Goodwyn Mills Cawood
11 North Water Street
Suite 15250
Mobile, Alabama 36602
T 251.460.4006
F 251.460.4423

FASCIMILE TRANSMITTAL COVER SHEET

DATE: **February 4, 2026**

TO: **Doris Furr**

FROM: **Planholder**

PROJECT: **TRUCK DRIVING SCHOOL**
For BISHOP STATE COMMUNITY COLLEGE
GMC PROJECT NO. AMOB250055

RE: **ADDENDUM NO. 1 AND ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 1**

ACKNOWLEDGEMENT OF RECEIPT:

PLEASE PRINT RECIPIENT'S NAME, FIRM, AND DATE RECEIVED.

THEN FAX BACK TO (251) 460-4423 or EMAIL doris.furr@gmcnetwork.com
FOR OUR RECORDS AND TO ACKNOWLEDGE YOUR RECEIPT OF THIS ADDENDUM.

_____
NAME *(PLEASE PRINT)*

_____
FIRM *(PLEASE PRINT)*

_____
DATE RECEIVED *(PLEASE PRINT)*

Pages to follow this page 54

ADDENDUM NUMBER 1 **February 4, 2026**

PROJECT:
TRUCK DRIVING SCHOOL
BISHOP STATE COMMUNITY COLLEGE
GMC PROJECT NO. AMOB250055

AD1-1 CLARIFICATIONS / RFI RESPONSES / ADDITIONS / ETC.:

A. Bidders shall acknowledge receipt of the Addendum in writing, as provided on the Acknowledgment Receipt.

B. Information is for the addition of fire dampers in the one hour rated walls surrounding the mechanical and electrical rooms. A total of ten fire dampers have been added.

Included with installation of the fire dampers are duct mounted access doors. Access doors installed above sheet rock ceilings shall require access panels in the ceilings. These access panels need to be coordinated with the reflected ceiling plans. Drawings M1.01 HVAC New Work Plan and Drawing M2.01 HVAC Schedules and Details are included to reflect this information.

C. On page C-901 the details about concrete parking paving and skills pad paving mention a 6" and 10" slab but the joint details to the left say 4" and 6" I just want clarification as to which number is correct that should be used for estimating purposes.
RESPONSE: See attached C-901 for clarification.

D. The required thickness of the skills pad has conflicting specifications. The detail on Drawing C-102 shows the thickness to be 8". The detail on Drawing C-901 shows the thickness to be 10". Please clarify.

RESPONSE: See attached C-901 for clarification.

E. The Geotech report includes a requirement of 24" of structural fill under the building and extending out 10' beyond the building footprint. Does this same requirement include the Skills Pad and the Storm Shelter?

RESPONSE: Yes it does, if the pads are less than 1,500 SF it can be reduced to 5' outside the pads instead of 10'.

F. Notes on drawing A1.01 States that the Smart Boards are to be provided and installed under this contract. I am unable to locate a specification for the Smart Boards. Please provide this specification.

RESPONSE: Smart boards will be provided by the Owner and installed by the Contractor.

G. Details for the exterior windows shown on Drawing A6.01 notates that the frames are to be hollow metal. Please provide a specification for the window hollow metal frames.

RESPONSE: Windows are impact resistant aluminum storefront.

H. Please advise Other Signage Layouts for all signage required per attached Drawing. Only signage showed are A1 & A4 which doesn't correspond with sign types SN4, SN2, SN6, SN3, SN5 Drawings G2.03

RESPONSE: Building and Gate Signs A, Sign B, Sign C are on sheet A0.01 and A4.01. SN1 is the Evacuation Map Signage on sheet G2.00. SN2, SN3, SN4, SN5, SN6 are on sheet G2-03. See revised and clouded sheet G2-03. A sign legend has been added. All signage for the Tornado Room shall be included in the Base Bid.

I. Please advise Plaque Size/Layout; Specs 2.3 104250

RESPONSE: Plaque size shall be 24"x30" See attached Specification Section 101423

J. Please advise interior Signage Needed Layouts/Qtys.

RESPONSE: See response "H" above. SN1 are the Evacuation Map Signage and they are on sheet G2.00. There are 9 Evacuation Maps. 13 Door signs, see attached Allowance Spec.

K. Please advise sizes for (2) Vinyl Logos shown on sheet A8.01.

RESPONSE: E6 Vinyl Logo shall be 2'x6', but the vinyl will be the whole wall, which is about 14'-8" x 9'-0" (Field Verify). A2 Vinyl Logo is 5'-0" diameter, but the vinyl will be the whole wall, which is about 14'-8"x 9'-0" (Field Verify).

L. We are requesting the following to be included as acceptable materials/manufacturers:

- ALOK-16 Standing Seam PBR
- Vulcan Steel Structures
- Rockfon Chicago Metallic ACT

RESPONSE: All these manufacturers / products shall be included as an approved manufacturer/product, contingent upon meeting all the conditions and requirements of the plans and specifications.

M. Notes on drawing A0.01 Calls for a KNOX box and signage to be installed at the existing entrance gate. Are these listed items to be included in this contract?

RESPONSE: Yes.

N. There is a conflict in the required thickness of the solid surface tops. The details on drawing A7.02 clearly call for the solid surface material to be ¾". The thickness of the solid surface material for the window sills as shown on detail A2/A6.01 clearly calls for ¾" Solid surface material.

The description of solid surface material, SS-1, on the finish schedule, A8.01, describes the required cabinet top material to be Corian, color white and thickness to be ½". Please clarify the requires thickness of the solid surface material at each of the locations requiring solid surface installations.

RESPONSE: 3/4" for solid surface windowsills. ¾" for solid surface countertops on ¾" plywood substrate.

O. Due to the on going activities adjacent to each of the construction areas, the Building, Storm Shelter and Skills Pad, is a temporary security fence required?

RESPONSE: Yes. At a minimum work areas shall be indicated by yellow caution tape. Contractor shall determine the level of safety/security required of their work site.

P. Specification Section 055000 Paragraph 2.9 requires metal downspout boots that are to empty into "pipe". There are no details for the downspout boots and there is no underground piping. Please provide details and clarify this specification.

RESPONSE: No downspout boots are required. Downspouts shall include precast concrete splash blocks and will surface drain.

Q. A2.01 in the ceiling plans its calling for school zone fine fissured air assure angular tegular 2x2x3/4, the question is can we use a standard fine fissured tile, it is a 1/4 of the cost.

RESPONSE: Provide Armstrong School Zone Fine Fissured #1713 Ceiling Tiles. See attached cut sheet for suspended acoustical ceilings.

R. Can you please confirm the following Corian Glacier White in the finish legend lists 1/2" as the thickness but some of the casework drawings such as G8,B5, B8 & B11 page A7.02 detail them at 2cm (3/4") and also the sill detail A2 page A6.01. Cost would be more effective if it is all listed at 1/2" as the 3/4" sheets are double the price.

RESPONSE: ¾" thickness.

S. Also, the spec manual page calls out the solid surface tops at 1" thick and INTEGRAL SINKS, but the plumbing drawings list the sinks as P-3A as a drop-in

RESPONSE: Solid Surface Integral sink.

T. On the 8ft tall black vinyl coated enclosure to go around the condensing units. In the plans it says to create a top to the gate like a "cage". Are you wanting us to install fence wire over the enclosure to prevent people from jumping over the fence and into the area?

RESPONSE: Yes.

AD1-2 ISSUED SPECIFICATIONS:

A. 012100 – Allowances
B. 101423 - Signs

AD1-3 ISSUED DRAWINGS:

A. G2-03 LIFE SAFETY PLAN – STORM SHELTER
B. C-901 CIVIL DETAILS
C. A8-01 FINISH PLAN, LEGEND & SCHEDULE
D. M1.01 HVAC New Work Plan
E. M2.01 HVAC Schedules and Detail.

AD1-4 ATTACHMENTS:

A. Addendum No. 1 Received Response form
B. Pre-Bid Meeting Agenda/Minutes
C. Pre-Bid Sign-In Sheet
D. Acoustical Ceiling Data Sheet
E. Substitution Request 001 – ALOK-16 Standing Seam PBR
F. Substitution Request 002 – Vulcan Steel Structures
G. Substitution Request 003 – Rockfon Chicago Metallic

END OF ADDENDUM

PREPARED BY

Goodwyn Mills Cawood, LLC
11 North Water Street, Suite 19290
Mobile, Alabama 36602
T 251.460.4006
F 251.460.4223

PRE-BID CONFERENCE AGENDA

FOR

BISHOP STATE COMMUNITY COLLEGE
TRUCK DRIVING SCHOOL
GMC PROJECT NO. AMOB250055
January 29, 2026 at 10:00 a.m.

Note: *This Agenda is complimentary, for general use as an outline and for discussion during this meeting. Any errors, omissions, or clarifications shall be communicated to the Architect for distribution. This Agenda does not attempt to be, nor represent, any recapitulation of Project requirements, and does not change or alter same in any respect; Changes, if any, will only be made by written Addendum.*

1. Welcoming remarks. Reminder to sign in on sheet being circulated

2. Name of Owner - **Bishop State Community College**
President – Olivier Charles
Director of Facilities - Kenney Holder

Architect - **Goodwyn Mills Cawood, LLC**
Jim Walker - Architect of Record / Vice-President
Daniel Greer– Construction Administration
Sarah Downs - Interior Designer
Doris Furr - Administrative Assistant

3. Every General Contractor and every Subcontractor should read and be familiar with all the "front-end" documents and all of Division 1 of the Project Manual, in addition to the work they are bidding and must coordinate with.

4. **Bid time, date, place** - is indicated in the Advertisement for Bids; Bishop State Community College on **February 12, 2026, at 2:00 p.m. CST at the Business Technology Center on the Main Campus of BSCC, in the Ground Floor BTC Auditorium** at 351 North Broad Street, Mobile Alabama, 36603. It is the Contractor's responsibility to make sure Bid is received prior to bid time or it will not be accepted.

5. Note that Advertisement and Instructions to Bidders should be read by each bidder. For insurance requirements refer to General Conditions of the Contract (ACCS Form 2-B) Article 37. A Certificate of Insurance evidencing all the minimum requirements must be provided to and accepted by Bishop State Community College PRIOR to commencing on the contract.

6. Contractors shall use the Proposal Form included in Project Manual, copies of which are furnished to each bidder with Bid Documents. Bids must include Attachment A to Proposal Form (Unit Prices) at Bid time and date. Only 1 copy is required to be submitted.

7. Bidders are required to provide a list (Attachment B to Proposal Form) of all proposed subcontractors, fabricators, and suppliers for the work. Said list must be provided with the proposal form or at the contractor's option no later than 24 hours after receipt of the bids.

8. Before submitting a bid for the Work, the bidders shall carefully examine the Bid Documents, visit the site, and satisfy themselves as to the nature and location of the Work, and the general and local conditions, including weather, the general character of the site and building, the character and extent of existing work within or adjacent to the site and any other work being performed thereon at the time of submission of their bids.

9. Addenda - Minutes of Pre-Bid Meeting, and any pertinent items discussed shall be issued as Addendum following the Pre-Bid Meeting (Addendum No. 1). Any further addenda necessary after the Pre-Bid Meeting will be issued to all plan holders.

10. Clarification will be made only by written Addenda sent to all prospective bidders. Questions and Clarifications must be submitted in writing 48 hours prior to bid.

11. When the Bid Documents identify three or more sources and the list of sources is not followed by "or approved equal" or similar wording, the bidder's proposal shall be based upon one of the identified sources, unless the bidder obtains "Pre-bid Approval" of another source. Approval of substitutions, if granted, shall not be effective until published by the Architect in an addendum to the Bid Documents. Requests for substitutions will not be considered 72 hours prior to bid.

12. If there is a conflict, discrepancy, or confusion between the existing conditions, plans and specifications for work, materials or equipment and the Contractor does not receive written clarification from the Architect prior to the opening of bids the Contractor shall include the better quality or greater quantity of work in his/her bid.

13. All information requested of the bidder on the Bid Form must be filled in. The form must be completed by typewriter or hand-printed in ink.

14. Bids shall be accompanied by a Bid Security equal to 5% (percent) of the total bid price, including the allowance, but in no event not more than $10,000.00. Bid Security shall be on the form of a Bid Bond or cashier's check payable to Bishop State Community College. No Bid Security is required on Bids less than $10,000.00.

15. Each bid shall be placed, together with a bid guaranty, in a sealed envelope. On the outside of the envelope the bidder shall write in large letters "Proposal" below which the bidder shall identify the Project and the Work bid on, the name of the bidder, the bidder's current general contractor's state license number, and Project No.: AMOB250055.

16. Performance Assurance and Insurance: The bidder to whom award is made shall provide a Performance Bond equal to 100% of the total Contract Amount (including allowances) and a Labor and Material Bond equal to 100% of the total contract amount (including allowances). The accepted Bidder shall also provide insurance as required.

NO WORK IS TO BE PERFORMED UNTIL PROOF OF COMPLIANCE WITH THE INSURANCE REQUIREMENTS HAS BEEN RECEIVED BY BISHOP STATE COMMUNITY COLLEGE.

17. Bids may be delivered in person or by mail if ample time is allowed for delivery.

18. Bids will be opened and read publicly at the time and place indicated in the Advertisement for Bids.

19. Alternates are listed in the Bid Form in the order in which they shall cumulatively add to or deduct from the base bid for determining the lowest bidder.

20. Award of contract by Awarding Authority, ASAP after the opening of bids.

21. Proposals may be rejected if they contain any omissions, alterations of forms, additions not called for, conditional bids, alternate bids unless called for, incomplete bids, erasures, or irregularities of any kind.

22. Completion Time for Project: Base Bid Completion Time: Work is to commence within ten (10) calendar days from date of Notice to Proceed or Notice of Award. All work is to be complete and ready for Owner occupancy within two hundred seventy (270) consecutive calendar days.

23. Parking for Contractors and their Subs and workers: Shall be coordinated with the Owner.

24. Meetings: Owner / Architect / Contractor Bi-weekly (OAC) Progress Meeting to be held per project requirements.

Pre-Construction Conference will be held once a Contractor has been awarded the project and contract signed.

25. Liquidated Damages: Per General Conditions of the Contract; Article 49

26. Goodwyn Mills Cawood, LLC (Project Architect). Address and telephone numbers: 11 North Water Street, Suite 19290, Battle House Tower, Mobile, AL 36602, Phone: (251) 460-4006, Fax (251) 460-4423.
Project Manager: Jim Walker, AIA
Email: jim.walker@gmcnetwork.com
doris.furr@gmcnetwork.com

27. Closing remarks / questions.

GMC

BISHOP STATE COMMUNITY COLLEGE
TRUCK DRIVING SCHOOL

GMC PROJECT NO.: AMOB250055
PRE-BID SIGN-IN SHEET

Thursday, January 29, 2026

NAME	COMPANY	GC #	PHONE	EMAIL
Jim Walker, AIA	Goodwyn Mills Cawood, LLC	NA	251-460-4006	jim.walker@gmcnetwork.com
Kenney Holder	Bishop State Community College	NA	251-217-4105	kholder@bishop.edu
DAVID HINOTE	C. Roberds General Contractor	46677	2517862214	davidh@croberdsgc.com
Angela Turk	Triptek Const.		251-583-1170	miles@triptekllc.com
Mason Malloy	Green - Simmons		852-988-3182	mason@green-simmons.com
Levi Sasser	Wyatt Sasser Construction		334-493-4348	calvin@wyattsasserconstruction.com
Ronnie Tindle	Tindle Construction	51512	251-463-2804	rtindle@tindleconstruction.net
Stephen Babcock	Bayside Restoration Const.		2513258858	Stephen@bysiderestore.com
WRIGHT COX	PERSONS SERVICES CORP.	26127	251-525-6472	WCOX@PERSONSSERVICES.COM
Garrett Colvin	Rogers Willard		2516042975	gcolvin@rogerswillard.com
Will Majure	JT Harrison Construction		251-232-3897	wmajure@harrison-const.com
Jemmie Tucker	MW Rogers Const.		251-776-4821	Bids@mwrogers.net

SECTION 012100

ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

A. Drawings and general provisions of Contract, including General Conditions and Division-1 Specification sections, apply to work of this section.

1. Coordinate allowance work with related work to ensure that it is completely integrated and interfaced with related work.
2. **Include in Base Bid.**

1.2 DESCRIPTION OF REQUIREMENTS:

A. Definitions and Explanations: Certain requirements of the work related to each allowance are shown and specified in contract documents. The allowance has been established in lieu of additional requirements for that work, and further requirements thereof (if any) will be issued by change order.

B. Types of allowances scheduled herein for the work included the following:

1. Quantity allowances.
2. Lump sum allowances.

C. Selection and Purchase:

1. At earliest feasible date after award of Contract, advise Architect/Engineer of scheduled date when final selection and purchase of each product or system described by each allowance must be accomplished in order to avoid delays in performance of the work.
2. As requested by the Architect/Engineer, obtain and submit proposals for the work of each allowance for use in making final selections; include recommendations for selection which are relevant to the proper performance of the work.
3. Purchase products and systems as specified, and as selected (in writing) by the Architect/Engineer.
4. Submit proposals and recommendations, for purchase of products or systems of allowances, in form specified for change orders.

D. Change Order Data: Include in each change order proposal both the quantities of products being purchased and unit costs, along with total amount of purchases to be made. Where requested, furnish survey-of-requirements data to substantiate quantities. Indicate applicable taxes, delivery charges, amounts of applicable trade discounts, and other relevant details as requested by the Architect.

1. Each change order amount for allowances shall be based on the unit price difference between the actual purchase amount and the allowance, multiplied by the final measure or count of work-in-place, with reasonable allowances, where applicable, for cutting losses, tolerances, mixing wastes, normal product imperfections and similar margins.
2. When requested, prepare explanations and documentation to substantiate the quantities, costs, and margins as claimed.

E. Change Order Mark-Up:

1. Except as otherwise indicated, comply with provisions of General Conditions. For each allowance, Contractor's claims for increased costs (for either purchase amount or Contractor's handling, labor, installation, overhead, and profit), because of a change in scope or nature of the allowance work as described in contract documents, must be submitted within 60 days of initial change order authorizing work to proceed on that allowance; otherwise, such claims will be rejected.
2. Where it is not economically feasible to return unused material to the manufacturer/supplier for credit, prepare unused material for the Owner's storage, and deliver to the Owner's storage space as directed. Otherwise, disposal of excess material is the Contractor's responsibility.

F. Time and Allowance Amounts:

1. Nothing in the Bid or Contract Documents shall be so constructed or interpreted as to provide a Contract time extension, due to use or non-use of any Allowance amount.
2. Nothing in the Bid or Contract Documents shall be so constructed or interpreted as to allow unused Allowances or any portion thereof, nor any overhead and profit therefor to be retained by or paid to the Contractor.

    a. Amount of unused allowances to be returned shall include unused amount plus 10% overhead and profit.

PART 2 - PRODUCT

Not Applicable.

PART 3 – EXECUTION

3.1 SCHEDULE OF ALLOWANCES - INCLUDE IN BASE BID:

A. Allowance No. 1 – OWNER CONTINGENCY ALLOWANCE:

1. Allow a lump sum of One-Hundred Thousand Dollars ($100,000.00)for Owner Contingency Allowance.

2. Include overhead and profit in Base Bid, and not as part of Allowance.

B. Allowance No. 2 - SIGNAGE:

1. Allow a unit price of $450.00 each for the purchase and installation of room signs for each door (except attics), and $800.00 for each emergency evacuation sign (total of 9 signs) including purchase, all taxes, delivery to job site and all related costs, in accordance with Section 10 1423 – "Signs". Selections and copy will be furnished by Architect after bidding. Exterior Door signs shall be rated for exterior use.

2. Installation and installation materials costs shall be included in Allowance, and not as part of the Base Bid.

3. Include overhead and profit in Base Bid, and not as part of Allowance.

B. Allowance No. 3 – DIMENSIONAL ALUMINUM LETTERS:

4. Allow a Lump Sum of $8,000.00 for the purchase and installation of dimensional letters, including purchase, all taxes, delivery to job site and all related costs, in accordance with Section 10 1423 – "Signs". Selections and copy will be furnished by Architect after bidding.

5. Installation and installation materials costs shall be included in Allowance, and not as part of the Base Bid.

6. Include overhead and profit in Base Bid, and not as part of Allowance.

C. Allowance No. 4 – BUILDING PLAQUE:

1. Allow a unit price of $7,500 for the purchase and installation of a 24" x 30" aluminum plaque. Reference Specification Section 10423 – "Signs" for further information.

2. Project Sign to be in Base Bid and not as part of allowance. See "Project Sign Detail" located after the "Form of Advertisement for Completion."

END OF ALLOWANCES

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SECTION 10 1423

SIGNS

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.

B. Related work specified elsewhere includes:

1. Section 061000 - "Rough Carpentry" (concealed P.T. 2 x 10 wood blocking at anchorage)
2. Divisions 15 & 16 (labels, tags, nameplates, etc., for Plumbing, Mechanical, and Electrical equipment, devices, etc.).

1.2 SUMMARY:

A. This Section includes the following types of signs:

1. Dimensional Letters and Numbers

a. Copy: As indicated on the Drawings, or if not indicated, as furnished after bidding.
1) Building name
2) Building street number

b. Architect and Owner will make final letter style selections, and have final approval prior to any fabrication.

2. Prefinished Cast Aluminum Plaques: **To be furnished under Base Bid within Allowance amount**. Refer to Division 1 Section "Allowances", for additional information and requirements.

a. Commemorative Plaque (1 required): Refer to Detail in "General Conditions" section.

3. Framed and Unframed Panel Signs: As designed by manufacturer to comply with U.S. Department of Justice Regulations for the "Americans With Disabilities Act of 1990," (ADA; ADA-AG); ANSI A117.1; the "2010 ADA Standards for Accessible Design", Published in the Federal Register September 15, 2010.; applicable codes and standards; And revisions and amendments thereto.

a. Design: Integral tactile raised letters, numbers, Braille, and/or graphics, as indicated on the Drawings, or if not indicated, as furnished by Architect after Bid Date.

b. Fabricated of acrylic plate with graphics chemically welded to sign face, resulting in a homogeneous end product; except surface-mounted glued-on graphics, etc., are not acceptable.

c. **To be furnished under Base Bid, within Allowance amount**; Refer to Division 1 Section "Allowances", for additional information and requirements.

1.3 SUBMITTALS:

A. General: Submit the following in accordance with conditions of the contract and Division 1 Specification Sections.

1. Product Data: Include manufacturer's construction details relative to materials, dimensions of individual components, profiles, and finishes for each type of sign required.

2. Shop Drawings: Provide shop drawings for fabrication and erection of signs. Include plans, elevations, and large-scale sections of typical members and other components. Show anchors, grounds, reinforcement, accessories, layout, and installation details.

a. Provide message list for each sign required, including large-scale details of wording and layout of lettering, graphics, etc.

b. For signs supported by or anchored to permanent construction, provide setting drawings, templates, and directions for installation of anchor bolts and other anchors to be installed as a unit of Work in other Sections.

3. Samples: Provide the following samples of each sign component for initial selection of color, pattern and surface texture as required and for verification of compliance with requirements indicated.

a. Aluminum: Samples of each finish type and color, on approximately 4-inch squares of sheet or plate, showing the full range of colors available.

b. Cast Acrylic Sheet and Plastic Laminate: Manufacturer's color charts consisting of actual sections of material including the full range of colors available for each material required.

4. Samples for verification of color, pattern, and texture selected, and compliance with requirements indicated:

   a. Aluminum: Samples of each finish type and color, on 6-inch long sections of extrusions or approximately 4-inch squares of casting, sheet or plate. Where finishes involve normal color and texture variations include sample sets showing the full range of variations expected.

   b. Cast Acrylic Sheet and Plastic Laminate: Provide a sample panel of a sign intended for use on this project, or of not less than 6-inches by 8-inches for each material indicated. Include a panel for each color, texture, and pattern required. On each panel include a representative sample of the graphic image process required, showing graphic style, and colors and finishes of letters, numbers, and other graphic devices.

5. Furnish full-size rubbings for metal plaques for final approval prior to fabrication.

1.4 QUALITY ASSURANCE:

A. Single-Source Responsibility: For each separate type of sign required, obtain signs from 1- source from a single manufacturer.

B. Design Criteria: The Drawings, and this Section 10425, indicate sizes, profiles, and dimensional requirements of signs. Other signs with deviations from indicated dimensions and profiles may be considered, provided deviations do not change the design concept. The burden of proof of equality is on the proposer.

1.5 PROJECTCONDITIONS:

A. Verify project conditions and substrates, coordinate placement of blocking and anchorages, etc., as required for proper execution of the work of this Section 10425.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

A. Manufacturers: Subject to compliance with requirements, provide products of one of the following:

1. Manufacturers of Cast Aluminum Plaques:

   a. Advance Corporation; Braille-Tac Div
   b. A. R. K. Ramos.

c. Gemini Incorporated.
d. Matthews International Corporation; Bronze Division.
e. Metal Arts; Div. of L&H Mfg. Co.
f. Mills Manufacturing Company.
g. Nelson-Harkins Industries.
h. Southwell Company (The).

2. Manufacturers of Cast Aluminum Dimensional Letters and Numbers:

a. ACE Sign Systems, Inc.
b. Advance Corporation; Braille-Tac Division.
c. A. R. K. Ramos.
d. ASI-Modulex, Inc.
e. Bunting Graphics, Inc.
f. Charleston Industries, Inc.
g. Gemini Incorporated.
h. Grimco, Inc.
i. Innerface Sign Systems, Inc.
j. Metal Arts; Div. of L&H Mfg. Co.
k. Mills Manufacturing Company.
l. Mohawk Sign Systems.
m. Nelson-Harkins Industries.
n. Signature Signs, Incorporated.
o. Southwell Company (The).

2. Manufacturers of Panel Signs and Wall Mounted Signs:

a. ACE Sign Systems, Inc.
b. Advance Corporation; Braille-Tac Division.
c. Allen Industries Architectural Signage
d. Allenite Signs; Allen Marking Products, Inc.
e. APCO Graphics, Inc.
f. ASI-Modulex, Inc.
g. Best Sign Systems Inc.
h. Bunting Graphics, Inc.
i. Fossil Industries, Inc.
j. Gemini Incorporated.
k. Grimco, Inc.
l. Innerface Sign Systems, Inc.
m. InPro Corporation
n. Matthews International Corporation; Bronze Division.
o. Mills Manufacturing Company.
p. Mohawk Sign Systems.
q. Nelson-Harkins Industries.
r. Seton Identification Products.
s. Signature Signs, Incorporated.
t. Supersine Company (The)

2.2 MATERIALS:

A. Aluminum Sheet: Provide aluminum sheet of alloy and temper recommended by the aluminum producer or finisher for the type of use and finish indicated, and with not less than the strength and durability properties specified in ASTM B 209 for 5005-H15.

B. Aluminum Extrusions: Provide aluminum extrusions of alloy and temper recommended by the aluminum producer or finisher for the type of use and finish indicated, and with not less than the strength and durability properties specified in ASTM B 221 for 6063-T5.

C. Aluminum Castings: Provide aluminum castings of alloy and temper recommended by the aluminum producer and finisher for the casting process used and for the use and finish indicated.

D. Cast Acrylic Sheet: Provide manufacturer's standard methyl methacrylate monomer plastic sheet, in sizes and thicknesses indicated, with a minimum flexural strength of 16,000 psi when tested in accordance with ASTM D 790, a minimum allowable continuous service temperature of 176 deg. F (80 deg. C), and of the following general types or equivalent to products used for standard LA100 Acrylic Process by Leeds Architectural Letters, Inc.:

1. White Translucent Sheet: Where sheet material is indicated as "white," provide white translucent sheet of density required to produce uniform brightness and minimum halation effects.

2. Opaque Sheet: Where sheet material is indicated as "opaque," provide colored opaque acrylic sheet in colors and finishes as selected from the manufacturer's standards.

E. Fasteners: Use concealed fasteners fabricated from metals that are not corrosive to the sign material and mounting surface.

F. Anchors and Inserts: Use nonferrous metal or hot-dipped galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work.

2.3 CAST METAL PLAQUES:

A. Plaques: Castings shall be free from pits, scale, sand holes, or other defects. Comply with requirements specified for metal, border style, background texture, and finish and with requirements shown for thickness, size, shape, and copy. Hand-tool and buff borders and raised copy to produce the manufacturer's standard satin polished finish. Refer to "Finish" article for other finish requirements.

1. Metal: Aluminum.

2. Border Style: Double raised line border with plain bevel edge, or equivalent priced border, as selected.

3. Background Texture: Manufacturer's standard pebble texture, or as selected.

4. Background Finish: Provide dark statuary finish (anodized aluminum or baked enamel as selected), to comply with the requirement specified for bronze finishes, except provide background texture specified above in lieu of mechanical finish.
5. Back of Plaques: Seal with manufacturer's standard clear, transparent, and non- yellowing lacquer, or similar finish with same characteristics and acceptable to Architect; Two coats minimum.

2.4 PANEL SIGNS:

A. Panel Signs: Comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.

1. Produce smooth, even, level sign panel surfaces, constructed to remain flat under installed conditions within a tolerance of plus or minus 1/16-inch measured diagonally.

2. As indicated on the Drawings, or if not indicated, allow for non-changeable signs, with room names and Braille, and graphics at Restroom doors and toilet stalls for the disabled and handicapped, to be provided within Allowance amount.

a. Refer to Division 1 Section "Allowances", for additional information and requirements.

B. Framed and Unframed Panel Signs: Fabricate signs with edges mechanically and smoothly finished to conform with the following requirements, unless otherwise selected:

1. Edge Condition: Beveled or rounded.

2. Edge Color for Acrylic Sheet: Edge color same as background.
3. Corner Condition: Radius corners.

4. Size: 6-inches x 8-inches (nominal; minimum), unless indicated otherwise.

C. Graphic Content and Style: Provide sign copy that complies with the requirements indicated for size, style, spacing, content, position, material, finishes, and colors of letters, numbers, and other graphic devices.

D. Raised Copy: Copy characters and Braille from matte-finish opaque acrylic sheet and chemically weld onto the acrylic sheet forming an integral and permanent sign panel face. Produce precisely formed characters with square cut edges free from burrs and cut marks.

1. Panel Material: Matte-finished opaque acrylic sheet.

2. Raised Copy Thickness: Not less than 1/32-inch.

2.5 PRE-FINISHED CAST ALUMINUM DIMENSIONAL LETTERS AND NUMBERS:

A. Cast Letters and Numbers: Form individual letters and numbers by casting. Produce characters with smooth, flat faces, sharp corners, and precisely formed lines and profiles, free from pits, scale, sand holes, or other defects.

1. Metal: Aluminum.

2. Letter Height: 12-inches tall, unless specifically indicated otherwise on the Drawings.

3. Letter Style: Equivalent to three-dimensional "Architectural Prismatic", as manufactured by ARK Ramos Manufacturing Co., Inc., by one of the above manufacturers, or equivalent priced style selected by Architect and Owner after bidding; Upper and lower case, unless otherwise indicated.

4. Finish: Clear anodized or baked enamel, as selected by Architect and Owner after bidding.

B. External Wall Mounted Letters: Cast lugs into the back of characters and tap to receive threaded mounting studs. Comply with requirements indicated for finish, style, and size.

C. Internal Base Mounted Letters: Mount letters to continuous base for attachment to top of suspended canopy above Teller Stations. Refer to Drawings.

2.6 FINISHES:

A. Colors and Surface Textures: For exposed sign material that requires selection of materials with integral or applied colors, surface textures or other characteristics related to appearance, provide color matches indicated, or if not indicated, as selected by the Architect from the manufacturer's standards.

B. Metal Finishes: Comply with NAAMM "Metal Finishes Manual" for finish designations and applications recommendations.

C. Aluminum Finishes: Finish designations prefixed by "AA" conform to the system established by the Aluminum Association for designating aluminum finishes.

1. Class II Clear (or colored) Anodized Fine Satin Finish: AA-M31C21A31 (Mechanical Finish: Fine satin directional textured; Chemical Finish: Fine matte etched finish; Anodic Coating: Class II Architectural, clear film thicker than 0.4-mil).

2. Baked-Enamel Finish: AA-C12C42R1x (Chemical Finish: cleaned with inhibited chemicals; Chemical Finish: acid-chromate-fluoride-phosphate conversion coating; Organic Coating: as specified below). Apply baked enamel complying with paint manufacturer's written instructions for cleaning, conversion coating, and painting.

a. Organic Coating: Thermosetting, modified-acrylic enamel primer/topcoat system complying with AAMA 2603 except with a minimum dry film thickness of 1.5 mils (0.04 mm), medium gloss.

PART 3 - EXECUTION

3.1 INSTALLATION:

A. General: Locate sign units and accessories where indicated, using mounting methods of the type described and in compliance with the manufacturer's written instructions.

1. Install signs level, plumb, and at the height indicated, with sign surfaces free from distortion or other defects in appearance.

2. Coordinate proper placement of treated grounds and blocking by the Contractor.

B. Cast Metal Plaques: Mount plaques using the standard method recommended by the manufacturer for the type of wall surface indicated.

1. Concealed Mounting: Mount the plaques by inserting threaded studs into tapped lugs on the back of the plaque. Set in pre-drilled holes filled with quick-setting cement.

C. Wall Mounted Panel Signs: Attach panel signs to wall surfaces using the methods indicated below:

1. Adhesive Mounting: Use double-sided vinyl tape where recommended by the sign manufacturer to hold the sign securely in place. Where also recommended or as required by project conditions, use liquid silicone adhesive recommended by the sign manufacturer to attach sign units to irregular, porous, or vinyl-covered surfaces.

2. Mounting height: 60-inches above finished floor (A.F.F.) to top of sign.

    a. Multiple signs shall align side-by-side or stacked vertically, as indicated, or if not indicated, as directed by the Architect.

D. Dimensional Characters: Mount characters using standard fastening methods to comply with manufacturer's written instructions for character form, type of mounting, wall construction, and condition of exposure indicated. Provide heavy paper template to establish character spacing and to locate holes for fasteners.

1. Projected Mounting: Mount characters at projection distance from wall surface indicated, or if not indicated, 1/2-inch clear of wall.

E. Following installation, clean all signs as recommended in writing by manufacturer.

1. Include cleaning and maintenance instructions in Close-Out Documents turned over to Contractor.

END OF SIGNS

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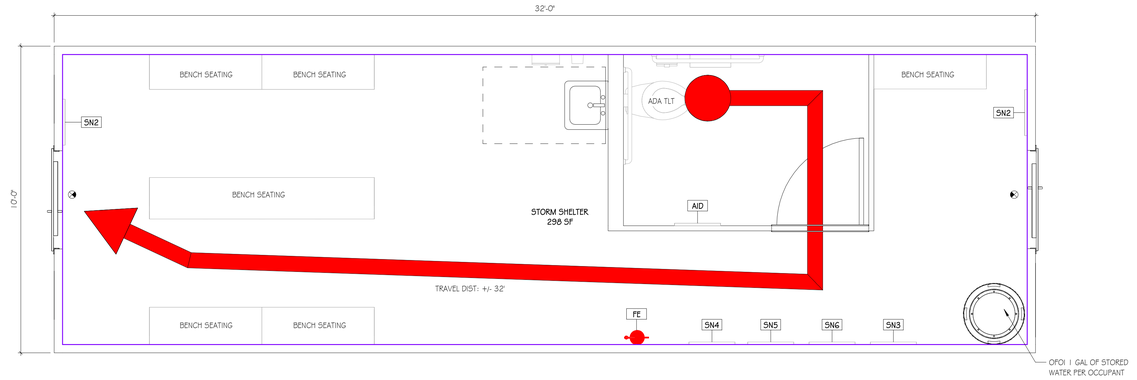


TRUE NORTH

G2 STORM SHELTER LSP

SCALE: 1/2" = 1'-0"

SECTION 502
OCCUPANCY DENSITY IN COMMUNITY STORM SHELTERS
502.1 GENERAL

A COMMUNITY STORM SHELTER SHALL COMPLY WITH THE REQUIREMENTS OF SECTIONS 502.2 THROUGH 502.4.
502.2 DESIGN OCCUPANT CAPACITY

THE DESIGN OCCUPANT CAPACITY SERVED BY THE STORM SHELTER SHALL BE ASSIGNED OR CALCULATED IN ACCORDANCE WITH SECTION 502.2.1 OR 502.2.2.
502.2.1 ASSIGNED

THE ASSIGNED DESIGN OCCUPANT CAPACITY SHALL BE BASED ON THE DESIGN OCCUPANT CAPACITY OF THE STORM SHELTER, AS DETERMINED BY THE DESIGNER AND THE OWNER OR THE OWNER'S AUTHORIZED AGENT, AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
502.2.2 CALCULATED

THE CALCULATED DESIGN OCCUPANT CAPACITY SHALL BE DETERMINED BY THE USABLE FLOOR AREA DIVIDED BY THE UNIT OF AREA PRESCRIBED PER OCCUPANT IN TABLE 502.3.

TABLE 502.3

OCCUPANT DENSITY—COMMUNITY STORM SHELTERS
TYPE OF OCCUPANTS MINIMUM REQUIRED USABLE FLOOR AREA IN SQUARE FEET PER OCCUPANT
TORNADO
OCCUPANTS WHO ARE STANDING OR SEATED 5
OCCUPANTS USING A WHEELCHAIR 10

FOR SI: 1 SQUARE FOOT = 0.0929 M2.
502.3 REQUIRED USABLE FLOOR AREA

EACH STORM SHELTER SHALL BE SIZED TO ACCOMMODATE A MINIMUM OF ONE WHEELCHAIR SPACE FOR EVERY 200 STORM SHELTER OCCUPANTS OR PORTION THEREOF.
502.4 PROVIDED USABLE FLOOR AREA

THE USABLE FLOOR AREA PROVIDED SHALL BE DETERMINED BY SECTION 502.4.1, 502.4.2 OR A COMBINATION OF THESE METHODS. THE USABLE FLOOR AREA PROVIDED SHALL MEET OR EXCEED REQUIRED USABLE FLOOR AREA DETERMINED IN SECTION 502.3.
502.4.1 CALCULATION OF USABLE FLOOR AREA

THE USABLE FLOOR AREA SHALL BE DETERMINED BY USING THE FOLLOWING PERCENTAGES:

1. REDUCING THE GROSS FLOOR AREA OF STORM SHELTER AREAS WITH AREAS OF CONCENTRATED FURNISHINGS OR FIXED SEATING BY A MINIMUM OF 50 PERCENT.

2. REDUCING THE GROSS FLOOR AREA OF STORM SHELTER AREAS WITH AREAS OF UNCONCENTRATED FURNISHINGS AND WITHOUT FIXED SEATING BY A MINIMUM OF 35 PERCENT.

3. REDUCING THE GROSS FLOOR AREA OF STORM SHELTER AREAS WITH AREAS OF OPEN PLAN FURNISHINGS AND WITHOUT FIXED SEATING BY A MINIMUM OF 15 PERCENT.

502.4.2 ALTERNATIVE CALCULATION OF USABLE FLOOR AREA

THE USABLE FLOOR AREA SHALL BE DETERMINED BY SUBTRACTING FROM THE GROSS FLOOR AREA, THE FLOOR AREA OF PARTITIONS AND WALLS, COLUMNS, FIXED OR MOVABLE OBJECTS, FURNITURE, EQUIPMENT OR OTHER FEATURES THAT UNDER PROBABLE CONDITIONS CANNOT BE REMOVED.
502.5 TORNADO SHELTER USABLE FLOOR AREA

IN COMMUNITY TORNADO SHELTERS, THE FOLLOWING OCCUPANT SUPPORT AREAS SHALL BE PERMITTED TO BE CONSIDERED USABLE FLOOR AREA:

1. THE ENTIRE STORM SHELTER IS A SINGLE OCCUPANT TOILET ROOM AREA.

2. THE STORM SHELTER INCLUDES MULTI-STALL TOILET ROOMS, THE TOILET ROOM AREA OTHER THAN THE TOILET STALLS AND TEMPORARY WATER CLOSET PRIVACY AREAS.

STORM SHELTER SIGNAGE LEGEND

SN1 .....EMERGENCY EVACUATION MAP SIGNAGE (SEE SHEET G2.00)
SN2 .....DOOR WITH MANUAL CLOSURE SIGNAGE
SN3 .....OCCUPANCY COUNT SIGNAGE
SN4 .....STORM SHELTER DESIGN SIGNAGE
SN5 .....STORM SHELTER ACCESS SIGNAGE
SN6 .....STORM SHELTER ENTRANCE SIGNAGE

STORM SHELTER CALCULATIONS

INTERNATIONAL CODE COUNCIL 500-2008: ICC/NSSA STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS

STATE BLDG. COMMISSION REQUIREMENTS: OCCUPANT LOAD IS CALCULATED AT 1 STUDENT PER 30 SF OF GROSS TYPICAL CLASSROOM AREA PLUS 10% FOR FACULTY PER MEMORANDUM ISSUED BY THE ALABAMA BUILDING COMMISSION ON 07/29/10.

TOTAL OCCUPANTS
TOTAL TYPICAL CLASSROOM AREA: 1,278 SF
1,278 SF / 30 = 43 OCCUPANTS
TOTAL STUDENTS: 43 students
PLUS 10% FACULTY: 4.3
REQUIRED TOTAL OCCUPANT LOAD : 48
PROVIDED TOTAL OCCUPANT LOAD: 62 **OCCUPANTS** [61 STANDING AND 1 WHEELCHAIR]

STANDING OR SEATED SPACE REQUIREMENTS: 5 SF/ PERSON
WHEELCHAIR SPACE REQUIREMENTS: 10 SF/PERSON

EACH STORM SHELTER SHALL BE SIZED TO ACCOMMODATE A MINIMUM OF ONE WHEELCHAIR SPACE FOR EVERY 200 SHELTER OCCUPANTS. 62 / 200 = 1 (EDITOR'S NOTE: ROUND CALCULATED VALUE UP TO NEAREST WHOLE NUMBER).

61 OCCUPANTS X 5 SF/PERSON [B OCCUPANCY] = 306 SF
1 WHEELCHAIR OCCUPANTS X (10 SF/PERSON – 5 SF/PERSON) = 10 SF
TOTAL SQUARE FOOTAGE: 316 SF

CLASSROOMS/WORK ROOM:
ICC 500 501.1.2.1: CALCULATION OF USABLE FLOOR AREA. THE USABLE SHELTER FLOOR AREA SHALL BE DETERMINED BY USING THE FOLLOWING PERCENTAGES:
1. REDUCING THE GROSS FLOOR AREA OF SHELTER AREAS WITH CONCENTRATED FURNISHINGS OR FIXED SEATING BY A MINIMUM OF 50 PERCENT.
2. REDUCING THE GROSS FLOOR AREA OF SHELTER AREAS WITH UNCONCENTRATED FURNISHINGS AND WITHOUT FIXED SEATING BY A MINIMUM OF 35 PERCENT.
3. REDUCING THE GROSS FLOOR AREA OF SHELTER AREAS WITH OPEN PLAN FURNISHINGS AND WITHOUT FIXED SEATING BY A MINIMUM OF 15 PERCENT.

TOTAL CLASSROOM/WORK ROOM AREA: 1,278 SF
35% REDUCTION: 1,278 SF X .65 = 830.7 SF

CORRIDOR (OPEN AREA):
ICC 500 501.1.2.2: ALTERNATIVE CALCULATION OF USABLE FLOOR AREA. THE USABLE SHELTER FLOOR AREA SHALL BE DETERMINED BY SUBTRACTING FROM THE GROSS FLOOR AREA, THE FLOOR AREA PARTITIONS AND WALLS, COLUMNS, FIXED OR MOVABLE OBJECTS, FURNITURE, EQUIPMENT, OR OTHER FEATURES THAT UNDER PROBABLE CONDITIONS CANNOT BE REMOVED.

702.4 FIRST AID KIT
A FIRST AID KIT SHALL BE SUPPLIED IN ALL TORNADO SHELTERS WITH A SHELTER OCCUPANT LOAD OF GREATER THAN 50. GC TO SUPPLY 1000 PERSON KIT FOR TORNADO SAFETY ROOM WITH 501-1000 PERSON CAPACITY. GC IS RESPONSIBLE TO SUPPLY TWO (2) 1000 PERSON KITS FOR THE SHELTER.

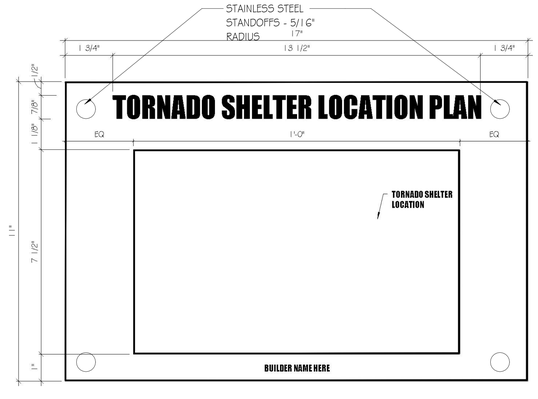
REQUIRED STATEMENT OF RESPONSIBILITY FROM GENERAL CONTRACTORS AND SUBCONTRACTORS

107.3.3 CONTRACTOR RESPONSIBILITY. EACH CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE RESISTING SYSTEM OR ANY COMPONENT LISTED IN THE QUALITY ASSURANCE PLAN SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE AUTHORITY HAVING JURISDICTION, THE RESPONSIBLE DESIGN PROFESSIONAL, AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE:
1. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.
2. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.
3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF REPORTS.
4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY FORM, ISSUED PER THE ALABAMA BUILDING COMMISSION, CAN BE FOUND IN THE SPECIFICATIONS OR A COPY CAN BE OBTAINED FROM THE ARCHITECT.

PLAN LEGEND

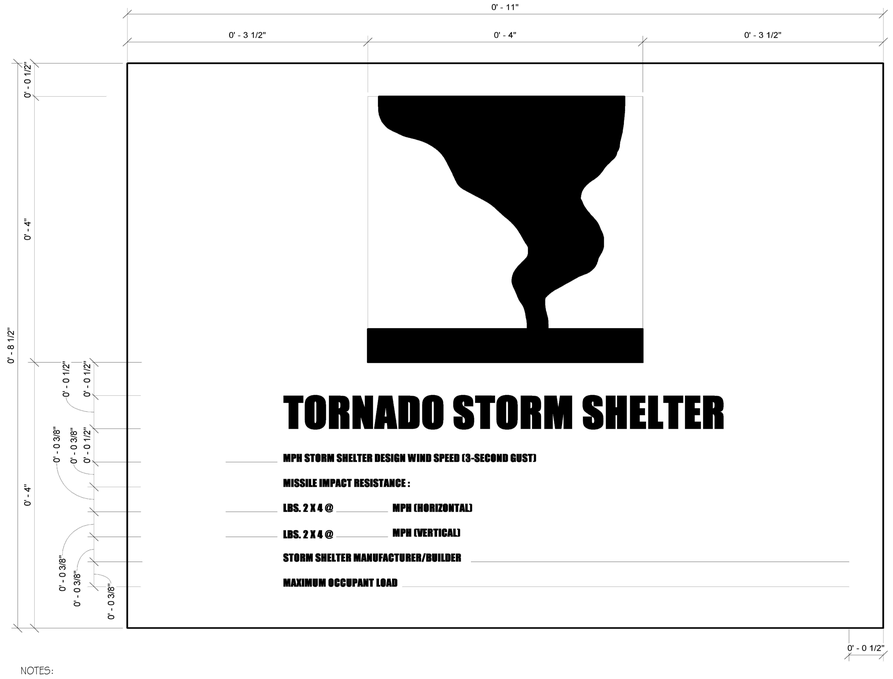
FEC ..... FIRE EXTINGUISHER CABINET
MS ..... FIRE ALARM MANUAL PULL STATION
FH ..... FIRE ALARM HORN
FS ..... FIRE ALARM STROBE
FHS ..... FIRE ALARM HORN/STROBE
FHS ..... FIRE ALARM HORN/STROBE-CEILING MT
FACP ..... FIRE ALARM CONTROL PANEL
FAAP ..... FIRE ALARM ANNUNCIATOR PANEL
FAP ..... FIRE ALARM PANEL /SUBPANEL
..... ILLUMINATED EXIT SIGN
60" EXIT DISCHARGE ..... EXIT DISCHARGE W/ CLEAR EXIT WIDTH (EXIT AND EXIT ACCESS SYMBOLS SIMILAR)
..... DISTANCE OF TRAVEL
..... 1 - HR FIRE BARRIER



1. 1/4" CLEAR ACRYLIC SIGN PER SPEC SECTION 10400
2. LOCATE 60" FROM FINISHED FLOOR OR GROUND SURFACE TO BASELINE OF HIGHEST TACTILE CHARACTER
3. BACKGROUND COLOR TO BE WHITE WITH BLACK LETTERS
4. SIGN TO BE LOCATED IN BUILDING ENTRY SPACES, IN THE ADMINISTRATIVE AREAS, AND IN ANY ADDITIONAL LOCATIONS AS INDICATED ON PLANS

A1 SHELTER ACCESS SIGNAGE (SN5)

SCALE: NOT TO SCALE



NOTES:

1. CAST ACRYLIC SIGN PER SPECIFICATIONS
2. LOCATE 60" A.F.F TO CENTER OF SIGN
3. BACKGROUND COLOR TO BE GRAY WITH BLACK LETTERS - TORNADO SYMBOL TO BE BLACK WITH WHITE BACKGROUND
4. TORNADO SHELTER SIGNS TO BE PLACED OUTSIDE AND INSIDE OF EACH STORM SHELTER DOOR

A4 SHELTER ENTRANCE SIGNAGE (SN6)

SCALE: NOT TO SCALE

GMC
Goodwyn Mills Cawood, LLC
11 North Water Street, Suite 19290
Mobile, AL 36602
T 251.460.4006
GMCNETWORK.COM

ISSUE	DATE
ISSUED FOR BID	01/09/2026
Revision 1 - Addendum 1	02/04/2026

DRAWN BY: H.S.
CHECKED BY: J.W. & S.D.

BSCC TRUCK DRIVING SCHOOL
4551 HALLS MILL RD.
MOBILE, AL 36693

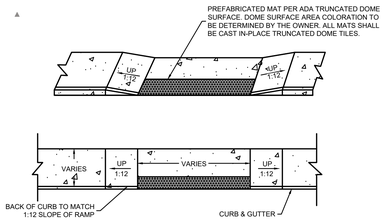
GMC #AMOB250055

STATE OF ALABAMA
JAMES WILSON
26554
REGISTERED ARCHITECT
MOBILE, ALABAMA

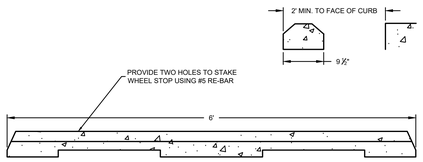
LIFE SAFETY PLAN - STORM SHELTER

G2.03

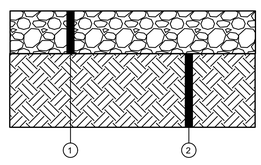
TEMPLATE VERSION: 2025.1
2/4/2026 2:44:46 PM



INSET HANDICAP RAMP
NTS

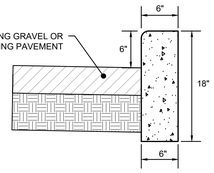


WHEEL CURB STOP
N.T.S.



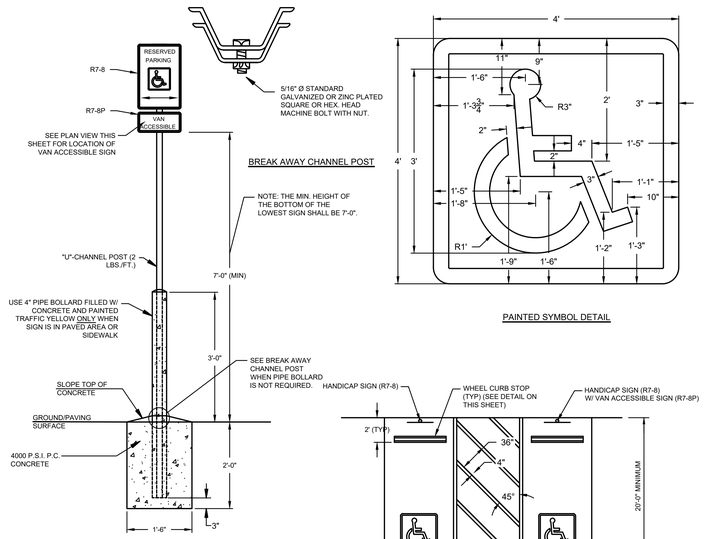
1. 6" CRUSHED AGGREGATE (MATCH EXISTING)
2. COMPACTED SUBGRADE (TOP 6" COMPACTED TO 100% STANDARD DENSITY)

GRAVEL SECTION DETAIL
N.T.S.



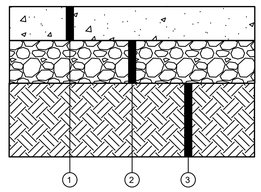
NOTE:
1. ALL PORTLAND CEMENT CONCRETE PAVEMENTS SHOULD CONTAIN 4 TO 6 PERCENT ENTRAINED AIR ASSUMING THE MIX WILL CONTAIN ¾ -INCH TO 1-INCH NOMINAL MAXIMUM SIZE AGGREGATE.
2. MINIMUM 28-DAY CONCRETE COMPRESSIVE STRENGTH SHOULD BE 4,000 PSI.
3. MAXIMUM 4" SLUMP FOR NON-SLIP FORMED AND 2" SLUMP WHEN SLIP FORMED.
4. SUBGRADE COMPACTED TO 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY (SEE GEOTECHNICAL REPORT)

CONCRETE VERTICAL CURB
N.T.S.



NOTE:
SEE SPECS FOR PAINT COLOR AND MATERIAL REQUIREMENTS.

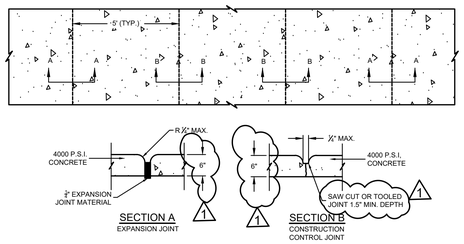
ADA HANDICAP STRIPING & SIGNAGE DETAILS
N.T.S.



NOTE:
- ROCK BASE SHALL EXTEND 1' BEYOND EOP/BOC FOR ALL PAVEMENT AREAS.
- SEE "CONCRETE PARKING JOINT DETAILS" FOR JOINT PLACEMENTS.

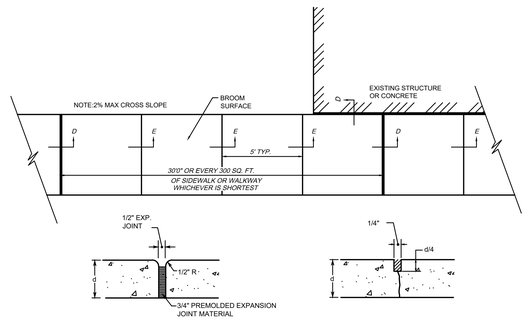
1. 6" PORTLAND CEMENT CONCRETE - 4000 PSI MIN. COMPRESSIVE STRENGTH & 500 PSI MIN. FLEXURAL STRENGTH
2. 6" ALDOT SECTION 825, CRUSHED AGGREGATE BASE MATERIAL (98% MODIFIED PROCTOR)
3. PREPARED SUBGRADE

CONCRETE PARKING DETAIL
N.T.S.

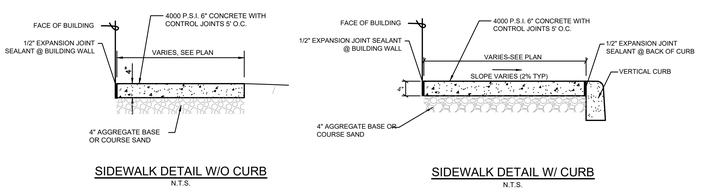


NOTE: ALL CONCRETE APRONS TO HAVE BROOM FINISH.

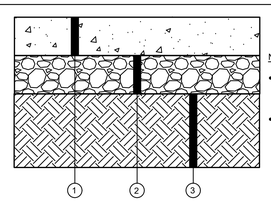
CONCRETE PARKING JOINT DETAILS
N.T.S.



SIDEWALK JOINT LAYOUT DETAIL
N.T.S.



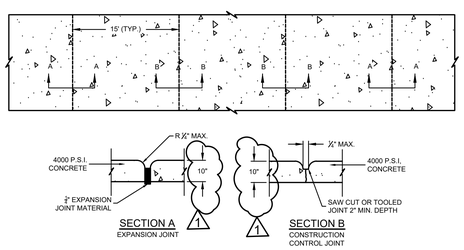
CONCRETE SIDEWALK DETAIL
N.T.S.



NOTE:
- ROCK BASE SHALL EXTEND 1' BEYOND EOP/BOC FOR ALL PAVEMENT AREAS.
- SEE "CONCRETE SKILLS PAD JOINT DETAILS" FOR JOINT PLACEMENTS.

1. 10" PORTLAND CEMENT CONCRETE - 4000 PSI MIN. COMPRESSIVE STRENGTH & 650 PSI MIN. FLEXURAL STRENGTH
2. 6" ALDOT SECTION 825, CRUSHED AGGREGATE BASE MATERIAL (98% MODIFIED PROCTOR)
3. PREPARED SUBGRADE

CONCRETE SKILLS PAD DETAIL
N.T.S.



NOTE: ALL CONCRETE APRONS TO HAVE BROOM FINISH.

CONCRETE SKILLS PAD JOINT DETAILS
N.T.S.

GMC
2039 Main Street
Daphne, AL 36526
T 251.626.2626

BISHOP STATE COMMUNITY COLLEGE

ISSUE	DATE	
FINAL DESIGN REVIEW	12-18-2025	GS
ISSUE FOR BID	01-09-2026	SS
ADDENDUM-1	XX-XX-XXXX	

DESIGNER:
DRAWN BY:

BISHOP STATE COMMUNITY COLLEGE DRIVER TRAINING CAMPUS
4551 HALLS MILL RD MOBILE, AL

CMOB250088

NOT FOR CONSTRUCTION

CIVIL DETAILS

C-901

FINISH NOTES

FLOORS:

- ALL FLOORING TRANSITIONS INCLUDING TRANSITIONS TO SIMILAR MATERIAL OR REDUCER STRIPS AND OTHER THRESHOLDS TO DISSIMILAR MATERIAL SHALL BE LOCATED AT THE CENTERLINE OF DOOR WHEN IN CLOSED POSITION. COLORS SHALL BE SELECTED DURING SUBMITTAL REVIEW. REFER TO DETAILS FOR TRANSITIONS BETWEEN FLOORING MATERIALS. CONTRACTOR TO PROVIDE TRANSITION SIZES APPROPRIATE FOR THICKNESS

- AVOID ALL FLOORING MATERIAL SLIVER CUTS LESS THAN 4" WIDE @ WALL PERIMETERS & MATERIAL TRANSITIONS. CONTACT DESIGNER IF JOBSITE CONDITIONS DIFFER.

- INSTALL FLOORING CONTINUOUS UNDER ALL CASEWORK, MILLWORK, EQUIPMENT, & FURNITURE

- ALIGN VERTICAL GROUT JOINTS IN TILE BASE WITH THOSE IN THE FLOOR TILE UNLESS NOTED OTHERWISE

WALLS:

- REFER TO FINISH PLANS & ELEVATIONS FOR LOCATION OF ACCENT PAINT COLORS

- ALL HOLLOW METAL DOOR & WINDOW FRAMES TO BE PAINTED (PNT-2) UNLESS OTHERWISE NOTED

- ALL ACCESS PANELS AND MISCELLANEOUS METAL (RETURN AND AIR SUPPLY GRILLES, EXPANSION JOINTS, ETC.) LOCATED ON WALL SURFACES OR CEILING SURFACES TO BE PAINTED WALL OR CEILING COLOR U.N.O.

- WALL BASE TO BE INSTALLED ON ALL WALLS, MILLWORK, AND CASEWORK U.N.O.

- INSTALL FINISH STRIP EQUAL TO SCHLUTER "JOLLY" AT ALL EXPOSED TILE EDGES & CORNERS

MILLWORK / CASEWORK:

- INSTALL 3MM EDGEBAND ON ALL PLASTIC LAMINATE COUNTERTOPS AND CABINETS.

- ALL WINDOWS TO HAVE SOLID SURFACE (SS-1) SILL U.N.O.

- GROMMET LOCATIONS TO BE COORDINATED WITH OWNER

- FIELD VERIFY ALL DIMENSIONS FOR CASEWORK & MILLWORK PRIOR TO FABRICATION & INSTALLATION

- ALL EXPOSED ENDS AND EXPOSED INTERIORS OF CASEWORK/ MILLWORK TO RECEIVE MATCHING LAMINATES

- ALL CABINETS TO BE LOCKABLE WITH THE EXCEPTION OF UPPER & LOWER TYPICAL CLASSROOM & BREAK ROOM CABINETS. ALL TALL CABINETS & FILE DRAWERS TO BE LOCKABLE.

MISC:

- DO NOT PAINT DOOR LABELS AT RATED DOORS OR FRAMES.

- PROVIDE BLOCKING AS REQUIRED AT ALL TELEVISION LOCATIONS - COORDINATE WITH OWNER'S EQUIPMENT

- PROVIDE BLOCKING FOR ALL GRAB BARS AND TOILET ACCESSORIES

- REFER TO RCP FOR ACCENT PAINT COLOR LOCATIONS IN CEILING - WHERE CEILINGS ARE CALLED OUT TO BE PAINTED, BOTH CEILING AND SOFFIT/BULKHEAD WALLS ARE TO BE PAINTED ACCENT COLOR

- ROLLER SHADES AND BLINDS ARE TAGGED ON THE FINISH PLAN

- NON ADA TOILET FIXTURES SHALL BE CENTERED IN STALL

- CAULK ALL DOOR FRAMES, MILLWORK, AND VIEW WINDOW FRAMES AFTER WALLCOVERING INSTALLATION IS COMPLETE. COLOR OF CAULK TO MATCH ADJACENT FINISH.

- GC TO PROVIDE SPECIFIED EXPANSION JOINT COVER AT ALL EXPOSED FINISH FLOOR, CEILING, AND WALL LOCATIONS

- SMART BOARDS HEIGHTS TO BE (3'-0" A.F.F.) TO THE BOTTOM OF WRITING SURFACE. GC TO COORDINATE WALL BLOCKING AS REQD.

- ALL PARTIES RESPONSIBLE FOR DELIVERING FINISHES TO THE SITE SHALL CHECK AVAILABILITY OF QUANTITIES AND DELIVERY DATES UPON NOTICE TO PROCEED. NO CONSIDERATION WILL BE GIVEN FOR FAILURE TO COMPLY WITH THIS REQUIREMENT.

RCP NOTES:

- ALL SPRINKLER HEADS IN FINISHED CEILINGS ALL SHALL BE CENTERED IN CEILING TILE. SPRINKLER HEADS SHALL NOT BE PAINTED.

- INTERIOR CEILING HEIGHTS SHALL BE AS INDICATED ON THE REFLECTED CEILING PLANS.

- ALL BULKHEADS TO BE 4" BELOW ADJACENT ACT CEILING UNLESS NOTED OTHERWISE (LARGE JOBS ONLY)

- WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER ABOUT DOOR, BUT MAINTAIN MINIMUM OVERHEAD CLEARANCE.

- IN EXPOSED CEILINGS (EXP-2) ALL EXPOSED ELEMENTS NOT LIMITED TO TRUSS SYSTEM, ACOUSTICAL DECK, DUCTWORK, CONDUIT, AND PIPING TO BE PAINTED

- ALL GYP CEILINGS TO BE PAINTED (PNT-3) UNLESS OTHERWISE NOTED IN RCP. BOTH CEILING AND SOFFIT /BULKHEAD SURFACES ARE TO BE PAINTED THE SAME COLOR.

- DO NOT INSTALL CEILING TILE LESS THAN 6" IN ANY DIRECTION - WHEN POSSIBLE CENTER TILE IN ROOM.

- COORDINATE WITH OWNER'S A/V CONSULTANT FOR PROJECTION SCREEN AND PROJECTOR LOCATIONS

- AREAS WITH EXPOSED CEILINGS (EXP-2) SHALL HAVE CEILING PAINT COLOR EXTEND DOWN VERTICAL WALL SURFACE (24") - CONTRACTOR SHALL FIELD VERIFY EACH EXPOSED LOCATION WITH ARCHITECT AND OWNER PRIOR TO PAINTING.

FINISH LEGEND

FLOOR

NUMBER	TYPE	DETAIL DESCRIPTION
CPT-1	CARPET	MANUFACTURER: J&J FLOORING STYLE NAME: FICTION II #7025 COLOR: LEXICON #3346 SIZE: 24"X24"X.113" THICK INSTALLATION: BRICK LOCATION: OFFICES
HTF-1	HARD FLOOR TILE	MANUFACTURER: DALTILE STYLE NAME: CHORD COLOR: FORTE GRAY CH25 SIZE: 12"X24"X5/16" INSTALLATION: BRICKWORK GROUT: LATICRETE- STERLING SILVER #78 LOCATION: RESTROOMS
LVT-1	LUXURY VINYL TILE	MANUFACTURER: INTERFACE STYLE NAME: BRUSHED LINES COLOR: GALENA C00701 SIZE: 9.845" X 39.37" THICKNESS (3MM) INSTALLATION: ASHLAR LOCATION: THROUGHOUT, UNO
EF-1	EPOXY FLOORING	MANUFACTURER: STONEHARD STYLE NAME: STONEHARD STONETEC ERF DECORATIVE FLAKE COLOR: WHITE PLATINUM LARGE SIZE: MONOLITHIC LOCATION: REFER TO FINISH PLAN

BASE

NUMBER	TYPE	DETAIL DESCRIPTION
RB-1	RUBBER BASE	MANUFACTURER: TARKETT STYLE NAME: DURACOVE COLOR: CHARCOAL DC20 SIZE / PROFILE: 4" LOCATION: THROUGHOUT, UNO
HTB-1	HARD TILE BASE	MANUFACTURER: DALTILE STYLE NAME: CHORD COLOR: FORTE GRAY CH25 SIZE: 6"X12" COVE BASE LOCATION: RESTROOMS (NON-TILED WALL) GROUT: LATICRETE-STERLING SILVER #78

WALL

NUMBER	TYPE	DETAIL DESCRIPTION
PNT-1	[GENERAL/MAIN PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: FLEUR DE SEL SW7666 LOCATION:
PNT-2	[TRIM PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: GRIZZLE GRAY SW7068 LOCATION:
PNT-3	[MAIN CEILING/SOFFIT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: EXTRA WHITE SW7006 LOCATION:
PNT-4	[ACCENT PAINT]	MANUFACTURER: BENJAMIN MOORE COLOR: MARTHA'S VINEYARD #630 LOCATION: OFFICES AND LOBBY ACCENT WALLS
HTW-1	HARD WALL TILE	MANUFACTURER: DALTILE STYLE NAME: COLOR WHEEL CLASSIC COLOR: ARCTIC WHITE #0190 SIZE:3"X6"X3/8" INSTALLATION: BRICKWORK GROUT: LATICRETE - LIGHT PEWTER #90 LOCATION: RESTROOM WETWALL

MISC

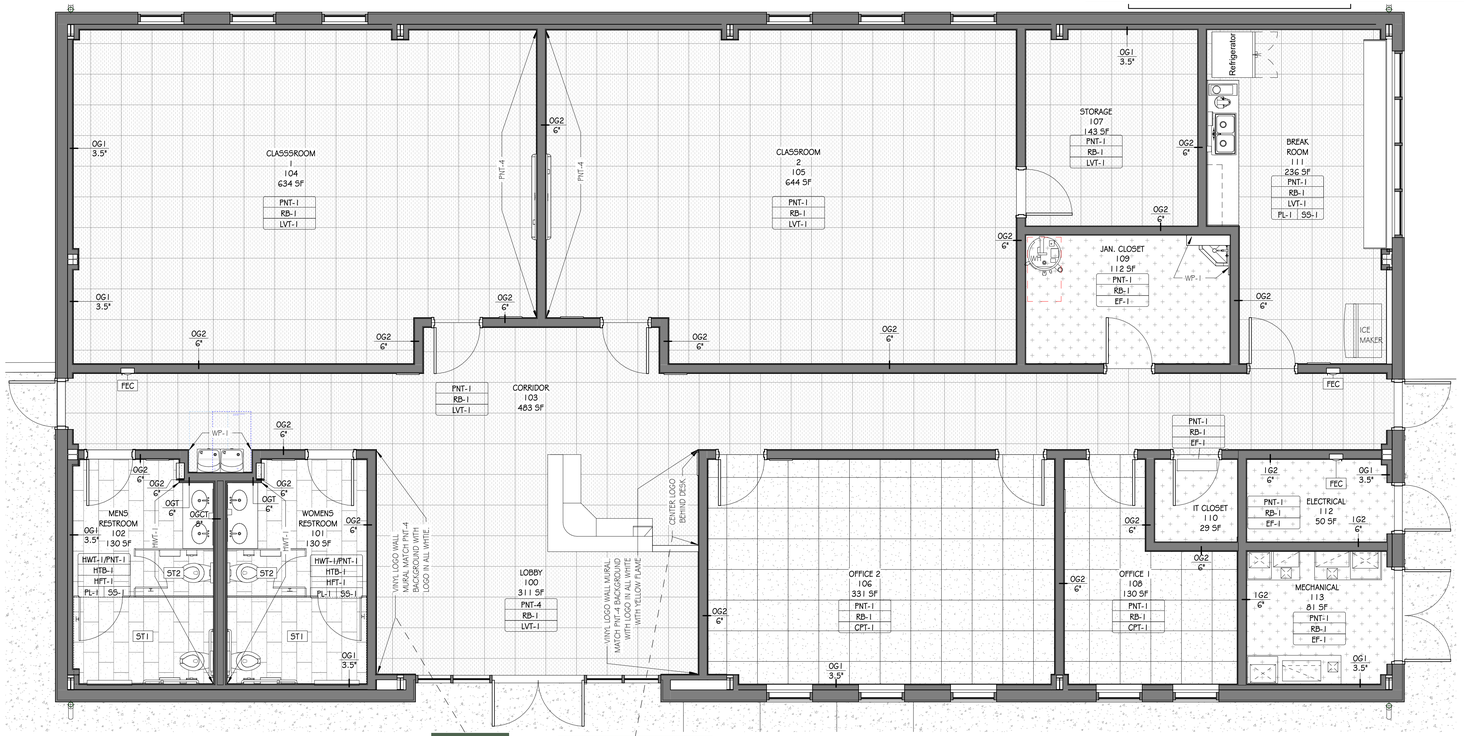
NUMBER	TYPE	DETAIL DESCRIPTION
PL-1	PLASTIC LAMINATE [TYP. FACE]	MANUFACTURER: WILSONART COLOR: RIVER CHERRY #7937-38 LOCATION: RESTROOMS & BREAKROOM
SS-1	SOLID SURFACE	MANUFACTURER: CORIAN COLOR: GLACIER WHITE THICKNESS:3/4" LOCATION: RESTROOMS & BREAKROOM
TP-1	TOILET PARTITIONS	MANUFACTURER: ASI STYLE NAME: HDPE COLOR: GRAY #9200 LOCATION: RESTROOMS
WP-1	WALL PROTECTION	MANUFACTURER: ACROVYN STYLE NAME: SUEDE TEXTURE COLOR: PEARL GRAY #136 LOCATION: BEHIND EWC & BEHIND MOP SINK

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALL	MILLWORK/CASEWORK		COMMENTS
					CABINET	COUNTERTOP	
100	LOBBY	LVT-1	RB-1	PNT-4			VINYL LOGO MURALS
101	WOMENS RESTROOM	HFT-1	HTB-1	HWT-1/PNT-1	PL-1	SS-1	HWT-1 ON WET WALL
102	MENS RESTROOM	HFT-1	HTB-1	HWT-1/PNT-1	PL-1	SS-1	HWT-1 ON WET WALL
103	CORRIDOR	LVT-1	RB-1	PNT-1			WP-1 BEHIND EWC
104	CLASSROOM 1	LVT-1	RB-1	PNT-1			PNT-4 BEHIND SMART BOARD WALL/FRONT OF CLASSROOM
105	CLASSROOM 2	LVT-1	RB-1	PNT-1			PNT-4 BEHIND SMART BOARD WALL/FRONT OF CLASSROOM
106	OFFICE 2	CPT-1	RB-1	PNT-1			
107	STORAGE	LVT-1	RB-1	PNT-1			
108	OFFICE 1	CPT-1	RB-1	PNT-1			
109	JAN. CLOSET	EF-1	RB-1	PNT-1			WP-1 BEHIND MOP SINK
110	IT CLOSET	EF-1	RB-1	PNT-1			
111	BREAK ROOM	LVT-1	RB-1	PNT-1	PL-1	SS-1	
112	ELECTRICAL	EF-1	RB-1	PNT-1			
113	MECHANICAL	EF-1	RB-1	PNT-1			

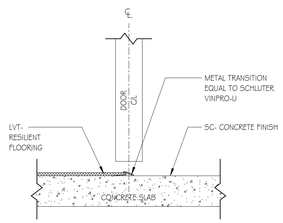
GENERAL NOTES - FINISH PLAN

1. FURNITURE SHOWN FOR REFERENCE ONLY. NOT IN CONTRACT.
2. REFER TO FINISH LEGEND FOR PAINT COLORS CALLED OUT ON REFLECTED CEILING PLANS AND FINISH PLANS.
3. UNLESS OTHERWISE NOTED, ALL FLOOR TILE SHALL BE CENTERED IN ROOM.
4. UNLESS OTHERWISE NOTED, ALL CEILING GRID AND LIGHT FIXTURES SHALL BE CENTERED IN ROOM/OPENING.
5. CONTRACTOR TO REVIEW WITH ARCHITECT, ON SITE, AREAS WITH MULTIPLE CEILING, WALL, AND FLOOR FINISHES BEFORE FINISH WORK BEGINS.
6. REFER TO RCP LEGEND ON OVERALL REFLECTED CEILING PLANS FOR RCP ABBREVIATIONS AND FINISHES.
7. WALL TILE AND BASE GROUT LINES SHALL ALIGN WITH FLOOR TILE.
8. PROVIDE BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN RESTROOMS.

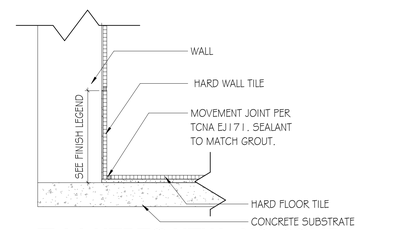


A1 FINISH FLOOR PLAN
SCALE: 1/4" = 1'-0"

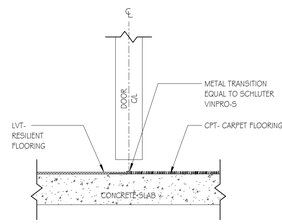
FLOOR TRANSITIONS AND TILE DETAILS



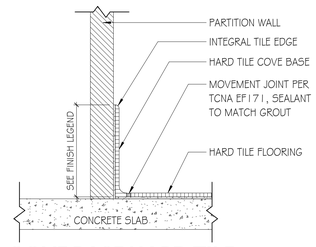
E9 LVT TO SC - METAL
SCALE: 3" = 1'-0"



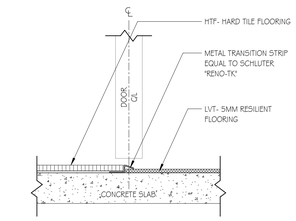
E11 HTF TO HTW - NO COVE
SCALE: 3" = 1'-0"



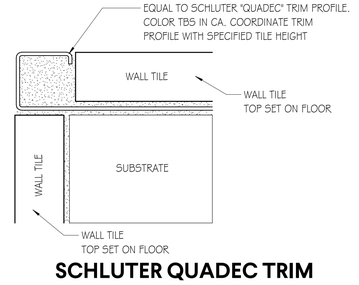
C9 LVT TO CPT - METAL
SCALE: 3" = 1'-0"



C11 COVE BASE HARD TILE - INTEGRAL EDGE
SCALE: 3" = 1'-0"



A9 HTF TO 5MM RESILIENT LVT
SCALE: 3" = 1'-0"



A11 SCHLUTER QUADEC TRIM AT EXPOSED HTW CORNERS
SCALE: 12" = 1'-0"

GMC
Goodwyn Mills Cawood, LLC
11 North Water Street, Suite 19290
Mobile, AL 36602
T 251.460.4006
GMCNETWORK.COM

ISSUE | DATE
ISSUED FOR BID | 01/09/2026

DRAWN BY: H.S.
CHECKED BY: J.W. & S.D.

BSCC TRUCK DRIVING SCHOOL
4551 HALLS MILL RD.
MOBILE, AL 36693

GMC #AMOB250055

STATE OF ALABAMA
JAMES W. DAVIS
MOBILE ALABAMA
REGISTERED ARCHITECT

FINISH PLAN, LEGEND & SCHEDULE

A8.01

BISHOP STATE TRUCK DRIVING

2/4/2026 2:44:45 PM TEMPLATE VERSION: 2025.1

School Zone® FINE FISSURED™ & School Zone® GEORGIAN™

Square Lay-in & Tegular
medium texture

TOTAL ACOUSTICS™
Sound Absorption (NRC) + Sound Blocking (CAC)

SUSTAIN®
High Performance Sustainable Ceiling Systems

CAD/Revit® drawings at:
armstrongceilings.com/cadrevit

School Zone Fine Fissured panels with Prelude XL 15/16" suspension system

Economical panel that is a good choice for classrooms with a non-directional visual and Total Acoustics® panel performance

KEY SELECTION ATTRIBUTES

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- High sound absorption – products can help comply with ANSI S12.60 classroom guidelines
- Economical
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim – School Zone™ Fine Fissured™
- Mold- and mildew-resistant surface
- Part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Non-directional visual reduces scrap and installation time
- School Zone® Fine Fissured™ USDA Certified Biobased Product – 99%
- Product can be recycled through the Armstrong Ceilings Recycling Program
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

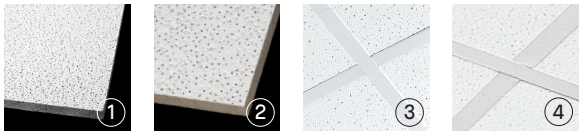
TYPICAL APPLICATIONS

- Schools
- Healthcare – assists in addressing HIPAA and FGI acoustical requirements
- Libraries/band rooms
- Corridors

COLOR

White
(WH)

DETAILS (Other Suspension Systems compatible. Refer to listing on next page.)



1. School Zone® Fine Fissured™ Square Lay-in
2. School Zone® Georgian™
3. Fine Fissured™ Square Lay-in with Prelude® 15/16" suspension system
4. School Zone® Georgian™ with Prelude® 15/16" suspension system

TechLine 877 276-7876
armstrongceilings.com/schoolzone

Armstrong® World Industries

School Zone® FINE FISSURED™ & School Zone® GEORGIAN™

Square Lay-in & Tegular
medium texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 99%

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT UP TO **56%**

LEED V5 Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

VISUAL SELECTION

PERFORMANCE SELECTION
Dots represent high level of performance. $$$$

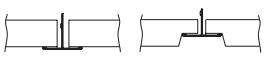
armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	=	Total Acoustics[1]	Fire Performance	Light Reflect	Bio-Block Anti-Mold/ Mildew	Humi-Guard+ Sag Resistant	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels: Fog	Spray	DURABILITY: Wash	Impact	Scratch	Recycle Program	30-Yr Warranty
School Zone® FINE FISSURED™ 15/16" Square Lay-in	1	1713	24 × 24 × 3/4"	0.70	35		BETTER	Class A	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
		1713BL	24 × 24 × 3/4"																
		1810	24 × 24 × 3/4"	0.70	40		BETTER	Fire Guard™	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
		1714	24 × 48 × 3/4"	0.70	40		BETTER	Class A	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
		1811	24 × 48 × 3/4"	0.70	40		BETTER	Fire Guard	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
15/16" Angled Tegular	13	1717	24 × 24 × 3/4"	0.70	40		BETTER	Class A	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
		1820	24 × 24 × 3/4"	0.70	35		BETTER	Fire Guard	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
		1824	24 × 48 × 3/4"	0.70	35		BETTER	Fire Guard	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56	1719	24 × 24 × 3/4"	0.70	40		BETTER	Class A	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
		1821	24 × 24 × 3/4"	0.70	35		BETTER	Fire Guard	0.82	•	•	•	•	•	N/A	N/A	N/A	•	•
School Zone® GEORGIAN™ 15/16" Square Lay-in	1	796	24 × 24 × 3/4"	0.65	35		GOOD	Class A	0.86	•	•	•	N/A	N/A	•	•	•	•	•
		795	24 × 48 × 3/4"	0.65	35		GOOD	Class A	0.86	•	•	•	N/A	N/A	•	•	•	•	•

Red Numbers are Fire Guard items.

[1] Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

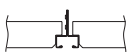
SUSPENSION SYSTEMS

15/16"

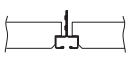


Prelude®
Prelude® XL® Fire Guard™

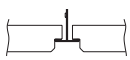
9/16"



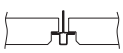
Silhouette® 1/4" Reveal



Silhouette 1/8" Reveal



Suprafine®
Suprafine® XL® Fire Guard™



Interlude® XL® HRC

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL® labeled).

Fire Guard™: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type A, Form A1.2, Pattern D; Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard™, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Prelude® suspension system for 15/16" edge detail and Silhouette® suspension system for 9/16" edge detail.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
School Zone® Fine Fissured™: R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)
School Zone® Georgian™: R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

Cleaning and Disinfecting
Cleaning and CDC-recommended disinfecting options available on armstrongceilings.com/cleaning

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Square Feet/Carton
1824 – 1.20 LBS/SF; 64 SF/CTN
1717, 1719 – 1.25 LBS/SF; 48 SF/CTN
1713, 1713BL, 1810, 1820, 1821 – 1.31 LBS/SF; 48 SF/CTN
1714, 1811 – 1.38 LBS/SF; 64 SF/CTN
795 – 1.38 LBS/SF; 64 SF/CTN
796 – 1.31 LBS/SF; 48 SF/CTN

Minimum Order Quantity
1 carton, excludes made-to-order panels

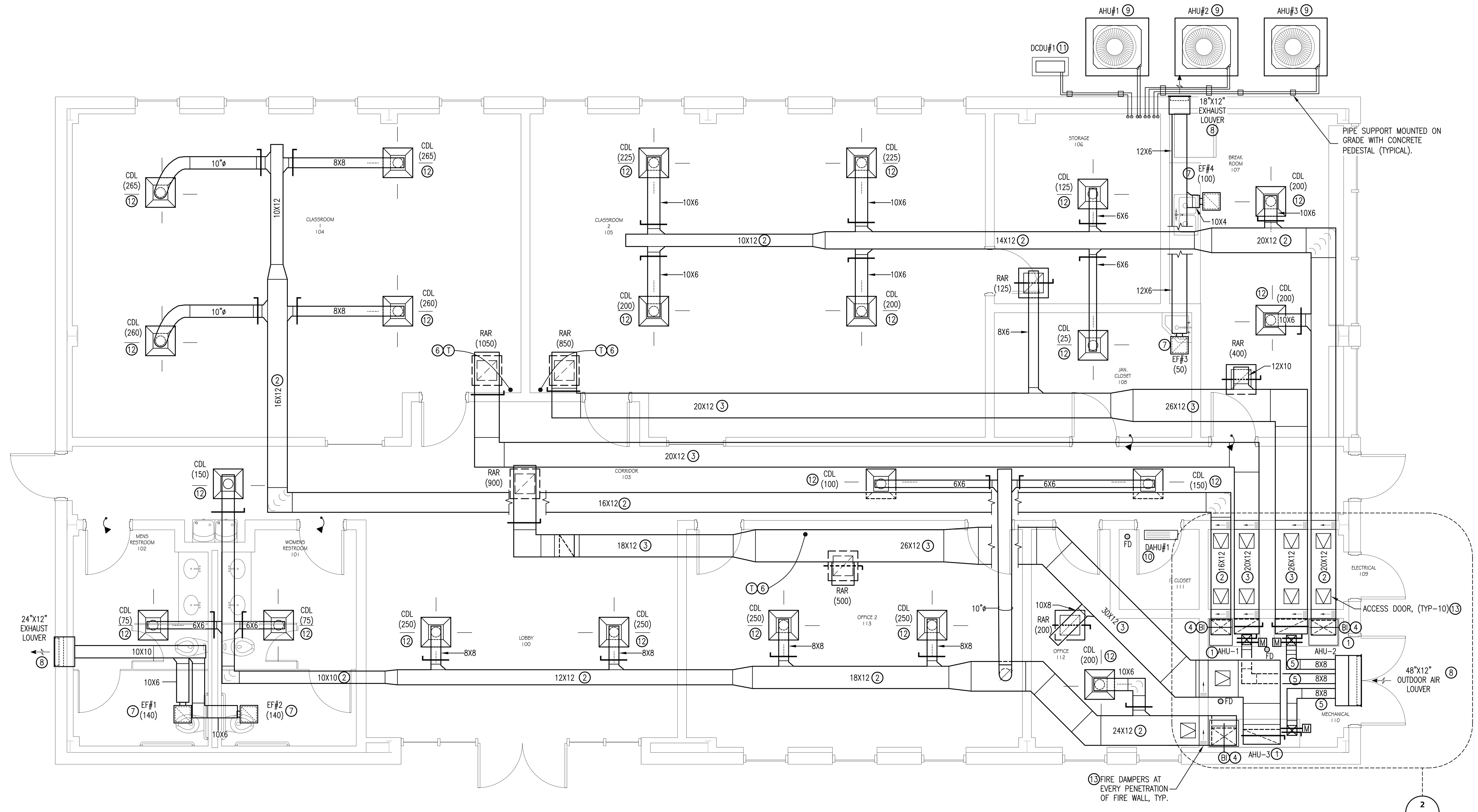
Metric Items Available
Items 1810M, 1811M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine / 1 877 276-7876
armstrongceilings.com/schoolzone

BPCS-4629-925

Armstrong® World Industries

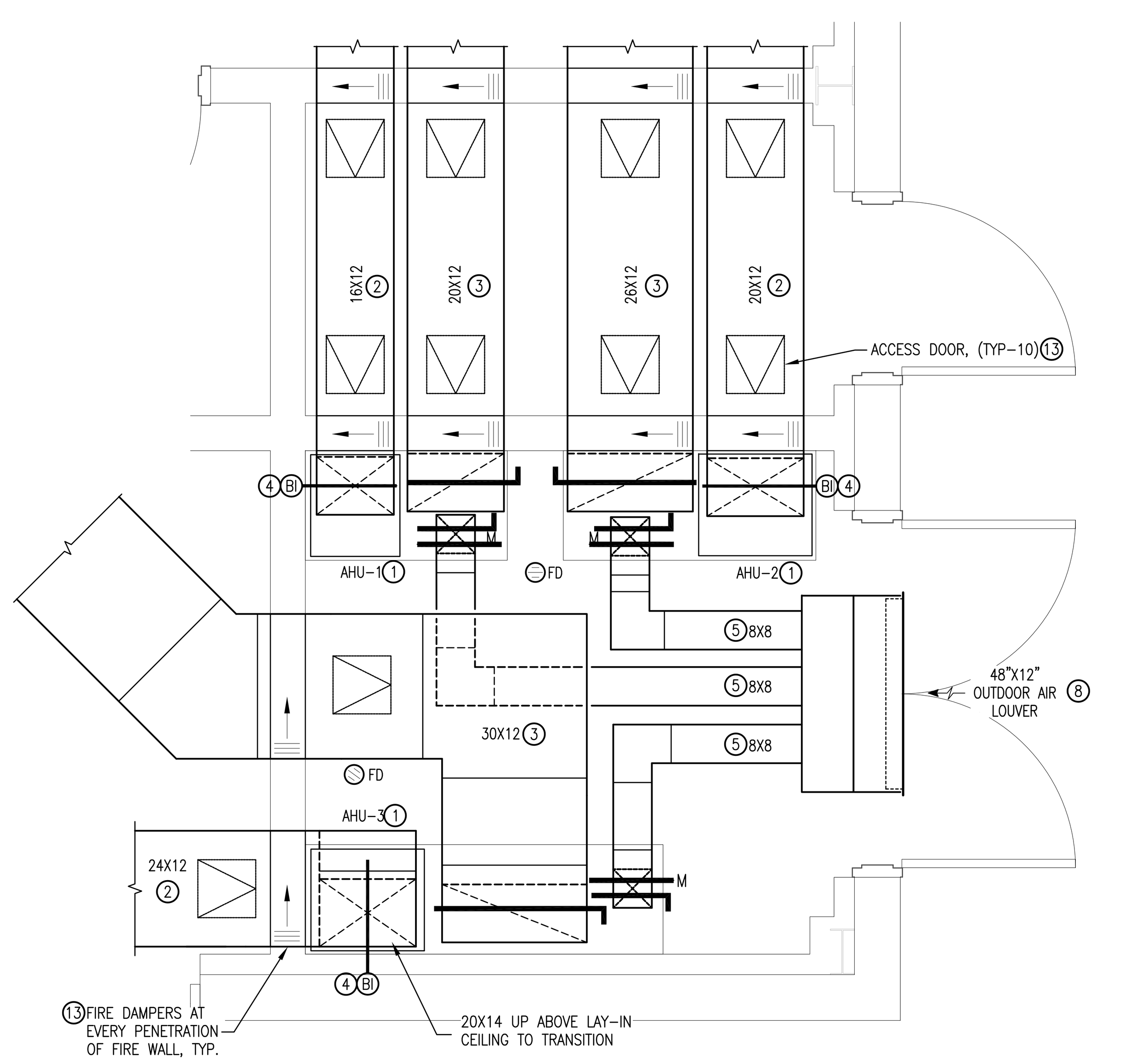
MINERAL FIBER – Standard



1 HVAC NEW WORK PLAN

SCALE: 1/4" =1'-0"

TRUE NORTH



2 ENLARGED MECHANICAL ROOM PLAN

M-1.1

SCALE: 1/2" =1'-0"

TRUE NORTH

HVAC NEW WORK KEY NOTES:

1. AIR HANDLING UNIT OF SPLIT SYSTEM HEAT PUMP MOUNTED ON RETURN AIR PLENUM CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS. A METAL FRAME SHALL BE OF GALVANIZED ANGLED IRON WITH GALVANIZED SHEET METAL SIDES AND TOP. INSULATE INTERIOR OF PLENUM WITH 1-1/2 INCH THICK FIBROUS DUCT BOARD. APPLY INSULATION TO TOP AND BOTTOM TO COVER ALL INTERIOR EXPOSED METAL. EXTEND FROM UNIT, FULL SIZE OF UNIT OPENING A CONDENSATE DRAIN ROUTED TO SPILL ONTO FLOOR DRAIN. COMPLETELY INSULATE CONDENSATE DRAIN LINE FROM UNIT TO FLOOR DRAIN. INCLUDE IN P-TRAP OF DRAIN LINE A FLOAT SWITCH TO AUTOMATICALLY SHUT DOWN UNIT AS DRAINAGE SYSTEM FLOODS. SUPPORT DRAIN PIPING EVERY 48 INCHES WITH UNISTRUT TYPE PIPE SUPPORT SYSTEM.
2. SUPPLY AIR DUCTWORK SHALL EXTEND UP FROM UNIT FULL SIZE OF OPENING WITH TRANSITION TO INDICATED DUCT SIZE. ROUTE DUCT TIGHT TO UNDERSIDE OF ROOF JOISTS GENERALLY AS INDICATED WITH OFFSETS TO AVOID OBSTRUCTIONS. EXTEND BRANCH DUCTS FOR CONNECTION OF DESIGNATED AIR DEVICES. INCLUDE A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT AND BALANCE AIR DEVICE TO INDICATED AIR FLOW. BRANCH DUCTS SHALL BE ROUTED ABOVE MAIN DUCTS BETWEEN ROOF JOISTS TO ACCOMMODATE FIELD CONDITIONS.
3. RETURN AIR DUCTWORK SHALL BE EXTENDED UP FROM RETURN AIR PLENUM AND ELBOW TO HORIZONTAL POSITION AT SAME ELEVATION AS SUPPLY AIR DUCT. EXTEND BRANCH DUCTS FROM TRUNK DUCT FOR CONNECTION TO DESIGNATED AIR DEVICES. INCLUDE A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT AND BALANCE AIR DEVICE TO INDICATED AIR FLOW. ADDITIONALLY, A MANUAL VOLUME DAMPER SHALL BE INSTALLED IN RETURN AIR DUCT WITHIN 36 INCHES OF PLENUM.
4. DUCT MOUNTED BI-POLAR IONIZATION DEVICE IN SUPPLY AIR DUCT. INTERLOCK BI-POLAR IONIZATION DEVICE WITH AIR HANDLING UNIT SUCH THAT AS UNIT IS OPERATING SO SHALL THE BI-POLAR IONIZATION DEVICE BE OPERATING AND OTHERWISE BOTH SHALL NOT BE OPERATING.
5. OUTDOOR AIR INTAKE DUCTWORK SHALL BE EXTENDED UP FROM RETURN AIR PLENUM AND OVER FOR CONNECTION TO WALL MOUNTED OUTDOOR AIR INTAKE LOUVER ABOVE MECHANICAL ROOM DOORS. INSTALL A MANUAL VOLUME DAMPER AND MOTORIZED DAMPER IN OUTDOOR AIR DUCTWORK WITHIN 36 INCHES OF PLENUM. BALANCE MANUAL VOLUME DAMPER TO INDICATED AIR FLOW. INTERLOCK MOTORIZED DAMPER WITH RESPECTIVE TEMPERATURE CONTROLLER SUCH THAT DAMPER SHALL BE OPEN DURING OCCUPIED HOURS. OTHERWISE THE MOTORIZED DAMPER SHALL BE CLOSED.
6. WALL MOUNTED ELECTRIC/ELECTRONIC TEMPERATURE CONTROLLER WITH DIGITAL DISPLAY, SEVEN DAY PROGRAMMING, MODE SELECTION, AUTOMATIC CHANGE OVER AND BATTERY BACK-UP. INCLUDE AUXILIARY CONTACTS WITH CONTROLLER FOR CONTROL OF OUTDOOR AIR INTAKE MOTORIZED DAMPER. MOTORIZED DAMPER SHALL BE OPEN DURING OCCUPIED HOURS AND CLOSED OTHERWISE.
7. CEILING MOUNTED EXHAUST FAN WITH EXHAUST AIR DISCHARGE DUCTWORK ROUTED FOR CONNECTION TO DESIGNATED PLENUM OF DISCHARGE AIR LOUVER. INTERLOCK CONTROL OF EXHAUST FAN AS SCHEDULED.
8. WALL MOUNTED LOUVER THAT IS WEATHERPROOF AND HURRICANE RATED PER MIAMI-DADE STANDARDS. PROVIDE LOUVER WITH FULL SIZE PLENUM EXTENDING A MINIMUM OF 12 INCHES FROM BACK OF LOUVER FOR CONNECTION OF DESIGNATED DUCTWORK. ADJUST FINAL LOCATION OF LOUVER SUBJECT TO ARCHITECTURAL PLANS.
9. OUTDOOR CONDENSING UNIT MOUNTED ON 4 INCH THICK CONCRETE PAD. PAD SHALL BE 4 INCHES LARGER THAN UNIT IN ALL DIRECTIONS. SECURE UNIT TO PAD AT EACH SUPPORT. EXTEND REFRIGERANT PIPING FROM CONDENSING UNIT ABOVE GRADE OVER TO EXTERIOR WALL UNTIL ALIGNED WITH STORAGE ROOM. PIPING TO PENETRATE WALL AND TURN UP ON INSIDE SURFACE OF WALL TO ABOVE CEILING ELEVATION, OVER INTO MECHANICAL ROOM TO ABOVE RESPECTIVE AIR HANDLING UNIT AND DOWN FOR CONNECTION. SUPPORT REFRIGERANT PIPING EVERY 48 INCHES IN HORIZONTAL AND VERTICAL POSITIONS WITH UNISTRUT TYPE PIPE SUPPORT SYSTEM.
10. DUCTLESS MINI-SPLIT SYSTEM INSTALLED IN ELECTRICAL ROOM. UNIT SHALL BE WALL MOUNTED ABOVE DOOR. CONDENSATE DRAIN PIPING SHALL BE ROUTED TO DESIGNATED FLOOR DRAIN. PLUMBING TO COORDINATE FLOOR DRAIN LOCATION WITH MECHANICAL CONTRACTOR. COMPLETELY INSULATE CONDENSATE DRAIN AND SUPPORT EVERY 48 INCHES.
11. OUTDOOR CONDENSING UNIT FOR DUCTLESS MINI-SPLIT SYSTEM MOUNTED ON 4 INCH CONCRETE PAD. SECURE UNIT AT CORNER TO PAD. EXTEND REFRIGERANT PIPING FROM CONDENSING UNIT ABOVE GRADE OVER TO EXTERIOR WALL ALIGNED WITH STORAGE ROOM. PIPING TO PENETRATE WALL AND TURN UP ON INSIDE SURFACE OF WALL TO ABOVE CEILING ELEVATION, OVER TO ABOVE DUCTLESS MINI-SPLIT SYSTEM FOR CONNECTION. SUPPORT PIPING IN HORIZONTAL AND VERTICAL AND POSITIONS EVERY 48 INCHES WITH UNISTRUT TYPE PIPE SUPPORT SYSTEM.
12. NEW AIR DEVICE INSTALLED IN LAY-IN CEILING. PROVIDE BRANCH DUCT WITH AIR DAMPENING DEVICE TO BALANCE AIR DEVICE TO DESIGN AIR FLOW.
13. STATIC FIRE DAMPER INSTALLED IN DUCT AT FIRE WALL PENETRATIONS. INCLUDE PANEL IN DUCTWORK TO ALLOW ACCESS TO FIRE DAMPER. WHERE GYPSUM BOARD CEILINGS ARE PRESENT, AN ACCESS PANEL SHALL BE INSTALLED IN COORDINATION WITH DUCT WORK ACCESS PANEL.

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GMCNETWORK.COM

ISSUE	DATE
ISSUE FOR BID	01/09/2026

DRAWN BY:
CHECKED BY:

BSCC TRUCK DRIVING SCHOOL
4551 HALLS MILL RD.
MOBILE, AL 36693

GMC AMOB250055

HVAC NEW WORK PLAN

M1.01

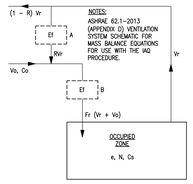
sheet of

OUTSIDE AIR VENTILATION RATES
IAQ PROCEDURE – 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
CORNER CLASSROOM	EDUCATIONAL	CLASSROOMS	653 (4)	25	10.0	0.12	250	78	1.0	328 (3)

ZONE HEIGHT (FT)	10		AIR CHANGES/HOUR	9.6	
DESIRED OA (Vo) IAQ	130		OA PER VRP	328 CFM	VRP OA CFM/PERSON	13.1
MAX/MIN SA (Vs)	1050		OA PER IAQ	130 CFM	IAQ OA CFM/PERSON	5.2
RETURN AIR (Vr)	920		OA SAVINGS	198 CFM		
RECIRC. FLOW FACTOR(R)	0.88		OA DRY BULB	95 °F		
VENT. EFF. (Ez)	1.0		OA WET BULB	80 °F		
PHYSICAL ACTIVITY	SEDENTARY		COIL LVG. DRY BULB	55 °F		
FILTER LOCATION	B		COIL LVG. WET BULB	54 °F		
HVAC FLOW TYPE	CONSTANT					
OA FLOW TYPE	CONSTANT					

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	990	1034	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?		YES



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(2) ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
(3) OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
(4) OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI–POLAR AIR PURIFICATION DEVICES.

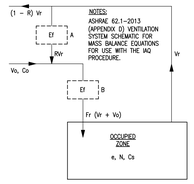
NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

OUTSIDE AIR VENTILATION RATES
IAQ PROCEDURE – 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
CLASSROOM AND BREAKROOM	EDUCATIONAL	CLASSROOMS	1175 (4)	30	10.0	0.12	300	141	1.0	441 (3)

ZONE HEIGHT (FT)	10		AIR CHANGES/HOUR	7.1	
DESIRED OA (Vo) IAQ	175		OA PER VRP	441 CFM	VRP OA CFM/PERSON	14.7
MAX/MIN SA (Vs)	1400		OA PER IAQ	175 CFM	IAQ OA CFM/PERSON	5.8
RETURN AIR (Vr)	1225		OA SAVINGS	266 CFM		
RECIRC. FLOW FACTOR(R)	0.88		OA DRY BULB	95 °F		
VENT. EFF. (Ez)	1.0		OA WET BULB	80 °F		
PHYSICAL ACTIVITY	SEDENTARY		COIL LVG. DRY BULB	55 °F		
FILTER LOCATION	B		COIL LVG. WET BULB	54 °F		
HVAC FLOW TYPE	CONSTANT					
OA FLOW TYPE	CONSTANT					

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	990	1034	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?		YES



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OUTSIDE AIR VENTILATION RATES
IAQ PROCEDURE – 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
CORRIDOR AND OFFICES	CORRIDOR	CORRIDOR	1627 (4)	56	0.0	0.06	0	98	1.0	98 (3)

ZONE HEIGHT (FT)	10		AIR CHANGES/HOUR	6.5	
DESIRED OA (Vo) IAQ	200		OA PER VRP	98 CFM	VRP OA CFM/PERSON	1.7
MAX/MIN SA (Vs)	1750		OA PER IAQ	200 CFM	IAQ OA CFM/PERSON	3.6
RETURN AIR (Vr)	1550		OA SAVINGS	–102 CFM		
RECIRC. FLOW FACTOR(R)	0.89		OA DRY BULB	95 °F		
VENT. EFF. (Ez)	1.0		OA WET BULB	80 °F		
PHYSICAL ACTIVITY	STANDING		COIL LVG. DRY BULB	55 °F		
FILTER LOCATION	B		COIL LVG. WET BULB	54 °F		
HVAC FLOW TYPE	CONSTANT					
OA FLOW TYPE	CONSTANT					

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	990	1034	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
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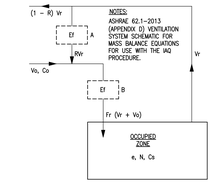
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?		YES



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NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI–POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

MECHANICAL LEGEND

AHU	AIR HANDLING UNIT
DAHU	DUCTLESS AIR HANDLING UNIT
CDL	CEILING DIFFUSER LAY–IN
CDG	CEILING DIFFUSER GYPSUM BOARD
CFM	CUBIC FEET PER MINUTE
EF	EXHAUST FAN
HPU	HEAT PUMP UNIT
DCDU	DUCTLESS CONDENSING UNIT
MVD	MANUAL VOLUME DAMPER
OA	OUTSIDE AIR
RA	RETURN AIR
RAR	RETURN AIR REGISTER
SA	SUPPLY AIR
TYP	TYPICAL
	CEILING DIFFUSER WITH THROW INDICATION
	EXHAUST/RETURN AIR DEVICE
	FLEXIBLE DUCT
W X H	DUCTWORK (DIMENSIONS: WIDTH X HEIGHT)
W X H W X H	FLEX DUCT TAKE–OFF WITH AIR–SCOOP, SPIN–IN TAP AND BALANCING DAMPER
	ELBOW WITH TURNING VANES
	45° SHOE–FITTING TAKE–OFF
	DUCT CONNECTION OVER AIR DEVICE
	RETURN AIR DUCT IN SECTION
	SUPPLY AIR DUCT IN SECTION
BI	BI–POLAR IONIZATION
M	MOTORIZED DAMPER
T#	THERMOSTAT WITH EQUIPMENT # SERVED MOUNT 48" A.F.F.
	5/8" DOOR UNDERCUT
	MANUAL VOLUME DAMPER

SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

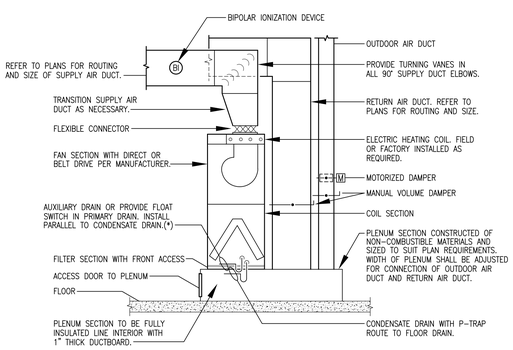
MARK AHU	AREA SERVED	NOMINAL TONNAGE	AHU DATA					AHU ELECTRICAL DATA					AHU COOLING CAPACITY @ ARI STANDARD CONDITIONS					HPU HEATING CAPACITY @ ARI STANDARD CONDITIONS				C.O.P	MIN. SEER2/ EER2	COMPR. RLA.	OUTDOOR FAN FLA.	HPU ELECTRICAL DATA					REMARKS
			TOTAL CFM	OA CFM	ESP	MOTOR HP	HEAT KW	VOLTS	Hz	PHASE	MCA	MOCP	EDB °F	EWB °F	AMBIENT °F	TOTAL BTU/HR	SENSIBLE BTU/HR	EDB °F	AMBIENT °F	TOTAL BTU/HR					VOLTS	Hz	PHASE	MCA	MOCP	
AHU#1	CORNER CLASS ROOM	3 TONS	1050	130	0.5"	1/2	9.6	240	60	1	55	60	80	67	95	31,953	22,513	70	47	32,000	3.9	14.3	1 @ 14.1	0.64	240	60	1	19	30	(1)(2)(3)(4)
AHU#2	CLASSROOM/BREAKROOM	4 TONS	1400	175	0.5"	1/2	9.6	240	60	1	55	60	80	67	95	43,000	30,600	70	47	43,500	4.0	14.3	1 @ 18.1	2.80	240	60	1	25	40	(1)(2)(3)(4)
AHU#3	CORRIDOR/OFFICES/BATHROOMS	5 TONS	1750	200	0.5"	1/2	9.6	240	60	1	59	60	80	67	95	54,846	39,562	70	47	52,500	4.0	14.3	1 @ 22.3	2.80	240	60	1	33	50	(1)(2)(3)(4)

NOTES:
(1) THE HEAT PUMP SHALL OPERATE AS STAGE 1 HEATING. THE ELECTRIC STRIP HEAT SHALL OPERATE AS STAGE 2 HEATING AND DEFROST CYCLE. DURING STAGE 2 HEATING, THE COMPRESSOR AND THE ELECTRIC STRIP HEAT SHALL OPERATE SIMULTANEOUSLY.
(2) PROVIDE SINGLE POINT CONNECTION FOR AIR HANDLING UNIT BLOWER AND STRIP HEAT.
(3) AIR HANDLING UNIT IS TO OPERATE CONTINUOUSLY DURING OCCUPIED HOURS WITH CONDENSING UNIT CYCLING SUBJECT TO THERMOSTATIC SETTING. DURING UNOCCUPIED HOURS, AIR HANDLING UNIT AND CONDENSING UNIT TO CYCLE SIMULTANEOUSLY SUBJECT TO THERMOSTATIC SETTING.
(4) BASIS OF DESIGN – TRANE SPLIT SYSTEM AIR HANDLER 2–5 TON (240V, 60hz, 1ø) & TRANE HEAT PUMP 3–5 TON (240V, 60hz, 1ø).

DUCTLESS SPLIT AIR CONDITIONING UNIT SCHEDULE

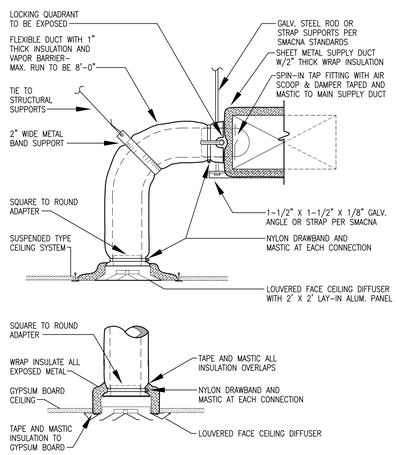
MARK	AHU DATA		COOLING CAPACITY @ AHRI STANDARD CONDITIONS				REFR. TYPE	MIN. SEER	COMPR. RLA	OUTDOOR FAN FLA	INDOOR MCA	OUTDOOR UNIT MCA	OUTDOOR UNIT MOCP	ELEC. DATA (V/Hz/PH)	SERVES	REMARKS
	TOTAL CFM	MOTOR	EDB	EWB	AMBIENT	COOLING BTU/HR										
DAHU#1	250	0.5 FLA	80°F	67°F	95°F/75°F	9,000	R–410	14.0	6.72 A	0.5 A	1.0 A	10 A	15 A	240/60/1	IT	(1)(2)(3)(4)(5)(6)(7)(8)

NOTES:
(1) PROVIDE WALL–MOUNTED INDOOR UNIT COMPLETE WITH A WALL MOUNTED THERMOSTAT.
(2) COMPRESSOR SHALL BE INVERTER DRIVEN TYPE.
(3) INDOOR UNIT RECEIVES POWER FROM OUTDOOR UNIT THRU FIELD SUPPLIED INTERCONNECTED WIRING. COORDINATE WIRING REQUIREMENTS WITH ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ELECTRICAL CONTRACTOR PROVIDING POWER TO INDOOR UNIT.
(4) ROUTE FULLY INSULATED CONDENSATE DRAIN LINE TO FLOOR DRAIN IN SAME SPACE.
(5) PROVIDE WITH DRAIN PAN LEVEL SENSOR TO SHUT DOWN UNIT PRIOR TO PAN OVERFLOW. SENSOR SHALL BE PROVIDED BY UNIT MANUFACTURER.
(6) AIRFLOW SHOWN IS FOR 'HIGH' CFM SETTING WITH DRY COIL CONDITION.
(7) PROVIDE WITH 7 YEAR COMPRESSOR AND 5 YEAR PARTS MANUFACTURER WARRANTY.
(8) BASIS OF DESIGN: MITSUBISHI



TYPICAL VERTICAL AHU DETAIL
NOT TO SCALE

*NOTE: FLOW SWITCH IN PRIMARY DRAIN LINE SHALL BE LOCATED AT A POINT HIGHER THAN THE PRIMARY DRAIN LINE CONNECTION AND BELOW THE OVERFLOW RIM OF SUCH PAN.

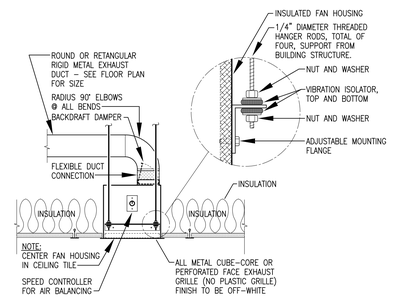


TYPICAL CEILING DIFFUSER DETAIL
NOT TO SCALE

FAN SCHEDULE

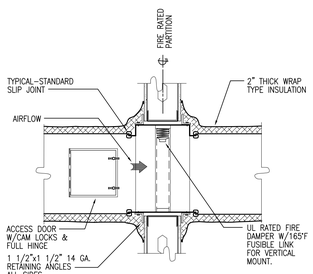
MARK	TOTAL CFM (DIA.)	TSP IN WC	MAX RPM	TYPE DRIVE	TYPE FAN	INTERLOCK WITH	MOTOR HP/WATTS	MAX SONES	ELECTRICAL DATA			REMARKS
									VOLTS	Hz	PHASE	
EF#1	140	0.25	915	DIRECT	CEILING MOUNTED	LIGHT SWITCH	17 W	2.0	120	60	1	(1)(2)(3)(4)(5)
EF#2	140	0.25	915	DIRECT	CEILING MOUNTED	LIGHT SWITCH	17 W	2.0	120	60	1	(1)(2)(3)(4)(5)
EF#3	50	0.25	797	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	2.5	120	60	1	(1)(2)(3)(4)(5)
EF#4	100	0.30	797	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	2.5	120	60	1	(1)(2)(3)(4)(5)

NOTES:
(1) PROVIDE WITH FAN SPEED CONTROLLER, CONTROLLER SHALL BE MOUNTED TO FAN.
(2) PROVIDE WITH ALUMINUM GRILLE. PLASTIC GRILLES SHALL NOT BE ACCEPTABLE
(3) PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.
(4) PROVIDE WITH INTEGRAL DISCONNECT.
(5) PROVIDE MOTOR WITH THERMAL OVERLOAD.



NOTE: SUPPORT RODS TO ROOF STRUCTURE – DO NOT SUPPORT FAN WITH CEILING SYSTEM

TYPICAL EXHAUST FAN DETAIL
NOT TO SCALE



TYPICAL STATIC FIRE DAMPER DETAILS
NOT TO SCALE

AIR DEVICE SCHEDULE

MARK	CFM	MAX. NC	AIR DEVICE SIZE	DUCT CONNECTION SIZE	REMARKS (TYPE)
0–75	0–75	25	6"x6"	SEE PLANS	CD
76–150	76–150	25	9"x6"	SEE PLANS	CD
151–200	151–200	25	9"x9"	SEE PLANS	CD
201–300	201–300	25	9"x9"	SEE PLANS	CD
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0–150	0–150	25	8"x8"	SEE PLANS	RAR
151–450	151–450	25	12"x12"	SEE PLANS	RAR
451–600	451–600	25	14"x14"	SEE PLANS	RAR
601–1000	601–1000	25	18"x18"	SEE PLANS	RAR
1001–2000	1001–2000	25	24"x24"	SEE PLANS	RAR

NOTES:
(1) PROVIDE 24"X24" PANEL FOR ALL AIR DEVICES IN LAY–IN CEILING.
(2) PROVIDE DUCT CONNECTION SIZE SHOWN UNLESS OTHERWISE NOTED ON PLANS.
(3) AIR DEVICE SIZES SHOWN ON PLANS TAKE PRECEDENCE OVER THIS SCHEDULE.

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434–2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690–7446

GMC
Goodwyn Mills Cawood,
11 North Water Street, Suite 19290
Mobile, AL 36602
T 251.460.4006
GMCNETWORK.COM

ISSUE DATE
ISSUE FOR BID 01/09/2026

DRAWN BY:
CHECKED BY:

BSCC TRUCK DRIVING SCHOOL
4551 HALLS MILL RD.
MOBILE, AL 36693

GMC AMOB250055

ALABAMA LICENSED ENGINEER 24948 01/30/2026

HVAC SCHEDULES AND DETAILS

M2.01
sheet of

LMD: M:\Jobs_Active\25138 BSCC Truck Driving School\25138M101.dwg 09/24/25 11:31

TRIPTEK CONSTRUCTION

Substitution Request

1626 Jack Springs Rd. I Atmore, AL 36502 I www.triptekconstruction.com

Date:	Project No:	Req. No:	Requested Response Date:
2/2/2026	2025 093 BISHOP	1	2/9/2026

Project Name:	Spec Section:	Detail:
TRUCK DRIVING SCHOOL BSCC	13 1220	METAL BUILDING SYSTEM & COMPONENTS

Project Location:	Drawing Title and No:

☑ No Change in Cost	☑ No Change in Time
☐ Cost Increase of Approx: $	☐ Time Increase of Approx: $
☐ Cost Decrease of Approx: $	☐ Time Decrease of Approx: $

Request / Clarification Needed:

REQUESTING ON BEHALF OF ALLIANCE STEEL. PROPOSED SUBSTITUTION OF ALOK-16 STANDING SEAM, PBR. PROPOSED SUBSTITUTION HAS BEEN FULLY INVESTIGATED AND DETERMINED TO BE EQUAL OR SUPERIOR IN ALL RESPECTS TO THE SPECIFIED PRODUCT. SAME WARRANTY WILL BE FURNISHED FOR PROPOSED SUBSTITUTION AS FOR SPECIFIED PRODUCT. SAME MAINTENANCE, SERVICE & SOURCE OF REPLACEMENT PARTS, AS APPLICABLE, IS AVAILABLE.
PROPOSED SUBSTITUTION DOES NOT AFFECT DIMENSIONS AND FUNCTIONAL CLEARANCES.

PRODUCT DATA IS ATTACHED.

Requestor Name & Title:	Request Date:
MARK RODGERS, ON BEHALF OF ALLIANCE STEEL, INC.	FEBRUARY 2, 2026

Response:

Responder Name & Title:	Response Date:

ALLIANCE STEEL, INC. ● 3333 SOUTH COUNCIL ROAD ● OKLAHOMA CITY, OK ● 73179 PHONE: (405) 745-7500 ● FAX: (405) 745-7503
www.allianceokc.com

MANUFACTURER'S QUALIFICATION STATEMENT

Alliance Steel, Inc. has been manufacturing custom designed, superior steel building systems & building components since 1972. Our team's ambitious attitude and strong financial growth has allowed us to obtain a 57-acre campus in Oklahoma City, OK that contains a 420,000 square foot manufacturing plant along with two additional 15,000 square foot administrative facilities. Our manufacturing plant is one of the largest, most automated steel building plants in the country. The construction of these facilities is not only a reflection of our success in the marketplace, but a reflection of our strong desire to provide the highest quality product that is most economical to our clients.

MANUFACTURING FACILITIES

Shop Capacity:

- 4000 tons per month

Welding Area: (50 tons per shift)

- 1 – Franklin© CNC Automated Flange Line
- 1 – Franklin© CNC Automated Weld Lines with 2 – Messer© Plasma Cutting Systems
- 4 – 125 Ton Iron-Workers®
- 55 – Complete Weld Stations staffed with AWS certified welding professionals

Paint Area:

- 3 – Binks© Airless Paint Systems

Secondary Structural Roll-Forming Area: (60 tons per shift)

- 2 – ASC© Fully Automated Cee and Zee Roll-Forming Lines
- 1 – ASC© Automated Purlin Strut, Flange Brace, and Hat Channel Roll-Former
- 1 – Jorns© 40' CNC Automated Press Brake
- 1 – LVD© 30-ton CNC Press Brake

Panel Roll-Forming Area: (80 tons per shift)

- 6 – ASC© CNC Automated Roll-Forming Lines Producing:
  - AllianceSeam-24 (AS-24) – Standing Seam Roof System (mechanical seam)
  - AllianceLok-16 (Alok-16) – Standing Seam Roof System (mechanical seam)
  - NFS-16 – Standing Seam Roof System (snap-lock seam)
  - PBR – Roof & Wall Panel
  - PBA – Roof & Wall Panel
  - PBM – Roof & Wall Panel
  - ABT-32 – Corrugated Roof & Wall Panel
  - AllianceWall-16 – Concealed Fastener Wall System (Shadow-Rib)
  - LT 3.3 – Roof & Wall Panel
  - IP-36 – Roof & Liner Panel
  - A-12 – Concealed Fastener Soffit, Roof/Wall Liner Panel
  - Perforated 0.032" Aluminum A-12 & PBM – Soffit, Roof/Wall Liner Panel (white only)

ALLIANCE STEEL, INC. ● 3333 SOUTH COUNCIL ROAD ● OKLAHOMA CITY, OK ● 73179 PHONE: (405) 745-7500 ● FAX: (405) 745-7503
www.allianceokc.com

Trim Area:

- 2 – 20' Jorns© Twin-Folding Automated Trim Machines
- 4 – 20' Jorns© Automated Trim Folders
- 1 – Complete Coil Slitting Line
- 1 – Corrugated Downspout Roll-Forming Line
- 2 – Slitting Machines
- 5 – Manual form bays for complex, custom trim applications

Fastener and Accessory Area:

- 50' x 300' multi-sectioned automated warehouse area used to store all screws, bolts, walk door packages, windows, skylights and standing seam roof system accessories.

Maintenance Area:

- 50' x 100' area staffed with industry leading maintenance professionals, machinery, tools and maintenance systems necessary to maintain entire facility.

Loading and Shipping Facilities:

- 32 – Top Running Electric Bridge Cranes ranging from 5-ton to 10-ton capacities located throughout sectioned 13 line manufacturing facility.
- 4 – 8,000 lb. capacity forklifts.
- 10 – Truck Fleet for regional deliveries. We also utilize multiple 3rd party carriers for deliveries outside primary central United States region.

Engineering Capabilities:

- Alliance Steel, Inc. is authorized by the State of Oklahoma and (38) additional states to offer engineering services. We have seven in house engineers, eleven in house detailers and eleven draftsman. We also utilize two primary outside detailing firms to handle any overflow detailing and drafting.

Proposal Submittal Time:

- 1 day on most buildings, 2 to 3 days on special quotes.

Delivery Time:

- Two to four days on most component orders and four to six on most building orders.

Accreditation:

- Alliance Steel, Inc. is a member in good standing of the Metal Building Manufacturers Association (MBMA) and is accredited by the International Accreditation Services (IAS) to have the personnel, organization, experience, capability and commitment to manufacture Metal Building Systems under AC472. (See Attached for latest Accreditation)

Alliance Steel, Inc. appreciates the privilege of submitting this information to you.

ALLIANCE STEEL, INC. ● 3333 SOUTH COUNCIL ROAD ● OKLAHOMA CITY, OK ● 73179 PHONE: (405) 745-7500 ● FAX: (405) 745-7503
www.allianceokc.com

Alliance Job No:	10-611
Project Name:	North Central Market Family Health Center
Square Footage:	7,830 (3 Stories)
Contract Amount:	$306,462.00
Location:	Waco, TX
Architect:	RBDR Architects, PLLC
Contractor:	Built-Wright Construction (254) 412-0801

Alliance Job No:	10-070
Project Name:	Riverside School District
Square Footage:	76,343
Contract Amount:	$972,753.00
Location:	Lake City, AR
Architect:	Cahoon Steeling Studio Architecture
Contractor:	Tate General Contractors (870) 935-4428

Alliance Job No:	10-029
Project Name:	Council Grove Elementary School
Square Footage:	66,410
Contract Amount:	$657,006.00
Location:	Oklahoma City, OK
Architect:	Boynton Williams & Associates
Contractor:	Crossland Construction Co. (405) 329-1414

Alliance Job No:	11-001
Project Name:	Compass Manufacturing LLC
Square Footage:	38,250
Contract Amount:	$1,026,593.00
Location:	Oklahoma City, OK
Architect:	Elliot & Associates Architects
Contractor:	Smith & Plckel Construction (405) 755-7624

Alliance Job No:	09-215
Project Name:	Montgomery County ESD #10 Magnolia Fire Station
Square Footage:	31,372
Contract Amount:	$401,323.00
Location:	Magnolia, TX
Architect:	Slattery Tackett Architects
Contractor:	LDF Construction (281) 353-0936

INTERNATIONAL ACCREDITATION SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

ALLIANCE STEEL INC.

3333 SOUTH COUNCIL ROAD
OKLAHOMA CITY, OKLAHOMA 73179U, U.S.A.

Inspection Program for Manufacturer of Metal Building Systems MB-190

has met the requirements of AC472, IAS *Accreditation Criteria for Inspection Programs for Manufacturers of Metal Building Systems*, Part A-*Fabrication of Structural Weldments and Cold-formed Products Requiring Welding*, Part B-*Fabrication of Cold-formed Products Not Requiring Welding*, Part C-*Design of Metal Building Systems*, and the in-plant inspection program is in compliance with Section 1704.2.5.1 of the 2015, 2018, 2021 and 2024 *International Building Code*®, Section 1704.2.5.2 of the 2012 *International Building Code*®, and Section 1704.2.2 of earlier code editions. Periodic plant inspections are conducted by Farabaugh Engineering and Testing, Inc. (AA-715) to monitor compliance with the requirements of AC472.

This certificate is valid up to December 1, 2026

IAS ACCREDITED

International Accreditation Service
Issued under the authority of IAS management

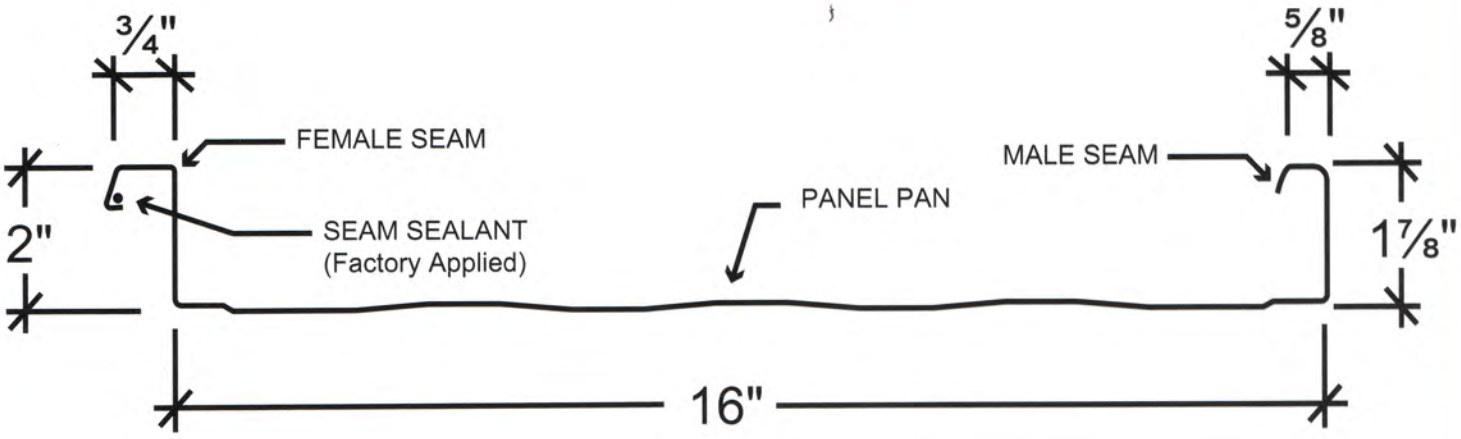
Visit www.iasonline.org for current accreditation information.

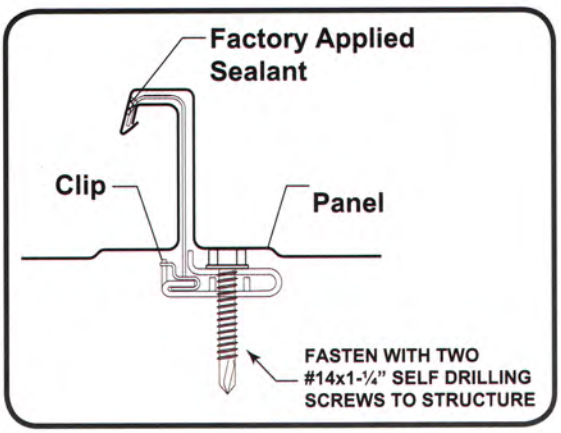
STEEL BUILDING SYSTEMS

ACCREDITED AC472

ALOK-16 PANEL

Mechanically Seamed Roof Panel





- **16" Panel with 2" Structural Standing Seam For Open Framing**
- **90° or 180° Mechanical Seam**
- **Can be used on roof slopes as low as ½:12**
- **Factory-Applied Sealant In The Female Rib**
- **Clips Allow A Full 3" Of Thermal Movement**
- **Ideal For Challenging Hip And Valley Roof Designs**
- **Available Striated Or With Pencil Stiffener Ribs**
- **UL 90 Class 580 Wind Uplift Rated.**
- **FM 4471 Class 1-90 and 1-165 Uplift Rated**
- **FM Fire and Class 1-SH Hail Resistance Rated**
- **Army Corps Of Engineers ASTM E-1592 Tested**
- **ASTM E-1680 Air and E-1646 Water Tested**
- **Texas Department of Insurance Windstorm Tested**
- **Weathertight Warranties Available**

ALOK-16 PANEL

The AllianceLok 16 panel system has been tested and certified by independent testing agencies and laboratories and achieved the loads and listings shown below

Underwriters Laboratories Inc. Construction No. 506, 506A, 506B
AllianceLok 16 roof with TripleLok and QuadLok Seam

UL Listing	Panel Width	Panel Gauge	Seam Type	Purlin Gauge	Purlin Spacing
UL-90	16"	24 ga.	All Seam Types	16 ga.	5'0"

Factory Mutual 4471 Uplift Test Results
AllianceLok 16 roof with TripleLok or QuadLok Seam

FM Listing	Panel Width	Panel Gauge	Purlin Depth	Purlin Gauge	Purlin Spacing
1-90	16"	24 ga.	8"	16 ga.	5'0"
1-165	16"	22 ga.	8"	16 ga.	2'6"

ASTM E 1592 Uplift Test Results
AllianceLok 16 roof with TripleLok Seam

Purlin Spacing	Panel Width	Panel Gauge	AISI Report # C-1432-1
2'0"	16"	24 ga.	136.4
5'0"	16"	24 ga.	56.6
COE 07416 Factor Of Safety = 1.65			

ASTM E 1592 Uplift Test Results
AllianceLok 16 roof with QuadLok Seam

Purlin Spacing	Panel Width	Panel Gauge	AISI Report # C-1432-2
2'0"	16"	24 ga.	191.2
5'0"	16"	24 ga.	78.8
COE 07416 Factor Of Safety = 1.65			

ASTM E-1680 Air Infiltration @ 1.57 psf = 0.001 CFM/sq.ft
ASTM E-1646 Water Penetration = None @ 50.0 psf

Texas Department of Insurance Windstorm Tested

ALLIANCE STEEL, INC 3333 SOUTH COUNCIL ROAD OKLAHOMA CITY, OK 73179

Phone: (800) 624-1579 **www.allianceokc.com** **Fax: (405) 745-7503**

alliance
STEEL BUILDING SYSTEMS

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION

UL LISTED

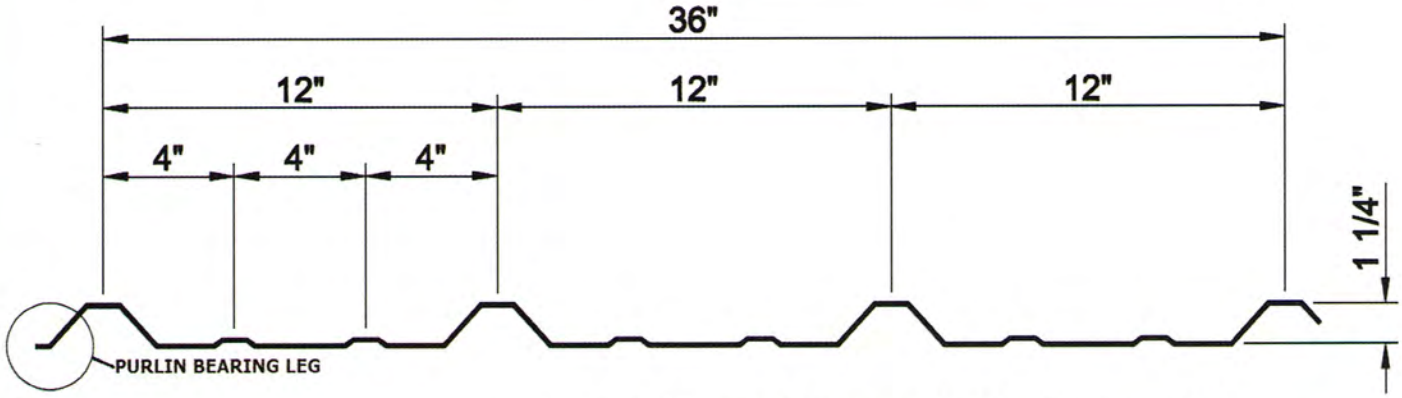
IAS ACCREDITED AC472

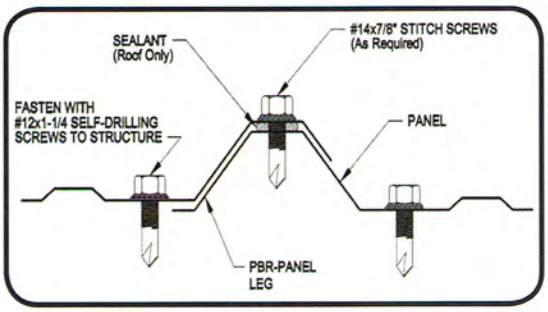
U.S. GREEN BUILDING COUNCIL MEMBER

ENERGY STAR PARTNER

PBR PANEL

Efficient, Effective Roof And Wall Panel





- 36" Wide Panel Coverage With Positive Fastening
- Excellent For Roof, Wall, Soffit and Parapet Backer Applications
- Purlin Bearing Rib Provides Superior Weather Resistance
- Industry Standard Commercial and Residential Profile
- Can Used On Slopes As Low As 1:12 With Field Applied Mastic
- Texas Department Of Insurance Windstorm Tested #RC-433
- UL Class 90 Wind Uplift Rated Over Multiple Substrates
- UL 2218 Class 4 Impact (Hail) Resistance Rating
- UL 263 Class A One-Hour Fire Resistance Rated
- Matching Light Transmitting Panels Are Available
- Available In Several Gauges, Finishes And Colors

PBR PANEL

SECTION PROPERTIES								
			PANEL TOP IN COMPRESSION			PANEL BOTTOM IN COMPRESSION		
PANEL	Fy	WEIGHT	Ixe	Sxe	Maxo	Ixe	Sxe	Maxo
GAUGE	(KSI)	(PSI)	(IN. 4/FT.)	(IN. 3/FT.)	(KIP-IN.)	(IN. 4/FT.)	(IN. 3/FT.)	(KIP-IN.)
26	80	0.85	0.0378	0.0387	1.394	0.0345	0.0458	1.648
24	50	1.11	0.0560	0.0593	1.777	0.0467	0.0603	1.808
22	50	1.38	0.0757	0.0817	2.446	0.0600	0.0757	2.274

	SPAN TYPE	LOAD TYPE	SPAN IN FEET									
			3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
ALLIANCE R-PANEL ALLOWABLE LIVE LOADS - ALL LOADS IN POUNDS PER SQUARE FOOT												
26 Gauge (Fy=80 ksi)	SINGLE	STRESS	103.3	75.9	58.1	45.9	37.2	30.7	25.8	22.0	19.0	16.5
		DEFLECTION	103.3	75.9	58.1	45.9	37.2	29.8	22.9	18.0	14.4	11.7
	2-SPAN	STRESS	122.1	89.7	68.7	54.3	44.0	36.3	30.5	26.0	22.4	19.5
		DEFLECTION	122.1	89.7	68.7	54.3	44.0	36.3	29.8	23.5	18.8	15.3
	3-SPAN	STRESS	142.6	104.8	80.2	63.4	51.3	42.4	35.7	30.4	26.2	22.8
		DEFLECTION	142.6	104.8	80.2	63.4	51.3	42.4	35.7	30.4	26.2	22.1
24 Gauge (Fy=80 ksi)	SINGLE	STRESS	131.6	96.7	74.0	58.5	47.4	39.2	32.9	28.0	24.2	21.1
		DEFLECTION	131.6	96.7	74.0	58.5	47.4	39.2	32.9	26.7	21.4	17.4
	2-SPAN	STRESS	134.0	98.4	75.3	59.5	48.2	39.9	33.5	28.5	24.6	21.4
		DEFLECTION	134.0	98.4	75.3	59.5	48.2	39.9	33.5	28.5	24.6	21.4
	3-SPAN	STRESS	156.5	115.0	88.0	69.5	56.3	46.6	39.1	33.3	28.7	25.0
		DEFLECTION	156.5	115.0	88.0	69.5	56.3	46.6	39.1	33.3	28.7	25.0
22 Gauge (Fy=80 ksi)	SINGLE	STRESS	181.2	133.1	101.9	80.5	65.2	53.9	45.3	38.6	33.3	29.0
		DEFLECTION	181.2	133.1	101.9	80.5	65.2	53.9	45.3	36.1	28.9	23.5
	2-SPAN	STRESS	168.4	123.7	94.7	74.9	60.6	50.1	42.1	35.9	30.9	26.9
		DEFLECTION	168.4	123.7	94.7	74.9	60.6	50.1	42.1	35.9	30.9	26.9
	3-SPAN	STRESS	196.8	144.6	110.7	87.4	70.8	58.5	49.2	41.9	36.1	31.5
		DEFLECTION	196.8	144.6	110.7	87.4	70.8	58.5	49.2	41.9	36.1	31.5
ALLIANCE R-PANEL ALLOWABLE WIND UPLIFT LOADS - ALL LOADS IN POUNDS PER SQUARE FOOT												
26 Gauge (Fy=80 ksi)	SINGLE	STRESS	122.1	89.7	68.7	54.3	44.0	36.3	30.5	26.0	22.4	19.5
		DEFLECTION	122.1	89.7	68.7	49.6	36.2	27.2	20.9	16.5	13.2	10.7
	2-SPAN	STRESS	103.3	75.9	58.1	45.9	37.2	30.7	25.8	22.0	19.0	16.5
		DEFLECTION	103.3	75.9	58.1	45.9	37.2	30.7	25.8	21.4	17.2	13.9
	3-SPAN	STRESS	120.6	88.6	67.9	53.6	43.4	35.9	30.2	25.7	22.2	19.3
		DEFLECTION	120.6	88.6	67.9	53.6	43.4	35.9	30.2	25.7	22.2	19.3
24 Gauge (Fy=80 ksi)	SINGLE	STRESS	134.0	98.4	75.3	59.5	48.2	39.9	33.5	28.5	24.6	21.4
		DEFLECTION	134.0	98.4	75.3	59.5	48.2	36.8	28.3	22.3	17.8	14.5
	2-SPAN	STRESS	131.6	96.7	74.0	58.5	47.4	39.2	32.9	28.0	24.2	21.1
		DEFLECTION	131.6	96.7	74.0	58.5	47.4	39.2	32.9	28.0	23.2	18.9
	3-SPAN	STRESS	153.8	113.0	86.5	68.3	55.4	45.8	38.4	32.8	28.2	24.6
		DEFLECTION	153.8	113.0	86.5	68.3	55.4	45.8	38.4	32.8	28.2	24.6
22 Gauge (Fy=80 ksi)	SINGLE	STRESS	168.4	123.7	94.7	74.9	60.6	50.1	42.1	35.9	30.9	26.9
		DEFLECTION	168.4	123.7	94.7	74.9	60.6	47.3	36.4	28.6	22.9	18.6
	2-SPAN	STRESS	181.2	133.1	101.9	80.5	65.2	53.9	45.3	38.6	33.3	29.0
		DEFLECTION	181.2	133.1	101.9	80.5	65.2	53.9	45.3	37.3	29.9	24.3
	3-SPAN	STRESS	211.7	155.5	119.1	94.1	76.2	63.0	52.9	45.1	38.9	33.9
		DEFLECTION	211.7	155.5	119.1	94.1	76.2	63.0	52.9	45.1	38.9	33.9

ALLIANCE STEEL, INC 3333 SOUTH COUNCIL ROAD OKLAHOMA CITY, OK 73179

Phone: (800) 624-1579 www.allianceokc.com Fax: (405) 745-7503

TRIPTEK CONSTRUCTION

Substitution Request

1626 Jack Springs Rd. I Atmore, AL 36502 I www.triptekconstruction.com

Date:	Project No:	Req. No:	Requested Response Date:
2/2/2026	2025 093 BISHOP	2	2/9/2026

Project Name:	Spec Section:	Detail:
TRUCK DRIVING SCHOOL BSCC	13 1220	PRE-ENGINEERED METAL BUILDING SYSTEMS

Project Location:	Drawing Title and No:

☑ No Change in Cost	☑ No Change in Time
☐ Cost Increase of Approx: $	☐ Time Increase of Approx: $
☐ Cost Decrease of Approx: $	☐ Time Decrease of Approx: $

Request / Clarification Needed:

REQUESTING ON BEHALF OF VULCAN STEEL STRUCTURES.
REQUESTING FOR VULCAN TO BE ADDED AS AN APPROVED MANUFACTURER.

https://www.vulcansteel.com/

Requestor Name & Title:	Request Date:
MARK RODGERS, ON BEHALF OF VULCAN STEEL STRUCTURES	FEBRUARY 2, 2026

Response:

Responder Name & Title:	Response Date:

TRIPTEK CONSTRUCTION

Substitution Request

1626 Jack Springs Rd. I Atmore, AL 36502 I www.triptekconstruction.com

Date:	Project No:	Req. No:	Requested Response Date:
2/2/2026	2025 093 BISHOP	3	2/9/2026

Project Name:	Spec Section:	Detail:
TRUCK DRIVING SCHOOL BSCC	09 5153	ACOUSTICAL PANEL CEILINGS

Project Location:	Drawing Title and No:

☑ No Change in Cost	☑ No Change in Time
☐ Cost Increase of Approx: $	☐ Time Increase of Approx: $
☐ Cost Decrease of Approx: $	☐ Time Decrease of Approx: $

Request / Clarification Needed:

REQUESTING ON BEHALF OF ACOUSTICAL SPECIALTIES & SUPPLY
REQUESTING FOR ROCKFON CHICAGO METALLIC BE AN ACCEPTABLE SUBSTITUTE FOR THE ACT SYSTEM.

PRODUCT DATA IS ATTACHED.

Requestor Name & Title:	Request Date:
MARK RODGERS, ON BEHALF OF ACOUSTICAL SPECIALTIES & SUPPLY	FEBRUARY 2, 2026

Response:

Responder Name & Title:	Response Date:

Rockfon®

Part of the ROCKWOOL Group

Chicago Metallic® G90 Exposed Grid 15/16"

Features and Benefits

- HDG-90 coating for improved corrosion resistance, ideal for exterior application or high humidity environments
- 15/16" face Heavy Duty suspension system features stab-end cross tees
- Chicago Metallic suspension systems meet Class-A flame spread rating in accordance with ASTM standard E84

Applications

Outdoor

- Non-Exposed Exterior Corridors
- Drive Thru Areas
- Soffits
- Verandas
- Porches
- Covered Galleries

Indoor

- Indoor Parking Garage
- Swimming Pool Areas
- Lobbies

Acoustical Ceiling Suspension System

Chicago Metallic®
G90 Exposed Grid 15/16"

LEED® v4.1 Highlights

Materials and Resources (MR)

Waste Management Planning	✓
Interiors Life Cycle Impact Reduction	✓
Environmental Product Declarations	✓
Sourcing of Raw Materials	✓
Material Ingredients	✓
Waste Management	✓

Indoor Environmental Quality (EQ)

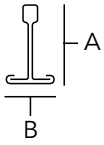
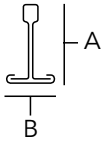
Low-Emitting Materials	✓
Interior Lighting	✓
Acoustic Performance	✓

Recycled Content 30%

Performance Properties:

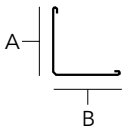
Base Material	Hot-Dip Galvanized Steel Body (HDG-90)
Capping	Painted Hot-Dip Galvanized Steel Capping (HDG-90)
End Details	**Main Runners:** Non-Directional Bayonet-End Coupling **Cross Tees:** Stab-End
Structural Classification	Heavy Duty per ASTM C635
Flame Spread Rating	Class A per ASTM E84
Warranty	40-Year Suspension System Warranty
Recycled Content	30%

Main Runners/Cross Tees

Detail	Product Number	Length x Height (A) x Face (B)	Slotting	Structural Classification (ASTM C635)	Seismic	Packaging			Palletization	
						Pcs/ Ctn	LF/ Ctn	Lbs/ Ctn	Ctn/ Pallet	Lbs/ Pallet
Main Runners										
	230.XXZ.01	144" x 1-41/64" x 15/16"	6" OC	HD	A-F	20	240	89	30	2670
Cross Tees										
	1232.01G90	24" x 1-1/2" x 15/16"	12" OC	-	A-F	60	120	36	64	2304
	1234.01G90	48" x 1-1/2" x 15/16"	12" OC	-	A-F	60	240	72	30	2160

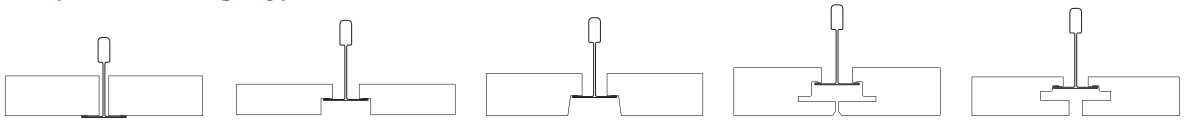
Custom slotting available. Contact Rockfon Customer Service for details and service levels.

Wall Angles



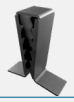
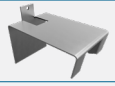
Product Number	Length, Height (A) x Face (B)	Packaging			Palletization	
		Pcs/Ctn	LF/Ctn	Lbs/Ctn	Ctn/Pallet	Lbs/Pallet
1409.01G90	144", 3/4" x 15/16"	25	300	41	40	1640

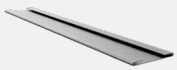
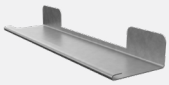
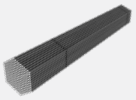
Compatible Tile Edge Types



SQ SL SLT CDX SCD

Accessories

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
Seismic Clips		250374	1496.00	Seismic Perimeter Clip	100	10
		250372	1493.00	Unopposed Tee Clip	100	2
		250373	1494.00	Seismic Separation Clip	100	10
General Clips		250348	935.00	Universal Hold Down Clip	1000	16
		252923	425.01	Hold Down Clip for 5/8" Board 250/1250 Systems	200	2
		250343	820.00	Hold Down Clip for 5/8" Board 250/1250 Systems	1000	7
		237949	490.00	Hold Down Clip for 0"- 3/4" Panels (Black)	100	2
		237952	491.00	Hold Down Clip for 3/4" - 1-1/4" Panels (Blue)	150	2
		237954	492.00	Hold Down Clip for 1-1/2" Panels (Grey)	100	2
		250324	426.01	Butterfly Retention Clip for 0" - 1'' Panels	200	15
		250325	427.01	Butterfly Retention Clip for 1" - 2'' Panels	150	15
		254302	88.00	Border Spring Clip	1000	17
		253183	479.00	90-degree Corner Clip	25	5
		251952	1499.00	Perimeter Grid Clip	100	4
		250321	410.00	Transfer Load Clip, 15/16" Grid (Used to suspend decorative ceilings under acoustical ceilings)	500	28
Facett Panel Clip		260623	495.00	Facett™ Hold Down Clip Kit for 2" – 4" Panels	100	2
Spacer Bars		294621	826.00H	2' Spacer Bar for rectangular bulb components	40	15
		294623	828.00H	4' Spacer Bar for rectangular bulb components	40	29
		294619	824.00H	4' Spacer bar notched 2'. For rectangular bulb components.	40	29

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
CDX Tiles Accessories		237264	-	CDX Perimeter Spring	100	1.1
		250338	478.00	Concealed Perimeter Clip	50	4.5
		314292	472.00	CDX/SCD Border Clip	100	1.1
		250334	474.01	24" Pre-mitered Vinyl Trim Kit for CDX and SCD only	50	1.4
		250335	475.01	24" Pre-mitered Vinyl Trim Kit for CDX and SCD only	50	2
		250336	476.01	120" Vinyl Trim Piece Straight Cut	1	1
Suspension System Covers		258677	1320.01	Cover Sleeve for 15/16" Grid	100	10
		251956	839.01	Expansion Coupling Cover	50	1
Corner Caps		Outside/Inside Corner Caps – Refer to Rockfon Grid and Tile Accessories Datasheet for options				
Hanger Wire		250590	96CTL144	Hanger Wire 12' x 12-Gauge	Bundle	50
Grid Paint		250350	940.01	12 oz. Grid Spray Can - White	1	1
		250351 & 250352	940.08 & 940.44	12 oz. Grid Spray Can - Black & Satin Silver	1	1
Tools		250349	937.00	Cross Tee Slotter	1	3
		250353	943.00	Cross Tee Removal Tool	1	1
		250354	944.00	Wire Tie Tool	1	1

Note: Steel accessories components have standard galvanized coating. Contact Rockfon Technical Support for details.

Grid Colors

Standard Colors:

01
White

08
Black

44
Satin Silver

Premium Colors:

Color-All

Custom
(Color Match)

Metalwood® Solid Coordinating Colors:

401
Maple*

402
Oak*

403
Cherry*

404
Pumpkin Maple*

405
Karri*

406
Walnut*

Woodscenes® Painted Finishes†:

800
Lazy Maple

801
Aged Teak

803
Burnished Cherry

804
Sleek Cherry

805
Weathered Oak

806
Barnwood Grey

** Coordinating solid color to match Metalwood Woodgrain Finishes.*

† Woodscenes Woodgrain Painted Finishes are a decorative powder coat finish that replicate real wood; variations in color and pattern will occur.

Colors shown are reproduced as close as possible to actual product color within the limitations of printing technology. Color chips are available upon request and should be reviewed before making a final selection. Variations in color matches of system components to ceiling panels can result from slight differences in texture, room lighting, painting process and subjectivity of observers.

Performance

Main Runner Allowable Load Test Data Based on 1/360 Span Deflection (Lb/Ft*)

Main Runner	Length	Hanger Spacing		
		ASTM C635 - 4'	5'	6'
230.XXZ.01	144"	HD	8.3	5.1

Cross Tee Allowable Load Test Data Based on 1/360 Span Deflection (Lb/Ft*)

Cross Tee	Length	Cross Tee Span	
		2'	4'
1232.01G90	24"	32.5♦	-
1234.01G90	48"	-	17.0

** To convert data into lb/ft², divide on center spacing of suspension component into lb/ft.*
♦ Limited by safety factor of 2.
Install systems in accordance with ASTM C636. Other requirements may apply.

Non-Fire-Rated Light Fixture Allowable Load Test Data Based on 1/360 Span Deflection (Lbs)

Light Fixtures	Allowable Fixture Weight - Lbs. Main Runners & Cross Tees
Dimensions	230.XXZ.01 1234.01G90
1' x 4'	67.6
2' x 2'	58.8
2' x 4'	76.0♦

♦ Limited by safety factor of 2.
Allowable fixture weight is based on single fixture in the field only.
For end-to-end, tandem or other configurations, contact Rockfon Technical Support.

Material

ASTM C 635 Heavy Duty (HD) main tee classifications; commercial quality HDG-90 steel galvanized body and cap, 15/16" width and 1-41/64" height.

Note: A metallurgist should be consulted regarding the suitability of this product for the environmental conditions in which it is being installed.

091922

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Rockfon®

Part of ROCKWOOL Group

Rockfon® Education Plus™

0.80 NRC

GWP AS LOW AS

2.96 kg CO_2-eq/1m²
0.275 kg CO_2 eq/ft²

Features & Benefits

- Designed to enhance learning spaces with its smooth white surface that brightens classrooms and aids concentration
- High NRC of 0.80 creates a quieter, more focused educational setting, ideal for improving speech intelligibility
- Achieves Class A fire performance
- Available in both square lay-in and tegular edge designs
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Classroom
- Private Office
- Meeting Room

High Acoustic Absorption

Class A Fire Performance

Moisture and Sag Resistance

Smooth, Modern Aesthetics

Mold and Mildew Resistance

30-year Warranty Applies to All Stone Tiles and Panels

GREENGUARD GOLD

ROCKCYCLE

Rockfon® Education Plus™

Scan to explore Rockfon® Education Plus™
Sustainability Certifications and Documentation

High Performance Factors

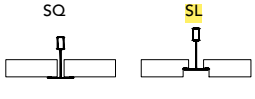
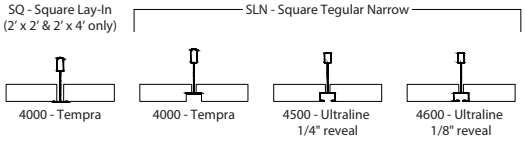
Base Material	Stone Wool
Surface	Smooth
Fire Performance	Class A Tested to US Standard ASTM E84: Flame Spread Index: 0 Smoke Developed Index: 5 Canadian Standard CAN/ULC S102: Flame Spread Index: 5 Smoke Developed Index: 0
Warranty	30-Year Tile Warranty
Mold & Mildew Resistance	Inherently Resistant (applies to stone wool substrate and tile surfaces) Tested to ASTM D3273: 10 (Scale of 0 to 10, 10 being highest performing) Tested to ASTM C1338: Pass (Pass or Fail, Stone Wool Tiles Pass)
Sag Resistance	Won't Sag or Warp Even in 100% Relative Humidity Tested to ASTM C367
Low VOC	UL GREENGUARD Gold Certified

Standard Panels

Packaging Information

Edge Designation	Item Number	Modular Size (nominal)	NRC	CAC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon Per 1m² (kg CO_2 - eq)	Embodied Carbon Per 1ft² (kg CO_2 - eq)	Low VOC	Recyclable	lbs/ sqft	sqft/ carton
SQ Square Lay-In	42100	2' x 2' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	✓	0.45	80
	42101	2' x 4' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	✓	0.45	80
SLN Square Tegular Narrow	42200	2' x 2' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	✓	0.57	40
	42201	2' x 4' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	✓	0.57	80
SL Square Tegular	42300	2' x 2' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	✓	0.57	40
	42301	2' x 4' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	✓	0.57	80

Product Compatibility

15/16" Suspension Systems	9/16" Suspension Systems
200, 1200 and Fire Rated systems	4000, 4500, 4600 and Fire Rated systems
	

Rockfon® Education Plus™

Accessories

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
General Clips*		250348	935.00	Universal Hold Down Clip	1000	16
		237949	490.00	Hold Down Clip for 0"- 3/4" Panels (Black)	100	2
		237952	491.00	Hold Down Clip for 3/4" - 1-1/4" Panels (Blue)	150	2
		250324	426.01	Butterfly Retention Clip for 0" - 1" Panels	200	15
Tile Paint		307988	RFN941	Edge Paint for Field Cut Panels White – 8 oz	Bottle	1
		307989	RFN941Q	Edge Paint for Field Cut Panels White – 32 oz	Can	1

**Clips should be chosen as per tile thickness*

Scan for Full Accessories Guide

Rockfon® Education Plus™ Properties

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint on glass scrim surface.

ASTM E1264 Classification

ASTM E1264 (2022): Type IV, Form 3, Pattern G
ASTM E1264 (2023): Type A, Form A2.3, Pattern G

Fire Performance

Rockfon® Education Plus™ tiles are tested for Surface Burning Characteristics to UL 723 (ASTM E84) for the US and CAN/ULC-S102 for Canada, and achieve:

Tested to US Standard UL 723 (ASTM E84):	Flame Spread Index: 0 Smoke Developed Index: 5
Canadian Standard CAN/ULC S102:	Flame Spread Index: 5 Smoke Developed Index: 0

Mold and Mildew Resistance

Stone wool is inherently resistant to mold and mildew without added antimicrobials. Both, tile surface and substrate, are tested to:

- ✓ ASTM D3273 (Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings)
- ✓ ASTM C1338 (Standard Test Method for Determining Fungi Growth Resistance of Insulation Materials and Facings)

Humidity Resistance

Stone wool ceiling tiles are inherently humidity resistant and are tested to ASTM C367 (Standard Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels) and won't sag or warp even in 100% relative humidity

Cleaning

- ✓ Vacuum

Thermal Resistance

R 2.60 hr.°F/Btu for 3/4 inch (I-P)
R 0.46 m².K/W for 19.0 mm (SI)

Tile Directionality

Rockfon® Education Plus™ tiles are directional and must be installed according to backside arrow direction. The arrow can be turned 180°, not 90°

Warranty

30-Year Limited Product Warranty.
See rockfon.com

Sustainability

Transparency

- ✓ Environmental Product Declaration (Product-Specific, Type III)
- ✓ Health Product Declaration
- ✓ Declare Label

Applicable to all edge types

Low-Emitting Materials

UL GREENGUARD Gold certified for low VOC (chemical) emissions and meet the California Department of Public Health (CDPH) Standard Method v1.2-2017 for offices and classroom environments.

Embodied Carbon

Global Warming Potential (GWP) kg of CO_2-eq (per functional unit) from stages A1 - A3 for SQ Edge: 2.96 kg CO_2-eq (per 1m²)* / 0.2.75 kg CO_2-eq (per 1f²)

For all other edge types, refer to p. 2

Rockcycle - Closed Loop Recycle Program

All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact rockcycle@rockfon.com for more information

Discover Rockfon® Education Plus™

on Ecomedes and see how it aligns with the Common Materials Framework (CMF)

Find us on MasterSpec® Powered by Deltek Specpoint®

BIM/Revit objects available at:
rockfon.com/products/tiles-and-panels/modular-ceilings/special-applications/education/rockfon-education-plus/

Rockfon®

Part of ROCKWOOL Group

Rockfon® Medical Plus™

0.90 NRC

GWP AS LOW AS

2.43 kg CO_2-eq/1m²
0.226 kg CO_2 eq/ft²

Features & Benefits

- Designed for areas such as emergency rooms, treatment rooms and laboratories
- Excellent sound absorption with NRC 0.90 that helps create healing environment
- Has a low particle emission achieving ISO Class 4 per ISO 14644-1 with Chicago Metallic® BarrierGrid® for better air cleanliness
- Meets FGI guidelines for healthcare facilities
- Does not contribute to the growth of MRSA
- Stone wool is inherently mold and mildew resistant without added antimicrobials
- Tested per ASTM D4828 for washability, ASTM D2486 for scrub resistance, and ASTM D1308 for chemical resistance
- UL GREENGUARD Gold certified for low chemical emissions
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Emergency Room
- Treatment Room
- Patient Room
- Laboratory

High Acoustic Absorption

Class A Fire Performance

Moisture and Sag Resistance

Smooth, Modern Aesthetics

Mold and Mildew Resistance

30-year Warranty Applies to All Stone Tiles and Panels

GREENGUARD GOLD

ROCKCYCLE

Rockfon® Medical Plus™

Scan to explore Rockfon® Medical Plus™
Sustainability Certifications and Documentation

High Performance Factors

Base Material	Stone Wool
Surface	Lightly Textured
Fire Performance	Class A Tested to US Standard ASTM E84: Flame Spread Index: 0, Smoke Developed Index: 5 Canadian Standard CAN/ULC S102: Flame Spread Index: 5, Smoke Developed Index: 0
Warranty	30-Year Tile Warranty

Mold & Mildew Resistance	Inherently Resistant (applies to stone wool substrate and tile surfaces) Tested to ASTM D3273: 10 (Scale of 0 to 10, 10 being highest performing) Tested to ASTM C1338: Pass (Pass or Fail, Stone Wool Tiles Pass)
Sag Resistance	Won't Sag or Warp Even in 100% Relative Humidity Tested to ASTM C367
Low VOC	UL GREENGUARD Gold Certified

Standard Panels

Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Cleanroom Class	Embodied Carbon Per 1m² (kg CO_2 - eq)	Embodied Carbon Per 1ft² (kg CO_2 - eq)	Low VOC	Recyclable	Packaging Information lbs/sqft	Packaging Information sqft/carton
SQ Square Lay-in	34100	2' x 2' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.43	0.226	✓	✓	0.45	80
	34101	2' x 4' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.43	0.226	✓	✓	0.45	80
SLN Square Tegular Narrow	34200	2' x 2' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	40
	34201	2' x 4' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	80
SL Square Tegular	34250	2' x 2' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	40
	34251	2' x 4' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	80
CDX Fully Concealed	34600	2' x 2' x 7/8"	0.90	A	✓	up to 100%	0.83	ISO Class 4	3.75	0.350	✓	✓	0.75	40

Product Compatability

15/16" Suspension Systems

200, 1200 and Fire Rated Systems

SQ — Square Lay-in
SL — Square Tegular
CDX — Fully Concealed Tegular

Chicago Metallic® BarrierGrid®*

SQ — Square Lay-in

9/16" Suspension Systems

4000, 4200, 4500, 4600 and Fire Rated Systems

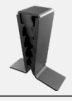
SLN - Square Tegular Narrow

4000 - Tempra
4200 - Integrity
4500 - Ultraline 1/4" Reveal
4600 - Ultraline 1/8" Reveal

**Rockfon Medical Plus™ achieves ISO Class 4 using Chicago Metallic® BarrierGrid®*

Rockfon® Medical Plus™

Accessories

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
General Clips*		250348	935.00	Universal Hold Down Clip	1000	16
		252923	425.01	Hold Down Clip for 5/8" Board 250/1250 Systems	200	2
		250343	820.00	Hold Down Clip for 5/8" Board 250/1250 Systems	1000	7
		237949	490.00	Hold Down Clip for 0"- 3/4" Panels (Black)	100	2
		237952	491.00	Hold Down Clip for 3/4" - 1-1/4" Panels (Blue)	150	2
		250324	426.01	Butterfly Retention Clip for 0" - 1'' Panels	200	15
Tile Paint		307988	RFN941	Edge Paint for Field Cut Panels White – 8 oz	Bottle	1
		307989	RFN941Q	Edge Paint for Field Cut Panels White – 32 oz	Can	1

** Clips should be chosen as per tile thickness*

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
CDX Tiles Accessories		237264	-	CDX Perimeter Spring	100	1.1
		250338	478.00	Concealed Perimeter Clip	50	4.5
		314292	472.00	CDX/SCD Border Clip	100	1.1
		250334	474.01	24" Pre-mitered Vinyl Trim Kit for CDX and SCD only	50	1.4
		250335	475.01	24" Pre-mitered Vinyl Trim Kit for CDX and SCD Only	50	2
		250336	476.01	120" Vinyl Trim Piece Straight Cut	1	1

Scan for Full Accessories Guide

Scan for CDX & SCD Edge Installation Guide

Rockfon® Medical Plus™ Properties

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint and water-based laquer on glass scrim surface.

ASTM E1264 Classification

ASTM E1264 (2022): Type IV, Form 3, Pattern E
ASTM E1264 (2023): Type A, Form A2.3, Pattern E

Fire Performance

Rockfon® Medical Plus™ tiles are tested for Surface Burning Characteristics to UL 723 (ASTM E84) for the US and CAN/ULC-S102 for Canada, and achieve:

Tested to US Standard UL 723 (ASTM E84):	Flame Spread Index: 0 Smoke Developed Index: 5
Canadian Standard CAN/ULC S102:	Flame Spread Index: 5 Smoke Developed Index: 0

Mold and Mildew Resistance

Stone wool is inherently resistant to mold and mildew without added antimicrobials. Both, tile surface and substrate, are tested to:

- ✓ ASTM D3273 (Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings)
- ✓ ASTM C1338 (Standard Test Method for Determining Fungi Growth Resistance of Insulation Materials and Facings)

Humidity Resistance

Stone wool ceiling tiles are inherently humidity resistant and are tested to ASTM C367 (Standard Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels) and won't sag or warp even in 100% relative humidity

Clean Room

ISO Class 4 when used with Chicago Metallic® BarrierGrid®

Cleaning

- ✓ Vacuum
- ✓ Damp cloth
- ✓ Rockfon® Medical Plus™ tiles are able to be washed through 100 cycles of the standard washability tester and cleaner prescribed in ASTM D4828
- ✓ Rockfon® Medical Plus™ tiles can withstand up to 200 scrub cycles using the prescribed scrubber and force per ASTM D2486
- ✓ Rockfon® Medical Plus™ tiles can be safely treated with a number of cleaning solutions and are resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide as described in ASTMD1308

Thermal Resistance

R 2.60 hr.°F/Btu for 3/4 inch (I-P)
R 0.46 m².K/W for 19.0 mm (SI)

Surface Durability

Enhanced durability and dirt resistance

Warranty

30-Year Limited Product Warranty.
See rockfon.com

Sustainability

Transparency

- ✓ Environmental Product Declaration (Product-Specific, Type III)
- ✓ Health Product Declaration
- ✓ Declare Label

Applicable to all edge types

Low-Emitting Materials

UL GREENGUARD Gold certified for low VOC (chemical) emissions and meet the California Department of Public Health (CDPH) Standard Method v1.2-2017 for offices and classroom environments

Embodied Carbon

Global Warming Potential (GWP) kg of CO_2-eq (per functional unit) from stages A1 - A3 for SQ Edge: 2.43 kg CO_2-eq (per 1m²) / 0.226 kg CO_2-eq (per 1f²)

For all other edge types, refer to p. 2

Rockcycle - Closed Loop Recycle Program

All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact rockcycle@rockfon.com for more information

Discover Rockfon® Medical Plus™

on Ecomedes and see how it aligns with the Common Materials Framework (CMF)

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BIM/Revit objects available at:
rockfon.com/products/rockfon-medical-plus/