

ADDENDUM #1

DATE: April 5, 2019

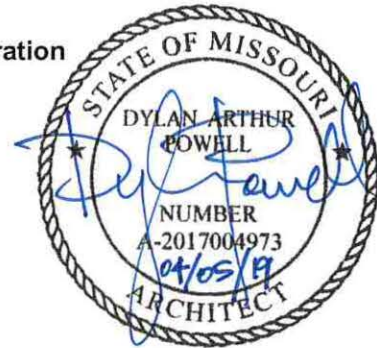
TO BIDDING DOCUMENTS ENTITLED:
CPS RFP #19/67
Columbia Public Schools
Midway Heights Elementary Masonry Restoration

PWA PROJECT NUMBER: 201621.30

BID DATE: 2:00p.m. April 18, 2019 (Unchanged)

PREPARED FOR: Columbia Public Schools

CONSULTANT: PWArchitects, Inc.
Attn: Dylan Powell, AIA
Email: dpowell@pwarchitects.com



Drawings and Specifications for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

General:

1. **Pre-Bid Attendance List:** the list of pre-bid attendees from the April 4, 2019 pre-bid meeting is attached.
2. **Plan holders List:** A plan holders list is available online at www.adsmo.net or by calling ADS at (573) 446-7768.
3. Visits to the building shall be coordinated with Todd Bennington of Columbia Public Schools. All visitors shall confirm their visit with Mr. Bennington prior to their arrival, regardless of whether they will be staying inside the building for the duration of their visit, check in with the front desk at Midway Heights Elementary School, and shall check out with the front desk and Mr. Bennington upon completion of their visit. Classes generally start at 7:30 am and continue until 2:35 pm. Coordination with Mr. Bennington is also necessary if bidders desire to access the roof of this facility. Contact Todd Bennington at TBennington@cpsk12.org or by phone at 573-289-1786.
4. **Pre-Bid Meeting Questions:**
 - a. **Q: *There is very little space or tolerance available for removing and reinstalling the electrical conduits at the location where the new metal soffit panels are to be installed. Would it be possible to install fiber cement panels instead of soffit panels at this location? That would avoid costly electrical work and possible electrical service interruptions.***
A: Please refer below to Item #7.
 - b. **Q: *At the west façade of the two-story cafeteria addition, there is existing EPDM that was installed over the existing concrete foundations below the windows. Drawings show these concrete surfaces are to be covered with masonry coating. Do we have to remove the EPDM before installing the masonry coating?***
A: For this project, all existing EPDM installed over existing concrete walls or foundations at or near grade shall not be removed or covered with masonry coating. They shall be left in

place and a fluid-applied roofing system shall be installed over the existing EPDM. The EPDM and concrete substrates shall be selectively patched prior to installation of the fluid-applied roofing system as necessary for proper, complete, and watertight installation required by manufacturer. Refer to the attached drawing A-202-a and attached specification Section 07 56 00 Fluid-Applied Roofing.

- c. **Q: There is a gap between the building and asphalt paving joint at the southwest corner of the building, at the south and west corners, at the far west side of the playground. That pavement joint is not shown to be caulked on the drawings. How should we proceed?**

A: This question will be addressed in a future Addendum.

5. **Clarification:** The Owner's roof warranty information is attached. Coordinate roof warranty information with details shown on drawings and specifications for this project. Roofs shall be protected as required by drawings and specifications.
6. **Clarification:** Chain link fencing, at West elevation of two-story cafeteria addition and other locations, shall be removed and re-installed by Contractor as required for proper execution and completion of work.
7. **Clarification:** The Owner and Architect have determined Metal Soffit Panels cannot be installed at the location shown on the drawings due to potential undesired interruption to building electrical service.
 - a. Omit Metal Soffit Panels.
 - b. Omit Section 07 42 13 Metal Soffit Panels.
 - c. **Change Scope of Work Note "S" to the following:**
"Install new Fiber Cement Soffit Panels and trim at designated locations. Paint panels and trim to match existing soffit panels."
 - d. All existing conduits and other electrical-service related items shown on Drawings at the locations related to Scope of Work Note "S" shall remain in place for the duration of the project and shall not be uninstalled or modified without the prior consent of the Owner. The Contractor must always maintain the integrity of the existing electrical components and service and install new Fiber Cement Soffit Panels in such a way that does not compromise this. The existing conduit supports may be fastened through the new Fiber Cement Soffit Panels into the existing joists as necessary.
 - e. Refer to attached Sheet A-501-a for a detail of the Fiber Cement Soffit Panel installation per Scope of Work Note "S".
 - f. **Refer to Item #8 below regarding the revised Proposal Form and Unit Prices Form.**
8. **Revised Section 00 42 13 Proposal Form and Section 00 43 22 Unit Prices Form documents are attached. These documents have been revised to omit Metal Soffit Panels.**
9. Add replacement of three existing downspouts shown on attached sheet A-202-b.
 - a. New downspouts shall match existing size, style, and finish and shall be pre-finished sheet metal as indicated in the attached revised Section 07 62 00 Sheet Metal Flashing and Trim.
 - b. Provide 24-gauge pre-finished gutter straps to match downspout finish and profile at eight feet on center maximum, minimum two per downspout.
 - c. Finish for new pre-finished sheet metal downspouts shall be selected by Architect from manufacturer's standard finishes.
 - d. See Item #10 below regarding revisions to specifications for this Work.
10. Section 07 62 00 Sheet Metal Flashing and Trim has been revised to include pre-finished sheet metal for new downspouts.

Attachments:

1. Pre-Bid Attendees List.
2. Midway Heights Elementary Roof Warranty Document.
3. Sheet A-202-a.
4. Section 07 56 00 Fluid-Applied Roofing.
5. Sheet A-501-a.
6. Section 00 42 13 Proposal Form.
7. Section 00 43 22 Unit Prices Form.
8. Sheet A-202-b.
9. Revised Section 07 62 00 Sheet Metal Flashing and Trim.

END OF ADDENDUM 1

ATTENDANCE FOR
RFP 19/67 MIDWAY HEIGHTS ELEMENTARY MASONRY RESTORATION

Pre-Bid Meeting 4/4/2019, 10:00 A.M.
ATTENDANCE

NAME	COMPANY	PHONE	EMAIL
Scott Pankratz	Restoration & Waterproofing	913-321-6226	jason@rwc@gmail.com
Dan Stuart	STUART INC	314-393-0270	Dan@STUARTINC.COM
Dylan Powell	PW Architects	573-999-6405	dpowell@pwarchitects.com
Randy Mason	MASON'S MASONRY	618-427-3729	rmmrinc@gmail.com
Chase Halsey	Mid Continental Restoration	620-764-2733	chase_halsey@midcontinentals.com
Todd Bennington	CPS		
Greg Drake	CPS		
Lisa Deanich	CPS		

Project # 904-946-740-1

Entire Roof Replaced

RED SHIELD WARRANTY



RED SHIELD ROOFING SYSTEM LIMITED WARRANTY

Warranty No: RO057269 **FBPCO #** CF4375 **Square Footage:** 30000 s.f.
Building Owner: COLUMBIA PUBLIC SCHOOLS
Building Identification: MIDWAY HEIGHTS ELEMENTARY SCHOOL
Building Address: 8130 U.S. 40, COLUMBIA, MO, 65201-0000
Warranty Period Of: TWENTY (20) Years, Beginning On: 06/04/13
Roofing Contractor: WATKINS ROOFING, INC. (01335)

For the warranty period indicated above, Firestone Building Products Company, LLC ("Firestone"), an Indiana limited liability company, warrants to the Building Owner ("Owner") named above that Firestone will, subject to the Terms, Conditions and Limitations set forth below, repair any leak in the Firestone Roofing System ("System").

TERMS, CONDITIONS AND LIMITATIONS

- Products Covered.** The System shall mean only the Firestone brand roofing membranes, Firestone brand roofing insulations, Firestone brand roofing metal, and other Firestone brand roofing accessories when installed in accordance with Firestone technical specifications by a Firestone-licensed applicator.
- Notice.** In the event any leak should occur in the System, the Owner must give notice in writing or by telephone to Firestone within thirty (30) days of any occurrence of a leak. Written notice may be sent to Firestone at the street address or fax number shown on the reverse side of this Limited Warranty. Evidence of this notice shall be the receipt by Owner of a Firestone Leak Notification Acknowledgement. By so notifying Firestone, the Owner authorizes Firestone or its designee to investigate the cause of the leak.
- Investigation.** If upon investigation, Firestone determines that the leak is not excluded under the Terms, Conditions and Limitations set forth in this Red Shield Roofing System Limited Warranty (the "Limited Warranty"), the Owner's sole and exclusive remedy and Firestone's total liability shall be limited to the repair of the leak. Should the investigation reveal that the leak is excluded under the Terms, Conditions and Limitations, the Owner shall be responsible for payment of the investigation costs. Failure by Owner to pay for these costs shall render this Limited Warranty null and void. Firestone will advise the Owner of the type and/or extent of repairs required to be made at the Owner's expense that will permit this Limited Warranty to remain in effect for the unexpired portion of its term. Failure by the Owner to properly make these repairs in a reasonable manner using a Firestone-licensed applicator and within 60 days shall render this Limited Warranty null and void.
- No Dollar Limit (NDL).** There is no dollar limit placed on warranted leak repairs to the extent such repairs are covered by this Limited Warranty.
- Disputes.** Any dispute, controversy or claim between the Owner and Firestone concerning this Limited Warranty shall be settled by mediation. In the event that the Owner and Firestone do not resolve the dispute, controversy or claim in mediation, the Owner and Firestone agree that neither party will commence or prosecute any suit, proceeding, or claim other than in the courts of Hamilton County in the state of Indiana or the United States District Court, Southern District of Indiana, Indianapolis Division. Each party irrevocably consents to the jurisdiction and venue of the above-identified courts.
- Payment Required.** Firestone shall have no obligation under this Limited Warranty unless and until Firestone and the licensed applicator have been paid in full for all materials, supplies, services, approved written change orders, warranty costs and other costs which are included in, or incidental to, the System. In the event that repairs not covered by this Limited Warranty are necessary in the future, Firestone reserves the right to suspend this Limited Warranty until such repairs have been completed and the licensed applicator and/or Firestone has been paid in full for such repairs.
Exclusions. Firestone shall have no obligation under this Limited Warranty, or any other liability, now or in the future if a leak or damage is caused by: (a) Natural forces, disasters, or acts of God including, but not limited to, fires, hurricanes, tornadoes, hail, wind-blown debris, lightning, earthquakes, volcanic activity, atomic radiation, insects or animals; (b) Winds of peak gust speed at or in excess of 55MPH calculated at ten(10) meters above ground using available meteorological data; (c) Act(s), conduct or omission(s) by any person; or act(s) of war, terrorism or vandalism, which damage the System or which impair the System's ability to resist leaks; (d) Failure by the Owner to use reasonable care in maintaining the System, said maintenance to include, but not be limited to, those items listed on the reverse side of this Limited Warranty entitled "Building Envelope Care and Maintenance Guide"; (e) Deterioration or failure of building components, including, but not limited to, the roof substrate, walls, mortar, HVAC units, skylights etc.; (f) Construction generated moisture, condensation or infiltration of moisture in, from, through, or around the walls, copings, rooftop hardware or equipment, skylights, building structure or underlying or surrounding materials; (g) Acid, oil, harmful chemicals, or the reaction between them; (h) Alterations or repairs to the System that are not completed in accordance with Firestone's published specifications, not completed by an approved contractor, and/or not completed with proper notice to Firestone; (i) The design of the roofing system: Firestone does not undertake any analysis of the architecture or engineering required to evaluate what type of System is appropriate for a building and makes no warranty express or implied as to the suitability of its Products for any particular structure; such a determination is the responsibility of the architect, engineer or design professional; (j) Improper selection of materials for the roof assembly or the failure to accurately calculate wind uplift and/or roof loads; (k) Deterioration to metal roofing materials and accessories caused by marine salt water; atmosphere, or by regular spray of either salt or fresh water; or, (l) Change in building use or purpose.
- Transfer.** This Limited Warranty shall be transferable subject to Owner's payment of the current transfer fee set by Firestone.
- Term.** The term of this Limited Warranty shall be for the period set forth above and such term shall not be extended under any circumstances.
- Roof Access.** During the term of this Limited Warranty, Firestone's designated representative or employees shall have free access to the roof during regular business hours. In the event that roof access is limited due to security or other restrictions, Owner shall reimburse Firestone for all reasonable cost incurred during inspection and/or repair of the System that are due to delays associated with said restrictions. Owner shall be responsible for the damage caused by, removal and replacement of any overburdens, superstrata or overlays, either permanent or temporary, excluding accepted stone ballast or pavers, as necessary to expose the system for inspection and/or repair.
- Waiver.** Firestone's failure to enforce any of the terms or conditions stated herein shall not be construed as a waiver of such provision or of any other terms and conditions of this Limited Warranty.
- Governing Law.** This Limited Warranty shall be governed by and construed in accordance with the laws of the State of Indiana without regard to that State's rules on conflict of laws.
- Severability.** If any portion of this Limited Warranty is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions shall nevertheless continue in full force.

FIRESTONE DOES NOT WARRANT PRODUCTS INCORPORATED OR UTILIZED IN THIS INSTALLATION THAT WERE NOT FURNISHED BY FIRESTONE. FIRESTONE SPECIFICALLY DISCLAIMS LIABILITY UNDER ANY THEORY OF LAW ARISING OUT OF THE INSTALLATION OF, PERFORMANCE OF, OR DAMAGES SUSTAINED BY OR CAUSED BY, PRODUCTS NOT FURNISHED BY FIRESTONE.

THIS LIMITED WARRANTY SUPERSEDES AND IS IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND FIRESTONE HEREBY DISCLAIMS ALL SUCH WARRANTIES. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST FIRESTONE, AND FIRESTONE SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGES TO THE BUILDING OR ITS CONTENTS OR THE ROOF DECK. THIS LIMITED WARRANTY CANNOT BE AMENDED, ALTERED OR MODIFIED IN ANY WAY EXCEPT IN WRITING SIGNED BY AN AUTHORIZED OFFICER OF FIRESTONE. NO OTHER PERSON HAS ANY AUTHORITY TO BIND FIRESTONE WITH ANY REPRESENTATION OR WARRANTY WHETHER ORAL OR WRITTEN.

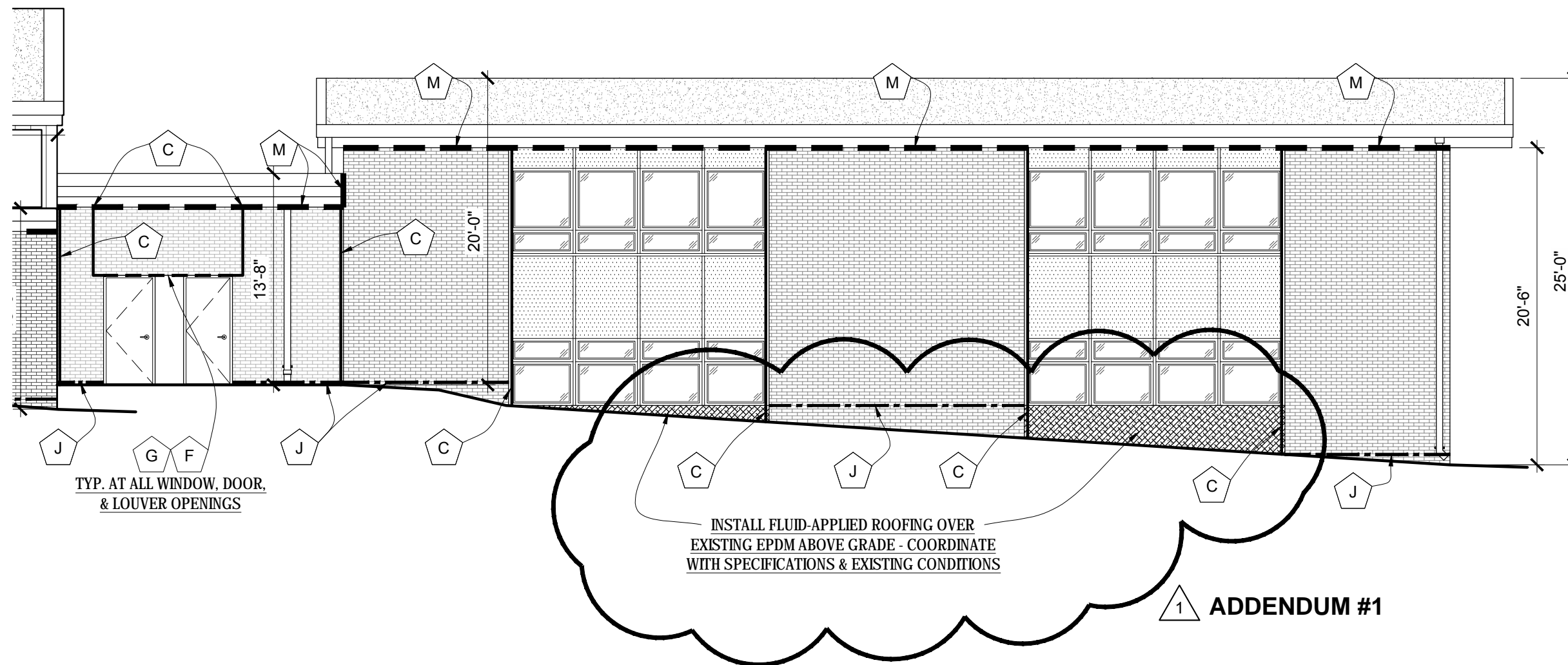
FIRESTONE BUILDING PRODUCTS COMPANY, LLC

By: Phil LaDuke

Authorized
Signature:

Title: Director, Quality Assurance

Firestone



A

PARTIAL WEST ELEVATION AT 2-STORY CAFETERIA ADDITION

SCALE: 1/8" = 1'-0"



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 2120 Forum Blvd., Ste. 101
 Columbia, Missouri 65203

PWArchitects.com
 573.449.2683

Peckham & Wright Architects an Architectural Corporation
 Missouri State Certificate of Authority No. 000244

DRAWING NO.
A-202-a

PROJECT: COLUMBIA PUBLIC SCHOOLS - MIDWAY HEIGHTS ELEMENTARY MASONRY RESTORATION (PWA #201621.30)

DRAWN: DP

CHKD: DP

DATE: 04/05/2019

SECTION 07 56 00
FLUID-APPLIED ROOFING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fluid-applied roofing materials.
- B. Accessories.

1.02 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturer's data for membrane and accessory materials.
- C. Manufacturer's Installation Instructions: Include standard installation instructions, acceptable installation temperature range, and procedures for unusual perimeter conditions.
- D. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.03 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacture of fluid-applied roofing or waterproofing systems.
 - 1. Three years' documented experience manufacturing type of product specified.
- B. Installer Qualifications: Company specializing in installation of fluid-applied roofing or waterproofing systems.
 - 1. Approved by roofing manufacturer.
 - 2. Five years of documented experience.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in manufacturer's original containers, dry and undamaged, with seals and labels intact.
- B. Store materials in weather protected environment, clear of ground and moisture.
- C. Ensure storage and staging of materials does not exceed static and dynamic load-bearing capacities of roof decking.

1.05 FIELD CONDITIONS

- A. Maintain ambient temperatures above 40 degrees F (5 degrees C) for 24 hours before and during application and until cured.
- B. Schedule applications so that no partially completed sections of roof are left exposed at end of workday.

1.06 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Provide five year manufacturer warranty that roofing membrane will not crack, split, or flake under normal weather conditions and will not fail to resist penetration of water during that time period.
 - 1. Hairline cracking of concrete due to temperature change or shrinkage is not considered a structural failure.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Fluid-Applied Roofing:
 - 1. IPS Roofing Products; Metacrylics Extreme Weather Acrylic WHITE:
www.metacrylics.com.
 - 2. National Coatings Corporation; Roof Coating AcryShield A500:
www.nationalcoatings.com.

3. Tremco Roofing; AlphaGuard BIO: www.tremcoroofing.com.
4. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 MATERIALS

- A. Fluid-Applied Roofing: White, cold-applied; single-component or two component; polyurethane, silicone elastomer, or water-based acrylic elastomeric, approved by manufacturer for permanent exposure to weather and sunlight.
 1. Cured Thickness: 80 mils (2 mm), minimum, applied in three coats with reinforcing fabric between each coat.
 2. Suitable for installation over metal, concrete, built-up bituminous, and single-ply sheet roofing substrates.
 3. VOC Content: less than 50 g/L.
 4. Tensile Strength: 175 psi (1.21 MPa), minimum, measured in accordance with ASTM D412.
 5. Ultimate Elongation: 140 percent, measured in accordance with ASTM D412.

2.03 ACCESSORIES

- A. Flexible Flashing Sheet: Neoprene or other elastic type sheets approved by roofing membrane manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions prior to starting this work.
- B. Verify substrate surfaces are free of frozen matter, dampness, loose particles, cracks, pits, projections, penetrations, or foreign matter detrimental to adhesion or application of roofing system.
- C. Verify that substrate surfaces are smooth, free of honeycombs or pitting, and not detrimental to full contact bond of roofing materials.

3.02 PREPARATION

- A. Clean and prepare surfaces to receive roofing in accordance with manufacturer's instructions and recommendations.
- B. Patch existing roofing or substrate as required to achieve manufacturer's required substrate conditions. Patching or repair of concrete, metal, or roofing may be required. Provide and install all necessary patching work and materials. All work shall conform to manufacturer's requirements.
- C. Seal cracks and non-moving open joints less than 1/2 inch (12 mm) wide with sealant using methods recommended by roofing and sealant manufacturers; do not seal expansion joints or moving joints of any width.
- D. Install cant strips at inside corners, where indicated and where required by roofing manufacturer.
- E. Protect adjacent surfaces not designated to receive roofing.

3.03 INSTALLATION

- A. Install fluid-applied roofing in accordance with manufacturer's instructions and recommendations, to specified minimum thickness.
- B. Apply roofing materials to surfaces that are acceptable to manufacturer.
- C. Apply primer or surface conditioner at a rate recommended by manufacturer, and protect surface conditioner from rain or frost until dry.
- D. Installations Over Sealant-Filled Joints: Install an extra coating of roofing material over joints at least 6 inches (152 mm) on each side of joint.

- E. Penetrations: Unless otherwise indicated on drawings, or recommended by roofing manufacturer, seal flexible flashing sheet around penetrations and to roofing substrate prior to installation of roofing material, embedding flashing sheet in one coat of roofing material.
- F. Applying to Vertical Surfaces: Extend fluid-applied roofing material from grade to bottom of window assemblies or brick veneer. Do not block weeps in brick or window assemblies, through-wall flashings, or other self-draining items permanently affixed to building.
- G. Embedded Flexible Flashing Sheet: Apply full thickness of roofing material over exposed flashing sheet.
- H. Apply extra thickness of roofing material at corners, intersections, and angles, when recommended by roofing manufacturer.

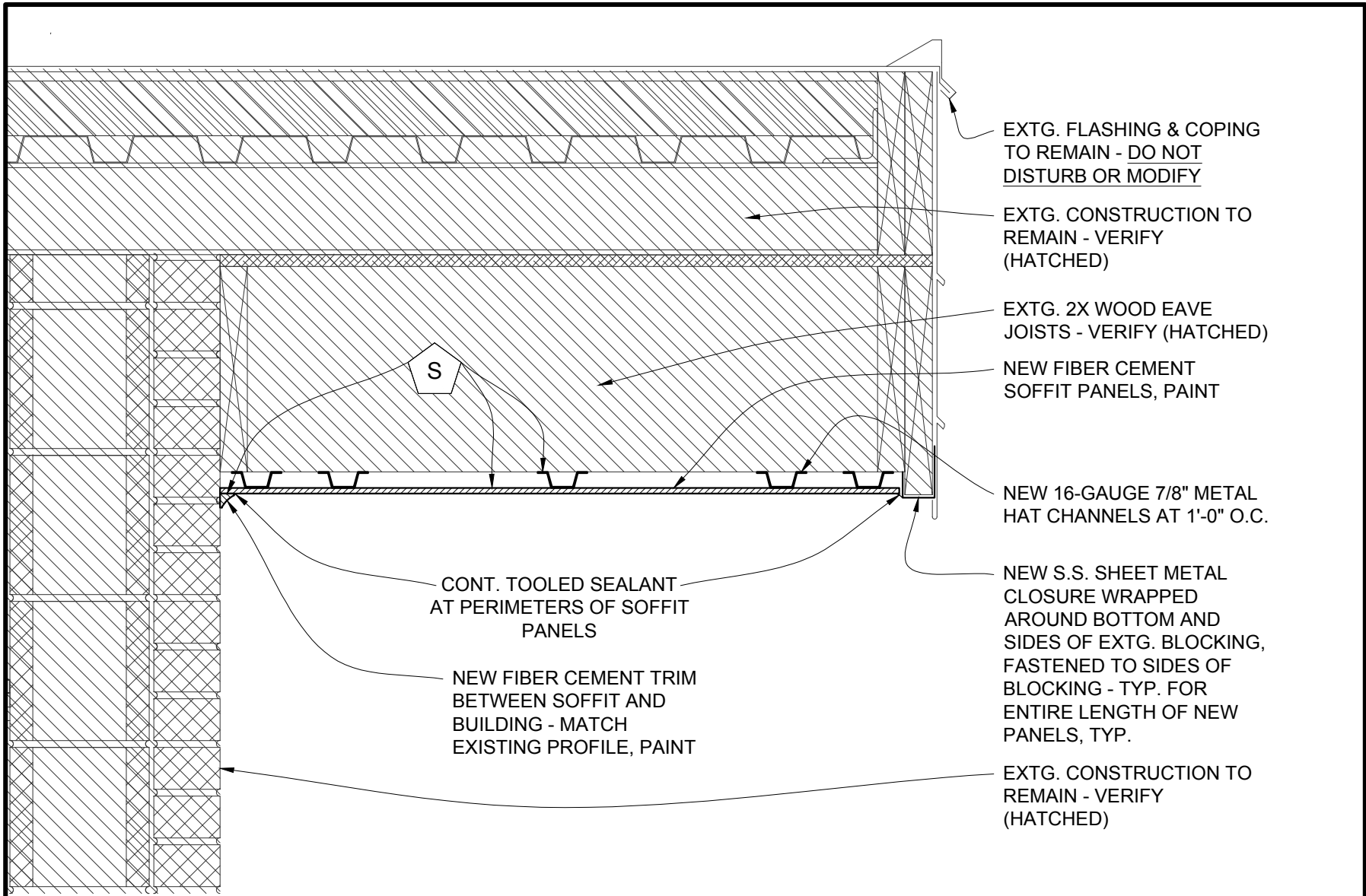
3.04 FIELD QUALITY CONTROL

- A. Upon completion of installation, Owner and Architect will test watertightness and inspect interior of building for leaks. Flood testing with a temporary dam is not likely to be possible due to existing conditions of the building.
- B. If leaking is found, repair leaking areas with new roofing materials as directed by Architect and repeat test. Repair damages to building related to test leakage as directed by Architect.

3.05 PROTECTION

- A. Protect installed roofing and flashings from construction operations.

END OF SECTION



EXTG. FLASHING & COPING TO REMAIN - DO NOT DISTURB OR MODIFY

EXTG. CONSTRUCTION TO REMAIN - VERIFY (HATCHED)

EXTG. 2X WOOD EAVE JOISTS - VERIFY (HATCHED)

NEW FIBER CEMENT SOFFIT PANELS, PAINT

NEW 16-GAUGE 7/8" METAL HAT CHANNELS AT 1'-0" O.C.

NEW S.S. SHEET METAL CLOSURE WRAPPED AROUND BOTTOM AND SIDES OF EXTG. BLOCKING, FASTENED TO SIDES OF BLOCKING - TYP. FOR ENTIRE LENGTH OF NEW PANELS, TYP.

EXTG. CONSTRUCTION TO REMAIN - VERIFY (HATCHED)

CONT. TOOLED SEALANT AT PERIMETERS OF SOFFIT PANELS

NEW FIBER CEMENT TRIM BETWEEN SOFFIT AND BUILDING - MATCH EXISTING PROFILE, PAINT

TYP. FIBER CEMENT SOFFIT DETAIL - SCOPE OF WORK "S"

A

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



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 Missouri State Certificate of Authority No. 000244

DRAWING NO.
A-501-a

PROJECT: CPS-MIDWAY H. MASONRY RESTORATION (PWA #201621.30)

DRAWN: DP

CHKD: DP

DATE: 04/05/2019

Columbia Public Schools
Midway Heights Elementary Masonry Restoration
Proposal Form

BID TIME: 2:00 pm local time

BID DATE: April 18, 2019

FROM: _____

TO: Columbia Public School District

FOR: Midway Heights Elementary Masonry Restoration

Hereinafter called the "Work".

1. The Undersigned, having examined and being familiar with the local conditions affecting the Work and with the contract documents, including "Instructions to Bidders", "Proposal Form", "Special Conditions", "Contractor Agreement", "Scope of Work" and "Drawings" Including Addenda _____ Through _____, as issued by Columbia Public School District, hereby proposes to furnish and pay for all appropriate sales and use taxes, insurance, bonds, labor, materials, tools, equipment, services, and related items required for the performance and completion of the work as follows:

Overall Base Bid:

The Sum of _____ dollars (\$_____)

2. In submitting this bid, it is understood that the right is reserved by the owner, to reject any and all bids and it is agreed that the bids may not be withdrawn for a period of sixty (60) days from the specified time for receiving bids. The Owner reserves the right to waive any informality or irregularity in any bid received and to award a contract in any manner deemed to Owner, at his sole discretion to be in his best interest.

3. Bidder proposes to complete all Work according to the Instructions to Bidders.

4. Draft Agreement Form for construction schedule requirements.

5. The bidder certifies that the following proposed subcontractors will be used in the performance of the Work (if none, so state):

<u>Name of Subcontractor</u>	<u>Address, City, State & Zip</u>	<u>Phone</u>
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1. Sheet Metal & Flashing _____

6. The bidder hereby certifies that this proposal is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation. That the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham proposal; that the bidder has not solicited or induced any person, firm or corporation to refrain from bidding; that the bidder has not sought by collusion or otherwise to obtain for themselves any advantage over any other bidder or over the owner, and that the

Columbia Public Schools
Midway Heights Elementary Masonry Restoration
Proposal Form

bidder will not discriminate against any corporation, firm, company, employee or applicant for employment for services because of sex, race, creed, color or national origin in connection with the performance of Work.

Signed by: _____ Title: _____

Dated this _____ day of _____, 20_____.

Organization type: Individual _____ Partnership _____ Corporation _____

Name/title of Officer Firm or partnership name

Address for communication

Telephone Fax

If a Corporation:

1. Incorporated under the laws of the state of _____.
2. Licensed to do business in the State of Missouri? Yes _____ No _____.

(Each bidder must complete the proposal form by signing it in the proper signature lines above and by supplying the required information called for in connection with the signatures. The information is necessary for the proper preparation of a contract)

Mail or deliver the proposal form to:
Ms. Dana Reynolds, Purchasing Agent
Administration Building
1818 W. Worley
Columbia, Missouri, 65203

**SECTION 00 43 22
UNIT PRICES FORM**

PARTICULARS

1.01 THE FOLLOWING IS THE LIST OF UNIT PRICES REFERENCED IN THE BID SUBMITTED BY:

1.02 (BIDDER) _____

1.03 TO: COLUMBIA PUBLIC SCHOOL DISTRICT

1.04 DATED _____ **AND WHICH IS AN INTEGRAL PART OF THE BID FORM.**

1.05 THE FOLLOWING ARE UNIT PRICES FOR SPECIFIC PORTIONS OF THE WORK AS LISTED, AND ARE APPLICABLE TO AUTHORIZED VARIATIONS FROM THE CONTRACT DOCUMENTS.

1.06 SEE RESPECTIVE SPECIFICATION SECTIONS FOR FURTHER DEFINITIONS OF ITEM DESCRIPTION FOR UNIT PRICES.

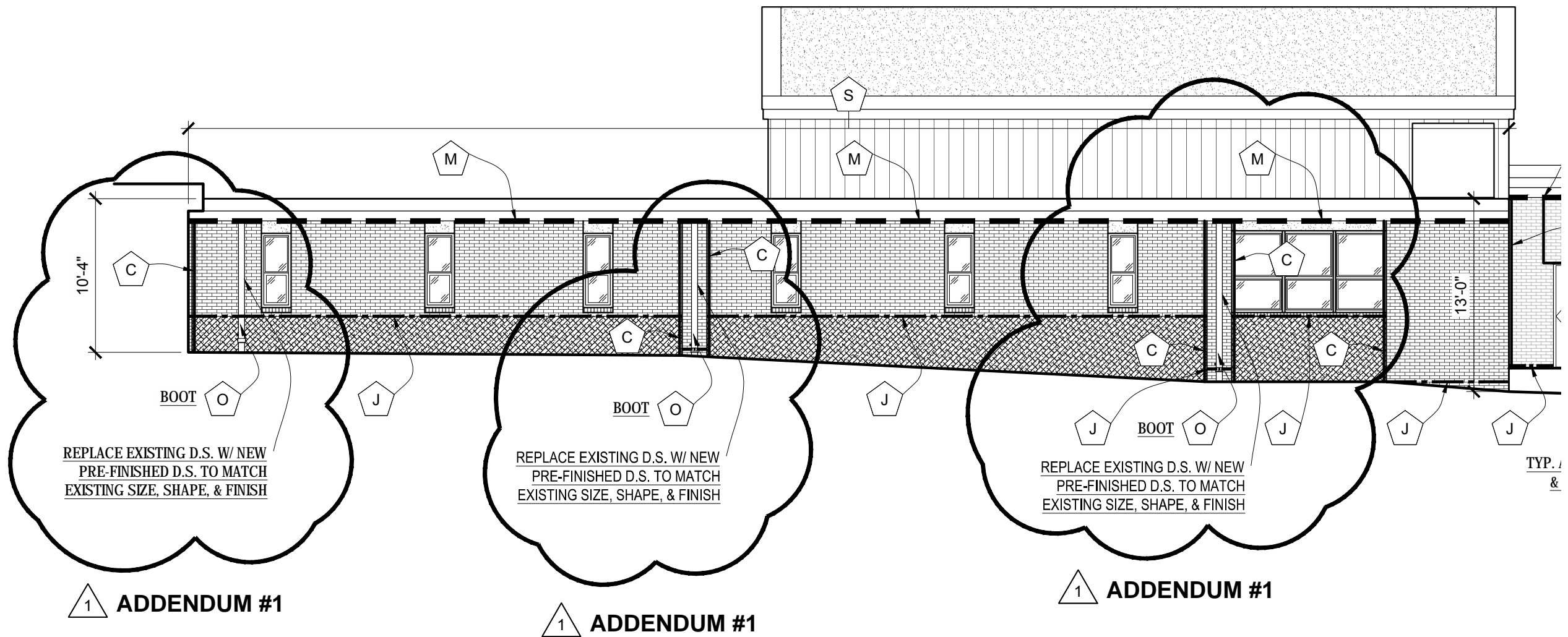
UNIT PRICE LIST

2.01 ITEM DESCRIPTION, UNIT MEASUREMENT, AND UNIT VALUE

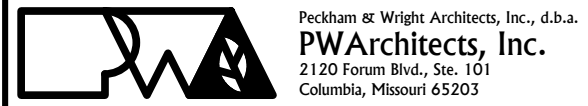
- A. Scope of Work Note "A"
Repoint defective Mortar Joints in Brick: By the square foot.
1. Base Bid Includes: 2,000 Sq. Ft.: ADD/DEDUCT _____ / Sq. Ft.
2. Refer to Section 04 01 00, Maintenance of Masonry.
- B. Scope of Work Note "C"
Replace defective Control Joint: By the linear foot. Includes cutting out and removing existing defective sealant and backer, preparing and installing new.
1. Base Bid Includes: 800 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
2. Refer to Section 04 01 00, Maintenance of Masonry, and 07 92 00, Joint Sealants.
- C. Scope of Work Note "H"
Replace Steel Lintels: By the linear foot. Includes removing existing brick or stone, minimum 12" above lintel, or a distance required to remove and replace lintel. Replace lintel with galvanized steel angle, painted. Replace salvaged brick to match existing configuration.
1. Base Bid Includes: 75 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
2. Refer to Section 04 01 00, Maintenance of Masonry, and 05 50 00, Metal Fabrications.
- D. Scope of Work Note "I"
Brick replacement for under 7 Bricks grouped together: By the unit (each brick). Includes removing any defective brick; replace with new brick matching size and color of existing. Set in fresh bed of Type N mortar; Match existing color and profile.
1. Base Bid Includes: 750 bricks: ADD/DEDUCT _____ / Each
2. Refer to Section 04 01 00, Maintenance of Masonry.
- E. Scope of Work Note "I"
Brick replacement for 7 Bricks or over grouped together: By the square foot. Includes removing any defective brick; replace with new brick matching size and color of existing. Set in fresh bed of Type N mortar; Match existing color and profile.
1. Base Bid Includes: 250 Sq. Ft.: ADD/DEDUCT _____ / Sq. Ft.
2. Refer to Section 04 01 00, Maintenance of Masonry.
- F. Scope of Work Note "J"
Install new "Rake And Seal" Sealant Joints: By the linear foot. Includes cutting masonry and mortar and removing existing defective mortar, sealant, and backer, preparing and installing new sanded sealant joint, and installing new weeps.
1. Base Bid Includes: 1,500 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
2. Refer to Section 04 01 00, Maintenance of Masonry, and 07 92 00, Joint Sealants.

- G. Scope of Work Note "L"
 Install New Control Joint: By the linear foot. Includes cutting masonry and mortar, preparing and installing new sanded sealant joint.
1. Base Bid Includes: 600 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
 2. Refer to Section 04 01 00, Maintenance of Masonry, and 07 92 00, Joint Sealants.
- H. Scope of Work Note "M"
 Replace all Sealant Joints at soffit-to-building joints: By the linear foot. Includes cutting out and removing existing defective sealant and backer, preparing and installing new.
1. Base Bid Includes: 1,000 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
 2. Refer to Section 07 92 00, Joint Sealants.
- I. Scope of Work Note "N"
 Replace all Sealant Joints at perimeters of all windows, doors, louvers, and other penetrations of exterior walls: By the linear foot. Includes cutting out and removing existing defective sealant and backer, preparing and installing new.
1. Base Bid Includes: 4,400 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
 2. Refer to Section 07 92 00, Joint Sealants.
- J. Scope of Work Note "P"
 Micro Injection Grouting: By the linear foot. Includes preparation and grouting in accordance with Manufacturer's recommendations.
1. Base Bid includes: 75 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
 2. Refer to Section 04 01 00, Maintenance of Masonry.
- K. Scope of Work Note "Q"
 Crack Stitching: By the linear foot. Includes designated crack stitching in accordance with Manufacturer's recommendations.
1. Base Bid Includes: 50 Lin. Ft.: ADD/DEDUCT _____ / Lin. Ft.
 2. Refer to Section 04 01 00, Maintenance of Masonry.
- L. Scope of Work Note "R"
 Concrete Patching: By the cubic inch. Includes preparing and patching designated Concrete.
1. Base Bid Includes: 2,500 Cubic In.: ADD/DEDUCT _____ / Cubic In.
 2. Refer to Section 04 01 00, Maintenance of Masonry.
- M. Scope of Work Note "S"
 Install new fiber cement soffit panels, trim, and flashing over existing wood eave framing: By the square foot. Includes installation and adjustment of new framing members, preparing and installing new fiber cement soffit panel system and trim, connections and flashing to existing building and existing metal fascia system, painting of fiber cement soffit panels and trim, and coordination with existing electrical elements to remain.
1. Base Bid Includes: 450 Sq. Ft.: ADD/DEDUCT _____ / Sq. Ft.
 2. Refer to Section 07 46 46 Fiber Cement Panels, Section 06 10 00 Rough Carpentry.
- N. Scope of Work Note "T"
 Traffic Coating: By the square foot. Includes patching and preparing existing concrete surface, and installation of new traffic coating system.
1. Base Bid Includes: 1,000 Sq. Ft.: ADD/DEDUCT _____ / Sq. Ft.
 2. Refer to Section 07 18 00 Traffic Coatings.

END OF SECTION



A PARTIAL WEST ELEVATION
SCALE: 1/8" = 1'-0"



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DRAWING NO.
A-202-b

SECTION 07 62 00
SHEET METAL FLASHING AND TRIM

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fabricated sheet metal items, including sheet metal drip edges, flashings, metal copings, downspouts, and other miscellaneous items designated on drawings.

1.02 SUBMITTALS

- A. See Division One for submittal procedures.
- B. Shop Drawings: Indicate material profile, jointing pattern, jointing details, fastening methods, flashings, terminations, and installation details.

1.03 QUALITY ASSURANCE

- A. Perform work in accordance with SMACNA Architectural Sheet Metal Manual requirements and standard details, except as otherwise indicated.
- B. Fabricator and Installer Qualifications: Company specializing in sheet metal work with five years of documented experience.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Stack material to prevent twisting, bending, and abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
- B. Prevent contact with materials that could cause discoloration or staining.

1.05 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 SHEET MATERIALS

- A. Pre-Finished Galvanized; ASTM A653/A653M, with G90/Z275 zinc coating; minimum 0.02 inch thick (24 GA equivalent) base metal, shop pre-coated with PVDF coating.
 - 1. PVDF (Polyvinylidene Fluoride) Coating: Superior Performance Organic Finish, AAMA 2605; multiple coat, thermally cured fluoropolymer finish system.
 - 2. Color: As selected by Architect from manufacturer's full range of colors.
- B. Stainless Steel: ASTM A666, Type 304, soft temper, 0.025 inch thick (24 gage); smooth No. 4 finish.

2.02 ACCESSORIES

- A. Fasteners: Purpose designated of same metal being fastened; concealed.
- B. Underlayment: Self-adhering membrane flashing; Coordinate with Section 04 01 00, Maintenance of Masonry.
- C. Sealant: Type as specified for application in Section 07 92 00 Joint Sealants.

2.03 FABRICATION

- A. Form sections true to shape, accurate in size, square, and free from distortion or defects.
- B. Fabricate continuous cleats of same material as sheet, interlocking with sheet.
- C. Form pieces in longest possible lengths.
- D. Hem exposed edges on underside 1/2 inch; miter and seam corners.
- E. Joints and seams: Use locks and seams recommended by appropriate SMACNA standard for item being joined. Set in compatible sealant as specified in Section 07 92 00. Allow joint to move.
- F. Fabricate corners from one piece with minimum 18 inch long legs; seam for rigidity, seal with sealant.

- G. Fabricate vertical faces with bottom edge formed outward 1/4 inch and hemmed to form drip.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that masonry restoration work is complete and ready to receive sheet metal.

3.02 INSTALLATION

- A. Conform to drawing details.
- B. Secure flashings in place using concealed fasteners.
- C. Fit flashings tight in place. Make corners square, surfaces true and straight in planes, and lines accurate to profiles.
- D. Seal metal joints watertight.

3.03 FIELD QUALITY CONTROL

- A. See Section 01 40 00 - Quality Requirements, for field inspection requirements.
- B. Inspection will involve surveillance of work during installation to ascertain compliance with specified requirements.

END OF SECTION