ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

Scruggs Stations Warehouse
Complex Porite Roof Electrical & HVAC Repairs
Fairgrounds Warehouse
Jefferson City, MO
PROJECT No.: O2534-01

Bid Opening Date is: 1:30 PM, THURSDAY, NOVEMBER 5, 2026 (Not Changed)

Bidders are hereby informed that the Construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 000110 – Table of Contents

    a. REVISE section 075600 Fluid Applied Roofing as follows:
        A. Page count "10"

2. Section 071400 – Fluid Applied Membrane Waterproofing

    a. REPLACE section in its entirety.

DRAWING CHANGES:

a. N/A

GENERAL COMMENTS:

1. **The Pre-Bid Meeting was held OCTOBER 22, 2026, at 1:30 PM, followed by a walk-through of the site. The Pre-Bid Meeting sign-in sheet is attached.**
2. **Bidders needing additional site inspection should contact Keith Arnel at 573.508.9867 to schedule a time if access to the facility is required.**
3. **Please contact April Howser, Contract Specialist, at 573.690.9874 or April.Howser@oa.mo.gov, for questions about bidding procedures, MBE/WBE/SDVE/HDVE goals, and submittal requirements.**
4. **The deadline for technical questions was Thursday, October 29, 2026, at noon.**
5. **Changes to, or clarification of, the bid documents are only made as issued in the addenda.**
6. **All correspondence with respect to this project must include the State of Missouri project number as indicated above.**
7. **Current Planholders list available online at: https://www.oafmdcplanroom.com/projects/3442/details/o2534-01-scruggs-station-warehouse-complex-porite-roof-elect-hvac-rep-fairgrounds-warehouse**
8. **Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.**
9. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled including a bid amount for the alternate. Failure to do so will result in rejection of the bid.**
10. **MBE/WBE/SDVE/HDVE participation requirements can be found in DIVISION 00.**

The MBE/WBE/SDVE/HDVE participation goals are 0%/0%/3%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE/HDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.

11. **The Contractor shall pay not less than the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed, as determined by the Missouri Department of Labor and Industrial Relations. Bidders are to adhere to Prevailing Wage Hourly Rate of Wages, and the Department of Labor and Industrial Relations can be contacted to determine the applicable wage rate for the work on this project.**

ATTACHMENTS:

1. Pre-bid Meeting Sign-In Sheet – 5 pages
2. Section 071400 Fluid Applied Membrane Waterproofing – 10 pages

October 27, 2026 *issued date

END ADDENDUM NO. 1

Pre-Bid Meeting Attendance Sheet
Porite Roof Electrical & HVAC Repairs
Scruggs Stations Warehouse Complex
1535 Fairgrounds Rd, Jefferson City, MO
Project No. O2534-01
October 22, 2026 1:30 PM

Name & Title	Company Name Type of Contracting	Phone	E-Mail Address
Andrew Walenda	Arete Contracting	573-718-6305	bids@aretecontracting.com
Kile Te	Arete Contracting		bids@aretecontracting.com
Scott Harris	Lumix Electric	573-826-9171	sharris@lumixelectrical.com
Mike Stillwell	Alloy Group Abatement	314-327-1650	mstillwell@alloygroup.com
Caleb Windes	Western	314-308-5016	calebw@westerngroup.com
Issac Nordyke	Pro Prost	217-691-2092	estimating@prostbuilders.com

Pre-Bid Meeting Attendance Sheet
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Scruggs Stations Warehouse Complex
1535 Fairgrounds Rd, Jefferson City, MO
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October 22, 2026 1:30 PM

Name & Title	Company Name Type of Contracting	Phone	E-Mail Address
Thomas Lennox	Pro Prost	573-645-6975	estimating@prostbuilders.com
Rusty Parmely	Roof Hoss	605-354-1143	info@roofhoss.com
Chase Schlup	UMS	573-508-9532	Chase.schlup@unitedmechserv.com
Jon Hudson	Crow Commercial Contracting	816-766-5608	hudson@crowcc.com
Eric Horn	5 Oaks	573-682-1314	admin@5oaksassociate.com
Moriah Carpenter	Washington Roofing & Insulation	913-375-6603	washingtoncompaniesbid@yahoo.com

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October 22, 2026 1:30 PM

Name & Title	Company Name Type of Contracting	Phone	E-Mail Address
Alanna Schmidt	Sika	312-919-8224	schmidtorigas.alanna@us.sika.com
Marc Chrisco	American Weatherstar	913-209-5638	mchrisco@weatherstar.com
Brandon Gentges	Gentges Roofing	573-255-0007	office@gentgesroofing.com
Meagan McCorkell	Gie Ltd	314-308-6903	meagan@gie-ltd.com
Brandon Dorge	MBS	573-636-7733	bdorge@missouribuilders.com
Brad Petterson	Shay Roofing	618-476-3360	bpetterson@shayroofing.com

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Name & Title	Company Name Type of Contracting	Phone	E-Mail Address
Derek Boddy	Lakeside Roofing	314-241-5253 EX 15	derek@lakesideroofing.com
Matt Fifer	Weathercraft Inc.	573-635-0141	mf@wcrfg.com
Kevin Bullock	Roofing Service & Solutions	573-886-7988	kbullock@tectaamerica.com
Bryan Carroll	Integrated Facility Services	573-442-6100	bcarroll@intfs.com
Dan Moll	D.E. Martin Roofing	618-537-6101	dmoll@martinroof.net
Curtis Dittmer	H.G. Butzer	573-636-4115	curtisd@hgbutzer.com

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Scruggs Stations Warehouse Complex
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Name & Title	Company Name Type of Contracting	Phone	E-Mail Address
Kirk Fischer	Meyer Electric	573-821-1560	kirkfischer@meyerelectric.net
Shane Floyd Engineer	Timberlake Engineering	314-277-0509	shane@timberlakeengineering.com
Brad Schafer Architect	FMDC	573-508-4235	Brad.Schaefer@oa.mo.gov
Keith Arnel Facilities Oper. Manager	FMDC	573-508-9867	Keith.Arnel@oa.mo.gov
Andy Carroll Project Manager	FMDC	573-291-6086	Andy.carroll@oa.mo.gov

SECTION 071400
FLUID-APPLIED MEMBRANE WATERPROOFING

Addendum 1

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Provide a cold fluid-applied polyurethane waterproofing system on existing metal roof or other substrates.

1. The contractor will provide all labor, materials, and tools as required to prepare and complete the installation with new materials as specified. All workmanship shall conform to the material manufacturer's recommendations and accepted industry standards.
2. Work includes substrate preparation.
3. Work includes bridging and sealing air leakage and water intrusion pathways and gaps including connections of the walls to the roof air barrier, and penetrations of the building envelope including piping, conduit, ducts, and similar items.
4. The installation to include the repair/sealing of metal panel joints, laps and transitions to include but not limited to curbs, penetrations and terminations including walls. All preparatory work will then be encapsulated with the specified type of "fluid applied rubberized type of roof materials and surface wear coating" to include Type 1 Vapor Retarder criteria to complete the work.

B. Related Work: The following items are not included in this Section and are specified under the designated Sections:

1. Section 024119 – SELECTIVE DEMOLITION
2. Section 076200 – SHEET METAL FLASHING AND TRIM
3. Section 077100 – ROOF SPECIALTIES
4. Section 079200 –JOINT SEALANTS.

1.3 PERFORMANCE REQUIREMENTS

A. Cold fluid applied polyurethane waterproofing system is intended to perform as a continuous barrier against liquid water and to flash or discharge to the exterior incidental water. Membrane system shall accommodate movements of building materials as required with accessory sealant materials at locations such as: changes in substrate, perimeter conditions and penetrations. Installed waterproofing membrane system shall not permit the passage of water and will withstand the design pressures calculated in accordance with the most current revision of ASCE 7.

B. Manufacturer shall provide all primary waterproofing materials that are physically and chemically compatible when installed in accordance with manufacturers current application requirements.

1.4 SUBMITTALS

A. Submittals: Comply with project requirements for submittals as specified in Division 01.

B. Product Data: For each product.

C. Shop Drawings: Manufacturer's standard details and shop drawings for the specified system.

D. Installer's Authorization: Installer shall provide written documentation from the manufacturer of their authorization to install the system, and eligibility to obtain the warranty specified in this section.

E. Manufacturer' Certification: Certification showing full time quality control of production facilities and that each batch of material is tested to ensure conformance with the manufacturer's published physical properties.

F. Warranty: Certification of manufacturer approved warranty

1.5 QUALITY ASSURANCE

A. Manufacturer's Qualifications: Manufacturer shall demonstrate qualifications to supply materials of this section by certifying the following:

1. Membrane Manufacturer shall have been producing fluid-applied waterproofing membranes for over 10 years.
2. Certified Contractors with less than 10 years' experience must have a minimum of one manufacturer training personnel on hand during course of project to monitor Contractor installation.
    a. Manufacturer to provide written statement signed by technical services that the repair configuration at the proposed rates of application meets a Type 1 Vapor Retarder <0.15 Classification.

3. Membrane Manufacturer shall have available an in-house technical staff to assist the contractor, when necessary, in the application of the products and site review of the assembly.

B. Installer's Qualifications: The Contractor shall demonstrate qualifications to perform the Work of this Section by submitting certification or license by the waterproofing membrane manufacturer as a trained and authorized applicator of the product the installer intends to use.

C. Source Limitations: All components listed in this section shall be provided by a single manufacturer or approved by the primary waterproofing manufacturer.

D. Materials Compatibility: All materials included in the waterproofing assembly, as well as associated materials adhered to/applied beneath the waterproofing membrane shall have been tested and verified to be compatible.

E. Final Inspection: Manufacturer's representative shall provide to the Architect a comprehensive site visit report after the completion of the waterproofing system.

F. Waterproofing Terminology: Refer to ASTM D1079 and the glossary of the National Roofing Contractors Association (NRCA) Roofing and Waterproofing Manual for definitions of waterproofing terms related to this section.

1.6 PRE-INSTALLATION CONFERENCE

A. Prior to scheduled commencement of the waterproofing installation and associated work, conduct a meeting at the project site with the installer, architect/consultant, owner, manufacturer's representative, and any other persons directly involved with the performance of the Work. The main purpose of this meeting is to review foreseeable methods and procedures related to the Work.

1.7 DELIVERY, STORAGE AND HANDLING

A. Deliver all waterproofing materials to the site in original containers, with factory seals intact.

B. Store all pail goods in their original undamaged containers in a clean, dry location within their specified temperature storage range.

C. Do not expose materials to moisture in any form before, during, or after delivery to the site. Reject delivery of materials that show evidence of contact with moisture.

D. Remove manufacturer supplied plastic covers from materials provided with such. Use "breathable" type covers such as canvas tarpaulins to allow venting and protection from weather and moisture. Cover and protect materials at the end of each workday. Do not remove any protective tarpaulins until immediately before the material will be installed.

E. Materials shall be stored above 55°F (12.6°C) a minimum of 24 hours prior to application.

1.8 PROJECT CONDITIONS

A. Weather: Proceed with waterproofing only when existing and forecasted weather conditions permit. Membrane application can proceed when precipitation is imminent. Visual marks in the form of pock marks may occur if uncured membrane is exposed to heavy rainfall but is not considered a limiting factor in the performance of the waterproofing membrane. Ambient/substrate temperatures shall be above 41°F (5°C) when applying the waterproofing system.

B. All surfaces to receive the waterproofing membrane shall be free from visible water, dew, frost, snow, and ice and be 5º F above the dew point. Application of waterproofing membrane shall be conducted in well-ventilated areas.

C. Waterproofing Membrane:

1. Waterproofing membrane is not intended to be exposed or in contact with a constant temperature below -22°F (-30°C) or in excess of 176°F (80°C). See technical data sheets for limitations, i.e., hot pipes and vents or direct steam venting.
2. Specified waterproofing membrane is non-flammable and VOC compliant. Consult container, packaging labels and Material Safety Data Sheets (MSDS) for specific safety information.

3. Specified waterproofing membrane is resistant to gasoline, paraffin, fuel oil, mineral spirits, and moderate solutions of acids and alkalis, acid rain and detergents. Some low molecular weight alcohols can soften. Any exposure to foreign materials or chemical discharges shall be presented to membrane manufacturer for evaluation to determine any impact on the waterproof membrane assembly performance prior to warranty issuance.

D. Contractor shall ensure adequate protection during installation of the waterproofing system.

E. Specified waterproofing membrane may be used as a temporary waterproofing barrier when applied at a wet film thickness of 15-20 mils to a properly prepared deck. When the specified waterproofing membrane is used as a temporary waterproofing barrier the waterproofing membrane does not need to be removed prior to installation of the finished waterproofing system. An approved Primer will need to be applied to the approved deck prior to applying the temporary roofing/waterproofing barrier. Primer will be applied in between the existing temporary roofing/waterproofing barrier and finished roofing/waterproofing system after existing temporary barrier is clean, dry, and sound.

1.9 WARRANTY

A. Warranty: Provide manufacturer's standard warranty. Materials warranty shall be for a minimum of one year starting at the date of Substantial Completion. System warranty shall be for the following duration in accordance with specified system.

1. Warranty Length: 20 years.

PART 2 - PRODUCTS

2.1 MANUFACTURER

A. Basis-of-Design Manufacturer: Sika Corporation – Sikalastic -646 LoVOC Roof Coat, Premium Reemat (usa.sika.com)

B. Approved Manufacturers:

1. American Weatherstar –(americanweatherstar.com)
2. Tremco – (tremcoroofing.com)
3. Johns Manville – (jm.com/en/commercial-roofing)

2.2 WATERPROOFING SYSTEM

A. Fluid-Applied Membrane System, 20 Year Warranty: Basis of Design: Sikalastic -646 LoVOC Roof Coat, Premium Reemat:

1. Base Layer: Sikalastic -646 LoVOC, 45 mils wet film thickness; 35 sf/gal coverage rate approx.
2. Top Layer: Sikalastic -646 LoVOC, 30 mils wet film thickness; 40 sf/gal coverage rate approx.

2.3 MEMBRANES AND COATINGS

A. Basis of Design is Base embedment coat with Reemat reinforcement shall be Sikalastic -646 LoVOC by Sika Corp, a single component, cold, fluid applied, polyurethane base coat membrane.

B. Basis of Design is Topcoat with Reemat reinforcement shall be Sikalastic -646 LoVOC by Sika Corp, a single component, cold, fluid applied, polyurethane topcoat membrane.

C. Liquid Property Requirements at 75 degrees f and 50% R.H.:

1. VOC, ASTM D2369-81: 38 g/l
2. Volume Solids, ASTM D2697: 89% minimum.

D. Film Physical Property Requirements:

1. Tensile Strength (Tension): ASTM D412: 700 psi
2. Elongation: ASTM D412 : MIN 250%.
3. Static Puncture Resistance, >55 lb/f
4. Solar Reflectance Index: ASTM C1549: 108 (white)

2.4 MEMBRANE REINFORCEMENT - FIBERGLASS

A. Basis of Design of Reinforcement for the waterproofing membrane system shall be Sika Reemat Premium by Sika Corp, a conformable, random strand fiberglass mat specifically designed to provide greater impact resistance and greater resistance to excessive thermal and structural movement while maintaining elasticity and membrane film integrity.

B. Basis of Design for Supplemental reinforcement of the waterproofing membrane system shall be Sika Joint Tape SA by Sika Corp, a nylon mesh specifically designed for local reinforcement of the waterproofing membrane at structural cracks, expansion joints and transitions between dissimilar materials, a self-adhering polymeric rubberized tape with woven polyester facer.

2.5 FILLET BEAD AND PENETRATION SEALANT

A. Basis of Design of Sealant for fillet bead applications and membrane penetrations shall be Sikaflex 11FC by Sika Corp., a one-part polyurethane sealant suitable for fillet bead transition compound to be applied prior to the installation of the membrane system at changes in substrate direction, sealing reglet terminations, cracks in the substrate and penetrations of the waterproofing system.

B. Basis of Design for Exposed finish sealant shall be Sikaflex Hyflex 150 LM by Sika Corp., a one-part low modules hybrid sealant OR Sikasil WS-295. A one-part, low-modulus, weather sealing, silicone sealant suitable for finishing terminations at saw cuts and all UV exposed sealant terminations. SikaHyflex-150 LM is also suitable for fillet bead transition, changes in substrate direction, cracks in the substrate and penetrations of the roof before installation of the RoofPro membrane system.

2.6 PRIMERS / RUST INHIBITOR

A. General: Basis of Design for Receiving surfaces of primer shall be Sikalastic EP Primer/Sealer or Sikalastic Primer EP Rapid, a two-component, cyclo-aliphatic, amine cured material with a high level of corrosion resistance for metal, modified bitumen surfaces, and chemically treated wood.

B. Rusted Metal: Clean, wire brush all loose rust and apply either aluminum surface wear coating or a rust inhibitor.
   1. Aluminum Surface Wear Coating: Has an inherent rust inhibitor and may be used as a rust inhibitor/primer over metal surfaces.
      a. Apply at a minimum rate of 8 dry mil. (3/4) gal. / 100 sq. ft.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that surfaces and conditions are ready to accept the Work of this section. Notify Architect in writing of any discrepancies. Commencement of the Work in an area shall indicate Installer's acceptance of the substrate.

B. Surfaces shall be sound, dry, clean, and free of oil, grease, dirt, excess mortar or other contaminants. Fill voids, gaps, and spalled areas in substrate to provide an even plane. Strike masonry joints full flush.

3.2 SURFACE PREPARATION

A. Verify that the deck is clean and smooth, free of depressions, waves, or projections, and properly sloped to drains, valleys, eaves, scuppers, or gutters. Verify that all openings or penetrations through the intended substrate are secured back to solid blocking. Ensure all preparatory Work is complete prior to applying membrane.

B. Mechanical fasteners used roof decking or penetration flashing and shall be set flush with sheathing and fastened into solid backing.

C. All surfaces shall be blown clean using best methods to remove any remaining loose debris.

D. All cracks and voids greater than 0.040 inches shall be routed and caulked with a polyurethane sealant. Allow to cure per waterproofing membrane manufacturer's technical data sheets prior to over-coating with the specified waterproofing membrane system.

E. At all inside corners, gaps, or voids at the juncture of the deck and penetrations apply a minimum 3/4-inch fillet bead of polyurethane sealant and allow to cure per waterproofing membrane manufacturer's technical data sheets prior to installing the waterproofing membrane system.

F. At all moving cracks, moving joints between dissimilar materials, and similar conditions, create a minimum 1-inch-wide bond break utilizing bond breaker tape, centered over the crack or joint.

G. Membrane terminations shall be established prior to project start-up and documented in shop drawings. Terminations shall occur in raked-out mortar joints, saw cut terminations or under installed counter-flashing materials.

H. Use tape lines to achieve a straight edge detail. Remove tape while application is still wet for clean lines.

3.3 SUBSTRATE PREPARATION

A. Existing substrate is Metal Roof Panels over structural steel.

B. Metal Decking:

1. Metal profile decks shall be sound and secured to purlins, bar joists, etc.
2. Tighten and/or replace all existing fasteners.
3. Metal profile repairs shall be completed with like in kind material.

C. Metal Surfaces:

1. Aluminum, galvanized, cast iron, copper, lead, brass, stainless steel, zinc.
2. Surface evaluation and field adhesion is recommended.
3. Exposed drain bowls, pipes, and other metal surfaces shall be cleaned by power tool cleaning (SSPC SP-11) to remove corrosion deposits back to a clean, bright metal followed by a solvent wipe prior to application of the specified primer.

3.4 PRIMING

A. Metal:

1. Prior to coating any surface, be sure the coating will adhere by performing an adhesion test (ASTM D-903). Coating may be applied by brush, roller, or airless spray equipment. Do not apply when temperatures are below 41 °F (5 °C) or when precipitation is in the forecast within 24 hours.
2. Mix and apply specified primer for specified surfaces by brush or roller at the application rate shown on the technical data sheet. Porous, rough or absorbent surfaces will decrease coverage rates.
   Allow to cure and dry in accordance with manufacturer's technical data sheets

3.5 MEMBRANE REINFORCEMENT

A. Reinforcement of Cracks, Base/Curb Flashing Transitions and Dissimilar Materials:

1. For all locations where the specified coating system is to be applied directly to the substrate surface, provide reinforcement of cracks, joints, seams, and transitions of dissimilar material prior to applying the specified coating system
2. For all moving cracks and joints, create a minimum 1 inch wide bond break centered over the crack or joint by applying bond break tape centered over each crack or joint.
3. For all non-moving cracks and joints, rout and seal with Sikaflex® sealant.
4. For all horizontal-to-vertical 90° transitions, provide a ¾" x ¾" Sikaflex® polyurethane sealant cant.
5. For all roofing lap seams, locally reinforced with 3" wide Sika Flexitape Heavy set in a base coat of Sikalastic®-646 Lo-VOC.
6. Apply Sikalastic®-646 Lo-VOC reinforced with Sika Flexitape Heavy. Back roll reinforcement to fully embed Sika Flexitape Heavy into the wet liquid polyurethane membrane. Add more liquid membrane as needed to fully embed the reinforcement.

7. Always start with details Sikalastic®-646 Lo-VOC reinforced with Sika Reemat Premium. Round projections, machine legs, signposts, guide wire straps, inside and outside, corners, gutters, parapet walls, penetrations and similar areas should be flashed. Repair any damaged metal and caulk and seal watertight all screws, seams, transitions, terminations, penetrations, skylights, joints, pipes, voids, protrusions and any area where water could enter through the roof.
8. On metal roofs with standing seams, apply Sikalastic®-646 Lo-VOC with Sika Flexitape Heavy or Sika Joint Tape SA sealing them completely.
9. Fully reinforce all prepped and primed surfaces with Sika Reemat Premium.
10. Ensure reinforcement is not in tension during embedment.

3.6 COLD FLUID APPLIED MEMBRANE APPLICATION

A. Install waterproofing membrane system in accordance with current technical data sheets and in accordance with warranty guideline requirements.

1. Apply Sikalastic®-646 Lo-VOC with Sika Reemat Premium reinforcement according to the rates listed in Section 2.2 for the agreed upon system length. Coating may be applied by brush, roller, or airless spray equipment. Do not apply when temperatures are below 41 °F (5 °C) or when precipitation is in the forecast within 24 hours.
2. Allow reinforced base coat to cure before applying top coat.
3. If any coat is left exposed for more than 7 days, use Sikalastic Concrete Primer Lo-VOC or Sikalastic® Recoat Primer, and allow to cure before applying the subsequent coat.
4. Protection: After completion of application, do not allow traffic on coated surfaces for a period of at least 48 hours at 75° F and 50% R.H., or until completely cured. In areas where the roof is subject to foot traffic, it is recommended to apply walkway pads for added protection and slip resistance. Make certain that all walking pads are appropriately and adequately secured.

3.7 PARAPET AND WALL FLASHINGS

A. Clean, prepare and prime flashing substrate surfaces ready to receive membrane flashing applications.

B. All parapet, wall, and curb 90° flashings shall be provided with a sealant cant bead of Sikaflex-11 FC and all cold joints reinforced with Sikalastic®-646 Lo-VOC reinforced with Sika Flexitape Heavy then continue to base coat application.

C. Terminate roofing/waterproofing membrane system at raked-out mortar joints, termination saw cut joint, or under installed counter-flashing materials. Then, seal all termination joints with Sikaflex®- 1A or Sikasil® WS-295 Silicone Sealant.

D. Install metal counter flashings in accordance with project details.

3.8 DRIP EDGES AND OTHER METAL FLANGED FLASHING

A. Clean, prepare and prime metal flange surfaces ready to receive membrane flashing applications.

B. Metal flanges are typically encapsulated between two or three coating layers. The full specified system is applied beneath the metal flange and a top coat applied over the metal flange embedded in Sika Flexitape Heavy.

3.9 GUTTERS

A. Clean, prepare and prime surfaces ready to receive membrane applications. Block gutter opening to avoid waterproofing material from entering the drainage system.

B. Extend the liquid waterproofing material and membrane reinforcement directly into the surfaces of the prepared gutters.

C. Remove drain blocks and allow the waterproofing system to fully cure dry prior to re-connecting the gutter assembly.

3.10 PENETRATIONS

A. Clean, prepare and prime surfaces ready to receive membrane flashing applications. Ensure that penetrations are secured to prevent movement.

B. Apply Sikalastic®-646 Lo-VOC reinforced with Sika Flexitape Heavy or Sika Reemat Premium, around all roof penetrations.

3.11 EXPANSION JOINTS

A. Clean, prepare and prime surfaces ready to receive membrane flashing applications.

B. Expansion joints shall be sealed with a compressible filler such as batt insulation to prevent condensation and to provide support for the flashing bellows.

3.12 APPLICATION OF PENETRATION SEALANT

A. Seal reglet-based membrane terminations, heads of exposed mechanical fasteners, around penetrations, duct work, electrical and other apparatus extending through the roofing/waterproofing membrane with specified penetration sealant, typically Sikaflex-1A.

3.13 PROTECTION

A. Protect waterproofing Work from other trades until completion.

B. Stage materials in such a manner that avoids foot traffic over completed waterproofed areas.

C. Provide temporary walkways and platforms to protect completed Work from traffic and point loading during the application process.

D. Provide temporary membrane tie-ins and water-stops at the end of each workday and remove prior to commencement of Work the following day.

3.14 AGGREGATE SURFACING

A. Apply aggregate surfacing as specified for adhesion key or for protective layer. DO NOT BROADCAST SAND INTO TOPCOAT.

B. Apply an additional 15 wet mil layer of resin to cured waterproofing membrane as soon as membrane can be walked on without damage.

C. Non-Skid Finish - Broadcast kiln-dried sand to refusal into the wet resin layer and allow to cure. Remove all loose sand/aggregate. Apply an additional 15 wet mil layer of resin to seal kiln-dried sand.

3.15 CLEAN-UP

A. Work areas are to be kept clean, clear, and free of debris at all times.

B. Do not allow trash, waste, and/or debris to collect on the work area. Trash, waste, and/or debris shall be removed from the work area on a daily basis.

C. All tools and unused materials shall be collected at the end of each workday and stored properly off of the finished waterproofed surface and protected from exposure to the elements.

D. Dispose of or recycle all trash and excess material in a manner conforming to current EPA regulations and local laws.

E. Properly clean the finished deck surface after completion, and make sure the drains and gutters are not clogged.

F. Clean and restore all damaged surfaces to their original condition.

END OF SECTION 071400