

## ADDENDUM #6

### Rye City School District

#### Osborn Elementary School

10 Osborn Road

Rye, NY 10580

**SED Number: #66-18-00-01-0-001-022 & #66-18-00-01-0-001-024**

#### Midland Elementary School

312 Midland Avenue

Rye, NY 10580

**SED Number: #66-18-00-01-0-003-024 & #66-18-00-01-0-003-026**

**Issued: 2021-09-03**

## PROJECT TEAM

#### Architects

##### **Geddis Architects**

71 Old Post Road, Suite 101

P.O. Box 1020

Southport, CT 06890

Phone: (203) 256-8700

##### **Fielding International**

91 Main Street, Suite 119

Warren, RI 02885

Phone: (401) 289-2789

#### Construction Manager

##### **Savin Engineers, PC**

3 Campus Drive

Pleasantville, NY 10570

Phone: (914) 769-3200

#### Structural Engineer

##### **Odeh Engineers**

1223 Mineral Spring Ave

North Providence, RI 02904

Phone: (401) 724-1771

#### Civil Engineer

##### **Weston & Sampson, PE, LS, LA, PC**

1 Winners Circle, Suite 130

Albany, NY 12205

Phone: (516) 463-4400

#### MEP Engineer

##### **Barile Gallagher & Associates**

##### **Consulting Engineers**

39 Marble Avenue, 2nd Floor

Pleasantville, NY 10570

Phone: (914) 328-6060

#### Acoustic Consultant

##### **DP Design**

12 Cold Spring Street

Providence, RI

401-861-3218

#### AV Consultant

##### **CAVANAUGH TOCCI**

327 F Boston Post Road

Sudbury, MA 01776

978-443-7871

#### Environmental

##### **Quest Environmental Solutions & Technologies, Inc.**

1376 Route 9

Wappingers Falls, NY 12590

845-298-6031

The work shall be carried out in accordance with the following supplemental instructions and in accordance with the Contract Documents.

**DRAWINGS:**

**OSBORN:**

1. A3-400, Ceiling Finishes Legend
  - a. Product number updated for CLG-1, CLG-5A, CLG-5B, CLG-5C, CLG-6A, CLG-6B, CLG-6C, CLG-7.

**MIDLAND:**

1. A3-400, Ceiling Finishes Legend
  - a. Product number updated for CLG-1, CLG-5A, CLG-5B, CLG-5C, CLG-6A, CLG-6B, CLG-6C.

**SPECIFICATIONS:**

**VOLUME 1:**

(no additional information at this time)

**VOLUME 2:**

Specification section 09 51 23 ACOUSTICAL TILE CEILINGS

- Updated section provided with product clarifications to match drawings.

**VOLUME 3:**

Specification section 09 51 23 ACOUSTICAL TILE CEILINGS

- Updated section provided with product clarifications to match drawings.

**CLARIFICATIONS:**

**RFIs:**

1. **Question:** The ceiling tile 3's that are specified work with a 9/16" grid system. However the specifications and the A3-400 sheet call out 15/16" grid system. Is a 9/16" grid system or 15/16" system required? Please advise.

**Answer:** The grid system is required to be 15/16". An updated ceiling legend and specifications will be provided in Addendum 6.

**This Addendum No. 6 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.**

2. **Question:** Spec section #274115(1.3)(D)(5 thru 8) under Scope of Work state that relative to providing the Hearing Loop System the contractor is to "coordinate with the Electrical Contractor, the Owner's AudioVisual Systems Contractor, the Owner's Facilities Department and the Owner's AudioVisual Personnel"; who is the Contractor and which Contract is responsible for providing this System as part of the bid?

**Answer:** The Electrical Contractor is responsible for hiring a qualified sub to install the in-floor copper wire loop up to the point of connection to the head end devices. Assisted Listening Systems within projects currently under construction are being supplied and installed by Metro Sound Pros <https://metrosoundpros.com>. Additional qualified local installers can be supplied upon request.

3. **Question:** Sub-section (E) of this Spec section also states that work NOT included is "Telephone or Data System cabling, Cable TV System cabling and Audio Visual Systems"; doesn't this language direct that the Audio Visual System is provided by others?

**Answer:** The Owner's contractor Edutek <https://www.edutekltd.com/#Home> is supplying and installing the AudioVisual systems, EXCEPT for the hearing loop wire, as indicated above.

4. **Question:** Spec section #274116 (1.3)(B)(5 thru 11) states that the Contractor, whomever that is supposed to be, is to "coordinate with the Electrical Contractor, the Lighting Contractor, the Fire Alarm System Contractor, the Tele/Data Contractor and other Low Voltage Contractors, the Owner's Audio-Visual Personnel and the Owner's IT Department and installers"; who is the Contractor and which Contract is responsible for providing this System as part of the bid?

**Answer:** The project EC is providing the built-in hardware, e.g., projector mounts and video display backboxes, and ceiling racks. The Owner's contractor, Edutek, is supplying and installing the AV components.

5. **Question:** See attached files for the Substitution Request Form and Substitution Package for DELTA®-VENT SA.

**Answer:** The project specifications require a permanent UV exposure under open joint cladding. The substitution, Delta-Vent is not intended for permanent UV exposure.

6. **Question:** I am reaching out regarding the specified KnightWall support-framing and whether comparable substitutes would be allowable for this scope; we work directly with SFS and supply their thermally broken Nvelope NV1 adjustable sub-framing system behind our panel rails whenever we see adjustable thermal performance specified. Many installers prefer the Nvelope because it provides the benefit of a truly

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adjustable system that doesn't use fixed pre-punched attachment points which can limit small adjustments in and out to plumb the wall. We've had great success with them. I'm attaching our Universe 7000 with EQUITONE system details on vertical Nvelope NV1 for you review. This is what we would propose for Rye School as it provides the same two layer thermally broken system you have detailed and is designed to work with the specific attachment requirements of the EQUITONE material. I'm happy to send shop drawings from completed projects with this system as well if you'd like to reference those.

**Answer:** Yes, the vertical Nvelope NV1 system is an acceptable substitute for the KnightRail system. Please pay particular attention to the distances that the panels are off-set from the wall, and note that the rails and supports should be painted black so as to be hidden behind the open joints.

7. **Question:** We respectfully submit for your consideration a request to approve products as an accepted substitute on Osborn and Midland School Renovations (21-615404); please find substitution request form attached. With over 30 years of experience, Scranton Products is the industry leader in plastic (HDPE) bathroom partitions and lockers. Constructed from premium, American-made solid plastic, our products resist dents, scratches, corrosion, graffiti and mildew. More information regarding the benefits of our products as well as technical data sheets and MSDS forms for the appropriate product(s), confirming performance as specified, can be reviewed via the links below:

- [Duralife HDPE vs. Metal Comparison](#); [Privacy and Health Barriers](#); [Health Product Declaration - Duralife](#); [Duralife Specifications](#); [Duralife Locker Brochure](#); [Scranton Products LEED Points](#); [Warranty](#)

**Answer:** HDPE plastic lockers are not an acceptable substitute to the Plastic Laminate Clad Lockers specified. The proposed substitute lockers do not provide the configurations and finishes as drawn and specified.

## SECTION 09 51 23

### ACOUSTICAL TILE CEILINGS

#### PART 1 - GENERAL

##### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

##### 1.2 DESCRIPTION OF WORK

- A. The work of this section includes, but is not limited to, acoustical ceiling systems including suspension systems as specified and as detailed on the Drawings.

##### 1.3 RELATED WORK

- A. Examine Contract Documents for requirements that affect Work of this Section. Other Specification Sections that directly relate to Work of this Section include, but are not limited to:
  - 1. Section 09 21 16, Gypsum Drywall; drywall ceilings and soffits.
  - 2. Section 09 81 29, Sprayed Acoustic Insulation; sprayed acoustical ceiling treatment.
  - 3. Division 21 – Fire Suppression, sprinklers located in ceilings.
  - 4. Division 23 - HVAC; grilles, and diffusers located in ceilings.
  - 5. Division 26 - Electrical; light fixtures and alarm system components located in ceilings.
  - 6. Division 27 - Communications, audio-visual equipment located in ceilings.

##### 1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's product data, installation instructions, use limitations and recommendations for each material used. Provide certifications stating that materials comply with requirements.
- B. Verification Samples: Submit representative samples of each material that is to be exposed in the finished work, showing the full range of color and finish variations expected. Provide samples having minimum area of 144 square inches.
- C. Test Reports: Submit certified reports for tests required.
- D. Coordination Drawings: Provide drawings indicating all items of all trades to be installed in ceiling systems and showing required clearances and closures.

##### 1.5 QUALITY ASSURANCE

- A. Source: For each type of material required for the work of this section, provide primary materials which are the products of one manufacturer. Provide secondary materials which are acceptable to the manufacturers of the primary materials.

#### 1.6 TESTS

- A. Fire-Resistance: Where fire-resistance ratings are indicated or required by authorities having jurisdiction, provide materials and construction which are identical to assemblies whose fire-resistance rating has been tested in compliance with ASTM E119 by independent agencies acceptable to the Architect and authorities having jurisdiction.
- B. Burning Characteristics: Provide materials whose surface burning characteristics, when tested in compliance with ASTM E84 are Class A or Class 1.

#### 1.7 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials and products in unopened factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage, moisture and direct sunlight. Sequence deliveries to avoid delays, but minimize on-site storage.

#### 1.8 PROJECT CONDITIONS, SEQUENCING AND SCHEDULING

- A. Environment: Perform work only when conditions are within the limits established by manufacturers of the materials and products used.
- B. Conference: Convene a pre-installation conference to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work.
  - 1. Proceed with installation of ceiling tiles and panels only when construction above ceilings and penetrating work is complete.
  - 2. Perform work of this section to coordinate with the layout of light fixtures, HVAC equipment and fixtures, fire suppression system components and all other related work. In general, every penetration shall occur at the center of a ceiling tile or panel.

#### 1.9 EXTRA MATERIAL

- A. Provide packaged, wrapped and labeled maintenance stock equal to 2% of the actual quantity installed for the following items of work:
  - 1. Each type of ceiling tile and panel.
  - 2. Each type of suspension system component.

### PART 2 - PRODUCTS

## 2.1 MANUFACTURERS

- A. **Available Manufacturers:** Basis of Design is indicated with products of Armstrong World Industries for ceiling tile types, finish and configuration. Systems utilize Techzone features for integration and compatibility with lighting and mechanical features. Custom colors are required. Equivalent products by listed manufacturers the following may also be considered subject to approval of the Architect. Subject to compliance with requirements, manufacturers offering products that may be incorporated in the Work include, but are not limited to, the following:
1. Armstrong World Industries, Inc.
  2. USG Interiors, Inc.
  3. Certainteed.

## 2.2 SUSPENDED ACOUSTICAL CEILINGS

- A. **CLG-1, Basis of Design:** Armstrong Optima 2 x 2 Square Lay-In 1" fiberglass ceiling tiles, White. Tile properties
1. Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.
  2. NRC: 0.95
  3. Light reflectance: 0.90
  4. Humidity and sag resistant.
  5. Washable surface.
  6. Mold/mildew resistant.
  7. Formaldehyde free.
  8. Greenguard Gold Certified for emissions.
- B. **CLG-5A, 5B, 5C: Basis of Design:** Armstrong Lyra PB Square Lay-In 1" fiberglass ceiling tiles with acoustically transparent membrane with latex finish. ASTM E1264 Classification Type XII, Form 2. 2' x 4' (5A), 2' x 2' (5B), and 4" techzone (5C) sizes. Color SW6716. Tile properties:
1. Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.
  2. NRC: 0.95
  3. Humidity and sag resistant.
  4. Washable surface.
  5. Mold/mildew resistant.
  6. Formaldehyde free.
  7. Greenguard Gold Certified for emissions.
- C. **CLG-6A, 6B, 6C: Basis of Design:** Armstrong Lyra PB Square Lay-In 1" fiberglass ceiling tiles with acoustically transparent membrane with latex finish. ASTM E1264 Classification Type XII, Form 2. 2' x 4' (6A), 2' x 2' (6B), and 4" techzone (6C) sizes. Color SW6780. Tile properties:
1. Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.

2. **NRC: 0.95**
3. **Humidity and sag resistant.**
4. **Washable surface.**
5. **Mold/mildew resistant.**
6. **Formaldehyde free.**
7. **Greenguard Gold Certified for emissions.**

**D. CLG-7: Basis of Design: Armstrong Lyra PB Square Lay-In 1" fiberglass ceiling tiles with acoustically transparent membrane with latex finish. ASTM E1264 Classification Type XII, Form 2. 4" techzone (6C) sizes. Color White. Tile properties:**

1. **Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.**
2. **NRC: 0.95**
3. **Humidity and sag resistant.**
4. **Washable surface.**
5. **Mold/mildew resistant.**
6. **Formaldehyde free.**
7. **Greenguard Gold Certified for emissions.**
6. **Light reflectance: 0.90**

### 2.3 SUSPENSION SYSTEMS

- A. **Basis of Design: Armstrong Prelude 15/16" White. Equivalent products by the following may also be considered subject to approval of the Architect:**
  1. Cetainteed
  2. USG
- B. **Suspension Systems: Provide suspension systems complying with requirements of ASTM C635 for Heavy Duty Systems. Provide suspension system to suit ceiling tiles specified. Provide lay-in suspension systems with 100% accessibility. Locate accessible tiles where required or field directed for access to controls, valves and equipment.**
- C. **Attachment Devices: Provide and size for 5 times design load indicated in ASTM C635, Table 1, direct hung.**
- D. **Moldings and Trim: Provide perimeter edge trim and fascia trim profiles as shown on Drawings to suit edge conditions, panel profile and penetrations. Provide custom fabricated work as necessary to provide exact fit.**
- E. **Basis of Design for Fascia Trim: Armstrong Axiom Classic, Blizzard White. Equivalent products by the following may also be considered subject to approval of the Architect:**
  1. Cetainteed Terminus
  2. USG 8" Edge Trim

## PART 3 - EXECUTION

### 3.1 INSPECTION

- A. The Installer shall examine substrates, supports, and conditions under which this work is to be performed and notify Contractor, in writing, of conditions detrimental to the proper completion of the work. Do not proceed with work until unsatisfactory conditions are corrected. Beginning work means Installer accepts substrates and conditions.

### 3.2 PREPARATION & INSTALLATION

- A. General Requirement: Strictly comply with manufacturer's instructions and recommendations, except where more restrictive requirements are specified in this section.
- B. Coordination: Coordinate installation with other work to ensure proper location of related work such as light fixtures, mechanical fixtures, fire protection systems and the like.
- C. Layout: Measure each area and layout ceilings to balance panel widths on opposite edges of each ceiling in both directions unless otherwise noted. Avoid use of less than 1/2 width ceiling units wherever possible.
- D. Suspension Installation: Erect suspension system supported only from building structure. Level main suspension members to within tolerance of 1/8" in 12'. Splay hangers where necessary and countersplay to balance resulting horizontal forces. Cross brace suspension to prevent lateral sway and displacement during full seismic load prescribed by code.
- E. Edge Moldings and Trim: Provide edge moldings at entire perimeter of ceiling, at columns, and wherever necessary to conceal edges of acoustical units. Miter corners of edge moldings accurately and connect securely.
  - 1. Do not use exposed fasteners nor pop rivets.
  - 2. Sealing: Provide a continuous bead of exposed acoustical sealant, specified in Section 07 92 00 - Joint Sealants, between edge moldings and walls.
- F. Ceiling Panel Installation: Use clean white gloves when handling ceiling materials. Install ceiling panels in coordination with suspension system. Scribe and cut panels to fit accurately.
  - 1. Orientation: Lay panels with grain [if any] running in one direction throughout the project.
  - 2. Square Edge: Field cut and paint edges of tiles cut in field to produce painted edge at all tile.

### 3.3 ADJUSTING, TOUCH-UP, CLEANING

- A. Adjust panels so that ceilings are in one plane and look uniform with no individual panels too high or too low.

- B. Touch-up damaged suspension system coatings and finishes and repair minor damage to eliminate all evidence of repair. Remove and replace work which cannot be satisfactorily repaired.
- C. Clean exposed surfaces using materials and methods recommended by manufacturer of material or product being cleaned. Remove and replace work that cannot be successfully cleaned.

END OF SECTION

## SECTION 09 51 23

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### PART 2 - PRODUCTS

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## 2.2 SUSPENDED ACOUSTICAL CEILINGS

- A. **CLG-1, Basis of Design:** Armstrong Optima 2 x 2 Square Lay-In 1" fiberglass ceiling tiles, White. Tile properties
1. Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.
  2. NRC: 0.95
  3. Light reflectance: 0.90
  4. Humidity and sag resistant.
  5. Washable surface.
  6. Mold/mildew resistant.
  7. Formaldehyde free.
  8. Greenguard Gold Certified for emissions.
- B. **CLG-5A, 5B, 5C: Basis of Design:** Armstrong Lyra PB Square Lay-In 1" fiberglass ceiling tiles with acoustically transparent membrane with latex finish. ASTM E1264 Classification Type XII, Form 2. 2' x 4' (5A), 2' x 2' (5B), and 4" techzone (5C) sizes. Color SW6716. Tile properties:
1. Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.
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- C. **CLG-6A, 6B, 6C: Basis of Design:** Armstrong Lyra PB Square Lay-In 1" fiberglass ceiling tiles with acoustically transparent membrane with latex finish. ASTM E1264 Classification Type XII, Form 2. 2' x 4' (6A), 2' x 2' (6B), and 4" techzone (6C) sizes. Color SW6780. Tile properties:
1. Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.

2. **NRC: 0.95**
3. **Humidity and sag resistant.**
4. **Washable surface.**
5. **Mold/mildew resistant.**
6. **Formaldehyde free.**
7. **Greenguard Gold Certified for emissions.**

D. **CLG-7: Basis of Design: Armstrong Lyra PB Square Lay-In 1" fiberglass ceiling tiles with acoustically transparent membrane with latex finish. ASTM E1264 Classification Type XII, Form 2. 4" techzone (6C) sizes. Color White. Tile properties:**

1. **Fire performance: Class A. ASTM E84 flame spread 25 or less, smoke developed 50 or less.**
2. **NRC: 0.95**
3. **Humidity and sag resistant.**
4. **Washable surface.**
5. **Mold/mildew resistant.**
6. **Formaldehyde free.**
7. **Greenguard Gold Certified for emissions.**
6. **Light reflectance: 0.90**

### 2.3 SUSPENSION SYSTEMS

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- E. **Basis of Design for Fascia Trim: Armstrong Axiom Classic, Blizzard White. Equivalent products by the following may also be considered subject to approval of the Architect:**
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## PART 3 - EXECUTION

### 3.1 INSPECTION

- A. The Installer shall examine substrates, supports, and conditions under which this work is to be performed and notify Contractor, in writing, of conditions detrimental to the proper completion of the work. Do not proceed with work until unsatisfactory conditions are corrected. Beginning work means Installer accepts substrates and conditions.

### 3.2 PREPARATION & INSTALLATION

- A. General Requirement: Strictly comply with manufacturer's instructions and recommendations, except where more restrictive requirements are specified in this section.
- B. Coordination: Coordinate installation with other work to ensure proper location of related work such as light fixtures, mechanical fixtures, fire protection systems and the like.
- C. Layout: Measure each area and layout ceilings to balance panel widths on opposite edges of each ceiling in both directions unless otherwise noted. Avoid use of less than 1/2 width ceiling units wherever possible.
- D. Suspension Installation: Erect suspension system supported only from building structure. Level main suspension members to within tolerance of 1/8" in 12'. Splay hangers where necessary and countersplay to balance resulting horizontal forces. Cross brace suspension to prevent lateral sway and displacement during full seismic load prescribed by code.
- E. Edge Moldings and Trim: Provide edge moldings at entire perimeter of ceiling, at columns, and wherever necessary to conceal edges of acoustical units. Miter corners of edge moldings accurately and connect securely.
  - 1. Do not use exposed fasteners nor pop rivets.
  - 2. Sealing: Provide a continuous bead of exposed acoustical sealant, specified in Section 07 92 00 - Joint Sealants, between edge moldings and walls.
- F. Ceiling Panel Installation: Use clean white gloves when handling ceiling materials. Install ceiling panels in coordination with suspension system. Scribe and cut panels to fit accurately.
  - 1. Orientation: Lay panels with grain [if any] running in one direction throughout the project.
  - 2. Square Edge: Field cut and paint edges of tiles cut in field to produce painted edge at all tile.

### 3.3 ADJUSTING, TOUCH-UP, CLEANING

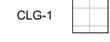
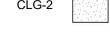
- A. Adjust panels so that ceilings are in one plane and look uniform with no individual panels too high or too low.

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- C. Clean exposed surfaces using materials and methods recommended by manufacturer of material or product being cleaned. Remove and replace work that cannot be successfully cleaned.

END OF SECTION

**GENERAL NOTE:**  
COORDINATE WITH ELECTRICAL AND MECHANICAL DRAWINGS. OWNER'S AV DRAWINGS CAN BE PROVIDED UPON REQUEST.

CEILING FIXTURE LEGEND		
	<b>RECESSED DIRECTIONAL LIGHT:</b> BASIS OF DESIGN: LUMENWERX - VOILA 4" ROUND DOWNLIGHT. VO4RR-OF-ADJ-UNV-14W-D1-VO4-SW-60-2-80-35-LS-VO4RR-SDL-SR-TMW-TRM-TMW	
	<b>8" LINEAR 4" WIDE RECESSED FIXTURE WITH LOUVERS for INTEGRATION with ARMSTRONG TECHZONE GRID:</b> BASIS OF DESIGN: ACUITY BRANDS - MARK ARCHITECTURAL LIGHTING SLOT 4 LED DESIGNSHIP - RECESSED LINEAR. SL4L-QS-LOP-8FT-RLP-TG-80CRI-35K-800LMF-MIN1-ZT	
	<b>8' DIRECT/INDIRECT LINEAR PENDANT</b> BASIS OF DESIGN: AXIS SCULPT D/I PENDANT AXIS SCDI-350-400-80-35-BW-FL-8"-W-UNV-DP-2-CT9(36)	ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1 S1L1LLP-8FT-MSL8-190CRI-195K-11200LMF-BW-MIN1 MVOLT-WHT-WEC-ZT-F136A-RDCY-WHTCY-WCRD
	<b>4' DIRECT/INDIRECT LINEAR PENDANT</b> BASIS OF DESIGN: AXIS SCULPT D/I PENDANT AXIS SCDI-350-400-80-35-BW-FL-4"-W-UNV-DP-2-CT9(36)	ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1 S1L1LLP-4FT-MSL4-190CRI-195K-11200LMF-BW-MIN1 MVOLT-WHT-WEC-ZT-F136A-RDCY-WHTCY-WCRD
	<b>ACCENT PENDANT WHITE:</b> BROWNLEE LIGHTING - INNIE LED. 2680-20-1bd-45W-1bd-SSM-NT-35K	

CEILING FINISHES LEGEND		
CEILING MATERIAL		
	<b>2X2 ACOUSTIC CEILING TILE</b> ARMSTRONG OPTIMA 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 3152 - WHITE	
	PAINTED GYP BOARD	
CEILING TILE PATTERNS		
BASIS OF DESIGN: ARMSTRONG DESIGNFLEX - LYRA PB - WITH TECHZONE		
	<b>2X4 ACOUSTIC CEILING TILE</b> LYRA PB 2x4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8373PB - TILE PAINT COLOR SW 6716	
	<b>2X2 ACOUSTIC CEILING TILE</b> LYRA PB 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8372PB - TILE PAINT COLOR SW 6716	
	<b>4IN ACOUSTIC CEILING TILE</b> TECHZONE PANEL w/LYRA PB 4INx4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8334PB - TILE PAINT COLOR SW 6716	
	<b>2X4 ACOUSTIC CEILING TILE</b> LYRA PB 2x4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8373PB - TILE PAINT COLOR SW 6780	
	<b>2X2 ACOUSTIC CEILING TILE</b> LYRA PB 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8372PB - TILE PAINT COLOR SW 6780	
	<b>4IN ACOUSTIC CEILING TILE</b> TECHZONE PANEL w/LYRA PB 4INx4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8334PB - TILE PAINT COLOR SW 6780	

AV FIXTURES - COORDINATE WITH OWNER'S AV CONTRACTOR	
THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES ONLY. SEE ELECTRICAL DRAWINGS. OWNER'S AV DRAWINGS CAN BE PROVIDED UPON REQUEST. ALL POWER, DATA, COPPER WIRE FOR TELECOIL LOOP SYSTEM, AND AV CONDUIT TO BE BY ELECTRICAL CONTRACTOR.	
PROJECTORS AND DISPLAYS	
	<b>WALL - MOUNTED PROJECTION SCREEN (BY OWNER):</b> BASIS OF DESIGN: DALITE 70199LS TENSIONED CONTOUR ELECTROL, WIDE SCREEN FORMAT, 87"x139". PROVIDE BLOCKING.
	<b>CEILING - MOUNTED PROJECTION SCREEN (BY OWNER):</b> BASIS OF DESIGN: DALITE DENSSIONED ADVANTAGE. PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS & RCP)
	<b>CEILING - MOUNTED GREEN SCREEN (BY OWNER):</b> BASIS OF DESIGN: DA LITE 70199LS WIDE SCREEN FORMAT, 87"x139". PROVIDE BLOCKING.
	<b>CEILING-MOUNTED 6000 LUMEN PROJECTOR (BY OWNER):</b> BASIS OF DESIGN: EPSON POWERLite L615U. CEILING MOUNTED WUXGA PROJECTOR. PROVIDE BLOCKING.
	<b>WALL-MOUNTED LCD DISPLAY (BY OWNER):</b> BASIS OF DESIGN: SHARP, & CHIEF MANUFACTURING. PROVIDE BLOCKING.
SPEAKERS	
	<b>CEILING-MOUNTED LOUDSPEAKER (BY OWNER):</b> BASIS OF DESIGN: FULCRUM ACOUSTIC GX1595 and TQP-48, PROVIDE BLOCKING.
	<b>CEILING-RECESSED AUDIO SPEAKER (BY OWNER):</b> BASIS OF DESIGN: COMMUNITY D6 - WHITE. PROVIDE BLOCKING.
	<b>CEILING-MOUNTED LINEAR ARRAY SPEAKER (BY OWNER):</b> BASIS OF DESIGN: INNOVEX FLEX FOCUS FF-V2.6. PROVIDE BLOCKING.
	<b>WALL MOUNTED SPEAKER (BY OWNER):</b> BASIS OF DESIGN: INNOVEX MICRO-FOCUS 2.1. PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND RCP)
ACCESSORIES	
	<b>AV EQUIPMENT CEILING RACK (BY OWNER):</b> ADD PRODUCT: BASIS OF DESIGN: ATLAS CR222-NR. PROVIDE BLOCKING. ATLAS IED CR SERIES CEILING RACK SYSTEMS WITH AmbITILT EQUIPMENT LOADING (SEE INTERIOR ELEVATIONS AND RCP)
	<b>WALL MOUNTED DIGITAL CLOCK: (SEE ELEC. DRAWING)</b> WALL MOUNTED, BATTERY POWERED, DIGITAL CLOCK BY GC PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)
	<b>IP PHONE: (SEE ELEC. DRAWING)</b> BASIS OF DESIGN: CISCO. PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)
	<b>TOUCH CONTROL PANEL (BY OWNER)</b> EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)
	<b>TELECOIL LOOP (ALTERNATE A):</b> BY ELECTRICAL CONTRACTOR. AUDIO INDUCTION LOOP AIDS ASSISTIVE LISTENING TECHNOLOGY. CONSISTS OF PHYSICAL CABLE LOOPS PLACED AROUND DESIGNATED SPACES. (SEE ELECTRICAL DRAWINGS)
	<b>IPAD KIOSK (BY OWNER)</b> BASIS OF DESIGN: IPAD. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)
	<b>MONITOR WITH KEYBOARD &amp; MOUSE KIOSK (BY OWNER)</b> BASIS OF DESIGN: IMAC. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
E	ADDITIONS: ISSUED FOR BID	08/10/2021

**Geddis Architects**  
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914-769-3200
- Structural Engineer**  
ODEH ENGINEERS  
1223 Mineral Spring Ave  
North Providence, RI 02904  
401-724-1771
- Civil Engineer**  
WESTON & SAMPSON  
1 Winners Circle, Suite 130  
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518-463-4400
- Roof Consultant**  
WATSKY ASSOCIATES INC.  
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Valhalla, NY 10595  
914-948-3450
- Acoustic Consultant**  
DP DESIGN  
12 Cold Spring Street  
Providence, RI  
401-861-3218
- AV Consultant**  
CAVANAUGH TOCCI  
327 F Boston Post Road  
Sudbury, MA 01776-3027  
978-443-7871

SED#: 6618-0001-0003-026

PROJECT  
Rye City Schools  
555 Theodore Fremd Ave, Rye, NY 10580  
Midland Elementary School  
312 Midland Ave, Rye NY 10580

CEILING FIXTURE AND MATERIAL LEGENDS

Approver

SEAL & SIGNATURE | DATE: 06/29/20  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A3-400

**GENERAL NOTE:**  
COORDINATE WITH ELECTRICAL AND MECHANICAL DRAWINGS. OWNER'S AV DRAWINGS CAN BE PROVIDED UPON REQUEST.

**CEILING FIXTURE LEGEND**

-  R1  
**RECESSED DIRECTIONAL LIGHT:**  
 BASIS OF DESIGN: LUMENWERX - VOILA 4" ROUND DOWNLIGHT.  
 VO4RR-OF-ADJ-UNV-14W-D1-VO4-SW-60-2-80-35-LS-VO4RR-SDL-SR-TMW-TRM-TMW
-  R8  
**8" LINEAR 4" WIDE RECESSED FIXTURE WITH LOUVERS for INTEGRATION with ARMSTRONG TECHZONE GRID:**  
 BASIS OF DESIGN: ACUITY BRANDS - MARK ARCHITECTURAL LIGHTING  
 SLOT 4 LED DESIGN2SHIP - RECESSED LINEAR.  
 SL4L-QS-LOP-8FT-RLP-TG-80CRI-35K-800LMF-MIN1-ZT
-  P6  
**8" DIRECT/INDIRECT LINEAR PENDANT WITH LOUVERS:**  
 BASIS OF DESIGN: AXIS STENCIL D/I PENDANT  
 AXIS STLDI-SLI-500-DML-600-6-80-35-W-UNV
-  P7  
**6" DIRECT/INDIRECT LINEAR PENDANT WITH LOUVERS:**  
 BASIS OF DESIGN: AXIS STENCIL D/I PENDANT  
 AXIS STLDI-SLI-500-DML-600-6-80-35-W-UNV
-  P9-W  
**ACCENT PENDANT WHITE:**  
 BROWNLEE LIGHTING - INNIE LED.  
 2680-20-1bd-45W-1bd-SSM-NT-35K
-  P10  
**GLASS CYLINDER PENDANT:**  
 ACUITY BRANDS - HEALTHCARE LIGHTING - POPS SINGLE PENDANT  
 HPP1-9ST-MVOLT-CYL-LRG-35K-ZT-MIN5-INT-BA

ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1  
S4LD LCB 6FT MSL8 80CRI 35K 800LMF 80CRI 35K 800LMF  
BW MIN1 SCT LVRRRA SLV F1 36A RDCY SLVCY WCWD

ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1  
S4LD LCB 6FT MSL8 80CRI 35K 800LMF 80CRI 35K 800LMF  
BW MIN1 SCT LVRRRA SLV F1 36A RDCY SLVCY WCWD

**CEILING FINISHES LEGEND**

**CEILING MATERIAL**

-  CLG-1  
**2X2 ACOUSTIC CEILING TILE**  
 ARMSTRONG OPTIMA 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 3152 - WHITE
-  CLG-2  
 PAINTED GYP BOARD

**CEILING TILE PATTERNS**

BASIS OF DESIGN: ARMSTRONG DESIGNFLEX - LYRA PB - WITH TECHZONE

-  CLG-5A  
**2X4 ACOUSTIC CEILING TILE**  
 LYRA PB 2x4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8373PB - TILE PAINT COLOR SW 6716
-  CLG-5B  
**2X2 ACOUSTIC CEILING TILE**  
 LYRA PB 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8372PB - TILE PAINT COLOR SW 6716
-  CLG-5C  
**4IN ACOUSTIC CEILING TILE**  
 TECHZONE PANEL w/LYRA PB 4INx4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8334PB - TILE PAINT COLOR SW 6716
-  CLG-6A  
**2X4 ACOUSTIC CEILING TILE**  
 LYRA PB 2x4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8373PB - TILE PAINT COLOR SW 6780
-  CLG-6B  
**2X2 ACOUSTIC CEILING TILE**  
 LYRA PB 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8372PB - TILE PAINT COLOR SW 6780
-  CLG-6C  
**4IN ACOUSTIC CEILING TILE**  
 TECHZONE PANEL w/LYRA PB 4INx4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8334PB - TILE PAINT COLOR SW 6780
-  CLG-7  
**4IN ACOUSTIC CEILING TILE**  
 TECHZONE PANEL w/LYRA PB 4INx4 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - 8334PB - WHITE

**AV FIXTURES - COORDINATE WITH OWNER'S AV CONTRACTOR**

THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES ONLY. SEE ELECTRICAL DRAWINGS. OWNER'S AV DRAWINGS CAN BE PROVIDED UPON REQUEST. ALL POWER DATA, COPPER WIRE FOR TELECOIL LOOP SYSTEM, AND AV CONDUIT TO BE BY ELECTRICAL CONTRACTOR.

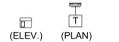
**PROJECTORS AND DISPLAYS**

-  WM  
**WALL-MOUNTED PROJECTION SCREEN (BY OWNER):**  
 BASIS OF DESIGN: DALITE 70199LS TENSIONED CONTOUR ELECTROL, WIDE SCREEN FORMAT, 87"x139". PROVIDE BLOCKING.
-  CM  
**CEILING-MOUNTED PROJECTION SCREEN (BY OWNER):**  
 BASIS OF DESIGN: DALITE TENSIONED ADVANTAGE. PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS & RCP)
-  GS  
**CEILING-MOUNTED GREEN SCREEN (BY OWNER):**  
 BASIS OF DESIGN: DALITE 70199LS WIDE SCREEN FORMAT, 87"x139". PROVIDE BLOCKING.
-  VP1  
**CEILING-MOUNTED 6000 LUMEN PROJECTOR (BY OWNER):**  
 BASIS OF DESIGN: EPSON POWERLITE L815U CEILING MOUNTED WUXGA PROJECTOR. PROVIDE BLOCKING.
-  FP  
**WALL-MOUNTED LCD DISPLAY (BY OWNER):**  
 BASIS OF DESIGN: SHARP, CHIEF MANUFACTURING. PROVIDE BLOCKING.

**SPEAKERS**

-  SP1  
**CEILING-MOUNTED LOUDSPEAKER (BY OWNER):**  
 BASIS OF DESIGN: FULCRUM ACOUSTIC GX1595 and TQP-48. PROVIDE BLOCKING.
-  S2  
**CEILING-RECESSED AUDIO SPEAKER (BY OWNER):**  
 BASIS OF DESIGN: COMMUNITY D6 - WHITE. PROVIDE BLOCKING.
-  (RCP) (PLAN)  
**CEILING-MOUNTED LINEAR ARRAY SPEAKER (BY OWNER):**  
 BASIS OF DESIGN: INNOVEX FLEC FOCUS FF-V2.6. PROVIDE BLOCKING.
-  (ELEV.) (PLAN)  
**WALL MOUNTED SPEAKER (BY OWNER):**  
 BASIS OF DESIGN: INNOVEX MICRO - FOCUS 2.1. PROVIDE BLOCKING.(SEE INTERIOR ELEVATIONS AND RCP)

**ACCESSORIES**

-  (RCP) (PLAN)  
**AV EQUIPMENT CEILING RACK (BY OWNER):**  
 BASIS OF DESIGN: ATLAS CR222-NR. PROVIDE BLOCKING.(SEE INTERIOR ELEVATIONS AND RCP)
-  (ELEV.) (PLAN)  
**WALL MOUNTED DIGITAL CLOCK:**  
 WALL MOUNTED, BATTERY POWERED, DIGITAL CLOCK BY GC PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)
-  (ELEV.) (PLAN)  
**IP PHONE:**  
 BASIS OF DESIGN: CISCO. PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)
-  (ELEV.) (PLAN)  
**TOUCH CONTROL PANEL (BY OWNER)**  
 BASIS OF DESIGN: EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)
-  (ELEV.) (PLAN)  
**TELECOIL LOOP:**  
 BY ELECTRICAL CONTRACTOR, AUDIO INDUCTION LOOP AIDS ASSISTIVE LISTENING TECHNOLOGY. CONSISTS OF PHYSICAL CABLE LOOPS PLACED AROUND DESIGNATED SPACES. (SEE ELECTRICAL DRAWINGS; SHEET E2-303)
-  (ELEV.) (PLAN)  
**IPAD KIOSK (BY OWNER)**  
 BASIS OF DESIGN: IPAD. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)
-  (ELEV.) (PLAN)  
**MONITOR WITH KEYBOARD & MOUSE KIOSK (BY OWNER)**  
 BASIS OF DESIGN: IMAC. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)

**Revision Schedule**

No.	Description	Date
A	SED SUBMISSION	10/23/2020
D	ADDITIONS: ISSUED FOR BID	8/10/2021

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- AV Consultant**  
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 Sudbury, MA 01776-3027  
 978-443-7871

SED#: 6618-0001-0001-024

PROJECT  
 Rye City Schools  
 555 Theodore Fremd Ave, Rye, NY 10580  
 Osborn Elementary School  
 10 Osborn Road, Rye NY 10580

**CEILING FIXTURE AND MATERIALS LEGEND**

Approver

SEAL & SIGNATURE | DATE: 06/29/20  
 PROJECT No: 9200  
 DRAWING BY: Author  
 CHK BY: Checker  
 DWG No: A3-400