

# 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: 49 Sarles St Armonk NY 10504

Section III- DESCRIPTION OF WORK:

Proposed 800 sf 20' x 40' in-ground concrete pool at rear of existing single-family dwelling concrete spa 64 SF.Deck area 2000 SF

#### Section III- CONTACT INFORMATION:

APPLICANT: John Scavelli, PE						
ADDRESS: 361 Route 202, Suite 7, Somers NY 1	10589					
- 914-330-7712 MOBILE:	<sub>EMAIL:</sub> john@resreal.com					
PROPERTY OWNER: Craig Rosenman						
ADDRESS: 49 Sarles St Armonk NY 10504						
PHONE: 917-681-0246 MOBILE:	EMAIL: crosenman@gmail.com					
PROFESSIONAL:: John Scavelli, PE						
ADDRESS: 361 Route 202, Suite 7, Somers NY	IY 10589					
PHONE: 914-330-7712 MOBILE:						
EMAIL: john@resreal.com						
Section IV- PROPERTY INFORMATION:						
Zone: R-2A Tax ID (lot designation)	n) 94.03-1-7					



#### **TOWN OF NORTH CASTLE**

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

PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning

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

# GROSS LAND COVERAGE CALCULATIONS WORKSHEET

Appli	cation Name or Identifying Title:	49 Sarles Street Armonk	Date: 8/12/2021
Tax N	Iap Designation or Proposed Lot No.:	94.03-1-7	
Gross	Lot Coverage		
1.	Total lot Area (Net Lot Area for Lot	s Created After 12/13/06):	282,726
2.	Maximum permitted gross land cov	erage (per Section 213-22.2C):	27,938
3.	BONUS maximum gross land cover	(per Section 213-22.2C):	
	Distance principal home is beyond n $59.2 \times 10 =$	ninimum front yard setback	592
4.	TOTAL Maximum Permitted gros	s land coverage = Sum of lines 2 and 3	28,530
5.	Amount of lot area covered by <b>princ</b> 5,723 existing + 0	<b>ipal building:</b> proposed =	5,723
6.	Amount of lot area covered by access 0 existing +	sory buildings: proposed =	0
7.	Amount of lot area covered by <b>decks</b> 0 existing + 0 1	: proposed =	0
8.	Amount of lot area covered by <b>porch</b> <u>0</u> existing + <u>0</u>	es: proposed =	0
9.	Amount of lot area covered by <b>drivey</b> <u>8,106</u> existing + <u>0</u> p	vay, parking areas and walkways: proposed =	8,106
10.	Amount of lot area covered by terrac $1,705$ existing + 3,677 p	es: roposed =	5,382
11.	Amount of lot area covered by tennis 40 existing + 1,356 p	court, pool and mechanical equip: roposed =	1,396
12.	Amount of lot area covered by <b>all oth</b> 660 existing + 0 pr	er structures: roposed =	660
13.	Proposed gross land coverage: Total	of Lines $5 - 12 = \sum_{k=1}^{k} \sum_{j=1}^{k} OF NEW L_{j}$	21,267
If Line 1 the proje does not	3 is less than or equal to Line 4, your p eet may proceed to the Residential Proje comply with the Town's regulations.	proposal complies with the Town's maximum gr ect Review Committee for review. If Line 13 is	~ N

Signature and Seal of Professional Preparing Worksheet

R021 POFESSIO



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: Craig Rosenman								
Initial Submittal Revised Preliminary								
Street Location: 49 Sarles St Armonk 10504								
Zoning District: R2A Property Acreage: 6.5 Tax Map Parcel ID: 94.03-1-7 Date: 49 Sarles St Armonk 10504								
DEPARTMENTAL USE ONLY								
Date Filed: Staff Name:								
Preliminary Plan Completeness Review Checklist tems marked with a are complete, items left blank are incomplete and must be ompleted, "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								
<ol> <li>Existing topography and proposed grade elevations</li> </ol>								
7. Location of drives								
B. Location of all existing and proposed site improvements, including drains, culverts, retaining walls and fences								

# RPRC COMPLETENESS REVIEW FORM Page 2

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Ľ. <sup>p</sup> .	Description of method of water supply and sewage disposal and location of such facilities
<u>1</u> 0.	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
1.	Submission of a Zoning Conformance Table depicting the plan's compliance with the minimum requirements of the Zoning District
	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. If a wetlands permit is being sought, identification of the wetland and the 100-foot wetland buffer.
	buller.

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: <u>http://www.northcastleny.com/townhall.html</u>

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

CRAIG ROSENMAN 49 SARLES ST ARMONK, NY 10504-1230 PAY TO THE ORDER OF TOMONTO OF NORTH ARMONK, NY 10504-1230 PAY TO THE ORDER OF TOMONTO OF NORTH ARMONK, NY 10504-1230 PAY TO THE ORDER OF TOMONTO OF NORTH ARMONK, NY 10504-1230 ARMONK, NY 10504 ARMONK, NY 10504-1230 ARMONK, NY 10504 ARMONK, NY 1050	7207 DATE 8/24/24 1-2/210 Castle \$ 3698 %,00 Ind & Minty eight - DOTTARS A MERCE B399578011 7207
CRAIG ROSENMAN 49 SARLES ST ARMONK, NY 10504-1230	7208
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CHASE JPMorgan Chase Bank, N.A. www.Chase.com MEMO R. P.R.C. Filmy for	DOLLARS DE Security Features Debition Box
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#### **OVERVIEW OF WORK:**

- 1. NEW BELOW GROUND POOL AND SURROUNDING POOL PATIO
- **BUILDING CODE AND REFERENCE STANDARDS:**

THE 2020 RESIDENTIAL CODE OF NEW YORK STATE, AS ADOPTED AND MODIFIED BY THE LOCAL JURISDICTION SHALL GOVERN THE DESIGN AND CONSTRUCTION OF THIS PROJECT. REFERENCE TO A SPECIFIC SECTION IN THE CODE DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE ENTIRE MATERIALS REFERENCE STANDARDS. THE LATEST EDITION OF THE MATERIALS REFERENCE STANDARDS SHALL BE USED. EXISTING BUILDING SHALL COMPLY WITH [NY] APPENDIX J FOR EXISTING BUILDINGS AND STRUCTURES.

**GENERAL NOTES:** 

- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AT THE BUILDING SITE BEFORE COMMENCEMENT OF WORK
- 2. ALL DIMENSIONS ARE TO ROUGH FRAMING
- CONTRACTOR SHALL RECEIVE, STORE AND PROTECT ALL MATERIALS DELIVERED TO THIS SITE FROM WEATHER AND DAMAGE
- 4. CONTRACTOR SHALL INSTALL ALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- 5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE CLEAN UP ON A DAILY BASIS.
- THE CONTRACTOR SHALL MAINTAIN A SET OF APPROVED PLANS 10. ELECTRICAL INSPECTION SHALL APPROVE GROUNDING OF AT THE CONSTRUCTION SITE IN A SAFE PLACE FOR REVIEW BY THE MUNICIPALITY BUILDING INSPECTOR DURING CONSTRUCTION.
- 7. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE PLANS 11. THE NOISE LEVEL FROM THE POOL EQUIPMENT LOCATED AND SPECIFICATIONS.
- CONTRACTOR SHALL NOT SCALE DRAWINGS. DO NOT SCALE DRAWINGS. USE GIVEN DIMENSIONS. CHECK 9. DETAILS FOR APPROPRIATE LOCATION OF ALL ITEMS NOT
- DIMENSIONED. 10. ALL CONSTRUCTIONS IS SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTION WITH BUILDING OFFICIAL AND DOCUMENT FOR REVIEW AN INSPECTION REPORT.
- 11. DISCREPANCIES FOUND BY THE CONTRACTOR BETWEEN FIELD CONDITIONS, NOTES, CONTRACT DRAWINGS, SPECIFICATIONS, AND/OR REFERENCE STANDARDS, THE ENGINEER SHALL DETERMINE WHICH SHALL GOVERN. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

SYMBOL	DESCRIPTION
<b>—-</b>	PROPERTY BOUNDARY
	SETBACK
	FENCING
<b></b>	SILT FENCING
	EXISTING GRADE
	PROPOSED GRADE
->-	DRAIN PIPE
	GRAVEL
	TRENCH DRAIN
	PATIO
	POOL WATER
	COPING
ELEV. +252.0	ELEVATION MARKER

CLASS OF MATERIALS	VERTICAL PRESSURE	LATERAL PRESSURE	COEFFICIENT OF FRICTION	COHESION
4. SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, & CLAYEY GRAVEL (SW, SP, SM, SC, GM, & GC)	2,000 PSF	150 PSF/FT BELOW GRADE	0.25	130 PSF

#### **GENERAL NOTES**

- 1. ALL CONSTRUCTION SHALL COMPLY WITH LOCAL AND STA ORDINANCES.
- 2. POOLS WITH DIVING BOARDS SHALL MEET DIVING BOARD MANUFACTURER'S POOL GEOMETRIC STANDARDS AND/OF
- 3. SIGNS & SAFETY EQUIPMENT SHALL BE INSTALLED IN ACC LOCAL CODES.
- 4. CONTRACTOR OR OWNER SHALL VERIFY ALL FIELD CONDI DIMENSIONS AT JOB SITE.
- 5. POOL LENGTH, GRADE BREAK LOCATIONS & DEPTH DIME ON THE PLOT PLAN SHALL COMPLY WITH APSP SUGGESTEI STANDARDS FOR RESIDENTIAL POOLS OR APPLICABLE STA HEALTH DEPARTMENTS REGULATIONS AND MANUFACTUR **RECOMMENDATIONS.**
- A SITE SPECIFIC SOILS INVESTIGATION MAY BE REQUIRED AUTHORITIES HAVING JURISDICTION
- 7. WHERE FREEZING TEMPERATURES OCCUR, THE POOL SHA WINTERIZED TO PREVENT DAMAGE TO THE POOL STRUCT AND POOL EQUIPMENT, CONTACT LOCAL PROFESSIONAL WINTERIZATION PROCEDURES.
- NO GROUND WATER SHALL BE ABOVE ANY PORTION OF T CONSTRUCTION.

9. ALL SURFACE WATER SHALL DRAIN AWAY FROM THE POOL

PLUMBING AND CONDUIT PRIOR TO THE APPROVAL OF RE FOR POURING OF CONCRETE OR GUNITE.

FEET FROM A PROPERTY LINE OF AN ADJOINING PROPERT EXCEED AMBIENT NOISE LEVEL BY MORE THAN FIVE DEC

12. CONTINUOUS INSPECTION IS REQUIRED FOR SHOTCRETE/

#### **POOL FOUNDATION NOTES:**

- 1. ALL FOUNDATIONS, FOOTINGS AND SLABS SHALL BEAR OF NON-ORGANIC MATERIALS, COMPACTED STRUCTURAL FIL STONE.
- 2. THE GENERAL CONTRACTOR SHALL CONFORM TO THE RE OSHAA REGARDING OPEN HOLES, SLOPE STABILITY AND PROCEDURES.
- . BACKFILLING OF FOUNDATIONS SHALL NOT EXCEED MOI UNBALANCED BACK FILL CONDITIONS WITHOUT TEMPOR FOUNDATIONS WALLS, UNLESS FLOOR SYSTEM HAS BEEN
- 4. WHEREVER BEDROCK IS ENCOUNTERED THE ROCK SHAL 2'-0" BELOW BOTTOM OF FOOTINGS OR 1;-0" BELOW BOTTO RESTORED IN 8" LIFTS OF COMPACTED CRUSHED STONE.
- 5. A GEOTECHNICAL EXPLORATION AND TESTING HAS NOT IT IS RESPONSIBILITY OF OWNER OR CONTRACTOR TO UN ADDITIONAL TEST PITS, BORINGS OR INVESTIGATION AS I ASSURE MINIMUM BEARING CAPACITY.

#### **ENTRAPMENT PROTECTION REQUIREMENTS**

- 1. SUCTION OUTLETS MUST BE DESIGNED TO PRODUCE CI THROUGHOUT THE POOL OR SPA.
- 2. SINGLE OUTLET SYSTEMS, SUCH AS AUTOMATIC VACUUM OR OTHER SUCH MULTIPLE SUCTION OUTLETS WHETHE VALVES OR OTHERWISE MUST BE PROTECTED AGAINST
- 3. ALL POOL AND SPA SUCTION OUTLETS (EXCEPT SURFAC PROVIDED WITH:
- O A COVER THAT CONFORMS WITH REFERENCE STANDA A112.19.8M, ENTITLED SUCTION FITTINGS FOR THE USE WADING POOLS, SPAS, HOT TUBS, AND WHIRLPOOL BA' OR
- O A DRAIN GATE THAT IS 12" x 12" OR LARGER, OR
- O A CHANNEL DRAIN SYSTEM APPROVED BY THE LOCAL OFFICIAL.
- 4. ALL POOL AND SPA SINGLE OR MULTIPLE OUTLET CIRCU MUST BE EQUIPPED WITH ATMOSPHERIC VACUUM RELII COVERS LOCATED THEREIN BECOME MISSING OR BROK RELIEF SYSTEMS SHALL INCLUDE AT LEAST ONE OF THE
- O SAFETY VACUUM RELEASE SYSTEM CONFORMING TO F ASME A112.19.17, ENTITLED MANUFACTURERS SAFETY SYSTEMS (SVRS) FOR RESIDENTIAL AND COMMERCIAL HOT TUB AND WADING POOL, OR
- O A GRAVITY DRAINAGE SYSTEM APPROVED BY THE LOO ENFORCEMENT OFFICIAL.
- 5. SINGLE OR MULTIPLE PUMP CIRCULATION SYSTEMS MUS A MINIMUM OF TWO (2) SUCTION OUTLETS OF THE APPR
- 6. THE SUCTION OUTLETS MUST BE SEPARATED BY A MINI VERTICAL DISTANCE OF THREE (3) FEET.
- 7. THESE SUCTION OUTLETS MUST BE PIPED SO THAT WAT THROUGH THEM SIMULTANEOUSLY THROUGH A VACUU RELIEF-PROTECTED LINE TO THE PUMP OR PUMPS.
- 8. IF THE POOL OR SPA IS EQUIPPED WITH VACUUM OR PRI FITTING(S), EACH FITTING MUST BE LOCATED:
- O IN AN ACCESSIBLE POSITION WHICH IS AT LEAST SIX (6 GREATER THAN TWELVE (12) INCHES BELOW THE MINI WATER LEVEL, OR
- O AS AN ATTACHMENT TO THE SKIMMER(S).

# **POOL PLANS : 49 SARLES STREET ARMONK, NY 10504**

	STRUCTURAL MOTES	TEMPORARY POOL ENG
TATE LAW AND	<ul> <li>STRUCTURAL NOTES</li> <li>SOIL SHALL HAVE A MINIMUM BEARING VALUE OF 2000 PSF, CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL OR BUILDING DEPARTMENT APPROVED 90% COMPACT FILL.</li> </ul>	1. DURING THE INST. POOL MUST BE EN A TEMPORARY FEN
OR LOCAL CODES.	THIS PLAN IS NOT SUITABLE WHERE POTENTIAL EXISTS FOR DIFFERENTIAL MOVEMENT FROM DISSIMILAR SOIL CONDITIONS UNDER POOL. SUCH AS CUT-FILL TRANSITIONS.	2. ALL PORTIONS OF
CORDANCE WITH DITIONS &	<ol> <li>ALL REINFORCING STEEL SHALL BE DEFORMED BARS &amp; CONFORM TO ASTM A615 GRADE 40 #4 BARS, SPLICES TO BE LAPPED A MINIMUM OF 24". MINIMUM CLEARANCE BETWEEN PARALLEL BARS IS 2-½".</li> </ol>	3. ALL COMPONENTS ACCESS TO THE SW
	<ol> <li>#4 BARS SHALL BE USED FOR THE BASIC GRID. THE MAXIMUM SPACING IS #4 BARS AT 18" O.C</li> </ol>	<ul><li>CONSTRUCTION PE</li><li>4. THE TEMPORARY E</li></ul>
IENSIONS AS NOTED ED MINIMUM TATE AND LOCAL URERS	<ol> <li>THE PLAN TABLES SPECIFY THE MINIMUM REQUIRED REINFORCEMENT. FOR CONVENIENCE OF THE INSTALLER, THERE MAY BE MORE REINFORCEMENT THAN SPECIFIED AT ANY GIVEN POINT IN THE POOL STRUCTURE.</li> </ol>	INSTALLATION OR INSTALLATION OR THE TEMPORARY F PERMANENT ENCI
D BY LOCAL	<ol> <li>GROUNDING/BONDING (PER THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE) OF THE STRUCTURAL REINFORCING MUST BE INSTALLED PRIOR TO PLACEMENT OF CONCRETE.</li> </ol>	REGULATIONS APP APPLICABLE TO SW THE SWIMMING PC
IALL BE CTURE, PLUMBING, L FOR PROPER	<ol> <li>SHOTCRETE (GUNITE) or CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. WHERE APPLICABLE, SHOTCRETE (GUNITE) TO BE IN CONFORMANCE WITH IBC SECTION 1904 DURABILITY REQUIREMENTS. CONCRETE THAT WILL BE EXPOSED</li> </ol>	5. THE PERMANENT I OF ISSUANCE OF T THE SWIMMING PC
THE POOL	TO FREEZING AND THAWING, DEICING CHEMICALS OR OTHER CONCRETE THAT WILL BE SUBJECT TO THE FOLLOWING EXPOSURES SHALL CONFORM TO THE CORRESPONDING MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIOS AND MINIMUM SPECIFIED	CONSTRUCTION OF
OL.	CONCRETE COMPRESSIVE STRENGTH REQUIREMENTS OF ACI 318; CONCRETE INTENDED TO HAVE LOW PERMEABILITY WHERE EXPOSED TO WATER, CONCRETE EXPOSED TO	1. PRIOR TO FILLING, HIGH FENCING & G
OF REINFORCING, REINFORCING STEEL	FREEZING AND THAWING IN A MOIST CONDITION OR DEICER CHEMICALS, OR CONCRETE WITH REINFORCEMENT WHERE THE CONCRETE IS EXPOSED TO CHLORIDES FROM DEICING CHEMICALS, SALT, SALT WATER, BRACKISH WATER, SEAWATER OR SPRAY FROM THESE SOURCES. CEMENT SHALL CONFORM TO ACI 318 SECTION 3.2, ASTM C 150.	CLOSING & SELF-LA LOCAL CODES, THE SUCTION OUTLETS
ED LESS THAN 10 RTY, SHALL NOT ECIBELS.	7. SHOTCRETE/GUNITE IN CONTACT WITH SOIL SHALL BE IN ACCORDANCE WITH ACI 318 SECTION 4.3 FOR CONCRETE EXPOSURE TO SULFATE AND AS DIRECTED BY LOCAL	POOL OR SPA. SING OR OTHER SUCH M OTHERWISE SHALL
E/GUNITE POOLS.	<ul><li>BUILDING OFFICIAL.</li><li>8. KEEP CONCRETE DAMP CONTINUOUSLY FOR 14 DAYS.</li></ul>	SUCTION OUTLETS A112.19.8M, A 12-INC
	9. ALL INTERIOR SURFACES OF POOL/SPA SHALL BE COATED WITH A WATER-RESISTANT SURFACE.	DRAIN SYSTEM WI'I IN ADDI'I'ION, WHE
ON UNDISTURBED, TLL OR CRUSHED	10. FLOOR TO WALL TRANSITION RADIUS MAY VARY DEPENDING ON CONTRACTOR OR OWNER DESIGN INTENT. RADIUS SHALL NOT BE LESS THAN 1-FOOT AND SHALL NOT EXCEED 5-FEET.	MULTIPLE-OUTLET VACUUM RELIEF SH BROKEN. SUCH VAC ENGINEERED MET
REQUIREMENTS OF D EXCAVATION	11. IN AREAS WITH SOIL CONDITIONS SUBJECT TO FROST-HEAVE. THE FOLLOWING REQUIREMENTS APPLY:	RELEASE SYSTEMS DRAINAGE SYSTEM
ORE THAN 2'-0" DRARY SHORING OF	a. IN ACCORDANCE WITH BUILDING CODE REQUIRMENT, THE ENTIRE BOTTOM OF POOL STRUCTURE AND OR PLUMBING MUST EXTEND BELOW THE FROST LINE OF THE LOCALITY.	IN ADDITION, WHE SYSTEMS SHALL BE APPROVED TYPE. A
N FRAMED OR DECKED. ALL BE REMOVED TO TOM OF SLAB AND	b. ALTERNATIVELY, WHERE DAMAGE TO THE POOL STRUCTURES, PLUMBING, ADJACENT STRUCTURES AND SURFACE IMPROVEMENTS IS A CONCERN, SEF-DRAINING GRANULAR BACKFILL MAY BE EXTENDED BELOW THE FROST-LINE WITH A MEANS TO PRECLUDE	SEPARATE SUCH OU DRAWN THROUGH LINE TO THE PUMP
". "T BEEN UNDERTAKEN.	BUILD-UP OF WATER. POOL ALARM REQUIREMENTS:	IN ADDITION, WHE LOCATED IN AN AC INCHES BELOW TH
NDERTAKE ANY S NECESSARY TO	EVERY SWIMMING POOL THAT IS INSTALLED, CONSTRUCTED OR SUBSTANTIALLY MODIFIED AFTER DECEMBER 14, 2006 MUST BE EQUIPPED WITH AN APPROVED POOL ALARM WHICH:	THE SKIMMER(S).
	AFTER DECEMBER 14, 2000 MOST DE EQUITED WITH AN ATTROVED I OOL ALARM WITCH.	BARRIER REQUIREN AN OUTDOOR RESID
CIRCULATION	<ul> <li>IS CAPABLE OF DETECTING A CHILD ENTERING THE WATER AND GIVING AN AUDIBLE ALARM WHEN IT DETECTS A CHILD ENTERING THE WATER;</li> <li>IS AUDIBLE POOLSIDE AND AT ANOTHER LOCATION ON THE PREMISES WHERE THE</li> </ul>	COMPLETELY SURRO SWIMMING POOL. PR OF FENCING
UM CLEANER SYSTEMS, IER ISOLATED BY ST USER ENTRAPMENT.	SWIMMING POOL IS LOCATED;	BARRIERS PROVIDE SATISFY THE FOLLO
ACE SKIMMERS) MUST BE	• IS INSTALLED, USED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS;	THE BARRIER     OBSTRUCT AC
DARD ASME/ANSI	<ul> <li>IS CLASSIFIED TO REFERENCE STANDARD ASTM F2208, ENTITLED STANDARD SPECIFICATION FOR POOL ALARMS (EITHER THE VERSION ADOPTED IN 2002 AND</li> </ul>	• THE BARRIER
SE IN SWIMMING POOLS, BATHTUB APPLIANCES,	<ul> <li>EDITORIALLY CORRECTED IN JUNE 2005, OR THE VERSION ADOPTED IN 2007); AND</li> <li>IS NOT AN ALARM DEVICE WHICH IS LOCATED ON PERSON(S) OR WHICH IS DEPENDENT ON DEVICE(S) LOCATED ON PERSON(S) FOR ITS PROPER OPERATION.</li> </ul>	• THE SPACE BI EXCEED 2 INC
AL CODE ENFORCEMENT	ELECTRICAL AND PLUMBING	<b>DWELLING WALL AS BA</b> 1. WALLS OF DWELL
CULATION SYSTEMS	ALL ELECTRICAL SHALL BE IN CONFORMANCE WITH NEC. 1. IN ACCORDANCE WITH NEC REQUIRMENTS ALL METAL WITHIN 5' HORIZ. OF INSIDE WALL	R326.4.2.8 REQUIRE
LIEF SHOULD GRATE DKEN. SUCH VACUUM HE FOLLOWING:	OF POOL AND 12' VERT. ABOVE WATER LINE MUST BE BONDED VIA EQUIPOTENTIAL BONDING GRID. BONDING GRID SHALL EXTEND UNDER PAVED WALKING SURFACES 3' HORIZ. BEYOND INSIDE WALL OF POOL. CONCRETE REINFORCING TIE WIRES SHALL BE	<ol> <li>ANY DOOR &amp; WIN AUDIBLE ALARM I</li> <li>ACTIVATION TIMI</li> </ol>
) REFERENCE STANDARD Y VACUUM RELEASE	MADE TIGHT FOR BONDING PURPOSES.	4. ANY OPERABLE W LESS THAN 48 INC
L SWIMMING POOL, SPA,	<ol> <li>OBTAIN ELECTRICAL AND PLUMBING PERMITS ALONG WITH POOL BUILDING PERMIT.</li> <li>ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND</li> </ol>	5. OPENINGS IN OPE THROUGH\
OCAL CODE	<ul><li>IN ACCORDANCE WITH LOCAL REGULATIONS.</li><li>4. POOLS SHALL BE EQUIPPED WITH A FILTERING SYSTEM &amp; A DRAIN.</li></ul>	6. WHERE AN ALARM INCHES OR MORE
UST BE PROVIDED WITH PROVED TYPE. NIMUM HORIZONTAL OR	<ul><li>5. BACKWASH SHALL BE DISPOSED OF IN AN APPROVED MANNER.</li><li>6. POOL/SPA WATER HEATER AND GAS PIPING INSTALLATION TO BE IN CONFORMANCE</li></ul>	
ATER IS DRAWN	<ul><li>WIT'H ALL LOCAL CODE REQUIRMENTS.</li><li>7. WHERE REINFORCING STEEL IS ENCAPSULATED WITH A NONCONDUCTIVE COMPOUND,</li></ul>	<b>POOL HEATER NOTE</b> 1.A READILY ACC
UUM PRESSURE CLEANER	PROVISIONS SHALL BE MADE FOR AN ALTERNATIVE MEANS TO ELIMINATE VOLTAGE GRADIENTS THAT WOULD OTHERWISE BE PROVIDED BY BONDED REINFORCING STEEL. ENERGY STATEMENT:	HEATER SHALL 2. A TIME SWITCH HEATER AND P
(6) INCHES AND NOT NIMUM OPERATIONAL	I, JOHN M. SCAVELLI, CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THIS DRAWING PACKAGE IS PREPARED IN CONFORMANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE CODE REQUIREMENTS FOR THE CLIMATE ZONE AND	3. POOL COVER SI OF R-12.
INTRO IN OF ERATIONAL	BUILDING TYPE LISTED BELOW.	4. ENERGY CONSI SECTION N1103
	CLIMATE ZONE: ZONE (4) WESTCHESTER BUILDING TYPE: 1- FAMILY RESIDENTIAL	
A	L D E S	I

### TEMPORARY POOL ENCLOSURES:

INSTALLATION OR CONSTRUCTION OF A SWIMMING POOL, THE SWIMMING BE ENCLOSED BY A TEMPORARY ENCLOSURE. THE TEMPORARY MAY CONSIST OF RY FENCE, A PERMANENT FENCE. THE WALL OF A PERMANENT STRUCTURE, ANY CTURE, OR ANY COMBINATION OF THE FOREGOING, HOWEVER:

NS OF THE TEMPORARY ENCLOSURE MUST BE AT LEAST FOUR(4) FEET HIGH, AND NENTS OF THE TEMPORARY ENCLOSURE MUST BE SUFFICIENT TO PREVENT HE SWIMMING POOL BY ANY PERSON NOT ENGAGED IN THE INSTALLATION OR ION PROCESS AND TO PROVIDE FOR THE SAFETY OF ALL SUCH PERSONS.

ARY ENCLOSURE MUST REMAIN IN PLACE THROUGHOUT THE PERIOD OF ON OR CONSTRUCTION OF THE SWIMMING POOL, AND THEREAFTER UNTIL THE ON OR CONSTRUCTION OF A PERMANENT ENCLOSURE HAS BEEN COMPLETED. ARY ENCLOSURE MUST BE REPLACED BY A PERMANENT ENCLOSURE. THE ' ENCLOSURE MUST COMPLY WITH ALL APPLICABLE NEW YORK STATE CODES OR NS APPLICABLE TO SWIMMING POOL ENCLOSURES OR BY ANY LOCAL LAW TO SWIMMING POOL ENCLOSURES AND IN EFFECT IN THE LOCATION WHERE NG POOL HAS BEEN INSTALLED OR CONSTRUCTED.

NENT ENCLOSURE MUST BE COMPLETE WITHIN NINETY DAYS AFTER THE DATE E OF THE BUILDING PERMIT FOR THE INSTALLATION OR CONSTRUCTION OF NG POOL, OR THE DATE OF COMMENCEMENT OF THE INSTALLATION OR ION OF THE SWIMMING POOL, WHICHEVER IS LATER.

# ND SAFETY DEVICES

LING, THE POOL AND OR SPA SHALL BE COMPLETELY ENCLOSED BY 4' MIN. NG & GATES WITH NO OPENINGS GREATER THAN 4". GATES TO BE SELF-ELF-LATCHING WITH LATCH A MIN. OF 4' HIGH. WHERE THIS VARIES FROM S, THE LOCAL CODES SHALL PREVAIL.

FLETS SHALL BE DESIGNED TO PRODUCE CIRCULATION THROUGHOUT THE . SINGLE-OUTLET SYSTEMS. SUCH AS AUTOMATIC VACUUM CLEANER SYSTEMS, JCH MULTIPLE SUCTION OUTLETS WHETHER ISOLATED BY VALVES OR SHALL BE PROTECTED AGAINST USER ENTRAPMENT. ALL POOL AND SPA ILETS SHALL BE PROVIDED WITH A COVER THAT CONFORMS TO ASME 12-INCH BY 12-INCH DRAIN GRATE OR LARGER, OR AN APPROVED CHANNEL EM WITH THE EXCEPTION OF SURFACE SKIMMERS.

, WHEN REQUIRED BY CODE, ALL POOL AND SPA SINGLE- OR UTLET CIRCULATION SYSTEMS SHALL BE EQUIPPED WITH AN ATMOSPHERIC JEF SHOULD GRATE COVERS LOCATED THEREIN BECOME MISSING OR CH VACUUM RELIEF SYSTEMS SHALL INCLUDE AT LEAST ONE APPROVED OR METHOD OF THE TYPE SPECIFIED HEREIN, AS FOLLOWS: 1. SAFETY VACUUM TEMS CONFORMING TO ASME A112.19.17S; OR 2. APPROVED GRAVITY YSTEM.

, WHEN REQUIRED BY CODE, SINGLE- OR MULTIPLE-PUMP CIRCULATION LL BE PROVIDED WITH A MINIMUM OF TWO SUCTION OUTLETS OF THE YPE. A MINIMUM HORIZONTAL OR VERTICAL DISTANCE OF 3 FEET SHALL ICH OUTLETS. THESE SUCTION OUTLETS SHALL BE PIPED SO THAT WATER IS OUGH THEM SIMULTANEOUSLY THROUGH A VACUUM-RELIEF-PROTECTED PUMP OR PUMPS.

, WHERE PROVIDED, VACUUM OR PRESSURE CLEANER FITTINGS(S) SHALL BE AN ACCESSIBLE POSITION(S) AT LEAST 6 INCHES AND NOT GREATER THAN 12 OW THE MINIMUM OPERATIONAL WATER LEVEL OR AS AN ATTACHMENT TO

# **UIREMENTS: OUTDOOR RESIDENTIAL SWIMMING POOLS**

RESIDENTIAL SWIMMING POOL MUST BE PROVIDED WITH A BARRIER WHICH SURROUNDS THE SWIMMING POOL AND OBSTRUCTS ACCESS TO THE OL. PROPOSED BARRIER FOR THIS POOL INSTALLATION SHALL BE BY MEANS

#### **DVIDED FOR OUTDOOR RESIDENTIAL SWIMMING POOLS MUST** FOLLOWING REQUIREMENTS:

RRIER MUST COMPLETELY SURROUND THE SWIMMING POOL AND MUST UCT ACCESS TO THE SWIMMING POOL.

RRIER MUST BE AR LEAST 4 FEET (48 INCHES) HIGH.

ACE BETWEEN THE BOTTOM OF THE BARRIER AND THE GROUND CANNOT D 2 INCHES.

#### AS BARRIER

WELLING THAT SERVE AS PART OF BARRIER SHALL COMPLY WITH RCNYS QUIREMENTS.

& WINDOW WITH DIRECT ACCESS TO POOL SHALL BE EQUIPED WITH LARM IN ACCORDANCE WITH UL 2017

N TIMING SHALL BE IN COMPLIANCE WITH R326.4.2.6 A

BLE WINDOWS IN THE WALL SHALL HAVE LATCHING DEVICE LOCATED NO 48 INCHES ABOVE FLOOR.

IN OPERABLE WINDOWS SHALL NOT ALLOW A 4 INCH DIA. SPHERE TO PASS

ALARM IS PROVIDE THE DEACTIVATION SWITCH SHALL BE LOCATED 54 MORE ABOVE THE THRESHOLD OF THE DOOR.

#### **NOTES:**

Y ACCESSIBLE ON-OFF SIWTH THAT IS AN INTEGRAL PART OF THE SHALL BE PROVIDED IN COMPLIANCE WITH 2020 RCNYS N1103.10.1

WITCH WITH PRE-SET SCHEDULE CONTROL SHALL BE INSTALLED FOR AND PUMP MOTORS.

VER SHALL BE PROVIDED FOR HEATED POOL WITH MINIMUM R-VALUE

CONSUMPTION OF POOLS SHALL BE IN ACCORDANCE WITH RCNYS N1103.10.1-3

G N S



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> 361 Route 202 - Suite #7 Somers, NY 10589

PROPERTY INFORMATION: PREPARED BY: JMS ENGINEERING SERVICES, PC PROIECT LOCATION: 49 SARLES STREET PROJECT TOWN: ARMONK BUILDING DEPARTMENT: NORTH CASTLE PROPERTY IDENTIFICATION: 94.03-1-7 OCCUPANCY: SINGLE FAMILY DWELLING ZONING CODE: R-2A

CHECKED: APPROVED: ISSUE: DATE: BY: JMS 0 08/18/2021 IMS JMS

SEAL & SIGNATURE:

> JOHN M. SCAVELLI PE LICENSE # 095178 IMS ENGINEERING SERVICES, PC

IT IS A VIOLATION OF STATE LAW FOR ANY PERSON UNLESS DIRECTED BY A REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER TO ALTER THIS ITEM IN ANY WAY

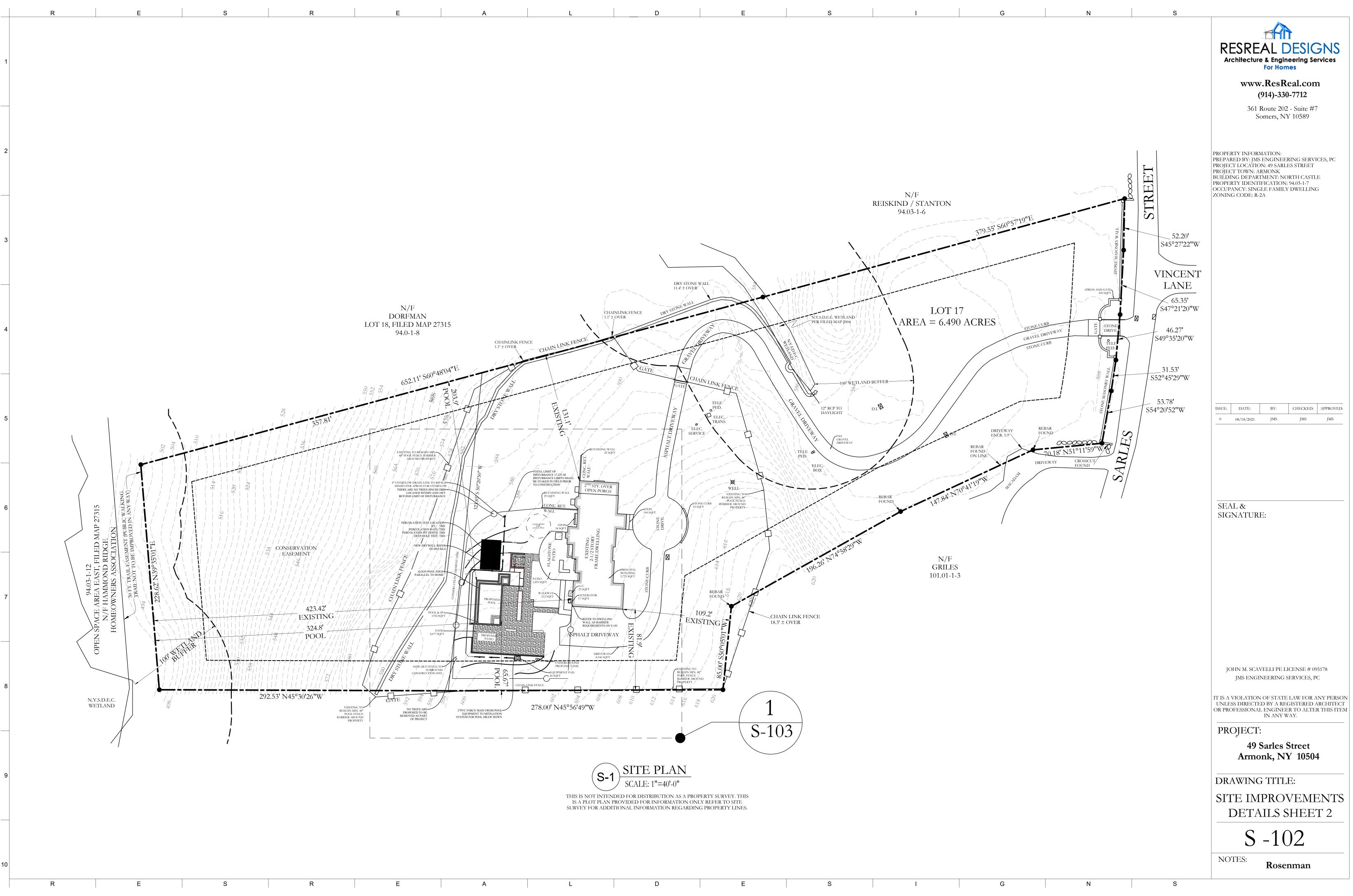
**PROJECT:** 

# **49 Sarles Street** Armonk, NY 10504

DRAWING TITLE: SITE IMPROVEMENTS POOL PLANS

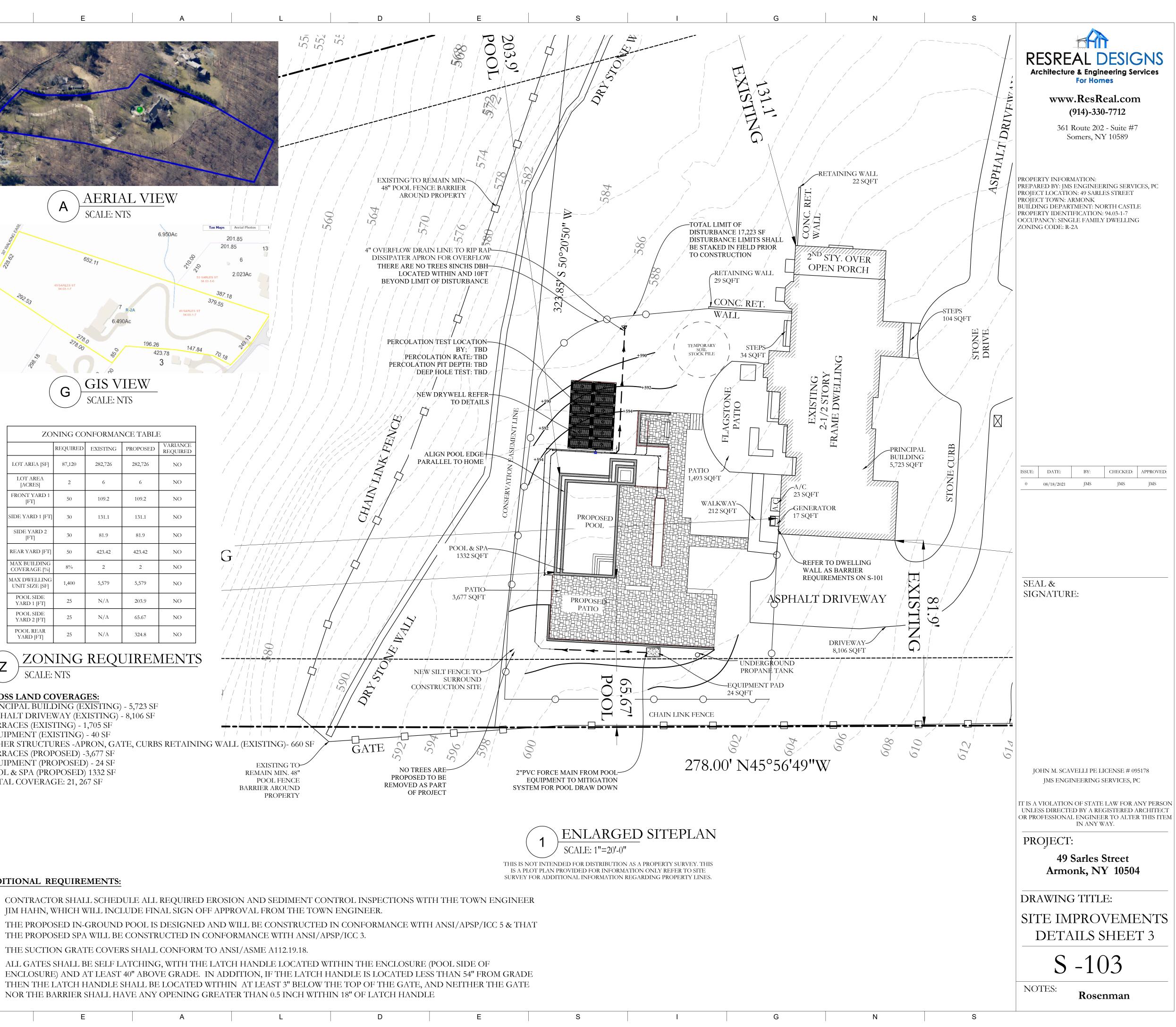


Rosenman



		R	E		S		R		E		
	EF	ROSION CONTRO	L MEASURE NOTE	<u>.S:</u>							
1	1.	WITH THE NEW EROSION CONT ORDINANCES, A THESE PLANS F REQUIREMENT STANDARDS IS	& GRADING CON VYORK STATE STA FROL AND ALL OT AND STANDARDS. HAVE BEEN REVIE 'S. ANY VARIANCE NOT ALLOWED UN THORITY HAVING	NDARDS ANI HER APPLICA THE DESIGN WED ACCORI FROM ADOP NLESS SPECIF	D SPECIFICATIC BLE CODES, ELEMENTS WI DING TO THESE FED EROSION ( ICALLY APPRO)	ONS FOR THIN E CONTROL					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	2.		THIS EROSION CO N APPROVAL OF P				THE REAL				
2	3.	DURING CONST	E APPROVED PLAN I'RUCTION. THE AI IY OTHER REQUIR DNSTRUCTION.	PPLICANT IS R	ESPONSIBLE F	OR				AERIA	AL V
	4.	MAINTENANCE FACILITIES IS T CONSTRUCTION	NTATION OF THES E, REPLACEMENT, HE RESPONSIBILI N IS COMPLETED A LANDSCAPING IS I	AND UPGRAE Fy of the CC AND Approvi	DING OF THESE DNTRACTOR UN ED AND		á	53.65 Marthane		SCALE: N <sup>7</sup> <sup>352. 11</sup>	TS
3	5.	CONSTRUCTED ACTIVITIES, AN AND SEDIMEN	CONTROL MEASU IN CONJUNCTION ID IN SUCH A MAN I' LADEN WATER I WAYS, OR VIOLATI	N WITH ALL C INER AS TO IN DO NOT ENTE	LEARING AND ISURE THAT SE ER THE DRAINA	GRADING DIMENT .GE		<sup>292,53</sup>	49 SARLES ST 94.03-1-7	7	R-2A
4	6.	MINIMUM REQU DURING THE C UPGRADED AS	CONTROL MEASUR UIREMENTS FOR A ONSTRUCTION PE NEEDED FOR UNI SEDIMENT AND SR 'E.	NTICIPATED RIOD, THESE EXPECTED ST	SITE CONDITIO ESC FACILITIE ORM EVENTS A	ONS. S SHALL BE AND TO		99. 99. 99.	278.00		
	7.	FIELD SURVEY SHOULD, THER NECESSARILY ( CONTRACTOR 7	IS OF EXISTING U'I OR OBTAINED FR EFORE, BE CONSII COMPLETE. IT IS TI I'O INDEPENDEN'I TIONS AND TO DIS	OM AVAILABI DERED ONLY HE SOLE RESI ILY VERIFY T	LE RECORDS AN APPROXIMATE PONSIBILITY OI HE ACCURACY	ND E AND NOT F THE OF ALL			G	SCALE: N	VTS nce tab
			SHOWN WHICH M ION OF THIS PLAN		TED BY THE			LOT AREA [SF]	87,120	EXISTING 282,726	PROPOSE 282,726
5	8.	SHALL BE CLEA DURING THE C	IES OF THE CLEAN ARLY FLAGGED IN ONSTRUCTION PE	THE FIELD P RIOD, NO DIS	RIOR TO CONS STURBANCE BE	TRUCTION. YOND THE		LOT AREA [ACRES] FRONT YARD 1 [FT]	2 50	6	6 109.2
			ARING LIMITS SHA NTAINED BY THE ( N.					SIDE YARD 1 [FT] SIDE YARD 2 [FT]	30 30	131.1 81.9	131.1 81.9
	9.	DISTURBANCE	LL BE LIMITED TO LIMITS. EXPOSED KING DAY WHEN V	SOILS MUST B				REAR YARD [FT] MAX BUILDING COVERAGE [%]	50 8%	423.42	423.42
6	10.		DNSTRUCTION EN F CONSTRUCTION THE PROJECT.					MAX DWELLING UNIT SIZE [SF] POOL SIDE YARD 1 [FT]	1,400 25	5,579 N/A	5,579 203.9
	11.	EARTHWORK A	TOR MUST MAINTA ND IMMEDIATELY O PAVED AREAS A	Y REMOVE SO	IL THAT HAS B	EEN		POOL SIDE YARD 2 [FT] POOL REAR YARD [FT]	25 25	N/A N/A	65.67 324.8
	12.	THE CONTRAC	CONTROL FACILI'I I'OR AND MAINTA UED FUNCTIONIN	INED AS NEC			Z	ZON SCALE:		REQU	JIRE
7	13.	BUILDING STRU	ADING MUST DIRE JCTURES AT A MIN INTERNATIONAL	NIMUM OF 6" V	WITHIN THE FI	RST 10	PRIN ASPH	<b>SS LAND CO</b> ICIPAL BUILI HALT DRIVEN	DING (EX WAY (EX	XISTING) (ISTING) -	
		NDSCAPING NO	TES:				EQU	RACES (EXIST IPMENT (EXI	(STING)	- 40 SF	
	1. 2.	FOR LANDSCAP ALL DISTURBED	ATERIALS, LABOR ING FINISHES ARC O GRASS AREAS SH LL BE APPROPRIAT	DUND PREMIS ALL BE REPLA	ES. ANTED WITH N	EW GRASS	TERI EQU POO	ER STRUCTU RACES (PROP IPMENT (PRO L & SPA (PRO	OSED) - DPOSED POSED)	3,677 SF ) - 24 SF 1332 SF	TE, CUF
8	3.	SEASONAL GRA ALL DEBRIS, RO REMOVED FROM		JECTS OVER 2 F ALL PREPAR	2" DIAMETER SH	IALL BE	101.	AL COVERAC	5E: 21, 20	)/ 5Г	
	4.	SEED MIXTURE CHEWING FESC SHALL BE SPREA	CONTAINING 40% UE AND 10% OF M AD OVER EXCAVA CRES. SEED SHALL	) PERENNIAL IXED CLOVEI TED PREMISE	R OR SIMILAR C IS AT THE RATE	OVERAGE OF 100					
	5.	ROLLED FIRM.	S AND SHRUBS ON								
9		CONSTRUCTION EXISTING SHRU	J. BS AND TREES SH AL DEBRIS TO BE F	ALL BE GROC	MED AND TRIM		1.	I <mark>TIONAL RE</mark> CONTRACTO JIM HAHN, W	OR SHAL	L SCHED	OULE AI
	1.	NO MATERIAL AREAS AND PO	S SHALL BE EXCA ORTIONS OF EXCA OR REMOVAL ON	VATED PREM			2. E	THE PROPOS THE PROPOS THE SUCTIO	SED IN-( SED SPA	GROUND WILL BE	) POOL E CONST
10	2.	NO MATERIAL PORTION OF T PROPOSED GR	S SHALL BE EXCA THE EXCAVATED I ADE SHOWN FOR AND SLOPES OF TI	VATED OR RE PREMISES AT A SUCH AREA O	ANY DEPTH BE Dr portion of	LOW THE F AREA.	4. HED	ALL GATES S ENCLOSURE THEN THE I NOR THE BA	SHALL B E) AND A LATCH F	BE SELF L AT LEAST HANDLE S	ATCHIN ' 40" ABC SHALL I

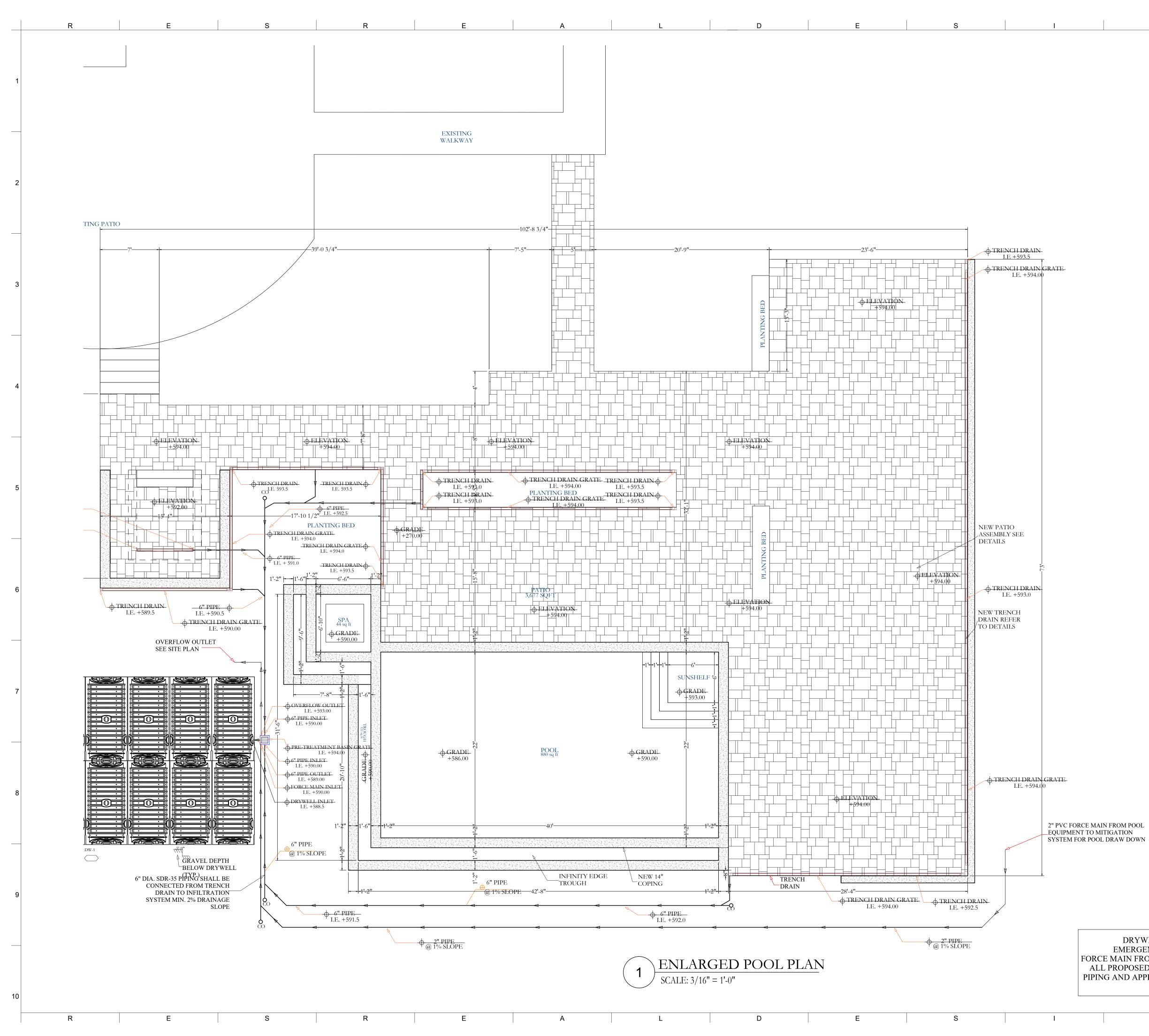
IN ACCORDANCE WITH ALL DETAILS SHOWN ON TOPOGRAPHICAL MAP. R



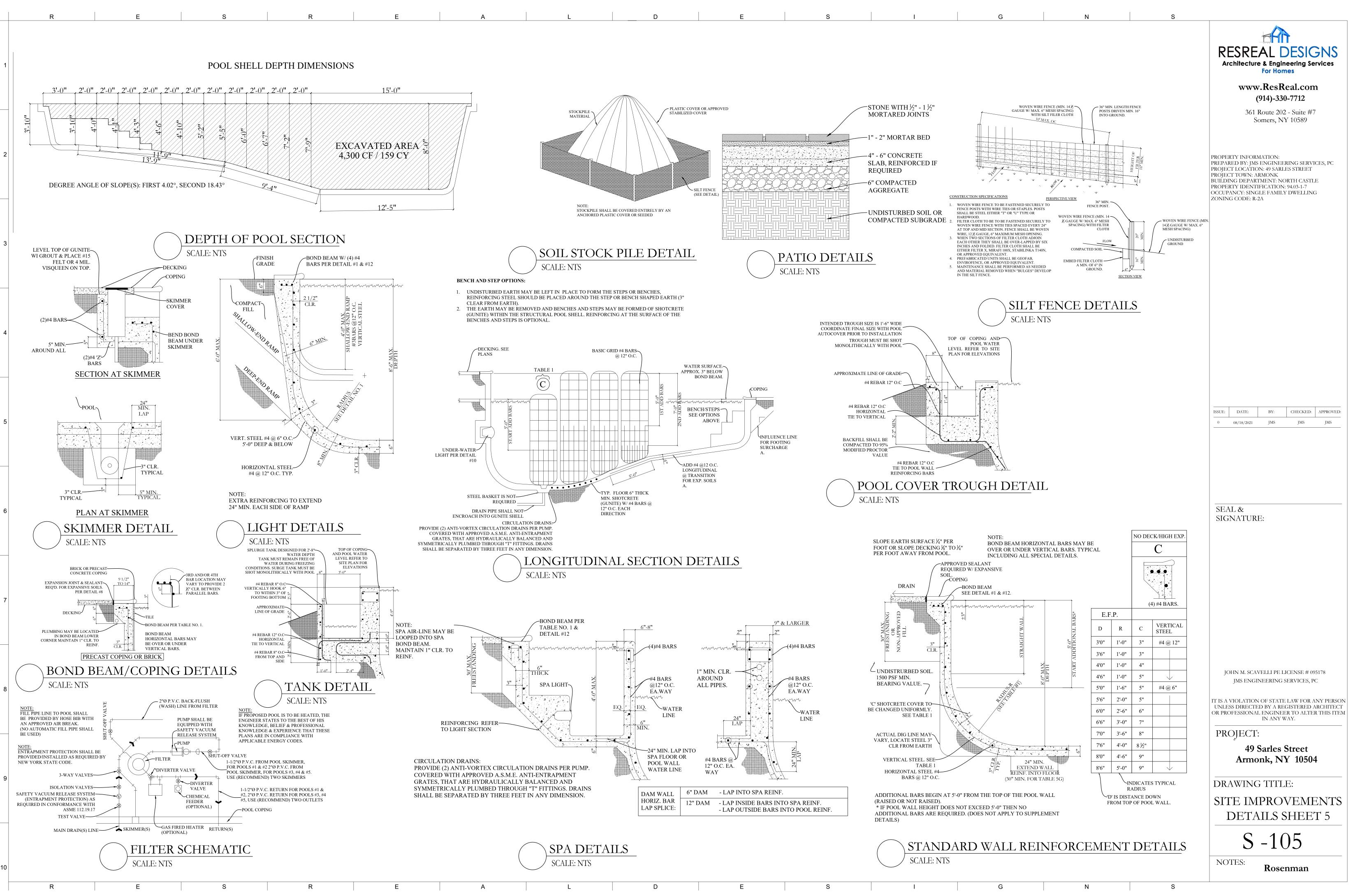
LL REQUIRED EROSION AND SEDIMENT CONTROL INSPECTIONS WITH THE TOWN ENGINEER

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G Ν S **EFA RESREAL DESIGNS** Architecture & Engineering Services For Homes www.ResReal.com (914)-330-7712 361 Route 202 - Suite #7 Somers, NY 10589 PROPERTY INFORMATION: PREPARED BY: JMS ENGINEERING SERVICES, PC PROJECT LOCATION: 49 SARLES STREET PROJECT TOWN: ARMONK BUILDING DEPARTMENT: NORTH CASTLE PROPERTY IDENTIFICATION: 94.03-1-7 OCCUPANCY: SINGLE FAMILY DWELLING ZONING CODE: R-2A ISSUE: DATE: BY: CHECKED: APPROVED: JMS 0 08/18/2021 JMS JMS SEAL & SIGNATURE: JOHN M. SCAVELLI PE LICENSE # 095178 JMS ENGINEERING SERVICES, PC IT IS A VIOLATION OF STATE LAW FOR ANY PERSON UNLESS DIRECTED BY A REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER TO ALTER THIS ITEM IN ANY WAY. PROJECT: **49 Sarles Street** Armonk, NY 10504 DRAWING TITLE: SITE IMPROVEMENTS **DETAILS SHEET 4** DRYWELL DRAIN PIPING - 6"PVC DRAINAGE PIPING EMERGENCY OUTLET PIPING - 3"PVC DRAINAGE PIPING FORCE MAIN FROM POOL EQUIPMENT PIPING - 2" PVC DRAINAGE PIPING S -104 ALL PROPOSED DRAINAGE PIPING SHALL BE SDR-35 PVC DRAINAGE PIPING AND APPROVED FOR DIRECT BURIAL UNDEGROUND DRAINAGE APPLICATION NOTES: Rosenman G S Ν



	R E S R	E
	CULTEC RECHARGER® 330XLHD PRODUCT SPECIFICATIONS	CULTEC NO. 66TM WOVEN G
1	GENERAL CULTEC RECHARGER 330XLHD CHAMBERS ARE DESIGNED FOR UNDERGROUND STORMWATER MANAGEMENT. THE CHAMBERS MAY BE USED FOR RETENTION, RECHARGING, DETENTION OR CONTROLLING THE FLOW OF ON-SITE STORMWATER RUNOFF.	GENERAL CULTEC NO. 66™ WOVEN GEO UNDERLAYMENT TO PREVEN MOVEMENT WITHIN THE CUI UTILIZING THE CULTEC MAN
	CHAMBER PARAMETERS 1. THE CHAMBERS SHALL BE MANUFACTURED BY CULTEC, INC.	GEOTEXTILE PARAMETERS 1. THE GEOTEXTILE SHALL
	2. THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HMWHDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR.	BROOKFIELD, CT. (203-775-44
	3. THE CHAMBER SHALL BE ARCHED IN SHAPE.	<ol> <li>2. THE GEOTEXTILE SHALL</li> <li>3. THE GEOTEXTILE SHALL</li> </ol>
2	4. THE CHAMBER SHALL BE OPEN-BOTTOMED.	(1.40KN) PER ASTM D4632 TES
	5. THE CHAMBER SHALL BE JOINED USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COUPLINGS OR SEPARATE END WALLS	4. THE GEOTEXTILE SHALL OF 15%%% PER ASTM D4632 '
	6. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC RECHARGER 330XLHD SHALL BE 30.5 INCHES TALL, 52 INCHES WIDE AND 8.5 FEET LONG. THE INSTALLED LENGTH OF A	5. THE GEOTEXTILE SHALL 1 600PSI (4138 KPA) PER ASTM I
	JOINED RECHARGER 330XLHD SHALL BE 7 FEET.	6. THE GEOTEXTILE SHALL KN) PER ASTM D4533 TESTIN
3	<ol> <li>MAXIMUM INLET OPENING ON THE CHAMBER ENDWALL IS 24 INCHES HDPE.</li> <li>THE CHAMBER SHALL HAVE TWO SIDE PORTALS TO ACCEPT CULTEC HVLV® FC-24 FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. THE NOMINAL DIMENSIONS OF EACH SIDE PORTAL SHALL BE 10.5 INCHES HIGH BY 11.5 INCHES WIDE. MAXIMUM ALLOWABLE OUTER DIAMETER (O.D.) PIPE SIZE IN THE SIDE PORTAL IS 11.75 INCHES.</li> </ol>	7. THE GEOTEXTILE SHALL (0.66 KN) PER ASTM D4833 TE
		8. THE GEOTEXTILE SHALL LBS (4.00 KN) PER ASTM D624
	9. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV FC-24 FEED CONNECTOR SHALL BE 12 INCHES TALL, 16 INCHES WIDE AND 24.2 INCHES LONG.	9. THE GEOTEXTILE SHALL PER ASTM D4355 TESTING M
4	10. THE NOMINAL STORAGE VOLUME OF THE RECHARGER 330XLHD CHAMBER SHALL BE 7.459 FT <sup>3</sup> / FT - WITHOUT STONE. THE NOMINAL STORAGE VOLUME OF A JOINED RECHARGER 330XLHD SHALL BE 52.213 FT <sup>3</sup> / UNIT - WITHOUT STONE.	10. THE GEOTEXTILE SHALI SEC-1 PER ASTM D4491 TESTI
	<ul> <li>11. THE NOMINAL STORAGE VOLUME OF THE HVLV FC-24 FEED CONNECTOR SHALL BE 0.913</li> <li>FT<sup>3</sup> / FT - WITHOUT STONE.</li> </ul>	11. THE GEOTEXTILE SHALI GPM/FT2 (160 LPM/M2) PER A
	12. THE RECHARGER 330XLHD CHAMBER SHALL HAVE FIFTY-SIX DISCHARGE HOLES BORED INTO THE SIDEWALLS OF THE UNIT'S CORE TO PROMOTE LATERAL CONVEYANCE OF	12. THE GEOTEXTILE SHALI CW-02215 TESTING METHOD
	WATER. 13. THE RECHARGER 330XLHD CHAMBER SHALL HAVE 16 CORRUGATIONS.	13. THE GEOTEXTILE SHALI US STD. SIEVE (0.425 MM) PER
5	<ul> <li>14. THE ENDWALL OF THE CHAMBER, WHEN PRESENT, SHALL BE AN INTEGRAL PART OF THE CONTINUOUSLY FORMED UNIT. SEPARATE END PLATES CANNOT BE USED WITH THIS</li> </ul>	14. THE GEOTEXTILE SHALI SILT-FILM POLYPROPYLENE
	UNIT.	POST STORM WATER MAN
	15. THE RECHARGER 330XLRHD STAND ALONE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO FULLY FORMED INTEGRAL ENDWALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS.	<ol> <li>SYSTEM SHOULD BE INS</li> <li>STORMWATER INSPECTI BASIS.</li> <li>ALL GUTTERS AND DOW</li> </ol>
6	16. THE RECHARGER 330XLSHD STARTER UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 14 INCHES HIGH X 34.5 INCHES WIDE.	<ol> <li>ALL GUTTERS AND DOV RETENTION AREAS SHO CLEANED ON A ROUTIN</li> <li>OVERFLOW PORTS SHO 5. SYSTEM RECOMMENDE 5.1. WHERE SYSTEM IS E</li> </ol>
	17. THE RECHARGER 330XLIHD INTERMEDIATE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY OPEN ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 14 INCHES HIGH X 34.5 INCHES WIDE.	5.2. IF OUTLET PIPING I IS NOTED FROM OV
-	18. THE RECHARGER 330XLEHD END UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE FULLY OPEN END WALL AND HAVING NO SEPARATE END PLATES OR END WALLS.	STATE: NEW YORK LONGITUDE: 73.709 WEST LATITUDE: 41.159 NORTH
7	19. THE HVLV FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE RECHARGER 330XLHD AND ACT AS CROSS FEED CONNECTIONS.	25 YEAR/24HR - 6.46INCHI SOURCE - NORTHEAST REGIONAL O NATURAL RESOURCES CO <u>STORM WATER</u>
	20. CHAMBERS MUST HAVE HORIZONTAL STIFFENING FLEX REDUCTION STEPS BETWEEN THE RIBS.	METHOD: TR-55 PROPOSED CURVE NUMB PROPOSED CURVE NUMB
8	21. THE CHAMBER SHALL HAVE A 6 INCH DIAMETER RAISED INTEGRAL CAP AT THE TOP OF THE ARCH IN THE CENTER OF EACH UNIT TO BE USED AS AN OPTIONAL INSPECTION PORT OR CLEAN-OUT.	EXISTING CURVE NUMBE CURVE NUMBER (CN): RES SOIL TYPE: UpC URBAN LA HYDROLOGIC SOIL: GROU SOIL SURVEY WESTCHEST
	22. THE UNITS MAY BE TRIMMED TO CUSTOM LENGTHS BY CUTTING BACK TO ANY CORRUGATION.	STORM WATER RET Cultec 330XLHD Capacity per Unit Area of Impervious
_	23. THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2015 CERTIFIED FACILITY.	Location Longitude/Latitude Rainfall Event Rainfall Duration Rainfall Rate
	24. MAXIMUM ALLOWED COVER OVER TOP OF UNIT SHALL BE 12 FEET	New Impervious- Paved/Roofs/Patio Q/ Direct Runo Off Existing Soil B Fair CN 75 Net Increase Increase in Run Off
9	25. THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.	Less Sidewall Absorption* *NO PERCOLATION CREDIT USED Type CH
		Cultec 330XLHD Capacity per Unit Total # of Required Units Total Required Capacity for 6" Drawdown mitigation practice
	STORM WATER CONSTRUCTION NOTES         1.       THE STORM WATER RETENTION SYSTEM SHALL NOT BE CONNECTED FOR         USE UNTIL CONSTRUCTION IS COMPLETE AND SITE IS STABILIZED.	Total Required Capacity for 25 Year         Storm         Proposed # of Units         Proposed Capacity         Total Capacity
	EXISTING DRAINAGE SYSTEM NOTES 1. THE CURRENT SITE DOES NOT HAVE A MEANS OF STORM WATER	STORM WATER RET AREA CHAMBERS CHA [SF] [QTY] VC
10	<ul> <li>RETENTION.</li> <li>2. A NEW STORM WATER SYSTEM IS PROPOSED FOR ADDITIONAL SITE COVERAGE.</li> </ul>	DW-1         4785         12         103           *12" STONE ABOVE CROWN, 18 "STONE FOUND

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