to the Planning Board, a discussion fee of \$200.00 shall be submitted for each informal appearance before the board.	

Any amendment to previously approved applications requires new application forms and Fes



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PLANNING BOARD SCHEDULE OF ESCROW ACCOUNT DEPOSITS

<u>Type of Application Deposit*</u>	<u>Amount of Initial Escrow Account</u>
Concept Study	\$500.00
Site Plan Waiver for Change of Use	\$500.00
Site Development Plan for:	
Multifamily Developments	\$3,000.00 plus \$100.00 per proposed dwelling unit
Commercial Developments	\$3,000.00 plus \$50.00 for each required parking space
* 1 or 2 Family Projects	\$2,000.00
Special Use Permit	\$2,000.00 plus \$50.00 for each required parking space
Subdivision:	
Lot Line Change resulting in no new lots	\$1,500.00
All Others	\$3,000.00 plus \$200.00 per proposed new lot in excess of two (2)
Preparation or Review of Environmental Impact Statement	\$15,000.00

* If a proposed action involves multiple approvals, a single escrow account will be established. The total amount of the initial deposit shall be the sum of the individual amounts indicated. When the balance in such escrow account is reduced to one-third (1/3) of its initial amount, the applicant shall deposit additional funds into such account to restore its balance to the amount of the initial deposit.


Applicant Signature


Date:

I. IDENTIFICATION OF PROPERTY OWNER, APPLICANT AND PROFESSIONAL REPRESENTATIVES

Name of Property Owner: JOSEPH GENTILE
Mailing Address: 9 BARNARD ROAD ARMONK NY 10504
Telephone: 914 755-0900 Fax: _____ e-mail JGENTILE72@iCLOUD.COM
JGENTILE72@GMAIL.COM

Name of Applicant (if different): _____
Address of Applicant: _____
Telephone: _____ Fax: _____ e-mail _____
Interest of Applicant, if other than Property Owner:

Is the Applicant (if different from the property owner) a Contract Vendee?
Yes No
If yes, please submit affidavit stating such. If no, application cannot be reviewed by Planning Board

Name of Professional Preparing Site Plan:
ELIOT SENOR ~ GABRIELE E. SENOR PC
Address: 90 N. CENTRAL AVENUE, HARTSDALE NY 10530
Telephone: 914 422-0070 Fax: _____ e-mail ELIOT@GESENER.COM

Name of Other Professional: _____
Address: _____
Telephone: _____ Fax: _____ e-mail _____


Name of Attorney (if any): MARCO E. FAVA, ESQ
Address: 1809 PALMER AVENUE
Telephone: 914 630-0201 Fax: 914 834-4590 e-mail MARCO.FAVA@FAVALAW.NET


Applicant Acknowledgement

By making this application, the undersigned Applicant agrees to permit Town officials and their designated representatives to conduct on-site inspections in connection with the review of this application.

The Applicant also agrees to pay all expenses for the cost of professional review services required for this application.

It is further acknowledged by the Applicant that all bills for the professional review services shall be mailed to the Applicant, unless the Town is notified in writing by the Applicant at the time of initial submission of the application that such mailings should be sent to a designated representative instead.

Signature of Applicant:  _____ Date: 6/24/21

Signature of Property Owner:  _____ Date: 6/24/21

MUST HAVE BOTH SIGNATURES

II. IDENTIFICATION OF SUBJECT PROPERTY

Street Address: 9 BARNARD ROAD

Location (in relation to nearest intersecting street):

500 feet (north, south, east or west) of NICHOLS ROAD

Abutting Street(s): _____

Tax Map Designation (NEW): Section 108.03 Block 3 Lot 54

Tax Map Designation (OLD): Section 21617 Block _____ Lot 17

Zoning District: R-1A Total Land Area 1.18 ACRES

Land Area in North Castle Only (if different) _____

Fire District(s) # 2 School District(s) BYRAM HILLS

Is any portion of subject property abutting or located within five hundred (500) feet of the following:

The boundary of any city, town or village?

No Yes (adjacent) _____ Yes (within 500 feet) _____

If yes, please identify name(s): _____

The boundary of any existing or proposed County or State park or any other recreation area?

No _____ Yes (adjacent) _____ Yes (within 500 feet) JOHNSTON PARK TOWN PARK (NICHOLS RD)

The right-of-way of any existing or proposed County or State parkway, thruway, expressway, road or highway?

No Yes (adjacent) _____ Yes (within 500 feet) _____

The existing or proposed right-of-way of any stream or drainage channel owned by the County or for which the County has established channel lines?

No Yes (adjacent) _____ Yes (within 500 feet) _____

The existing or proposed boundary of any county or State owned land on which a public building or institution is situated?

No Yes (adjacent) _____ Yes (within 500 feet) _____

The boundary of a farm operation located in an agricultural district?

No Yes (adjacent) _____ Yes (within 500 feet) _____

Does the Property Owner or Applicant have an interest in any abutting property?

No Yes _____

If yes, please identify the tax map designation of that property:

III. DESCRIPTION OF PROPOSED DEVELOPMENT

Proposed Use: ADDITION TO SHED & STONE RETAINING WALL

Gross Floor Area: Existing _____ S.F. Proposed _____ S.F.

Proposed Floor Area Breakdown:

Retail N/A S.F.; Office N/A S.F.;

Industrial N/A S.F.; Institutional N/A S.F.;

Other Nonresidential _____ S.F.; Residential _____ S.F.;

Number of Dwelling Units: 1 FAMILY

Number of Parking Spaces: Existing _____ Required _____ Proposed _____ N/A

Number of Loading Spaces: Existing _____ Required _____ Proposed _____ N/A

Earthwork Balance: Cut _____ C.Y. Fill _____ C.Y. N/A

Will Development on the subject property involve any of the following:

Areas of special flood hazard? No Yes _____

(If yes, application for a Development Permit pursuant to Chapter 177 of the North Castle Town Code may also be required)

Trees with a diameter at breast height (DBH) of 8" or greater?

No Yes _____

(If yes, application for a Tree Removal Permit pursuant to Chapter 308 of the North Castle Town Code may also be required.)

Town-regulated wetlands? No Yes _____

(If yes, application for a Town Wetlands Permit pursuant to Chapter 340 of the North Castle Town Code may also be required.)

State-regulated wetlands? No Yes _____

(If yes, application for a State Wetlands Permit may also be required.)

V. INFORMATION TO BE INCLUDED ON SITE DEVELOPMENT PLAN

The following checklist is provided to enable the Applicant to determine if he/she has provided enough information on the site development plan for the Planning Board to review his/her proposal. Applicants are advised to review ARTICLE VIII, Site Development Plan of the North Castle Town Code for a complete enumeration of pertinent requirements and standards prior to making application for site development plan approval.

The application for site development plan approval will not be accepted for Planning Board review unless all items identified below are supplied and **so indicated with a check mark in the blank line provided**. If a particular item is not relevant to the subject property or the development proposal, **the letters "NA" should be entered instead**. In addition, the project will not be scheduled on a Planning Board agenda until the Applicant receives an initialed "site plan checklist" from the Planning Department.

The information to be included on a site development plan shall include:

Legal Data:

- Name of the application or other identifying title.
- Name and address of the Property Owner and the Applicant, (if different).
- Name, address and telephone number of the architect, engineer or other legally qualified professional who prepared the plan.
- Names and locations of all owners of record of properties abutting and directly across any and all adjoining streets from the subject property, including the tax map designation of the subject property and abutting and adjoining properties, as shown on the latest tax records.
- Existing zoning, fire, school, special district and municipal boundaries.
- Size of the property to be developed, as well as property boundaries showing dimensions and bearings as determined by a current survey; dimensions of yards along all property lines; name and width of existing streets; and lines of existing lots, reservations, easements and areas dedicated to public use.
- NA Reference to the location and conditions of any covenants, easements or deed restrictions that cover all or any part of the property, as well as identification of the document where such covenants, easements or deed restrictions are legally established.
- Schedule of minimum zoning requirements, as well as the plan's proposed compliance with those requirements, including lot area, frontage, lot width, lot depth, lot coverage, yards, off-street parking, off-street loading and other pertinent requirements.
- Locator map, at a convenient scale, showing the Applicant's entire property in relation to surrounding properties, streets, etc., within five hundred (500) feet of the site.
- North arrow, written and graphic scales, and the date of the original plan and all revisions, with notation identifying the revisions.
- A signature block for Planning Board endorsement of approval.

Existing Conditions Data:

- Location of existing use and design of buildings, identifying first floor elevation, and other structures.
- Location of existing parking and truck loading areas, with access and egress drives thereto.
- Location of existing facilities for water supply, sanitary sewage disposal, storm water drainage, and gas and electric service, with pipe sizes, grades, rim and inverts, direction of flow, etc. indicated.
- Location of all other existing site improvements, including pavement, walks, curbing, retaining walls and fences.
- N/A Location, size and design of existing signs.
- N/A Location, type, direction, power and time of use of existing outdoor lighting.
- Location of existing outdoor storage, if any. (SHED)
- Existing topographical contours with a vertical interval of two (2) feet or less.
- Location of existing floodplains, wetlands, slopes of 15% or greater, wooded areas, landscaped areas, single trees with a DBH of 8" or greater, rock outcrops, stone walls and any other significant existing natural or cultural features.

Proposed Development Data:

- N/A Proposed location of lots, streets, and public areas, and property to be affected by proposed easements, deed restrictions and covenants.
- N/A Proposed location, use and architectural design of all buildings, including proposed floor elevations and the proposed division of buildings into units of separate occupancy.
- N/A Proposed means of vehicular and pedestrian access to and egress from the site onto adjacent streets.
- N/A Proposed sight distance at all points of vehicular access.
- N/A Proposed number of employees for which buildings are designed
- N/A Proposed streets, with profiles indicating grading and cross-sections showing the width of the roadway; the location and width of sidewalks; and the location and size of utility lines.
- N/A Proposed location and design of any pedestrian circulation on the site and off-street parking and loading areas, including handicapped parking and ramps, and including details of construction, surface materials, pavement markings and directional signage.
- N/A Proposed location and design of facilities for water supply, sanitary sewage disposal, storm water drainage, and gas and electric service, with pipe sizes, grades, rim and inverts, direction of flow, etc. indicated.

- Proposed location of all structures and other uses of land, such as walks, retaining walls, fences, designated open space and/or recreation areas and including details of design and construction.
- N/A Location, size and design of all proposed signs.
- N/A Location, type, direction, power and time of use of proposed outdoor lighting.
- N/A Location and design of proposed outdoor garbage enclosure.
- N/A Location of proposed outdoor storage, if any.
- Location of proposed landscaping and buffer screening areas, including the type (scientific and common names), size and amount of plantings.
- N/A Type of power to be used for any manufacturing
- N/A Type of wastes or by-products to be produced and disposal method
- N/A In multi-family districts, floor plans, elevations and cross sections
- The proposed location, size, design and use of all temporary structures and storage areas to be used during the course of construction.
- Proposed grade elevations, clearly indicating how such grades will meet existing grades of adjacent properties or the street.
- Proposed soil erosion and sedimentation control measures.
- N/A For all proposed site development plans containing land within an area of special flood hazard, the data required to ensure compliance with Chapter 177 of the North Castle Town Code.
- N/A For all proposed site development plans involving clearing or removal of trees with a DBH of 8" or greater, the data required to ensure compliance with Chapter 308 of the North Castle Town Code.
- N/A For all proposed site development plans involving disturbance to Town-regulated wetlands, the data required to ensure compliance with Chapter 340 of the North Castle Town Code.

Short Environmental Assessment Form

Part 1 - Project Information

Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information							
Name of Action or Project: SITE PLAN PREPARED FOR JOSEPH GENTILE							
Project Location (describe, and attach a location map): 9 BARNARD ROAD							
Brief Description of Proposed Action: SITE PLAN SHED ADDITION PROPOSED STONE RETAINING WALL DRAINAGE IMPROVEMENTS							
Name of Applicant or Sponsor: JOSEPH GENTILE		Telephone: 914-755-0900					
		E-Mail: JGENTILE@ICLOUD.COM JGENTILE@GMAIL.COM					
Address: 9 BARNARD							
City/PO: ARMONK		State: NY	Zip Code: 10504				
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">NO</th> <th style="width: 50%;">YES</th> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	NO	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO	YES						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval:			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">NO</th> <th style="width: 50%;">YES</th> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	NO	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO	YES						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
3.a. Total acreage of the site of the proposed action?		1.18 acres					
b. Total acreage to be physically disturbed?		0.10 acres					
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		1.18 acres					
4. Check all land uses that occur on, adjoining and near the proposed action.							
<input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban)							
<input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____							
<input type="checkbox"/> Parkland							

5. Is the proposed action, a. A permitted use under the zoning regulations?	NO	YES	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Are public transportation service(s) available at or near the site of the proposed action?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: <u>CONSTRUCTION OF WALL</u>	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: <u>CONSTRUCTION OF WALL</u>	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Is the proposed action located in an archeological sensitive area?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban			
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Is the project site located in the 100 year flood plain?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? <input type="checkbox"/> NO <input type="checkbox"/> YES	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: _____	NO	YES	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<p>18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?</p> <p>If Yes, explain purpose and size: _____</p> <p>_____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?</p> <p>If Yes, describe: _____</p> <p>_____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?</p> <p>If Yes, describe: _____</p> <p>_____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</p> <p>Applicant/sponsor name: <u>STEPHEN ANDERSON</u> <u>GABRIEL E SENOR DC</u></p> <p>Signature: <u>Stephen Anderson</u></p> <p>Date: <u>6/25/21</u></p>		



Town of North Castle Planning Department

17 Bedford Road Armonk, New York 10504

(914) 273-3542 (914) 273-3554 (fax)

PRELIMINARY SITE PLAN COMPLETENESS REVIEW FORM

This form represents the standard requirements for a completeness review for all preliminary site plans. Failure to provide all of the information requested will result in a determination that the site plan application is incomplete. The review of the site plan for completeness will be based on the requirements of the Town of North Castle Town Code.

Project Name on Plan:

SITE PLAN - SHED ADDITION AND STONE RETAINING WALL

Initial Submittal Revised Preliminary

JOSEPH GENTILE

Street Location:

9 BARNARD ROAD

Zoning District: R-1A Property Acreage: 1.18 Tax Map Parcel ID: 108.03-3-54

Date: JUNE 28, 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. A complete application for site development plan approval form
2. Plan prepared by a registered architect or professional engineer
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. Proposed division of buildings into units of separate occupancy, detailed breakdowns of all proposed floor space by type of use and floor level
7. Existing topography and proposed grade elevations
8. Location of drives

PRELIMINARY SITE PLAN COMPLETENESS REVIEW FORM

Page 2

- 9. Location of any outdoor storage
- 10. Location of all existing and proposed site improvements, including drains, culverts, retaining walls and fences
- 11. Description of method of water supply and sewage disposal and location of such facilities
- 12. Location, design and size of all signs
- 13. Location and design of lighting, power and communication facilities
- 14. In an industrial district, specific uses proposed, number of employees for which buildings are designed, type of power to be used for any manufacturing process, type of wastes or by-products to be produced by any manufacturing process and proposed method of disposal of such wastes or by-products
- 15. In a multifamily district, floor plans of each dwelling unit shall be shown, and elevations and cross sections also may be required
- 16. 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.
- 17. Submission of a Zoning Conformance Table depicting the plan's compliance with the minimum requirements of the Zoning District
- 18. 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.
- 19. 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>

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

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: JOSEPH GENTILE Date: 6-25-21
 Tax Map Designation or Proposed Lot No.: 108.03-3-SA

Gross Lot Coverage

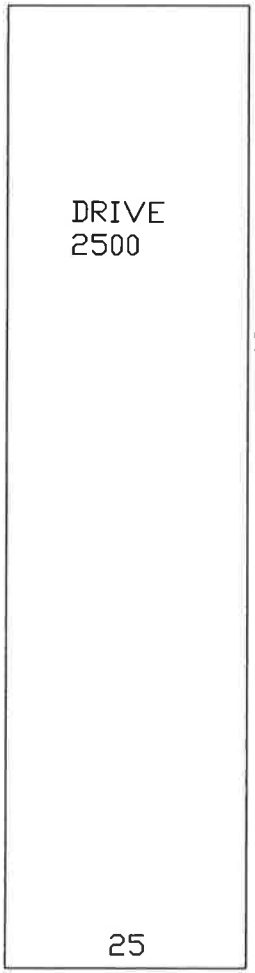
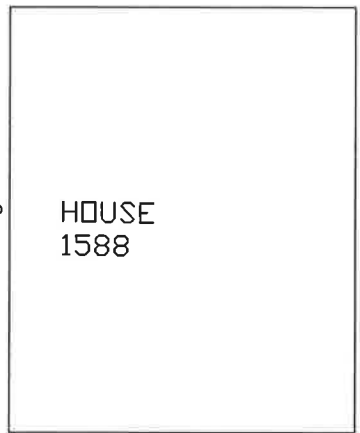
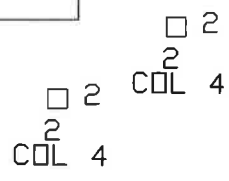
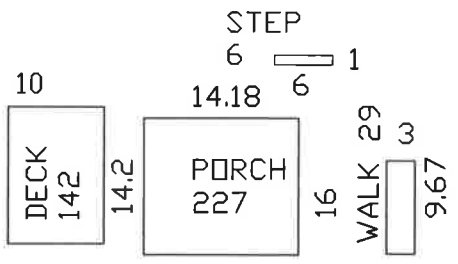
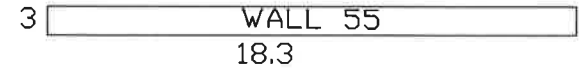
- | | | |
|-----|--|--|
| 1. | Total lot Area (Net Lot Area for Lots Created After 12/13/06): | <u>51406</u>
<u>50656</u> (SLOPE REDUCTION) |
| 2. | Maximum permitted gross land coverage (per Section 355-26.C(1)(a)): | <u>9988</u> |
| 3. | BONUS maximum gross land cover (per Section 355-26.C(1)(b)): | |
| | Distance principal home is beyond minimum front yard setback
<u>51</u> x 10 = | <u>510</u> |
| 4. | TOTAL Maximum Permitted gross land coverage = Sum of lines 2 and 3 | <u>10498</u> |
| 5. | Amount of lot area covered by principal building :
<u>1588</u> existing + _____ proposed = | <u>1588</u> |
| 6. | Amount of lot area covered by accessory buildings :
<u>358</u> existing + _____ proposed = | <u>358</u> |
| 7. | Amount of lot area covered by decks :
<u>142</u> existing + _____ proposed = | <u>142</u> |
| 8. | Amount of lot area covered by porches :
<u>227</u> existing + _____ proposed = | <u>227</u> |
| 9. | Amount of lot area covered by driveway, parking areas and walkways :
<u>2660</u> existing + _____ proposed = | <u>2660</u> |
| 10. | Amount of lot area covered by terraces :
<u>0</u> existing + _____ proposed = | <u>0</u> |
| 11. | Amount of lot area covered by tennis court, pool and mechanical equip :
_____ existing + _____ proposed = | _____ |
| 12. | Amount of lot area covered by all other structures :
<u>559</u> existing + <u>133</u> proposed = | <u>692</u> |
| 13. | Proposed gross land coverage : Total of Lines 5 – 12 = | <u>5667</u> |

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



6/25/21
 Date





TOWN OF NORTH CASTLE
 WESTCHESTER COUNTY
 17 Bedford Road
 Armonk, New York 10504-1898

PLANNING DEPARTMENT
 Adam R. Kaufman, AICP
 Director of Planning

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

FLOOR AREA CALCULATIONS WORKSHEET

Application Name or Identifying Title: JOSEPH GENTILE Date: 6-25-21

Tax Map Designation or Proposed Lot No.: 108.03-3-54

Floor Area

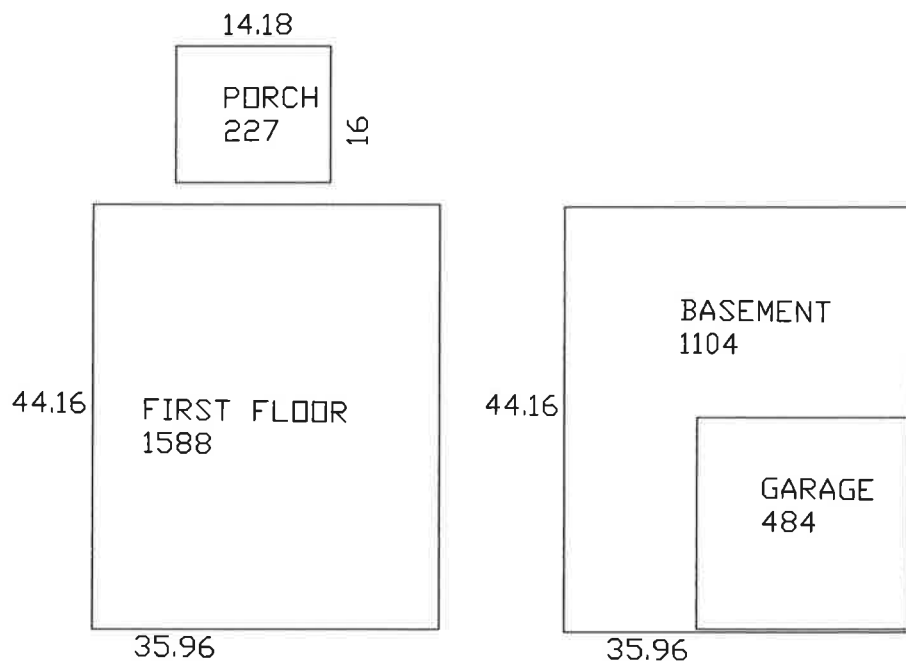
- | | | |
|-----|---|--|
| 1. | Total Lot Area (Net Lot Area for Lots Created After 12/13/06): | <u>51406</u>
<u>50656</u> (SLOPE REDUCTION) |
| 2. | Maximum permitted floor area (per Section 355-26.B(4)): | <u>8153</u> |
| 3. | Amount of floor area contained within first floor:
<u>1588</u> existing + _____ proposed = | <u>1588</u> |
| 4. | Amount of floor area contained within second floor:
<u>0</u> existing + _____ proposed = | <u>0</u> |
| 5. | Amount of floor area contained within garage:
<u>484</u> existing + _____ proposed = | <u>484</u> |
| 6. | Amount of floor area contained within porches capable of being enclosed:
<u>227</u> existing + _____ proposed = | <u>227</u> |
| 7. | Amount of floor area contained within basement (if applicable – see definition):
<u>1104</u> existing + _____ proposed = | <u>1104</u> |
| 8. | Amount of floor area contained within attic (if applicable – see definition):
<u>0</u> existing + _____ proposed = | <u>0</u> |
| 9. | Amount of floor area contained within all accessory buildings:
<u>358</u> existing + _____ proposed = | <u>358</u> |
| 10. | Proposed floor area: Total of Lines 3 – 9 = | <u>3761</u> |

If Line 10 is less than or equal to Line 2, your proposal **complies** with the Town's maximum floor area regulations and the project may proceed to the Residential Project Review Committee for review. If Line 10 is greater than Line 2 your proposal does not comply with the Town's regulations.

Signature and Seal of Professional Preparing Worksheet



6/25/21
Date



STERLING

Sterling Environmental Engineering, P.C.

March 19, 2021

Mr. Joe Gentile
9 Barnard Road
Armonk, New York 10504

Via Email (jgentile72@gmail.com)

Subject: Gentile Residence
9 Barnard Road, Armonk, NY 10504
STERLING File #26009

Dear Mr. Gentile,

Attached please find analytical results for a representative soil sample obtained at the subject address. Also attached is a figure by EMSL Analytical, Inc. indicating the sample location. We understand approximately 300 cubic yards (CY) of soil was delivered to the property for placement during construction of a retaining wall. The analytical results confirm that the soil conforms to the General Fill Use criteria presented in 6 NYCRR 360.13(f), with reported concentrations below the Protection of Public Health Residential Land Use Values and Protection of Groundwater Values expressed at 6 NYCRR 375-6.8(b). Accordingly, the soils fully comply with the testing requirements of §161-1 of the Town of North Castle code.

We note that the §161-1(A)(3) requirement to provide a certification by a professional engineer only applies to fill quantities in excess of 1,000 CY. Notwithstanding, I have reviewed the data provided to me and hereby certify the soil conforms to the General Fill criteria of 6 NYCRR 360.13 and is acceptable for use on residential property.

Please contact me should you have any questions or comments.

Very truly yours,

STERLING ENVIRONMENTAL ENGINEERING, P.C.



Mark P. Millspaugh, P.E.

President

Mark.Millspaugh@sterlingenvironmental.com

MPM/bc
Email/First Class Mail
Attachments

S:\Sterling\Projects\2006 Projects\All About Recycling - Yonkers NY - 26009\Correspondence\2021\2021-03-19_Gentile Letter.docx

"Serving our clients and the environment since 1993"

24 Wade Road ♦ Latham, New York 12110 ♦ Tel: 518-456-4900 ♦ Fax: 518-456-3532
E-mail: sterling@sterlingenvironmental.com ♦ Website: www.sterlingenvironmental.com



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Charles Copple**
Applied Technology Services, Inc.
481 Main Street
Suite 503
New Rochelle, NY 10801

10/6/2020

Phone: (914) 654-0080
Fax: (914) 654-1332

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/18/2020. The results are tabulated on the attached data pages for the following client designated project:

9 Bernard

The reference number for these samples is EMSL Order #012010263. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The MS recovery for Antimony and Lead fell outside control limits low. All other QC results met criteria.

The LCS/RSD recoveries for Thallium was outside the control limits (high), therefore the reported result may be biased high.

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012010263
 CustomerID: APPL53
 CustomerPO:
 ProjectID:

Attn: **Charles Cople**
Applied Technology Services, Inc.
481 Main Street
Suite 503
New Rochelle, NY 10801

Phone: (914) 654-0080
 Fax: (914) 654-1332
 Received: 09/18/20 9:30 AM

Project: 9 Bernard

Analytical Results

Client Sample Description 01 Front **Collected:** 9/15/2020 **Lab ID:** 012010263-0001
 4:25:00 PM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GCMS-SVOA					
3546/8270E	1,2,4-Trichlorobenzene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	1,2-Dichlorobenzene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	1,3-Dichlorobenzene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	1,4-Dichlorobenzene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2,4,6-Trichlorophenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2,4-Dichlorophenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2,4-Dimethylphenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2,4-Dinitrophenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2,4-Dinitrotoluene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2,6-Dinitrotoluene	ND	360 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2-Chloronaphthalene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2-Chlorophenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	2-Nitrophenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	3,3'-Dichlorobenzidine	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	4,6-Dinitro-2-methylphenol	ND	360 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	4-Bromophenyl-phenylether	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	4-Chloro-3-methylphenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	4-Chlorophenyl-phenylether	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	4-Nitrophenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Acenaphthene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Acenaphthylene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Anthracene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Benzidine	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Benzo(a)anthracene	20	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Benzo(a)pyrene	27	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Benzo(b)fluoranthene	32	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Benzo(g,h,i)perylene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Benzo(k)fluoranthene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Bis(2-chloroethoxy)methane	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Bis(2-chloroethyl)ether	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Bis(2-chloroisopropyl)ether	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Bis(2-ethylhexyl)phthalate	ND	530 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Butylbenzylphthalate	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Chrysene	19	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Di-n-butylphthalate	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC

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EMSL Order: 012010263
 CustomerID: APPL53
 CustomerPO:
 ProjectID:

Attn: **Charles Cople**
Applied Technology Services, Inc.
481 Main Street
Suite 503
New Rochelle, NY 10801

Phone: (914) 654-0080
 Fax: (914) 654-1332
 Received: 09/18/20 9:30 AM

Project: 9 Bernard

Analytical Results

Client Sample Description 01 Front **Collected:** 9/15/2020 **Lab ID:** 012010263-0001
 4:25:00 PM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GCMS-SVOA					
3546/8270E	Di-n-octylphthalate	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Dibenz(a,h)anthracene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Diethylphthalate	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Dimethylphthalate	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Fluoranthene	33	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Fluorene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Hexachlorobenzene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Hexachlorobutadiene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Hexachlorocyclopentadiene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Hexachloroethane	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Indeno(1,2,3-cd)pyrene	22	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Isophorone	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	N-Nitroso-di-n-propylamine	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	N-Nitrosodimethylamine	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	N-Nitrosodiphenylamine	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Naphthalene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Nitrobenzene	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Pentachlorophenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Phenanthrene	ND	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Phenol	ND	180 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
3546/8270E	Pyrene	29	18 µg/Kg	9/28/2020 AB	09/28/20 0:00 AC
8270D Library Search-Semivolatiles	See Attached		N/A	9/28/2020 AB	09/28/20 0:00 AC
GCMS-VOA					
8260D	1,1,1,2-Tetrachloroethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,1,1-Trichloroethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,1,2,2-Tetrachloroethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,1,2-Trichloroethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,1-Dichloroethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,1-Dichloroethene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,1-Dichloropropene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,2,3-Trichlorobenzene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	1,2,3-Trichloropropane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF

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Analytical Results

Client Sample Description 01 Front *Collected:* 9/15/2020 *Lab ID:* 012010263-0001
 4:25:00 PM

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
GCMS-VOA							
8260D	1,2,4-Trichlorobenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,2,4-Trimethylbenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,2-Dibromo-3-chloropropane	ND	11 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,2-Dibromoethane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,2-Dichlorobenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,2-Dichloroethane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,2-Dichloropropane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,3,5-Trimethylbenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,3-Dichlorobenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,3-Dichloropropane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	1,4-Dichlorobenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	2,2-Dichloropropane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	2-Butanone	ND	11 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	2-Chloroethyl Vinyl Ether	ND	11 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	2-Chlorotoluene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	2-Hexanone	ND	11 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	4-Chlorotoluene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	4-Isopropyltoluene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	4-Methyl-2-pentanone	ND	11 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Acetone	ND	11 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Acetonitrile	ND	54 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Acrolein	ND	22 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Acrylonitrile	ND	11 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Benzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Bromobenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Bromochloromethane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Bromodichloromethane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Bromoform	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Bromomethane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Carbon Disulfide	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Carbon Tetrachloride	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Chlorobenzene	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Chloroethane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Chloroform	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF
8260D	Chloromethane	ND	5.4 µg/Kg	9/28/2020	WF	09/29/20 0:00	WF

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Analytical Results

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<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
GCMS-VOA					
8260D	Cis-1,2-dichloroethene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Cis-1,3-dichloropropene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Dibromochloromethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Dibromomethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Dichlorodifluoromethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Ethylbenzene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Hexachlorobutadiene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Hexachloroethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Isopropylbenzene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	m&p-xylenes	ND	11 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	o-xylene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Methyl-tert butyl ether	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	N-butylbenzene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Methylene Chloride	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	N-propylbenzene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Naphthalene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Sec-butylbenzene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Styrene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	tert-Butyl Alcohol	ND	22 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Tert-butylbenzene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Tetrachloroethene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Tetrahydrofuran	ND	11 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Toluene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Trans-1,2-dichloroethene	ND	5.4 µg/Kg	9/28/2020 WF	08/29/20 0:00 WF
8260D	Trans-1,3-dichloropropene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Trans-1,4-dichloro-2-butene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Trichloroethene	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Trichlorofluoromethane	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Vinyl Acetate	ND	11 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260D	Vinyl Chloride	ND	5.4 µg/Kg	9/28/2020 WF	09/29/20 0:00 WF
8260C Library Search-Volatiles	See Attached		N/A	9/28/2020 WF	09/29/20 0:00 WF
GC-SVOA					
3540C/8082A	Aroclor-1016	ND	52 µg/Kg	9/24/2020 AB	09/25/20 0:00 EH
3540C/8082A	Aroclor-1221	ND	52 µg/Kg	9/24/2020 AB	09/25/20 0:00 EH

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Analytical Results

Client Sample Description 01 Front **Collected:** 9/15/2020 **Lab ID:** 012010263-0001
 4:25:00 PM

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
GC-SVOA							
3540C/8082A	Aroclor-1232	ND	52 µg/Kg	9/24/2020	AB	09/25/20 0:00	EH
3540C/8082A	Aroclor-1242	ND	52 µg/Kg	9/24/2020	AB	09/25/20 0:00	EH
3540C/8082A	Aroclor-1248	ND	52 µg/Kg	9/24/2020	AB	09/25/20 0:00	EH
3540C/8082A	Aroclor-1254	ND	52 µg/Kg	9/24/2020	AB	09/25/20 0:00	EH
3540C/8082A	Aroclor-1260	ND	52 µg/Kg	9/24/2020	AB	09/25/20 0:00	EH
3540C/8082A	Aroclor-1262	ND	52 µg/Kg	9/24/2020	AB	09/25/20 0:00	EH
3540C/8082A	Aroclor-1268	ND	52 µg/Kg	9/24/2020	AB	09/25/20 0:00	EH
8081A	Alpha-BHC	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Gamma-BHC	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Heptachlor	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Aldrin	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Beta-BHC	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Delta-BHC	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Heptachlor Epoxide	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Endosulfan II	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Endosulfan I	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Gamma-chlordane	3.9	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Alpha-chlordane	4.8	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	4,4'-DDE	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Dieldrin	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Endrin	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	4,4'-DDD	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	4,4'-DDT	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Endrin Aldehyde	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Endosulfan Sulfate	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Methoxychlor	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Endrin Ketone	ND	3.6 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Tech Chlordane	31	14 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
8081A	Toxaphene	ND	36 µg/Kg	9/29/2020	AB	09/30/20 0:00	TL
METALS							
Mercury by EPA 7471B	Mercury	0.055	0.049 mg/Kg	9/28/2020	SW	09/28/20 12:40	SW
3050B/6010D	Antimony	3.3	2.0 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Arsenic	9.7	2.0 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Beryllium	ND	0.39 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE

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METALS							
3050B/6010D	Cadmium	ND	0.39 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Chromium	30	0.99 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Copper	25	2.0 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Lead	79	0.99 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Nickel	18	2.0 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Selenium	ND	2.0 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Silver	ND	0.99 mg/Kg	9/24/2020	AM	09/25/20 18:41	BE
3050B/6010D	Thallium	31	1.8 mg/Kg	9/24/2020	AM	09/28/20 18:43	BE
3050B/6010D	Zinc	86	1.8 mg/Kg	9/24/2020	AM	09/28/20 18:43	BE
WET							
SM 2540G	Total Solids	93	N/A %	9/29/2020	AS	09/29/20 0:00	AS
9010B/9014	Total Cyanide	ND	0.53 mg/Kg	9/22/2020	MM	09/22/20 0:00	MM
9065	Phenolics	ND	2.7 mg/Kg	10/5/2020	MM	10/05/20 0:00	MM

Definitions:

MDL - method detection limit
 J - Result was below the reporting limit, but at or above the MDL
 ND - indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)
 D - Dilution Sample required a dilution which was used to calculate final results

EMSL Analytical Inc.

VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

		Customer Sample#:	01 Front		
Lab Name:	EMSL ANALYTICAL	Project:			
EMSL Sample ID:	012010263-0001	Sample Matrix:	Soils		
Lab File ID:	R03922.D	Sampling Date:	9/15/2020		
Instrument ID:	VOA MSD-R	Analysis Date:	9/29/2020 12:49:00 AM		
Analyst:	WRF	Level (low/med):	LOW		
GC Column:	RTX-624 SIL MS (0.25 mm)	Nominal Amount:	5 G		
Sample wt/vol:	5 G	Method:	SW846 8260D		
Dilution Factor:	1	Moisture(%)	7		
Sample Container:	Jar (SW-846 5035)				
Heated Purge (Y/N):	Y				
Compounds Found:	1				
CAS NO	COMPOUND NAME	RT	EST. CONC. (µg/Kg)	Q	
No Compounds Found					
Qualifier Definitions U = Undetected B = Compound detected in method blank E = Estimated value J = Estimated Concentration. Detected below Practical Quantitation Level D = Dilution					

EMSL Analytical Inc.

SEMIVOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Customer Sample#:		01 Front		
Lab Name:	EMSL Analytical Inc.	Project:		
EMSL Sample ID:	012010263-0001	Sample Matrix:	Soils	
Lab File ID:	C031836.D	Sampling Date:	9/15/2020	
Instrument ID:	SVOA MSD-C	Date Extracted:	9/28/2020	
Analyst:	ac	Analysis Date:	9/28/2020 2:26:00 PM	
GC Column:	Rxi-5SiIMS (0.25 mm)	Sample wt/vol:	30.15 G	
Level (low/med):	LOW	Dilution Factor:	1	
% Moisture:	7	Conc. Extract Volume:	1000 (ml)	
PH:		Injection Volume:	1 (ul)	
GPC Cleanup(Y/N):	N			
Method:	SW846 8270-D BNA			
Compounds Found:	4			

CAS NO	COMPOUND NAME	RT	EST. CONC. (µg/Kg)	Q
	aldol condensation	3.02	990	J
000099-98-9	1,4-Benzenediamine, N,N-dimethyl-	6.17	220	J
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-diol	6.33	160	J
	Alkane: Straight-Chain	12.48	210	J

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated Concentration.
 D = Dilution

Appendix 5
Allowable Constituent Levels for Imported Fill or Soil
Subdivision 5.4(e)

Source: This table is derived from soil cleanup objective (SCO) tables in 6 NYCRR 375. Table 375-6.8(a) is the source for unrestricted use and Table 375-6.8(b) is the source for restricted use.

Note: For constituents not included in this table, refer to the contaminant for supplemental soil cleanup objectives (SSCOs) in the Commissioner Policy on Soil Cleanup Guidance. If an SSCO is not provided for a constituent, contact the DER PM to determine a site-specific level.

Constituent	Unrestricted Use	Residential Use	Restricted Residential Use	Commercial or Industrial Use	If Ecological Resources are Present
Metals					
Arsenic	13	16	16	16	13
Barium	350	350	400	400	433
Beryllium	7.2	14	47	47	10
Cadmium	2.5	2.5	4.3	7.5	4
Chromium, Hexavalent ¹	1 ³	19	19	19	1 ³
Chromium, Trivalent ¹	30	36	180	1500	41
Copper	50	270	270	270	50
Cyanide	27	27	27	27	NS
Lead	63	400	400	450	63
Manganese	1600	2000	2000	2000	1600
Mercury (total)	0.18	0.73	0.73	0.73	0.18
Nickel	30	130	130	130	30
Selenium	3.9	4	4	4	3.9
Silver	2	8.3	8.3	8.3	2
Zinc	109	2200	2480	2480	109
PCBs/Pesticides					
2,4,5-TP Acid (Silvex)	3.8	3.8	3.8	3.8	NS
4,4'-DDE	0.0033 ³	1.8	8.9	17	0.0033 ³
4,4'-DDT	0.0033 ³	1.7	7.9	47	0.0033 ³
4,4'-DDD	0.0033 ³	2.6	13	14	0.0033 ³
Aldrin	0.005	0.019	0.097	0.19	0.14
Alpha-BHC	0.02	0.02	0.02	0.02	0.04 ⁴
Beta-BHC	0.036	0.072	0.09	0.09	0.6
Chlordane (alpha)	0.094	0.91	2.9	2.9	1.3
Delta-BHC	0.04	0.25	0.25	0.25	0.04 ⁴
Dibenzofuran	7	14	59	210	NS
Dieldrin	0.005	0.039	0.1	0.1	0.006
Endosulfan I	2.4 ²	4.8	24	102	NS
Endosulfan II	2.4 ²	4.8	24	102	NS
Endosulfan sulfate	2.4 ²	4.8	24	200	NS
Endrin	0.014	0.06	0.06	0.06	0.014
Heptachlor	0.042	0.38	0.38	0.38	0.14
Lindane	0.1	0.1	0.1	0.1	6
Polychlorinated biphenyls	0.1	1	1	1	1

Constituent	Unrestricted Use	Residential Use	Restricted Residential Use	Commercial or Industrial Use	If Ecological Resources are Present
Semi-volatile Organic Compounds					
Acenaphthene	20	98	98	98	20
Acenaphthylene	100	100	100	107	NS
Anthracene	100	100	100	500	NS
Benzo(a)anthracene	1	1	1	1	NS
Benzo(a)pyrene	1	1	1	1	2.6
Benzo(b)fluoranthene	1	1	1	1.7	NS
Benzo(g,h,i)perylene	100	100	100	500	NS
Benzo(k)fluoranthene	0.8	1	1.7	1.7	NS
Chrysene	1	1	1	1	NS
Dibenz(a,h)anthracene	0.33 ³	0.33 ³	0.33 ³	0.56	NS
Fluoranthene	100	100	100	500	NS
Fluorene	30	100	100	386	30
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	NS
m-Cresol(s)	0.33 ³	0.33 ³	0.33 ³	0.33 ³	NS
Naphthalene	12	12	12	12	NS
o-Cresol(s)	0.33 ³	0.33 ³	0.33 ³	0.33 ³	NS
p-Cresol(s)	0.33	0.33	0.33	0.33	NS
Pentachlorophenol	0.8 ³	0.8 ³	0.8 ³	0.8 ³	0.8 ³
Phenanthrene	100	100	100	500	NS
Phenol	0.33 ³	0.33 ³	0.33 ³	0.33 ³	30
Pyrene	100	100	100	500	NS
Volatile Organic Compounds					
1,1,1-Trichloroethane	0.68	0.68	0.68	0.68	NS
1,1-Dichloroethane	0.27	0.27	0.27	0.27	NS
1,1-Dichloroethene	0.33	0.33	0.33	0.33	NS
1,2-Dichlorobenzene	1.1	1.1	1.1	1.1	NS
1,2-Dichloroethane	0.02	0.02	0.02	0.02	10
1,2-Dichloroethene(cis)	0.25	0.25	0.25	0.25	NS
1,2-Dichloroethene(trans)	0.19	0.19	0.19	0.19	NS
1,3-Dichlorobenzene	2.4	2.4	2.4	2.4	NS
1,4-Dichlorobenzene	1.8	1.8	1.8	1.8	20
1,4-Dioxane	0.1 ³	0.1 ³	0.1 ³	0.1 ³	0.1
Acetone	0.05	0.05	0.05	0.05	2.2
Benzene	0.06	0.06	0.06	0.06	70
Butylbenzene	12	12	12	12	NS
Carbon tetrachloride	0.76	0.76	0.76	0.76	NS
Chlorobenzene	1.1	1.1	1.1	1.1	40
Chloroform	0.37	0.37	0.37	0.37	12
Ethylbenzene	1	1	1	1	NS
Hexachlorobenzene	0.33 ³	0.33 ³	1.2	3.2	NS
Methyl ethyl ketone	0.12	0.12	0.12	0.12	100
Methyl tert-butyl ether	0.93	0.93	0.93	0.93	NS
Methylene chloride	0.05	0.05	0.05	0.05	12

Volatile Organic Compounds (continued)					
Propylbenzene-n	3.9	3.9	3.9	3.9	NS
Sec-Butylbenzene	11	11	11	11	NS
Tert-Butylbenzene	5.9	5.9	5.9	5.9	NS
Tetrachloroethene	1.3	1.3	1.3	1.3	2
Toluene	0.7	0.7	0.7	0.7	36
Trichloroethene	0.47	0.47	0.47	0.47	2
Trimethylbenzene-1,2,4	3.6	3.6	3.6	3.6	NS
Trimethylbenzene-1,3,5	8.4	8.4	8.4	8.4	NS
Vinyl chloride	0.02	0.02	0.02	0.02	NS
Xylene (mixed)	0.26	1.6	1.6	1.6	0.26

All concentrations are in parts per million (ppm)

NS = Not Specified

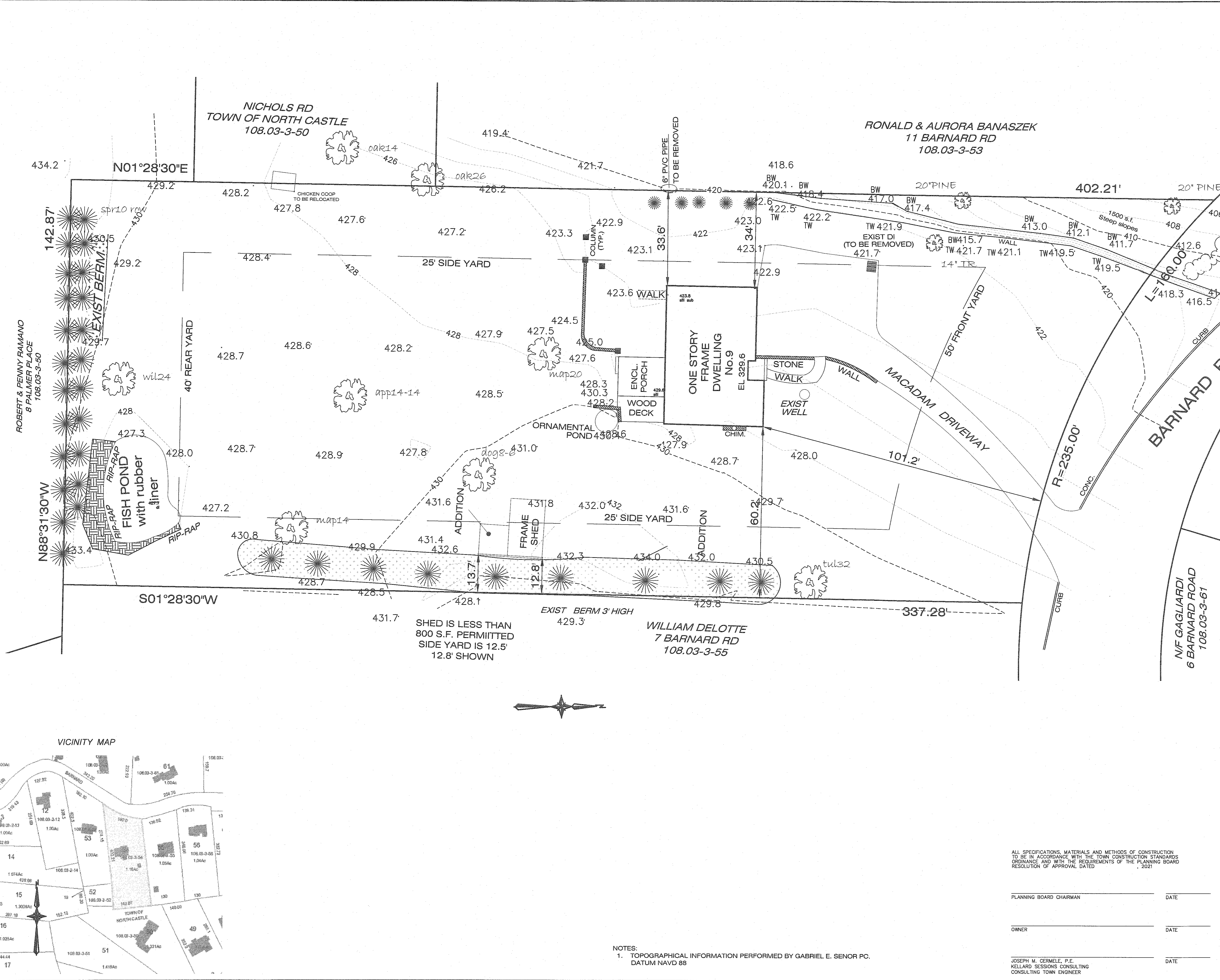
Footnotes:

¹ The SCO for Hexavalent or Trivalent Chromium is considered to be met if the analysis for the total species of this contaminant is below the specific SCO for Hexavalent Chromium.

² The SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.

³ For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

⁴ This SCO is derived from data on mixed isomers of BHC.



LEGEND

UTILITY POLE	SEWER MANHOLE
SIGN POST	WATER MANHOLE
HYDRANT	ELECTRIC MANHOLE
WATER VALVE	DRAIN MANHOLE
GAS VALVE	MANHOLE
LIGHT POLE	ELECTRIC BOX
GUY WIRES	EXISTING GRADE (102)
TELE. MANHOLE	PROPOSED GRADE
SILT FENCE	14" TREE SIZE
	TREE TO BE REMOVED

NO	DATE	DESC	BY

REVISIONS

SITE PLAN
SHED ADDITION AND
STONE RETAINING WALL

EXISTING CONDITIONS

PREPARED FOR:
JOSEPH GENTILE
STREET: 9 BARNARD RD

TOWN OF NORTH CASTLE

TAX LOT 108.03-3-54

WESTCHESTER COUNTY, NEW YORK

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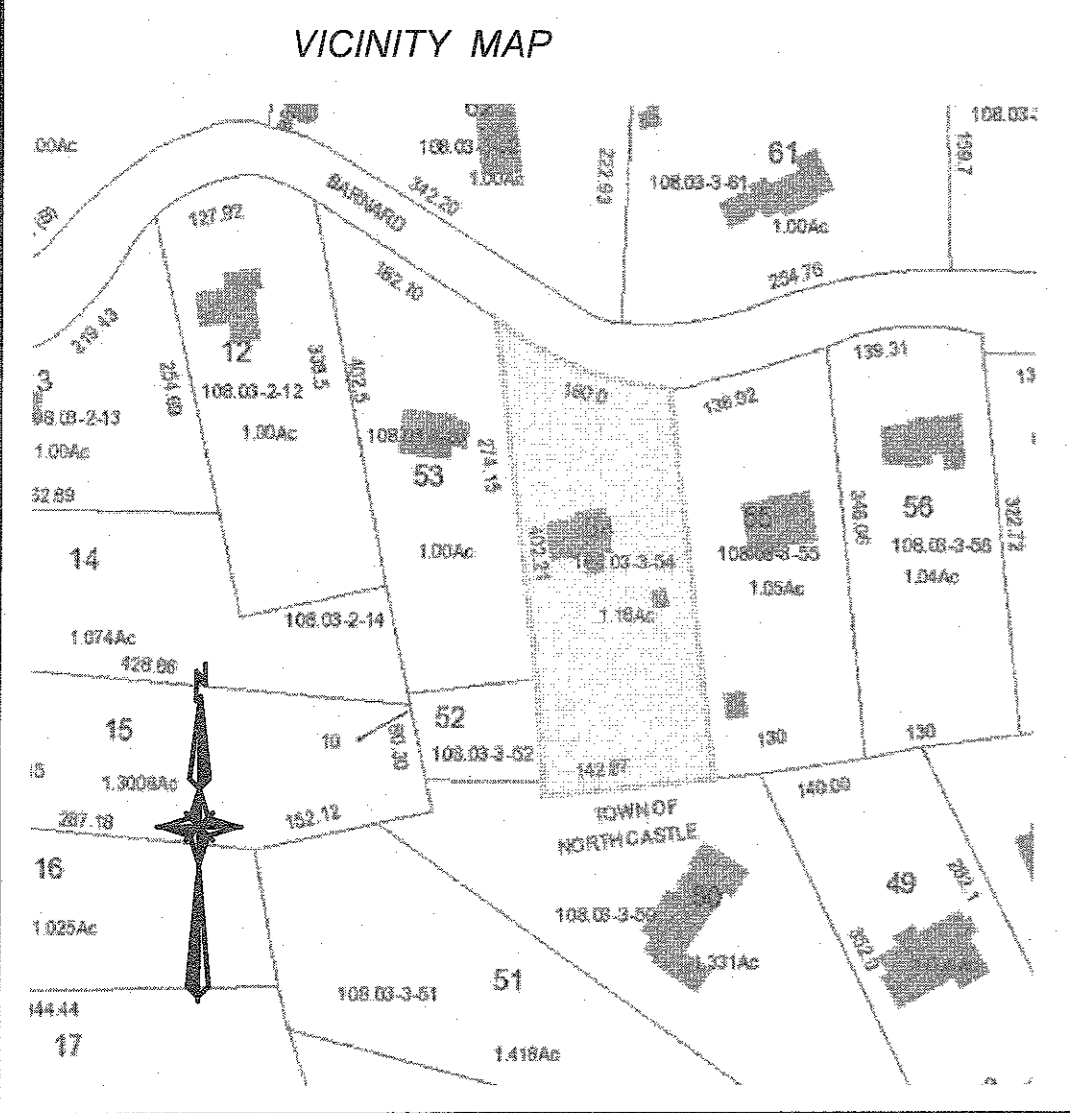
GABRIEL E. SENOR, P.C.
CONSULTING ENGINEER, LAND SURVEYOR
30 NORTH CENTRAL AVE., HARTSDALE, NEW YORK, 10830
(914) 422-0270 FAX 422-3009

SCALE: 1" = 15'

DATE: JUNE 20, 2021

DRAWN BY: SGA | CHECKED BY: ES.

S-1



ALL SPECIFICATIONS, MATERIALS AND METHODS OF CONSTRUCTION TO BE IN ACCORDANCE WITH THE TOWN CONSTRUCTION STANDARDS ORDINANCE AND WITH THE REQUIREMENTS OF THE PLANNING BOARD RESOLUTION OF APPROVAL DATED 12/20/21

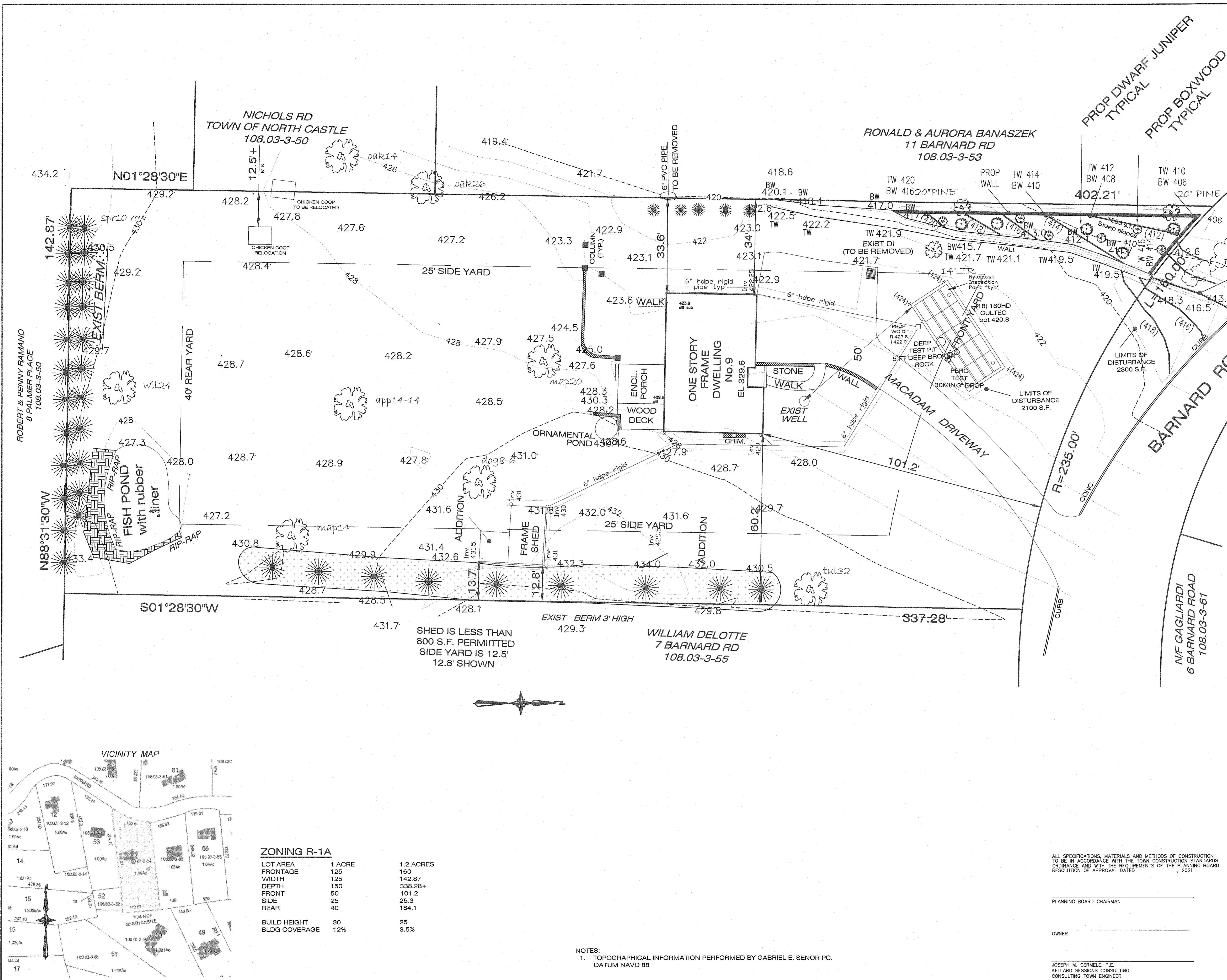
PLANNING BOARD CHAIRMAN _____ DATE _____

OWNER _____ DATE _____

JOSEPH M. CERMELE, P.E.
KELLARD SESSIONS CONSULTING
CONSULTING TOWN ENGINEER

DATE _____

NOTES:
1. TOPOGRAPHICAL INFORMATION PERFORMED BY GABRIEL E. SENOR P.C.
DATUM NAVD 88



LEGEND

UTILITY POLE	SEWER MANHOLE
SIGN POST	WATER MANHOLE
HYDRANT	ELECTRIC MANHOLE
WATER VALVE	DRAIN MANHOLE
GAS VALVE	MANHOLE
LIGHT POLE	ELECTRIC BDX
GUY WIRES	EXISTING GRADE
TELE. MANHOLE	PROPOSED GRADE
SILT FENCE	TREE
	TREE TO BE REMOVED

NO	DATE	DESC	BY
REVISIONS			

SITE PLAN
SHED ADDITION AND
STONE RETAINING WALL
EXISTING CONDITIONS

PREPARED FOR:
 JOSEPH GENTILE
 STREET: 9 BARNARD RD
 TOWN OF NORTH CASTLE
 TAX LOT 108.03-3-54

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GABRIEL E. SENOR, P.C.
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 30 NORTH CENTRAL AVE., HARRISBURG, NEW YORK 12530
 (518) 422-0079 FAX 422-3009

SCALE: 1" = 15'
 DATE: JUNE 20, 2021
 DRAWN BY: SGA
 CHECKED BY: ES.

S-2

ZONING R-1A

LOT AREA	1 ACRE	1.2 ACRES
FRONTAGE	125	160
WIDTH	125	142.87
DEPTH	150	338.28+
FRONT	50	101.2
SIDE	25	25.3
REAR	40	184.1
BUILD HEIGHT	30	25
BLDG COVERAGE	12%	3.5%

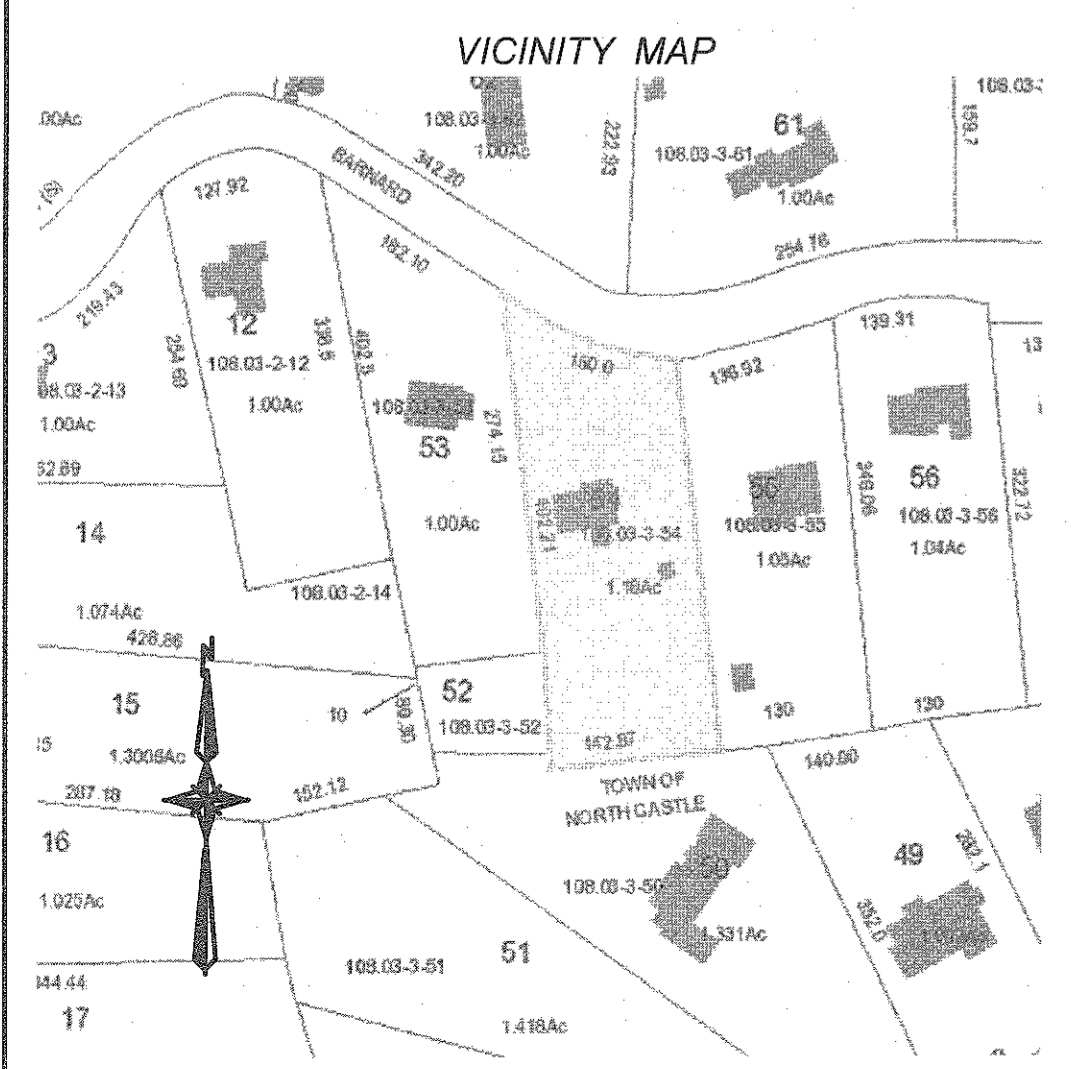
NOTES:
 1. TOPOGRAPHICAL INFORMATION PERFORMED BY GABRIEL E. SENOR P.C.
 DATUM NAVD 88

ALL SPECIFICATIONS, MATERIALS AND METHODS OF CONSTRUCTION TO BE IN ACCORDANCE WITH THE TOWN CONSTRUCTION STANDARDS ORDINANCE AND WITH THE REQUIREMENTS OF THE PLANNING BOARD RESOLUTION OF APPROVAL DATED 1/2021

PLANNING BOARD CHAIRMAN _____

OWNER _____

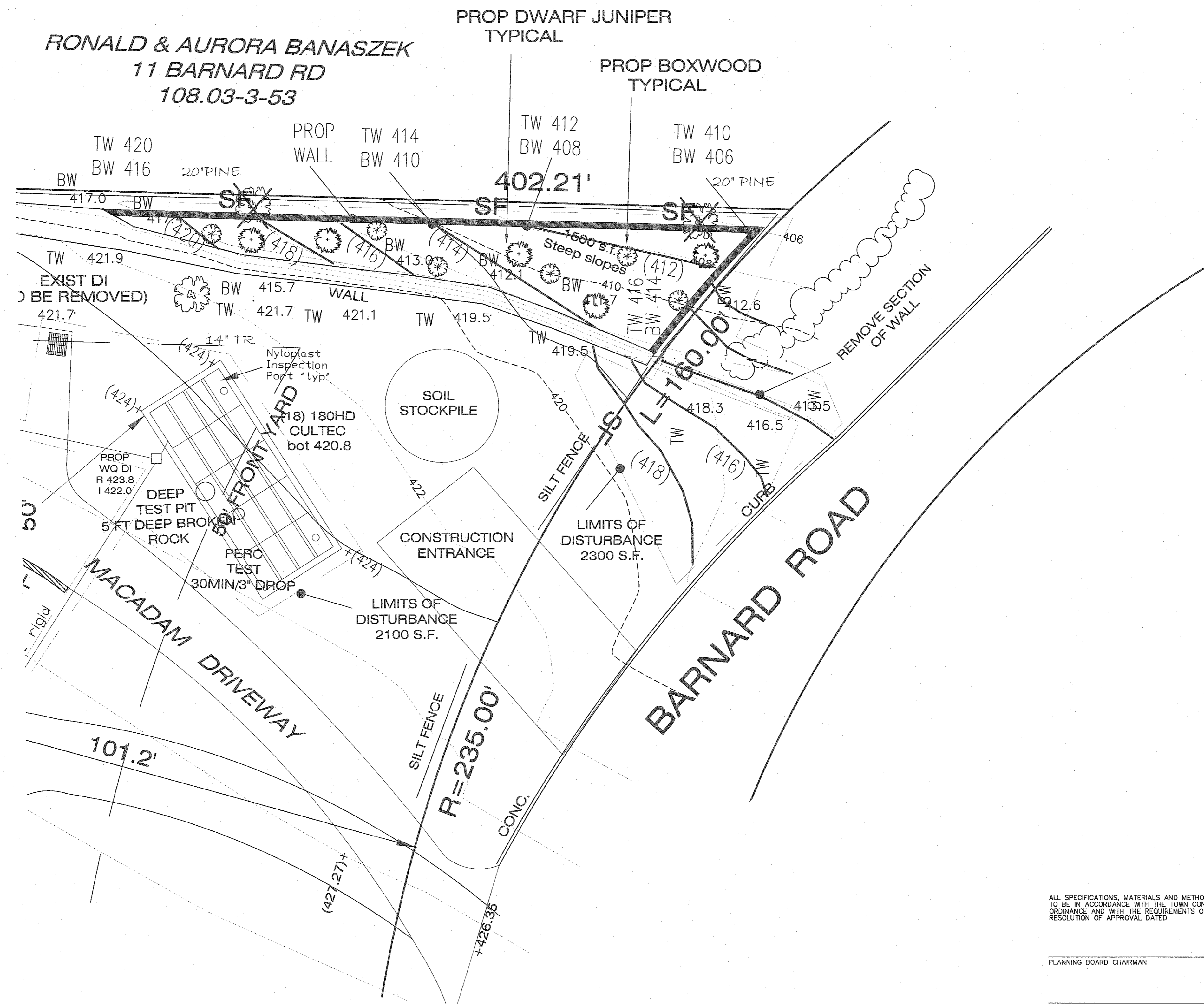
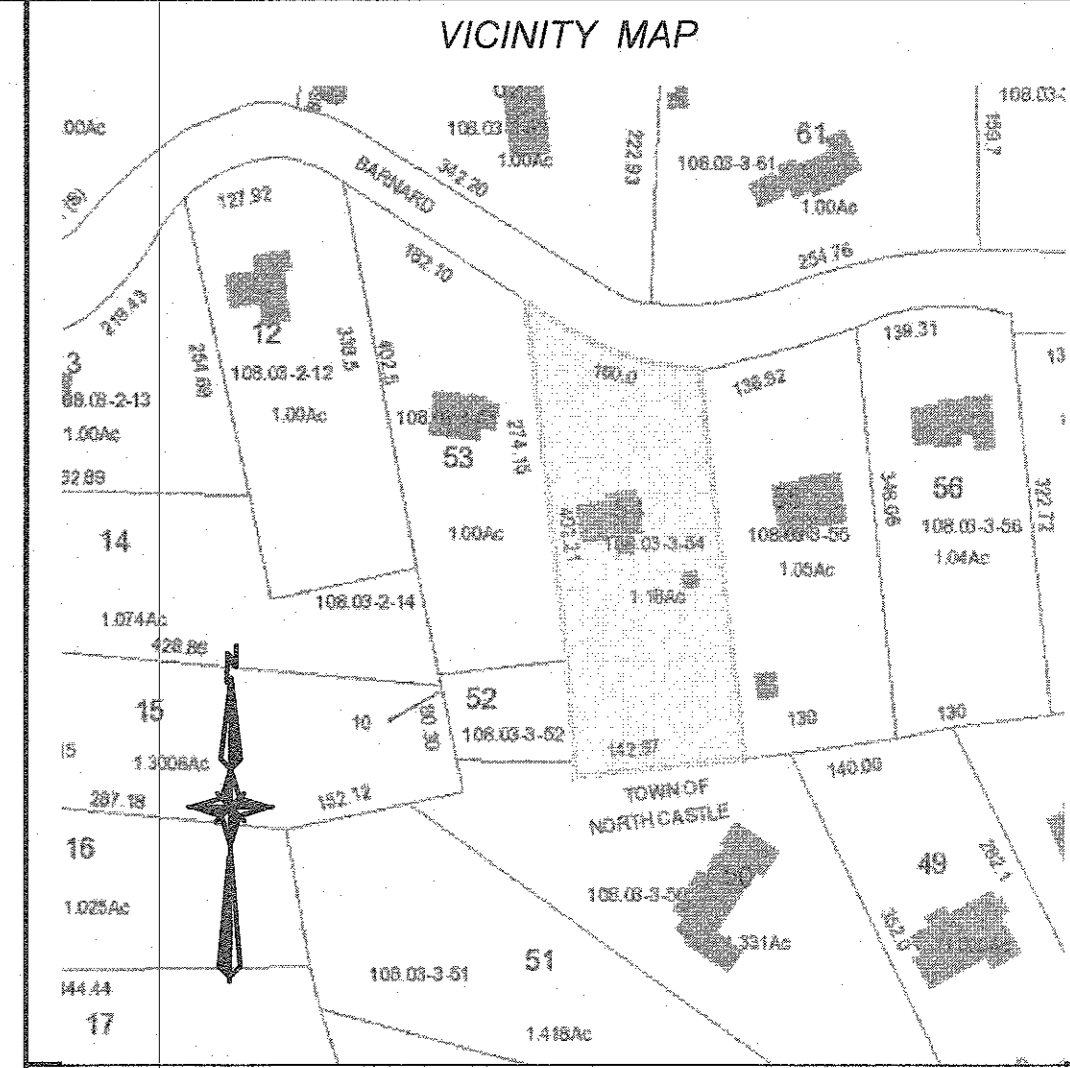
JOSEPH M. CERMELE, P.E.
 KELLARD SESSIONS CONSULTING
 CONSULTING TOWN ENGINEER





5 DWARF JUNIPER JUNIPERUS PROCUMBENS 'NANA' 1'-2'

6 BOXWOOD BUXUS 'GREEN VELVET' 3'-4' HIGH



LEGEND

○ UTILITY POLE	⊙ SEWER MANHOLE
⊙ SIGN POST	⊙ WATER MANHOLE
⊙ HYDRANT	⊙ ELECTRIC MANHOLE
⊙ WATER VALVE	⊙ DRAIN MANHOLE
⊙ GAS VALVE	⊙ MANHOLE
⊙ LIGHT POLE	⊙ ELECTRIC BOX
⊙ GUY WIRES	— 102 —
⊙ TELE. MANHOLE	— (102) —
SF — SF — SF —	— PROPOSED GRADE
	⊙ 14 TREE
	⊙ SIZE
	⊙ TREE TO BE REMOVED

NO	DATE	DESC	BY
REVISIONS			

SITE PLAN
SHED ADDITION AND
STONE RETAINING WALL

PREPARED FOR:
 JOSEPH GENTILE
 STREET: 9 BARNARD RD
 TOWN OF NORTH CASTLE
 TAX LOT 108.03-3-54

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 (914) 422-0070 FAX 422-3009

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 DATE: JUNE 20, 2011
 DRAWN BY: SGA
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S-3

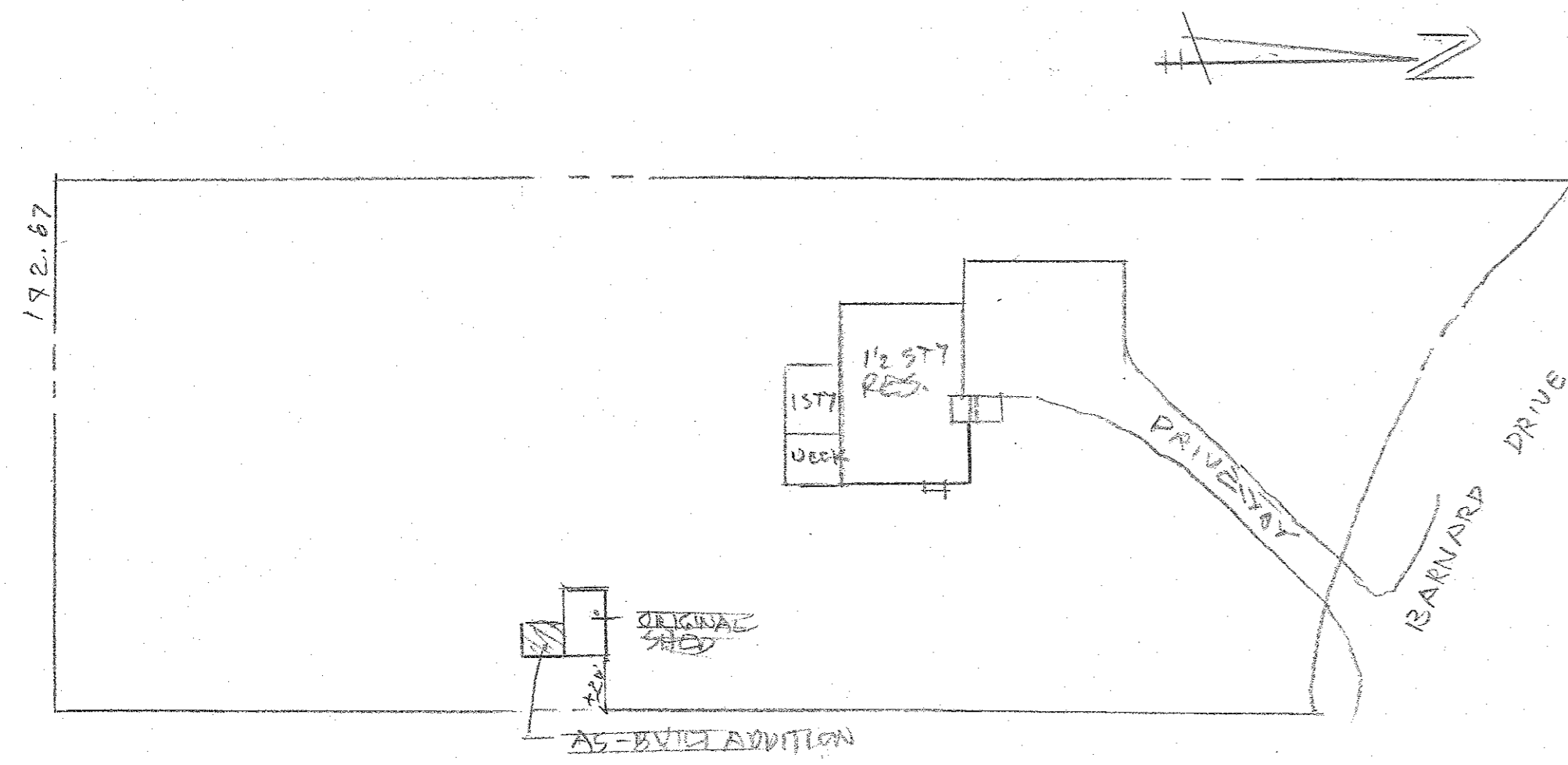
NOTES:
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 DATUM NAVD 88

ALL SPECIFICATIONS, MATERIALS AND METHODS OF CONSTRUCTION TO BE IN ACCORDANCE WITH THE TOWN CONSTRUCTION STANDARDS ORDINANCE AND WITH THE REQUIREMENTS OF THE PLANNING BOARD RESOLUTION OF APPROVAL DATED _____, 2011

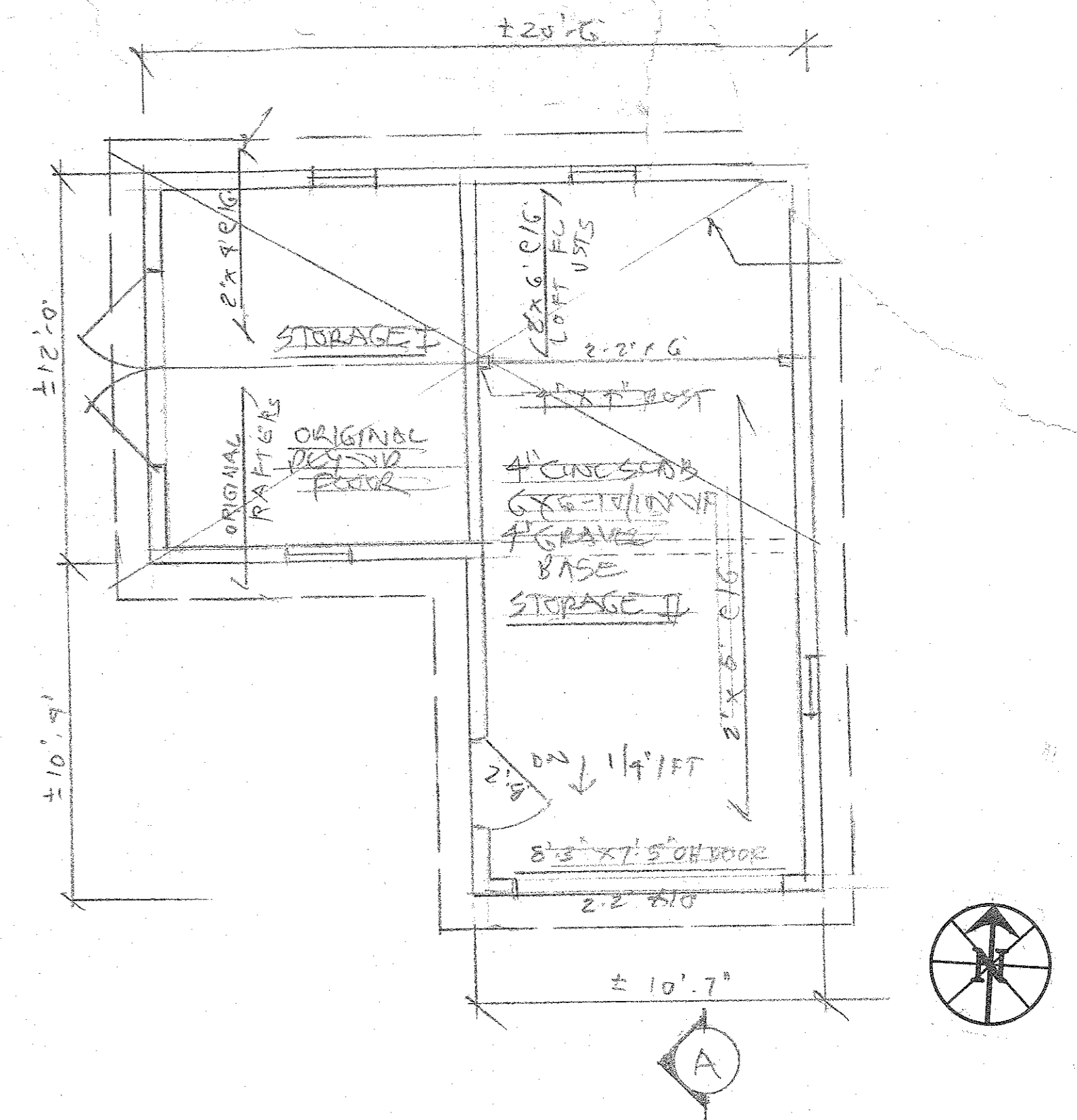
PLANNING BOARD CHAIRMAN _____

OWNER _____

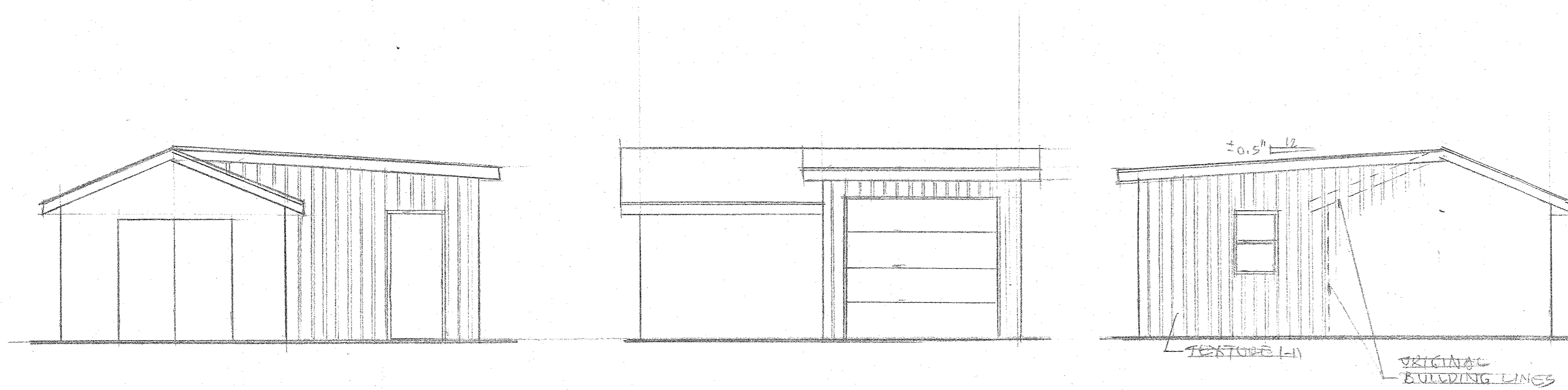
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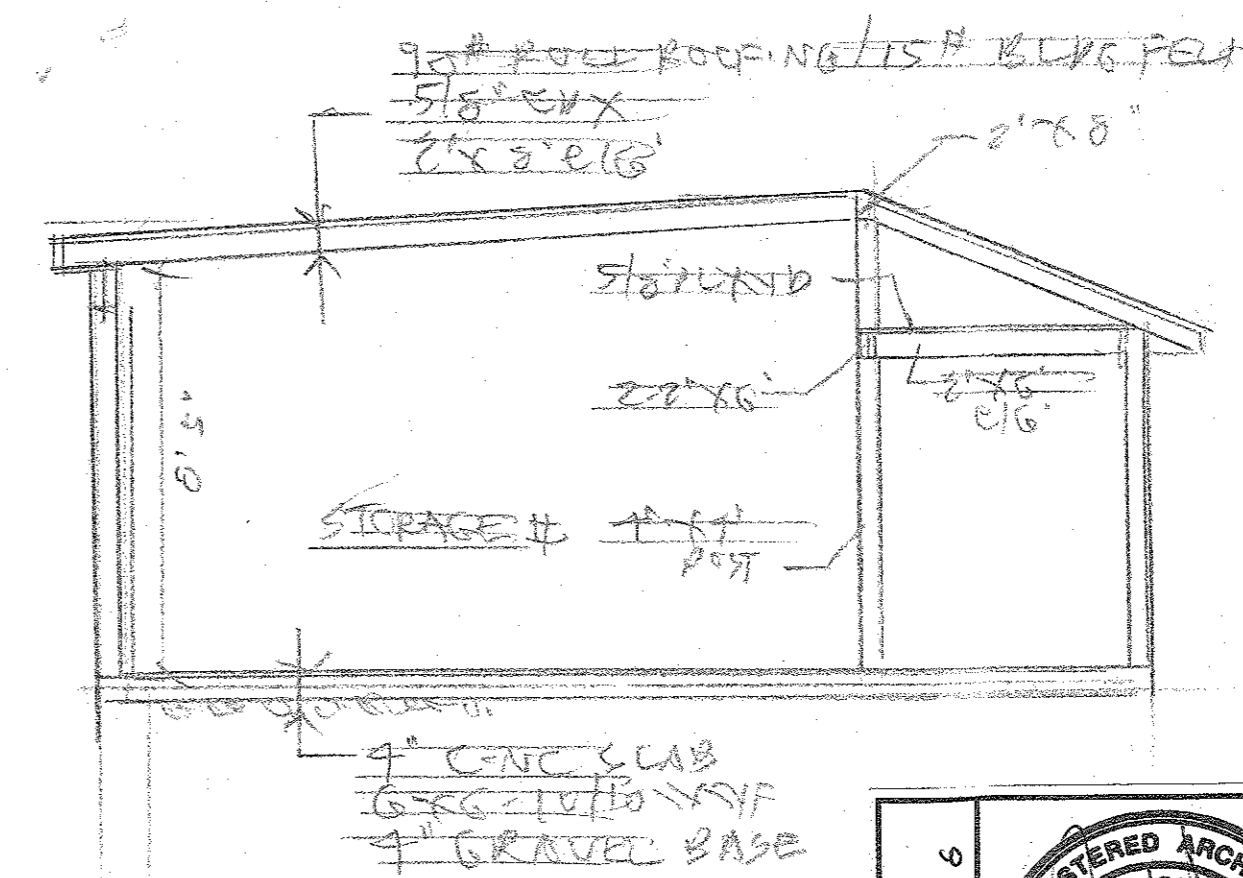
SITE PLAN scale: 1/8" = 1'-0"



FIRST FLOOR PLAN scale: 1/4" = 1'-0"



WEST SOUTH EAST
EXTERIOR ELEVATIONS scale: 1/2" = 1'-0"



SECTION A scale: 1/8" = 1'-0"

DATE 10.23.16		PROJECT	AS-BUILT ADDITION TO SHED MR JOSEPH GENTILE 9 BARNARD DRIVE (ARMONK) TOWN OF NORTH CASTLE NY	SHEET E-1
		John Cotugno Architect, P.C. 90 N Central Ave Hartsdale N.Y. tel. 914 589 2521 10530		