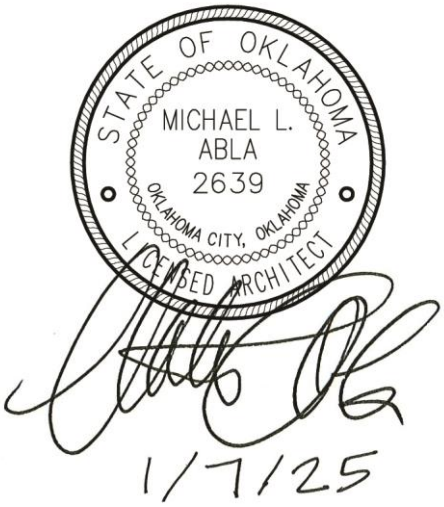
MOORE PUBLIC SCHOOLS -
CHILD CARE CENTER
Moore Public Schools - Moore, Oklahoma
AGP - Moore, Oklahoma

ADDENDUM NO. 7
January 7, 2025



This addendum applicable to work designated herein, shall be understood to be an Addendum, and as such shall be included in the Contract Agreement.

Receipt of this Addendum shall be acknowledged by the Construction Management Firm notifying this office in writing, and by any applicable subcontractor to the CM.

This addendum consists of two (2) pages with attachments of eleven (11) 8.5″x11″ pages, one (1) 11″x17″ sheet, and one (1) 24″x36″ sheet.

A. Drawings:

Civil / Architectural Demolition / Structural

No changes.

Architectural

1. Sheet A106, Detail 1, Reflected Ceiling Plan: indicated areas to receive Kitchen Zone Acoustical Ceiling Tile System. Refer to attachment.

2. Sheet A401, Detail 16, Typical Diaper Counter: refer to revisions and clarification of countertop materials as per attached revised detail 16A401.

Mechanical, Electrical, and Plumbing

Refer to attachments.

Food Service Documents

No changes.

B. Specifications:

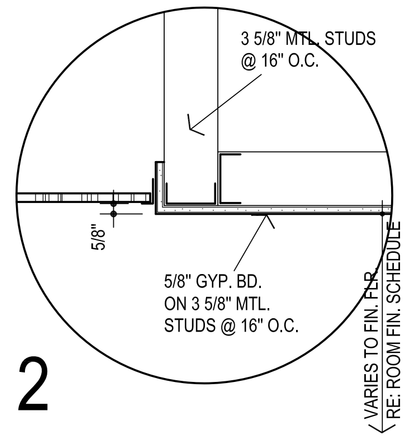
1. Section 095113 - Acoustical Panel Ceilings – Kitchen Zone: refer to attached specification section for the acoustical ceiling tiles required at the Kitchen as indicated by revised Sheet A106.

END OF ADDENDUM NO. 7

1 REFLECTED CEILING PLAN

3/32" = 1'-0"

NORTH



2

LEGEND:

- MECHANICAL OPENINGS
- ELECTRICAL FIXTURES
- CEILING MOUNTED SMOKE DETECTOR, RE: ELEC
- INDICATES AREA / ROOM TO RECEIVE GYP. BD.. CEILING
- INDICATES AREA / ROOM TO RECEIVE 2X2 LAY-IN CEILING
- INDICATES AREA / ROOM TO RECEIVE 2X2 LAY-IN KITCHEN ZONE CEILING (2)

NOTES:

1. REFER MECHANICAL & ELECTRICAL FOR ANY ADDITIONAL CEILING MOUNTED FIXTURES
2. REFER TO SHEET A100 FOR LOCATIONS OF FIRE-RATED WALLS

NOTES:

1. ALL CEILINGS TO BE LOCATED AT 9'-0" A.F.F. UNLESS NOTED OTHERWISE.

2. THESE DRAWINGS INDICATE THE LIMITS OF FINISHES FOR AREAS THAT HAVE MULTIPLE TYPES AND COLORS. REFER ROOM FINISH SCHEDULE FOR CEILING MATERIAL AND COLOR DESIGNATIONS NOT SHOWN ON THIS SHEET.

3. ALL FURRDOWNS SHALL BE PAINTED UNLESS NOTED OTHERWISE.

4. ALL CEILING FURRDOWNS SHALL BE BRACED WITH LIGHT GAUGE FRAMING TO PREVENT SWAYING.

5. ALL CEILINGS, FURRDOWNS, PIPES, DUCTS, EQUIPMENT, ETC. SHALL BE SUSPENDED FROM STRUCTURAL STEEL ABOVE. DO NOT SUPPORT ITEMS FROM METAL DECK ONLY. REFER STRUCTURAL FOR REQUIREMENTS OF ATTACHMENT TO STEEL.

6. MECHANICAL AND ELECTRICAL DISCIPLINES ARE SHOWN FOR INFORMATION PURPOSES ONLY. REFER TO CONSULTANT SHEETS FOR EXACT FIXTURE LOCATIONS.

7. COORDINATE LOCATION OF ANY CONTROL JOINTS NOT SHOWN WITH THE ARCHITECT PRIOR TO INSTALLATION.

8. PROVIDE DRYWALL CONTROL JOINTS AT WALLS, CEILINGS AND SOFFITS, FURRINGS, ETC., WHERE SHOWN ON DRAWINGS, AND THE FOLLOWING LOCATIONS (SHOWN OR NOT):

A. AT OTHER LOCATIONS WHERE STRUCTURAL SUPPORT FOR FRAMING CHANGES LEVEL OR MATERIAL, OR WHERE DIFFERENTIAL MOVEMENT IS LIKELY TO OCCUR,
B. AT LOCATIONS WHERE CEILING FRAMING MEMBERS CHANGE DIRECTION,
C. AT 30' MAX SPACING IN ANY UNINTERRUPTED STRAIGHT PLANE OR CURVE FOR WALLS, CEILINGS AND SOFFITS (IN TWO DIRECTIONS),
D. AT DOORS, WINDOWS AND OPENINGS LESS THAN OR EQUAL TO 4'-0" WIDE, FROM ONE EDGE OF FRAME, TO TOP OF WALL, AND TO FLOOR IF OPENING DOES NOT EXTEND TO FLOOR,
E. AT DOORS, WINDOWS AND OPENINGS GREATER THAN 4'-0" WIDE, FROM BOTH EDGES OF FRAME, TO TOP OF WALL, AND TO FLOOR IF OPENING DOES NOT EXTEND TO FLOOR,
F. AT BUILDING CONTROL JOINTS, SEISMIC JOINTS AND EXPANSION JOINTS,
G. AT LOCATIONS OF EXTREME DIFFERENCE IN THE DIMENSIONS OF ADJACENT DRYWALL AREAS.

9. REFER TO SHEET A102 FOR LOCATIONS OF FIRE-RATED WALLS

AGP
the Abla Griffin Partnership L.L.C.

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CEDAR CREEK
CIVIL

KFC ENGINEERING
STRUCTURAL

SALAS O'BRIEN
MECHANICAL / ELECTRICAL

STATE OF OKLAHOMA
MICHAEL L. ABLA
2639
REGISTERED ARCHITECT
10/14/22

CG
drawn by

MA
checked by

OCTOBER 2024
date

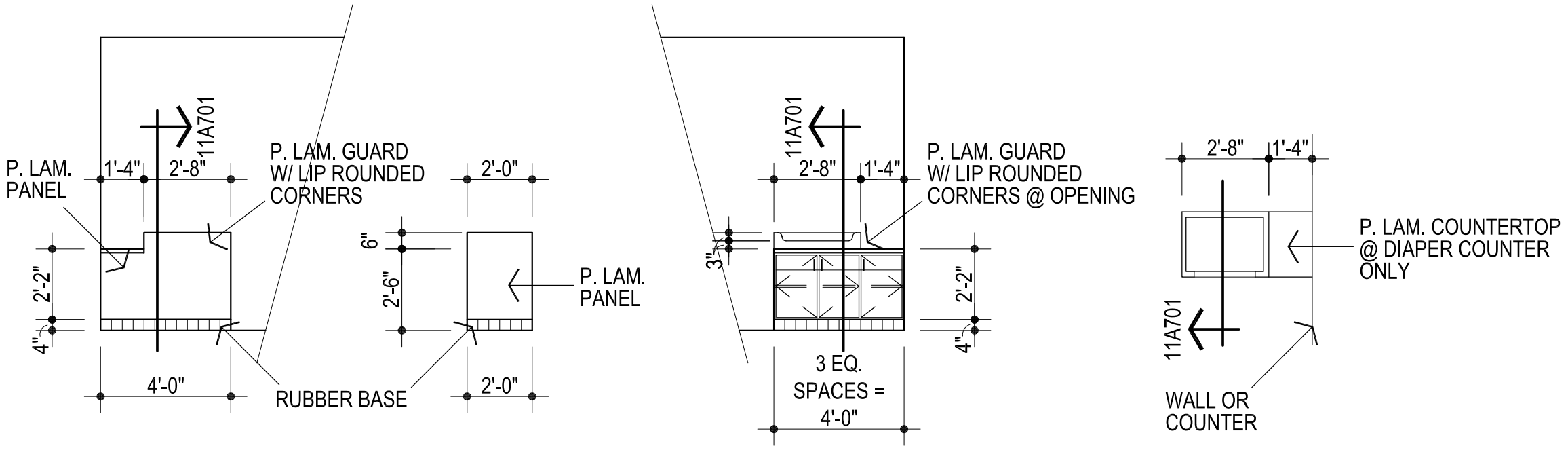
revisions
1. ADDENDUM #1
2. ADDENDUM #7

MOORE PUBLIC SCHOOLS

CHILD CARE FACILITY
201 N. EASTERN AVE.

sheet no:

A106



16 TYP. DIAPER COUNTER - ADDENDUM NO. 7

1/4" = 1'-0"

TYP. @ ALL 20 LOCATIONS

REFER FLOOR PLANS FOR COUNTER LOCATIONS

ADDENDUM 07

Issue Date: January 7, 2025

Project Information

Client: Abla Griffin Partnership
Project Name: MPS Daycare
Project Location: Moore, OK
Owner: Moore Public Schools
Engineer: Salas O'Brien, LLC

Project No. 2450-70304-00

To Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated November 12, 2024, (and previous addenda), with amendments and additions noted below.

This Addendum consists of (2) pages and (1) attachments.

- Index of Attachments
  - RFI 007 - Technology

Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may disqualify Bidder.

CHANGES TO BIDDING REQUIREMENTS

The intercom system design and installation clarifying scope:

- Requesting 2 admin consoles. 1 in Reception (402) and 1 in Office (404).
- Remove all volume controls from offices. The speaker volume will be adjusted via the intercom software page.
- Bathroom Paging speakers that are inside a classroom are to be tied to the classroom speaker.
- Required Status lights are referred to in note C. but are not depicted on project drawings.
- Paging speakers labeled "IP module with Amp" are to be 25/70v paging speakers daisy chained with 16/2 and routed to the closest IDF. The IP Network paging module with an associated amplifier for the series of speakers will be located at the switch.

- Outdoor paging speakers are to be on their own network paging module with amp for a single addressable paging zone.
- Bathroom paging speakers that are NOT inside a classroom shall be tied to the hallway speakers and are to be on their own network paging module with amp for a single addressable paging zone.
- MEP/Storage & Receiving Area speakers are to be on their own network paging module with amp for a single addressable paging zone.
- Cafeteria/Kitchen area: Call button in kitchen will be tied to the 2 overhead speakers in the kitchen area for talk-back. The speakers shown in dry storage, the cafeteria, the hallway 425, toilet 423, and locker 424 will all be tied together and become the cafeteria paging zone on their own network paging module with amp for a single addressable paging zone.
- Kitchen Office 422 will have its own call button and status light so it can be communicated to independently. It will also be programmed into the Cafeteria Paging zone.

END OF ADDENDUM [07]

MNI CONSTRUCTION
P. O. Box 892245 • OKC, OK 73189
OFFICE: 405-735-3992 • CELL: 405-570-7881

Request For Information

Date	January 6th , 2025
Project	MPS Child Care Facility
Subcontractor / Supplier	
	Address:
Manufacturer	
Spec. Section	RFI #7 – Technology

Notes Below

Clay / Mike please see the RFI request from Firetrol attached below.

Thank you for getting the answers on this, with the publication of ADD6 Friday, can you give any more details on the DAS system now required?

One crucial piece of information needed to complete a DAS System, is how many and what type of cellular carriers they are expecting to bring up AT&T, Version, Sprint, T-Mobile .

Please advise?

Thank you
Submitted By: Chris Dysart

The specified DAS system CEL-FI QUATRA 4000c boosts cell service for Verizon, T-Mobile & AT&T, which is the minimum service providers required. System shall work for a minimum 50 users.
- Rodney Cobb MPS 1/7/2024

SECTION 09 51 13

ACOUSTICAL PANEL CEILINGS

KITCHEN ZONE

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

Drawings and general conditions of Contract, including General and Supplementary Conditions and Divisions-1 Specification sections apply to work of this section.

1.2 SUMMARY

A. Section Includes

1. Acoustical ceiling panels
2. Exposed grid suspension system – refer other sections.
3. Wire hangers, fasteners, main runners, cross tees, and wall angle moldings – refer other sections.
4. Perimeter Trim – refer other sections.

B. Related Sections

1. Section 09 500 – Acoustical Treatment
2. Section 09 120 - Ceiling Suspension Systems
3. Section 09 250 - Gypsum Wallboard
4. Division 23 - HVAC Air Distribution
5. Division 26 - Electrical

C. ALTERNATES

1. Prior Approval: Unless otherwise provided for in the Contract documents, proposed product substitutions may be submitted as approved by the Architect. Acceptability of a proposed substitution is contingent upon the Architect's review of the proposal for acceptability and approved products will be noted. If included in a Bid are substitute products that have not been approved by the architect and included in the Addenda, the originally specified products shall be provided without additional compensation.
2. Submittals that do not provide adequate data for the product evaluation will not be considered. The proposed substitution must meet all requirements of this section, including but not necessarily limited to, the following: Single source materials suppliers; Underwriters' Laboratories Classified Acoustical performance; Panel design, size, composition, color, and finish; Suspension system component profiles and sizes; Compliance with the referenced standards.

1.3 REFERENCES

A. American Society for Testing and Materials (ASTM):
   1. ASTM A 1008 Standard Specification for Steel, Sheet, Cold Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability
   2. ASTM A 641 Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire
   3. ASTM A 653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process
   4. ASTM C 423 Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
   5. ASTM C 635 Standard Specification for Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings
   6. ASTM C 636 Recommended Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels
   7. ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
   8. ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials
   9. ASTM E 580 Installation of Metal Suspension Systems in Areas Requiring Moderate Seismic Restraint
   10. ASTM E 1111 Standard Test Method for Measuring the Interzone Attenuation of Ceilings Systems
   11. ASTM E 1414 Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum
   12. ASTM E 1264 Classification for Acoustical Ceiling Products

B. International Building Code

C. ASHRAE Standard 62.1-2004, Ventilation for Acceptable Indoor Air Quality

D. NFPA 70 National Electrical Code

E. ASCE 7 American Society of Civil Engineers, Minimum Design Loads for Buildings and Other Structures

F. International Code Council-Evaluation Services - AC 156 Acceptance Criteria for Seismic Qualification Testing of Non-structural Components

G. International Code Council-Evaluation Services Report - Seismic Engineer Report
   1. ESR 1308 - Armstrong Suspension Systems

H. International Association of Plumbing and Mechanical Officials - Seismic Engineer Report
   1. 0244 - Armstrong Single Span Suspension System

I. International Well Building Standard

J. Mindful Materials
K. Living Building Challenge
L. U.S. Department of Agriculture BioPreferred program (USDA BioPreferred).
M. Clean Rooms up to ISO Class 5 (Class 100)

1.4 SYSTEM DESCRIPTION

A. Continuous/Wall-to-wall

1.5 SUBMITTALS

A. Product Data: Submit manufacturer's technical data for each type of acoustical ceiling unit and suspension system required.
B. Samples: Minimum 6-inch x 6-inch samples of specified acoustical panel; 8-inch-long samples of exposed wall molding and suspension system, including main runner and 4-foot cross tees.
C. Shop Drawings: Layout and details of acoustical ceilings show locations of items that are to be coordinated with or supported by the ceilings.
D. Acoustical Certifications: Manufacturer's certifications that products comply with specified requirements, including laboratory reports showing compliance with specified tests and standards. For acoustical performance, each carton of material must carry an approved independent laboratory classification, such as Underwriter’s Laboratory (UL), of NRC, CAC, and AC.
    1. If the material supplied by the acoustical subcontractor does not have an independent laboratory classification of acoustical performance on every carton, subcontractor shall be required to send material from every production run appearing on the job to an independent or NVLAP approved laboratory for testing, at the architect's or owner's discretion. All products not conforming to manufacturer's current published values must be removed, disposed of, and replaced with complying product at the expense of the Contractor performing the work.

1.6 SUSTAINABLE MATERIALS

A. Transparency: Manufacturers will be given preference when they provide documentation to support sustainable requirements for the following: Material ingredient transparency, Removal of Red List Ingredients per LBCV3, Life Cycle impact information, Low-Emitting Materials, and Clean Air performance.
    1. Health Product Declaration (HPD). The end use product has a published, complete Health Product Declaration with disclosure at a minimum of 1000ppm of known hazards in compliance with the Health Product Declaration Open Standard.

2. Declare Label. The end use product has a published Declare label by the International Living Future Institute with disclosure of 100 ppm with a designation of Red List Free or Compliant (less than 1% proprietary ingredients).
3. Low Emitting products with VOC emissions data. Preference will be given to manufacturers that can provide emissions data showing their products meet any of the following: CDPH/EHLB/Standard Method v1.2-2017; Indoor Air Quality Certified to SCS-105 v4.2-2023
4. Life cycle analysis. Products that have communicated lifecycle data through Environmental Product Declarations (EPDs) will be preferred.
5. End of Life Programs/Recycling: Where applicable, manufacturers that provide the option for recycling of their products into new products at end-of-life through take-back programs will be preferred.
6. Products meeting LEED V4 requirements including:
    i. Storage & Collection of Recyclables
    ii. Construction and Demolition Waste Management Planning
    iii. Building Life-Cycle Impact Reduction
    iv. Building Product Disclosure and Optimization Environmental Product Declarations
    v. Building Product Disclosure and Optimization Sourcing of Raw Materials
    vi. Building Product Disclosure and Optimization Material Ingredients
    vii. Construction and Demolition Waste Management

1.7 QUALITY ASSURANCE

A. Single-Source Responsibility: Provide acoustical panel units and grid components by a single manufacturer to ensure fit and function.
B. Installer Qualifications: Company specializing in performing specified work type, a minimum of three years of documented experience, and approved by the manufacturer.
C. Fire Performance Characteristics: Identify acoustical ceiling components with appropriate markings of applicable testing and inspecting organization.
D. Surface Burning Characteristics: Tested per ASTM E 84 and complying with ASTM E 1264 Classification.

1.8 DELIVERY, STORAGE, AND HANDLING

A. Deliver acoustical ceiling units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.

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

1.9 PROJECT CONDITIONS

A. Space Enclosure:
    1. HumiGuard Plus Ceilings: Building areas to receive ceilings shall be free of construction dust and debris. Products with HumiGuard Plus performance and hot dipped galvanized steel, aluminum or stainless-steel suspension systems can be installed up to 120°F (49°C) and in spaces before the building is enclosed, where HVAC systems are cycled or not operating. Cannot be used in exterior applications where standing water is present or where moisture will come in direct contact with the ceiling.

1.10 ALTERNATE CONSTRUCTION WASTE DISPOSAL

A. Ceiling material being reclaimed must be kept dry and free from debris.
B. Before disposing of ceilings, contact the Armstrong Recycling Center at 877-276-7876, select option #1 then #8 to review with a consultant the condition and location of building where the ceilings will be removed. The consultant will verify the condition of the material and that it meets the Armstrong requirements for recycling. The Armstrong consultant will help facilitate the process to recycle the ceiling.
C. Recycling may qualify for LEED Credits:
    1. LEED 2009 - Category 4: Material and Resources (MR)
        i. Credit MRc2: Construction Waste Management
    2. LEEDv4 - MRp2
        i. Construction Waste Management Planning Qualifies as a material stream (non-structural) targeted for diversion. Ceilings will be source-separated and diverted through the Armstrong Ceiling Recycling Program.

1.11 WARRANTY

A. Acoustical Panel: Submit a written warranty executed by the manufacturer, agreeing to repair or replace panels that fail within the warranty period. Failures include, but are not limited to the following:
    1. Acoustical Panels with HumiGuard® Max and HumiGuard® Plus performance: sagging and warping
    2. Acoustical panels with BioBlock® performance: growth of mold and mildew
    3. Grid System: rusting and manufacturer's defects

B. Warranty Period:
    1. Ceiling System: Thirty (30) years from date of substantial completion
C. The Warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents.

1.12 MAINTENANCE

A. Extra Materials: Deliver extra materials to Owner. Furnish extra materials described below that match products installed. Packaged with protective covering for storage and identified with appropriate labels.
    1. Acoustical Ceiling Units: Furnish quality of full-size units equal to 5.0 percent of amount installed.
    2. Exposed Suspension System Components: Furnish quantity of each exposed suspension component equal to 2.0 percent of amount installed.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

A. Ceiling Panels:
    1. Armstrong World Industries, Inc.

2.2 ACOUSTICAL CEILING UNITS

A. Acoustical Panel Ceilings
    1. Surface Texture: Smooth Texture
    2. Composition: Mineral Fiber
    3. Color: White
    4. Size: 24 in x 24 in
    5. Edge Profile: Square Lay-in
    6. Ceiling Attenuation Class (CAC): ASTM E1414/E1414M; Classified with UL label on product carton: 33
    7. Flame Spread: ASTM E 1264; Class A
    8. Light Reflectance (LR) White Panel: ASTM E 1477; 0.89
    9. Dimensional Stability: HumiGuard Plus
    10. Recycle Content: Up to 36% total recycled content. (Total recycled content: pre-consumer, post-consumer and post-industrial)
    11. Material Ingredient Transparency: Health Product Declaration (HPD); Declare Label
    12. Life Cycle Assessment: Third Party Certified Environmental Product Declaration (EPD)
    13. Indoor Air Quality Certified to SCS-105 v4.2-2023
    14. Basis of Design: **KITCHEN ZONE** as manufactured by Armstrong World Industries, Inc.

15. Substitutions: Refer to Alternates in Part 1.

PART 3 – EXECUTION

3.1 EXAMINATION

A. Do not proceed with installation until all wet work such as concrete, terrazzo, plastering and painting has been completed and thoroughly dried out, unless expressly permitted by manufacturer's printed recommendations.

3.2 PREPARATION

A. Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Avoid use of less than half width units at borders and comply with reflected ceiling plans. Coordinate panel layout with mechanical and electrical fixtures.
B. Coordination: Furnish layouts for preset inserts, clips, and other ceiling anchors whose installation is specified in other sections.
    1. Furnish concrete inserts and similar devices to other trades for installation well in advance of time needed for coordination of other work.

3.3 INSTALLATION

A. Follow manufacturer installation instructions.
B. Install suspension system and panels in accordance with the manufacturer's instructions, and in compliance with ASTM C 636 and with the authorities having jurisdiction.
C. Suspend main beam from overhead construction with hanger wires spaced 4 feet on center along the length of the main runner. Install hanger wires plumb and straight.
D. Install wall moldings at intersection of suspended ceiling and vertical surfaces. Miter corners where wall moldings intersect or install corner caps.
E. For reveal edge panels: Cut and reveal or rabbet edges of ceiling panels at border areas and vertical surfaces.
F. Install acoustical panels in coordination with suspended system, with edges resting on flanges of main runner and cross tees. Cut and fit panels neatly against abutting surfaces. Support edges by wall moldings.

3.4 ADJUSTING AND CLEANING

A. Replace damaged and broken panels.

B. Clean exposed surfaces of acoustical ceilings, including trim, edge moldings, and suspension members. Comply with manufacturer's instructions for cleaning and touch up of minor finish damage. Remove any ceiling products that cannot be successfully cleaned and or repaired. Replace with attic stock or new product to eliminate evidence of damage.

END OF SECTION