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: 7 HEMLOCK HOLLOW PLACE, ARMONK, NY 10504

Section III- DESCRIPTION OF WORK:

POOL HOUSE

Section III- CONTACT INFORMATION:

APPLICANT: EVAN MITTMAN

ADDRESS: 643 BEDFORD ROAD, ARMONK, NEW YORK 10504

PHONE: 914-273-5700 MOBILE: EMAIL: tomdio@djdmgmt.com

PROPERTY OWNER: SAME AS ABOVE

ADDRESS:

PHONE: MOBILE: EMAIL:

PROFESSIONAL:: RALPH ALFONZETTI, P.E.

ADDRESS: 14 SMITH AVENUE, MOUNT KISCO, NY 10549

PHONE: 914.666.9800 MOBILE:

EMAIL: RALPHA@ALFONZETTIENG.COM

Section IV- PROPERTY INFORMATION:

Zone: R-2A Tax ID (lot designation) 94.04-2-29.3

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 HOUSE

☐ Initial Submittal ☒ Revised Preliminary

Street Location: 7 HEMLOCK HOLLOW PLACE

Zoning District: R-2A Property Acreage: 4.5 Tax Map Parcel ID: _____

Date: _____

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

☐	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.

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PLANNING DEPARTMENT
Adam R. Kaufman, AICP
Director of Planning

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GROSS LAND COVERAGE CALCULATIONS WORKSHEET

Application Name or Identifying Title: 7 HEMLOCK HOLLOW PL Date: 03/19/2024

Tax Map Designation or Proposed Lot No.: 94.04-2-29.3

Gross Lot Coverage

1.	Total lot Area (Net Lot Area for Lots Created After 12/13/06):	184,017 S.F.
2.	**Maximum** permitted gross land coverage (per Section 355-26.C(1)(b)):	20,537 S.F.
3.	**BONUS** maximum gross land cover (per Section 355-26.C(1)(b)):	
	Distance principal home is beyond minimum front yard setback: 0 x 10 = 0	0
4.	**TOTAL Maximum Permitted gross land coverage** = Sum of lines 2 and 3	20,537 S.F.
5.	Amount of lot area covered by **principal building:** 0 existing + 3,437 proposed =	3,437 S.F.
6.	Amount of lot area covered by **accessory buildings:** 0 existing + 472 proposed =	472 S.F.
7.	Amount of lot area covered by **decks:** 0 existing + 0 proposed =	0 S.F.
8.	Amount of lot area covered by **porches:** 0 existing + 1,286 proposed =	1,286 S.F.
9.	Amount of lot area covered by **driveway, parking areas and walkways:** 0 existing + 11,768 proposed =	11,768 S.F.
10.	Amount of lot area covered by **terraces:** 0 existing + 2,358 proposed =	2,358 S.F.
11.	Amount of lot area covered by **tennis court, pool and mechanical equip:** 0 existing + 947 proposed =	947 S.F.
12.	Amount of lot area covered by **all other structures:** 0 existing + 0 proposed =	0 S.F.
13.	Proposed **gross land coverage:** Total of Lines 5 – 12 =	20,268 S.F.

If Line 13 is less than or eq ual 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.

STATE OF NEW YORK
RALPH ALFONZETTI
EXCELSIOR
076215
LICENSED PROFESSIONAL ENGINEER

Signature and Seal of Professional Preparing Worksheet

03/19/2024
Date

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

PLANNING DEPARTMENT
Adam R. Kaufman, AICP
Director of Planning

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FLOOR AREA CALCULATIONS WORKSHEET

Application Name or Identifying Title: Schwartz Residence Date: 7/18/23

Tax Map Designation or Proposed Lot No.: 94.04-2-29.3

Floor Area

1. Total Lot Area (Net Lot Area for Lots Created After 12/13/06): 184,017 S.F.

2. **Maximum** permitted floor area (per Section 355-26.B(4)): 13,900 S.F.

3. Amount of floor area contained within first floor**:**
 2,464 existing + 0 proposed = 2,464 S.F.

4. Amount of floor area contained within second floor**:**
 3,158 existing + 0 proposed = 3,158 S.F.

5. Amount of floor area contained within garage**:**
 969 existing + 0 proposed = 969 S.F.

6. Amount of floor area contained within porches capable of being enclosed**:**
 932 existing + 388 proposed = 1,320 S.F.

7. Amount of floor area contained within basement (if applicable – see definition)**:**
 0 existing + 0 proposed = 0

8. Amount of floor area contained within attic (if applicable – see definition)**:**
 0 existing + 0 proposed = 0

9. Amount of floor area contained within all accessory buildings:
 203 existing + 448 proposed = 651 S.F.

10. Proposed **floor area:** Total of Lines 3 – 9 = 8,562 S.F.

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

2/29/24
Date

ALFONZETTI ENGINEERING, P.C.
14 SMITH AVE, MT. KISCO, N.Y. 10549
914-666-9800 INFO@ALFONZETTIENG.COM

PROJECT:

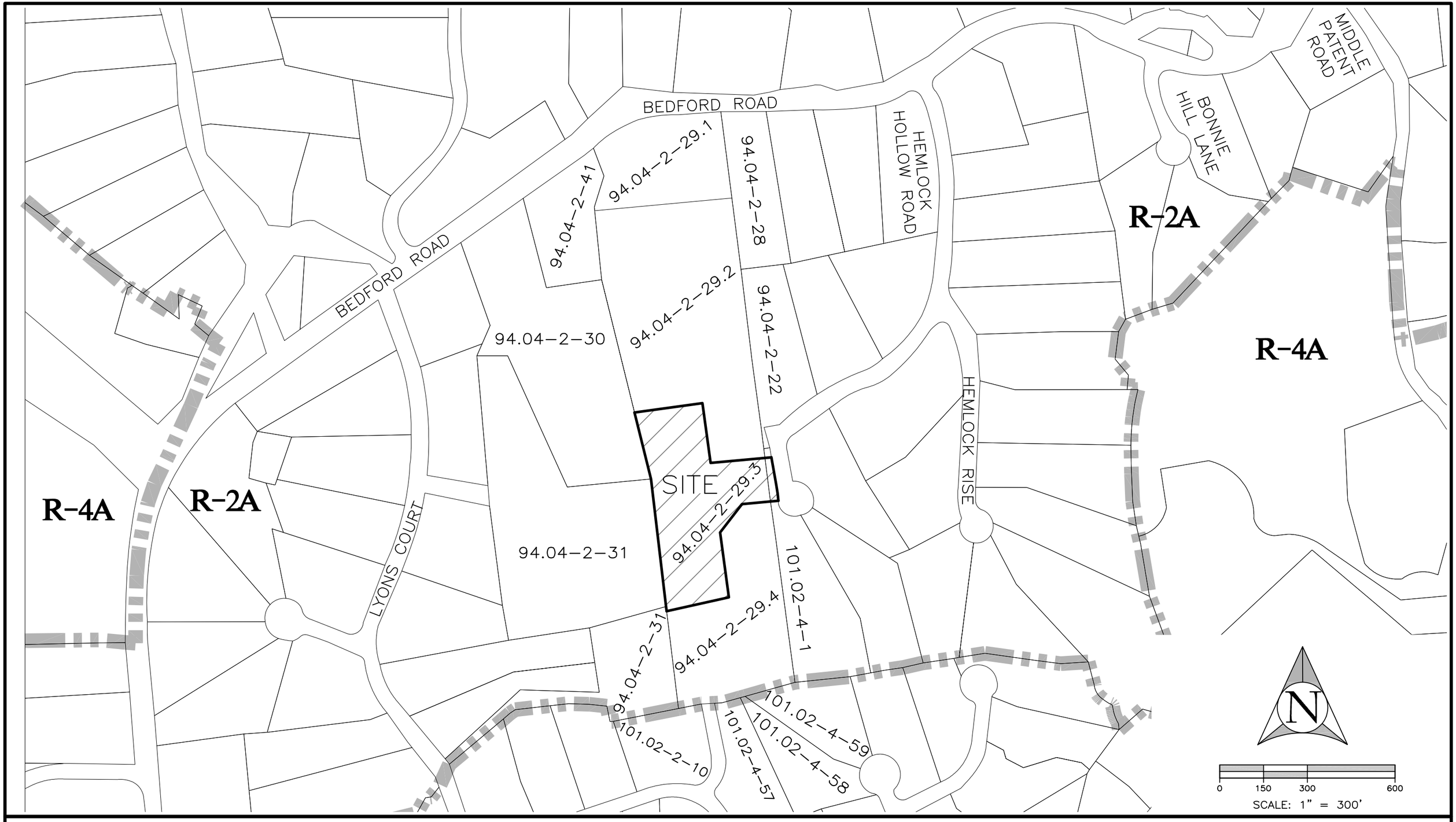
7 HEMLOCK HOLLOW ROAD

TOWN OF NORTH CASTLE,
WESTCHESTER COUNTY, NEW YORK

DRAWING:

AERIAL VIEW

MARCH 19, 2024



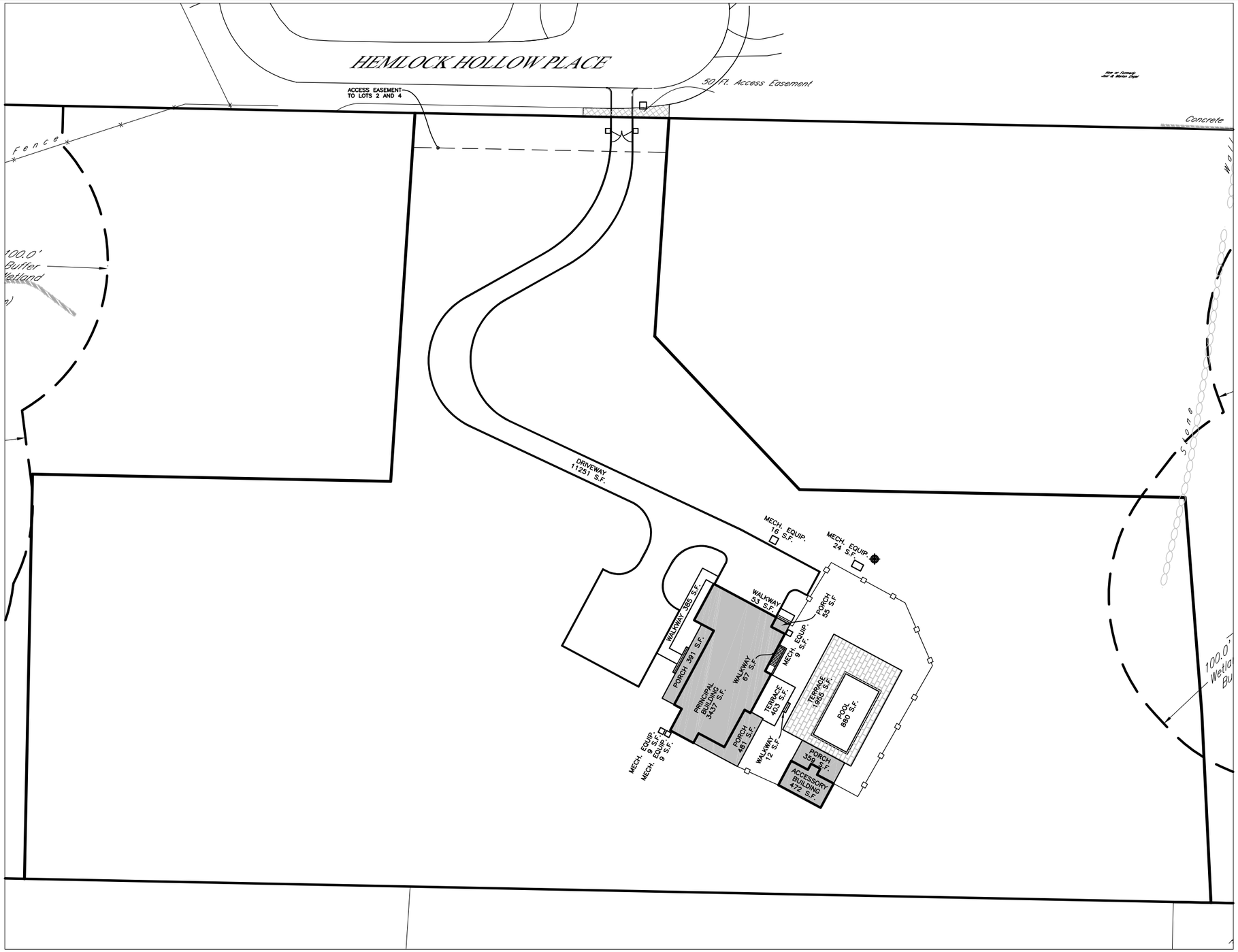
ALFONZETTI ENGINEERING, P.C.
14 SMITH AVENUE, MT. KISCO, N.Y. 10549
914-666-9800 INFO@ALFONZETTIENG.COM

PROJECT:

SCHWARTZ RESIDENCE
TOWN OF NORTH CASTLE,
WESTCHESTER COUNTY, NEW YORK

DRAWING:

TAX MAP EXHIBIT
MARCH 19, 2024



NOTE

LINES SHOWN ARE CLOSED COMPUTER POLYLINE ENTITIES.

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SCHWARTZ RESIDENCE
TOWN OF NORTH CASTLE,
WESTCHESTER COUNTY, NEW YORK

GROSS LAND COVERAGE

MARCH 19, 2024

GENERAL NOTES:

1. EXISTING FEATURES SHOWN HEREON TAKEN FROM SURVEY MAP ENTITLED "TOPOGRAPHIC SURVEY OF PROPERTY PREPARED FOR THE ESTATE OF MR. FRANK PATANE PROPERTY BEING SECTION 1, BLOCK 4 &, TAX LOT 1B, MAP ENTITLED "OFFICIAL TAX ASSESSMENT MAPS OF THE TOWN OF NORTH CASTLE" TOWN OF NORTH CASTLE, WESTCHESTER COUNTY, NEW YORK, DATED DECEMBER 20, 2007, SURVEY CONTAINS 2 PAGES".
2. VERTICAL DATUM BASED ON USGS QUAD MAPS.
3. WETLANDS BOUNDARIES SHOWN HEREON FLAGGED BY EVANS ASSOCIATES ENVIRONMENTAL CONSULTING, INC. ON JUNE 11, 2003.

HEMLOCK HOLLOW PLACE

ACCESS EASEMENT TO LOTS 2 AND 4

50 Ft. Access Easement

Now or Formerly Joel & Marion Engel

100.0' Wetland Buffer

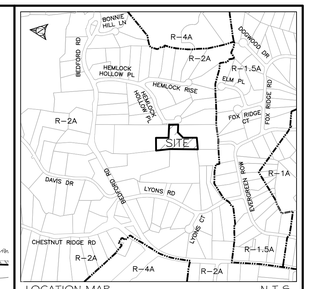
LOT 2 (NOT A BUILDING LOT)
LOT AREA = 357,165 SF / 8.2 AC

LOT 3
LOT AREA = 196,044 SF / 4.5 AC
NET AREA = 184,017 SF / 4.22 AC

LOT 4 (NOT A BUILDING LOT)
LOT AREA = 212,685 SF / 4.88 AC

LOCAL WETLAND FLAG

LOCATION MAP N.T.S.



DEEP TEST HOLE DESCRIPTIONS

DT1	0"–12"	TOP SOIL
	12"–24"	BROWN SANDY LOAM
	24"–90"	GRAY SAND FINE W/ ROCKS
DT2	0"–12"	TOP SOIL
	12"–24"	BROWN SANDY LOAM
	24"–90"	GRAY SAND FINE W/ ROCKS
DT3	0"–14"	TOP SOIL
	14"–24"	BROWN SANDY LOAM
	24"–84"	TAN SAND W/ STONES

PERCOLATION TEST DATA

HOLE No.	MIN./INCH
PT1	1.7
PT2	17

0 10 20 40
SCALE: 1" = 20'

STATE OF NEW YORK
RALPH ALFONZETTI
LICENSED PROFESSIONAL ENGINEER

ALFONZETTI ENGINEERING, P.C.
14 SMITH AVE, MT. KISCO, N.Y. 10549
914-666-9800 INFO@ALFONZETTIENG.COM

SITE DATA

OWNER/APPLICANT:

SITE ADDRESS:
7 HEMLOCK HOLLOW PL,
ARMONK, NY 10504

TAX MAP #:
94.04-2-29.3

LOT AREA:
4.5 ACRES

ZONING: R-2A

REVISED: MARCH 19, 2024
REVISED: JANUARY 11, 2024
REVISED: OCTOBER 25, 2023
REVISED: SEPTEMBER 15, 2023
REVISED: AUGUST 21, 2023

DRAWING:
EXISTING CONDITIONS PLAN
JULY 17, 2023

SHEET: 01 OF 03

PROJECT:
SCHWARTZ RESIDENCE
TOWN OF NORTH CASTLE,
WESTCHESTER COUNTY, NEW YORK.

Call 811 before you dig

ZONING COMPLIANCE TABLE

TAX PARCEL: 94.04-2-29
ZONE DISTRICT: R-2A ONE FAMILY RESIDENCE DISTRICT (2 ACRES)
PROPOSED USE: RESIDENTIAL SUBDIVISION

DESCRIPTION	REQUIREMENT	LOT 3
MINIMUM GROSS LOT AREA (SQUARE FEET)/(ACRES)	87,120/2(1)	196,044 SF / 4.5 AC
75% WETLAND AREA (SQUARE FEET)/(ACRES)	–	0.0 / 0.0
50%STEEP SLOPE AREA (SQUARE FEET)/(ACRES)	–	12,027 / 0.28
MINIMUM NET LOT AREA (SQUARE FEET)/(ACRES)	–	184,017 SF / 4.22 AC
MINIMUM LOT FRONTAGE (SQUARE FEET)	150	0 (ZBA APPROVAL GRANTED AUGUST 4, 2022)
MINIMUM LOT WIDTH (FEET)	150	451
MINIMUM LOT DEPTH (FEET)	150	288
MAXIMUM BUILDING HEIGHT (FEET)	30	≤30
MAXIMUM BUILDING COVERAGE (%)	8	2.9
MINIMUM DWELLING UNIT SIZE (SQUARE FEET)	1,400	5296
MAXIMUM GROSS FLOOR AREA (SQUARE FEET)	13,894	
MINIMUM CONTIGUOUS BUILDABLE AREA (SQUARE FEET)	35,000(3)	88,062
MAXIMUM GROSS LAND COVERAGE (SQUARE FEET)	20,522	16,187
MINIMUM BUILDING SETBACKS		
FRONT YARD (FEET)	50	N/A
SIDE YARD (FEET)	30	55.8
REAR YARD (FEET)	50	50.6
MINIMUM LANDSCAPE BUFFER		
FRONT YARD (FEET)	15	≥15
SIDE YARD (FEET)	15	≥15
REAR YARD (FEET)	15	≥15

CUT/FILL ANALYSIS:

CUT REQUIRED: 1,439 CU. YD.

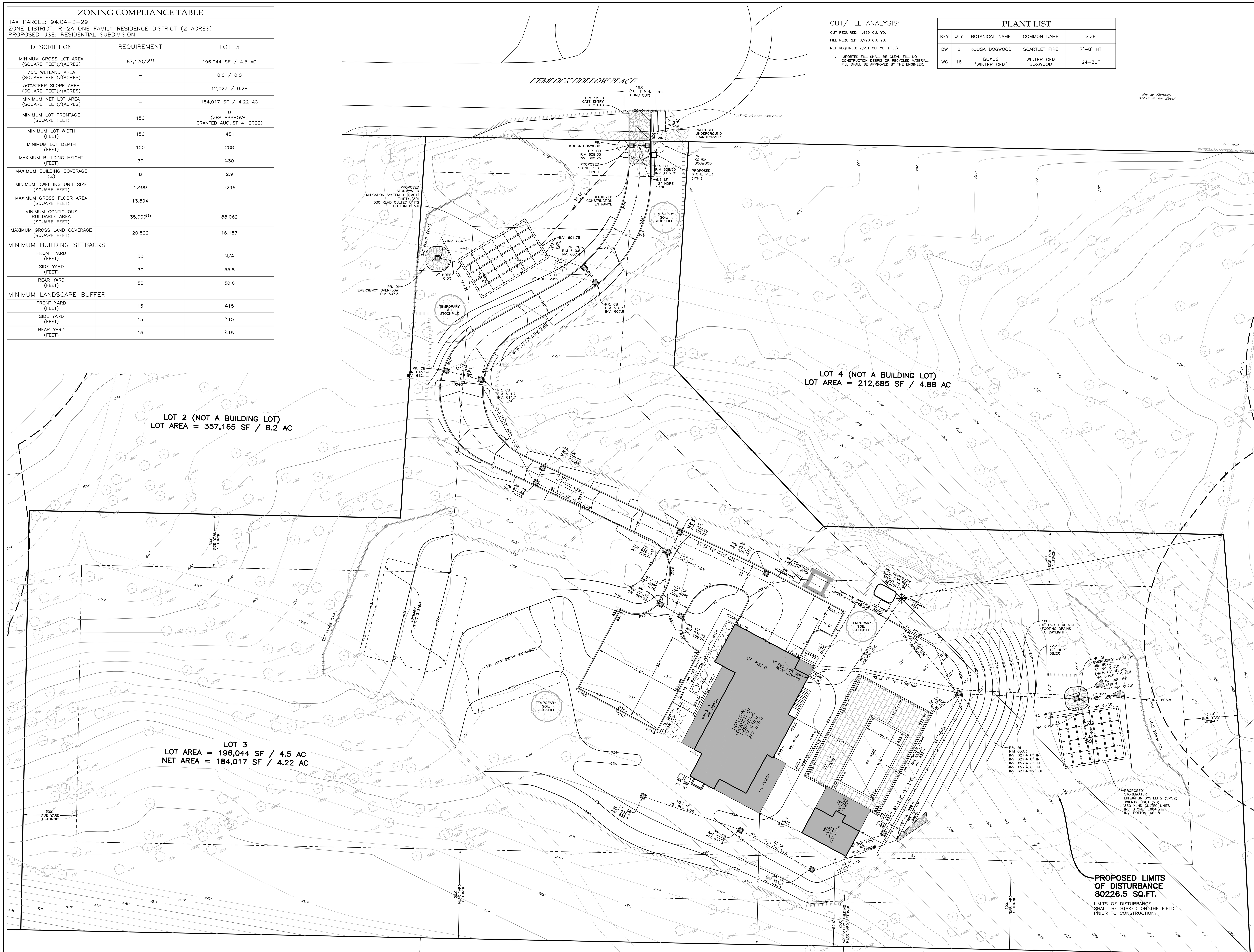
FILL REQUIRED: 3,990 CU. YD.

NET REQUIRED: 2,551 CU. YD. (FILL)

1. IMPORTED FILL SHALL BE CLEAN FILL NO CONSTRUCTION DEBRIS OR RECYCLED MATERIAL. FILL SHALL BE APPROVED BY THE ENGINEER.

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DW	2	KOUSA DOGWOOD	SCARTLET FIRE	7'–8' HT
WG	16	BUXUS 'WINTER GEM'	WINTER GEM BOXWOOD	24–30"



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.

Dig Safely. New York Call 811 before you dig

SCALE: 1" = 20'

STATE OF NEW YORK · RALPH ALFONZETTI · LICENSED PROFESSIONAL ENGINEER

ALFONZETTI ENGINEERING, P.C.
14 SMITH AVE, MT. KISCO, N.Y. 10549
914-666-9800 INFO@ALFONZETTIENG.COM

SITE DATA

OWNER/APPLICANT:

SITE ADDRESS:
7 HEMLOCK HOLLOW PL,
ARMONK, NY 10504

TAX MAP #:
94.04-2-29.3

LOT AREA:
4.5 ACRES

ZONING: R-2A

REVISED: MARCH 19, 2024
REVISED: JANUARY 11, 2024
REVISED: OCTOBER 25, 2023
REVISED: SEPTEMBER 15, 2023
REVISED: AUGUST 21, 2023

DRAWING:
PROPOSED SITE DEVELOPMENT
JULY 17, 2023

SHEET: 02 OF 03

PROJECT:
SCHWARTZ RESIDENCE
TOWN OF NORTH CASTLE,
WESTCHESTER COUNTY, NEW YORK

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL SEDIMENT AND EROSION CONTROL PRACTICES. THE SEDIMENT AND EROSION CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, AND MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD OR UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. PRIOR TO ANY EXCAVATION, SILT FENCE SHALL BE INSTALLED AT THE LOCATIONS NOTED ON THE EROSION CONTROL PLAN. ADDITIONAL SILT FENCE MAY BE REQUIRED BY THE ENGINEER IN THE FIELD. SILT FENCING SHALL BE MAINTAINED IN EFFECTIVE CONDITION AND SHALL NOT BE REMOVED UNTIL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
3. INSTALL ANTI-TRACKING PAD AT ALL CONSTRUCTION ENTRANCES. ANTI-TRACKING PAD SHALL BE 2"-3" DIAMETER CRUSHED STONE 6" DEEP.
4. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE SEDIMENT LEVEL IN ALL SEDIMENT REMOVING DEVICES SHALL BE CLOSELY MONITORED AND SEDIMENT REMOVED PROMPTLY WHEN MAXIMUM LEVELS ARE REACHED OR AS ORDERED BY THE ENGINEER. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR POLLUTION. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS, AND IMMEDIATELY AFTER EACH RAINFALL TO INSURE PROPER OPERATION AS DESIGNED. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
5. ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING SHALL BE REMOVED FROM THE SITE IMMEDIATELY AND PLACED IN A STABILIZED STOCKPILE OR FILL AREA. ALL TOPSOIL REQUIRED FOR FINAL GRADING AND STORED ON SITE SHALL BE LIMED, FERTILIZED, TEMPORARILY SEEDED AND MULCHED WITHIN 14 DAYS OR OTHERWISE STABILIZED. DO NOT STOCKPILE MATERIALS ON STEEP SLOPES, IN DRAINAGE SWALES OR IN WETLAND AREAS. SURROUND ALL STOCKPILE AREAS WITH STAKED HAYBALES OR SILT FENCE.
6. ALL SLOPES CONSTRUCTED WITH FILL MATERIAL AND ALL SLOPES WITH GRADE 3:1 OR STEEPER SHALL BE TOPSOILED, SEEDED, MULCHED AND STABILIZED WITH STAKED TOBACCO NETTING, OR EROSION BLANKET AS NOTED, UNLESS OTHERWISE DIRECTED.
7. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 14 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDING. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. DISTURBED AREAS SHALL BE LIMED AND FERTILIZED PRIOR TO TEMPORARY SEEDING.
8. ALL DISTURBED AREAS WITHIN 500 FEET OF A BUILDING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL. A WATERING TRUCK WILL BE USED IN DRY SEASON TO WET DOWN DUST AREAS.
9. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.
10. ALL CATCH BASINS AND DRAIN INLETS ARE TO BE PROTECTED WITH SEDIMENT FILTERS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE STABILIZED.
11. UTILITY LINE EXCAVATED MATERIAL SHALL BE TEMPORARILY STOCKPILED ON THE HIGH SIDE OF EXCAVATION SO RUNOFF IS DIRECTED AWAY FROM TRENCH. AFTER BACK-FILLING, AREA IS TO BE TOPSOILED, SEEDED AND MULCHED.
12. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.
13. ALL AREAS OF DISTURBED SOIL SHALL BE STABILIZED BY THE CONTRACTOR. IN ADDITION TO ALL SPECIFIED EROSION CONTROL DEVICES, THE CONTRACTOR SHALL TAKE ALL STEPS PRUDENT AND NECESSARY TO STABILIZE THE SITE AT ALL TIMES.
14. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS" (BLUE BOOK).

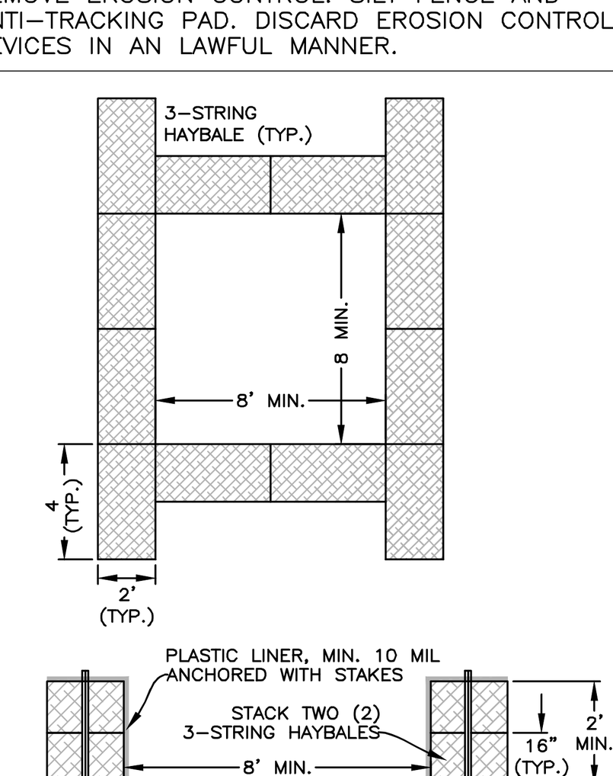
CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL LOCATE AND VERIFY IN THE FIELD ALL UTILITIES: SEWER, WATER, GAS, ELECTRICAL, ETC. PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL CALL CODE 753 (FORMERLY CODE 53) PRIOR TO THE START OF CONSTRUCTION.
2. THE INSTALLATION OF WATER AND SEWER SHALL BE INSPECTED UNDER THE DIRECTION OF A N.Y. STATE LICENSED PROFESSIONAL ENGINEER.
3. EROSION AND SEDIMENT CONTROL MEASURES, SHALL BE REQUIRED AS INDICATED ON THIS PLAN OR THE EROSION CONTROL PLAN OR AS DIRECTED BY THE GOVERNING AGENCY, IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS" (BLUE BOOK).
4. AS BUILT PLANS IF REQUIRED, SHALL BE CERTIFIED BY A N.Y. STATE LICENSED SURVEYOR OR PROFESSIONAL ENGINEER.
5. ALL PROPERTY DISTURBED IN THE RIGHT-OF-WAY OR ON PRIVATE LANDS, SHALL BE RESTORED TO ACCEPTABLE CONDITIONS, AS REQUIRED BY THE GOVERNING AGENCY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPLICATIONS AND PERMITS REQUIRED FOR CONSTRUCTION.
7. THE ROAD AND UTILITIES SHALL BE STAKED IN THE FIELD BY A NEW YORK STATE LICENSED SURVEYOR OR ENGINEER.
8. UNDERGROUND UTILITIES: GAS, ELECTRIC, CABLE, TELEPHONE, ETC. SHALL BE AS REQUIRED BY THE GOVERNING AGENCY AND THE APPROPRIATE UTILITY COMPANY.
9. ALL PROPOSED OR DISTURBED SLOPES, 1H:2V OR GREATER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET.
10. IN LIEU OF BLASTING, ROCK RIPPING WILL BE USED WHEREVER POSSIBLE. IF BLASTING IS REQUIRED, BLASTING WILL OCCUR IN ACCORDANCE WITH REGULATIONS AND STANDARDS PRESCRIBED BY THE GOVERNING AGENCY. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY PERMITS IF BLASTING IS REQUIRED.
11. NO REPRESENTATION OF THE SUB-SURFACE SOIL CONDITIONS ON THIS SITE ARE MADE OR IMPLIED. IT IS THE DEVELOPER/CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL IMPROVEMENTS ARE PLACED ON SOIL WITH A SUITABLE BEARING CAPACITY.
12. OVERNIGHT EXCAVATIONS WILL NOT BE PERMITTED.

CONSTRUCTION SEQUENCE:

THE PROPOSED IMPROVEMENTS ARE TO BE CONSTRUCTED IN ONE PHASE. THE CONSTRUCTION WILL BE IN A SEQUENCE THAT WILL MINIMIZE THE POTENTIAL FOR EROSION. CONSTRUCTION IS SCHEDULED TO BEGIN IN JULY OF 2023. THE GENERAL SEQUENCE OF CONSTRUCTION IS AS FOLLOWS:

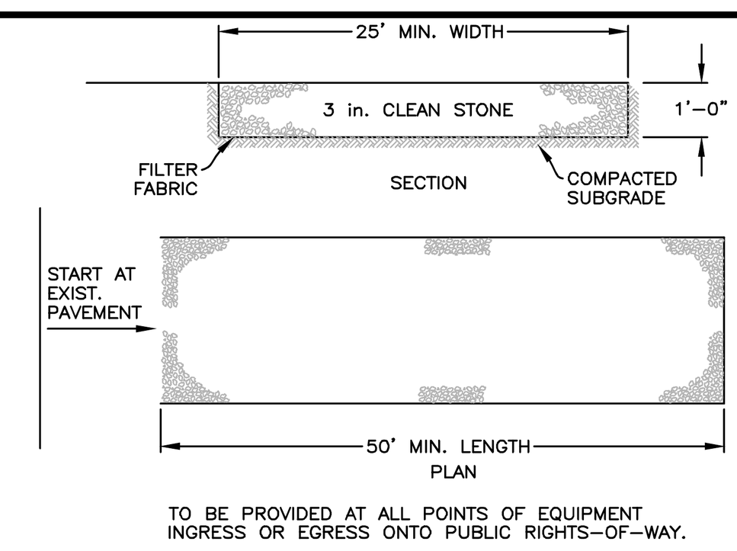
1. SURVEY AND STAKE LIMITS OF DISTURBANCE AND EROSION CONTROL INSTALLATION.
2. INSTALL EROSION CONTROLS (ANTI-TRACKING PAD, SILT FENCE, TEMPORARY SOIL STOCKPILES) AS SHOWN ON THE EROSION CONTROL PLAN AND PER THE RESPECTIVE EROSION CONTROL DETAILS.
3. REMOVE TREES PER SITE DEMOLITION PLAN.
4. STAGING AREA SHALL BE WITHIN THE DISTURBANCE LIMITS.
5. STRIP TOPSOIL AND ROUGH GRADING. NOTE THAT DISTURBED SOIL THAT WILL NOT BE WORKED FOR A PERIOD GREATER THAN 14 DAYS MUST BE STABILIZED. STABILIZATION MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN SEVEN (7) DAYS.
6. EXCAVATE FOR PROPOSED FOOTINGS/FOUNDATION. HOUSE FRAMING AND SUPERSTRUCTURE IS CONSTRUCTED.
7. EXCAVATE AND INSTALL SUBSURFACE UTILITIES; ELECTRIC TELEPHONE/CABLE/DRAINAGE. SEPTIC SYSTEM SHALL BE STAKED. SEPTIC SYSTEM AND WELL SHALL BE INSTALLED.
8. FINAL GRADING, SEEDING, SODDING, AND OTHER SOIL STABILIZING LANDSCAPING FOR FINAL SITE STABILIZATION.
9. REMOVE EROSION CONTROL: SILT FENCE AND ANTI-TRACKING PAD. DISCARD EROSION CONTROL DEVICES IN AN LAWFUL MANNER.



NOTES:

1. MINIMUM SIZE SHALL BE 8 FEET BY 8 FEET AT BOTTOM, 2 FEET DEEP.

CONCRETE WASHOUT DETAIL
N.T.S.

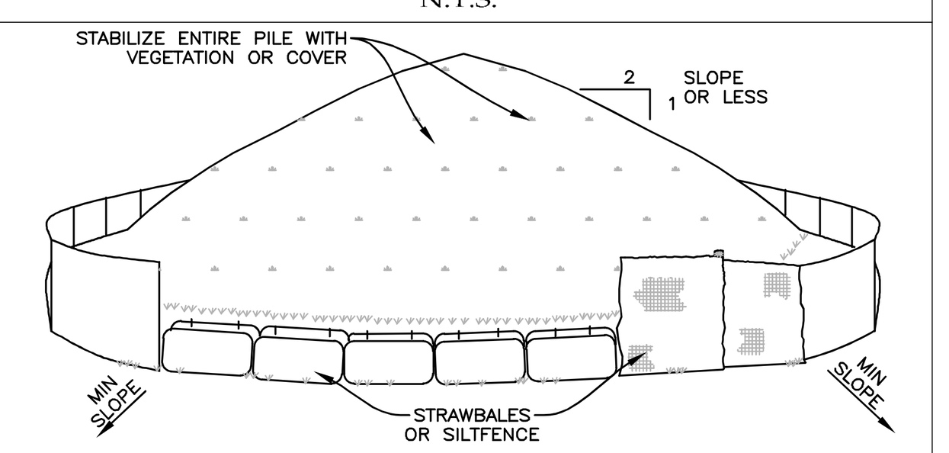


TO BE PROVIDED AT ALL POINTS OF EQUIPMENT INGRESS OR EGRESS ONTO PUBLIC RIGHTS-OF-WAY.

INSTALLATION NOTES

1. STONE SIZE - USE 3" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - 25 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE (ANTI-TRACKING PAD)
N.T.S.



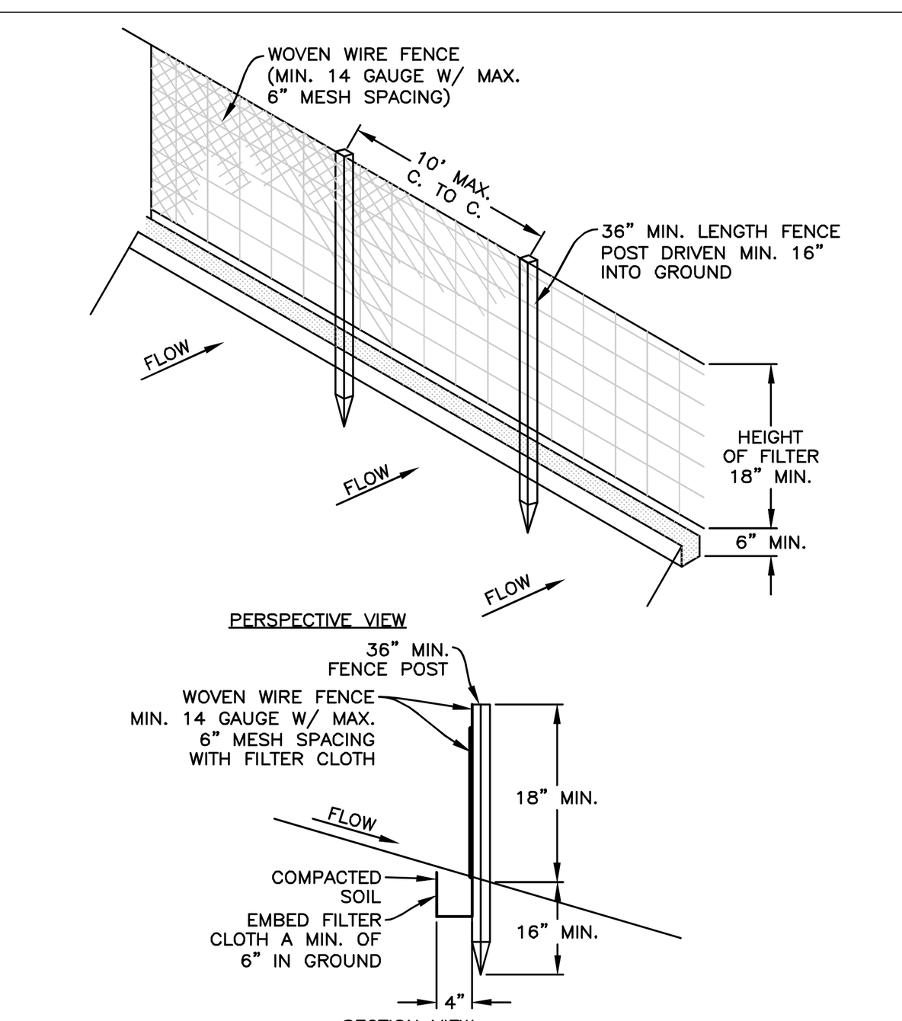
TO BE USED WHERE TOPSOIL PRESERVATION IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS. TOPSOIL IS APPLIED TO SUBSOILS THAT ARE DROUGHTY (HAVING LOW AVAILABLE MOISTURE FOR PLANTS), STONY, SALTY, HAVE LOW PERMEABILITY, OR ARE EXTREMELY ACID. IT IS ALSO USED TO BACKFILL AROUND SHRUB AND TREE TRANSPLANTS. PRESERVATION OF EXISTING TOPSOIL IS BENEFICIAL FOR ALL TYPES OF LAWN OR ORNAMENTAL PLANTINGS.

TEMPORARY STOCKPILE STABILIZATION MEASURES INCLUDE VEGETATIVE COVER, MULCH, NON-VEGETATIVE COVER, AND PERIPHERAL SEDIMENT TRAPPING BARRIERS. THE STABILIZATION MEASURE(S) SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND REQUIRED DURATION OF USE.

INSTALLATION NOTES

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.

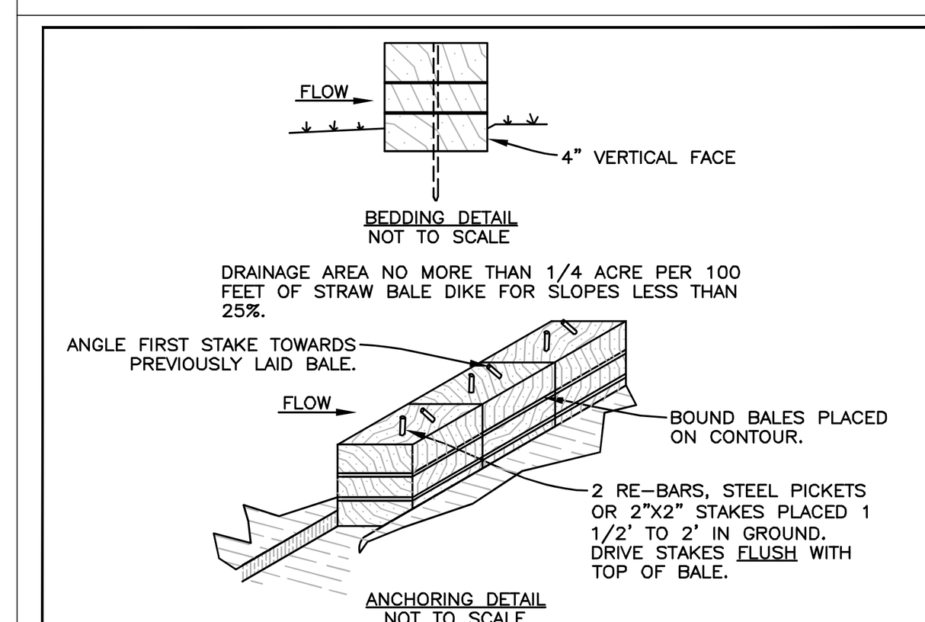
TEMPORARY MATERIAL STOCKPILE
N.T.S.



CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POST WITH TIES OR STAPLES. POST SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL
N.T.S.

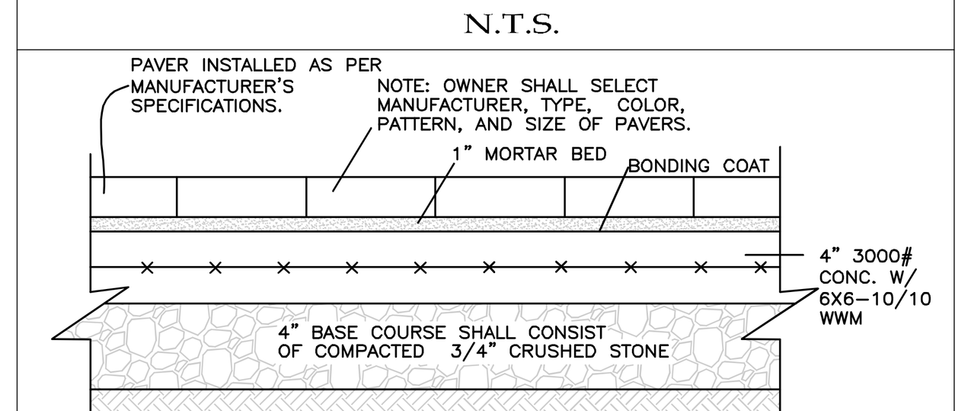


CONSTRUCTION SPECIFICATIONS

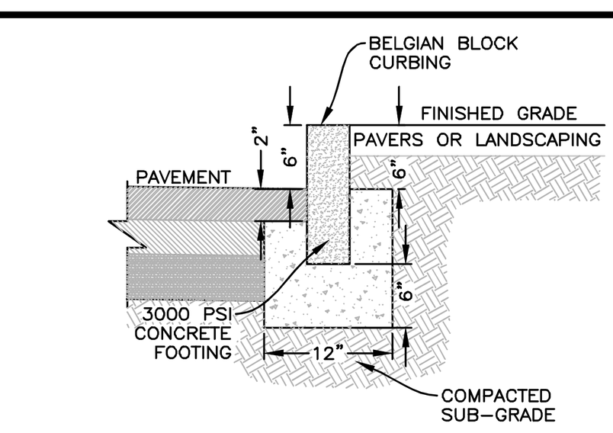
1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULLNESS SO S NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	STRAW BALE DIKE

HAYBALE SEDIMENT BARRIERS
N.T.S.



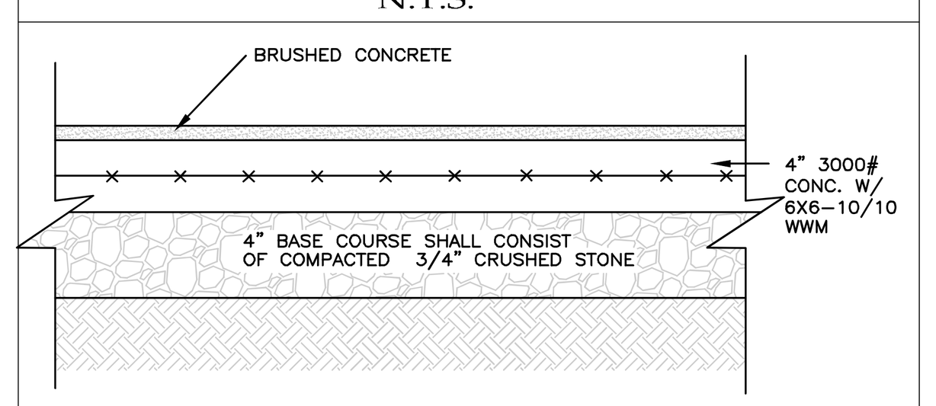
WALKWAY DETAIL
N.T.S.



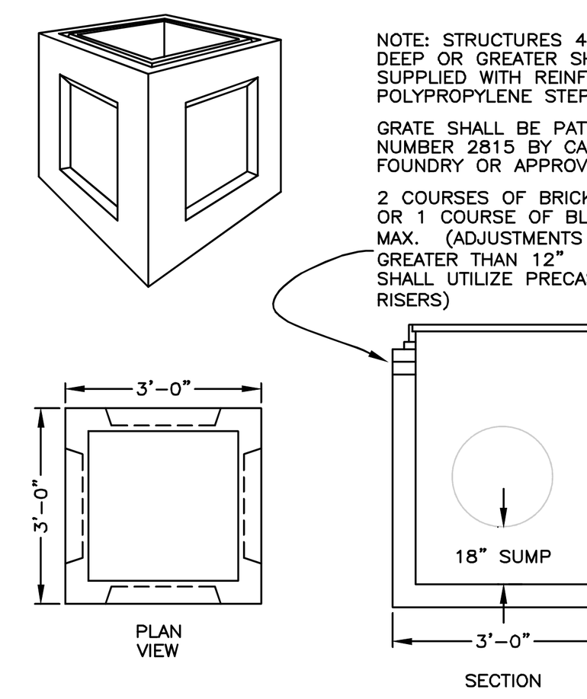
NOTE: JOINTS BETWEEN INDIVIDUAL BLOCKS SHALL BE FULLY GROUTED WITH 1:2 CEMENT MORTAR.

ALL ON-SITE CURBING SHALL BE BELGIAN BLOCK

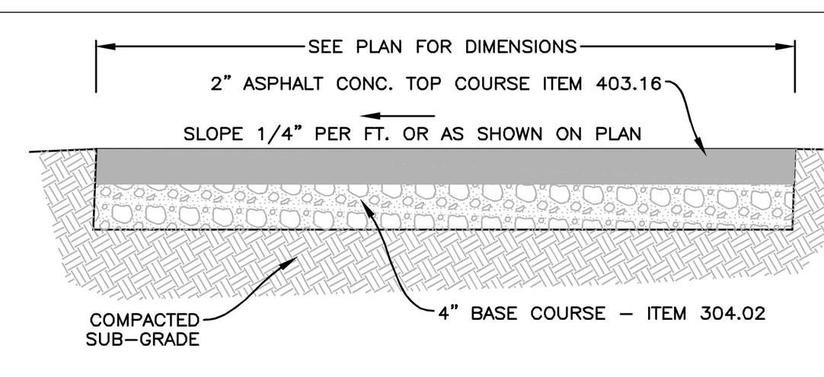
BELGIAN BLOCK CURB
N.T.S.



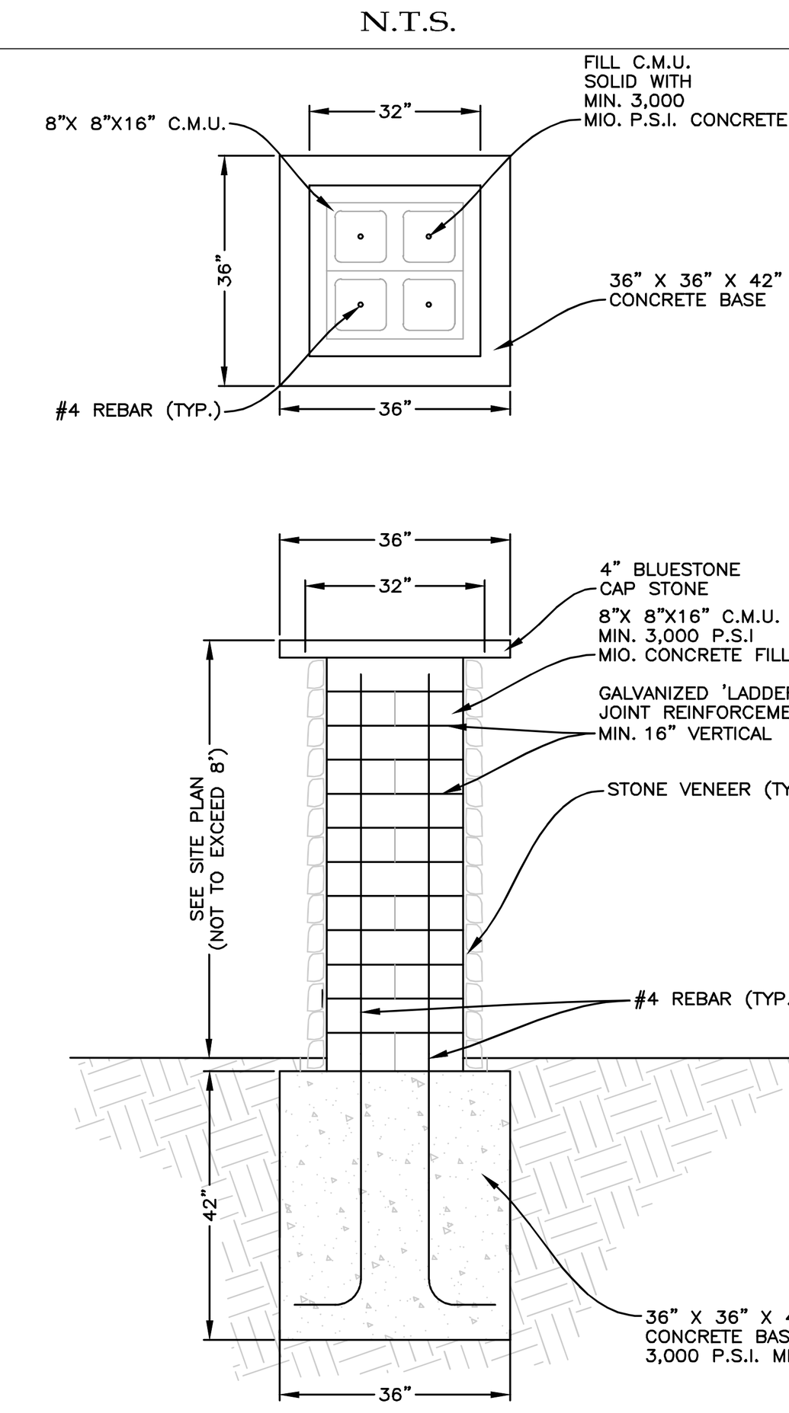
PATIO DETAIL
N.T.S.



YARD DRAIN
N.T.S.



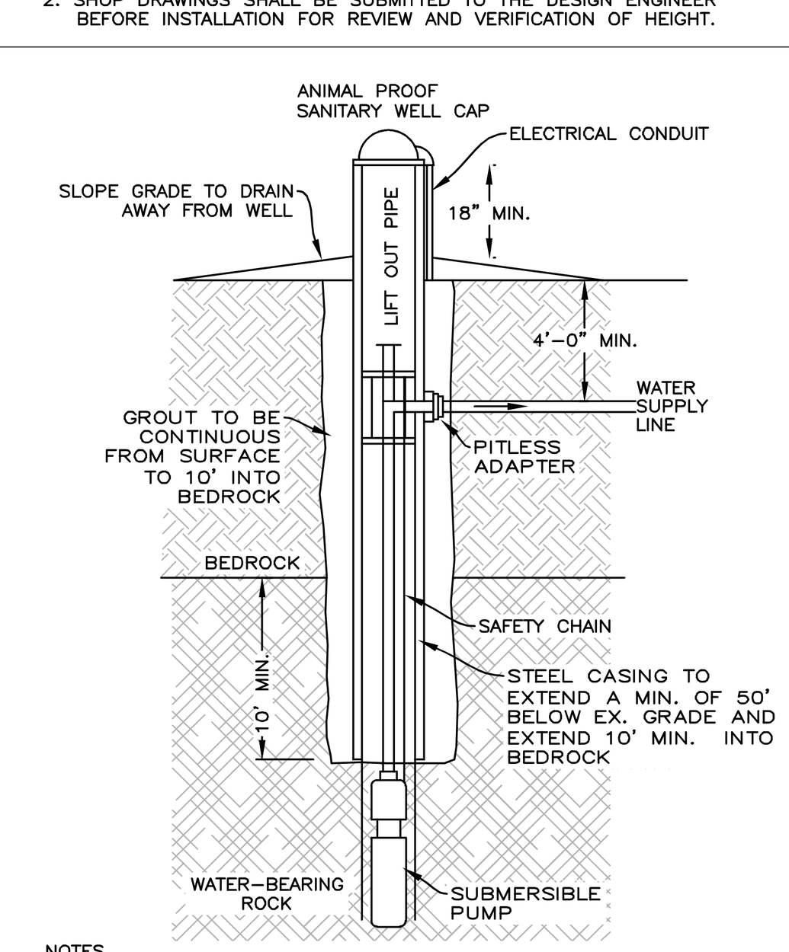
DRIVEWAY SECTION
N.T.S.



ENTRY GATE PIER DETAIL
N.T.S.

NOTES:

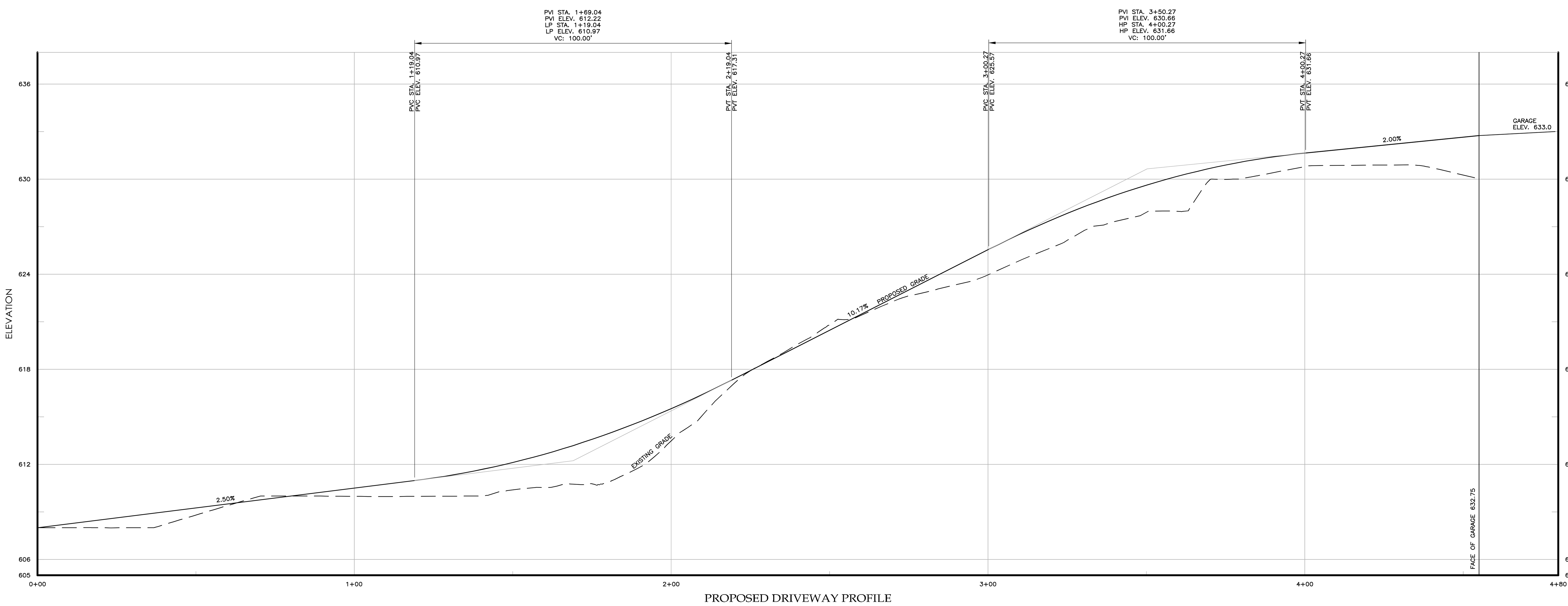
1. HEIGHT OF PIER AND LIGHT (IF INSTALLED) SHALL NOT EXCEED 8'.
2. SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER BEFORE INSTALLATION FOR REVIEW AND VERIFICATION OF HEIGHT.



NOTES

1. THE WELL IS TO BE A DRILLED WELL, CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF "WESTCHESTER COUNTY HEALTH DEPARTMENT RULES AND REGULATIONS, FOR THE DESIGN AND CONSTRUCTION OF RESIDENTIAL SUBSURFACE SEWAGE TREATMENT SYSTEMS AND DRILLED WELLS IN WESTCHESTER COUNTY, N.Y." AND WITH APPENDIX 5-B OF THE NEW YORK STATE DEPARTMENT OF HEALTH.
2. THERE ARE NO SOURCES OF CONTAMINATION WITHIN 200 FEET OF THE PROPOSED WELL.
3. THE MINIMUM WELL YIELD IS 5 GPM; YIELDS LESS THAN 5 GPM MUST BE IMMEDIATELY REPORTED TO THE DEPARTMENT.

WELL DETAIL
N.T.S.



PROPOSED DRIVEWAY PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'

DEMO TREE LIST

TAG NUMBER	SIZE	KIND
216	15"	ASH
217	24"	MAPLE
218	9"	MAPLE
219	8"	MAPLE
220	28"	TULIP
221	16"	MAPLE
222	20"	MAPLE
223	12"	MAPLE
224	9"	MAPLE
225	8"	MAPLE
226	10"	MAPLE
227	20"	ASH
228	16"	ELM
229	16"	MAPLE
230	20"	TULIP
231	12"	MAPLE
234	16"	MAPLE
235	9"	MAPLE
236	18"	OAK
237	12"	MAPLE
238	12"	MAPLE
239	14"	HICKORY
268	18"	OAK
269	12"	ASH
272	16"	MAPLE
273	26"	MAPLE
274	10"	MAPLE
286	14"	MAPLE
288	16"	MAPLE
289	10"	MAPLE
379	34"	PINE
380	10"	BIRCH
381	20"	TWIN MAPLE
389	12"	BIRCH
390	26"	HICKORY
392	7"	MAPLE
394	8"	BIRCH
395	14"	BIRCH
397	10"	BIRCH
398	8"	MAPLE
400	20"	BEECH
401	14"	BIRCH
425	12"	TULIP

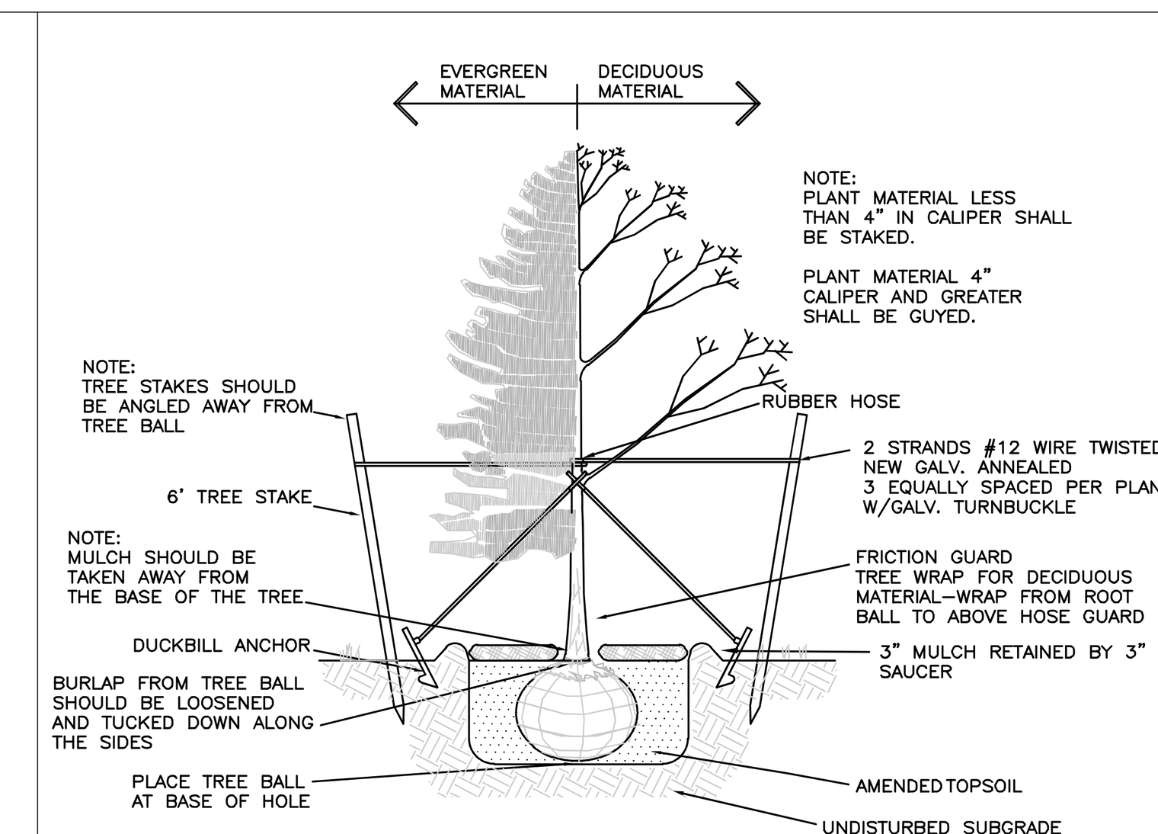
TAG NUMBER	SIZE	KIND
426	10"	BIRCH
429	10"	BIRCH
430	10"	DEAD
431	16"	BEECH
432	6"	MAPLE
466	8"	MAPLE
508	12"	MAPLE
525	26"	ASH
526	28"	MAPLE
527	26"	TULIP
529	12"	MAPLE
530	12"	HICKORY
531	18"	HICKORY
536	7"	MAPLE
565	14"	TULIP
568	10"	MAPLE
583	9"	BIRCH
586	14"	BIRCH
594	18"	TULIP
598	10"	MAPLE
734	9"	MAPLE
735	10"	OAK
736	8"	OAK
738	12"	OAK
739	12"	OAK
741	10"	OAK
742	8"	OAK
743	8"	OAK
744	18"	OAK
745	7"	OAK
746	10"	MAPLE
747	12"	OAK
748	15"	HICKORY
749	11"	BIRCH
760	10"	BIRCH
761	10"	BIRCH
762	7"	BIRCH
774	10"	BIRCH
775	8"	BIRCH
776	10"	BIRCH
777	9"	BIRCH
778	9"	BIRCH
779	10"	HICKORY

TAG NUMBER	SIZE	KIND
780	10"	TWIN HICKORY
781	8"	OAK
782	11"	BIRCH
783	12"	TWIN DEAD
799	10"	MAPLE
850	8"	MAPLE
903	8"	ASH
906	12"	OAK
907	8" & 6"	TWIN MAPLE
908	8"	MAPLE
909	10"	MAPLE
912	9"	MAPLE
913	12"	OAK
914	8"	MAPLE
915	12"	BIRCH
919	8"	MAPLE
928	9"	ASH
936	10"	ASH
937	10"	HICKORY
938	12"	ASH
946	8"	BIRCH
947	10"	OAK
948	10"	BEECH
949	14"	ASH
950	8"	OAK
951	10"	ASH
952	12"	OAK
953	12"	OAK
954	11"	HICKORY
955	12"	ASH
956	11"	ASH
957	10"	OAK
958	8"	ASH
959	12"	ASH
960	9"	OAK
961	10"	PINE
962	8"	BEECH
963	8"	MAPLE
964	9"	MAPLE
965	10"	MAPLE
966	9"	ASH
967	9"	PINE
968	9"	PINE

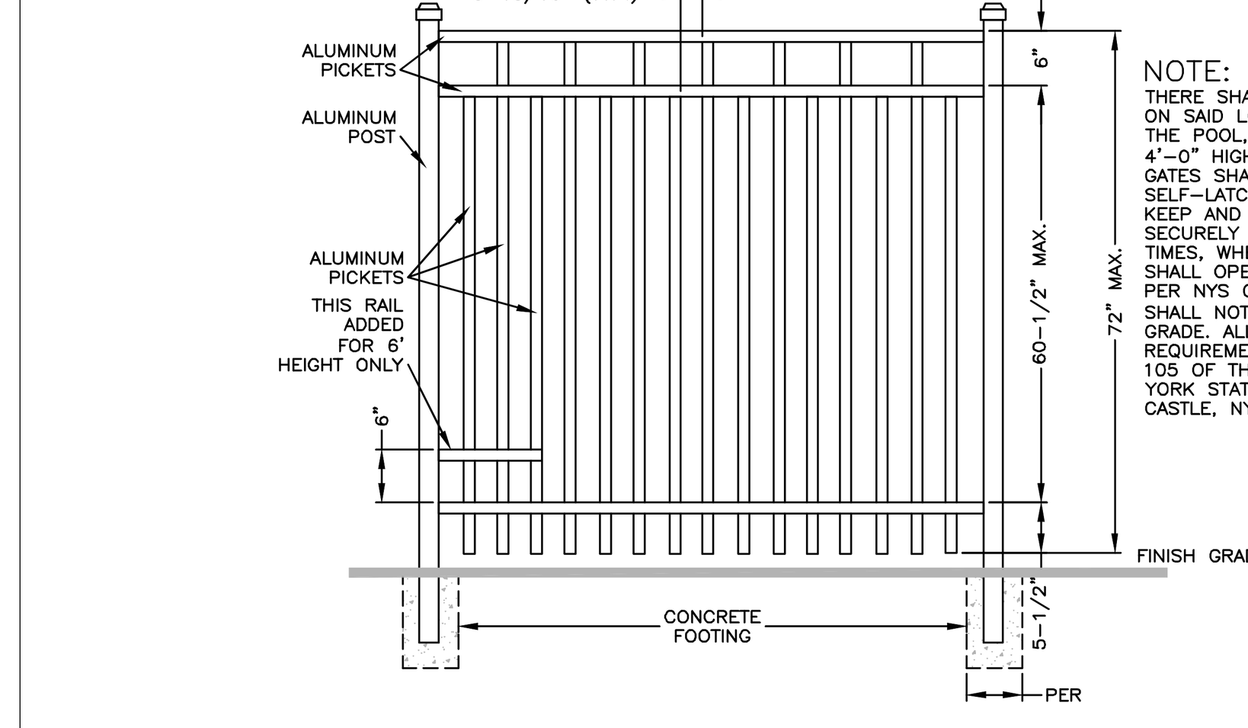
TAG NUMBER	SIZE	KIND
969	8"	OAK
971	8"	ASH
972	10"	ASH
973	14"	ASH
974	12"	TRIP. BEECH
975	8"	OAK
976	10"	OAK
977	10"	BIRCH
978	11"	OAK
979	10"	ASH
980	11"	OAK
981	10"	HICKORY
982	9"	BIRCH
983	9" & 10"	TWIN BIRCH
985	9"	OAK
986	10"	HICKORY
987	10"	MAPLE
988	9"	ASH
989	9"	MAPLE
990	8"	OAK
991	10"	MAPLE
992	8"	MAPLE
993	8"	MAPLE
995	10"	TWIN MAPLE
996	12"	CHERRY
997	8"	CEDER
9956		UNKWON

165 TREE TO BE REMOVED ON THIS APPLICATION

TREE LEGEND	
(X)	TREE TO BE REMOVED

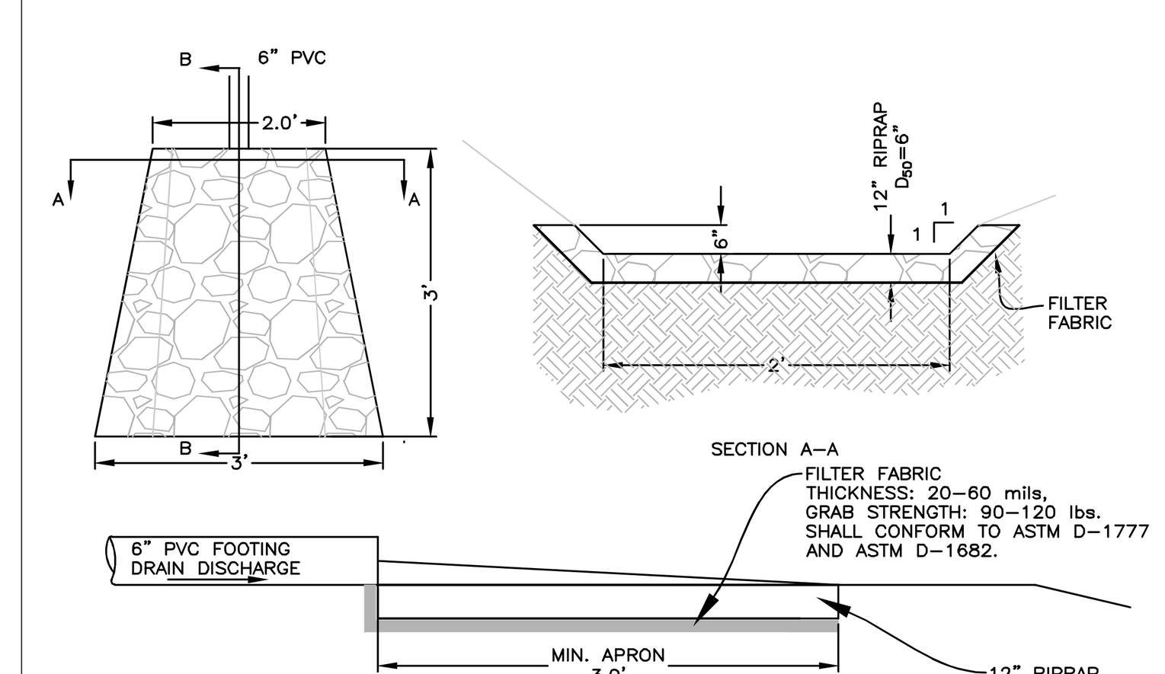


TREE PLANTING DETAIL
N.T.S.



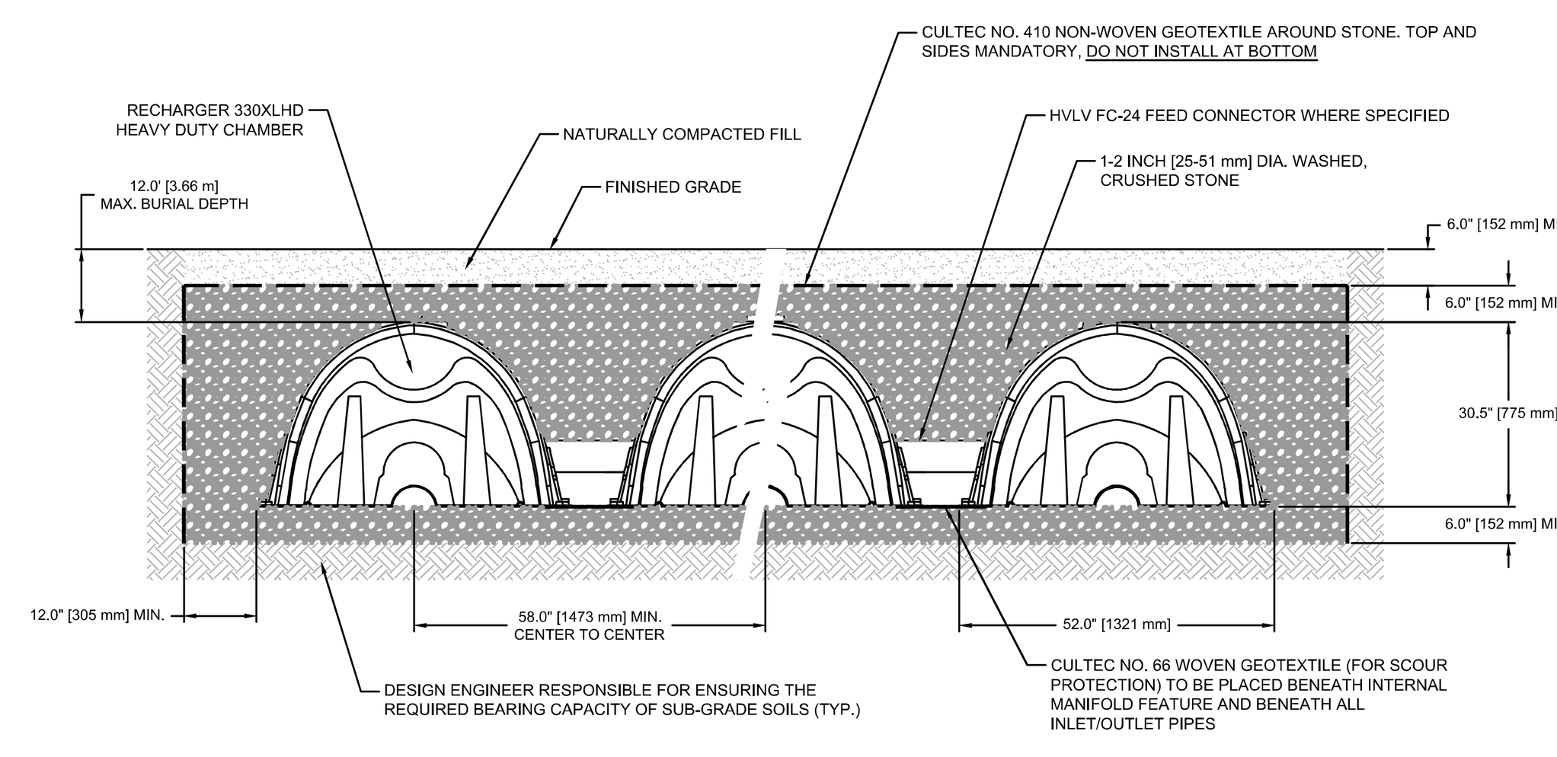
NOTE:
THERE SHALL BE INSTALLED AND MAINTAINED ON SAID LOT, AND COMPLETELY ENCLOSING THE POOL, FENCING AND GATES SHALL BE 4'-0" HIGH MINIMUM, BLACK, ALUMINUM. GATES SHALL BE SELF-CLOSING AND SELF-LATCHING AND LOCKABLE, DESIGNED TO KEEP AND CAPABLE OF KEEPING SUCH GATES SECURELY CLOSED AND LOCKED AT ALL TIMES, WHEN NOT IN ACTUAL USE. GATES SHALL OPEN AWAY FROM THE POOL AREA AS PER NYS CODE. BOTTOM OF THE FENCE SHALL NOT EXCEED 2" FROM THE FINISH GRADE. ALL FENCING SHALL MEET REQUIREMENTS OF APPENDIX-G, SECTION-AG 105 OF THE RESIDENTIAL CODE OF THE NEW YORK STATE AND THE TOWN OF NORTH CASTLE, NY.

POOL FENCE DETAIL
N.T.S
(OR APPROVED EQUAL)



FOOTING DRAIN OUTLET PROTECTION DETAIL
N.T.S.

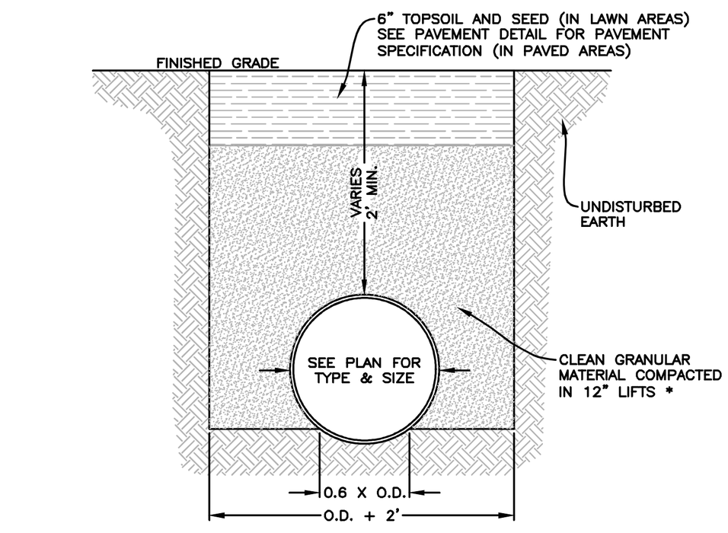
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209(2), FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS 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.



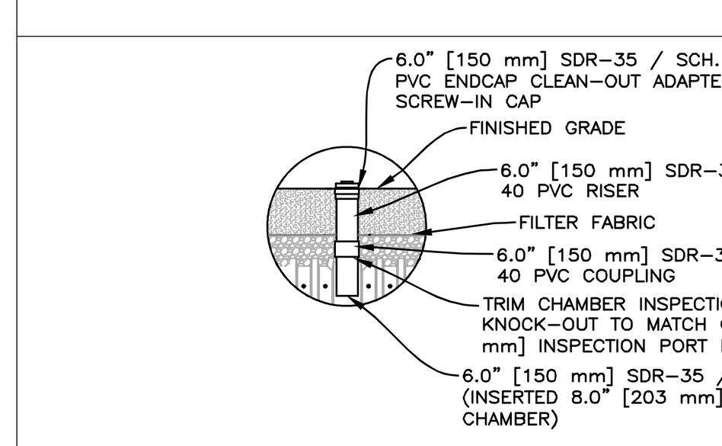
GENERAL NOTES
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT.
STORAGE PROVIDED = 11.32 CF/FT [1.05 m³/m] PER DESIGN UNIT.
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.
THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS

ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS

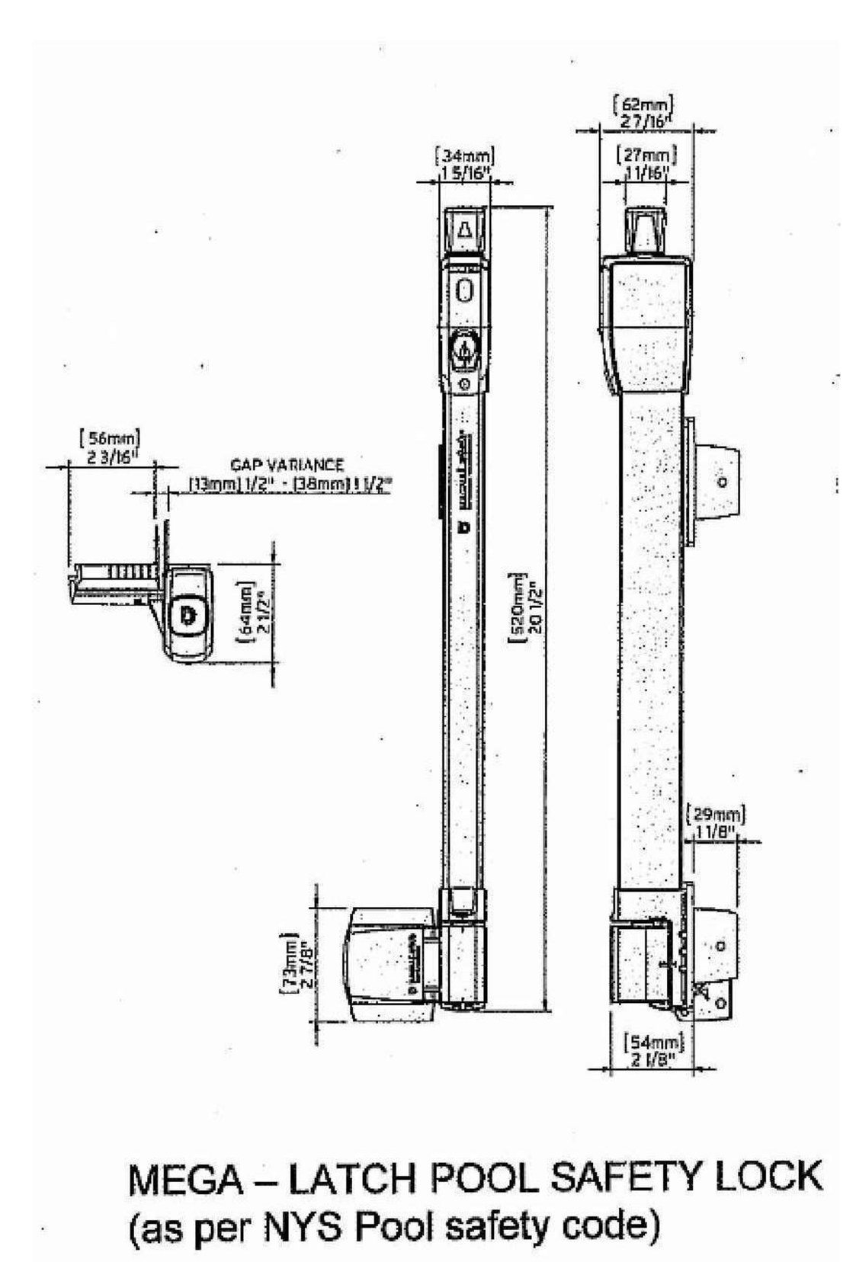
330XLHD CULTEC DETAIL
N.T.S.



DRAIN PIPE TRENCH DETAIL
N.T.S.

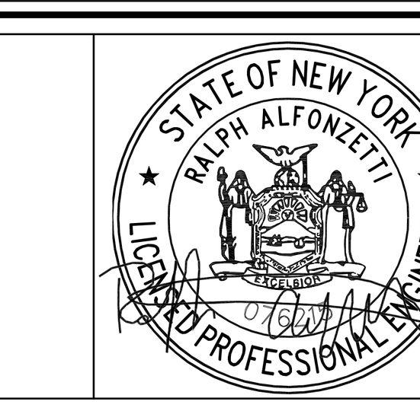


'CULTEC' CHAMBERS INSPECTION PORT NON-TRAFFIC APPLICATION
N.T.S



MEGA – LATCH POOL SAFETY LOCK
(as per NYS Pool safety code)

Dig Safely. New York
Call 811 before you dig



ALFONZETTI ENGINEERING, P.C.
14 SMITH AVE, MT. KISCO, N.Y. 10549
914-666-9800 INFO@ALFONZETTIENG.COM

SITE DATA	
OWNER/APPLICANT:	
SITE ADDRESS: 7 HEMLOCK HOLLOW PL, ARMONK, NY 10504	
TAX MAP #: 94.04-2-29.3	
LOT AREA: 4.5 ACRES	REVISED: MARCH 19, 2024 REVISED: JANUARY 11, 2024 REVISED: OCTOBER 25, 2023 REVISED: SEPTEMBER 15, 2023 REVISED: AUGUST 21, 2023
ZONING: R-2A	

DRAWING: DRIVEWAY PROFILE & SITE DETAILS
JULY 17, 2023

SHEET: 03 OF 03

PROJECT: SCHWARTZ RESIDENCE
TOWN OF NORTH CASTLE,
WESTCHESTER COUNTY, NEW YORK

2020 Residential Code Of New York State

Climatic & Geographic Design Criteria Table R301.2(1)

Ground Snow Load	Wind Design				Seismic Design Category	Subject To Damage From			Winter Design Temp.	Ice Shield Underlayment Required	Flood Hazards	Air Freezing Index	Mean Annual Temperature
	Speed (mph)	Topographic Effects	Special Wind Region	Wind-Borne Debris Zone		Weathering	Frost Line Depth	Termite					
30 lb/ft	115 mph	No	Yes	Zone 1	B	Severe	42"	Very Heavy	10° F	Yes	Yes	1500 or Less	50 F

Manual J Design Criteria

Elevation	Latitude	Winter Heating	Summer Cooling	Altitude Correction Factor	Indoor Design Temperature	Design Temperature Cooling	Heating Temperature Difference
292	41° 8' 11"	12	87	None	72	75	60
Cooling Temperature Difference	**Wind Velocity Heating**	**Wind Velocity Cooling**	**Coincident Wet Bulb**	**Daily Range**	**Winter Humidity**	**Summer Humidity**	
12	-	-	72	M	-	-	

General Notes:

1. ALL WORK AND MATERIALS SHALL CONFORM TO ALL LOCAL, COUNTY AND STATE CODES.
2. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO FULLY COMPLETE THE JOB. EXCEPT WHERE SPECIFICALLY AGREED ON BY OWNER, JOB SHALL BE READY FOR OCCUPANCY IN A GOOD WORKMANSHIP MANNER WITH ALL WORK DONE AS SHOWN OR REASONABLY INTENDED ON DRAWINGS, IT SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

1. BUILDING PERMIT
2. INSURANCE
3. EXCAVATION
4. CONCRETE WORK
5. CARPENTRY
6. ROOFING & FLASHING
7. CAULKING
8. GUTTERS & LEADERS
9. INSULATION
10. GYPSUM BOARD & TAPING
11. STONE & TILE WORK
12. PAINTING & FINISHING
13. ELECTRICAL
14. PLUMBING

See Specification on last page for more information

Construction Type Note:

As Per Title 19 NYCRR Part 1265

Provide Label As Shown Below

V FR

V = Construction Type
As Per Section 602 of BCNYS

FR = Floor And Roof Framing
As Per Designation For Structural Components That Are Of Truss/ Engineered Type Construction

Size:

6" Diameter Circle

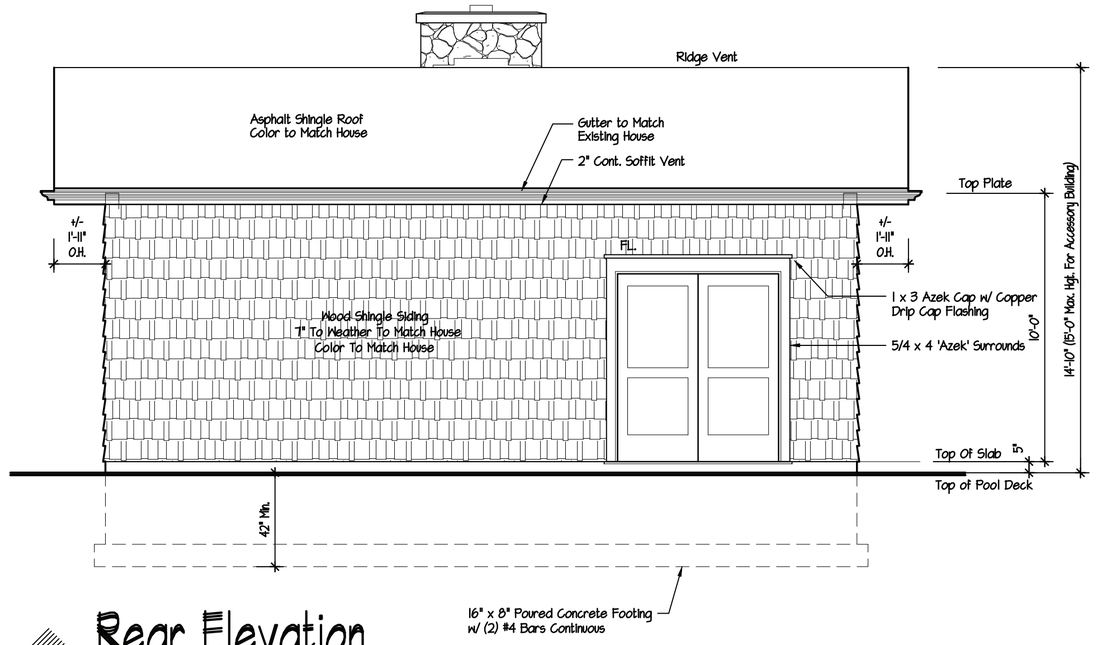
Color:

Circle To Be 1/2" Stroke - Reflective Red Pantone #187
Inner Circle - Reflective White
Text - Reflective Red Pantone #187

Sign Location:

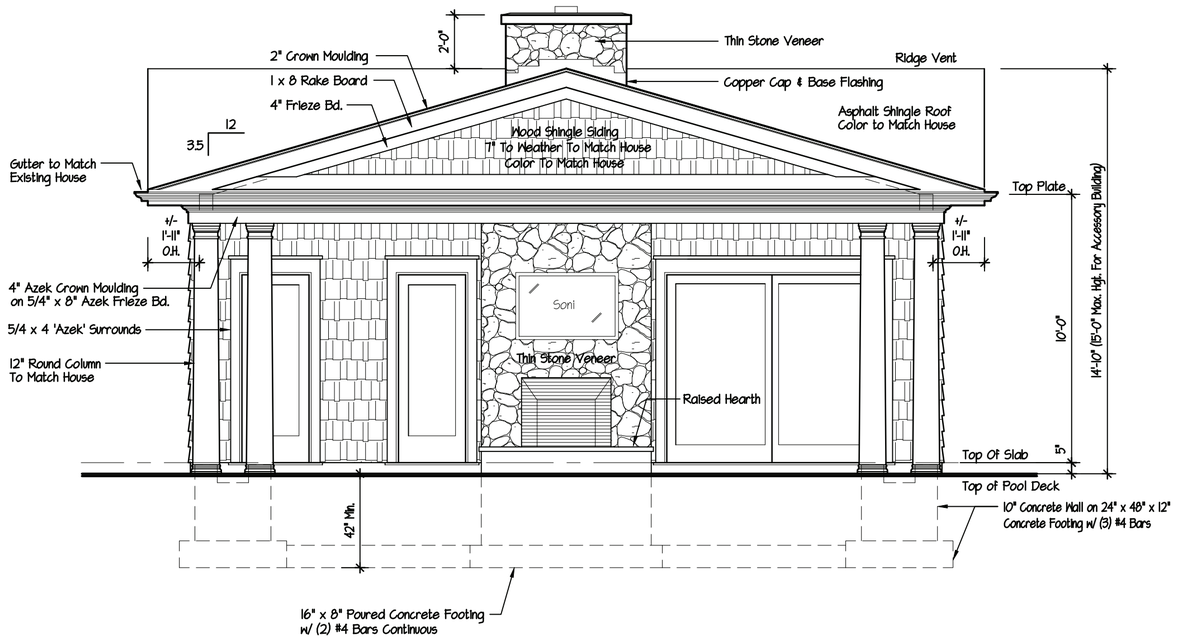
The Sign Or Symbol Required Shall By Affixed To The Electric Box Attached To The Exterior Of The Residential Structure.
See Section 1265.5 For Further Notes On Sign Location.

See Title 19 NYCRR Part 1265 For Other Specs



Rear Elevation

Scale: 1/4" = 1'-0"



Front Elevation

Scale: 1/4" = 1'-0"

DeMasi Architects P.C.
105 SMITH AVENUE, MOUNT KISCO, NEW YORK 10549
PHONE: (914) 666-3858
EMAIL: Lou@DemasiArchitects.com
WEBSITE: DemasiArchitects.com

REGISTERED ARCHITECT LOUIS DEMASI 031061 STATE OF NEW YORK

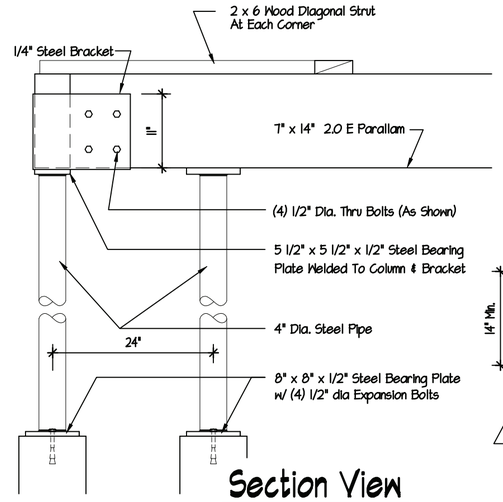
Cabana Plan For
7 Hemlock Hollow Place
Armonk, NY.

Revision	Date

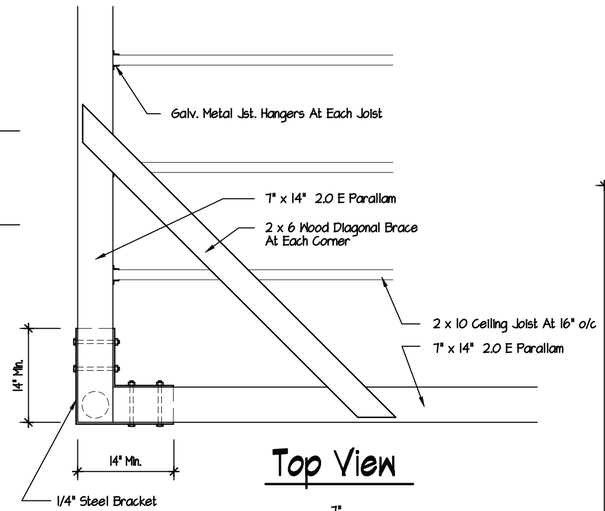
Date: Feb. 29, 2024

Job No: 224-009

Drawing: 1 OF 4



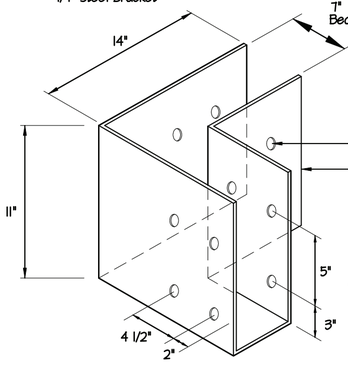
Section View



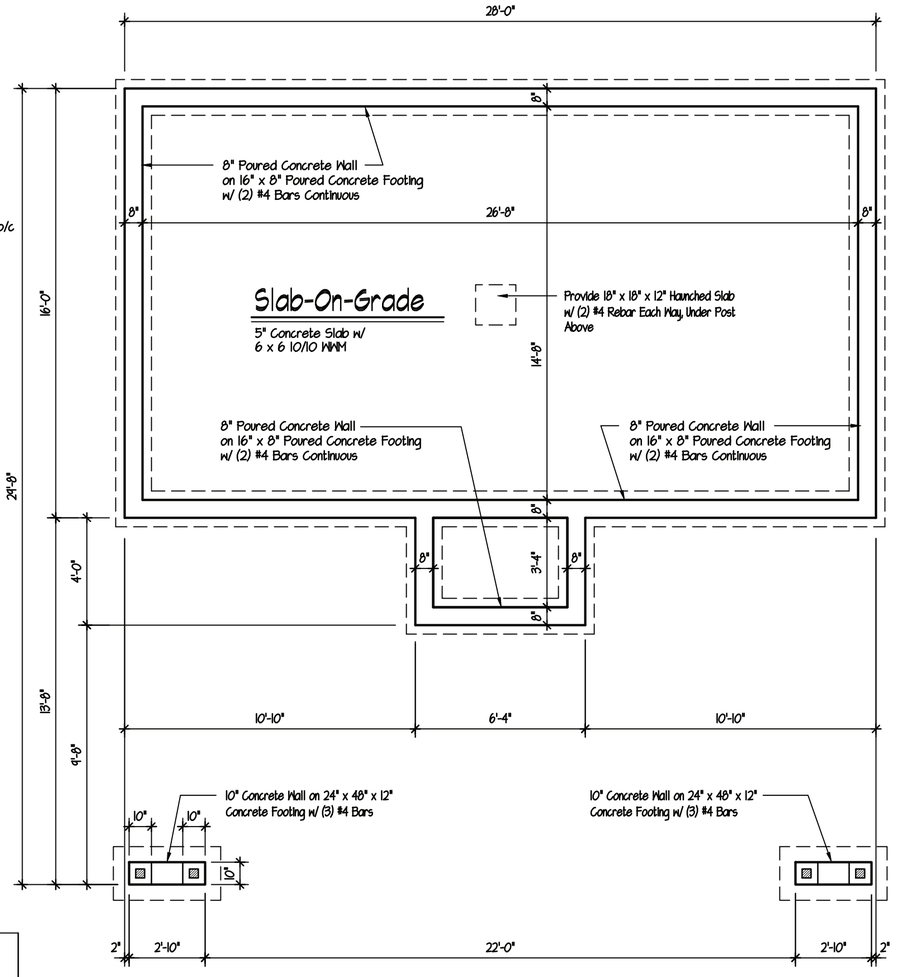
Top View

Steel Column / Bracket Detail

Scale: 3/4" = 1'-0"

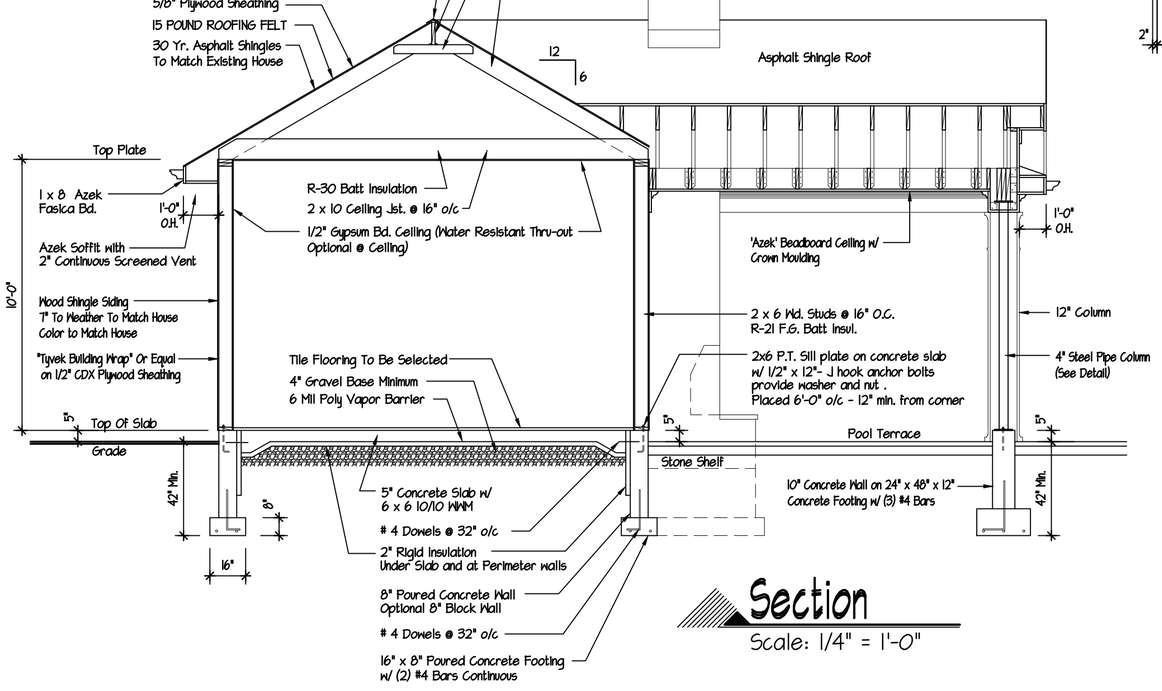


Custom Bracket Isometric View



Foundation Plan

Scale: 1/4" = 1'-0"



Section

Scale: 1/4" = 1'-0"

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REGISTERED ARCHITECT LUIGI DEMASI 037061 STATE OF NEW YORK

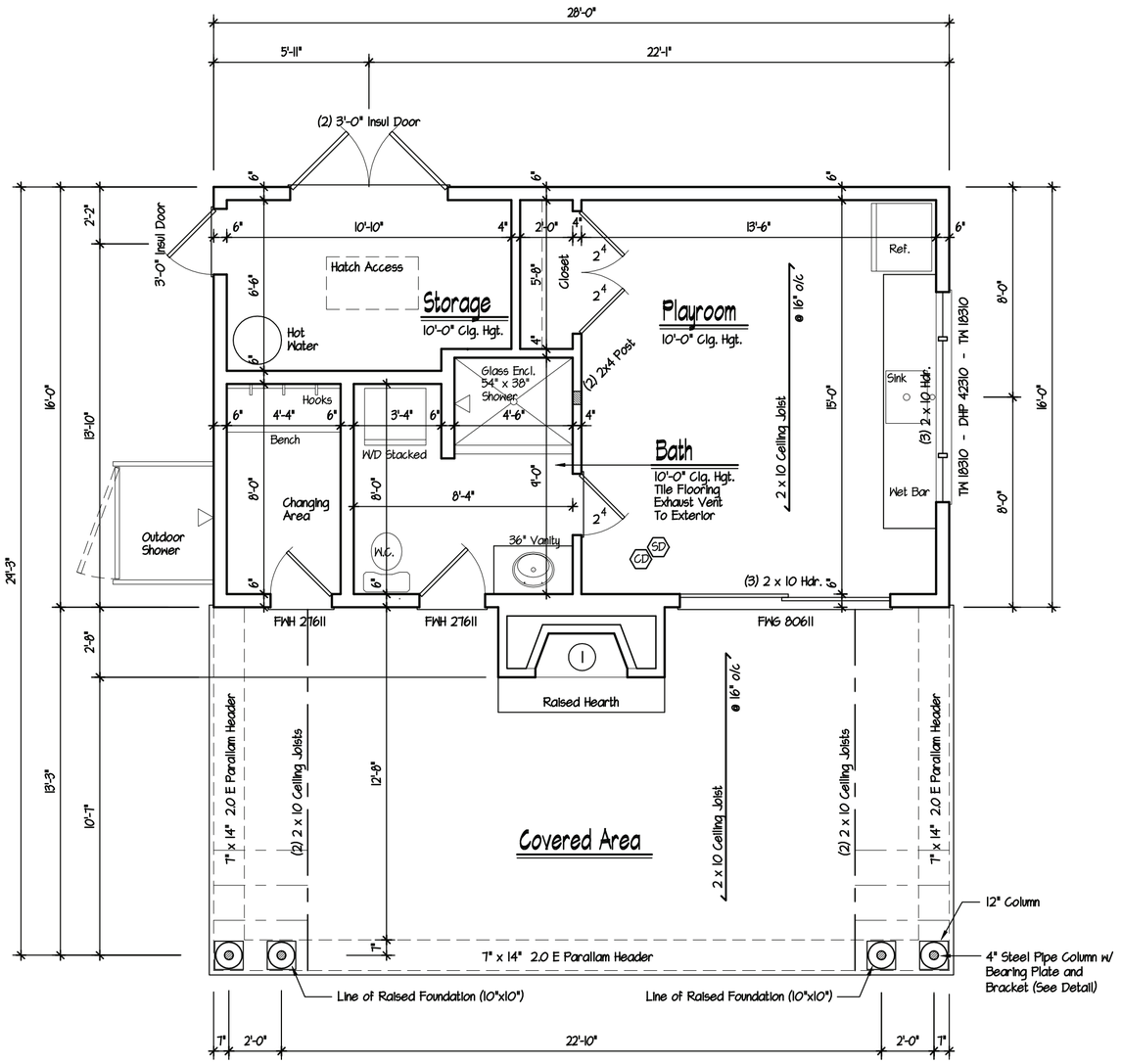
Cabana Plan For
7 Hemlock Hollow Place
Armonk, NY.

Revision	Date

Date: Feb. 29, 2024

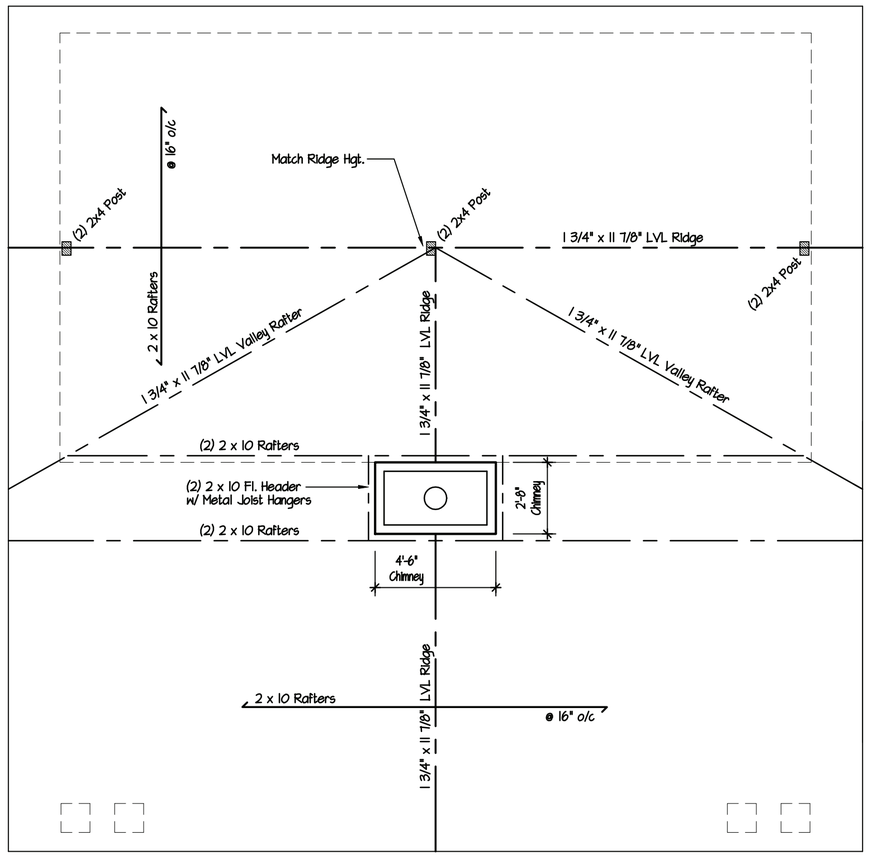
Job No: 224-009

Drawing: 2 OF 4



Cabana Floor Plan

Scale: 1/4" = 1'-0"



Roof Framing Plan

Scale: 1/4" = 1'-0"

Fireplace Note:

1. Pre-Fab Fireplace Wood Burning Stone Veneer, Raised Flagstone Hearth

Wood Header Schedule

Span	Header Size
Up To 3'-0"	(2) 2 x 8 Hdr
Up To 4'-0"	(2) 2 x 10 Hdr
Up To 6'-0"	(3) 2 x 10 Hdr

Note:
Unless Otherwise Noted On Plans

Notes:

All Framing Members To Be # 2 Douglas Fir- Larch Or Better

Double Frame Under All Partitions Parallel To Framing

If Tile Floor Is To Be MUD Job Consult Architect For Additional Framing Required

Legend:

- (4) 2 x Wood Post or As Noted
- SD — Smoke Detector w/ Battery Back-Up
- CD — Carbon Monoxide Detector w/ Battery Back-Up

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REGISTERED ARCHITECT LUIGI DEMASI 031061 STATE OF NEW YORK

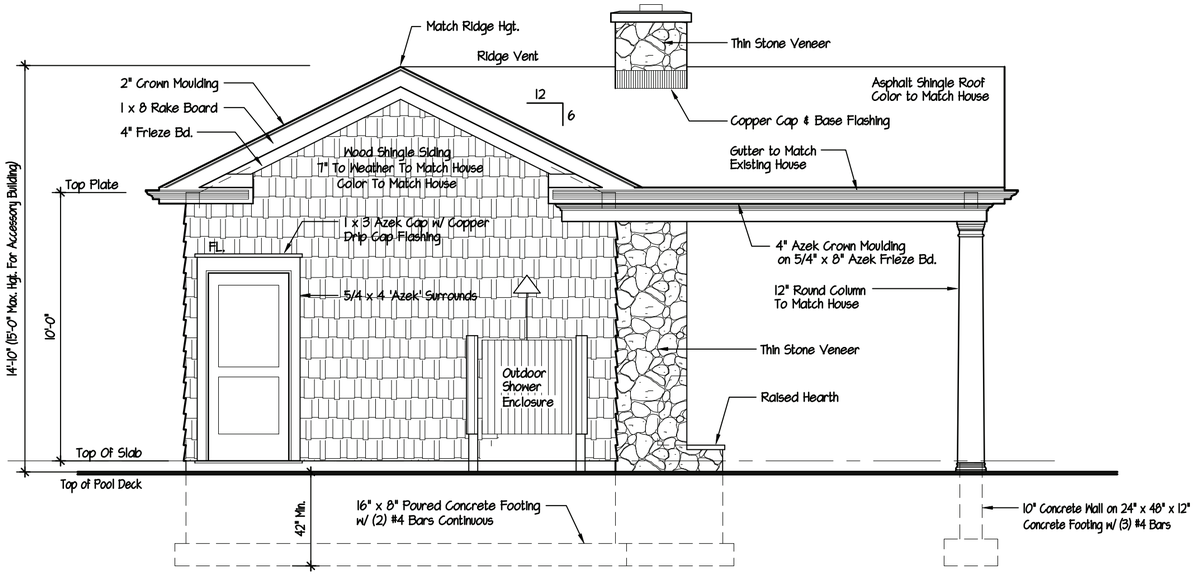
Cabana Plan For
7 Hemlock Hollow Place
Armonk, NY.

Revision	Date

Date: Feb. 29, 2024

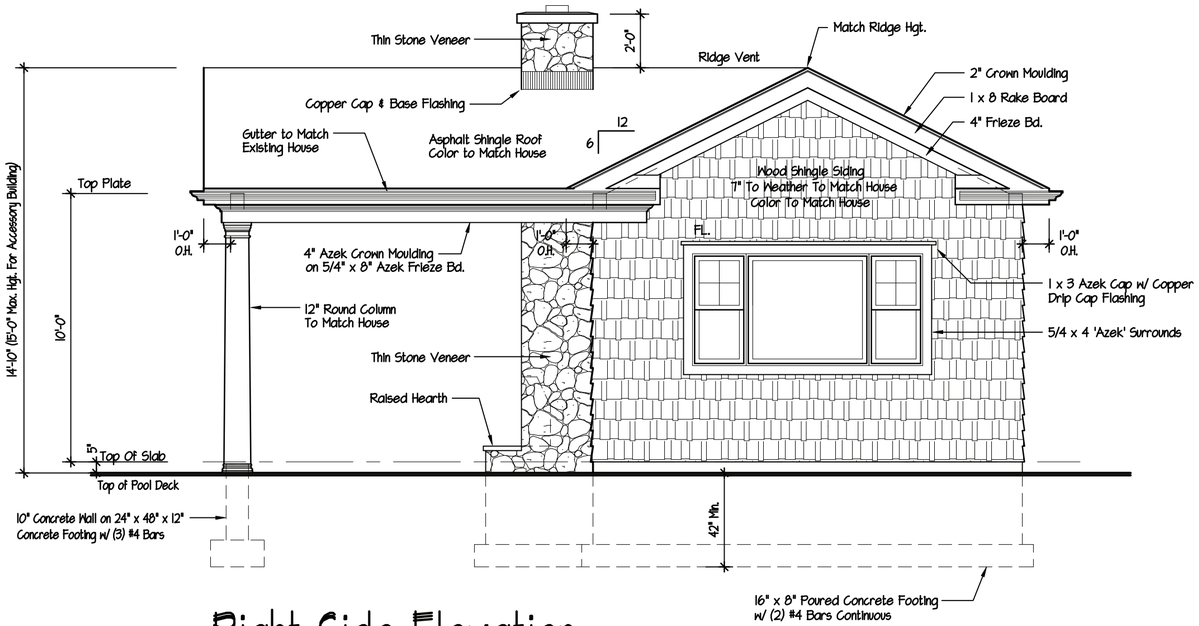
Job No: 224-009

Drawing: 3 OF 4



Left Side Elevation

Scale: 1/4" = 1'-0"



Right Side Elevation

Scale: 1/4" = 1'-0"

Excavation:

FOUNDATION: Excavate all earth, boulders, loose and soft rock to the lines and depths indicated on the drawings. All footings to bear on solid, undisturbed earth. Excavate for all utilities as required.

FOOTINGS: To bear 12" below line of solid undisturbed earth. Design of footings are based on 2,000 psi soil. If soil bearing conditions are questionable, contractor shall consult engineer for footing design. Sloped footings shall be 1:2 max. slope. Provide (2) #4 bars continuous (refer to wall section). All footings bearing from rock to soil shall be reinforced with (4) #5 bars (6' min. on both sides of joint). Dowel and pin all footings bearing on rock with a slope greater than 7:12 (30 degrees) w/ #4 dowels @ 24" o/c max.

FINISH GRADING: Finish grading shall be established to provide surface drainage in all directions away from the pool house and excavated areas.

Concrete & Masonry:

Weathering Condition: Severe

CONCRETE: Shall be a min. F'c = 3,000 psi compressive strength for footings & foundation walls and F'c = 3,500 psi compressive strength for terrace & floors. Concrete shall be "Air Entrained", total air content shall not be less than 5 % or more than 7 %. All concrete work shall conform to the latest American Concrete Institute (ACI) guidelines.

CONCRETE FLOORS: Shall have a smooth, dense steel trowel finish, suitable to receive flooring. Concrete floors in living areas shall have 6 mil. poly vapor barrier and 2" x 24" (min.) rigid polystyrene foam insulation around the perimeter of the slab, where slab is within 2'-0" of grade. Pitch all terrace floors for drainage. (1/8"/ft. min.)

POURED CONCRETE FOUNDATION: Shall comply with the latest edition of American Concrete Institute Specification and shall be plumb, straight, level and true. Forms to be properly constructed to hold concrete. Provide (2) #4 bars located at top and bottom of wall. All reinforcing bars for concrete work shall conform to A.S.T.M. A615 grade 60.

MASONRY: Concrete block shall be load bearing laid level, plumb and straight in a full bed of cement mortar (TYPE "S") with galvanized metal truss-type ties @ 24" horizontal and vertical. All joints to be well tooled. All masonry work shall conform to ACI 530 code and all reinforcement work shall conform to ACI 318-71. Fill top two courses solid with cement mortar.

DAMPROOFING: In areas of high water table or severe soil-water conditions are known to exist, provide 2-ply hot mopped felts, 55 pound roll roofing from top of footing to finished grade. All joints are to be lapped and sealed with adhesive.

Miscellaneous Metals:

STEEL: Shall conform to ASTM specification A-36 for structural steel.

ANCHOR BOLTS: Provide 1/2" dia. X 12" with hooked end. Bolts to be placed 6-0" o.c. max., 12" min. from corner and 2 bolts min. per sill. Consult Architect for anchoring in other seismic zone.

Carpentry:

Decay Design Condition: Slight - Moderate
Termite Design Condition: Moderate - Heavy.

Design Loads;

First Floor Loads	Live Load	40 #/sf
	Dead Load	12 #/sf
Second Floor Loads	Live Load	30 #/sf
	Dead Load	12 #/sf
Attic Load	Live Load	20 #/sf
(< 4'-6" Headroom)	Dead Load	12 #/sf
(> 4'-6" Headroom)	Live Load	30 #/sf
	Dead Load	12 #/sf
Ground Snow Load	Live Load	45 #/sf
	Dead load	7 #/sf

Wind Speed Design load: 100 mph

LUMBER: All framing lumber to be stress grade Douglas Fir Larch No. 2 or better.

FRAMING: Framing of the entire house shall be erected plumb, level and true, securely nailed. Joists, studs and rafters shall be doubled above all openings. All flush headers shall be connected with metal joist hangers. Double frame under all partitions parallel to framing. Sizes of joists, sheathing and rafters are shown on plans. Provide solid blocking under all posts. Contractor to provide all fire blocking at all stud wall over 10'-0" high or all horizontal furred spaces at 10'-0" intervals max.

TERMITE SHIELD: Shall be bent Copper with sealed lapped joints (refer to wall section for other information).

SILL PLATES: All wood sill plates that rest on concrete or masonry exterior walls shall be pressure preservatively treated in accordance with AWPA standards or shall be of decay-resistant heartwood of redwood, black locust, or cedars. All sill plates to be set on fiberglass sill sealer or equal.

GLULAM BEAM: Shall be No. 1 Douglas Dir (min. Fb-2200 PSI).

LAMINATED VENEER BEAM: Shall be "Microlam 1.9E" by Trus Joist MacMillan or equal, min. fb. 2600. Install as per manufacturer's specifications. Install as per manufacturer's specifications.

SHEATHING: Shall be 1/2" at walls & 5/8" at roof exterior grade plywood nailed to each framing member.

WINDOWS & PATIO DOORS TO BE "ANDERSEN"
SEE PLANS FOR TYPE, COMPLETE
WITH HIGH PERFORMANCE GLASS AND SCREENS.
Units to match existing house

EXTERIOR DOORS TO BE "Anderson" OR EQUAL

FIBER-CEMENT SIDING: Shall be Fiber-cement Plank Siding by HARDIPLANK or Equal. Install according to manufacturer's guidelines and details. Provide 3/8" x 1 1/2" wood starter strip set to true level 1/4" up from bottom edge of siding. Lap siding on 1 1/4" minimum over course below, placing all end joints over stud bearing. Use only galvanized or corrosion resistant fasteners.

INTERIOR DOORS: as per owners specifications

EXTERIOR TRIM: AZEK or equal

INTERIOR TRIM: as per owners specifications

FLOORS: as per owners specifications

ROOFING: All chimneys shall be properly flashed. Provide self-sealing rubberized waterproof membrane (36" wide min.) at all eaves, openings, hips, valleys, and ridges by W.R. Grace and Company or equal (ice and watershield). All roofing shall be installed by qualified roofing contractors, in strict accordance with manufacturer's specifications.

ASPHALT SHINGLE ROOF: Shall be 25 Yr. Asphalt Shingles To Match Existing House laid on 15 lb. roofing felt.

ROOF VENTILATION: Ventilate all attic and rafter spaces with proper sized screened ridge and soffit vents or louvers (see plans).

GYPSUM BOARD: 1/2" nailed with rosin nails according to manufacturer's specifications. All joints to be taped and receive three (3) coats of joint compound. Finish to be smooth and even, ready for painting. Provide 5/8" type "X" gypsum board at both sides at storage room. Water resistant Gypsum Board At Walls and Optional at Ceiling

GUTTERS AND LEADERS: Provide baked aluminum gutters leaders and hardware as required. All leaders and gutters are to be properly supported at all joint areas. Profile to match existing house

INSULATION: Shall be fiberglass batts with vapor barrier. Provide insulation as per Energy Conservation Code

Ceilings adjoining roof:	R-30
Exterior Stud Walls:	R-21

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REGISTERED ARCHITECT LUIGI DEMASI 031061 STATE OF NEW YORK

Cabana Plan For
7 Hemlock Hollow Place
Armonk, NY.

Revision	Date

Date: Feb. 29, 2024

Job No: 224-009

Drawing: 4 OF 4

448

388

Note: Lines Shown are Computer Polyline Entities

Cabana Floor

Scale: 1/4 " = 1'-0"

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REGISTERED ARCHITECT LUIGI DEMASI 031061 STATE OF NEW YORK

FAR Calculations For
7 Hemlock Hollow Place
Armonk, NY.

Revision	Date

Date Feb. 29, 2024

Job No 224-009

Drawing

OF

ALFONZETTI ENGINEERING, P.C.
14 Smith Avenue, Mt. Kisco, NY 10549

(914) 666-9800 Info@AlfonzettiEng.com

Stormwater Pollution Prevention Plan

for

7 Hemlock Hollow Place
Town of North Castle

September 18, 2023
Revised: March 19, 2024

ALFONZETTI ENGINEERING, P.C.
14 Smith Avenue, Mt. Kisco, NY 10549

(914) 666-9800 Info@AlfonzettiEng.com

PROJECT: 7 Hemlock Hollow Place
Town of North Castle, NY

SCOPE: Stormwater Pollution Prevention Plan

DATE: September 18, 2023
Revised: March 19, 2024

Introduction:

The subject site is located at 7 Hemlock Hollow Place, in the Town of North Castle, New York. The site consists of vegetation in the form of woods. The applicant is proposing a single-family residence with a pool, patio and pool house. The change in surface cover and addition of impervious surface warrants this drainage assessment.

The subject property's tax map identification is Section 94.04, Block 2, Lot 29.3 and the total lot area is 4.5 acres.

Discussion:

The site is located in an area tributary to the Inland Long Island Sound Basin. Site disturbance is approximately 81,119 S.F. or 1.86 acres.

The proposed improvements to this site, with approximately 1.86 acres of disturbance, require a Stormwater Pollution Prevention Plan as per New York State Department of Environmental Conservation. This stormwater pollution prevention plan complies with New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity–GP-0-20-01, as such this stormwater pollution prevention plan only includes erosion and sediment controls, as the disturbance is greater than 1 acre but is not located in a watershed identified in appendix D of the SPDES Stormwater Permit.

Stormwater Quantity:

Deep test holes and percolation tests were performed on site to determine the suitability of the soil for subsurface detention. The results are shown in the appendix of this report. In addition, the soils in the area of disturbance are classified as Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky and Charlton-Chatfield complex, 15 to 35 percent slopes, very rocky. A hydrologic soil group of 'B' is used.

In the existing condition Drainage Study Area 1 consists of the existing wooded area contained in the outline of the proposed impervious driveway.

In the existing condition Drainage Study Area 2 consists of the existing wooded area contained in the outline of the proposed impervious dwelling, patio, pool and pool house.

In the proposed condition Drainage Study Area 1 consists of the proposed impervious driveway.

In the existing condition Drainage Study Area 2 consists of the proposed impervious dwelling, patio, pool and future pool house.

Curve number calculations for the drainage study area are shown in the appendix of this report. The results are shown below:

Drainage Study area	Tributary Area	Area (sf)	Existing Curve Number	Proposed Curve Number
1	Driveway	11,039	55	98
2	Dwelling, Patio, Pool & Pool House	8,520	55	98

Using the curve number, and a 100-year design storm event of 9.2", the existing and proposed conditions were entered using a HydroCad model. To be conservative, existing impervious area on the site was not accounted for in the HydroCad model.

To ensure no off-site flooding occurs as a result of the proposed construction, a subsurface infiltration system is proposed to capture the required storage volume for both drainage studies.
The infiltration system for drainage area 1 is located in the lawn area. The infiltration system consists of thirty (30) 'Cultec' stormwater chambers, model '330XLHD', or approved equal, surrounded by crushed stone and filter fabric.

The infiltration system for drainage area 2 is located in the lawn area. The infiltration system consists of twenty-eight (28) 'Cultec' stormwater chambers, model '330XLHD', or approved equal, surrounded by crushed stone and filter fabric.

Using the dimensions of the chambers, a stone void ratio of 33%, and a design percolation rate of 10 min./inch for drainage study 1 and 20 min./inch for drainage study 2, the peak flow comparison is shown below.

Peak Flow Comparison:

Design Point	Storm Event	Existing Peak Runoff (cfs)	Proposed Peak Runoff (cfs)	Net Change (cfs)
1	100 Year	0.98	0.64	-0.34
2	100 Year	0.76	0.61	-0.15

Calculations and additional information are shown in the appendix of this report. Details are shown on the site plan.

Temporary Erosion Control Measures:

The following is an inventory and description of the temporary erosion control devices proposed on this site.

Silt Fence – Silt Fencing consists of a fabric barrier between supporting stakes or posts usually made of wood. The fabric is proposed to capture suspended sediments from construction runoff and also decreases the velocity of the runoff to protect off-site areas. The proposed location of the silt fence is shown on the plans along with details for installing the silt fence.

Anti-Tracking Pad – An Anti-Tracking Pad shall be installed at the construction entrance. The purpose of the Anti-Tracking Pad shall be to dislodge mud, dirt, and debris from construction vehicles prior to these vehicles leaving the construction site. This will ensure the existing roadways are kept clear of sediment. Locations and details of the Anti-Tracking Pad are shown on the plans.

Construction Sequence:

The proposed development is proposed to be constructed in 1 phase. The construction will be in a sequence that will minimize the potential for erosion. Construction is scheduled to begin in the spring of 2023. The general sequence of construction is as follows:

- Stakeout, Erosion Control Measures, Clearing

  The initial fieldwork shall consist of surveying and staking for disturbance limits and erosion control installation. All trees to be preserved shall be marked and protected prior to the start of clearing operations. Erosion controls shall be installed as shown on the erosion control plan and as per the respective erosion control details. The tree clearing, if any, shall begin prior to the completion of the entire silt fence. Silt fence should not be installed in areas where tree clearing operations will damage silt fence. The silt fence installation will closely follow the tree clearing operations and will be complete prior to tree stump removal. Tree stump removal shall only begin following the installation of the anti-tracking pad at the construction entrance.

- Earthwork

  After trees/brush/stumps and other vegetation has been removed, the grading operations shall begin and the footing installation will begin. Initial earthwork operations involve the installation of some structural erosion control measures such as soil stockpiles. Any disturbed soil that will not be worked for a period greater than 14 days must be stabilized.

- Grading/Drainage/Utility Installation

  The drainage construction shall begin once the footings have cured, been striped, and backfilled. As the drainage system is installed it shall be protected to ensure sediment does not enter the system. Once land disturbing operations are completed, final grading, seeding, sodding, and other soil stabilizing landscaping may be installed. The infiltration systems shall not be put into service until the contributing area is stabilized.

- Removal of Erosion Control Devices

  As areas are stabilized, sediment shall be removed and erosion control devices shall be discarded in an appropriate and lawful manor.

Maintenance:

A maintenance chart is below showing typical maintenance schedule of temporary erosion control devices during construction. The maintenance of the erosion control devices is the responsibility of the contractor.

Temporary Erosion Control device maintenance schedule is as follows:

Device	Weekly	Monthly	Bi-annually	Annually	Prior to Significant Rainfall	After Significant Rainfall
Silt fence		Inspect		Inspect	Inspect	Inspect/clean
Anti-tracking pad	Inspect		Restore			Inspect

Conclusion:

The proposed infiltration systems consisting of a total of fifty-eight (58) 'Cultec' model '330XLHD' stormwater chambers, will mitigate the small increase in stormwater runoff, therefore there should be no adverse impacts due to stormwater as a result of the proposed improvements.

Ralph Alfonzetti, P.E.
ALFONZETTI ENGINEERING, P.C.

Deep Test Hole Information: (designations are shown on the plan)

Deep Test Hole (DT1)

0 – 12”	Topsoil
12” – 24”	Brown Sandy Loam
24” – 90”	Fine Gray Sand with Rocks

No Ledge / No Water

Percolation Test 1 (PT1) Results: (designations are shown on the plan)

Percolation Test 1 (PT1): 1.7 min./inch*

* A design percolation of 10 min./inch (6 inch/hour) was used.

Deep Test Hole (DT2)

0 – 14”	Topsoil
14” – 24”	Brown Sandy Loam
24” – 84”	Tan Sand with Stones

No Ledge / No Water

Percolation Test (PT) Results: (designations are shown on the plan)

Percolation Test (PT): 17 min./inch*

* A design percolation of 20 min./inch (3 inch/hour) was used.

Note: Percolation tests were conducted as per New York State Design Manual.

Hydrologic Soil Group Map (from USDA):

Hydrologic Soil Group—Westchester County, New York

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Westchester County, New York
Survey Area Data: Version 18, Sep 10, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 21, 2022—Oct 27, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
CrC	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	B	6.5	57.1%
CsD	Chatfield-Charlton complex, 15 to 35 percent slopes, very rocky	B	1.6	14.3%
CtC	Chatfield-Hollis-Rock outcrop complex, 0 to 15 percent slopes	D	0.1	1.0%
CuD	Chatfield-Hollis-Rock outcrop complex, 15 to 35 percent slopes	D	1.5	13.1%
LcB	Leicester loam, 3 to 8 percent slopes, stony	A/D	1.6	13.7%
Sm	Sun loam, extremely stony	C/D	0.1	0.9%
Totals for Area of Interest			**11.4**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

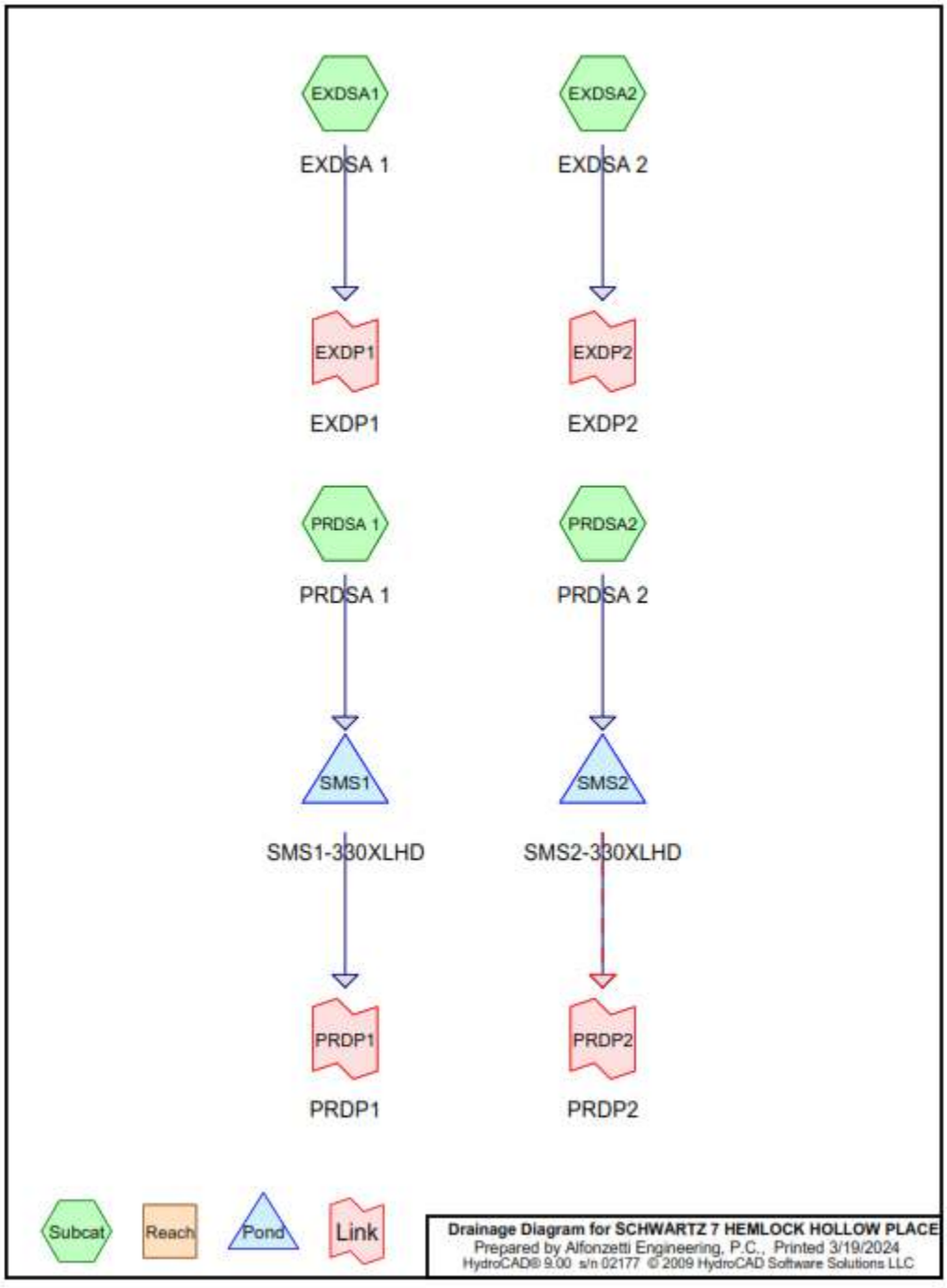
Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

HydroCad Report:



SCHWARTZ 7 HEMLOCK HOLLOW PLACE
Prepared by Alfonzetti Engineering, P.C. Printed 3/19/2024
HydroCAD® 9.00 s/n 02177 © 2009 HydroCAD Software Solutions LLC

Area Listing (all nodes)

Area (sq-ft)	CN	Description (subcatchment-numbers)
19,559	55	Woods, Good, HSG B (EXDSA1, EXDSA2)
11,039	98	Paved Parking, HSG B (PRDSA 1)
4,365	98	Proposed Dwelling (PRDSA2)
2,316	98	Proposed Patio (PRDSA2)
1,008	98	Proposed Pool (PRDSA2)
831	98	Proposed Pool House (PRDSA2)
39,118		**TOTAL AREA**

SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
Prepared by Alfonzetti Engineering, P.C. Printed 3/19/2024
HydroCAD® 9.00 s/n 02177 © 2009 HydroCAD Software Solutions LLC

Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment EXDSA1: EXDSA 1 Runoff Area=11,039 sf 0.00% Impervious Runoff Depth=3.63"
Tc=8.0 min CN=55 Runoff=0.98 cfs 3,342 cf

Subcatchment EXDSA2: EXDSA 2 Runoff Area=8,520 sf 0.00% Impervious Runoff Depth=3.63"
Tc=8.0 min CN=55 Runoff=0.76 cfs 2,580 cf

Subcatchment PRDSA 1: PRDSA 1 Runoff Area=11,039 sf 100.00% Impervious Runoff Depth=8.96"
Tc=6.0 min CN=98 Runoff=2.29 cfs 8,242 cf

Subcatchment PRDSA2: PRDSA 2 Runoff Area=8,520 sf 100.00% Impervious Runoff Depth=8.96"
Tc=6.0 min CN=98 Runoff=1.77 cfs 6,361 cf

Pond SMS1: SMS1-330XLHD Peak Elev=607.71' Storage=2,339 cf Inflow=2.29 cfs 8,242 cf
Discarded=0.16 cfs 7,203 cf Primary=0.64 cfs 1,039 cf Outflow=0.80 cfs 8,242 cf

Pond SMS2: SMS2-330XLHD Peak Elev=607.75' Storage=2,100 cf Inflow=1.77 cfs 6,361 cf
Discarded=0.07 cfs 5,063 cf Primary=0.61 cfs 1,298 cf Secondary=0.00 cfs 0 cf Outflow=0.67 cfs 6,361 cf

Link EXDP1: EXDP1 Inflow=0.98 cfs 3,342 cf
Primary=0.98 cfs 3,342 cf

Link EXDP2: EXDP2 Inflow=0.76 cfs 2,580 cf
Primary=0.76 cfs 2,580 cf

Link PRDP1: PRDP1 Inflow=0.64 cfs 1,039 cf
Primary=0.64 cfs 1,039 cf

Link PRDP2: PRDP2 Inflow=0.61 cfs 1,298 cf
Primary=0.61 cfs 1,298 cf

Total Runoff Area = 39,118 sf Runoff Volume = 20,525 cf Average Runoff Depth = 6.30"
50.00% Pervious = 19,559 sf 50.00% Impervious = 19,559 sf

SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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Summary for Subcatchment EXDSA1: EXDSA 1

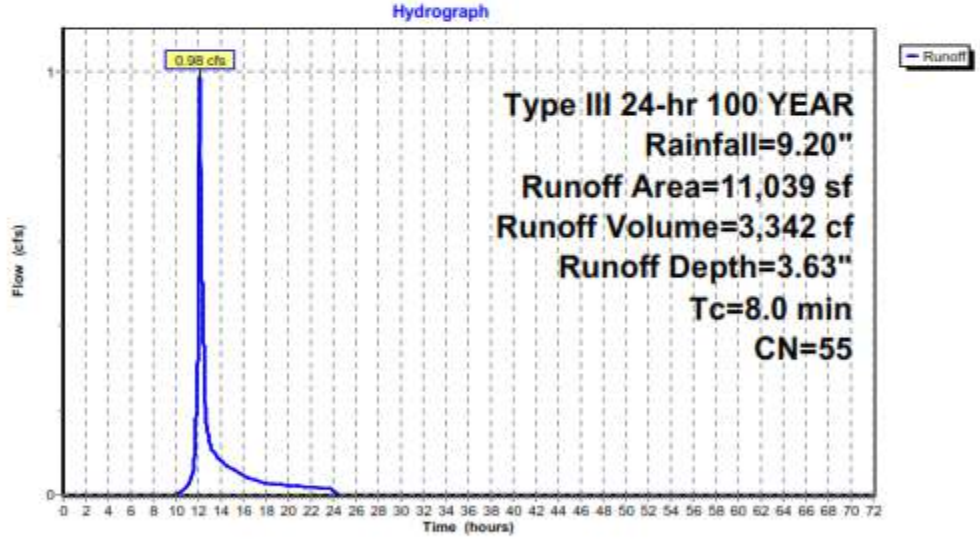
Runoff = 0.98 cfs @ 12.12 hrs, Volume= 3,342 cf, Depth= 3.63"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
Type III 24-hr 100 YEAR Rainfall=9.20"

Area (sf)	CN	Description
11,039	55	Woods, Good, HSG B
11,039		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.0					Direct Entry, Direct Entry

Subcatchment EXDSA1: EXDSA 1



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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Summary for Subcatchment EXDSA2: EXDSA 2

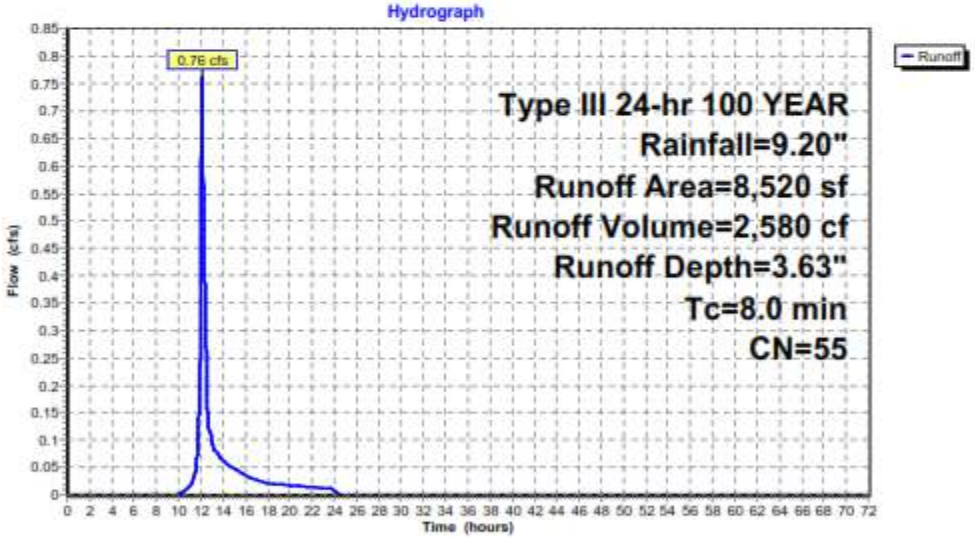
Runoff = 0.76 cfs @ 12.12 hrs, Volume= 2,580 cf, Depth= 3.63"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
Type III 24-hr 100 YEAR Rainfall=9.20"

Area (sf)	CN	Description
8,520	55	Woods, Good, HSG B
8,520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.0					**Direct Entry, Direct Entry**

Subcatchment EXDSA2: EXDSA 2



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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Summary for Subcatchment PRDSA 1: PRDSA 1

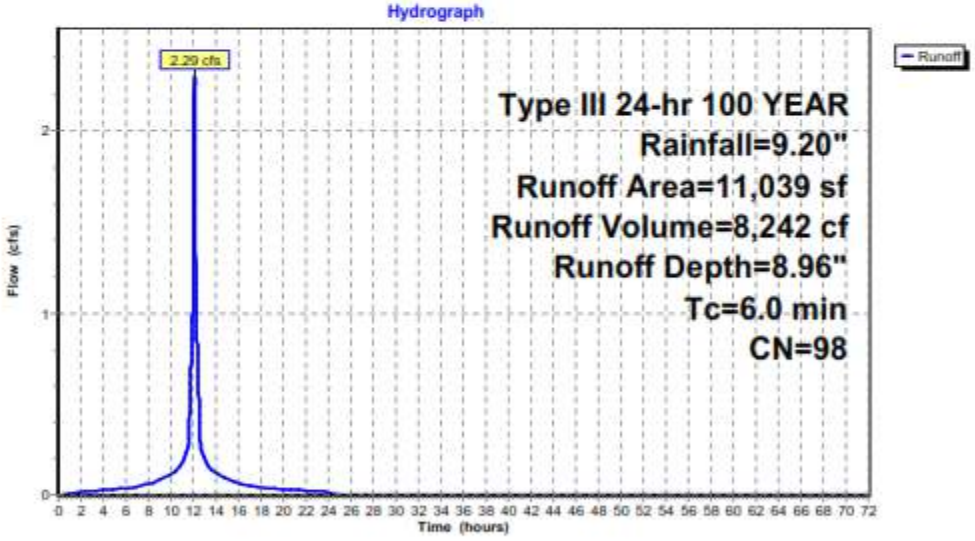
Runoff = 2.29 cfs @ 12.08 hrs, Volume= 8,242 cf, Depth= 8.96"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
Type III 24-hr 100 YEAR Rainfall=9.20"

	Area (sf)	CN	Description
*	11,039	98	Paved Parking, HSG B
	11,039		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					Direct Entry, Direct Entry

Subcatchment PRDSA 1: PRDSA 1



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Summary for Subcatchment PRDSA2: PRDSA 2

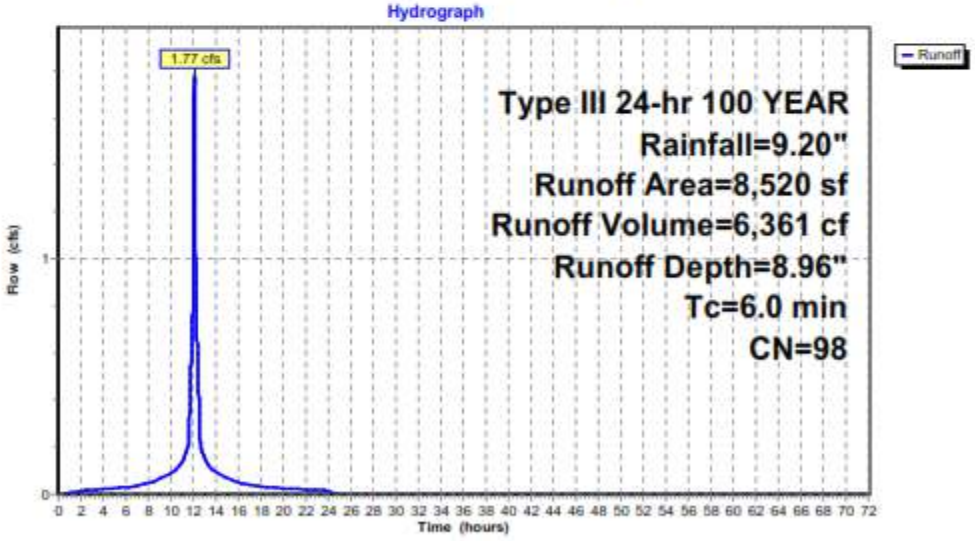
Runoff = 1.77 cfs @ 12.08 hrs, Volume= 6,361 cf, Depth= 8.96"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
Type III 24-hr 100 YEAR Rainfall=9.20"

	Area (sf)	CN	Description
*	4,365	98	Proposed Dwelling
*	2,316	98	Proposed Patio
*	1,008	98	Proposed Pool
*	831	98	Proposed Pool House
	8,520	98	Weighted Average
	8,520		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					Direct Entry, Direct Entry

Subcatchment PRDSA2: PRDSA 2



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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Summary for Pond SMS1: SMS1-330XLHD

Inflow Area = 11,039 sf,100.00% Impervious, Inflow Depth = 8.96" for 100 YEAR event
Inflow = 2.29 cfs @ 12.08 hrs, Volume= 8,242 cf
Outflow = 0.80 cfs @ 12.34 hrs, Volume= 8,242 cf, Atten= 65%, Lag= 15.6 min
Discarded = 0.16 cfs @ 10.88 hrs, Volume= 7,203 cf
Primary = 0.64 cfs @ 12.34 hrs, Volume= 1,039 cf

Routing by Stor-Ind method, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs / 2
Peak Elev= 607.71' @ 12.34 hrs Surf.Area= 1,129 sf Storage= 2,339 cf

Plug-Flow detention time= 81.6 min calculated for 8,242 cf (100% of inflow)
Center-of-Mass det. time= 81.6 min (821.2 - 739.6)

Volume	Invert	Avail.Storage	Storage Description
#1A	604.25'	804 cf	**25.67'W x 44.00'L x 3.54'H Field A** 4,000 cf Overall - 1,565 cf Embedded = 2,435 cf x 33.0% Voids
#2A	604.75'	1,565 cf	**Cultec R-330XL** x 30 Inside #1 Effective Size= 47.8"W x 30.0"H => 7.45 sf x 7.00'L = 52.2 cf Overall Size= 52.0"W x 30.5"H x 8.50'L with 1.50' Overlap
		2,368 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	604.25'	**6.000 in/hr Exfiltration over Surface area**
#2	Primary	607.00'	**6.0" Vert. Orifice/Grate** C= 0.600

Discarded OutFlow Max=0.16 cfs @ 10.88 hrs HW=604.29' (Free Discharge)
↳**1=Exfiltration** (Exfiltration Controls 0.16 cfs)

Primary OutFlow Max=0.64 cfs @ 12.34 hrs HW=607.71' (Free Discharge)
↳**2=Orifice/Grate** (Orifice Controls 0.64 cfs @ 3.28 fps)

SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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Pond SMS1: SMS1-330XLHD - Chamber Wizard Field A

Chamber Model = Cultec R-330XL
Effective Size= 47.8"W x 30.0"H => 7.45 sf x 7.00'L = 52.2 cf
Overall Size= 52.0"W x 30.5"H x 8.50'L with 1.50' Overlap

52.0" Wide + 6.0" Spacing = 58.0" C-C

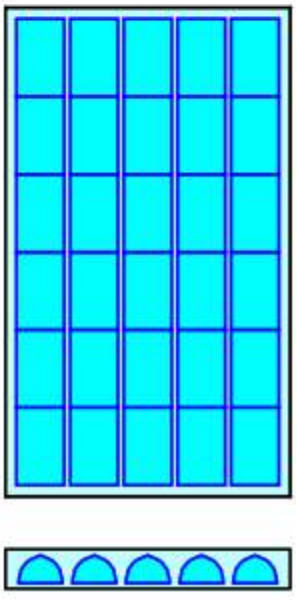
6 Chambers/Row x 7.00' Long = 42.00' + 12.0" End Stone x 2 = 44.00' Base Length
5 Rows x 52.0" Wide + 6.0" Spacing x 4 + 12.0" Side Stone x 2 = 25.67' Base Width
6.0" Base + 30.5" Chamber Height + 6.0" Cover = 3.54' Field Height

30 Chambers x 52.2 cf = 1,564.7 cf Chamber Storage

3,999.7 cf Field - 1,564.7 cf Chambers = 2,435.0 cf Stone x 33.0% Voids = 803.6 cf Stone Storage

Stone + Chamber Storage = 2,368.3 cf = 0.054 af

30 Chambers
148.1 cy Field
90.2 cy Stone



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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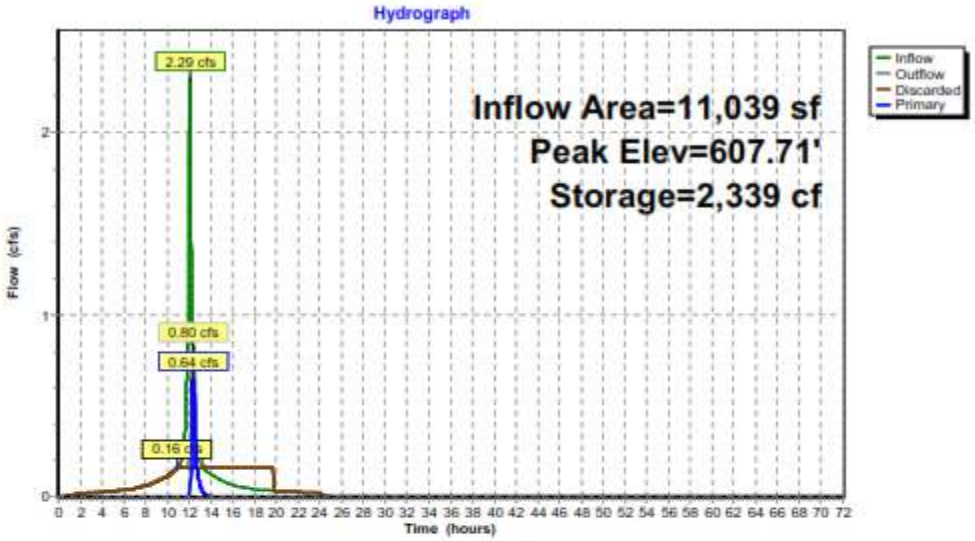
Pond SMS1: SMS1-330XLHD



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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Summary for Pond SMS2: SMS2-330XLHD

Inflow Area = 8,520 sf,100.00% Impervious, Inflow Depth = 8.96" for 100 YEAR event
Inflow = 1.77 cfs @ 12.08 hrs, Volume= 6,361 cf
Outflow = 0.67 cfs @ 12.31 hrs, Volume= 6,361 cf, Atten= 62%, Lag= 13.7 min
Discarded = 0.07 cfs @ 9.22 hrs, Volume= 5,063 cf
Primary = 0.61 cfs @ 12.31 hrs, Volume= 1,298 cf
Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0 cf

Routing by Stor-Ind method, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs / 2
Peak Elev= 607.75' @ 12.31 hrs Surf.Area= 986 sf Storage= 2,100 cf

Plug-Flow detention time= 179.3 min calculated for 6,360 cf (100% of inflow)
Center-of-Mass det. time= 179.3 min (918.8 - 739.6)

Volume	Invert	Avail.Storage	Storage Description
#1A	604.30'	670 cf	**19.33'W x 51.00'L x 3.54'H Field A** 3,492 cf Overall - 1,460 cf Embedded = 2,032 cf x 33.0% Voids
#2A	604.80'	1,460 cf	**Cultec R-330XL** x 28 Inside #1 Effective Size= 47.8"W x 30.0"H => 7.45 sf x 7.00'L = 52.2 cf Overall Size= 52.0"W x 30.5"H x 8.50'L with 1.50' Overlap
		2,131 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	604.30'	**3.000 in/hr Exfiltration over Horizontal area**
#2	Primary	607.00'	**6.0" Round Culvert** L= 19.3' CPP, square edge headwall, Ke= 0.500 Outlet Invert= 606.80' S= 0.0104 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior
#3	Secondary	607.75'	**24.0" x 24.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads

Discarded OutFlow Max=0.07 cfs @ 9.22 hrs HW=604.34' (Free Discharge)
↳**1=Exfiltration** (Exfiltration Controls 0.07 cfs)

Primary OutFlow Max=0.61 cfs @ 12.31 hrs HW=607.75' (Free Discharge)
↳**2=Culvert** (Barrel Controls 0.61 cfs @ 3.08 fps)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=604.30' (Free Discharge)
↳**3=Orifice/Grate** (Controls 0.00 cfs)

Pond SMS2: SMS2-330XLHD - Chamber Wizard Field A

Chamber Model = Cultec R-330XL
Effective Size= 47.8"W x 30.0"H => 7.45 sf x 7.00'L = 52.2 cf
Overall Size= 52.0"W x 30.5"H x 8.50'L with 1.50' Overlap

52.0" Wide + 0.0" Spacing = 52.0" C-C

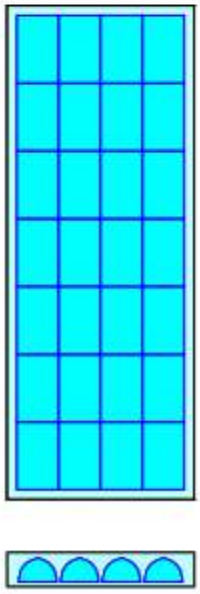
7 Chambers/Row x 7.00' Long = 49.00' + 12.0" End Stone x 2 = 51.00' Base Length
4 Rows x 52.0" Wide + 12.0" Side Stone x 2 = 19.33' Base Width
6.0" Base + 30.5" Chamber Height + 6.0" Cover = 3.54' Field Height

28 Chambers x 52.2 cf = 1,460.4 cf Chamber Storage

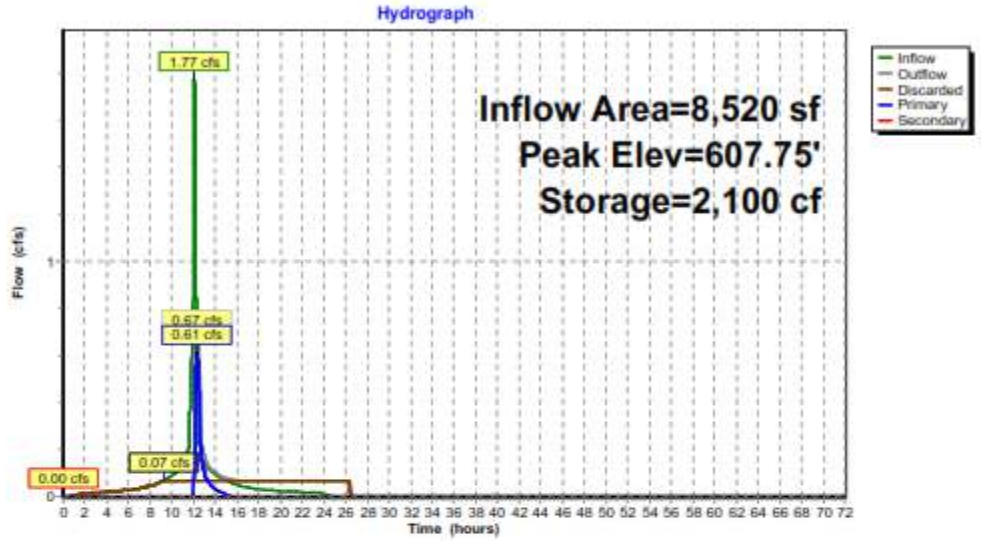
3,492.1 cf Field - 1,460.4 cf Chambers = 2,031.7 cf Stone x 33.0% Voids = 670.5 cf Stone Storage

Stone + Chamber Storage = 2,130.9 cf = 0.049 af

28 Chambers
129.3 cy Field
75.2 cy Stone



Pond SMS2: SMS2-330XLHD



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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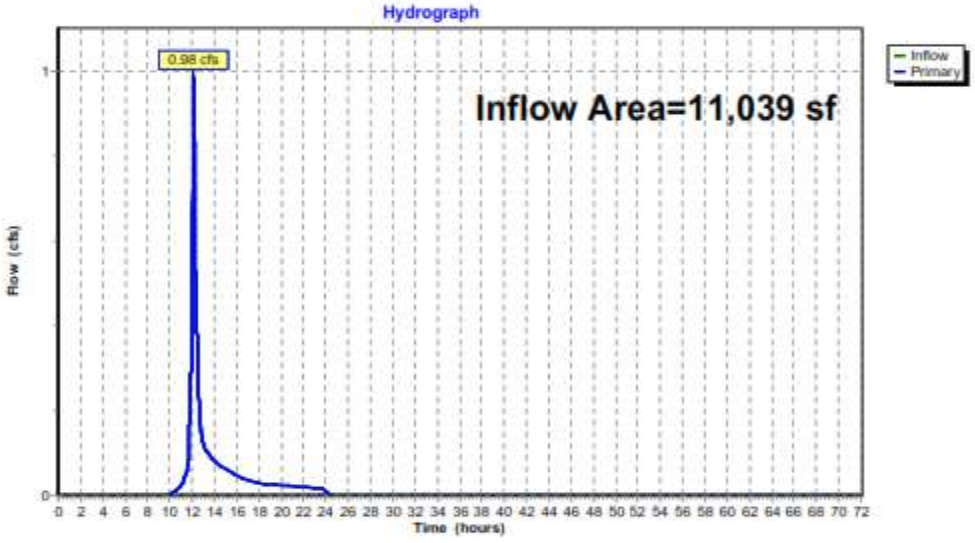
Summary for Link EXDP1: EXDP1

Inflow Area = 11,039 sf, 0.00% Impervious, Inflow Depth = 3.63" for 100 YEAR event
Inflow = 0.98 cfs @ 12.12 hrs, Volume= 3,342 cf
Primary = 0.98 cfs @ 12.12 hrs, Volume= 3,342 cf, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs

Link EXDP1: EXDP1



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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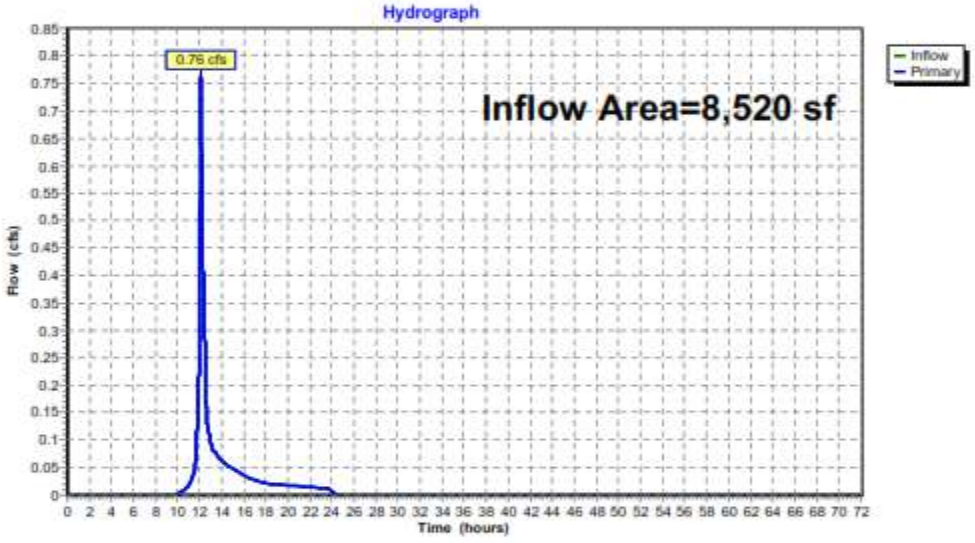
Summary for Link EXDP2: EXDP2

Inflow Area = 8,520 sf, 0.00% Impervious, Inflow Depth = 3.63" for 100 YEAR event
Inflow = 0.76 cfs @ 12.12 hrs, Volume= 2,580 cf
Primary = 0.76 cfs @ 12.12 hrs, Volume= 2,580 cf, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs

Link EXDP2: EXDP2



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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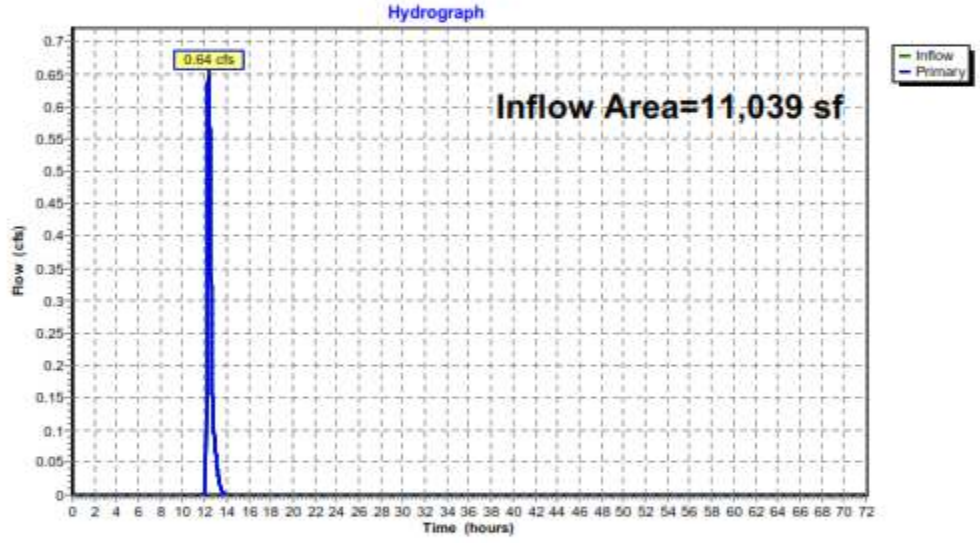
Summary for Link PRDP1: PRDP1

Inflow Area = 11,039 sf,100.00% Impervious, Inflow Depth = 1.13" for 100 YEAR event
Inflow = 0.64 cfs @ 12.34 hrs, Volume= 1,039 cf
Primary = 0.64 cfs @ 12.34 hrs, Volume= 1,039 cf, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs

Link PRDP1: PRDP1



SCHWARTZ 7 HEMLOCK HOLLOW PLACE *Type III 24-hr 100 YEAR Rainfall=9.20"*
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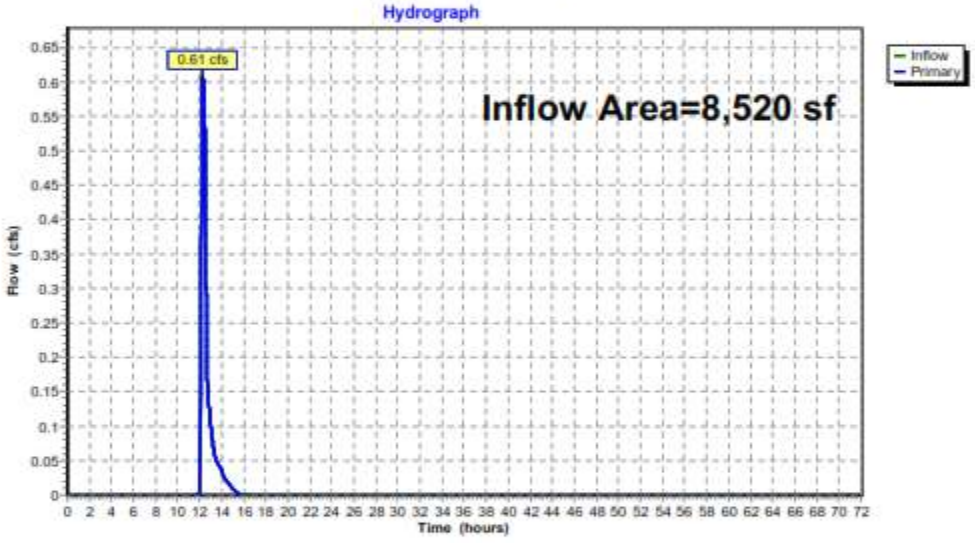
Summary for Link PRDP2: PRDP2

Inflow Area = 8,520 sf,100.00% Impervious, Inflow Depth = 1.83" for 100 YEAR event
Inflow = 0.61 cfs @ 12.31 hrs, Volume= 1,298 cf
Primary = 0.61 cfs @ 12.31 hrs, Volume= 1,298 cf, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.01 hrs

Link PRDP2: PRDP2



NOI for coverage under Stormwater General Permit for Construction Activity

version 1.37

(Submission #: HPW-YHJ9-CYD3D, version 1)

Details

Originally Started By	Ralph Alfonzetti
Alternate Identifier	Schwartz Residence
Submission ID	HPW-YHJ9-CYD3D
Submission Reason	New
Status	Draft

Form Input

Owner/Operator Information

Owner/Operator Name (Company/Private Owner/Municipality/Agency/Institution, etc.)
Scott Schwartz

Owner/Operator Contact Person Last Name (NOT CONSULTANT)
Schwartz

Owner/Operator Contact Person First Name
Scott

Owner/Operator Mailing Address
44 Bedford Road

City
Armonk

State
New York

Zip
10504

Phone
9142735700

Email
tomdio@djdmgmt.com

Federal Tax ID
n/a

If the owner/operator is an organization, provide the Federal Tax ID number, or Employer Identification Number (EIN), in the format xx-xxxxxxx. If the owner/operator is an individual and not an organization, enter "Not Applicable" or "N/A" and do not provide the individual's social security number.

Project Location

Project/Site Name
Schwartz Residence

Street Address (Not P.O. Box)
7 Hemlock Hollow Place

Side of Street
West

City/Town/Village (THAT ISSUES BUILDING PERMIT)
North Castle

State
NY

Zip
10504

DEC Region
3

The DEC Region must be provided. Please use the NYSDEC Stormwater Interactive Map (https://gisservices.dec.ny.gov/gis/stormwater/) to confirm which DEC Region this site is located in. To view the DEC Regions, click on "Other Useful Reference Layers" on the left side of the map, then click on "DEC Administrative Boundary." Zoom out as needed to see the Region boundaries.

For projects that span multiple Regions, please select a primary Region and then provide the additional Regions as a note in Question 39.

County
WESTCHESTER

Name of Nearest Cross Street
Hemlock Rise

Distance to Nearest Cross Street (Feet)
815

Project In Relation to Cross Street
West

Tax Map Numbers Section-Block-Parcel
94.04-2-29.3

Tax Map Numbers
NONE PROVIDED

If the project does not have tax map numbers (e.g. linear projects), enter “Not Applicable” or "N/A".

1. Coordinates

Provide the Geographic Coordinates for the project site. The two methods are:
- Navigate to the project location on the map (below) and click to place a marker and obtain the XY coordinates.
- The "Find Me" button will provide the lat/long for the person filling out this form. Then pan the map to the correct location and click the map to place a marker and obtain the XY coordinates.

Navigate to your location and click on the map to get the X,Y coordinates
41.15930793149449,-73.67727995672645

Project Details

2. What is the nature of this project?
New Construction

For the purposes of this eNOI, “New Construction” refers to any project that does not involve the disturbance of existing impervious area (i.e. 0 acres). If existing impervious area will be disturbed on the project site, it is considered redevelopment with either increase in impervious area or no increase in impervious area.

3. Select the predominant land use for both pre and post development conditions.

Pre-Development Existing Landuse
Forest

Post-Development Future Land Use
Single Family Home

3a. If Single Family Subdivision was selected in question 3, enter the number of subdivision lots.
NONE PROVIDED

---

4. In accordance with the larger common plan of development or sale, enter the total project site acreage, the acreage to be disturbed and the future impervious area (acreage)within the disturbed area.

*** ROUND TO THE NEAREST TENTH OF AN ACRE. ***

Total Site Area (acres)
4.5

Total Area to be Disturbed (acres)
1.9

Existing Impervious Area to be Disturbed (acres)
0.0

Future Impervious Area Within Disturbed Area (acres)
16026.0

5. Do you plan to disturb more than 5 acres of soil at any one time?
No

---

6. Indicate the percentage (%) of each Hydrologic Soil Group(HSG) at the site.

A (%)
0

B (%)
94.7

C (%)
0

D (%)
5.3

7. Is this a phased project?
No

8. Enter the planned start and end dates of the disturbance activities.

Start Date
10/01/2023

End Date
10/01/2024

9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.
Cobamong Pond

Drainage ditches and storm sewer systems are not considered surface waterbodies. Please identify the surface waterbody that they discharge to. If the nearest surface waterbody is unnamed, provide a description of the waterbody, such as, "Unnamed tributary to Niagara River."

9a. Type of waterbody identified in question 9?
Lake Off Site

Other Waterbody Type Off Site Description
NONE PROVIDED

9b. If "wetland" was selected in 9A, how was the wetland identified?
NONE PROVIDED

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-20-001?
No

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-20-001?
No

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters?
Yes

Please use the DEC Stormwater Interactive Map (https://gisservices.dec.ny.gov/gis/stormwater/) to confirm if this site is located in one of the watersheds of an AA or AA-S classified water. To view the watershed areas, click on "Permit Related Layers" on the left side of the map, then click on "Class AA AAS Watersheds."

If No, skip question 13.

13. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as D (provided the map unit name is inclusive of slopes greater than 25%), E or F on the USDA Soil Survey?
Yes

If Yes, what is the acreage to be disturbed?
0.2

14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area?
No

15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)?
No

16. What is the name of the municipality/entity that owns the separate storm sewer system?
N/A

17. Does any runoff from the site enter a sewer classified as a Combined Sewer?
No

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law?
No

19. Is this property owned by a state authority, state agency, federal government or local government?
No

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.)
No

Required SWPPP Components

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)?
Yes

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)?
No

If you answered No in question 22, skip question 23 and the Post-construction Criteria and Post-construction SMP Identification sections.

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual?
NONE PROVIDED

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:
Professional Engineer (P.E.)

SWPPP Preparer
Ralph Alfonzetti P.E.

Contact Name (Last, First)
Alfonzetti Ralph

Mailing Address
14 Smith Avenue

City
Mount Kisco

State
New York

Zip
10549

Phone
9146669800

Email
Info@AlfonzettiEng.com

Download SWPPP Preparer Certification Form
Please take the following steps to prepare and upload your preparer certification form:

1) Click on the link below to download a blank certification form
2) The certified SWPPP preparer should sign this form
3) Scan the signed form
4) Upload the scanned document
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SCHWARTZ - 7 HEMLOCK HOLLOW - SWPPP PREPARER CERTIFICATION FORM PRINTED 2023-09-29.pdf - 09/29/2023 09:00 AM
Comment
NONE PROVIDED

Erosion & Sediment Control Criteria

25. Has a construction sequence schedule for the planned management practices been prepared?
Yes

26. Select all of the erosion and sediment control practices that will be employed on the project site:

Temporary Structural
Silt Fence
Stabilized Construction Entrance

Biotechnical
None

Vegetative Measures
Seeding
Sodding
Protecting Vegetation
Dune Stabilization

Permanent Structural
Rock Outlet Protection

Other
NONE PROVIDED

Post-Construction Criteria

*** IMPORTANT: Completion of Questions 27-39 is not required if response to Question 22 is No.**

27. Identify all site planning practices that were used to prepare the final site plan/layout for the project.
NONE PROVIDED

27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6("Soil Restoration") of the Design Manual (2010 version).
NONE PROVIDED

28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout). (Acre-feet)
NONE PROVIDED

29. Post-construction SMP Identification
Use the Post-construction SMP Identification section to identify the RR techniques (Area Reduction), RR techniques(Volume Reduction) and Standard SMPs with RRv Capacity that were used to reduce the Total WQv Required (#28).

Identify the SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

Note: Redevelopment projects shall use the Post-Construction SMP Identification section to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs.

30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29. (acre-feet)
NONE PROVIDED

31. Is the Total RRv provided (#30) greater than or equal to the total WQv required (#28)?
NONE PROVIDED

If Yes, go to question 36. If No, go to question 32.

32. Provide the Minimum RRv required based on HSG. [Minimum RRv Required = (P) (0.95) (Ai) / 12, Ai=(s) (Aic)] (acre-feet)
NONE PROVIDED

32a. Is the Total RRv provided (#30) greater than or equal to the Minimum RRv Required (#32)?
NONE PROVIDED

If Yes, go to question 33.
Note: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQv required (#28) must also be included in the SWPPP.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

33. SMPs
Use the Post-construction SMP Identification section to identify the Standard SMPs and, if applicable, the Alternative SMPs to be used to treat the remaining total WQv (=Total WQv Required in #28 - Total RRv Provided in #30).

Also, provide the total impervious area that contributes runoff to each practice selected.

NOTE: Use the Post-construction SMP Identification section to identify the SMPs used on Redevelopment projects.

33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question #29. (acre-feet)
NONE PROVIDED

Note: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - provided by the practice. (See Table 3.5 in Design Manual)

34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a).
NONE PROVIDED

35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)?
NONE PROVIDED

If Yes, go to question 36.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

36. Provide the total Channel Protection Storage Volume (CPv required and provided or select waiver (#36a), if applicable.

CPv Required (acre-feet)
NONE PROVIDED

CPv Provided (acre-feet)
NONE PROVIDED

36a. The need to provide channel protection has been waived because:
NONE PROVIDED

37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (#37a), if applicable.

Overbank Flood Control Criteria (Qp)

Pre-Development (CFS)
NONE PROVIDED

Post-Development (CFS)
NONE PROVIDED

Total Extreme Flood Control Criteria (Qf)

Pre-Development (CFS)
NONE PROVIDED

Post-Development (CFS)
NONE PROVIDED

37a. The need to meet the Qp and Qf criteria has been waived because:
NONE PROVIDED

38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed?
NONE PROVIDED

If Yes, Identify the entity responsible for the long term Operation and Maintenance
NONE PROVIDED

39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). (See question #32a) This space can also be used for other pertinent project information.
NONE PROVIDED

Post-Construction SMP Identification

Runoff Reduction (RR) Techniques, Standard Stormwater Management Practices (SMPs) and Alternative SMPs
Identify the Post-construction SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

RR Techniques (Area Reduction)

Round to the nearest tenth

Total Contributing Acres for Conservation of Natural Area (RR-1)
NONE PROVIDED

Total Contributing Impervious Acres for Conservation of Natural Area (RR-1)
NONE PROVIDED

Total Contributing Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)
NONE PROVIDED

Total Contributing Impervious Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)
NONE PROVIDED

Total Contributing Acres for Tree Planting/Tree Pit (RR-3)
NONE PROVIDED

Total Contributing Impervious Acres for Tree Planting/Tree Pit (RR-3)
NONE PROVIDED

Total Contributing Acres for Disconnection of Rooftop Runoff (RR-4)
NONE PROVIDED

RR Techniques (Volume Reduction)

Total Contributing Impervious Acres for Disconnection of Rooftop Runoff (RR-4)
NONE PROVIDED

Total Contributing Impervious Acres for Vegetated Swale (RR-5)
NONE PROVIDED

Total Contributing Impervious Acres for Rain Garden (RR-6)
NONE PROVIDED

Total Contributing Impervious Acres for Stormwater Planter (RR-7)
NONE PROVIDED

Total Contributing Impervious Acres for Rain Barrel/Cistern (RR-8)
NONE PROVIDED

Total Contributing Impervious Acres for Porous Pavement (RR-9)
NONE PROVIDED

Total Contributing Impervious Acres for Green Roof (RR-10)
NONE PROVIDED

Standard SMPs with RRv Capacity

Total Contributing Impervious Acres for Infiltration Trench (I-1)
NONE PROVIDED

Total Contributing Impervious Acres for Infiltration Basin (I-2)
NONE PROVIDED

Total Contributing Impervious Acres for Dry Well (I-3)
NONE PROVIDED

Total Contributing Impervious Acres for Underground Infiltration System (I-4)
NONE PROVIDED

Total Contributing Impervious Acres for Bioretention (F-5)
NONE PROVIDED

Total Contributing Impervious Acres for Dry Swale (O-1)
NONE PROVIDED

Standard SMPs

Total Contributing Impervious Acres for Micropool Extended Detention (P-1)
NONE PROVIDED

Total Contributing Impervious Acres for Wet Pond (P-2)
NONE PROVIDED

Total Contributing Impervious Acres for Wet Extended Detention (P-3)
NONE PROVIDED

Total Contributing Impervious Acres for Multiple Pond System (P-4)
NONE PROVIDED

Total Contributing Impervious Acres for Pocket Pond (P-5)
NONE PROVIDED

Total Contributing Impervious Acres for Surface Sand Filter (F-1)
NONE PROVIDED

Total Contributing Impervious Acres for Underground Sand Filter (F-2)
NONE PROVIDED

Total Contributing Impervious Acres for Perimeter Sand Filter (F-3)
NONE PROVIDED

Total Contributing Impervious Acres for Organic Filter (F-4)
NONE PROVIDED

Total Contributing Impervious Acres for Shallow Wetland (W-1)
NONE PROVIDED

Total Contributing Impervious Acres for Extended Detention Wetland (W-2)
NONE PROVIDED

Total Contributing Impervious Acres for Pond/Wetland System (W-3)
NONE PROVIDED

Total Contributing Impervious Acres for Pocket Wetland (W-4)
NONE PROVIDED

Total Contributing Impervious Acres for Wet Swale (O-2)
NONE PROVIDED

Alternative SMPs (DO NOT INCLUDE PRACTICES BEING USED FOR PRETREATMENT ONLY)

Total Contributing Impervious Area for Hydrodynamic
NONE PROVIDED

Total Contributing Impervious Area for Wet Vault
NONE PROVIDED

Total Contributing Impervious Area for Media Filter
NONE PROVIDED

"Other" Alternative SMP?
NONE PROVIDED

Total Contributing Impervious Area for "Other"
NONE PROVIDED

Provide the name and manufaturer of the alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.

Note: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv provided for the project.

Manufacturer of Alternative SMP
NONE PROVIDED

Name of Alternative SMP
NONE PROVIDED

Other Permits

40. Identify other DEC permits, existing and new, that are required for this project/facility.
None

If SPDES Multi-Sector GP, then give permit ID
NONE PROVIDED

If Other, then identify
NONE PROVIDED

41. Does this project require a US Army Corps of Engineers Wetland Permit?
No

If "Yes," then indicate Size of Impact, in acres, to the nearest tenth
NONE PROVIDED

42. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned.
NONE PROVIDED

MS4 SWPPP Acceptance

43. Is this project subject to the requirements of a regulated, traditional land use control MS4?
Yes - Please attach the MS4 Acceptance form below

If No, skip question 44

44. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI?
Yes

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Download form from the link below. Complete, sign, and upload.
MS4 SWPPP Acceptance Form

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Comment
NONE PROVIDED

Owner/Operator Certification

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Download the certification form by clicking the link below. Complete, sign, scan, and upload the form.
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Comment
NONE PROVIDED

Attachments

Date	Attachment Name	Context	User
9/29/2023 9:00 AM	SCHWARTZ - 7 HEMLOCK HOLLOW - SWPPP PREPARER CERTIFICATION FORM PRINTED 2023-09-29.pdf	Attachment	Ralph Alfonzetti
9/29/2023 8:58 AM	SCHWARTZ - 7 HEMLOCK HOLLOW - OWNER CERTIFICATION FORM SIGNED PRINTED 2023-09-29.pdf	Attachment	Ralph Alfonzetti
9/27/2023 1:25 PM	SCHWARTZ - 7 HEMLOCK HOLLOW - MS4.pdf	Attachment	Ralph Alfonzetti