APPLICATION FOR BUILDING PERMIT

The Village of Irvington | 85 Main St | Irvington NY 10533

Application Number:	358	Date:	04/12/2022
Job Location:	52 ARDSLEY AVE	Parcel ID:	2.160-71-8
Property Owner:	Henry Lindemann	Property Class:	1 FAMILY RES
Occupancy:		Zoning:	
Common Name:			

Applicant	Contractor
Philip Thomas	Philip Thomas
Architectural Fence & Gate Fabricators LLC	Architectural Fence & Gate Fabricators LLC
994 Federal RoadBrookfield CT 06804	994 Federal Road Brookfield CT 06804
8453097060	8453097060

Description of Work

Type of Work:	Fence	Applicant is:	Contractor
Work Requested by:	The Owner	In association with:	
Cost of Work (Est.):	13600.00	Property Class:	1 FAMILY RES

Description of Work

- 1 Supply and install approximately 102 linear ft of 48" high all black powder-coated aluminum pool nce (Ovation Style) with two double gates and one single gate all self-closing and latching.
- 2- Repair and make the existing double iron gate pool code compliant at the stone wall by the guest use.
- 3- Enclose pool equipment as per NYS pool to protect children from power sources and chemicals. Ovation pool fence

Please Note: Completing the application does not constitute a permit to commence construction. To obtain your permit follow the instructions on the instruction page provided on page 3.

Job Location: 52 ARDSLEY AVE Parcel Id: 2.160-71-8

AFFIDAVIT OF APPLICANT

	The owner of the property described he	arein		
	The		rporation	with offices at:
		duly author	ized by resolu	ition of the Board of Directors, and that
	said corporation is duly authorized by the	he owner to make this	application.	
	A general partner of	wner to make this app orized by the owner to ed by the owner to ma	lication. make this ap ake this applic	olication.
kn Ur	nat the information contained in this applic owledge and belief. The undersigned he niform Fire Prevention and Building Code ws pertaining to same, in the construction	ereby agrees to comply , the Village of Irvingto	with all the rent on Building Co	equirements of the New York State ode, Zoning Ordinance and all other
Sv	worn to before me this d	ay of	of	_
No.	otary Public / Commission of Deeds		-	Applicant's Signature
OWNE	ER'S AUTHORIZATION			
	y Lindemann as the owner of the subject application.	ct premises and have a	authorized the	contractor named above to perform the
Ov	wner phone number	_ Owner email addres	ss	
	to ensure that if the permit (if issued) refurther that if a Final Certificate of Approviolation may be placed on the property	eceives a Final Certific oval is not obtained up	ate of Approvon completion	n of the construction, a property
	Sworn to before me this	day of	of	
	Notary Public / Commission of Deeds		-	Applicant's Signature

INSTRUCTIONS

REQUIREMENTS FOR OBTAINING A PERMIT:

The following items must be submitted in order to obtain a Building Permit:

- 1. One (1) Building Permit application signed by the owner or a notarized Agent Letter.
- 2. One (1) property survey (signed and sealed), reflecting existing conditions.
- 3. Two (2) sets of construction drawings and specifications, including existing and proposed conditions, state design criteria, structural and architectural details, plans, and cross sections, mechanical, electrical, and plumbing drawings (signed and sealed by a likened professional).
- 4. One USB with all plans (with Licensed Professionals certification/stamp) and specifications in PDF (file size must be less than 25MB).
- 5. Copy of approved site plan from the Irvington Planning Board when applicable (required on all increases of FAR. footprint, coverage, driveways and increases of cubic content under a roof).
- 6. Approval by the Architectural Review Board (ARB) when applicable. An additional five (5) sets of construction drawings and specifications (please see ARB requirements (available on the village web site www.irvingtonny.gov) prior to submission).
- 7. Visit the Village of Irvington website www.irvingtonny.gov for additional check list for solar panels, generators, underground propane tanks, signs and awnings(found in forms and documents in the Building & Planning General Information folder).
- 8. Village Zoning Code is available on the Village website: www.irvingtonny.gov.
- 9. Provide evidence that the application meets the NYS Energy code as described by www.dos.state.nv.us/code/energycode/overview.htm

Contractor Requirements in order to obtain a Building Permit:

- 10. Contractor's Certificate of Liability listing the Village of Irvington as the Certificate Holder with no disclaimer in the description other than certificate holder is named additional insured (any additional comments will not be accepted).
- 11. Contractor's Workers Compensation C-105 form (or equivalent) listing the Village of Irvington as Certificate Holder.
- 12. Copy of Contractor's Westchester County Home Improvement License.
- 13. All information above uploaded into permit application with the contractor's contact information, including mailing address, phone number, and email address.
- 14. Contractor's signature on Affidavit of Contractor (required prior to issuance of the permit).

Please Note:

-State Law requires that the contractor submits a copy of Workman's Compensation as required by the New York State Disability Insurance naming the Department of Buildings, Village of Irvington as certificate holder and showing coverage for general contacting and the locations covered by such insurance. If structure is to be demolished a copy of Liability Insurance must also be submitted.

- Please be advised under State and Municipal Laws, the Workman's Compensation and Disability benefits insurance must be submitted on separate state approved forms. The "Acord Form" is no longer acceptable as proof of Workman's Compensation by

	juestions may be answered by calling the NYS Bureau o	of Compliance at (518) 486-6307 o	r
visiting their website or by contact			
FEES ASSOCIATED WITH BUILDING	G PERMIT APPLICATION(All fees must be paid at tim	e of application)	
Fee schedule			
Building Permit (Non-Refundable)			
* Application fee \$85		85	<u>;</u>
* Permit fee \$17 per thousand doll	lars (\$1000) of estimated cost of construction, or fraction	n thereof	
Inspection Fees (as applicable)			
Insulation: \$50	• Footing: \$50		
Solid Fuel: \$50	 Preparation for concrete slabs and walls: \$50 		
 Foundation and footing drain: \$50 	• Framing: \$50		
• Energy Code Compliance: \$50	• Building systems, including underground and rough-in: \$50		
Sediment and erosion control: \$50	 Fire resistant construction and penetrations: \$50 		
Footing: \$50	• Final Inspection for C.O.: \$50		
Preparation for concrete slabs and walls: \$50	State and local laws (per re-inspection): \$50	Total Inspections	

- * Certificate of Occupancy Fees: One dollar (\$1.00) per thousand dollars of estimated cost. Minimum Fee \$25.00
- * Permit Revisions or Amendment: \$50.00 (plus \$17 per thousand (\$1000), of the estimated cost of construction and any additional inspections fees).
- * Re-inspection fee for work not ready at time of inspection or not in compliance: \$50
- * Applications for Undocumented Work/ Legalizing: Applications to legalize work done prior toapplying for and receiving a building permit shall pay double all applicable fees and inspections, including the cost of construction based on the cost of all proposed work being legalized at the time of application. Minimum fee \$500.00.

(To be collected at time of submission of application)Total

(Note: pursuant to 224-54A all permits are valid for one (1) year from date on permit Any permit that expires will be subject to additional fees.)

Architectural Fence & Gate Fabricators, LLC. 994 Federal Road Brookfield, CT. 06804 Serving Connecticut & New York

Office 914-306-0000 203-546-8758

Customer: Henry Lindemann

52 Ardsley Avenue West

Irvington, NY. 415 602 9333



ESTIMATE # 0409224

DATE: 04/09/2022

Westchester County HM IMP License # WC -33023-H20 Putnam County License # PC 8247 Connecticut HM IMP License # HC-0659398

AFG Bonded # 107339790 Travelers Casualty & Surety Company of America

	SALESPERSON	JOB	811 SERVICE	E	PROJECT COORDINATOR
	Philip	Pool Fence			
		DESCRIPTION		UNIT PRICE	LINE TOTAL
1		ximately 102 linear ft of 48'' highence (Ovation Style) with two doung and latching.			\$ 10,850.00
2-	Repair and make existin wall by guest house.	g double iron gate pool code com	pliant at stone		\$ 1125.00
3-	Enclose pool equipment source and chemicals.	as per NYS pool to protect childre	en for power		\$ 1.625.00
	Ovation pool fence				
	NYS # Workers Comp # A 2510 0	16-5 DBL# 735737-0 Hiscox Liability Ins # UI	OC-43455554-CGL-19		
		hitectural Fence & Gate Fabric 647 Wingdale, NY. 12594	ators LLC	SUB TOTAL	\$ 13,600.00
		SALES TAX	Capital Improvement ST- 124 Form		
1	QUATOR MEMBERS	TOTAL	\$ 13,600.00		
(* (20 × 21 \)* NOMMA	DEPOSIT	\$ 6,500.00		
	EST 1958	ACCREDITED BUSINESS	Association	BALANCE ON COMPLETION	\$ 7,100.00

CUSTOMER APPROVAL X	DATE:	/	/

We hereby propose to furnish material and labor in accordance with above specifications and price. Terms: Deposit 50%, Balance on completion of job or a 2% per month (24% annum) finance charge will be applied to any outstanding balances, in addition to any legal and collection costs. All materia is are guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any Manufacturers' warranties shall pass directly to the customer. Not responsible for the warrping, checking, or shrinkage of wood material. In addition, stained materials are subject to variations in color and/or texture due to environmental, material, and chemical changes. All deposits are covered by a bond to guarantee completion of work. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire and tornado insurance. Not responsible for underground pipes, wires, property lines, wiring, etc. Owner is to physically mark these locations. Cancel contract at any time in writing prior to midnight of the third business day after the contract has been signed. Cancellations after the fourth (4th) business day are subject to a minimum of a 20% cancellation charge, plus cost of any materials already ordered and/or fabricated. Any changes in the contract must be approved by both parties. Any alterations or deviations from above specifications involving extra costs will be executed only upon written orders and will become an extra cost over and above the estimate. The risk of loss due to theft, lightning damage, or destruction of materials shall pass to the customer upon delivery to the job site.

N. or F. VINCENT S 05°38'40" E 57.55 AVENUE WEST CHIN LINK FEINGE N 83°19'36" E PAVER DRIVEWAY GARAGE 017 AQ N. or F. FORSTMANN S 85°51'48" W Lot#4 171.64' P001 BBICK DMETTING LMO 81061 PAT10 01789 CONCRETE RET. WALL R=35.00′ L=22.66′ 100.001=A R=50.00' L=7.68' N 20°27'30' N 20°27.37' DADWEE

Title # *GST-21-19659-W*

Land Survey For

INDEMANN"

Westchester County, NY Area = 1.54 Ac. Village of Irvington

Town of Greenburgh Scale: 1" = 40'

December 8, 2021

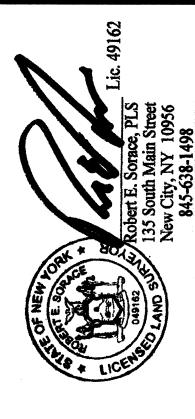
Tax Lot Desig.: Section 2.160 Block 71 Lot 8

Reference: map entitled "SUBDIVISION MAP PREPARED FOR DR. HOWARD PADWEE IN THE VILLAGE OF IRVINGTON, TOWN OF GREENBURGH, WESTCHESTER COUNTY, N.Y.", Filed in the County clerks office, Division of Land records Westchester County N.Y. on April 26, 1988 as map no. 23224.

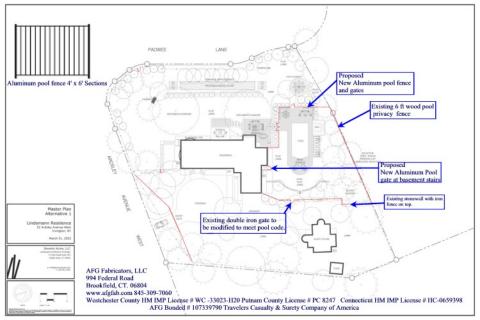
Certified to:

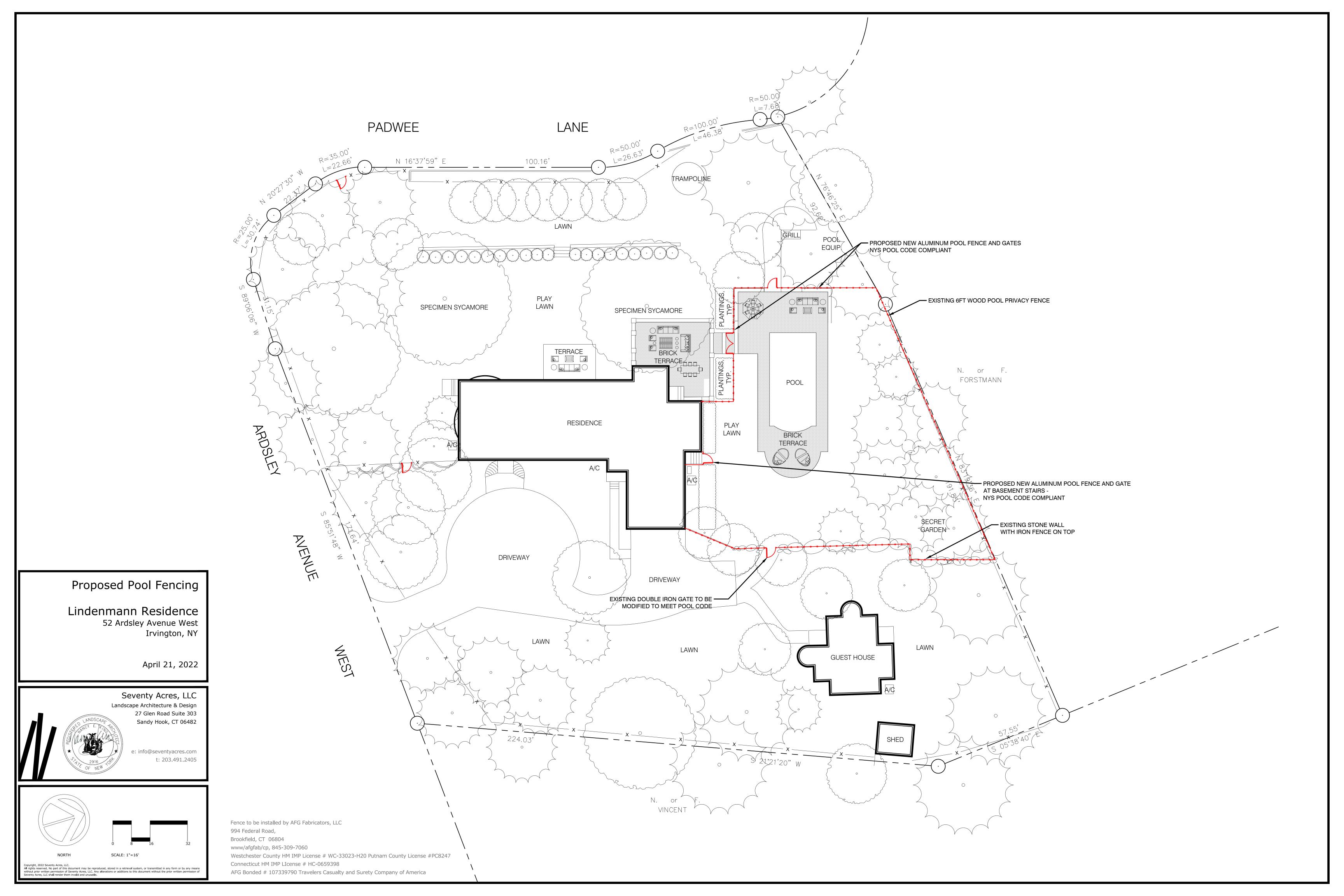
- * Henry Lindemann and Hilary Lindemann
 - * GlobalServe Title Agency
- * First American Title Insurance Company * First Republic Bank, ISAOA/ATIMA

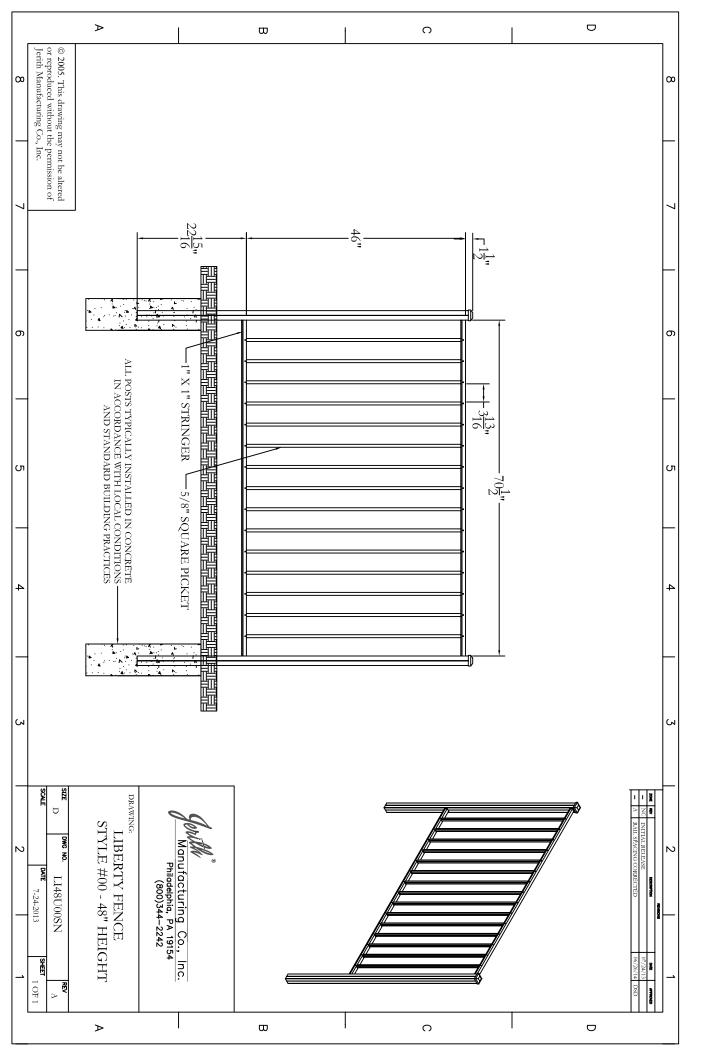
Certifications indicated hereon signify that this survey was prepared in accordance with the existing code of practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors. Said and on behalf to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent certification shall run only to the person for whom the survey is prepared

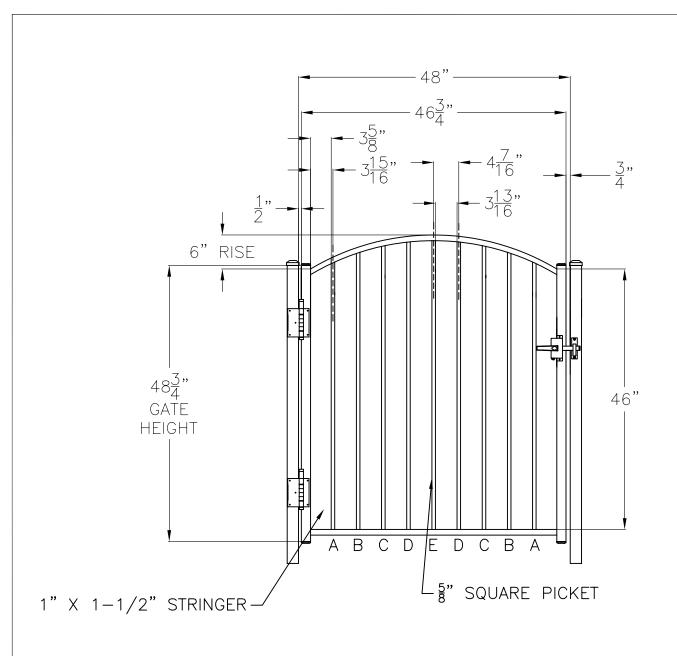


WE 1202









PICKET INFORMATION							
PICKET ID	PICKET LENGHTS	QTY.					
A	48-3/4"	2					
В	50-9/16"	2					
С	51-13/16"	2					
D	52-9/16"	2					
E	52-13/16"	1					

Manufacturing Co., Inc.
Philadelphia, PA 19154
(800)344-2242

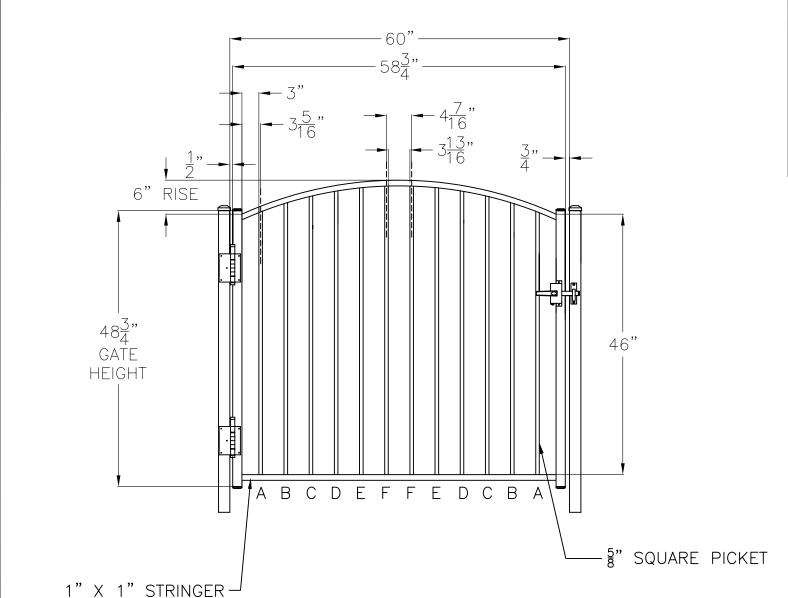
LIBERTY ACCENT GATE STYLE #00 48" HIGH X 48" WIDE

Date October 2014

Drawing No.

Copyright 2014
This drawing
may not be altered
without permission of

LI48U0048AG



PICKET INFORMATION							
PICKET ID	PICKET LENGHTS	QTY.					
A	48-1/16"	2					
В	49-11/16"	2					
С	50-15/16"	2					
D	51-13/16"	2					
E	52-7/16"	2					
F	52-3/4"	2					

Manufacturing Co., Inc.
Philadelphia, PA 19154
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LIBERTY ACCENT GATE STYLE #00 48" HIGH X 60" WIDE

Date October 2014 -DSD

Drawing No.

Copyright 2014
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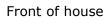


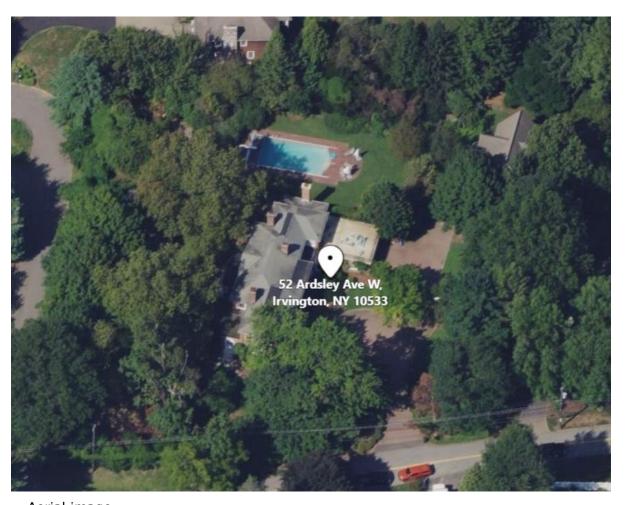




Existing Conditions







Aerial image



SEVENTY ACRES, LLC LANDSCAPE ARCHITECTURE & DESIGN 27 Glen Road Suite 303 Sandy Hook, CT 06482 203-491-2405 Lindemann Residence 52 Ardsley Avenue West Irvington, NY

Existing Conditions



Brick terrace and steps to pool area – fence & gate proposed at top step



Brick terrace and steps to pool area beyond



Stone wall with fence between guest house and pool area



Pool terrace



Existing double gate to be replaced with pool code gate



Pool terrace

SEVENTY ACRES, LLC LANDSCAPE ARCHITECTURE & DESIGN 27 Glen Road Suite 303 Sandy Hook, CT 06482 203-491-2405

Lindemann Residence 52 Ardsley Avenue West Irvington, NY

Existing Conditions



Basement steps where a fence and gate is proposed



Grill area where fence and gate is proposed beyond



Existing rear property line wood fence – photo taken from Padwee Lane, at neighbor's property



SEVENTY ACRES, LLC LANDSCAPE ARCHITECTURE & DESIGN 27 Glen Road Suite 303 Sandy Hook, CT 06482 203-491-2405 Lindemann Residence 52 Ardsley Avenue West Irvington, NY





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 04/21/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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PRC	DDUCER				CONTACT NAME:						
	Hiscox Inc.				PHONE (A/C, No, Ext): (888) 202-3007 FAX (A/C, No):						
	5 Concourse Parkway				E-MAIL ADDRESS: contact@hiscox.com						
	Suite 2150				INSURER(S) AFFORDING COVERAGE NAIC #						
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	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A						E.L. EACH ACCIDENT	\$		
	(Mandatory in NH) If yes, describe under							E.L. DISEASE - EA EMPLOYEE	\$		
	DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	\$		
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_	Henry Lindemann										
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	Irvington NY 10533							EREOF, NOTICE WILL E Y PROVISIONS.	BE DEI	LIVERED IN	
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 04/21/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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	nis certificate does not confer rights to							equire an endorsement	. A Sta	atement on	
PRO	DUCER				CONTACT NAME:						
	Hiscox Inc.				PHONE (A/C, No, Ext): (888) 202-3007 FAX (A/C, No):						
	5 Concourse Parkway				E-MAIL ADDRESS: contact@hiscox.com						
	Suite 2150				ADDICEO:						
	Atlanta GA, 30328				INOUR	1.0	x Insurance C			NAIC# 10200	
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	125 WESTVILLE AVE			INSURE							
	DANBURY, CT 06810				INSURE	R D :					
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				NUMBER:				REVISION NUMBER:			
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								MED EXP (Any one person)	\$ 5,00		
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	GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$ 2,00	0,000	
	X POLICY PRO- JECT LOC							PRODUCTS - COMP/OP AGG	\$ 2,00	0,000	
	OTHER:								\$		
	AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT (Ea accident)	\$		
	ANY AUTO							BODILY INJURY (Per person)	\$		
	OWNED SCHEDULED AUTOS							BODILY INJURY (Per accident)	\$		
	HIRED NON-OWNED AUTOS ONLY							PROPERTY DAMAGE (Per accident)	\$		
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	WORKERS COMPENSATION							PER OTH- STATUTE ER	<u> </u>		
	AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE							E.L. EACH ACCIDENT	\$		
	OFFICER/MEMBER EXCLUDED?	N/A						E.L. DISEASE - EA EMPLOYEE			
	If yes, describe under										
	DÉSCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	\$		
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	RTIFICATE HOLDER				CANO	ELLATION					
8	/illage of Irvington, New York 85 Main Street rvington NY 10533				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.						
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RESIDENTIAL CODE OF NEW YORK STATE - APPENDIX G SWIMMING POOLS, SPAS AND HOT TUBS

SECTION AG101 GENERAL

AG101.1 General. The provisions of this appendix shall control the design and construction of swimming pools, spas and hot tubs installed in or on the lot of a one and two-family dwelling.

SECTION AG-102 DEFINITIONS

AG102.1 General. For the purposes of these requirements, the terms used shall be defined as follows as set forth in Chapter 2.

ABOVE-GROUND/ON-GROUND POOL. See "Swimming pool"

BARRIER. A fence, wall, building wall or combination there of which completely surrounds the swimming pool and obstructs access to the swimming pool.

HOT TUB. See "Swimming Pool."

In-GROUND POOL. See "Swimming Pool."

RESIDENTIAL. That which is situated on the premises of a detached one or two-family dwelling or a one family townhouse not more then three stories in height.

SPA. NONPORTABLE. See "Swimming pool."

SPA. PORTABLE. A nonpermanent structure intended for recreational bathing, in which all controls, water heating and water circulating equipment are an integral part of the product.

SWIMMING POOL. Any structure intended for swimming or recreational bathing that contains water over 24 inches (610 mm) deep. This includes in-ground, aboveground and on-ground swimming pools, hot tubs and spas.

SWIMMING POOL, INDOOR. A swimming pool that is totally contained within a structure and surrounded on all four sides by walls of said structure.

SECTION AG103 SWIMMING POOLS

AG103. In ground pools. In ground pools shall be designed and constructed in conformance with **ANSI/NSPI-4** as listed in Section AG107.

SECTION AG-104 SPAS AND HOT TUBS

AG104.1 Permanently installed spas and hot tubs. Permanently installed spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-3 as listed in Section AG107.

AG104.2 Portable spas and hot tubs. Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6 as listed in Section AG107.

SECTION AG105 -BARRIER REQUIREMENTS

AG105.1 Application. The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drowning and near drowning by restricting access to swimming pools, spas and hot tubs.

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in ground, aboveground or on ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1219mm) above the grade, measured on the side of the barrier, which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches (51mm) measured on the side barrier, which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an above ground pool, the barrier may be at ground level, such as the structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance

between the top of the pool structure and the bottom of the barrier shall be 4 inches. (102mm).

- 2. Openings in the barrier shall not allow passage of a 4-inch diameter (102mm) sphere.
- 3. Solid barriers, which do not have openings, such as masonry or stonewall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
- 4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 (44mm) inches in width.
- 5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1145mm) or more, spacing between vertical members shall not exceed 4 inches (102mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44mm) in width.
- 6. Maximum mesh size for chain link fences shall be a 1.25 inch (32mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more then 1.75 inches (44mm).
- 7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum openings formed y the diagonal members shall not be more than 1.75 inches (44mm).
- 8. Access gates shall comply with the requirements of Section AG105.2. Items 1 through 7, and shall be securely locked with a key, combination or other child proof lock sufficient to prevent access to the swimming pool through such gate when the swimming pool is not in use or supervised. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372mm) from the bottom of the gate, the release mechanism and openings shall comply with the following.

- 8.1 The release mechanism shall be located on the pool side of the
- gate at least 3 inches (76mm) below the top of the gate, and
- 8.2 The gate and barrier shall have no openings greater than 0.5 inch
- (12.7mm) within 18 inches (457mm) of the release mechanism.
- 9. Where a wall of a dwelling serves as part of the barrier one following

conditions must be met:

- 9.1 The pool shall be equipped with a powered safety cover in compliance with ASTM F1346 or
- 9.2 All doors with direct access to the pool through that wall shall be

equipped with an alarm which produces an audible warning

when the door and its screen, if present are opened. The alarm

shall sound continuously for a minimum of 30 seconds

immediately after the door is opened and be capable of being

heard throughout the house during normal household activities.

The alarm shall automatically reset under all conditions. The alarm

system shall be equipped with a manual means, such as a touchpad

or switch to temporarily deactivate the alarm for a single opening.

Such deactivation shall last for not more than 15 seconds. The

deactivation switch (es) shall be located at lest 54 inches

- (1372mm) above the threshold of the door; or
- 9.3 Other means of protection, such as self-closing doors with self-

latching devices which are approved by the governing body, shall

be acceptable so long as the degree of protection afforded is no

less than the protection afforded by Item 9.1 or 9.2 described

above.

10. Where an above ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:

10.1 The ladder or steps shall be capable of being secured, locked or removed to prevent access, or

10.2 The ladder or steps shall be surrounded by a barrier, which meets the requirements of section AG105.2, items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch diameter (102mm) sphere.

AG105.3 INDOOR SWIMMING POOL. All walls surrounding an indoor swimming pool shall comply with Section AG105.2 item 9.

AG105.4 PROHIBITED LOCATIONS. Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

AG105.5 BARRIER EXCEPTIONS. Spas or hot tubs with a safety cover, which complies with **ASTM F1346**, as listed in Section AG107, shall be exempt from the provisions of this appendix.

SECTION AG106 ABBREVIATIONS

AG106.1 General.

ANSI--- AMERICAN NATIONAL STANDARDS INSTITUTE

WEST 42ND STREET, NEW YORK, NY 10036

ASTM---AMERICAN SOCIETY FOR TESTING AND MATERIALS

1916 RACE STREET, PHILADELPHIA, PA 19103

NSPI---NATIONAL SPA AND POOL INSTITUTE

11 EISENHOWER AVE., ALEXANDRIA, VA 22314

> SECTION AG107 STANDARDS AG107.1 GENERAL.

ANSI/NSPI

ANSI/NSPI-3 Standard for permanently installed Residential spas. ----- AG104.1

ANSI/NSPI-4 Standard for above-ground/on ground
Residential swimming poolsAG103.2
ANSI/NSPI-5 Standard for residential in-ground
Swimming poolsAG103.1
ANSI/NSPI-6 Standard for residential
Portable spasAG104.2
ASTM
A CTIM IS 1246 O1 Ct - 1-11

ASTM F 1346-91 Standard performance specifications for safety covers and labeling requirements for all covers for swimming pools, spas and hot tubs------AG105.2, AG105.5

POOL FENCE

AN INVESTMENT WORTH MAKING ...

AND A REQUIREMENT OF THE CODE!

Swimming pools, spas, and hot tubs are becoming more frequent in the back yards of homes across the State. While very enjoyable to the users, these places of comfort are very alluring to young children. Protection against unsupervised children is paramount in avoiding a household disaster.



Barriers like pool fences are working! In 1985, New York State started requiring pool fences when the rate of child deaths (newborn to 4 years old) soared to 17 drownings per million. By 1999, that number dropped by 95%.

When do I need a barrier?

Barriers, such as fences, are required around swimming pools, hot tubs and spas. This includes both fixed and portable units, including pre-formed or inflatable pools. The only exception is when a swimming pool is not able to contain more than 24" of water.

Are existing swimming pools exempt from barrier requirements?

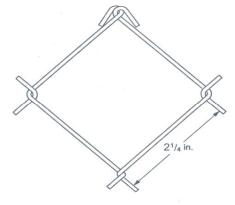
No. All swimming pools, no matter how old, are required to have a barrier around them. The Property Maintenance Code of New York State requires an approved barrier around all swimming pools, regardless of their age.

What are the requirements for barriers?

The Residential Code of New York State and the Building Code of New York State regulate the construction parameters of barriers. Several options are available.

- 1. A 48" barrier shall surround the pool area. The barrier can be made using various methods including masonry, wood, or metal. Whatever method is used, it must not allow passage of children through the barrier as well as be constructed to prevent climbing.
- 2. For above ground pools, the side wall can be used as part of the barrier as long as the walls are 48" above the ground and the access ladder is secured. A barrier can be placed on top of the pool if it doesn't quite make the 48" by itself.
- 3. When the wall of a building serves as the barrier, or a portion thereof, a power operated top can be used or alarms can be placed on the doors leading to the pool area.

For more Information, contact the Department of State Division of Code Enforcement and Administration 41 State St. Albany. NY 12231 Phone: (518)-474-4073 Fax: (518)-486-4487 http://www.dos.state.ny.us

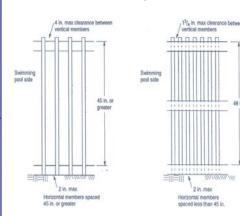


Do I need to put a barrier up to protect my hot tub or spa?

No. Hot tubs and spas are exempt from the barrier if equipped with a safety cover complying with the ASTM F1346 safety standard.

Do fences, gates and folding ladders need to be locked?

Yes. Pool gates and folding ladders do need to be locked when unsupervised. This needs to be achieved by a key, combination, or child-proof lock.

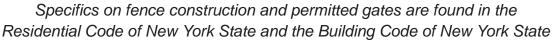














PIPING SYSTEM TYPES	FLUID TEMP RANGE (°F)	INSULATION THICKNESS inches ^b
Heating systems		
Low pressure/temperature	201-250	1.5
Low temperature	120-200	1.0
Steam condensate (for feed water)	Any	. 1.5
Cooling systems		
Chilled water, refrigerant or brine	40-55	0.75
	Below 40	1.25

For SI: 1 inch = 25.4 mm, $^{\circ}$ C = [($^{\circ}$ F)-32]/1.8.

a. The pipe insulation thicknesses specified in this table are based on insulation R-values ranging from R-4 to R-4.6 per inch of thickness. For materials with an R-value greater than R-4.6, the insulation thickness specified in this table may be reduced as follows:

New Minimum Thickness = $\frac{4.6 \times \text{Table Thickness}}{4.6 \text{ total } P \text{ Volume}}$

New Minimum Thickness = $\frac{1}{\text{Actual }R\text{-Value}}$ For materials with an R-value less than R-4, the minimum insulation thickness shall be increased as follows:

New Minimum Thickness = $\frac{4.0 \times \text{Table Thickness}}{\text{Actual }R\text{-Value}}$

b. For piping exposed to outdoor air, increase thickness by 0.5 inch.

TABLE N1104.1

REQUIRED PERFORMANCE OF DOMESTIC HOT WATER HEATING EQUIPMENT SUBJECT TO MINIMUM FEDERAL STANDARDS

CATEGORY	MAXIMUM INPUT RATING	MINIMUM EFFICIENCY
Electric; storage or instantaneous	12 kW	0.93 - 0.00132 × Va
Gas; storage	75,000 Btu/h	0.62 - 0.0019 × Va
Gas; instantaneous	200,000 Btu/h	$0.62 - 0.0019 \times V^a$
Oil; storage	105,000 Btu/h	$0.59 - 0.0019 \times V^a$
Oil; instantaneous	210,000 Btu/h	0.59 - 0.0019 × Va

For SI: 1 Btu/h = 0.2931 W, 1 gallon = 3.785 L.

a. V is the rated storage volume in gallons as specified by the manufacturer.

SECTION N1104 SERVICE WATER HEATING

N1104.1 Scope. The purpose of this section is to provide criteria for design and equipment selection that will produce energy savings when applied to service water heating. Water supplies to ice-making machines and refrigerators shall be taken from a cold-water line of the water distribution system.

N1104.2 Water heaters, storage tanks and boilers. Water heaters, storage tanks and boilers shall meet the performance criteria set forth in Sections N1104.2.1 and N1104.2.2.

N1104.2.1 Performance efficiency. Water heaters and hot water storage tanks shall meet the minimum performance criteria of water-heating equipment specified in Table N1104.2. Where multiple criteria are listed, all criteria shall be met.

Exception: Storage water heaters and hot water storage tanks having more than 140 gallons (530 L) of storage capacity need not meet the standby loss (SL) or heat loss

(HL) requirements of Table N1104.2 if the tank surface area is thermally insulated to R-12.5 and if a standing pilot light is not used.

N1104.2.2 Combination service water-heating/ space-heating boilers. Service water-heating equipment shall not be dependent on year-round operation of space-heating boilers; that is, boilers that have as another function winter space heating.

Exceptions:

1. Systems with service/space-heating boilers having a standby loss (Btu/h) (W) less than:

 $13.3 \, pmd + 400n$

determined by the fixture count method where:

pmd = Probable maximum demand in gallons/hour as determined in accordance with Chapter 37 of the ASHRAE HVAC Systems and Applications Handbook.

<u>n</u> = Fraction of year when outdoor daily mean temperature exceeds 64.9°F (18°C).



CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

^^^^^ 320610019
ARCHITECTURAL FENCE & GATE
FABRICATORS LLC
994 FEDERAL RAOD
BROOKFIELD CT 06804



SCAN TO VALIDATE AND SUBSCRIBE

POLICYHOLDER

ARCHITECTURAL FENCE & GATE FABRICATORS LLC 994 FEDERAL RAOD BROOKFIELD CT 06804 CERTIFICATE HOLDER

POOL FENCE

VILLAGE OF IRVINGTON 85 MAIN STREET IRVINGTON NY 10533

POLICY NUMBER A2510 016-5 CERTIFICATE NUMBER 842978 POLICY PERIOD 03/09/2022 TO 03/09/2023

DATE 4/21/2022

THIS IS TO CERTIFY THAT THE POLICYHOLDER NAMED ABOVE IS INSURED WITH THE NEW YORK STATE INSURANCE FUND UNDER POLICY NO. 2510 016-5, COVERING THE ENTIRE OBLIGATION OF THIS POLICYHOLDER FOR WORKERS' COMPENSATION UNDER THE NEW YORK WORKERS' COMPENSATION LAW WITH RESPECT TO ALL OPERATIONS IN THE STATE OF NEW YORK, EXCEPT AS INDICATED BELOW, AND, WITH RESPECT TO OPERATIONS OUTSIDE OF NEW YORK, TO THE POLICYHOLDER'S REGULAR NEW YORK STATE EMPLOYEES ONLY.

IF YOU WISH TO RECEIVE NOTIFICATIONS REGARDING SAID POLICY, INCLUDING ANY NOTIFICATION OF CANCELLATIONS, OR TO VALIDATE THIS CERTIFICATE, VISIT OUR WEBSITE AT HTTPS://WWW.NYSIF.COM/CERT/CERTVAL.ASP. THE NEW YORK STATE INSURANCE FUND IS NOT LIABLE IN THE EVENT OF FAILURE TO GIVE SUCH NOTIFICATIONS.

THIS POLICY DOES NOT COVER THE SOLE PROPRIETOR, PARTNERS AND/OR MEMBERS OF A LIMITED LIABILITY COMPANY.

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NEW YORK STATE INSURANCE FUND

DIRECTOR, INSURANCE FUND UNDERWRITING

