

NAME OF PROJECT: THE TOWN OF BLOOMING GROVE - LASSER PARK SENIOR CENTER

ADDRESS: 49 STATION ROAD, SALISBURY MILLS, NY 12577

PROPOSED USE: ADULT EDUCATION

OWNER OR
AUTHORIZED AGENT: _____

OWNED BY: THE TOWN OF BLOOMING GROVE ☐ CITY/COUNTY ☐ PRIVATE

PHONE # _____

CODE ENFORCEMENT
JURISDICTION: ☐ CITY: _____ ☒ COUNTY: ORANGE ☐ STATE: NEW YORK

PLANS ARE FOR THE CONSTRUCTION OF A NEW PORCH AND DECK ON EXISTING MODULAR BUILDING AND FOUNDATION .

☒ NEW CONSTRUCTION ☐ EXISTING STRUCTURE ☐ TENANT IMPROVEMENT
☐ CHANGE OF OCCUPANCY ☐ ADDITION ☐ ALTERATION ☐ REPAIR

ALL WITH 2020 UNIFORM CODE
SUPPLEMENT AMENDMENTS

FIRE CODE OF NEW YORK STATE, 2020 (IFC 2018)
NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, 2020 (IECC 2018)
PLUMBING CODE OF NEW YORK STATE, 2020 (IBC 2018)
MECHANICAL CODE OF NEW YORK STATE, 2020 (IBC 2018)
FUEL GAS CODE OF NEW YORK STATE, 2020 (IBC 2018)
ANSI 117.1, 2009 (ADA)

FACTORY & INDUSTRIAL: ☐ F-1 ☐ F-2
 HIGH HAZARD: ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
 STORAGE: ☐ S-1 ☐ S-2 ☐ HIGH
 UTILITY AND MISC.: ☐ U PILED
 BUSINESS: ☒ B

INCIDENTAL USES: ☒ NO ☐ YES ☐ 509.2 ☐ 509.3 ☐ 509.4
(SECTION 509)

MIXED OCCUPANCY: ☒ NO ☐ YES
(SECTION 508)

NON-SEPARATED MIXED OCCUPANCY (SECTION 508.3)
 THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

☐ SEPARATED MIXED OCCUPANCY (SECTION 508.4)HAZARDOUS MATERIALS: ☒ NO ☐ YES

CONSTRUCTION TYPE: ☐ I-A ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☒ V-B
(CHAPTER 6)

MIXED CONSTRUCTION: ☐ YES ☒ NO TYPES: _____

FIRE SPRINKLERS: ☐ YES ☒ NO ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

MEZZANINE: ☒ N/A ☐ YES ☐ NO
(505.2)

	<u>REQUIRED:</u>		<u>NOTES:</u>
MEANS OF EGRESS ILLUMINATION: (SECTION 1008)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
EXIT SIGNS: (SECTION 1013.1)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
FIRE ALARM: (SECTION 907.2)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
SMOKE DETECTION SYSTEM: (SECTION 907)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
PANIC HARDWARE: (SECTION 1010.1.10)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
FIRE EXTINGUISHERS: (SECTION 906.1)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.
CARBON MONOXIDE DETECTION: (SECTION 915.1 IFC)	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N.A.

REQUIRED:		NOTES:
<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	

STORY NO.	OCC CLASS.	PROPOSED BLDG. AREA PER STORY (GROSS)	ALLOWABLE AREA PER STORY
			<input checked="" type="checkbox"/> NS <input type="checkbox"/> S1 <input type="checkbox"/> SM
FIRST FLOOR	B	5,995. SF	9,000 SF
BASEMENT	S-1	5,995. SF	9,000 SF

	PROPOSED	ALLOWABLE <input checked="" type="checkbox"/> NS <input type="checkbox"/> S	NOTES
BUILDING HT (FT)	+/- 16'-9"	40'-0"	TABLE 504.3
BUILDING HT (STORIES)	1 STORY	2 STORY	TABLE 504.4

AREA		FUNCTION OF SPACE	OCC. LOAD FACTOR (GROSS)	PROPOSED AREA (GROSS)	OCC. LOAD
	GROUND FLOOR	BUSINESS AREA	150	5,995, SF	170
	BASEMENT	STORAGE	300	5,995, SF	2
FIRST FLOOR TOTAL					

FLOOR, ROOM, OR SPACE DESIGNATION & OCC. LOAD	MINIMUM NUMBER OF EXITS ³		TRAVEL DISTANCE ^{2,4}				ARRANGEMENT MEANS OF EGRESS ⁵	
			COMMON PATH		TRAVEL DISTANCE		REQUIRED DISTANCE BETWEEN EXIT DOORS	PROPOSED DISTANCE
	REQUIRED	PROPOSED	ALLOWED	PROPOSED	ALLOWED	PROPOSED		
GROUND FLOOR - BASEMENT	1	-	75'	<75' REFER TO EGRESS PLAN	200'	186'	45'-3"	60'

¹ CORRIDOR DEAD ENDS (SECTION 1020.4)

² SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY (TABLE 1006.2.1), MULTIPLE EXITS (SECTION 1006)

³ COMMON PATH OF TRAVEL (TABLE 1006.2.1)

⁴ EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)

⁵ EXIT AND EXIT ACCESS DOORWAY CONFIGURATION (SECTION 1007)

FLOOR, ROOM OR SPACE DESIGNATION	OCC. LOAD	CAPACITY FACTOR REQUIRED PER OCC.	REQUIRED EXIT WIDTH	PROPOSED EXIT WIDTH (EACH)
GROUND FL	-	OTHER: 0.2" (27 X .2 = 5.4")	3'-8" CLEAR	>3'-8" CLEAR
BASEMENT	-	STAIR: 0.3" (27 X .3 = 8.1")	36" (INCL 4-1/2" PROJECTION EACH SIDE)	36"
	(14+12) 26	OTHER: 0.2" (41 X .2 = 8.2")	32" CLEAR	32" CLEAR

LIFE SAFETY PLAN SHEET #, IF PROVIDED: REFER TO EGRESS PLAN

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET) (PER PLAN)	RATING REQUIRED (TABLE 601 & 602)	NOTES OR UL RATING RATED ASSEMBLY
STRUCTURAL FRAME (INCLUDING COLUMNS, GIRDERS, TRUSSES)		0 HR	
BEARING WALLS			
EXTERIOR			
NORTH	10 < X < 30"	0 HR	
EAST	30' +	0 HR	
SOUTH	30' +	0 HR	
WEST	30' +	0 HR	
INTERIOR		0 HR	
NONBEARING WALLS & PARTITIONS INTERIOR		0 HR	
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0 HR	
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0 HR	
SHAFTS - EXIT (SECTION 713)		N/A	
CORRIDOR SEPARATION (TABLE 1020.1)		N/A	
OCCUPANCY SEPARATION (TABLE 508.4)		N/A	
FIRE WALL (SECTION 706)		N/A	
FIRE BARRIER (SECTION 707)		N/A	
FIRE PARTITION (SEC. 708)		N/A	
SMOKE BARRIER SEPARATION (SECTION 709)		N/A	
CONCEALED SPACES (SECTION 718) *		N/A	

- **INSTALL FIRE BLOCKING AND DRAFT STOPPING IN ACCORDANCE WITH SECTION 718**

CLIMATE ZONE 4 (NASSAU COUNTY, NY)				
TABLE C402.1.3 - INSULATION BY COMPONENT & TABLE C402.1.4 - ENVELOPE ASSEMBLY				
COMPONENT / ASSEMBLY	DESCRIPTION	REQUIRED	PROPOSED	NOTES
ROOF	ATTIC AND OTHER	N.A.	N.A.	(BY OTHERS)
WALLS / WOOD FRAMED	DORMER WALLS	N.A.	N.A.	(BY OTHERS)
WALLS	MASS WALLS	R-9.5 c.i.	R-9.75 c.i.	
WALLS	BELOW GRADE WALLS	R-7.5 c.i.	R-10 c.i.	
SLAB ON GRADE FLOORS	UNHEATED SLABS	R-10	R-10	24" BELOW GRADE
DOORS - SWINGING	SWINGING	U-0.61	U-0.61	

TABLE C402.4 - FENESTRATION		
VERTICAL FENESTRATION	<i>U - FACTOR</i>	
	REQUIRED	PROPOSED
FIXED FENESTRATION	U-0.38	U-0.38
OPERABLE FENESTRATION	U-0.45	U-0.45
ENTRANCE DOORS (NON OPAQUE)	U-0.77	N/A
SHGC (PF = PROJECTION FACTOR OF WINDOW OVERHANG)	<i>U - FACTOR</i>	
	REQUIRED	PROPOSED
PF < 0.2	U-0.36	N/A
0.2 ≤ PF < 0.5	U-0.43	U-0.38
PF ≥ 0.5	U-0.58	U-0.53

ALLOWABLE	PROPOSED	NOTES
< 30% OF GROSS ABOVE-GRADE WALL AREA	+/- 9%	1

1. EXCLUDES OPAQUE DOORS AND OPAQUE SPANDREL PANELS.

EXTERIOR WALL	FIRE SEPARATION DISTANCE (FEET) (PER PLAN)	ALLOWABLE AREA % (TABLE 705.8)		PROPOSED
		UNPROTECTED NON-SPRINKLERED	PROTECTED	
NORTH	15' TO LESS THAN 20'	NO LIMIT	NO LIMIT	NO LIMIT
EAST	30' OR GREATER	NO LIMIT	NO LIMIT	NO LIMIT
SOUTH	30' OR GREATER	NO LIMIT	NO LIMIT	NO LIMIT
WEST	30' OR GREATER	NO LIMIT	NO LIMIT	NO LIMIT

RATING WALL & CEILING:

INTERIOR WALL & CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.3)	GROUP	NON-SPRINKLERED	
		ALLOWED - ROOMS & ENCLOSED SPACES	PROPOSED
	U	NO RESTRICTIONS	NO RESTRICTIONS

INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84. SUCH INTERIOR FINISHES MATERIAL SHALL BE GROUP IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD INDEX.

1. CLASS A : FLAME SPREAD INDEX 0-25.
(VERTICAL EXITS & EXIT PASSAGEWAYS)
(EXIST ACCESS CORRIDOR & OTHER EXITWAYS)
2. CLASS B : FLAME SPREAD INDEX 26-75
3. CLASS C : FLAME SPREAD 76-200. (ROOMS & ENCLOSED SPACES)

AS THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THESE PLANS, I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NYS ENERGY CONSTRUCTION CODE.

ENTIRE BUILDING EXTERIOR ENVELOPE SHALL BE PROVIDED WITH AN AIR BARRIER COMPLYING WITH SECTION C402.5 OF THE 2020 NYSECC (WITH AMENDMENTS).

						UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.	
						PROJECT ENGINEER:	DRAWN BY:
						AE	DB
						DESIGNED BY:	CHECKED BY:
						BA	BA/WDM
NO.	DATE	REVISION			INT.		

TOWN OF BLOOMING GROVE		CONTRACT 2	PROJECT NO. 5708	DRAWING NO. A0
ORANGE COUNTY	NEW YORK		DATE: AUGUST 2023	
LASSER PARK SENIOR CENTER			SCALE: AS NOTED	
		CODE ANALYSIS		
		ARCHITECTURAL		