




# PEARL RIVER PUBLIC LIBRARY WINDOW REPLACEMENT PROJECT

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	05-03-24	NYSED 23-1825 #5 - adding RA Lic. Exp. Date
1	04-11-2024	ISSUED FOR SED PERMIT
ISSUE NO.		DESCRIPTION



EXP Date: December 31, 2026

PEARL RIVER  
PUBLIC LIBRARY  
80 Franklin Ave.  
Pearl River, NY 10965

## WINDOW REPLACEMENT

NY SED PROJECT CONTROL NO.  
50 - 03 - 08 - 03 - 6 - 005 - 007

COVER

PROJECT NO.: 2578-08

DRAWING NO.:

# A000

## DRAWING LIST

## ENERGY ANALYSIS

ENERGY ANALYSIS FOR ALTERATION PER 2020 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION  
CODE CHAPTER 4.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CONSTRUCTION CODE 2020.

CLIMATE\_ZONE : 5A

ROBERT GABALSKI, AIA

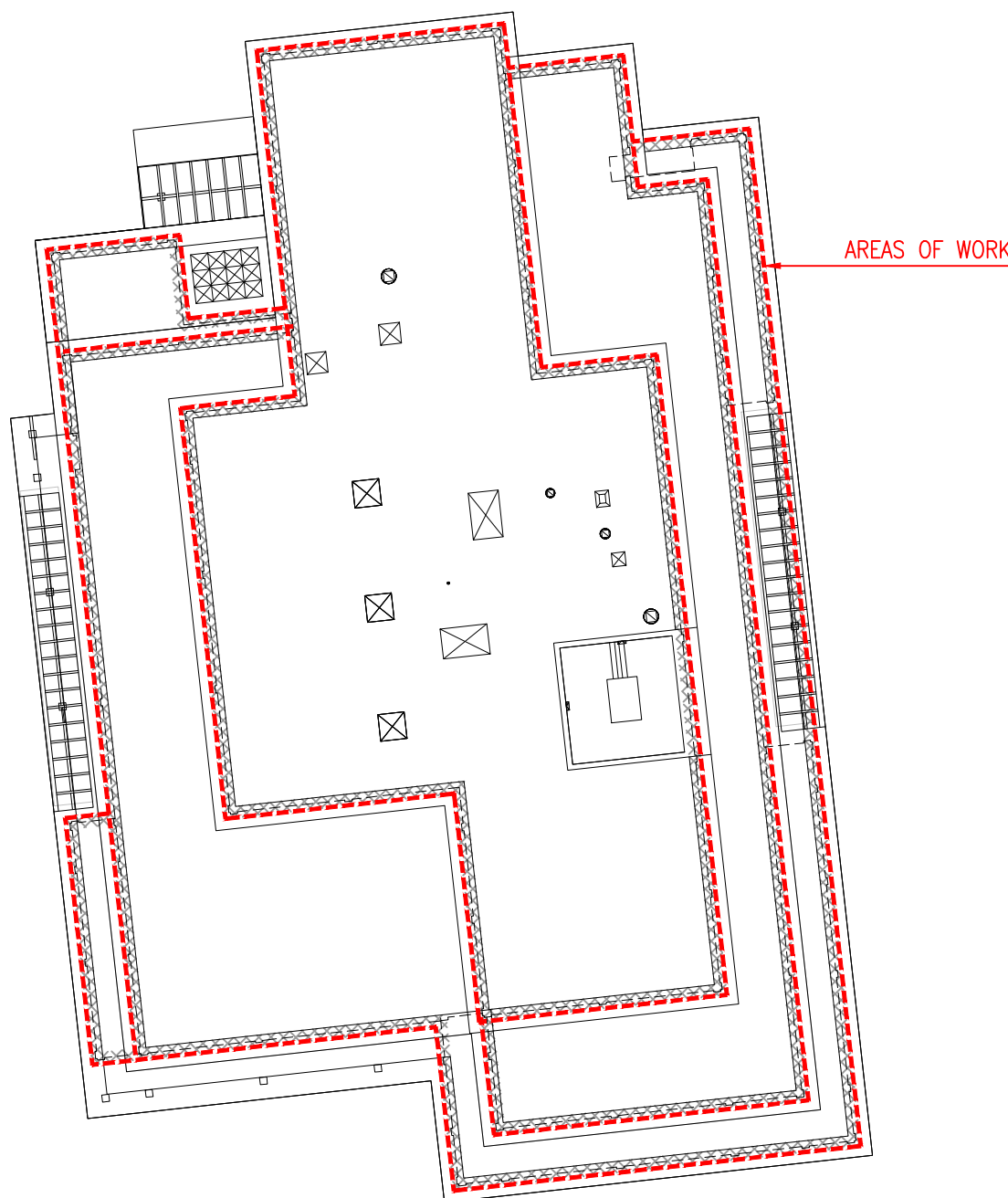
## ARCHITECTURAL DRAWINGS

A000	COVER
A001	EGRESS PLAN AND CODE ANALYSIS
A101	FIRST FLOOR PLAN
A102	LOWER CLERESTORY PLAN
A103	UPPER CLERESTORY PLAN
A201	EXTERIOR ELEVATIONS
A801	WINDOW SCHEDULE, TYPES AND DETAILS
A802	WINDOW DETAILS

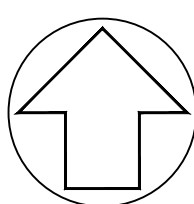
## OTHER DOCUMENTS

PROJECT MANUAL  
PHOTO BOOK COMPOSITE  
ARCHITECTURAL REFERENCE DRAWINGS  
HAZARDOUS MATERIAL REPORTS

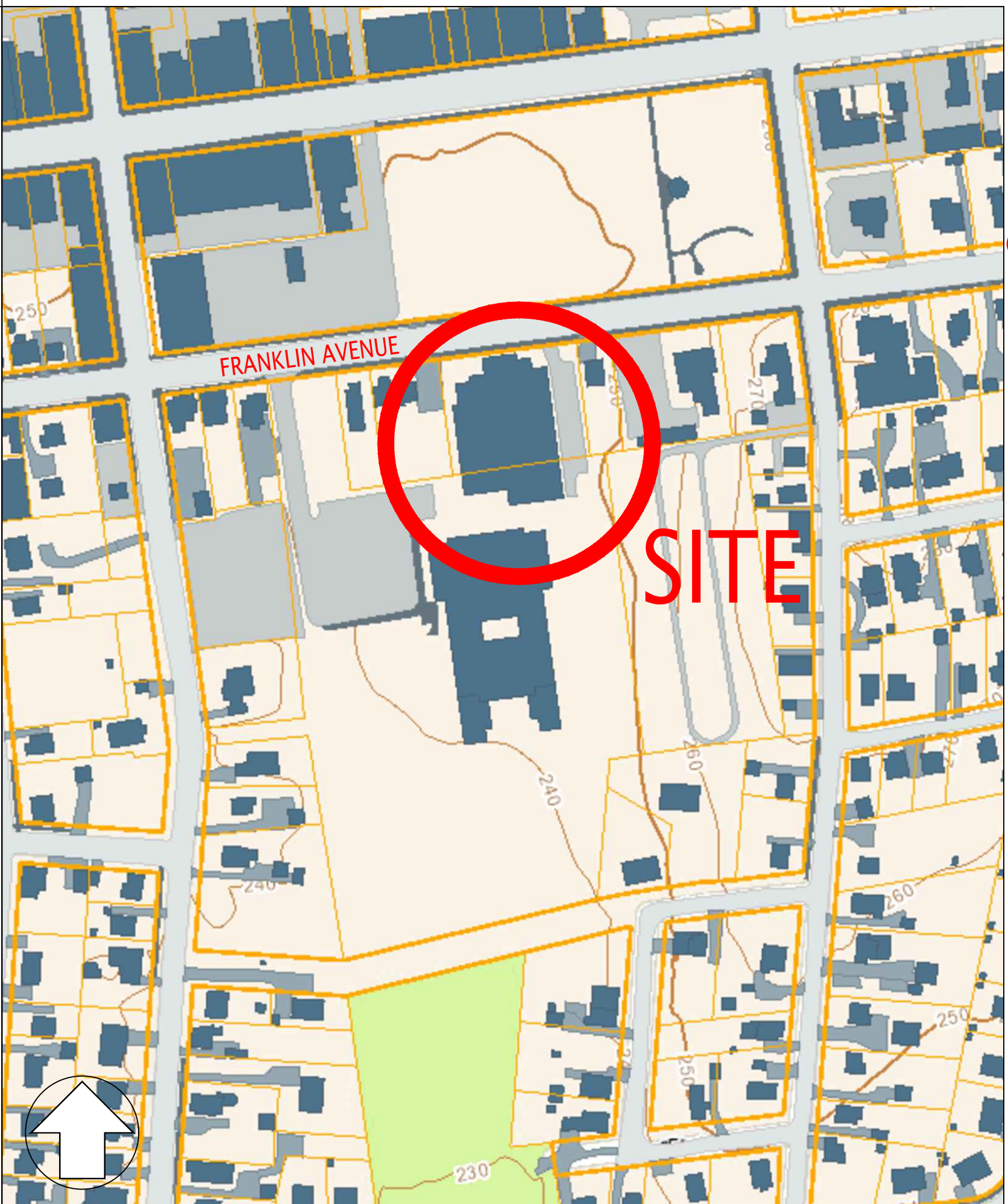
## WORK LOCATION PLAN



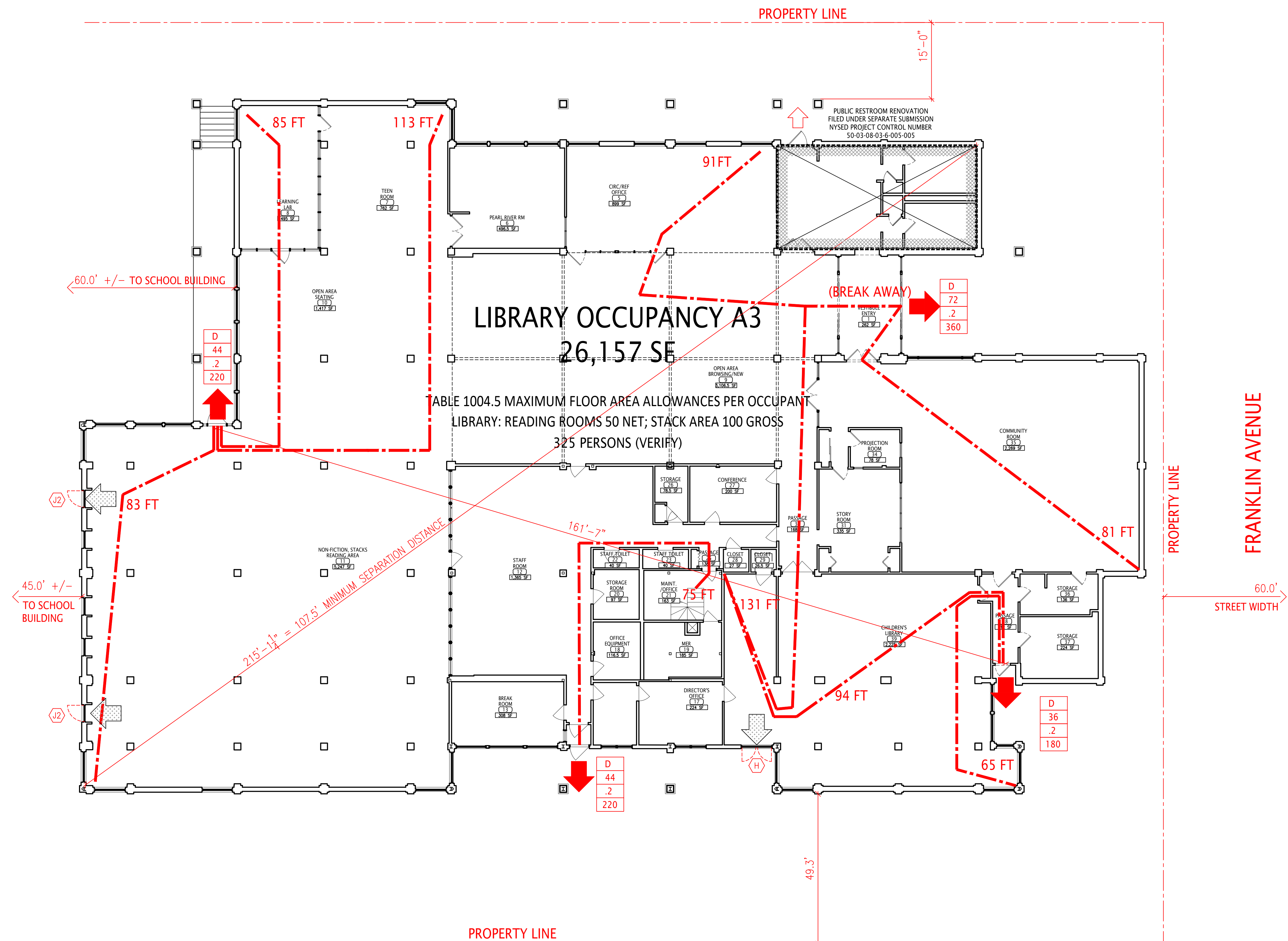
WORK AREA = BUILDING PERIMETER



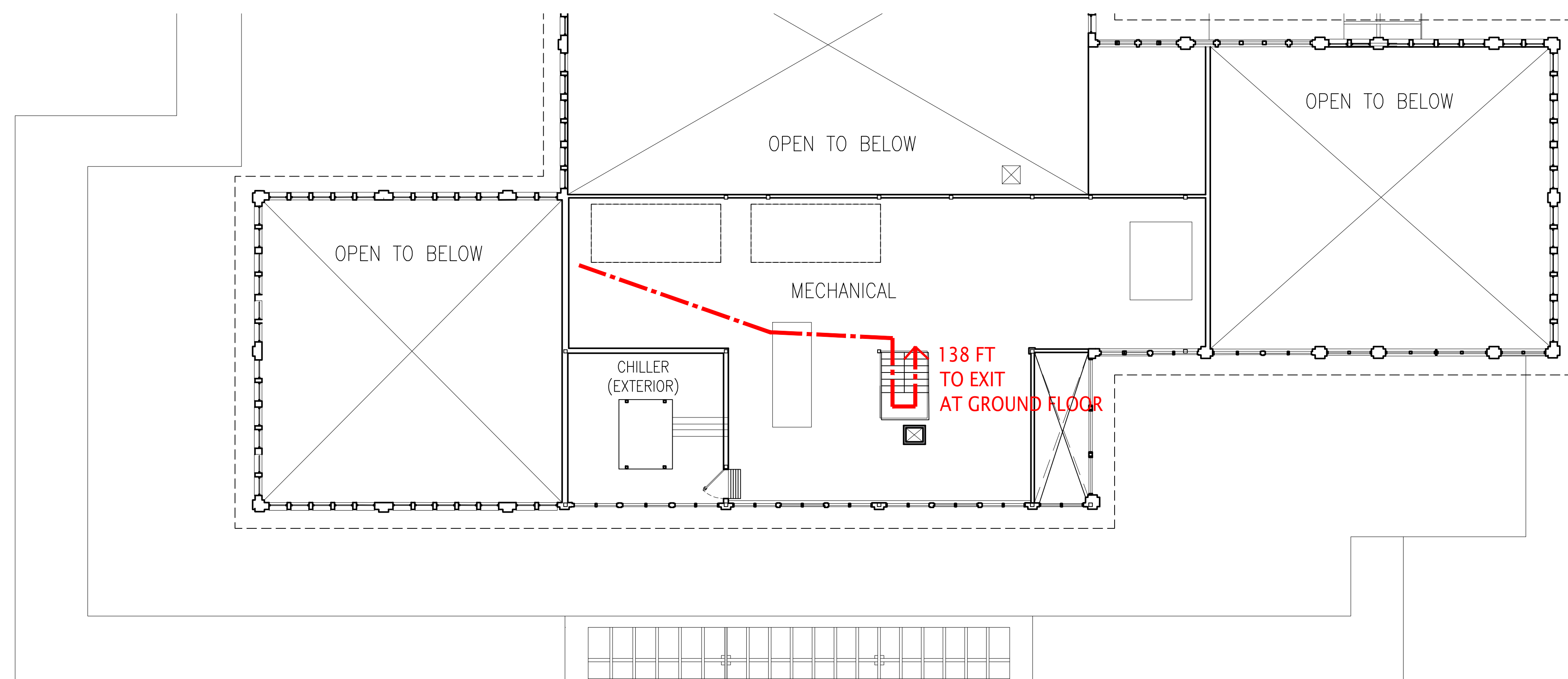
## VICINITY MAP

[illegible]

PEARL RIVER PUBLIC BUILDING CODE ANALYSIS									
GOVERNING BUILDING CODES									
2020 EXISTING BUILDING CODE OF NEW YORK STATE (EBCNYS)									
2020 NEW YORK STATE BUILDING CODE (BC)									
2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCC)									
2020 NEW YORK MECHANICAL CODE									
2020 NEW YORK FIRE CODE									
2020 NEW YORK STATE PLUMBING CODE									
NATIONAL ELECTRIC CODE (2017)									
2020 NEW YORK FUEL GAS CODE									
ADA, ANSL, ICC A117-1-2009									
THESE PLANS COMPLY WITH THE PROVISION OF TITLE III OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) PUBLIC LAW 101-336, FOR HANDICAPPED ACCESSIBILITY FOR CUSTOMER AND EMPLOYEES.									
EXISTING BUILDING CODE OF NEW YORK STATE (EBCNYS)									
SECTION 603.1		LEVEL 2 ALTERATION							
SECTION 301.3.2		WORK AREA COMPLIANCE METHOD							
NEW YORK STATE BUILDING CODE (BC)									
				EXISTING	PROPOSED				
BC 303.4	USE GROUP/OCCUPANCY			A-3	A-3			LIBRARY	
BC TABLE 601	CONSTRUCTION CLASSIFICATION			2A	2A			NON-COMBUSTIBLE	
	BUILDING AREA (SF)			26,157	26,157				
	BUILDING AREA TO BE RENOVATED (SF)				0				
	PERCENTAGE OF BUILDING AREA							0%	
	BUILDING HEIGHT (LF)			22'-0"	22'-0"				
	NUMBER OF STOREYS			2	2				
	CHANGE IN OCCUPANCY CLASS		N.A.						
FIRE RESISTANCE RATINGS									
BC TABLE 601	BUILDING ELEMENT				REQUIRED RATING			PROVIDED	
	STRUCTURAL FRAME				1			1	
	STRUCTURAL FRAME SUPPORTING ROOF ONLY				1			1	
	EXTERIOR BEARING WALLS				1			N.A.	
	INTERIOR BEARING WALLS				1			N.A.	
	ROOF CONSTRUCTION				0			0	
	FIRE WALL				2			2	
FIRE PROTECTION SYSTEMS									
					REQUIRED			PROVIDED	
	SPRINKLER		Not required as per EBCNYS 803.2.2		NO			NO	
	STAND PIPE		Not required as per EBCNYS 803.3		NO			NO	
	FIRE ALARM AND DETECTION				YES			YES	
MEANS OF EGRESS									
LENGTH OF TRAVEL					REQUIRED		PROPOSED		
BC 1016.1				MAXIMUM TRAVEL DISTANCE (FEET)	200		138		
OCCUPANCY LOAD									
BC SECTION 1004.1.2									
NUMBER OF EXITS		REQUIRED	3	NUMBER OF EXITS PROVIDED:		4			
AREA (SF)	OCCUPANCY TYPE		SF/ PERSON	OCC. LOAD					
2,697	BUSINESS		7	150					
1,135	ASSEMBLY - CONCENTRATED		15	162					
2,875	ASSEMBLY - UNCONCENTRATED		15	192					
4,004	STORAGE / MECHANICAL ROOMS		300	13					
4,421	READING ROOM		50	88					
9,116	STACKS		100	91					
24,156	TOTAL OCCUPIED AREA (SF)		TOTAL OCCUPANTS	564					
ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCC)									
TABLE C301.1		CLIMATE ZONE		5A					
TABLE C402.1.1		FENESTRATION THERMAL ENVELOPE MAXIMUM REQUIREMENT				U-FACTOR REQUIRED		PERIOD	
						0.7		0.096	









① EGRESS PLAN FLOOR 1  
3/32" = 1'-0"



② EGRESS PLAN FLOOR 2  
3/32" = 1'-0"

## GENERAL LEGEND


D/W	- EGRESS DOOR (D) OR WINDOW (W)
36	- EGRESS WIDTH
.2	- EGRESS WIDTH PER PERSON
240	- EXIT CAPACITY

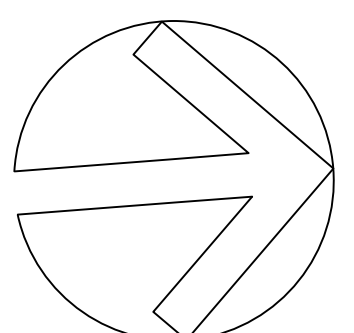
- |   |   |
|---|---|
|  | - EGRESS PATH   |
|  | - EXISTING EXIT INCLUDED IN EGRESS CALCULATION                          |
|  | - RESCUE WINDOWS NOT INCLUDED IN EGRESS CALCULATIONS                    |
|  | - EXISTING EXIT TO BE INFILLED - SEE PROJECT SED #50-03-08-03-6-005-006 |
|  | - CASEMENT RESCUE WINDOW. SEE WINDOW SCHEDULE ON SHEET A801             |
|  | - CASEMENT RESCUE WINDOW. SEE WINDOW SCHEDULE ON SHEET A801             |

one eighth inch = one foot

**Lothrop**  
**Associates Architects D.P.C.**  
333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115

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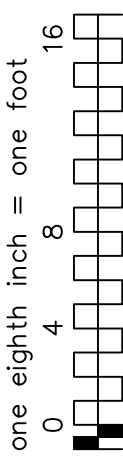
NY SED PROJECT CONTROL NO.  
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## EGRESS PLAN AND CODE ANALYSIS

PROJECT NO.:	2578-08
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DRAWING NO.:

A001



MATCH NEW WINDOW WIDTHS TO EXISTING WINDOWS WIDTHS AND INSTALL WINDOWS IN ROUGH OPENINGS.

# A101

		
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$$/8'' = 1'-0''$$

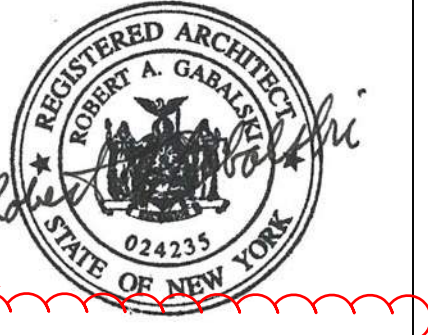
A102



RAISE WINDOW SILLS AS DETAILED AND INSTALL NEW WINDOWS, TRIM, FLASHING AND RELATED ELEMENTS.

MATCH NEW WINDOW WIDTHS TO EXISTING WINDOWS WIDTHS AND INSTALL WINDOWS IN ROUGH OPENINGS.

		
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PROJECT NO.:	2578-08	1/8" = 1'-0"
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A103



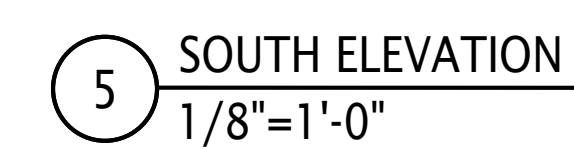
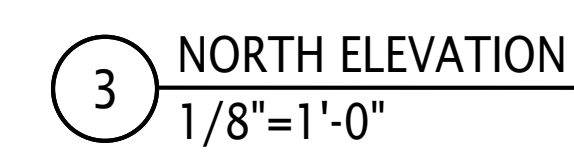
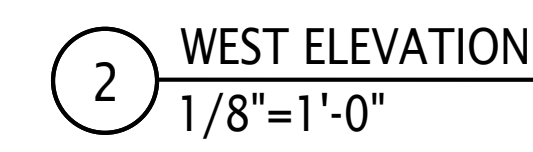
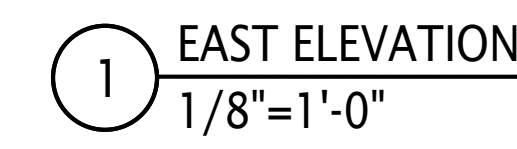
RAISE WINDOW SILLS AS DETAILED AND INSTALL NEW WINDOWS, TRIM, FLASHING AND RELATED ELEMENTS.

ATCH NEW WINDOW WIDTHS TO EXISTING WINDOWS WIDTHS AND INSTAL  
WINDOWS IN ROUGH OPENINGS.

one eighth inch = one foot



0 4 8 16



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## EXTERIOR ELEVATIONS

PROJECT NO.:	2578-08
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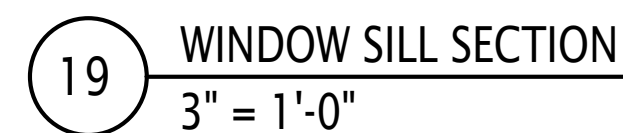
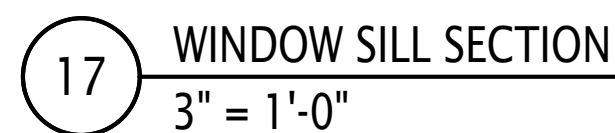
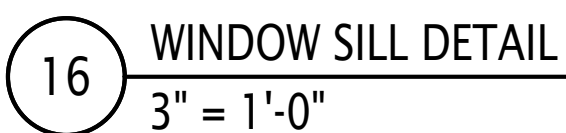
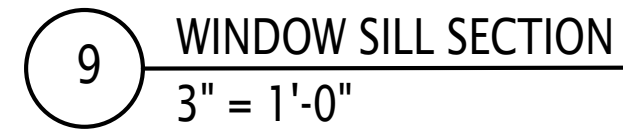
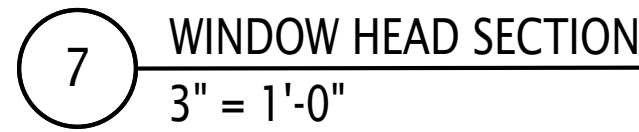
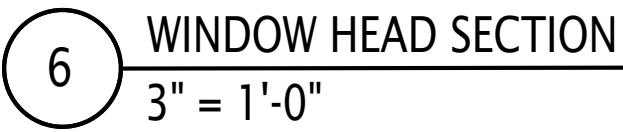
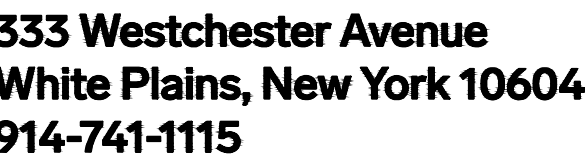
DRAWING NO.:


A201

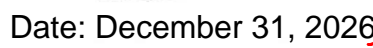
one eighth inch = one foot

0 4 8 16





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Y SED PROJECT CONTROL NO.  
3 - 08 - 03 - 6 - 005 - 007

PROJECT NO.:	2578-08
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DRAWING NO.:

A802

one eighth inch = one foot

0 4 8 16