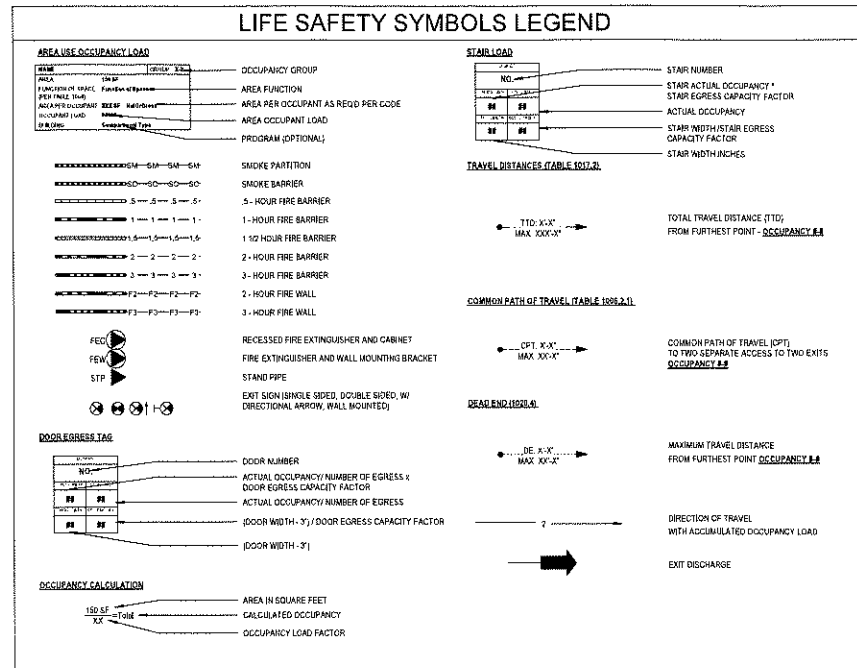


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**CODE NOTES:**

- R.I.B.C. (NFPA 101) 10.3.1.2 (a) - CORRIDOR WALLS SHALL NOT BE REQUIRED TO BE RATED, PROVIDED THAT SUCH WALLS FORM SMOKE PARTITIONS.
- SBC-1, 710.8 - THE SPACE AROUND DUCTS PENETRATING A SMOKE PARTITION SHALL BE FILLED WITH AN APPROVED MATERIAL TO LIMIT THE TRANSFER OF SMOKE.
- SBC-1, 710.8 - CLASS 1 STANDPIPES ARE REQUIRED PER IBC DUE TO THE BUILDING HEIGHT AND FIRE DEPARTMENT ACCESS WITH STANDPIPE DESIGN PER NFPA 14 PER IBC.
- NFPA 14, 5.4.1.1 ALLOWS THE USE OF GLASS MANUAL WET STANDPIPES IN NON-RISK RISE BUILDINGS (7-75 FT).
- NFPA 14, 7.2.1.2 ALLOWS THE USE OF MANUAL STANDPIPES WITH PRESSURE PROVIDED BY FIRE DEPARTMENT.
- R.I.B.C. 10.2.1.2 - (PROGRESSIVE) AND 1<sup>ST</sup> GRADE CLASSROOMS (NORMALLY OCCUPIED SPACES) ARE LOCATED ON THE 1<sup>ST</sup> FLOOR WHICH IS AT THE LEVEL OF EXIT DISCHARGE.
- R.I.B.C. 10.2.1.3 - 2<sup>ND</sup> GRADE CLASSROOMS (NORMALLY OCCUPIED SPACES) ARE LOCATED ON THE 1<sup>ST</sup> FLOOR WHICH IS AT THE LEVEL OF EXIT DISCHARGE.
- R.I.B.C. 10.2.1.4 - 2<sup>ND</sup> GRADE CLASSROOMS (NORMALLY OCCUPIED SPACES) AS DEFINED BY 10.2.1.2 AND 10.2.1.3 ARE NOT LOCATED ON OTHER LEVELS THEREFORE A DEDICATED MEANS OF EGRESS IS NOT REQUIRED.
- R.I.B.C. 3.3.8.1.1 - THE FIRST FLOOR HAS THE SMALLEST ELEVATION CHANGE TO THE FINISHED GROUND LEVEL AND IS THEREFORE AT THE LEVEL OF EXIT DISCHARGE AS DEFINED BY 3.3.8.1.2 AND 3.3.8.1.3.

**CODE INFORMATION**

DATE OF ORIGINAL CONSTRUCTION: 1930  
 DATE OF PREVIOUS ADDITIONS: N/A  
 DATE OF NEW CONSTRUCTION THIS CONTRACT: 2022

**1. USE GROUP CLASSIFICATION (CHAPTER 3)**  
 (MIXED USE NON SEPARATED PER IBC 2018 301.3)

- E - EDUCATIONAL
- B - BUSINESS
- A1 / A2 / A3 - ASSEMBLY

**2. CONSTRUCTION TYPE (CHAPTER 6)**

EXISTING TYPE: TYPE IIA  
 NEW TYPE: TYPE IIA

**3. BUILDING HEIGHT (CHAPTER 5)**

E - EDUCATIONAL USE GROUP TYPE IIA  
 ALLOWABLE HEIGHT: 85' / 4 STORIES  
 ACTUAL MAX HEIGHT: 45' - 1 / 4 STORIES

**4. BUILDING AREA (CHAPTER 5)**

BUILDING AREA (EACH FLOOR) (AREA CALCULATED FROM INSIDE FACE OF EXTERIOR WALLS, AREA INCLUDES HORIZONTAL PROJECTIONS)

FLOOR	EXISTING SF	NEW SF	TOTAL SF
GROUND FLOOR	20,919 SF	258 SF	21,177 SF
FIRST FLOOR	30,822 SF	445 SF	31,267 SF
SECOND FLOOR	28,244 SF	365 SF	28,609 SF
THIRD FLOOR	2,986 SF	341 SF	2,427 SF
TOTALS	82,971 SF	1,409 SF	84,380 SF

**5. ALLOWABLE FLOOR AREA - TABLE 506.2**

E - EDUCATIONAL USE GROUP TYPE IIA  
 E - SPRINKLERED MULTISTORY (A2) 70,500 SF (ALLOWABLE)  
 A) TOTAL FLOOR AREA (ALL STORIES)  
 GROUND FLOOR: 21,177 SF ≤ 70,500 SF  
 FIRST FLOOR: 31,267 SF ≤ 70,500 SF  
 SECOND FLOOR: 28,609 SF ≤ 70,500 SF  
 THIRD FLOOR: 2,427 SF ≤ 70,500 SF

**6. FIRE - RESISTANCE RATED REQUIREMENTS FOR BUILDING ELEMENT (HOURS)**

BUILDING ELEMENTS (TABLE 601)	TYPE IIA	REQUIRED	PROVIDED
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS TRUSSES	TYPE IIA	1 HRS	1 HRS
BEARING WALLS	TYPE IIA	1 HRS	1 HRS
EXTERIOR	TYPE IIA	1 HRS	1 HRS
INTERIOR	TYPE IIA	1 HRS	1 HRS
NONBEARING WALLS AND PARTITIONS (EXTERIOR) PER TABLE 602: X+30 + 0HR	TYPE IIA	0 HRS	0 HRS
NONBEARING WALLS AND PARTITIONS (INTERIOR)	TYPE IIA	0 HRS	0 HRS
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	TYPE IIA	1 HRS	1 HRS
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	TYPE IIA	1 HRS	1 HRS

**7. OCCUPANCY LOAD**

DESIGN TOTAL EACH FLOOR	1	2	3
DESIGN TOTAL EACH FLOOR	274 P	1038 P	620 P
TOTAL EXIT CAPACITY, EACH FLOOR	930 P	2950 P	1695 P
DESIGN TOTAL FOR BUILDING	1,989 P		
TOTAL EXIT CAPACITY FOR BUILDING	8,016 P		

**8. MODIFICATIONS**

1. Toilet Fixture Count

**9. ACCESSIBLE BUILDING**

DESIGNATED  NON-DESIGNATED

**10. SPRINKLER PROTECTION**

ENTIRE BUILDING  LIMITED AREA

**11. THRESHOLD LIMIT**

YES  NO IF YES, WHY? OVER 1000 OCCUPANTS

**BUILDING AREA - GROSS SF**

BUILDING AREA (EACH FLOOR) (AREA CALCULATED FROM OUTSIDE FACE OF EXTERIOR WALLS)

FLOOR	EXISTING SF	NEW SF	TOTAL SF
GROUND FLOOR	20,919 SF	258 SF	21,177 SF
FIRST FLOOR	30,822 SF	445 SF	31,267 SF
SECOND FLOOR	28,244 SF	365 SF	28,609 SF
THIRD FLOOR	2,986 SF	341 SF	2,427 SF
TOTALS	82,971 SF	1,409 SF	84,380 SF

1. NFPA 101, 2018, 10.3.1.2 (a) - CORRIDOR WALLS NOT REQ. TO BE RATED PROVIDED SUCH WALLS FORM SMOKE PARTITIONS.

**12. MINIMUM PLUMBING FIXTURE COUNT (I.P.C. CHAPTER 4)**

TABLE 2902.1 - MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

1. E EDUCATIONAL  
 1a. TOTAL OCCUPANT LOAD = 1364 OCCUPANTS  
 1b. TOTAL FEMALE OCCUPANT LOAD = 692 OCCUPANTS  
 1c. TOTAL MALE OCCUPANT LOAD = 692 OCCUPANTS

CLASSIFICATION: EDUCATIONAL

USE GROUP	WATER CLOSETS	LAVATORIES	UNISEX TOILET / LAV	DRINKING FOUNTAIN	SERVICE SINKS
E	F: 1 PER 50, M: 1 PER 50	F: 1 PER 50, M: 1 PER 50	N/A	1 PER 100	
TOTAL REQ'D	14	14	0	14	1
TOTAL PROVIDED	14	14	0	14	4

2. B BUSINESS  
 1a. TOTAL OCCUPANT LOAD = 122 OCCUPANTS  
 1b. TOTAL FEMALE OCCUPANT LOAD = 61 OCCUPANTS  
 1c. TOTAL MALE OCCUPANT LOAD = 61 OCCUPANTS

CLASSIFICATION: BUSINESS

USE GROUP	WATER CLOSETS	LAVATORIES	UNISEX TOILET / LAV	DRINKING FOUNTAIN	SERVICE SINKS
B	F: 1 PER 250, M: 1 PER 150	F: 1 PER 250, M: 1 PER 150	N/A	1 PER 100	
TOTAL REQ'D	3	2	0	1	1
TOTAL PROVIDED	3	3	0	1	1

2. A-2 ASSEMBLY  
 1a. TOTAL OCCUPANT LOAD = 195 OCCUPANTS  
 1b. TOTAL FEMALE OCCUPANT LOAD = 98 OCCUPANTS  
 1c. TOTAL MALE OCCUPANT LOAD = 98 OCCUPANTS

CLASSIFICATION: ASSEMBLY

USE GROUP	WATER CLOSETS	LAVATORIES	UNISEX TOILET / LAV	DRINKING FOUNTAIN	SERVICE SINKS
A-2	F: 1 PER 75, M: 1 PER 125	F: 1 PER 200, M: 1 PER 200	N/A	1 PER 500	
TOTAL REQ'D	2	2	0	1	1
TOTAL PROVIDED	2	2	0	1	1

3. A-1 / A-3 ASSEMBLY  
 1a. TOTAL OCCUPANT LOAD = 291 OCCUPANTS  
 1b. TOTAL FEMALE OCCUPANT LOAD = 146 OCCUPANTS  
 1c. TOTAL MALE OCCUPANT LOAD = 146 OCCUPANTS

CLASSIFICATION: ASSEMBLY

USE GROUP	WATER CLOSETS	LAVATORIES	UNISEX TOILET / LAV	DRINKING FOUNTAIN	SERVICE SINKS
A-3	F: 1 PER 65, M: 1 PER 125	F: 1 PER 200, M: 1 PER 200	N/A	1 PER 500	
TOTAL REQ'D	3	2	0	1	1
TOTAL PROVIDED	3	2	0	1	1

**TOTAL ALL USE GROUPS**

USE GROUP	WATER CLOSETS	LAVATORIES	UNISEX TOILET / LAV	DRINKING FOUNTAIN	SERVICE SINKS
E	14	14	0	14	1
B	3	2	0	1	1
A-2	2	2	0	1	1
A-3	3	2	0	1	1
TOTAL REQ'D	21	20	0	17	4
TOTAL PROVIDED	17	17	0	14	4

**13. CODES TO WHICH THIS PROJECT WAS DESIGNED**

- SBC-1 RHODE ISLAND STATE BUILDING CODE (IBC 2018)
- SBC-3 RHODE ISLAND STATE PLUMBING CODE (IPC 2018)
- SBC-4 RHODE ISLAND STATE MECHANICAL CODE (MCC 2018)
- SBC-5 RHODE ISLAND STATE ELECTRICAL CODE (NEC 2020)
- SBC-6 RHODE ISLAND STATE ENERGY CONSERVATION CODE (IECC 2018)
- SBC-19 RHODE ISLAND STATE FUEL GAS CODE (FGC 2018)
- RHODE ISLAND FIRE SAFETY CODE (LIFE SAFETY CODE NFPA 101, 2018)
- RHODE ISLAND FIRE ALARM CODE (NFPA 72, 2019)
- 2009 ICC / ANSI A117.1 ACCESSIBLE AND USABLE BUILDING AND FACILITIES

**14. FIRE STOPPING**

PROVIDE FIRE STOPPING AND SEALANT AT TOP OF WALLS AND AT ALL PENETRATIONS AS INDICATED ON THE CONSTRUCTION DRAWINGS, PROJECT SPECIFICATIONS AND AS REQUIRED BY CODE AND ACCORDING TO AUTHORITIES HAVING JURISDICTION.

ALL NEW INTERIOR FINISHES SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 603.11.

**15. FIREPROOFING**

REQUIRED AS INDICATED, REFER TO TABLE 601

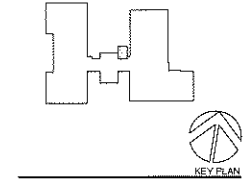
**16. ACCESSIBILITY REQUIREMENTS AT ALL DOOR OPENINGS**

REQUIRED - PROVIDING PROGRAM ACCESSIBILITY (2009 ICC ANS A117.1)

**17. STAIR AND SHAFT FIRE RATINGS**

ALL FIRE RATED STAIR ENCLOSURE AND SHAFT ENCLOSURE WALLS SHALL RUN CONTINUOUSLY FROM LOWEST SLAB ON GRADE UP TO THE UNDERSIDE OF THE ROOF DECK ABOVE UNINTERRUPTED BY THE FLOOR SLABS AT ALL OTHER LEVELS ABOVE UNLESS OTHERWISE NOTED.

No.	Description	Date
4	CD Addendum #1	06/28/22



**PERKINS EASTMAN**  
 225 Dyer St., 2nd Floor  
 Providence, RI 02903  
 P: +1 401 593 9086

**Owner:**  
 CITY OF PROVIDENCE  
 25 DORRANCE STREET  
 PROVIDENCE, RI 02903

**Owner's Project Manager:**  
 BOWNES CONSTRUCTION COMPANY  
 10 DORRANCE STREET  
 PROVIDENCE, RI 02903

**Design / Builder:**  
 AGOSTINI BACON CONSTRUCTION  
 241 NARRAGANSETT PARK DRIVE  
 EAST PROVIDENCE, RI 02916

**Structural:**  
 B+AC, LLC  
 214 ARLINGTON STREET  
 CHELSEA, MA 02150

**Mechanical, Electrical & Plumbing:**  
 CBTA  
 161 WORCESTER ROAD,  
 SUITE 305  
 FRAMINGHAM, MA 01701

**Civil / Site:**  
 BRYANT ASSOCIATES  
 640 GEO. WASHINGTON HWY #100  
 LINCOLN, RI 02883

**Architectural Consultant:**  
 CAVANAUGH TODCI ASSOCIATES, INC.  
 327 F. BOSTON POST ROAD  
 SUDBURY, MA 01176

**Food Service:**  
 SODEXO

PROJECT TITLE:  
**NARDUCCI LEARNING CENTER**

110 PAUL STREET, PROVIDENCE, RI 02904

PROJECT No: 90750  
 DRAWING TITLE:  
**CODE ANALYSIS AND INFORMATION**

SCALE: 1/16" = 1'-0"  
**G-010**  
 PERMIT SET  
 JUNE 14, 2022









