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Mission Statement

The St. Louis
Public Library
will provide learning
resources and
information services
that support and
improve individual,
family, and
community life.

TO: All Bidders

FROM: Rita Kirkland

DATE: June 15, 2021

SUBJECT: Bid Addendum No. 3

RFB NUMBER: 21-003550

DATE ISSUED: May 7, 2021

PROJECT: INTERIOR RENOVATION – JULIA DAVIS BRANCH

Addendum #3 dated **June 15, 2021 includes**, Bid Reading details, response to Product Substitution Request, Changes to Drawings, including Changes to Specifications and Additional Specification.

BID READING: Bids will read aloud via virtual live stream at 2:15pm on Friday, June 18, 2021. To access the live-streamed event, visit https://youtu.be/-kNVER3fXXI.

GENERAL ITEMS

- 1. Product Substitution Request:
 - a. Bidder requested Product Substitution Request as listed under Specification Section 09 84 33 – SOUND ABSORBING WALL UNITS
 - 1. Manufacturer: G&S Acoustics
 - 2. Proposed Substitution: Melody mScores Panel
 - 3. Accepted as noted in attached Substitution Request Form.
- 2. Request for Information (RFI)
 - a. None

CHANGES TO DRAWINGS

- 1. Drawing A-601 DOOR, ROOM FINISH AND MATERIAL SCHEDULE:
 - a. MODIFIED DETAILS 3A, 3B AND 3C: LAMINATED SHEET METAL FLASHING NOTED
 - b. Louver Type LV-1 & LV-2 MODIFIED PRODUCT MODEL IN Drawing.
 - Basis of Design: Ruskin, Model No. ELC-445D, 4" deep, drainable, combination louver and motorized damper, 24V Actuator.
 - 2. HVAC sub-contractor to coordinate installation requirements for the louver with General Contractor prior to purchasing the louver.

CHANGES TO SPECIFICATIONS

- 1. MODIFIED Section 09 84 33 SOUND-ABSORBING WALL UNITS
 - a. Section 2.2, Paragraph B, Item 5. Item a. Product Substitution Request: G&S Acoustics; Melody, mScores-Canvas (MSC) product accepted as noted.
 - b. Section 2.2, Paragraph A MODIFIED to state the following "Manufacturer's standard panel construction with finish edges and face material."
 - c. Section 2.2, Paragraph C CLARIFIED as Basis of Design Material Information:
 - 1. Core Layer: Manufacturer's standard
 - 2. Flammability: Class A Rating per ASTM E84
 - 3. Edge Construction: Manufacturer's standard
 - 4. Edge Profile: Manufacturer standard squared.
 - 5. Corner Detail in Elevation: Square with continuous edge profile indicated.
 - 6. Reveals between Panels: Flush reveals
 - 7. Acoustical Performance: Sound absorption NRC 0.85 to 1.05 according to ASTM C423 for mounting according to ASTM E795.
 - 8. Nominal 2 inches (51 mm)
 - 9. Sheet Size: Up to 4' x 8', varying panel sizes, shapes and pattern to be coordinated with Architect, TBD.
 - 10. Color: TBD.
 - 11. Finish: Satin latex painted HPC.

ADDITIONAL SPECIFICATIONS

1. ADDED SECTION 07 62 00 – SHEET METAL FLASHING AND TRIM.

I have read and understand the preceding addendum and said changes are reflected in the Request for Bid. The bidder addendum should be included with your response packet.

COMPANY	
BIDDER'S SIGNATURE	
TITLE	
DATE	

SUBSTITUTION REQUEST

(After the Bidding Phase)

Project:	Julia Davis Branch Library		Substitut	Substitution Request Number: 1			
			From:	G&S Acoustics	1		
To:			Date:	6/9/21			
			A/E Pro	ect Number:			
Re:	Substitution Request to Sonex Cl	assic Panels		For:			
Specification '	Title: Sound Absorbing Wall Unit	S	_ Description:	Sonex			
Sec	etion: <u>098433</u> Page: <u>2</u>		Article: 2.2/I	31			
Proposed Sub	stitution: <u>Melody – mScores Panel</u>						
Manufacturer:	G&S Acoustics Address	: 3555 Scarlet Oak	Blvd St. Louis, Mo	O Phone: 314-336	6-2145		
Trade Name:				Model No.: M	elody mScores		
Installer: G&S	S Acoustics Address	: 3555 Scarlet Oak	Blvd St. Louis, Mo	O Phone: 314-336	6-2145		
History: 🛛	New product 2-5 years old	5-10 years old	More than 10	years old			
Differences be	etween proposed substitution and s	pecified product:	Melody mScores	constructed from r	ecycled polyest	ter and are n	nore
abuse resistan	t then that of the specified Sonex f	oam product. Meloc	ly mScores panels	come in 48"x96" s	sheets and woul	d require les	ss seam
then the specia	fied Sonex panels which only com	es in 24"x48" sizes.					
X Point-by	-point comparative data attached -						
Reason for no	t providing specified item: Alter	nate Manufacturer.					
Similar Install	ation: ect: Joann Alexie School	Archited	et:				
	ress: 801 S. Snyder Dr.			Memorial School			
	Atmautluak, AK		stalled: <u>8/14/20</u>				
Proposed subs	titution affects other parts of Worl						
_	ner for accepting substitution:				(\$		<u>)</u> .
Proposed subs	titution changes Contract Time:	⊠ No	Yes [Add]	[Deduct]			days.
Supporting Da	ata Attached:	Product Data	Samples	Tests	Reports		
© Comymicht 1	006 Construction Specification Instit	nto.	D1-62			Conto	mala ou 1006

SUBSTITUTION REQUEST

(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are
 to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

 Coordina 	tion, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.
Submitted by:	Brian Shuh
Signed by:	Brian Shuh
Firm:	G&S Acoustics
Address:	3555 Scarlet Oak Blvd.
	St. Louis, MO 63122
Telephone:	(636) 225-8800
Attachments:	Product Data Sheets
A /E2 - DEVIE	W AND ACTION
	on approved - Make submittals in accordance with Specification Section 01330. on approved as noted - Make submittals in accordance with Specification Section 01330.
☐ Substitution	on rejected - Use specified materials. on Request received too late - Use specified materials.
	·
Signed by:	Date: December 18, 2020
Additional Co	omments: Contractor Subcontractor Supplier Manufacturer A/E
FOR CLE	JTION APPROVED AS CANVAS MR-2, 2" (5PCF) PAINTED (MSCORES - CANVAS) ANABILITY AND MOLD RESISTANCE.
PANEL SI	ZE(S), PATTERN, COLOR(S) AND SHAPES TO BE COORDINATED WITH OWNER.

Melody

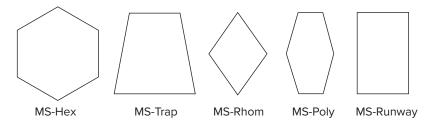
mScores (MS) Wall Panels

Melody mScores are **recycled polyester**, **sound-absorbing wall panels**, which feature full wall applications, shape clusters, and individual shapes. Melody mScores create an acoustically comfortable environment. Melody mScores are tackable, and come in six standard shapes. A wide variety of custom shapes are offered. mScores are available in 5 colors, White in 1" and 2" thick. Colors Black, Silver, Pewter and Khaki are available in 1" thick only.

Custom Full Wall Application



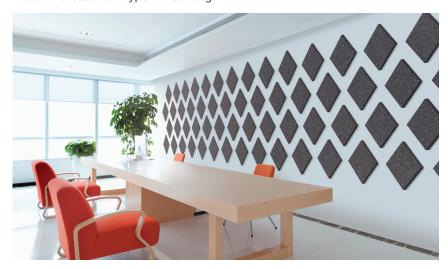
Standard Individual Shapes



SOUND ABSORPTION

Hz	125	250	500	1000	2000	4000	N.R.C.
MS-1	.12	.26	.64	.90	1.09	1.12	.70
MS-2	.32	.66	1.06	1.19	1.20	1.22	1.05

Note: NRC based on Type A Mounting.





CORE

1" (7 pcf) and 2" (5 pcf) Recycled Polyester, Tackable

SIZES

Custom sizes and shapes up to 4' x 8'

MOUNTING

Adhesive

FINISH*

White 1" and 2"
Silver, Pewter, Khaki and Black in 1" only

EDGES

Square

CLEANING

Bleach-Cleanable (10:1) Water-Based/Solvent (WS) Mold & Fungal Resistant (ASTM C1338)

FLAMMABILITY

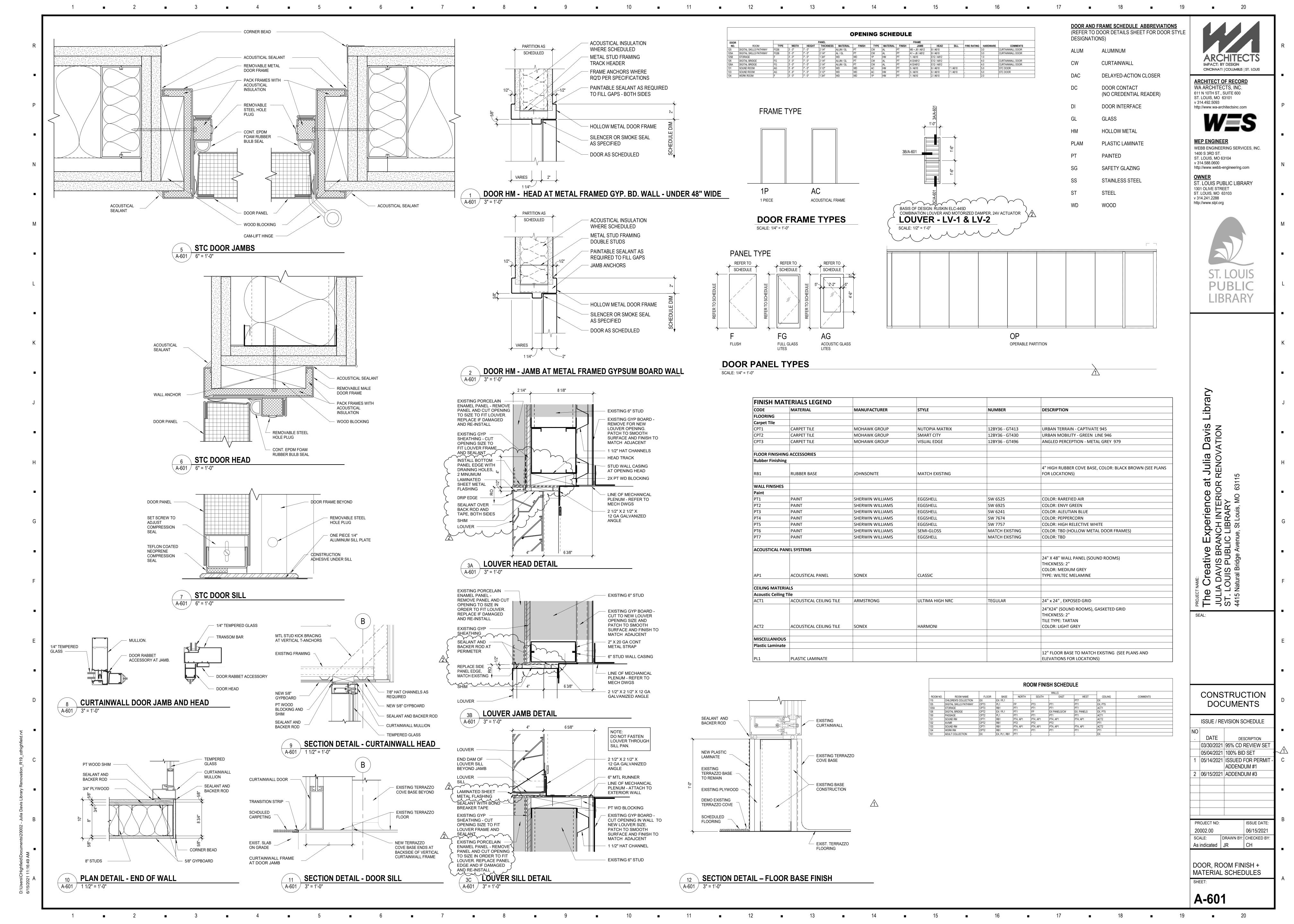
All components have a Class "A" rating per ASTM E84

*Also available in fabric wrapped (mScores-Rap), painted (mScores-Canvas) and printed (mScores-Image)

COLORS







SECTION 09 84 33 - SOUND-ABSORBING WALL UNITS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes shop-fabricated, sound-absorbing acoustical panel units tested for acoustical performance.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For unit assembly and installation.
- C. Samples: For each exposed product and for each color and texture specified.

1.3 INFORMATIONAL SUBMITTALS

A. Product certificates.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Fire-Test-Response Characteristics: Units shall comply with "Surface-Burning Characteristics" or "Fire Growth Contribution" Subparagraph below, or both, as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:
 - 1. Surface-Burning Characteristics: Comply with ASTM E84 or UL 723; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - a. Flame-Spread Index: 25 or less.
 - b. Smoke-Developed Index: 450 or less.
 - 2. Fire Growth Contribution: Comply with acceptance criteria of local code and authorities having jurisdiction when tested according to NFPA 265 Method B Protocol or NFPA 286.

2.2 SOUND-ABSORBING WALL UNITS

- A. Sound-Absorbing Wall Panel: Manufacturer's standard panel construction with finish edges and face material.
- B. <u>Manufacturers:</u> Subject to compliance with requirements, provide products by one of the following:
 - 1. Pinta Acoustic
 - a. Basis of Design: SONEX Classic Tiles
 - 2. Acoustical Panel Systems (APS, Inc.).
 - 3. Acoustical Solutions.
 - 4. Decoustics Limited; a Saint Gobain company.
 - 5. G&S Acoustics; Melody, mScores-Canvas (MSC)

C. BASIS OF DESIGN MATERIAL INFORMATION

- 1. Core Layer: Manufacturer's standard
- 2. Flammability: Class A Rating per ASTM E84
- 3. Edge Construction: Manufacturer's standard
- 4. Edge Profile: Manufacturer standard squared.
- 5. Corner Detail in Elevation: Square with continuous edge profile indicated.
- 6. Reveals between Panels: Flush reveals
- 7. Acoustical Performance: Sound absorption NRC 0.85 to 1.05 according to ASTM C423 for mounting according to ASTM E795.
- 8. Nominal 2 inches (51 mm)
- 9. Sheet Size: Up to 4' x 8', varying panel sizes, shapes and pattern to be coordinated with Architect, TBD.
- 10. Color: TBD.
- 11. Finish: Satin latex painted HPC.

2.3 MATERIALS

- A. Core Materials: Manufacturer's standard.
 - 1. Recycled Polyester
- B. Mounting Devices: Concealed on back of unit, recommended by manufacturer to support weight of unit, and as follows:

2.4 FABRICATION

- A. Standard Construction: Use manufacturer's standard construction unless otherwise indicated; with facing material applied to face, edges, and back border of dimensionally stable core; and with rigid edges to reinforce panel perimeter against warpage and damage.
- B. Dimensional Tolerances of Finished Units: Plus or minus 1/16 inch (1.6 mm).

Julia Davis Branch Interior Renovation St. Louis Public Library WA Project No.: P-20002

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install units in locations indicated. Unless otherwise indicated, install units with vertical surfaces and edges plumb, top edges level and in alignment with other units, faces flush, and scribed to fit adjoining work accurately at borders and at penetrations.
- B. Comply with manufacturer's written instructions for installation of units using mounting requirements indicated. Use manufacturer's required adhesive to securely support to substrate.

3.2 CLEANING

- A. Clip loose material; remove pills and extraneous materials.
- B. Clean panels on completion of installation to remove dust and other foreign materials according to manufacturer's written instructions.

END OF SECTION 09 84 33

SECTION 07 62 00 - SHEET METAL FLASHING AND TRIM

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Sheet Metal Flashing

1.2 ACTION SUBMITTALS

- A. Product Data: For each of the following
 - 1. Underlayment materials.
 - 2. Elastomeric sealant.
- B. Shop Drawings: For sheet metal flashing and trim.
 - 1. Include plans, elevations, sections, and attachment details.
 - 2. Detail fabrication and installation layouts, and keyed details. Distinguish between shopand field-assembled Work.
 - 3. Include identification of material, thickness, weight, and finish for each item and location in Project.
 - 4. Include details for forming, including profiles, shapes, seams, and dimensions.
 - 5. Include details for joining, supporting, and securing, including layout and spacing of fasteners, cleats, clips, and other attachments.
 - 6. Include details of edge conditions including flashings
 - 7. Include details of connections to adjoining work.
- C. Samples: For each exposed product and for each color and texture specified, 12 inches (300 mm) long by actual width.

1.3 INFORMATIONAL SUBMITTALS

- A. Product Certificates: For each type of coping and roof edge flashing that is ANSI/SPRI/FM 4435/ES-1 tested.
- B. Sample warranty.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance data.

1.5 QUALITY ASSURANCE

A. Fabricator Qualifications: Employs skilled workers who custom fabricate sheet metal flashing and trim similar to that required for this Project and whose products have a record of successful in-service performance.

1.6 WARRANTY

- A. Special Warranty on Finishes: Manufacturer agrees to repair finish or replace sheet metal flashing and trim that shows evidence of deterioration of factory-applied finishes within specified warranty period.
 - 1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Delta E units when tested in accordance with ASTM D2244.
 - b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
 - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
 - 2. Finish Warranty Period 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Sheet metal flashing and trim assemblies, including cleats, anchors, and fasteners, shall withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in construction. Completed sheet metal flashing and trim shall not rattle, leak, or loosen, and shall remain watertight.
- B. Sheet Metal Standard for Flashing and Trim: Comply with SMACNA's "Architectural Sheet Metal Manual" requirements for dimensions and profiles shown unless more stringent requirements are indicated.

2.2 SHEET METALS

- A. Protect mechanical and other finishes on exposed surfaces from damage by applying strippable, temporary protective film before shipping.
- B. Aluminum Sheet: ASTM B209 (ASTM B209M), alloy as standard with manufacturer for finish required, with temper as required to suit forming operations and performance required; with smooth, matte surface.

- 1. Factory Prime Coating: Where painting after installation is required, pretreat metal with white or light-colored, factory-applied, baked-on epoxy primer coat; minimum dry film thickness of 0.2 mil (0.005 mm).
 - a. Color: As selected by Owner from full range of industry colors and color densities. Match adjacent metal louver finish.
 - b. Two-Coat Fluoropolymer: AAMA 2605. Fluoropolymer finish containing not less than 70 percent polyvinylidene fluoride (PVDF) resin by weight in color coat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

2.3 UNDERLAYMENT MATERIALS

- A. Felt: ASTM D226/D226M, Type II (No. 30), asphalt-saturated organic felt; nonperforated.
- B. Self-Adhering, High-Temperature Sheet Underlayment: Minimum 30 mils (0.76 mm) thick, consisting of a slip-resistant polyethylene- or polypropylene-film top surface laminated to a layer of butyl- or SBS-modified asphalt adhesive, with release-paper backing; specifically designed to withstand high metal temperatures beneath metal roofing. Provide primer in accordance with underlayment manufacturer's written instructions.
 - 1. <u>Manufacturers:</u> Subject to compliance with requirements, provide products by one of the following:
 - a. <u>ATAS International, Inc.</u>
 - b. Carlisle WIP Products; a brand of Carlisle Construction Materials.
 - c. GCP Applied Technologies Inc.
 - d. Owens Corning.
 - 2. Low-Temperature Flexibility: ASTM D1970/D1970M; passes after testing at minus 20 deg F (29 deg C) or lower.
- C. Slip Sheet: Rosin-sized building paper, 3 lb/100 sq. ft. (0.16 kg/sq. m) minimum.

2.4 MISCELLANEOUS MATERIALS

- A. Provide materials and types of fasteners, protective coatings, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation and as recommended by manufacturer of primary sheet metal or manufactured item unless otherwise indicated.
- B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, and bolts, and other suitable fasteners designed to withstand design loads and recommended by manufacturer of primary sheet metal or manufactured item.
 - 1. General: Blind fasteners or self-drilling screws, gasketed, with hex-washer head.

- a. Exposed Fasteners: Heads matching color of sheet metal using plastic caps or factory-applied coating. Provide metal-backed EPDM or PVC sealing washers under heads of exposed fasteners bearing on weather side of metal.
- b. Blind Fasteners: High-strength aluminum or stainless steel rivets suitable for metal being fastened.
- c. Spikes and Ferrules: Same material as gutter; with spike with ferrule matching internal gutter width.
- 2. Fasteners for Aluminum Sheet: Aluminum or Series 300 stainless steel.
- C. Sealant Tape: Pressure-sensitive, 100 percent solids, polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch (13 mm) wide and 1/8 inch (3 mm) thick.
- D. Elastomeric Sealant: ASTM C920, elastomeric polysulfide polymer sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.

2.5 FABRICATION, GENERAL

- A. Custom fabricate sheet metal flashing and trim to comply with details indicated and recommendations in cited sheet metal standard that apply to design, dimensions, geometry, metal thickness, and other characteristics of item required.
 - 1. Fabricate sheet metal flashing and trim in shop to greatest extent possible.
 - 2. Fabricate sheet metal flashing and trim in thickness or weight needed to comply with performance requirements, but not less than that specified for each application and metal.
 - 3. Verify shapes and dimensions of surfaces to be covered and obtain field measurements for accurate fit before shop fabrication.
 - 4. Form sheet metal flashing and trim to fit substrates without excessive oil-canning, buckling, and tool marks; true to line, levels, and slopes; and with exposed edges folded back to form hems.
 - 5. Conceal fasteners and expansion provisions where possible. Do not use exposed fasteners on faces exposed to view.

B. Fabrication Tolerances:

- 1. Fabricate sheet metal flashing and trim that is capable of installation to a tolerance of 1/4 inch in 20 feet (6 mm in 6 m) on slope and location lines indicated on Drawings and within 1/8-inch (3-mm) offset of adjoining faces and of alignment of matching profiles.
- 2. Fabricate sheet metal flashing and trim that is capable of installation to tolerances specified.
- C. Sealant Joints: Where movable, non-expansion-type joints are required, form metal in accordance with cited sheet metal standard to provide for proper installation of elastomeric sealant.
- D. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal.

E. Seams:

- 1. Fabricate nonmoving seams with flat-lock seams. Tin edges to be seamed, form seams, and solder.
- 2. Seams for Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with epoxy seam sealer. Rivet joints where necessary for strength.

2.6 WALL SHEET METAL FABRICATIONS

- A. Opening Flashings in Frame Construction: Fabricate head, sill, jamb, and similar flashings to extend 4 inches (100 mm) beyond wall openings. Form head and sill flashing with 2-inch- (50-mm-) high, end dams. Fabricate from the following materials:
 - 1. Aluminum: 0.032 inch (0.81 mm) thick.

PART 3 - EXECUTION

3.1 INSTALLATION OF UNDERLAYMENT

- A. Felt Underlayment: Install felt underlayment, wrinkle free, using adhesive to minimize use of mechanical fasteners under sheet metal flashing and trim.
 - 1. Install in shingle fashion to shed water.
 - 2. Lap joints not less than 2 inches (50 mm).
- B. Self-Adhering, High-Temperature Sheet Underlayment:
 - 1. Install self-adhering, high-temperature sheet underlayment; wrinkle free.
 - 2. Prime substrate if recommended by underlayment manufacturer.
 - 3. Comply with temperature restrictions of underlayment manufacturer for installation; use primer for installing underlayment at low temperatures.
 - 4. Apply in shingle fashion to shed water, with end laps of not less than 6 inches (150 mm) staggered 24 inches (600 mm) between courses.
 - 5. Overlap side edges not less than 3-1/2 inches (90 mm). Roll laps and edges with roller.
 - 6. Roll laps and edges with roller.
 - 7. Cover underlayment within 14 days.
- C. Install slip sheet, wrinkle free, over underlayment Insert requirement before installing sheet metal flashing and trim.
 - 1. Install in shingle fashion to shed water.
 - 2. Lapp joints not less than 4 inches (100 mm).

3.2 INSTALLATION, GENERAL

- A. Install sheet metal flashing and trim to comply with details indicated and recommendations of cited sheet metal standard that apply to installation characteristics required unless otherwise indicated on Drawings.
 - 1. Install fasteners, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.
 - 2. Install sheet metal flashing and trim true to line, levels, and slopes. Provide uniform, neat seams with minimum exposure of sealant.
 - 3. Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement.
 - 4. Install sheet metal flashing and trim to fit substrates and to result in watertight performance.
 - 5. Install exposed sheet metal flashing and trim with limited oil-canning, and free of buckling and tool marks.
 - 6. Do not field cut sheet metal flashing and trim by torch.
- B. Metal Protection: Where dissimilar metals contact each other, or where metal contacts pressuretreated wood or other corrosive substrates, protect against galvanic action or corrosion by painting contact surfaces with bituminous coating or by other permanent separation as recommended by sheet metal manufacturer or cited sheet metal standard.
 - 1. Underlayment: Where installing sheet metal flashing and trim directly on cementitious or wood substrates, install underlayment and cover with slip sheet.
- C. Fasteners: Use fastener sizes that penetrate substrate not less than recommended by fastener manufacturer to achieve maximum pull-out resistance.
- D. Conceal fasteners and expansion provisions where possible in exposed work and locate to minimize possibility of leakage. Cover and seal fasteners and anchors as required for a tight installation.
- E. Seal joints as required for watertight construction.
 - 1. Use sealant-filled joints unless otherwise indicated.
 - a. Embed hooked flanges of joint members not less than 1 inch (25 mm) into sealant.
 - b. Form joints to completely conceal sealant.
 - c. When ambient temperature at time of installation is between 40 and 70 deg F (4 and 21 deg C), set joint members for 50 percent movement each way.
 - d. Adjust setting proportionately for installation at higher ambient temperatures.
 - 1) Do not install sealant-type joints at temperatures below 40 deg F (4 deg C).
 - 2. Prepare joints and apply sealants to comply with requirements in Section 079200 "Joint Sealants."

3.3 INSTALLATION OF WALL FLASHINGS

- A. Install sheet metal wall flashing to intercept and exclude penetrating moisture in accordance with cited sheet metal standard unless otherwise indicated. Coordinate installation of wall flashing with installation of wall-opening components such as windows, doors, and louvers.
- B. Opening Flashings in Frame Construction: Install continuous head, sill, jamb, and similar flashings to extend 4 inches (100 mm) beyond wall openings.

3.4 INSTALLATION TOLERANCES

A. Installation Tolerances: Shim and align sheet metal flashing and trim within installed tolerance of 1/4 inch in 20 feet (6 mm in 6 m) on slope and location lines indicated on Drawings and within 1/8-inch (3-mm) offset of adjoining faces and of alignment of matching profiles.

3.5 CLEANING

- A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.
- B. Clean off excess sealants.

3.6 PROTECTION

- A. Remove temporary protective coverings and strippable films as sheet metal flashing and trim are installed unless otherwise indicated in manufacturer's written installation instructions.
- B. Replace sheet metal flashing and trim that have been damaged or that have deteriorated beyond successful repair by finish touchup or similar minor repair procedures, as determined by Architect.

END OF SECTION 07 62 00