

INNOVATION SUITE AT DOWS LANE ELEMENTARY SCHOOL SED Control Number: 66-04-02-02-0-002-021

CONTRACT G – GENERAL CONSTRUCTION, ELECTRICAL, PLUMBING AND ASBESTOS ABATEMENT WORK

WESTCHESTER COUNTY, NEW YORK

NOTE: This clarification forms a part of the contract documents for the above project and must be acknowledged in the plans and specifications. Attach it to the inside front cover of each of the specifications.

CLARIFICATION TO PROJECT:

CLARIFICATION TO SPECIFICATIONS:

- 1. Delete Specification 0001100 TABLE OF CONTENTS and insert revised Specification 0001100 TABLE OF CONTENTS, attached herein. Specification 012300 ALTERNATES added.
- 2. Insert Specification 012300 ALTERNATES, attached herein.
- 3. Delete Specification 095113 Acoustical Panel Ceilings and insert revised 095113 Acoustical Panel Ceilings, attached herein.

CLARIFICATION TO DRAWINGS:

- 1. Delete Drawing G0.0 GENERAL NOTES, ABBREVIATIONS, DRAWING LIST, STAGING PLAN, LOCATION MAP AND LEGEND and insert revised Drawing G0.0 GENERAL NOTES, ABBREVIATIONS, DRAWING LIST, STAGING PLAN, LOCATION MAP AND LEGEND attached herein.
- Delete Drawing A1.2 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN and insert revised Drawing A1.2 – PARTIAL FIRST FLOOR REFLECTED CEILING PLAN, attached herein. Drawing has been revised to clarify ceiling finishes.
- 3. Delete *Drawing A6.0 FINISH SCHEDULE* and insert revised *Drawing A6.0 FINISH SCHEDULE*, attached herein. Drawing has been revised to clarify ceiling finishes.

REQUEST FOR INFORMATION FROM BERTUSSI CONTRACTING – NOV 30TH 2021:

1. Drawing A1.3 is missing from the bid set. Drawing E4.01 is in the bid set but not on the cover page. Is E4.01 part of the bid? Please advise.

RFI Response: Drawing G0.0 has been revised to indicate Drawing A1.3 as omitted. Drawing E4.01 is not a drawing in our set, however Drawing E4.0 was missing from the Drawing List and has now been added. Refer to Clarification to Drawings #1, above.

2. There are no signs at the doors. Please advise.

RFI Response: Room signs are not in contract

3. No fire extinguishers are shown. Please advise.

RFI Response: Fire extinguishers are not in contract



4. There is no spec section for the alternates. Please advise.

RFI Response: Specification 012300 - ALTERNATES has been added (see Clarifications to Specifications #2 above)

5. There are no HVAC drawings however, there is work for UV and radiators. Please advise.

RFI Response: Removal and reinstallation of the existing unit ventilators to remove the existing VCT flooring is the responsibility of the General Contractor.

6. Please advise if there is asbestos removal for this project. There are no drawings, but there is an abatement spec section.

RFI Response: Please refer to SECTION 4.0 INSPECTION RESULTS, TABLE 4.2 – CONDITION AND FRIABILITY ASSESSMENT for approximate abatement quantities and APPENDIX D: ASBESTOS CONTAINING MATERIALS LOCATION DRAWINGS in the Final Report of Environmental Services Environmental Report, prepared by WSP, previously provided in the Project Manual Appendix. Refer to 'ASBESTOS ABATEMENT NOTES' on Drawing D1.1.

REQUEST FOR INFORMATION FROM RENU CONTRACTING AND RESTORATION – DEC 8th 2021:

1. At Dows Lane rooms #113, 114 & 115 – there is a discrepancy between the finish schedule and RCP. Finish schedule says exposed ceiling but note 6 on A1.2 says ACT ceiling. Which one do we figure?

RFI Response: Rooms numbers 113, 114, & 115 do not receive ACT ceilings. The Reflected Ceiling Plan on Drawing A1.2 has been revised accordingly. See note #2 in 'Clarifications to Drawings'.

REQUEST FOR INFORMATION FROM PIEROTTI CORP. – DEC 10TH 2021:

 Drawing A1.2, note 6 indicates new 2'x2' acoustical ceiling assembly in PLTW 113, 114, 115 with specialty/cloud ceilings installed below that ceiling. However, Drawing A3.0/4.0/4.1 and finish schedule A6.0 do not reference or show the 2'x2' acoustical ceiling assembly above the clouds. Please advise.

RFI Response: Rooms numbers 113, 114, & 115 do not receive ACT ceilings. The Reflected Ceiling Plan on Drawing A1.2 has been revised accordingly. See note #2 in 'Clarifications to Drawings'.

2. There are two (2) types of ceiling tiles referenced in specification section 095113, School Zone Fine Fissured and Ultima 1912HRC. Please advise which go where. Also, this specification references several other ceiling panels that do not correlate to the reflective ceiling plan key notes on A1.2 Please clarify.

RFI Response: Specification 095113 Acoustical Panel Ceilings has been revised. See note #3 in 'Clarifications to Specifications' above.

End of Addendum No. 1

X:\IRSD (Irvington UFSD)\IRSD 2003 (Dows Lane Creativity Suite Renovation)\03-Bid\Addenda\Addendum #1\Response\IRSD 2003 Addendum 1.docx

IRVINGTON UNION FREE SCHOOL DISTRICT

DOWS LANE ELEMENTARY SCHOOL INNOVATION SUITE

SED Control No. 66-04-02-02-0-002-021

CONTRACT G – GENERAL CONSTRUCTION, ELECTRICAL, PLUMBING AND ASBESTOS ABATEMENT WORK

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- 004550 SUB CONTRACTORS LIST (SCL)
- 004552 NYSED 155.5 REGULATIONS
- 005209 SAMPLE AGREEMENT (A)
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- 007343 PREVAILING WAGE RATES
- 007343.1 WEEKLY PAYROLL FORM WH347

SAMPLE AIA DOCUMENTS

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- AIA A312 (PERFORMANCE BOND)
- AIA A312 (PAYMENT BOND)
- AIA G702 (APPLICATION AND CERTIFICATE FOR PAYMENT)
- AIA G703 (CONTINUATION SHEET)
- AIA G704 (CERTIFICATE OF SUBSTANTIAL COMPLETION)
- AIA G706 (CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS)
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APPENDIX

FINAL REPORT OF ENVIRONMENTAL SERVICES

PART 1 - GENERAL

- 1.01 SECTION INCLUDES
 - A. Submission procedures.
 - B. Documentation of changes to Contract Sum/Price and Contract Time.

1.02 RELATED SECTIONS

- A. Proposal Form.
- B. Other sections referencing this section.
- C. All contractual requirements outlined in the documents.

1.03 SUBMISSION REQUIREMENTS

- A. Submit Alternates on Proposal Forms identifying the effect on adjacent or related components.
- B. Alternates will be reviewed and accepted or rejected at the Owner's option.
- C. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.04 SELECTION AND AWARD OF ALTERNATES

- A. Indicate variation of Bid Price for Alternates listed on the PROPOSAL FORM. This form requests a "difference" in Bid Price by adding to or deducting from the base Bid Price.
- B. Alternates quoted on PROPOSAL FORM will be reviewed and accepted or rejected at Owner's option.
- C. Accepted alternates will be identified in Owner-Contractor Agreement.
- D. Bids will be evaluated on the base bid price, plus any combination of alternate items.

1.05 WORK FOR ALTERNATES

- A. Work for alternate items selected shall include all related materials, labor, equipment and operations necessary to conduct and complete the alternate work and all other affected work or adjacent areas.
- B. There shall be no change in time or completion date for the selected alternates, unless specified herein or approved in writing by the Architect and Owner.
- C. Alternates and associated work shall meet all standards and specifications delineated in the Contract Documents.
- D. Contractor shall coordinate pertinent related Work and modify surrounding Work as required to complete the project under each alternate selected by the Owner.

PART 2 - PRODUCTS

NOT USED

PART 3 - EXECUTION

3.01 PROCEDURES

- A. Work for each alternate, related items and collateral work shall be completed in their entirety.
- B. If alternate items are not selected, work for the base bid and collateral work shall be completed in their entirety.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. Section includes acoustical panels and exposed suspension systems for ceilings.
- B. Products furnished, but not installed under this Section, include anchors, clips, and other ceiling attachment devices to be cast in concrete.

1.03 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For each exposed product and for each color and texture specified, 6 inches (150 mm) in size.
- C. Samples for Verification: For each component indicated and for each exposed finish required, prepared on Samples of size indicated below.
 - 1. Acoustical Panel: Set of full-size Samples of each type, color, pattern, and texture.
 - 2. Exposed Suspension-System Members, Moldings, and Trim: Set of 6-inch (150-mm) long Samples of each type, finish, and color.

1.04 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For testing agency.
- B. Product Test Reports: For each acoustical panel ceiling, for tests performed by manufacturer and witnessed by a qualified testing agency.

1.05 CLOSEOUT SUBMITTALS

A. Maintenance Data: For finishes to include in maintenance manuals.

1.06 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Acoustical Ceiling Panels: Full-size panels equal to 2 percent of quantity installed.
 - 2. Suspension-System Components: Quantity of each exposed component including decorative moldings, equal to 2 percent of quantity installed.
 - 3. Hold-Down Clips: Equal to 2 percent of quantity installed.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Deliver acoustical panels, suspension-system components, and accessories to Project site in original, unopened packages and store them in a fully enclosed, conditioned space where they will be protected against damage from moisture, humidity, temperature extremes, direct sunlight, surface contamination, and other causes.

- B. Before installing acoustical panels, permit them to reach room temperature and a stabilized moisture content.
- C. Handle acoustical panels carefully to avoid chipping edges or damaging units in any way.

1.08 FIELD CONDITIONS

- A. Environmental Limitations: Do not install acoustical panel ceilings until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
 - 1. Pressurized Plenums: Operate ventilation system for not less than 48 hours before beginning acoustical panel ceiling installation.

1.09 WARRANTY

- A. Provide manufacturer's 30-year limited systems warranty covering defects in materials and / or factory workmanship for ceiling panels and suspension systems.
- B. Provide manufacturer's 10-year limited warranty covering sagging and warping defects caused by materials or factory workmanship for Humidity and Moisture-resistant ceiling systems.
- C. Provide manufacturer's 1-year limited warranty covering defects in materials and / or factory workmanship for Acoustical canopy ceiling systems.

PART 2 - PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Acoustical ceiling shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.
- B. Surface-Burning Characteristics: Comply with ASTM E84 testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - 1. Flame-Spread Index: Comply with ASTM E1264 for Class A materials.
 - 2. Smoke-Developed Index: 50 or less.

2.02 ACOUSTICAL PANELS, GENERAL

- A. Low-Emitting Materials: Acoustical panel ceilings shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- B. Source Limitations:
 - 1. Acoustical Ceiling Panel: Obtain each type from single source from single manufacturer.
 - 2. Suspension System: Obtain each type from single source from single manufacturer.
- C. Source Limitations: Obtain each type of acoustical ceiling panel and supporting suspension system from single source from single manufacturer.

- D. Recycled Content: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 25 percent.
- E. Acoustical Panel Standard: Provide manufacturer's standard panels of configuration indicated that comply with ASTM E1264 classifications as designated by types, patterns, acoustical ratings, and light reflectance unless otherwise indicated.
 - 1. Mounting Method for Measuring NRC: Type E-400; plenum mounting in which face of test specimen is 15-3/4 inches (400 mm) away from test surface according to ASTM E795.
- F. Acoustical Panel Colors and Patterns: Match appearance characteristics indicated for each product type.
 - 1. Where appearance characteristics of acoustical panels are indicated by referencing pattern designations in ASTM E1264 and not manufacturers' proprietary product designations, provide products selected by Architect from each manufacturer's full range that comply with requirements indicated for type, pattern, color, light reflectance, acoustical performance, edge detail, and size.

2.03 ACOUSTICAL CANOPIES

- A. Basis-of-Design Product Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
 - 1. Armstrong World Industries, Inc.: SOUNDSCAPES Shapes, 5444 (Hexagon)
 - 2. Or approved equal.
- B. Classification: Provide panels complying with ASTM E 1264 for type, form, and pattern as follows:
 - 1. Type and Form: Type XII, Form 2, Pattern E. Pattern. Panels with factory painted DuraBrite scrim on face and back. Side are painted. Panel Arc- 129 inch radius. Panels shall have embedded, flush-mounted hardware system and aircraft cable support kits.
 - 2. Performance Characteristics:
 - a. Anti Mold & Mildew.
 - b. Sag Resistant. HumiGuard+
 - c. Water Repellent.
 - d. Washable.
 - e. Scratch Resistant.
 - f. Soil Resistant.
 - g. Recycled Content (50%).
 - h. Panel weight: 1 lb. / sq. ft.
 - 3. Pattern: Pattern E or as indicated by manufacturer's designation.
- C. Color: White (WH)
- D. LR: Not less than 0.90
- E. Sabins / Panel: 30 (ASTM C423)
- F. Fire rating: Class A
- G. Edge/Joint Detail: Square.
- H. Thickness: 1.18 inches (30 mm) for curved panels and 1.57 inch (39.8 mm) for flat panels.

- I. Modular Size: 48 by 72 inches (1220 by 1830 mm)
- J. Shape: Hill / Valley as indicated on drawings.
- K. Hanging Kit: 5450 number of kits per panel as recommended by manufacturer.
- L. Hanging Cables: 625530 (4) 30 foot cables each kit.
- 2.04 METAL SUSPENSION SYSTEMS, GENERAL
 - A. Recycled Content: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 25 percent.
 - B. Metal Suspension-System Standard: Provide manufacturer's standard direct-hung metal suspension systems of types, structural classifications, and finishes indicated that comply with applicable requirements in ASTM C635/C635M.
 - 1. High-Humidity Finish: Comply with ASTM C635/C635M requirements for "Coating Classification for Severe Environment Performance" where high-humidity finishes are indicated.
 - C. Attachment Devices: Size for five times the design load indicated in ASTM C635/C635M, Table 1, "Direct Hung," unless otherwise indicated. Comply with seismic design requirements.
 - D. Wire Hangers, Braces, and Ties: Provide wires complying with the following requirements:
 - 1. Zinc-Coated, Carbon-Steel Wire: ASTM A641/A641M, Class 1 zinc coating, soft temper.
 - Size: Select wire diameter so its stress at three times hanger design load (ASTM C635/C635M, Table 1, "Direct Hung") will be less than yield stress of wire, but provide not less than 0.135-inch- (3.5-mm-) diameter wire.
 - E. Hanger Rods Flat Hangers: 1/4 inch diameter, Mild steel, zinc coated or protected with rust-inhibitive paint.
 - F. Angle Hangers: Angles with legs not less than 7/8 inch (22 mm) wide; formed with 0.04-inch-(1-mm-) thick, galvanized-steel sheet complying with ASTM A653/A653M, G90 (Z275) coating designation; with bolted connections and 5/16-inch- (8-mm-) diameter bolts.
 - G. Cold Rolled Channel: 1 1/2 inch deep, 16 MSG cold rolled steel with protective zinc coating. Tie to supporting structure with 12 SWG galvanized wire ties. Install at 4'-0" o.c. maximum or as indicated on the drawings.
 - H. Seismic Stabilizer Bars: Manufacturer's standard perimeter stabilizers designed to accommodate seismic forces.
 - I. Seismic Struts: Manufacturer's standard compression struts designed to accommodate seismic forces.
 - J. Seismic Clips: Manufacturer's standard seismic clips designed and spaced to secure acoustical panels in place. Conform to "Code of Practices for Acoustical Ceiling System Installations" by CISCA Ceilings & Interior Systems Contractors Association.

- K. Hold-Down Clips: Provide manufacturer's standard hold-down clips (Armstrong CHDC or equal) spaced 24 inches (610 mm) o.c. on all cross tees. At exterior locations provide Exterior Hold Down Clips in size determined by the panel thickness (Armstrong EHDC or equal).
- L. Retention Clips: Provide Armstrong 414 Retention Clips in Gymnasium and Activity spaces. Install as recommended by the manufacturer to secure each panel.
- M. Shadow Reveal Transition Molding: Provide in size to match the adjacent grid field in 10 foot lengths, 1 1/4" height and width as determined by field grid. Armstrong 7901 for 9/16" grid and 7902 for 15/16" grid.
- N. Canopy system installations shall be as recommended by the manufacturer. Panels shall not be field altered, drilled or cut.
 - 1. Provide a minimum of 18 inches between panels.
 - 2. Panels shall not be field painted.
 - 3. Hanging system shall not be tied to another commercial suspension system. Hang system from building structure in accordance with the manufacturer's specifications.
- 2.05 METAL SUSPENSION SYSTEM 9/16 GRID
 - A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - B. Basis-of-Design Product Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
 - 1. Armstrong World Industries, Inc. Suprafine
 - 2. CertainTeed Corp.
 - 3. Chicago Metallic Corporation.
 - C. Narrow-Face, Capped, Double-Web, Steel Suspension System: Main and cross runners roll formed from cold-rolled steel sheet; prepainted, electrolytically zinc coated, or hot-dip galvanized according to ASTM A653/A653M, not less than G30 (Z90) coating designation; with prefinished 9/16-inch- (15-mm-) wide metal caps on flanges.
 - 1. Structural Classification: Heavy-duty system.
 - 2. End Condition of Cross Runners: butt-edge type.
 - 3. Face Design: Flat, flush.
 - 4. Cap Material: Steel cold-rolled sheet.
 - 5. Cap Finish: Painted white.

2.06 METAL EDGE MOLDINGS AND TRIM

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
- B. Basis-of-Design Product : Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
 - 1. Armstrong World Industries, Inc.
 - 2. Chicago Metallic Corporation.
 - 3. USG Interiors, Inc.; Subsidiary of USG Corporation.
- C. Roll-Formed, Sheet-Metal Edge Moldings and Trim: Type and profile indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations that comply with

seismic design requirements; formed from sheet metal of same material, finish, and color as that used for exposed flanges of suspension-system runners.

- 1. Provide manufacturer's standard edge moldings that fit acoustical panel edge details and suspension systems indicated and that match width and configuration of exposed runners unless otherwise indicated.
- 2. For lay-in panels with reveal edge details, provide stepped edge molding that forms reveal of same depth and width as that formed between edge of panel and flange at exposed suspension member.
- 3. For circular penetrations of ceiling, provide edge moldings fabricated to diameter required to fit penetration exactly.

2.07 ACOUSTICAL SEALANT

- A. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Acoustical Sealant for Exposed and Concealed Joints
 - a. Pecora Corporation ; AC-20 FTR Acoustical and Insulation Sealant.
 - b. USG Corporation: SHEETROCK Acoustical Sealant.
- B. Acoustical Sealant: Manufacturer's standard sealant complying with ASTM C 834 and effective in reducing airborne sound transmission through perimeter joints and openings in building construction as demonstrated by testing representative assemblies according to ASTM E 90.
 - 1. Exposed and Concealed Joints: Nonsag, paintable, nonstaining latex sealant.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine substrates, areas, and conditions, including structural framing to which acoustical panel ceilings attach or abut, with Installer present, for compliance with requirements specified in this and other Sections that affect ceiling installation and anchorage and with requirements for installation tolerances and other conditions affecting performance of acoustical panel ceilings.
- B. Examine acoustical panels before installation. Reject acoustical panels that are wet, moisture damaged, or mold damaged.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Measure each ceiling area and establish layout of acoustical panels to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width panels at borders, and comply with layout shown on reflected ceiling plans.

3.03 INSTALLATION

- A. General: Install acoustical panel ceilings to comply with ASTM C636/C636M and seismic design requirements indicated, according to manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."
- B. Suspend ceiling hangers from building's structural members and as follows:
 - 1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure or of ceiling suspension system.

- 2. Splay hangers only where required to miss obstructions; offset resulting horizontal forces by bracing, countersplaying, or other equally effective means.
- 3. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with location of hangers at spacings required to support standard suspension-system members, install supplemental suspension members and hangers in form of trapezes or equivalent devices.
- 4. Secure wire hangers to ceiling-suspension members and to supports above with a minimum of three tight turns. Connect hangers directly either to structures or to inserts, eye screws, or other devices that are secure and appropriate for substrate and that will not deteriorate or otherwise fail due to age, corrosion, or elevated temperatures.
- 5. Secure flat, angle, channel, and rod hangers to structure, including intermediate framing members, by attaching to inserts, eye screws, or other devices that are secure and appropriate for both the structure to which hangers are attached and the type of hanger involved. Install hangers in a manner that will not cause them to deteriorate or fail due to age, corrosion, or elevated temperatures.
- 6. When steel framing does not permit installation of hanger wires at spacing required, install carrying channels or other supplemental support for attachment of hanger wires.
- 7. Do not attach hangers to steel deck tabs.
- 8. Do not attach hangers to steel roof deck. Attach hangers to structural members.
- 9. Space hangers not more than 48 inches (1200 mm) o.c. along each member supported directly from hangers unless otherwise indicated; provide hangers not more than 8 inches (200 mm) from ends of each member.
- 10. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards and publications.
- C. Secure bracing wires to ceiling suspension members and to supports with a minimum of four tight turns. Suspend bracing from building's structural members as required for hangers, without attaching to permanent metal forms, steel deck, or steel deck tabs. Fasten bracing wires into concrete with cast-in-place or post-installed anchors.
- D. Install edge moldings and trim of type indicated at perimeter of acoustical ceiling area and where necessary to conceal edges of acoustical panels.
 - 1. Apply acoustical sealant in a continuous ribbon concealed on back of vertical legs of moldings before they are installed.
 - 2. Screw attach moldings to substrate at intervals not more than 16 inches (400 mm) o.c. and not more than 3 inches (75 mm) from ends, leveling with ceiling suspension system to a tolerance of 1/8 inch in 12 feet (3.2 mm in 3.6 m). Miter corners accurately and connect securely.
 - 3. Do not use exposed fasteners, including pop rivets, on moldings and trim.
- E. Install suspension-system runners so they are square and securely interlocked with one another. Remove and replace dented, bent, or kinked members.
- F. Install acoustical panels with undamaged edges and fit accurately into suspension-system runners and edge moldings. Scribe and cut panels at borders and penetrations to provide a neat, precise fit.
 - 1. Arrange directionally patterned acoustical panels as follows:
 - a. As indicated on reflected ceiling plans.
 - b. Install panels with pattern running in one direction parallel to short axis of space.
 - 2. For reveal-edged panels on suspension-system runners, install panels with bottom of reveal in firm contact with top surface of runner flanges.

- 3. Paint cut edges of panel remaining exposed after installation; match color of exposed panel surfaces using coating recommended in writing for this purpose by acoustical panel manufacturer.
- 4. Install hold-down clips in areas indicated, in areas required by authorities having jurisdiction, and for fire-resistance ratings; space as recommended by panel manufacturer's written instructions unless otherwise indicated.

3.04 FIELD QUALITY CONTROL

- A. Testing Agency: a qualified testing agency to perform tests and inspections and prepare test reports.
- B. Perform the following tests and inspections of completed installations of acoustical panel ceiling hangers and anchors and fasteners in successive stages. Do not proceed with installations of acoustical panel ceiling hangers for the next area until test results for previously completed installations show compliance with requirements.
 - 1. Extent of Each Test Area: When installation of ceiling suspension systems on each floor has reached 20 percent completion but no panels have been installed.
 - a. Within each test area, testing agency will select one of every 10 power-actuated fasteners and post-installed anchors used to attach hangers to concrete and will test them for 200 lbf (890 N) of tension; it will also select one of every two post-installed anchors used to attach bracing wires to concrete and will test them for 440 lbf (1957 N) of tension.
 - b. When testing discovers fasteners and anchors that do not comply with requirements, testing agency will test those anchors not previously tested until 20 pass consecutively and then will resume initial testing frequency.
- C. Acoustical panel ceiling hangers and anchors and fasteners will be considered defective if they do not pass tests and inspections.
- D. Prepare test and inspection reports.

3.05 CLEANING

A. Clean exposed surfaces of acoustical panel ceilings, including trim, edge moldings, and suspension-system members. Comply with manufacturer's written instructions for cleaning and touchup of minor finish damage. Remove and replace ceiling components that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

END OF SECTION

IRVINGTON UNION FREE SCHOOL DISTRICT DOWS LANE ELEMENTARY SCHOOL INNOVATION SUITE 6 DOWS LANE, IRVINGTON, NY 10533

ABBREVIATIONS	GENERAL NOTES		DRAWING LIST	STAGING PLAN
AB ANCHOR BOLT FAI FRESH AIR INTA A/C AIR CONDITIONING F.C. FIRE CODE ACI AMERICAN CONCRETE FD FLOOR DRAIN INSTITUTE FIN FINISH ACI ACU AIR CONDITIONING UNIT GA GAUGE ACU AIR CONDITIONING UNIT GA GAUGE AD ACCESS DOOR ADJUSTABLE GWB GYPSUM WALLI ADJ A/E ARCHITECT/ENGINEER GYP GYPSUM WALLI ADJ A/E ARCHITECT/ENGINEER GYP GYPSUM WALLI ALUM ALUMINUM HC HANDICAPPED ARC ANCHOR ANSI AMERICAN HM HOLLOW METAL ANTIONAL STANDARDS HOR HORIZONTAL APA ACCESS PANEL INSUL INSULATIONING APPROX APPROXIMATELY INT INTERIOR ASPH ASPHALT LAV LAVATORY ASTIM AMERICAN SOCIETY FOR LDR LEADER AWS AMERICAN WEDDD MO MAS	I. ALL WORK SHALL COMPLY WITH THE 2020 BUILDING CC YORK STATE AND THE NEW YORK STATE EDUCATION D I. ALL WORK STATE AND THE NEW YORK STATE EDUCATION D I. ALL NOTES APPEARING HEREIN, WITH THOSE ON VARIO FORM PART OF THE CONTRACT DOCUMENTS. I. TI IS THE CONTRACTORS RESPONSIBILITY TO FIELD VE LOCATIONS AND QUANTITIES OF ALL ITEMS AND/OR SP NOT. ARD ARD I. DO NOT SCALE MEASURE ANY DRAWING. VERIFY THE I SHOWN ON THE DRAWINGS BEFORE BEGINNING LAYOU INACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENV ADACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENV ADACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENV ADHERE TO MANUFACTURER'S PRINTED INSTRUCTION 6. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXIST 7. DISTURB ONLY THOSE AREAS OF THE SITE AFFECTED I PROTECT ALL OTHER AREAS. CONTRACTORS SHALL BE EXISTING FINISHES WHICH ARE DAMAGED DURING CON ADA COMPLIANT BUILDING COMPONENTS. 8. EACH CONTRACTOR SHALL COMPLY WITH THE REQUIR ADA COMPLIANT BUILDING COMPONENTS. 9. THE OWNER RESERVES THE RIGHT AT ALL TIMES TO DI FURNISHINGS AS THE WORK PROGRESSES SO LONG A CONTRACTORS. 9. THE OWNER RESERVES THE RIGHT AT ALL TIMES TO DI FURNISHINGS AS THE WORK PROGRESSES SO LONG A CONTRACTORS. 10. THE CONTRACTOR SHALL MAINTAIN AT THE SITE ONE F AND APPROVED SAN CONTRACTORS. 11. ANY CHANGES TO THE SCOPE OF WORK OR IN THE CO CONDITIONS OR OMISSION SHALL BE DOCUMENTED BY INCREASE OR DECREASE IN THE CONTRACTOR. 11. ANY CHANGES TO THE SCOPE OF WORK OR IN THE SCC TO, AND AFFEC	CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW DEPARTMENT MANUAL OF PLANNING STANDARDS. RIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND VERIFY ALL DIMENSIONS, SQUARE FOOTAGES, SPACES WHETHER INDICATED IN THE DRAWINGS OR E FIGURES, DIMENSIONS AND DESIGN INTENTION DUT OF THE WORK AND REPORT ANY ERRORS, NGINEER IN WRITING BEFORE BEGINNING ANY WORK. DES, LAWS AND STATUTES AS REQUIRED. STRICTLY NS. STING CONDITIONS BEFORE BEGINNING WORK. D BY RENOVATION, UNLESS NOTED OTHERWISE. BE RESPONSIBLE FOR ALL PATCH AND REPAIR OF DNSTRUCTION. IREMENTS OF ANSI AND PROVIDE WHERE APPLICABLE DELIVER, PLACE AND INSTALL EQUIPMENT AND AS THERE IS NOT A CONFLICT WITH THE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS AMPLES MARKED CURRENTLY TO RECORD ALL ONSTRUCTION DETAILS, WHETHER DUE TO FIELD BY THE ARCHITECT PRIOR TO EXECUTION. ANY UST BE APPROVED IN WRITING PRIOR TO EXECUTION. HE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED COPE OF WORK AND ALL FIELD CONDITIONS RELATED UCE. EXCEPTIONS AFFECTING THE WORK AND IT'S IDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF .FAILURE TO DO SO WILL NOT RESULT IN A CHANGE TO R'S SOLE RESPONSIBILITY TO PROVIDE ALL SCOPE OF WORK.	INFORMATIONAL DRAWING S 00.0 GENERAL NOTES, ABBREVIATIONS, DRAWING LIST, STAGING PLAN, LOCATION MAP AND LEGEND 01.1 EXISTING BRASEMENT LIFE SAFETY PLAN 01.1 EXISTING SECOND FLOOR LIFE SAFETY PLAN 01.2 EXISTING SECOND FLOOR LIFE SAFETY PLAN 01.1 PARTIAL BASEMENT DEMOLITION PLAN 01.1 PARTIAL FIRST FLOOR DEMOLITION PLAN 01.1 PARTIAL FIRST FLOOR DEMOLITION PLAN 01.1 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN 01.2 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN 01.3 OMIT 30.3 SECTIONS, PARTITION TYPES AND DETAIL A1.2 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN A1.3 OMIT 30.3 SECTIONS, PARTITION TYPES AND DETAIL A1.4 PLITY CLASSROOMS INTERIOR ELEVATIONS A60 FINISH SCHEDULE A70. DOOR SCHEDULE AND DETAILS ELECTRICAL LEGENDS ED11 E01 ELECTRICAL PARTIAL BASEMENT AND FIRST FLOOR DEMOLITION PLAN E11 ELECTRICAL PARTIAL BASEMENT AND FIRST FLOOR DEMOLITION PLAN E12 ELECTRICAL PARTIAL BASEMENT AND FIRST FLOOR DUIDITION PLAN E13 ELECT	EXISTING GRASS AREA EXISTING GRASS AREA EXISTING GRASS AREA EXISTING DOWS LANE ELEMENTARY SCHOOL
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SED PROJECT CONTROL NUMBER 66-04-02-02-0-002-02

CONTRACT G - GENERAL CONSTRUCTION, ELECTRICAL, PLUMBING AND ASBESTOS ABATEMENT WORK

			2 architects + engineers
		2700 Westch Purc 914.358.5 CONSULTANTS:	nester Avenue, Suite 415 chase, NY 10577 5623 ▪ www.h2m.com
		MARK DATE	DESCRIPTION
N	STAGING NOTES		
EXISTING ASPHALT BUS LOOP EXISTING GRASS AREA EXISTING ASPHALT PLAYGOUND EXISTING ASPHALT PARKING LOT STAGING AREA.	 POST SIGNS INDICATING CONSTRUCTION AREA AND CONSTRUCTION EMPLOYEE ENTRANCE. CONSTRUCTION FENCE TO BE 3'-0" HIGH CHAIN LINK FENCE LOCATED A MINIMUM OF 15'-0" FROM ALL WINDOW OPENINGS. ALL GATES ARE TO BE LOCKED AT ALL TIMES, EXCEPT FOR WHEN A WORKER IS IN ATTENDANCE TO PREVENT UNAUTHORIZED ENTRY. CONTRACTOR IS TO STAGE ON THE SITE IN SUCH A MANNER AS TO NOT BLOCK OR ENCROACH UPON EXISTING EXITS/ENTRANCES TO BUILDING, AND VEHICLE ACCESS. STAFF ENTRANCE / EGRESS ENTRANCE/EGRESS AFFECTED BY CONSTRUCTION ACTIVITY. TEMPORARY EGRESS TO BE MAINTAINED 	LIENT Irringto School II	ADDENDUM #1 FINAL BID DOCUMENT
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ARIANCES ARE IN PLACE AS REQUIRED, ATION OF VENTILATION SYSTEMS AND AT 16. THE CO	DUCK ILL.		
16. THE CONTRACTOR FOR GENERAL CONSTRUCTION SHALL PROVIDE TEMPORARY WEATHER-TIGHT AND INSULATED ENCLOSURES AS MAY BE REQUIRED BY THE SCOPE OF WORK FOR ALL EXTERIOR OPENINGS SO AS TO PROTECT ALL WORK FROM THE WEATHER, AND TO PROVIDE SECURITY AGAINST UNAUTHORIZED ENTRY. ENCLOSURES SHALL NOT CREATE DEAD END CONDITIONS, REQUIRED EXITS SHALL BE MAINTAINED FREE AND CLEAR.		SHEET TITLE GENE ABBREVIATIO STAGING PLA ANI	RAL NOTES, DNS, DRAWING LIST, AN, LOCATION MAP D LEGEND
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	DULE											
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ROOM NAME / NO.	FLOOR FINISH	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH		REMARKS
CORRIDOR / 100A	LVT	VINYL	GYP.	PAINT	EX. CMU, GYP, & GLASS	PAINT	GYP.	PAINT	EX. CMU, GYP, & GLASS	PAINT	EXPOSED PAINTED	INFUSIONS ACCENT CANOPIES BY ARMSTRONG, OR APPROVED EQUAL, MOUNTED FROM EXPOSED CEILING, SEE NOTE 1 BELOW.
BLDG. TRAP CL. / 011								EXISTIN	G TO REMAIN			
PLTW CLASSROOM / 113	LVT	VINYL	EX. CMU & GYP.	PAINT	EX. CMU & GYP.	PAINT	EX. CMU & GYP.	PAINT	GYP. & GLASS	PAINT	EXPOSED / GWB PANELS	DANOLINE DIRECT MOUNT ACOUSTICAL PERFORATED GYPSUM PANELS BY USG, OR APPROVED EQUAL, SEE NOTE 1 BELOW.
CLOSET 113B	LVT	VINYL	GYP.	PAINT	GYP.	PAINT	GYP.	PAINT	GYP.		GYP BOARD	
TOILET ROOM / 113A								EXISTIN	G TO REMAIN			
LIBRARY / 114	CARPET	VINYL	GYP.	PAINT	EX. CMU & GYP.	PAINT	EX. CMU	PAINT	EX. CMU & GYP.	PAINT	EXPOSED / CLG.	SOUNDSCAPE SHAPES CEILING PANELS IN HEXAGON SHAPE BY ARMSTRONO OR APPROVED EQUAL, SEE NOTE 1 BELOW.
TOILET ROOM / 114A								EXISTIN	G TO REMAIN			
								EXISTIN	G TO REMAIN			
CLOSET / 114B											\sim	
LIBRARIAN OFFICE / 114C	CARPET	VINYL	СМО	PAINT	EX. CMU & GYP.	PAINT	EX. CMU	PAINT	СМИ	PAINT	PAINT COLOR: WHITE	EXISTING CEILING TO REMAIN. PATCH AS REQUIRED, PRIME AND PAINT.
LIBRARIAN OFFICE / 114C	CARPET	VINYL	СМU	PAINT	EX. CMU & GYP.	PAINT	EX. CMU	PAINT	CMU G TO REMAIN	PAINT	PAINT COLOR: WHITE	EXISTING CEILING TO REMAIN. PATCH AS REQUIRED, PRIME AND PAINT.
LIBRARIAN OFFICE / 114C TOILET ROOM / 114D PLTW CLASSROOM / 115	CARPET	VINYL	CMU EX. CMU & GYP.	PAINT	EX. CMU & GYP. GYP. & GLASS	PAINT	EX. CMU EX. CMU & GYP.	PAINT EXISTING PAINT	CMU G TO REMAIN EX. CMU & GYP.	PAINT	PAINT COLOR: WHITE EXPOSED / GWB PANELS	EXISTING CEILING TO REMAIN. PATCH AS REQUIRED, PRIME AND PAINT. DANOLINE DIRECT MOUNT ACOUSTICAL PERFORATED GYPSUM PANELS BY USG, OR APPROVED EQUAL, SEE NOTE 1 BELOW.
LIBRARIAN OFFICE / 114C TOILET ROOM / 114D PLTW CLASSROOM / 115 TOILET ROOM / 115A	CARPET	VINYL	CMU EX. CMU & GYP.	PAINT	EX. CMU & GYP. GYP. & GLASS	PAINT	EX. CMU EX. CMU & GYP.	PAINT EXISTING PAINT EXISTING	CMU G TO REMAIN EX. CMU & GYP. G TO REMAIN	PAINT	PAINT COLOR: WHITE EXPOSED / GWB PANELS	EXISTING CEILING TO REMAIN. PATCH AS REQUIRED, PRIME AND PAINT. DANOLINE DIRECT MOUNT ACOUSTICAL PERFORATED GYPSUM PANELS BY USG, OR APPROVED EQUAL, SEE NOTE 1 BELOW.
LIBRARIAN OFFICE / 114C TOILET ROOM / 114D PLTW CLASSROOM / 115 TOILET ROOM / 115A CLOSET 115B	LVT	VINYL	CMU EX. CMU & GYP. GYP.	PAINT PAINT PAINT	EX. CMU & GYP. GYP. & GLASS GYP.	PAINT PAINT PAINT	EX. CMU EX. CMU & GYP.	PAINT EXISTING PAINT EXISTING PAINT	CMU G TO REMAIN EX. CMU & GYP. G TO REMAIN GYP.	PAINT PAINT PAINT	PAINT COLOR: WHITE EXPOSED / GWB PANELS GYP BOARD	EXISTING CEILING TO REMAIN. PATCH AS REQUIRED, PRIME AND PAINT. DANOLINE DIRECT MOUNT ACOUSTICAL PERFORATED GYPSUM PANELS BY USG, OR APPROVED EQUAL, SEE NOTE 1 BELOW.
LIBRARIAN OFFICE / 114C TOILET ROOM / 114D PLTW CLASSROOM / 115 TOILET ROOM / 115A CLOSET 115B SERVICE ROOM / G2A	CARPET LVT LVT LVT PATCH TO MATCH EXISTING AS REQUIRED	VINYL VINYL VINYL MATCH EXISTING	CMU EX. CMU & GYP. GYP. GYP.	PAINT PAINT PAINT PAINT	EX. CMU & GYP. GYP. & GLASS GYP. GYP.	PAINT PAINT PAINT PAINT	EX. CMU EX. CMU & GYP. GYP.	PAINT EXISTING PAINT EXISTING PAINT PAINT	CMU TO REMAIN EX. CMU & GYP. TO REMAIN GYP. GYP.	PAINT PAINT PAINT PAINT	PAINT COLOR: WHITE EXPOSED / GWB PANELS GYP BOARD PATCH TO MATCH EX. AS REQ'D	ALT. G-1, MATCH EXISTING STAINED 1X6 WOOD BASE MOLDING (V.I.F.)

NOTE 1: ALL EXPOSED ITEMS TO BE PAINTED INCLUDING BUT NOT LIMITED TO THE UNDERSIDE OF EXISTING ROOF DECK, DUCTS, WIRES, CONDUIT, AND ELECTRICAL BOXES

Transition Details



GYP. = 5/8" THICK IMPACT RESISTANT GYPSUM WALLBUARD

		2 M	architects + engineers							
2700 Westchester Avenue, Suite 415 Purchase, NY 10577 914.358.5623 • www.h2m.com										
CONSULTANTS:										
MARK	DATE		ESCRIPTION							
	12/09/2021 11/18/2021	FINA	ADDENDUM #1 AL BID DOCUMENT							
DESIGNED BY: BSP	ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"									
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