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AERIAL VIEW

BUILDING CODE REFERENCED

CHAPTER 8 INTERIOR FINISHES

<u>SED S203-2 (Limitations of Use of Interior Finishes)</u> (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. (\$203-2B) 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 Flame spread 26-75 Smoke-developed 0-450 CLASS C: Flame spread 76-200 Smoke-developed 0-450

CLASS II 0.22 WATTS/CM2 OR GREATER

CHAPTER 10 MEANS OF EGRESS

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. The classification referred to herein corresponds to the classifications determined by NFPA 253 as follows: CLASS I 0.45 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.

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 Code Standards:
Building Code of New York State (2020)

State Department of Education (SED) Manual of Planning Standards (1998) **<u>Building Information:</u>** Outside Educational Center Existing Building: Year: 1964 (Original)

Construction Type: II-B Alteration Level: Level 2 Alteration Occupany: 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

---- SMOKE ZONE PARTITION 1 HR RATED WALL

2 HR FIRE WALL

- - - - - - TRAVEL PATH

RW RESCUE WINDOW

FIRE EXTINGUISHER CABINET

NOT IN CONTRACT

AREA

BUILDING CONSTRUCTION TYPE: IIB

1. DOES NOT INCREASE THE EXISTING OCCUPANCY

CALCULATED OCCUPANCY AREA/OCCUPANT **BREAK ROOM** 50 SF **BUSINESS AREA**

Grand total

LEGEND

TD-XX'-X" TRAVEL DISTANCE OCCUPANCY LOAD PER EXIT
OCCUPANCY LOAD MAX PER DOOR (CLEAR WIDTH AT OPENINGS)

EXIT SIGN

PROPOSED EMERGENCY EXIT ONLY MEP Engineer

ARCHITECT

KSQ Design

Owner

NEW YORK OKLAHOMA

215 W 40th Street 15th Floor

Nanuet Union Free School District

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Environmental Engineer

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OCCUPANCY CLASSIFICATION

COMMENTS **GROUP E** 6,733 SF

Construction Manager NOTE: OCCUPANCY CLASSIFICATION TAKE OFF'S ARE NET SF One Penn Plaza 24th Floor, Suite 2400 New York, NY 10119

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160
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05A 9.42 SF

PROJECT NUMBER: 00000.00 COPYRIGHT © 2023 KSQ ARCHITECTS, PC

BUILDING CODE ANALYSIS NOTES: THE CURRENT SCOPE OF THE PROJECT:

TD-61'-8"

TOILET 03 37.71 SF OFFICE 02 238.88 SF

38.33 SF

223.62 SF

TD-120'-7"

TD-21'-9"

BREAK ROOM

105.84 SF

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

GARAGE 2779 100 SF

EXISTING COMPLYING. EXISTING OCCUPANCY IS NOT INCREASED BY RENOVATIONS

NANUET HS-MAINTENANCE

☐ SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
■ SED#50-01-08-03-7-007-002 (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 Unit1

A MacArthur Barr Middle School 143 Church St Nanuet, NY 10954

Nanuet, NY 10954

REVISIONS No. Description

1 SED ADDENDUM #1 ISSUED: BID SET

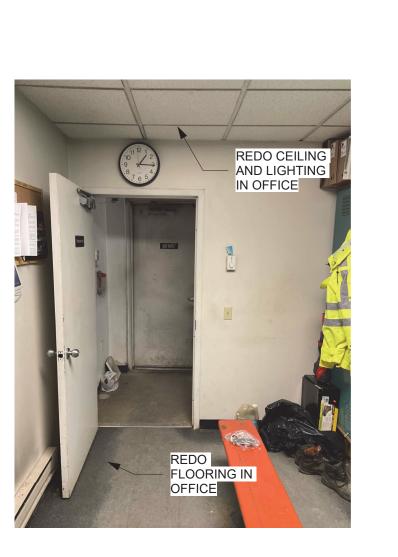
DATE: 06/21/2024 **SCALE:** As indicated SHEET NAME: LEVEL 1 LIFE SAFETY PLAN

SHEET NUMBER: MB-G101

1ST FLOOR LIFE SAFETY PLAN /

GARAGE 01 2,778.52 SF

REMOVE DAMAGED TRIM AROUND OPENING

















EXISITING CONDITIONS

N.T.S.

1

ARCHITECT

ksqdesig

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Owner

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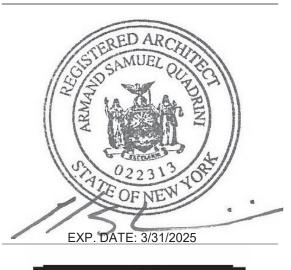
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KEY PLAN

REVISIONS

No. Description Date

ISSUED: BID SET

DATE: 06/21/2024

SCALE: 12" = 1'-0"

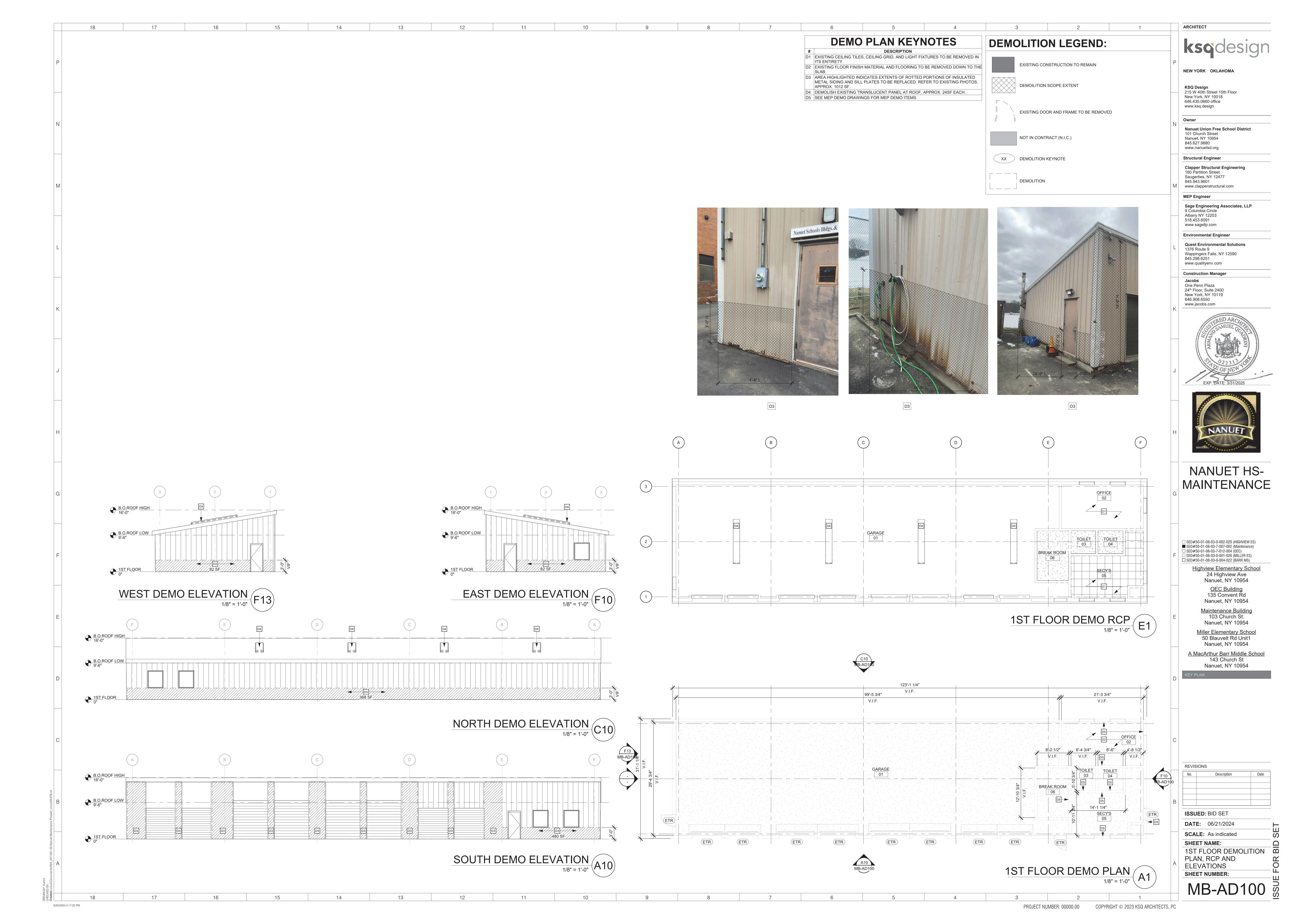
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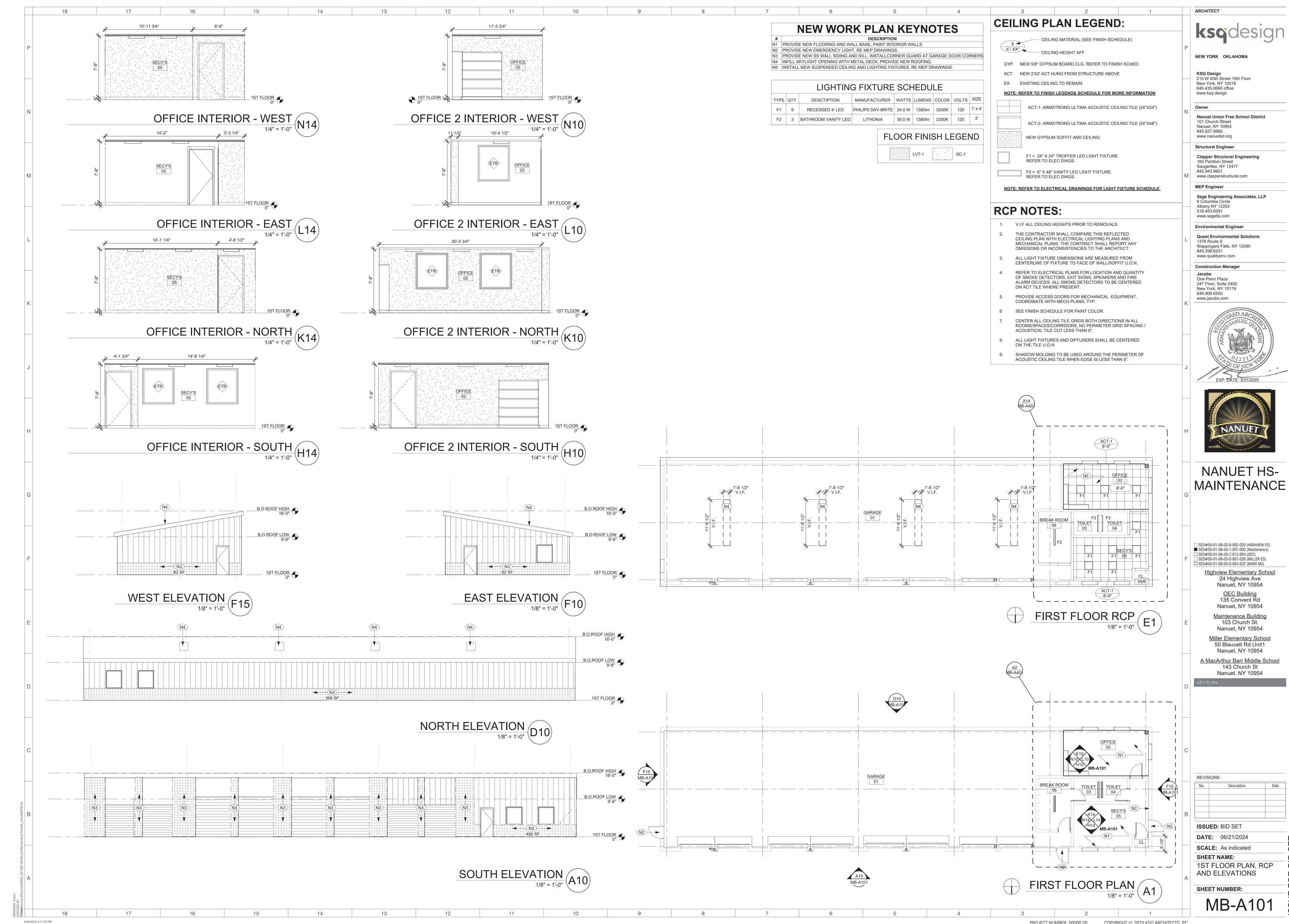
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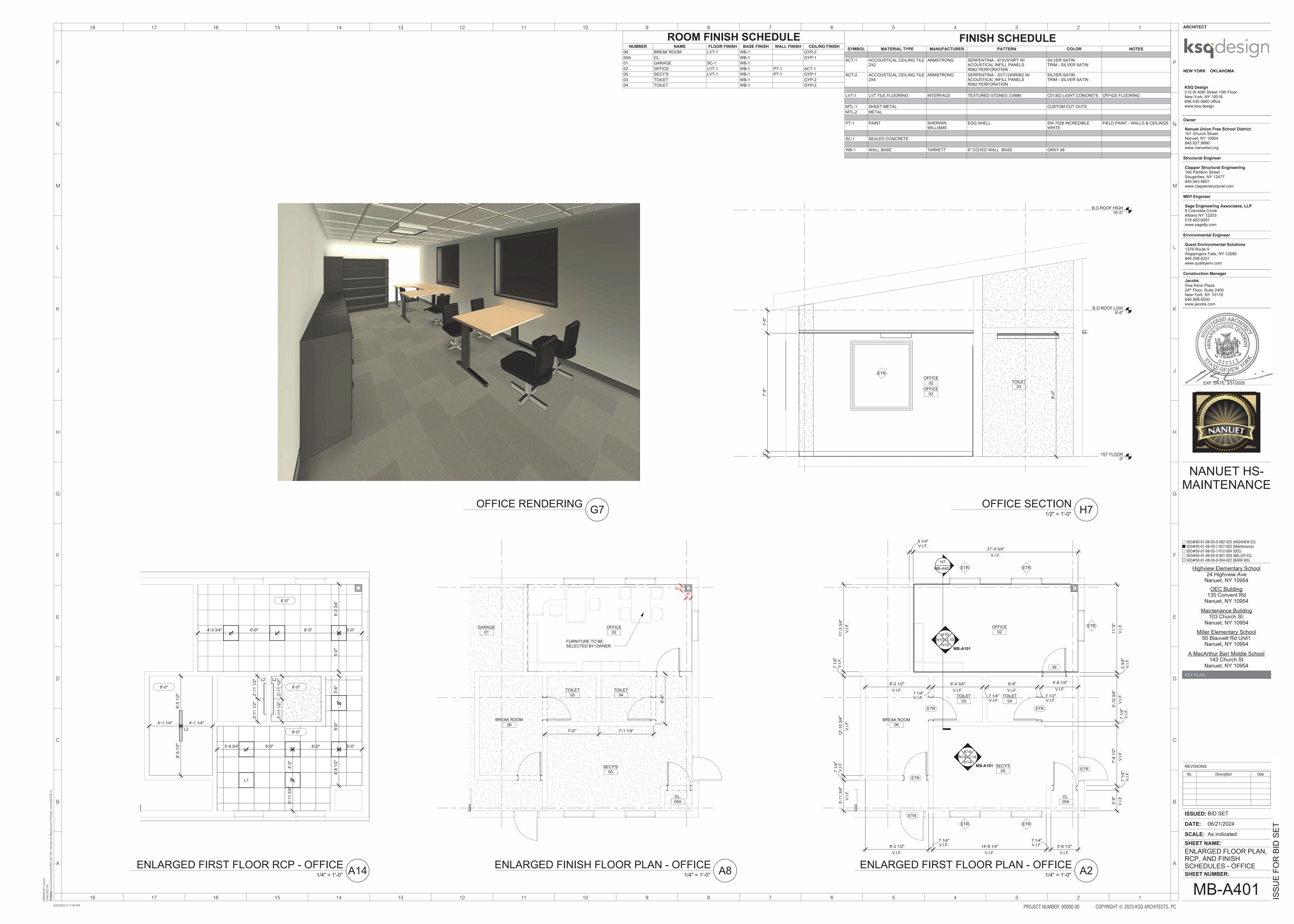
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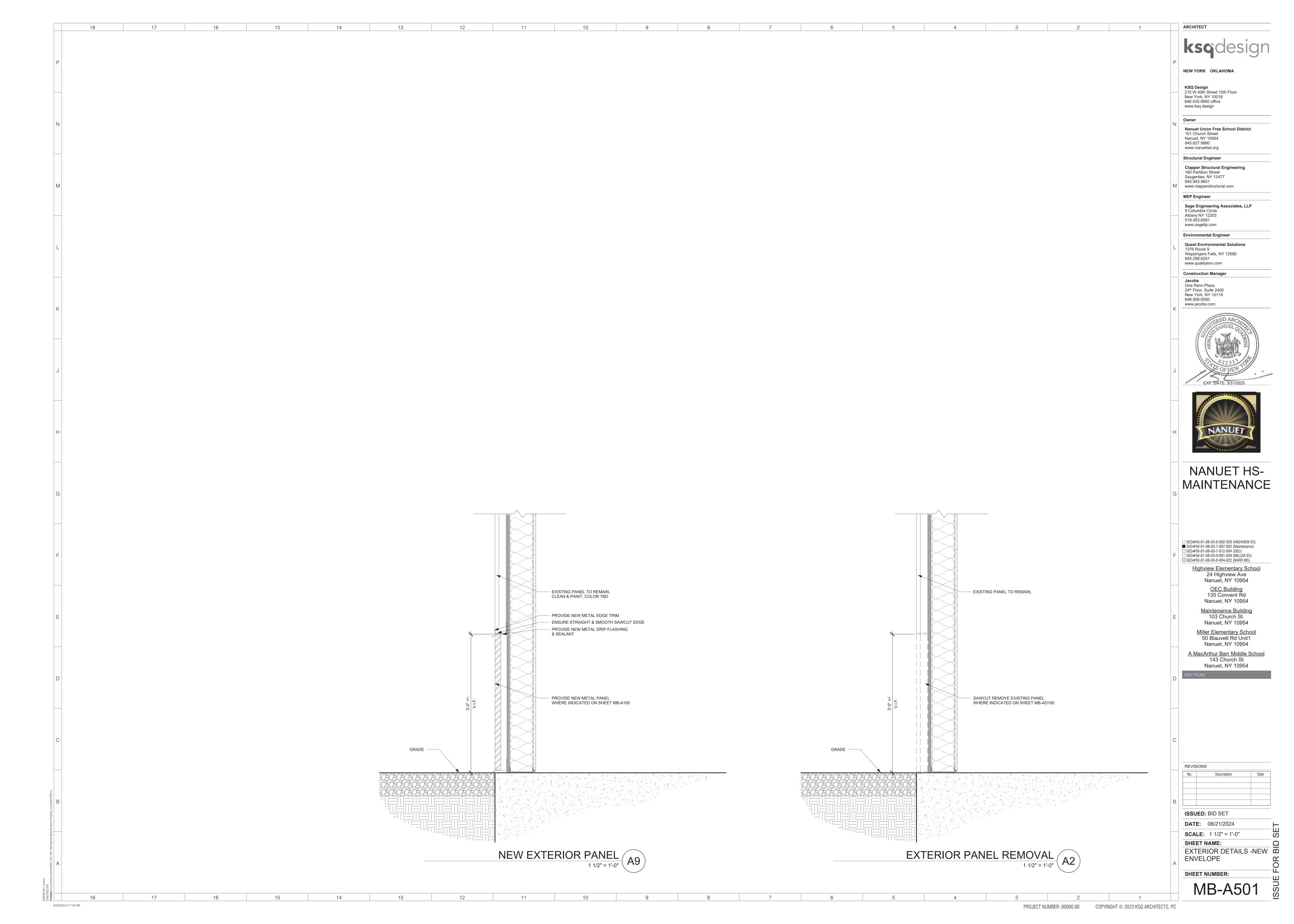
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OVERLAP ON ALL SIDES &
FASTEN NEW METAL INFILL
DECKING TO EXISTING
ROOF DECKING INSTALL FLASHING SEALANT AROUND ALL SIDES EXISTING METAL ROOF DECK NEW METAL ROOF DECK INFILL
 TO MATCH EXISTING ROOF, PROFILE
 MATERIAL, GAUGE & FINISH - V.I.F. EXISTING STRUCTURAL BEAM TO REMAIN APPLY MINIMUM R-38, FACED FIBERGLASS OR MINERAL WOOL INSULATION WITH INSULATION FASTENERS TO MATCH EXISTING, ADJACENT INSULATION - V.I.F. SKYLIGHT INFILL DETAIL

3/4" = 1'-0"

E2 — EXISTING METAL ROOF REMOVE SKYLIGHT 11'-6" L X 1'-8.5" W V.I.F. EXISTING STRUCTURAL BEAM TO REMAIN SKYLIGHT REMOVAL DETAIL

3/4" = 1'-0"

A2

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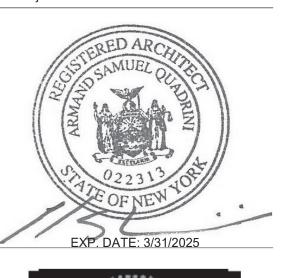
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1 SED ADDENDUM #1

2 SED ADDENDUM #2

ISSUED: BID SET

DATE: 06/21/2024 **SCALE**: 3/4" = 1'-0"

SHEET NAME: ROOF DETAILS -SKYLIGHT INFILL

SHEET NUMBER:

MB-A521