



NUFSD BOND PHASE 5 PROJECT- OEC BUILDING

- SED#50-01-08-03-0-002-020 (HIGHWAY ES)
- SED#50-01-08-03-7-001-002 (Maintenance)
- SED#50-01-08-03-7-012-004 (OEC)
- SED#50-01-08-03-0-001-026 (MILLER ES)
- SED#50-01-08-03-0-004-022 (BARR MS)

- Highview Elementary School
24 Highview Ave
Nanuet, NY 10954
- OEC Building
135 Convent Rd
Nanuet, NY 10954
- Maintenance Building
103 Church St.
Nanuet, NY 10954
- Miller Elementary School
50 Blauvelt Rd Unit
Nanuet, NY 10954
- A MacArthur Barr Middle School
143 Church St
Nanuet, NY 10954

KEY PLAN

REVISIONS		
No.	Description	Date
1	SED ADDENDUM #1	11/06/27

ISSUED: BID SET
 DATE: 06/21/2024
 SCALE: As indicated
 SHEET NAME:
 1ST FLOOR LIFE SAFETY PLAN

SHEET NUMBER:
OEC-G101

PROGRESS SET FOR REVIEW ONLY



AERIAL VIEW

BUILDING CODE REFERENCED

CHAPTER 8 INTERIOR FINISHES
 SED S203-2 (Limitations of Use of Interior Finishes)
 (S203-2A) Class A interior finishes shall be used in corridors and exits (exit enclosures, exit passageways, exterior exit stairs, exterior ramps and horizontal exits.) Class B is acceptable if these spaces have an approved NFPA sprinkler system.
 (S203-2B) Interior finishes in school construction shall be Class A, B OR C per the code with the following exceptions:
 1. Class C interior finishes shall not be used in school construction of more than three stories.
 2. Class A or B interior finishes shall be used in the following locations: places of assembly and stages, except wainscots not over 8 feet above floor be may be Class C. Class C is acceptable if the space has an approved NFPA sprinkler system.

BC SECTION 803 (Wall and Ceiling Finishes):
 Interior wall and ceiling finishes shall be classified in accordance with ASTM E84. Such interior finish materials shall be grouped in the following classes in accordance with their flame spread and smoke-developed indexes:
 CLASS A: Flame spread 0-25 Smoke-developed 0-450
 CLASS B: Flame spread 26-75 Smoke-developed 0-450
 CLASS C: Flame spread 76-200 Smoke-developed 0-450

BC SECTION 804 (Interior Floor Finish):
 Interior floor finish and floor covering materials to be of class I or II materials shall be classified in accordance with NFPA 253 as follows:
 CLASS I: 0.45 WATTS/CM2 OR GREATER
 CLASS II: 0.22 WATTS/CM2 OR GREATER

BC SECTION 808 (Acoustical Ceiling Systems):
 Suspended acoustical ceiling systems shall be installed in accordance with the provisions of ASTM C635 and ASTM C636.
CHAPTER 10 MEANS OF EGRESS
BC SECTION 1003.2 (Ceiling Height):
 The means of egress shall have a ceiling height of not less than 7'-6". Exceptions: stair headroom in accordance with section 1009.2.
BC SECTION 1003.3 (Protruding Objects):
 Protruding objects are permitted to extend below the minimum ceiling height required provided minimum headroom of 6'-8" shall be provided for any walking surface, including corridors. Not more than 50% of the ceiling area of a means of egress shall be reduced in height by protruding objects.
 (1003.3.3) Horizontal projections: structural elements, fixtures or furnishings shall not project horizontally from either side more than 4" over any walking surface between the heights of 2'-3" - 6'-8" above the walking surface.

BUILDING SUMMARY

Project Name: Nanuet Bond Projects, Phase 5
Address: 143 Church St, Nanuet, NY 10954
Usage: Educational
Owner Contact: Rudolph Villanyi Phone: 845-627-9882
Fire District: Nanuet Fire District
Fire Extinguishing System: No **Type:** N/A

Code Standards:
 Building Code of New York State (2020)
 State Department of Education (SED) Manual of Planning Standards (1998)

Building Information: Outside Educational Center

Existing Building:
Year: 1964 (Original)
Construction Type: II-B
Alteration Level: Level 2 Alteration
Occupancy: E - Educational
Stories: 1 w/ Basement
Existing Building Total Area: 6,733 SF
Fire Areas: Not Required Per Scope of Project
Room Use Designations: See Plans
Egress Information: Not Required Per Scope of Project
Rescue Windows: Not Required Per Scope of Project
Fire Resistive Requirements: Table 601BCNYS
Corridor Fire Resistance Rating: Per MPS & 2020 BCNYS- 1HR

LEGEND

- SMOKE ZONE PARTITION
- 1 HR RATED WALL
- - - 2 HR FIRE WALL
- TRAVEL PATH
- TRAVEL DISTANCE
- XX XXX OCCUPANCY LOAD PER EXIT
- XXX OCCUPANCY LOAD MAX PER DOOR (CLEAR WIDTH AT OPENINGS)
- RW RESCUE WINDOW
- FEC FIRE EXTINGUISHER CABINET
- EXIT SIGN
- NOT IN CONTRACT
- EE PROPOSED EMERGENCY EXIT ONLY

OCCUPANCY CLASSIFICATION

AREA	COMMENTS	GROUP E
6,733 SF		
BUILDING CONSTRUCTION TYPE : IIB		

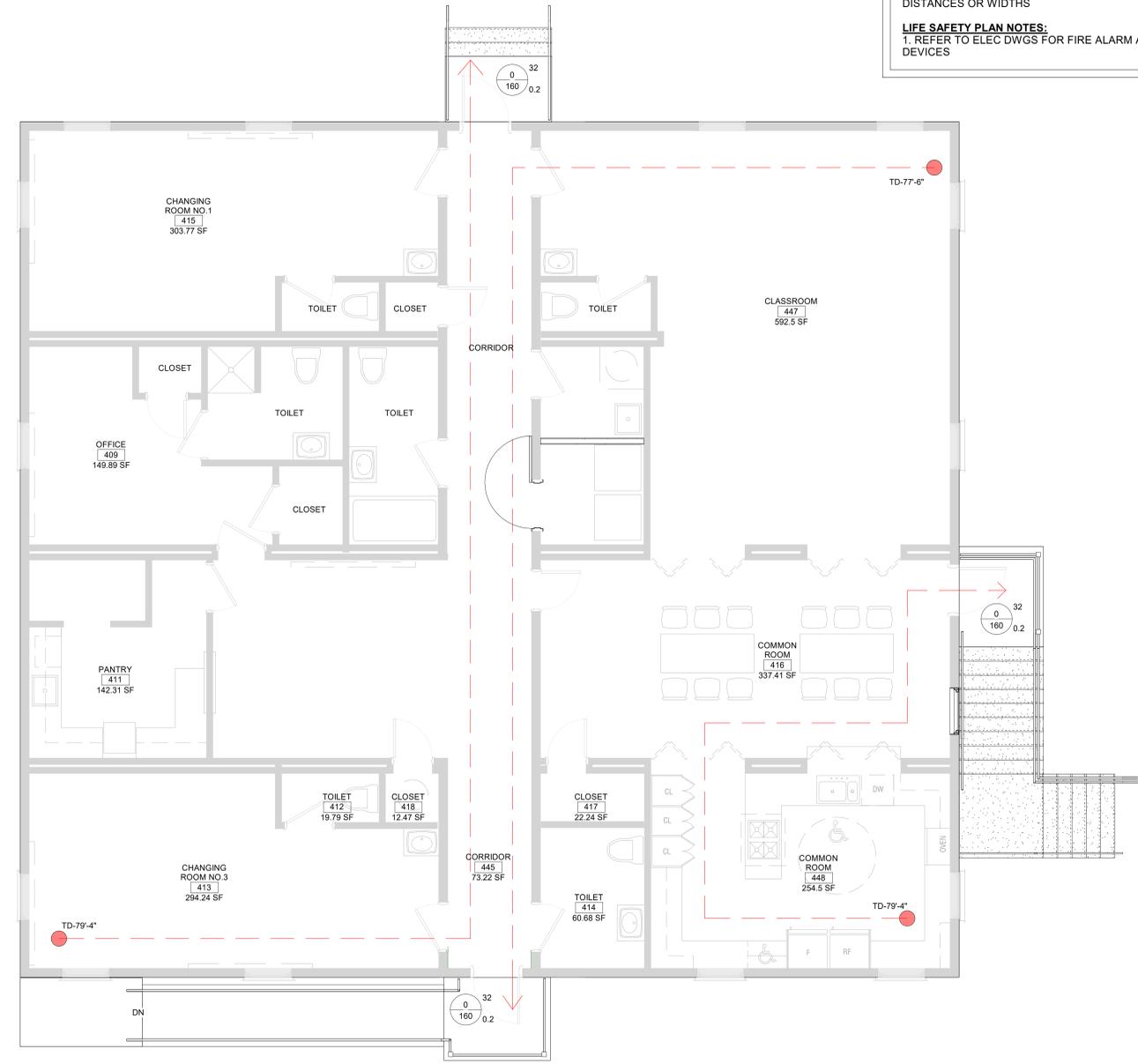
NOTE : OCCUPANCY CLASSIFICATION TAKE OFF'S ARE NET SF

BUILDING CODE ANALYSIS NOTES:
 THE CURRENT SCOPE OF THE PROJECT:
 1. DOES NOT INCREASE THE EXISTING OCCUPANCY
 2. DOES NOT ALTER EXISTING EGRESS TRAVEL PATHS, EXITS, DISTANCES OR WIDTHS

LIFE SAFETY PLAN NOTES:
 1. REFER TO ELEC DWGS FOR FIRE ALARM AND EMERGENCY DEVICES

OCCUPANT LOAD			
SPACE TYPE	SQFT	AREA/OCCUPANT	CALCULATED OCCUPANCY
BUSINESS AREA	150	150 SF	1
CHANGING ROOMS	600	50 SF	12
CLASSROOM	1185	20 SF	60
KITCHEN/PANTRY	142	200 SF	1
Grand total			74

EXISTING COMPLYING. EXISTING OCCUPANCY IS NOT INCREASED BY RENOVATIONS



FIRST FLOOR LIFE SAFETY PLAN
1/4" = 1'-0" A2