Department of Public Works
Engineering Division
James M. Wolfe, P.E., City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
Phone: (608) 266-4751
Fax: (608) 264-9275
engineering@cityofmadison.com
www.cityofmadison.com/engineering

Assistant City Engineer
Bryan Cooper, AIA
Gregory T. Fries, P.E.
Chris Petykowski, P.E.

Deputy Division Manager
Kathleen M. Cryan

Principal Engineer 2
John S. Fahrney, P.E.
Janet Schmidt, P.E.

Principal Engineer 1
Mark D. Moder, P.E.
Andrew J. Zwieg, P.E.

Financial Manager
Steven B. Danner-Rivers

June 20, 2023

NOTICE OF ADDENDUM
ADDENDUM NO. 1

CONTRACT NO. 9326
Door Creek Park Shelter

This addendum is issued to modify, explain or correct the original Drawings, Specifications, or Contract Documents marked as ***Door Creek Park Shelter, City of Madison Project 14334, Contract #9326, as issued on May 12, 2023.*** This addendum is hereby made a part of the contract documents, represents clarifications of the previously released documents, consists of two (2) pages, and the referenced exhibits.

This addendum does not include a change to the bid due date.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

An electronic version of these documents can be found on the Bid Express website at
https://www.infotechinc.com/bidexpress/

If you are unable to download the plan revisions associated with the addendum please contact the Engineering office at 608-266-4751 to receive the material by another route.

For questions regarding this bid, contact:

William McMahon
City of Madison Engineering
Phone: 608-261-9654
Email: wmcmahon@cityofmadison.com

Sincerely,

Bryan Cooper For:
James M. Wolfe, P.E., City Engineer

Cc: Bryan Cooper

1. **GENERAL CONTRACT CONDITIONS**
   No additional changes to General Contract Conditions or Section D Special Provisions.

2. **GENERAL QUESTIONS/ANSWERS AND CLARIFICATIONS**
   There have been no general questions or document clarifications requested.

3. **ACCEPTABLE EQUIVALENTS**
   A. Water Softeners. Please add the following information to Specification 22 30 00, Part 2 – Products, Water Softeners, Manufacturers.
      1. Water Control Corporation
   B. Faucets and Flush Valves. Please add the following information to Specification 22 42 00, Part 2 – Products, Plumbing Fixtures, Faucets and Flush Valves.
      1. American Standard
   C. Lighting Fixtures. Please add the following information to Sheet E600, Lighting Fixture Schedule, Type SA, Acceptable Alternative Fixtures.
      1. Manufacturer: How Digital. Model No: HDL-PL4-40W-40K.

4. **SPECIFICATIONS**
   A. Specification Table of Contents – Add section 07 42 13.23 Metal Composite Material Wall Panels
   B. 07 41 13.16 Standing Seam Metal Roof Panels - Revised specification has been reprinted in its entirety.
   C. 07 42 13.23 Metal Composite Material Wall Panels –specification has been printed in its entirety.
   D. 31 20 00 Earth Moving, Part 2, Section 2.4 Topsoil, A, 1, a – Revised "Supplement with imported or manufactured topsoil from off-site sources when quantities are insufficient. Obtain topsoil displaced from naturally well-drained construction or mining sites where topsoil occurs at least **6-inchs deep**: do not obtain from agricultural land, bogs, or marshes."
   E. 31 20 00 Earth Moving, Part 2, Section 2.4 Topsoil, A, 2, a – Revised "Topsoil Depth for lawns and grasses: **6 inches required**."

5. **DRAWINGS**
   A. The following sheets have been added
      1. Sheet CP003
         - Site Restoration Plan
   B. The following sheets have been modified. Clouds and notes identify the changes on each sheet.
      1. Sheet C900
         - Detail 8: Infiltration Basin. Biodegradable mat revised to Urban Class I, Type A or B Erosion Matting for the storm water management area.
      2. Sheet A201
         - Change "Prefinished Aluminum Fascia" to "Prefinished Sheet Metal Fascia"
      3. Sheet A202
         - Change "Prefinished Aluminum Fascia" to "Prefinished Sheet Metal Fascia"
      4. Sheet A311
         - Change RA03 to RA01
      5. Sheet A314
         - Update Missing Keynote Numbers, revise keynote numbers on sheet, update keynote list changes resulting from repopulating blank keynotes
      6. Sheet A502
         - Change "Prefinished Aluminum…" to "Prefinished Sheet Metal…"

6. **PROPOSAL**
   There are no changes to the proposal page.

End of Contract 9326 Addendum 1

SECTION 07 41 13.16 - STANDING-SEAM METAL ROOF PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes prefinished standing-seam metal roof panels and accessories.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Sustainable Design Submittals:

1. Product Test Reports: For roof materials, documentation indicating that roof materials comply with Solar Reflectance Index requirements.
2. Product Data: For recycled content, indicating postconsumer and preconsumer recycled content and cost.

C. Shop Drawings: Include fabrication and installation layouts of metal panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment system, trim, flashings, closures, and accessories; and special details.

D. Furnish detailed drawings showing profile and gauge of exterior sheets, location and type of fasteners, location, gauges, shape and method of attachment of all trim locations and types of sealants, and any other details as may be required for a weather-tight installation.

E. Samples: For each type of metal panel and color indicated.

F. LEED Submittals

1. Product Test reports for Credit SS 7.2. For roof panels, indicating that the panels comply with Solar Reflective Index requirement
2. Product data for Credit MR 4.1 and credit MR 4.2: Indicating the percentages by weight of postconsumer and preconsumer recycled content for products having recycled content.

1.4 INFORMATIONAL SUBMITTALS

A. Product test reports.

B. Warranties: Sample of warranties

1.5 CLOSEOUT SUBMITTALS

A. Maintenance data.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

B. Weather Limitations: proceed with installation only when existing and forecasted weather conditions permit metal roof panel work to be performed.

C. Field Measurements: Verify actual dimensions of construction contiguous with metal roof panels by field measurements before fabrication.

1.7 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal panel systems that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Two years from date of Substantial Completion.

B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal panels that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Finish Warranty Period: 20 years from date of Substantial Completion.

C. Special Weathertightness Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace standing-seam metal roof panel assemblies that fail to remain weathertight, including leaks, within specified warranty period.

1. Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Recycled Content: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 20 percent.

B. Solar Reflectance Index (SRI): Three-year-aged SRI not less than [**64**] [**32**] or initial SRI not less than [**82**] [**39**] when calculated according to ASTM E 1980, based on testing identical products by a qualified testing agency.

C. Energy Performance: Provide roof panels that are listed on the EPA/DOE's ENERGY STAR "Roof Product List" for low /steep-slope roof products.

D. Energy Performance: Provide roof panels according to one of the following when tested according to CRRC-1:
   1. Three-year, aged solar reflectance of not less than 0.55 and emissivity of not less than 0.75
   2. Three-year, aged Solar Reflectance Index of not less than 64 when calculated according to ASTM E 1980.

E. Structural Performance: Provide metal panel systems capable of withstanding the effects of the following loads, based on testing according to ASTM E 1592:
   1. Wind Loads: As indicated on Drawings.
   2. Deflection Limits: For wind loads, no greater than 1/180 of the span.

F. Air Infiltration: Air leakage of not more than 0.06 cfm/sq. ft. (0.3 L/s per sq. m) when tested according to ASTM E 1680 or ASTM E 283 at the following test-pressure difference:
   1. Test-Pressure Difference: 1.57 lbf/sq. ft. (75 Pa)

G. Water Penetration: When tested per ASTM E-283/1680 and ASTM E-331/1646 there shall be no uncontrolled water penetration or air infiltration through the panel joints.

H. Hydrostatic-Head Resistance: No water penetration when tested according to ASTM E 2140.

I. Wind-Uplift Resistance: Roof System shall be designed to meet a UL Class 90 wind uplift in accordance with UL standard 580 and panel system shall be ASTM 1592 Tested and approved.

J. UL 2218 - Impact Resistance rated

K. FM Global Listing: Provide metal roof panels and component materials that comply with requirements in FM Global 4471 as part of a panel roofing system and that are listed in FM Global's "Approval Guide" for Class 1 or noncombustible construction, as applicable. Identify materials with FM Global markings.
   1. Fire/Windstorm Classification: Class 1A-90 (45lbs per sq ft roof wind uplift)
   2. Hail Resistance: SH (severe hail)

L. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
   1. Temperature Change (Range): **120 deg F (67 deg C)**, ambient; **180 deg F (100 deg C)**, material surfaces

2.2 STANDING-SEAM METAL ROOF PANELS (MT-1)

A. Vertical-Rib, Seamed-Joint, Standing-Seam Metal Roof Panels: Formed with vertical ribs at panel edges and a flat pan between ribs; designed for sequential installation by mechanically attaching panels to supports using concealed clips located under one side of panels, engaging opposite edge of adjacent panels, and mechanically seaming panels together.

B. General: Provide factory-formed metal roof panels designed to be installed by lapping and interconnecting raised side edges of adjacent panels with joint type indicated and mechanically attaching panels to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.
   1. Steel Panel Systems: Unless more stringent requirements are indicated, comply with ASTM E 1514.
   2. Aluminum Panel Systems: Unless more stringent requirements are indicated, comply with ASTM E 1637.

C. Standing-Seam Metal Roof Panels: Formed with vertical ribs at panel edges and a flat smooth pan between ribs; designed for sequential installation by mechanically attaching panels to supports using

   Basis of Design: PAC-CLAD Tite-Loc Panel, smooth panel Tite-Loc in 12" widths with 2" high seams that are mechanically seamed together @ 90 degrees.
   1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

      a. Advanced Architectural Products.
      b. AEP Span; A BlueScope Steel Company.
      c. Architectural Building Components.
      d. Architectural Metal Systems.

e. Berridge Manufacturing Company.
f. CENTRIA Architectural Systems.
g. Dimensional Metals, Inc.
h. Drexel Metals.
i. Englert, Inc.
j. Everlast Metals.
k. Fabral.
l. Garland Company, Inc. (The).
m. IMETCO.
n. MBCI.
o. McElroy Metal, Inc.
p. Merchant and Evans.
q. Metal Sales Manufacturing Corporation.
r. Morin - A Kingspan Group Company.
s. PAC-CLAD; Petersen Aluminum Corporation.
t. Ultra Seam Incorporated.
u. Union Corrugating Company.
v. VICWEST.

2. General: Provide factory-formed metal roof panels designed to be installed by lapping and interconnecting raised side edges of adjacent panels with joint type indicated and mechanically attaching panels to supports using concealed clips inside laps. Include clips, cleats, pressure plates and accessories required for a weathertight installation.
3. Panels to be designed for attachment with concealed fastener clips, spaced as required by the manufacturer to provide for both positive and negative design loads, while allowing for the expansion and contraction of the entire roof system resulting from variations in temperature.
4. Forming: Use continuous end rolling method. No end laps on panels. No portable rollforming machines will be permitted on this project, no installer-owned or installer-rented machines will be permitted. It is the intent of the Architect to provide Factory-Manufactured panel systems only for this project.
   a. Panels to be fabricated of 22 gage Steel
   b. Finish: Kynar 500 or Hylar 5000 Fluorocarbon coating with a top side film thickness of 0.70 to 0.90 mil over a 0.25 to 0.3 mil prime coat to provide a total dry film thickness of 0.95 to 1.25 mil, to meet AAMA 621. Bottom side shall be coated with a primer with a dry film thickness of 0.25 mil. Finish shall conform to all tests for adhesions, flexibility and longevity as specified by Kynar 500 or Hylar 5000 finish supplier.
   c. Color: Silver (Basis of Design PAC-CLAD) – Use for all trim and accessories labeled (MT-1)
   d. Texture: Smooth
5. Panel width: 12 inches O.C.
6. Panel Height: 2.0 inch high
7. Not acceptable: snap on standing seam panels

2.3 UNDERLAYMENT MATERIALS

A. Self-Adhering, High-Temperature Underlayment: Provide self-adhering, cold-applied, sheet underlayment, a minimum of 40 mils thick, consisting of slip-resistant, polyethylene-film top surface laminated to a layer of butyl or SBS-modified asphalt adhesive, with release-paper backing. Provide primer when recommended by underlayment manufacturer.

B. Underlayment shall be laid in horizontal layers with joints lapped toward the eaves a minimum of 6, and well secured along laps and at ends as necessary to properly hold the felt in place. All underlayment shall be preserved unbroken and whole.

C. Peel and Stick Underlayment shall lap all hips and ridges at least 12 to form double thickness and shall be lapped 6 over the metal of any valley or built-in gutters and shall be installed as required by the Standing Seam Panel Manufacturer to attain the desired 20 Year Weathertightness Warranty.
   1. Basis of Design: Carlisle WIP 300 HT High Temperature Protection Self Adhering Roofing Underlayment (Peel and Stick membrane)
   2. Thermal Stability: Stable after testing at 240 deg F (116 deg C); ASTM D 1970.
   3. Low-Temperature Flexibility: Passes after testing at minus 20 deg F (29 deg C); ASTM D 1970.
   4. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

a. Carlisle Residential; a division of Carlisle Construction Materials.
b. Drexel Metals.
c. GCP Applied Technologies Inc.
d. Henry Company.
e. Kirsch Building Products, LLC.
f. Owens Corning.

D. Felt Underlayment: ASTM D 226/D 22M, Type II (No. 30), asphalt-saturated organic felts.

E. Slip Sheet: Manufacturer's recommended slip sheet, of type required for application.

F. Sealants
1. Provide two-part polysulfide class B non-sag type for vertical and horizontal joints or
2. one part polysulfide not containing pitch or phenolic extenders or
3. Exterior grade silicone sealant recommended by roofing manufacturer or
4. One part non-sag, gun grade exterior type polyurethane recommended by the roofing manufacturer.

2.4 MISCELLANEOUS MATERIALS

A. Miscellaneous Metal Subframing and Furring: ASTM C 645; cold-formed, metallic-coated steel sheet, ASTM A 653/A 653M, G90 (Z275 hot-dip galvanized) coating designation or ASTM A 792/A 792M, Class AZ50 (Class AZM150) coating designation unless otherwise indicated. Provide manufacturer's standard sections as required for support and alignment of metal panel system.

B. Panel Accessories: Provide components required for a complete, weathertight panel system including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal panels unless otherwise indicated.
1. Closures: Provide closures at eaves and ridges, fabricated of same metal as metal panels.
2. Backing Plates: Provide metal backing plates at panel end splices, fabricated from material recommended by manufacturer.
3. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch- (25-mm-) thick, flexible closure strips; cut or premolded to match metal panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.

C. Flashing and Trim **(MT-1)**: Provide flashing and trim formed from same material as metal panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, eaves, rakes, corners, bases, framed openings, ridges, fasciae, and fillers. Finish flashing and trim with same finish system as adjacent metal panels.

D. Gutters and Downspouts: Formed from same material as roof panels according to SMACNA's "Architectural Sheet Metal Manual." Finish to match: Refer to Materials finish Schedule.

E. Roof Curbs: Fabricated from same material as roof panels, [**0.048-inch (1.2-mm)**] <**Insert dimension**> nominal thickness; with bottom of skirt profiled to match roof panel profiles and with welded top box and integral full-length cricket. Fabricate curb subframing of 0.060-inch- (1.52-mm-) nominal thickness, angle-, C-, or Z-shaped steel sheet. Fabricate curb and subframing to withstand indicated loads of size and height indicated. Finish roof curbs to match metal roof panels.

F. Panel Fasteners: Self-tapping screws designed to withstand design loads.

G. Panel Sealants: Provide sealant type recommended by manufacturer that are compatible with panel materials, are nonstaining, and do not damage panel finish.
1. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing; 1/2 inch (13 mm) wide and 1/8 inch (3 mm) thick.
2. Joint Sealant: ASTM C 920; as recommended in writing by metal panel manufacturer.
3. Butyl-Rubber-Based, Solvent-Release Sealant: ASTM C 1311.

2.5 FABRICATION

A. General: Fabricate and finish metal panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.

B. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.

C. Fabricate metal panel joints with factory-installed captive gaskets or separator strips that provide a weathertight seal and prevent metal-to-metal contact, and that minimize noise from movements.

D. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations and recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated.

PART 3 - EXECUTION

3.1 PREPARATION

A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages according to ASTM C 754 and metal panel manufacturer's written recommendations.

3.2 DELIVERY, STORAGE, AND HANDLING

A. Deliver components, sheets, metal roof panels and other manufactured items so as not to be damaged or deformed. Package metal roof panels for protection during transportation and handling.

B. Unload, store and erect metal roof panels in a manner to prevent bending, warping, twisting and surface damage.

C. Stack metal roof panels on platforms or pallets, covered with suitable weathertight and ventilated covering. Store metal roof panels to ensure dryness. Do not store metal roof panels in contact with other materials that might cause staining, denting or other surface damage.

D. Protect strippable protective coating on any metal coated product from exposure to sunlight and high humidity, except to the extent necessary for material installation.

3.3 UNDERLAYMENT INSTALLATION

A. Self-Adhering Sheet Underlayment: Apply primer if required by manufacturer. Comply with temperature restrictions of underlayment manufacturer for installation. Apply at locations indicated below wrinkle free, in shingle fashion to shed water, and with end laps of not less than 6 inches (152 mm) staggered 24 inches (610 mm) between courses. Overlap side edges not less than 3-1/2 inches (90 mm). Roll laps with roller. Cover underlayment within 14 days.

1. Apply over the entire roof surface.

B. Slip Sheet: Apply slip sheet over underlayment before installing metal roof panels.

C. Flashings: Install flashings to cover underlayment to comply with requirements specified in Section 076200 "Sheet Metal Flashing and Trim."

3.4 METAL PANEL INSTALLATION

A. Standing-Seam Metal Roof Panel Installation: Fasten metal roof panels to supports with concealed clips at each standing-seam joint at location, spacing, and with fasteners recommended in writing by manufacturer.

1. Install clips to supports with self-tapping fasteners.
2. Install pressure plates at locations indicated in manufacturer's written installation instructions.
3. Seamed Joint: Crimp standing seams with manufacturer-approved, motorized seamer tool so clip, metal roof panel, and factory-applied sealant are completely engaged.
4. Watertight Installation:
    a. Apply a continuous ribbon of sealant or tape to seal joints of metal panels, using sealant or tape as recommend in writing by manufacturer as needed to make panels watertight.
    b. Provide sealant or tape between panels and protruding equipment, vents, and accessories.
    c. At panel splices, nest panels with minimum 6-inch (152-mm) end lap, sealed with sealant and fastened together by interlocking clamping plates.

B. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.

C. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.

D. Panels shall be installed plumb and true in a proper alignment and in relation to the structural framing. The erector must have at least five years successful experience with similar applications.

E. Install metal panels, fasteners, trim and related sealants in accordance with approved shop drawings and as may be required for a weather-tight installation.

F. Remove all strippable coating and provide a dry-wipe down cleaning of the panels as they are erected.

3.5 CLEANING AND PROTECTION

A. Remove temporary protective coverings and strippable films, if any, as metal panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of metal panel installation, clean finished surfaces as recommended by metal panel manufacturer. Maintain in a clean condition during construction.

END OF SECTION 074113.16

SECTION 074213.23 - METAL COMPOSITE MATERIAL WALL PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes metal composite material wall panels.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: Include fabrication and installation layouts of metal composite material panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment assembly, trim, flashings, closures, and accessories; and special details.

C. Samples: For each type of metal composite material panel indicated.

1.3 INFORMATIONAL SUBMITTALS

A. Product test reports.

B. Warranties: Samples of special warranties.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance data.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by the manufacturer.

1.6 WARRANTY

A. Fabrication and Installation Warranty Period: One [1] year from date of Substantial Completion.

B. Finish Warranty: The aluminum composite material manufacturer shall warrant for a period of 30 years against Max 5 fade based on ASTM D2244 and Max 8 chalk based on ASTM D4212 and delamination of the paint finish.

PART 2 - PRODUCTS

2.1 METAL COMPOSITE MATERIAL WALL PANELS (MP-1)

A. Metal Composite Material Wall Panel Systems: Provide factory-formed and -assembled, metal composite material wall panels fabricated from two metal facings that are bonded to a solid, extruded thermoplastic core; formed into profile for installation method indicated. Include attachment assemblies components, panel stiffeners, and accessories required for weathertight system.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

    a. Alcoa Architectural Products (USA).
    b. Alcotex Inc.
    c. Alfrex - Unience USA, Inc.
    d. ALPOLIC Materials; Mitsubishi Plastics Composites America.
    e. ALUCOBOND; 3A Composites USA, Inc.
    f. Alucoil North America.
    g. CENTRIA Architectural Systems.
    h. Citadel Architectural Products, Inc.
    i. Firestone Metal Products, LLC.
    j. Protean Construction Products, Inc.
    k. SAF (Southern Aluminum Finishing Company, Inc.).

B. Aluminum-Faced Composite Wall Panels Formed with 0.020-inch- (0.50-mm-) thick, anodized aluminum sheet facings.

1. Panel Thickness: 0.157 inch (4 mm).
2. Core: **Fire retardant**.
3. Exterior Finish: **Two-coat fluoropolymer.**
4. Color: Colorweld 500 Classic Bronze

C. Attachment Assembly Components: Formed from extruded aluminum.
D. Attachment Assembly: Manufacturer's standard.

2.2 MISCELLANEOUS MATERIALS

A. Miscellaneous Metal Subframing and Furring: ASTM C 645, cold-formed, metallic-coated steel sheet ASTM A 653/A 653M, G90 (Z275 hot-dip galvanized) coating designation or ASTM A 792/A 792M, Class AZ50 (Class AZM150) aluminum-zinc-alloy coating designation unless otherwise indicated. Provide manufacturer's standard sections as required for support and alignment of metal composite material panel system.

1. Panel Accessories: Provide components required for a complete, weathertight panel system including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal composite material panels unless otherwise indicated.

B. Flashing and Trim: Provide flashing and trim formed from same material as metal composite material panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, bases, drips, sills, jambs, corners, endwalls, framed openings, rakes, fasciae, parapet caps, soffits, reveals, and fillers. Finish flashing and trim with same finish system as adjacent metal composite material panels.

C. Panel Fasteners: Self-tapping screws designed to withstand design loads. Provide exposed fasteners with heads matching color of metal composite material panels by means of plastic caps or factory-applied coating. Provide EPDM or PVC sealing washers for exposed fasteners.

D. Panel Sealants: ASTM C 920; as recommended in writing by metal composite material panel manufacturer. Provide sealant types recommended by manufacturer that are compatible with panel materials, are nonstaining, and do not damage panel finish.

2.3 FABRICATION

A. General: Fabricate and finish metal composite material panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.

B. Fabricate metal composite material panel joints with factory-installed captive gaskets or separator strips that provide a weathertight seal and prevent metal-to-metal contact, and that minimize noise from movements.

C. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations and recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated.

2.4 FINISHES

A. Panels and Accessories:

1. Two-Coat Fluoropolymer: AAMA 2605. Fluoropolymer finish containing not less than 70 percent 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. Three-Coat Fluoropolymer: AAMA 2605. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in both color coat and clear topcoat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

PART 3 - EXECUTION

3.1 PREPARATION

A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages according to ASTM C 754 and metal composite material panel manufacturer's written recommendations.

3.2 METAL COMPOSITE MATERIAL PANEL INSTALLATION

A. Attachment Assembly, General: Install attachment assembly required to support metal composite material wall panels and to provide a complete weathertight wall system, including subgirts, perimeter extrusions, tracks, drainage channels, panel clips, and anchor channels.

1. Include attachment to supports, panel-to-panel joinery, panel-to-dissimilar-material joinery, and panel-system joint seals.

B. Installation: Attach metal composite material wall panels to supports at locations, spacings, and with fasteners recommended by manufacturer to achieve performance requirements specified.

1. Wet Seal Systems: Seal horizontal and vertical joints between adjacent metal composite material wall panels with sealant backing and sealant. Install sealant backing and sealant according to requirements specified in Section 079200 "Joint Sealants."

2. Dry Seal Systems: Seal horizontal and vertical joints between adjacent metal composite material wall panels with manufacturer's standard gasket system.

3. Rainscreen Systems: Do not apply sealants to joints unless otherwise indicated.

C. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.

D. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that are permanently watertight.

3.3 CLEANING

A. Remove temporary protective coverings and strippable films, if any, as metal composite material panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of metal composite material panel installation, clean finished surfaces as recommended by metal composite material panel manufacturer. Maintain in a clean condition during construction.

END OF SECTION 074213.23

LEGEND

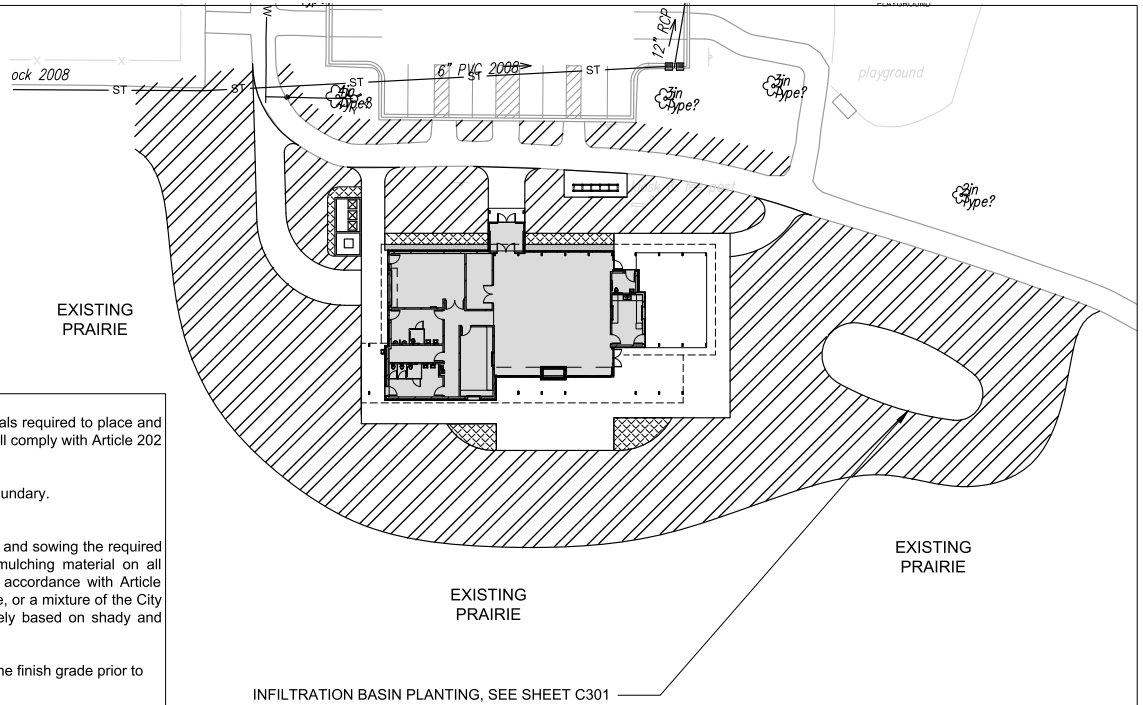
TOPSOIL, LAWN SEEDING, AND EROSION MATTING

PREPARED LANDSCAPE BED

NOTES

1. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES, STRUCTURES, CURB, LAWN, PAVEMENT, ETC. DAMAGED THROUGH CONSTRUCTION ACTIVITIES AT THEIR OWN EXPENSE.

2. THERE ARE MULTIPLE UNDERGROUND UTILITIES IN THE PROJECT AREA. THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE PRIOR TO COMMENCING WORK.



TOPSOIL

Work under this item shall include all necessary work, labor and incidentals required to place and distribute **six (6) inches** of topsoil to meet proposed grades. Topsoil shall comply with Article 202 of the Standard Specifications.

Stripped topsoil can be stockpiled on site within the construction fence boundary.

LAWN SEEDING

Work under this bid item shall consist of preparing seed beds, furnishing and sowing the required seed, furnishing and applying the required stabilizers, fertilizer, and mulching material on all disturbed areas including areas damaged by construction activities, in accordance with Article 207 of the Standard Specifications. Seed mixture shall be either in whole, or a mixture of the City of Madison sun terrace mix and shade terrace mix applied appropriately based on shady and sunny areas of the site.

Contractor to note - the Engineer shall be called to inspect and approve the finish grade prior to seeding and mulching.

Contractor is responsible for obtaining seed bed germination per Article 207 of the Standard Specifications, regardless of site conditions.

EROSION MATTING, CLASS I, URBAN TYPE A

Work under this item shall include all work, materials, labor and incidentals necessary to install Erosion Matting, Class I, Urban Type A on all seeded disturbed areas as noted in the plans.

Work under this bid item shall be as set forth in the latest edition of the Standard Specifications, except the Contractor shall note that special care with anchorage devices shall be required so as to not injure park users. Anchorage devices for the mat are required to be a product identified on the Wisconsin Department of Transportation Erosion Control Product Acceptability List (PAL) under the category of “Anchoring Devices for Erosion Matting, Class I, Urban Type A”.

Anchorage devices shall be completely biodegradable. Photobiodegradable or metal anchorage devices shall not be allowed. Materials deemed to present a hazard from splintering or spearing shall not be approved, including solid wood devices.

Erosion Matting, Class I, Urban Type A shall be installed correctly with correct anchorage, staple pattern, and overlap. To verify the staple pattern, the Contractor shall provide to the Engineer a manufacturer's recommended staple pattern for the type of matting installed.

Trimming of the Erosion Matting, Class I, Urban Type A required to accommodate existing tree locations shall be considered incidental to this bid item.

PREPARED LANDSCAPE BED

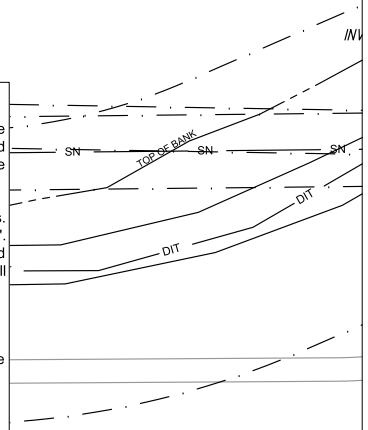
Planting bed areas shall be excavated to a minimum depth of 18" below finish grade elevation. All construction debris and/or aggregate material shall be removed from excavated areas. Bottom of excavated areas shall be scarified, loosened and aerating to provide sufficient drainage into the existing subgrade.

The excavated area shall be backfilled per Section 209.5(a) of the Standard Specifications. Backfill material shall topsoil free of stones, sticks, trash roots or other debris larger than 3/4". Soil shall be placed in successive lifts no thicker than 6" and compacted with hand-operated equipment to a maximum dry density of 65 percent. Over compaction of backfill material shall be corrected by loosening fill through tilling or other means.

New planting beds shall have shovel edge in areas not bound by concrete curb.

Excavation, planting bed soil procurement, soil placement and shovel edging shall be incidental to this bid item.

Plant material installation BY OTHER.



ARO EBERLE ARCHITECTS

433 W Washington Ave
Suite 400, Madison, WI
53703

(608) 204-7464
AroEberle.com

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK SHELTER

7035 LITTLEMORE DR,MADISON, WI 53703

SITE RESTORATION PLAN

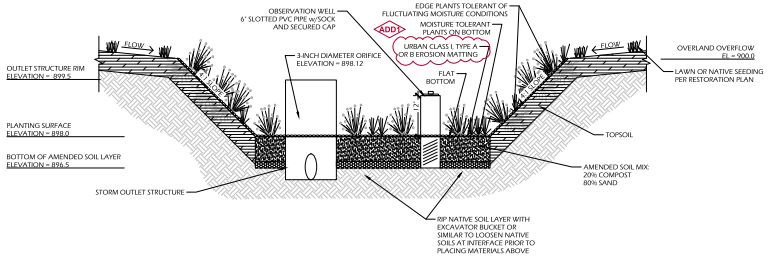
CONSTRUCTION DOCUMENTS	
Project number	MSN-20-01
Date	05/10/2023

CP 003

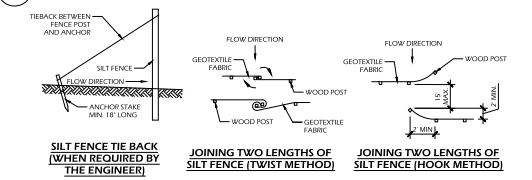
INFILTRATION BASIN NOTES:

1. CONSTRUCT PER WDNR STORMWATER TECHNICAL STANDARD 1003: INFILTRATION BASIN.
2. INFILTRATION BASIN MUST BE CONSTRUCTED AND ALLOWED TO REACH SUBSTANTIAL GROWTH PRIOR TO CONNECTING PROPOSED ROOF DRAINS.
3. RESTORE WITH NATIVE SEEDING MIX ON BOTTOM AND INTERIOR SIDES OF BASIN AT A RATE OF 1/4LB PER 1,000SF. SEED MIX SHALL INCLUDE A MIX OF AT LEAST 15 WILDFLOWER AND GRASS SPECIES SELECTED FROM THE CITY OF MADISON'S RAIN GARDEN PLANT LIST. FINAL SEED MIX TO BE SUBMITTED AND APPROVED BY OWNER.
4. NO EQUIPMENT MAY BE DRIVEN OVER THE PROPOSED INFILTRATION AREA DURING GENERAL CONSTRUCTION OR CONSTRUCTION OF THE INFILTRATION FACILITY. INFILTRATION BASIN MUST BE HAND OR BACKHOE EXCAVATED AND LAID TO AVOID COMPACTION.
5. COMPACTION MITIGATION WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE IF AVOIDABLE COMPACTION OCCURS WITHIN STORMWATER MANAGEMENT AREAS (i.e. VEHICULAR TRAFFIC, EQUIPMENT TRAFFIC, STOCKPILES, ETC.).
6. THE CONTRACTOR IS REQUIRED TO PROVIDE QUALIFIED STAFF FOR INSPECTION, OBSERVATION, AND VERIFICATION OF THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FEATURES IF REQUIRED BY LOCAL OR STATE ORDINANCES.

INFILTRATION BASIN PARAMETERS	
TOP OF POND AREA	2870 sf
PONDING DEPTH	0.12
FLAT BOTTOM PLANTING AREA	1170 sf
AMENDED SOIL BOTTOM AREA	1170 sf



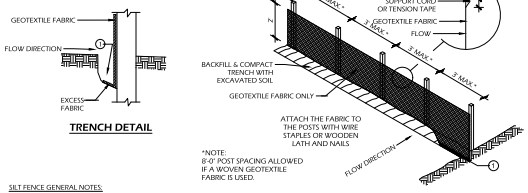
8 INFILTRATION BASIN
C900 SCALE: NTS



SILT FENCE TIE BACK (WHEN REQUIRED BY THE ENGINEER)

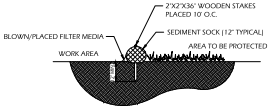
JOINING TWO LENGTHS OF SILT FENCE (TWIST METHOD)

JOINING TWO LENGTHS OF SILT FENCE (HOOK METHOD)

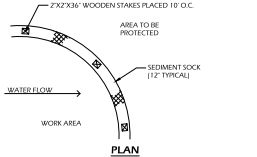


TRENCH DETAIL

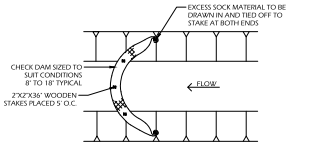
*NOTE:
8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.



SECTION



PLAN



SILT FENCE GENERAL NOTES:

1. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
2. WOOD POSTS SHALL BE A MINIMUM SIZE OF 3" LENGTH OF OAK OR HICKORY
3. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS
4. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS.
5. 8' OF FENCE FABRIC REQUIRED BELOW GRADE IN TRENCH PER DNR TECH STD. 1056
6. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WisDOT PRODUCT ACCEPTABILITY LIST (PAL) MAY BE SUBSTITUTED.
7. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
8. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"X4".
9. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD AND TECHNICAL SPECIFICATIONS.
10. CROSS BRACE WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.
11. MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.
12. WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C. (TYPE B)
13. GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. (TYPE A)
14. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.28 LBS./LIN. FT. (WITHOUT ANCHOR) FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
15. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE. BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: A.) TWIST METHOD – OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES. B.) HOOK METHOD – HOOK THE END OF EACH SILT FENCE LENGTH.

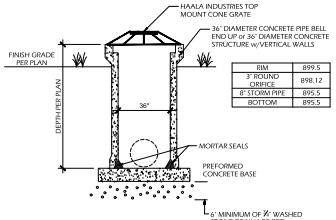
SILT FENCE

SEDIMENT SOCK NOTES:

1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ½ THE HEIGHT OF THE CHECK DAM.
3. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
4. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
5. COMPOST MATERIAL TO BE DISPERSED ON SITE. AS DETERMINED BY ENGINEER.

SEDIMENT SOCK

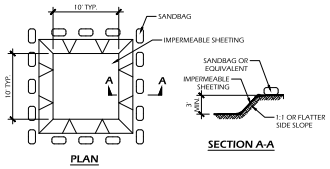
7 SILT FENCE OR SEDIMENT SOCK
C900 SCALE: NTS



RIM	899.5
3" ROUND ORIFICE	898.12
8" STORM PIPE	895.5
BOTTOM	895.5

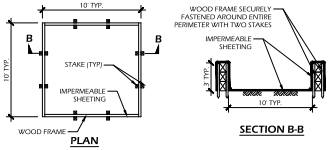
PROFILE VIEW

6 INFILTRATION BASIN OUTLET STRUCTURE
C900 SCALE: NTS



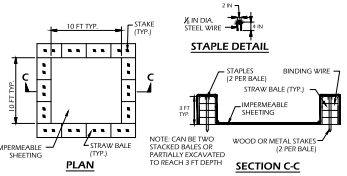
PLAN **SECTION A-A**

EXCAVATED WASHOUT STRUCTURE



PLAN **SECTION B-B**

WASHOUT STRUCTURE WITH WOOD PLANKS



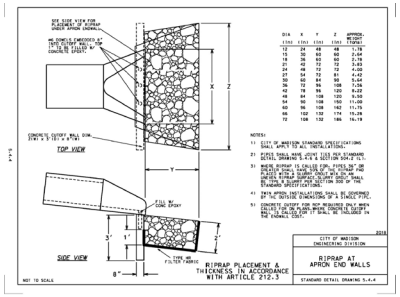
PLAN NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH **SECTION C-C**

WASHOUT STRUCTURE WITH STRAW BALES

CONSTRUCTION SPECIFICATIONS

1. TEMPORARY CONCRETE WASHOUT STRUCTURE SHALL BE USED TO WASH DOWN CONCRETE TRUCK CHUTES AND OTHER EQUIPMENT AFTER USE TO PREVENT WASHDOWN WATER FROM POLLUTING THE SITE.
2. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
3. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
4. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
5. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
6. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

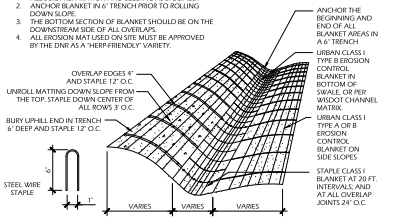
5 ONSITE CONCRETE WASHOUT STRUCTURE
C900 SCALE: NTS



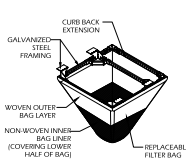
4 APRON ENDWALL w/RIPRAP PAD
C900 SCALE: NTS

NOTES

1. PREPARE SOIL BEFORE INSTALLING BLANKET INCLUDING ALL SOIL PREPARATION AND SEEDING AS SPECIFIED.
2. ANCHOR BLANKET IN 6" TRENCH PRIOR TO ROLLING DOWN SLOPE.
3. THE BOTTOM SECTION OF BLANKET SHOULD BE ON THE DOWNSTREAM SIDE OF ALL OVERLAPS.
4. ALL EROSION MAT USED ON SITE MUST BE APPROVED BY THE DNR AS A "HERP-FRIENDLY" VARIETY.



3 EROSION MAT
C900 SCALE: NTS

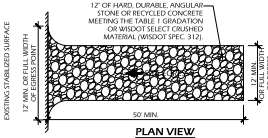


RIGID FRAME INLET PROTECTION

INLET PROTECTION NOTES:

1. INSTALL PER WDNR STORM WATER CONSTRUCTION TECHNICAL STANDARD 1060.
2. ROUTINELY INSPECT FOR INTEGRITY AND NEEDED MAINTENANCE.
3. EMPTY SEDIMENT WHEN THE BAG IS HALF FULL OR SEDIMENT IS WITHIN 6 INCHES OF THE OVERFLOW HOLES, OR AS DIRECTED BY THE OWNER OR A/E.
4. IMMEDIATELY REMOVE ANY SEDIMENT FALLING INTO THE INLET DURING MAINTENANCE ACTIVITIES.
5. INLET PROTECTION SHALL BE REMOVED AFTER THE SITE HAS ACHIEVED 80% STABILIZATION OR AT THE END OF THE PROJECT.

2 INLET PROTECTION - RIGID FRAME
C900 SCALE: NTS



PLAN VIEW **PROFILE VIEW**

TABLE 1 AGGREGATE GRADATION	
SIEVE SIZE	PERCENT PASSING BY WEIGHT
3"	100
2 1/2"	90 - 100
1 1/2"	25 - 60
3/4"	0 - 20
3/8"	0 - 5

OPERATION & MAINTENANCE:

1. MONITOR TRACKING PADS FOR COMPACTION, SOIL DEPOSITS, AND MIXING OF UNDERLYING SOILS AND STONE LAYERS.
2. MAINTAIN A LOOSENED, ROUGH SURFACE BY SCRAPING, LOOSENING, OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
3. REPLACE GEOTEXTILE AND STONE IF LESS-INTENSIVE MAINTENANCE EFFORTS FAIL TO REESTABLISH EFFECTIVENESS.
4. ADD STONE AS NEEDED TO MAINTAIN THE MINIMUM PAD THICKNESS.
5. REPLACE DAMAGED OR CRUSHED CULVERTS UNDER TRACKING PAD.

1 STONE TRACKING PAD
C900 SCALE: NTS

ARO EBERLE ARCHITECTS
116 King St, Suite 202 (608) 204-7464
Madison, WI 53703 AroEberle.com

PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison,WI 53717
608.203.8203

No.	Description	Date
1	ADDENDUM # 1	06-20-23

CITY OF MADISON

DOOR CREEK PARK SHELTER

MADISON, WI 53703

CONSTRUCTION DETAILS

FOR CONSTRUCTION

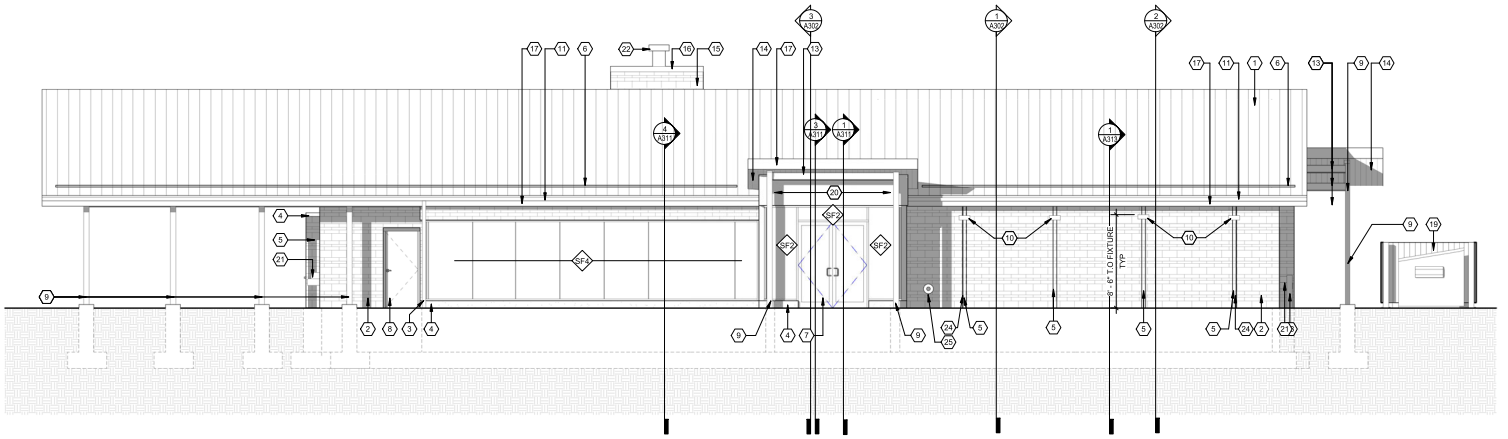
Project number	MSN-20-01
Date	05-10-2023

C900

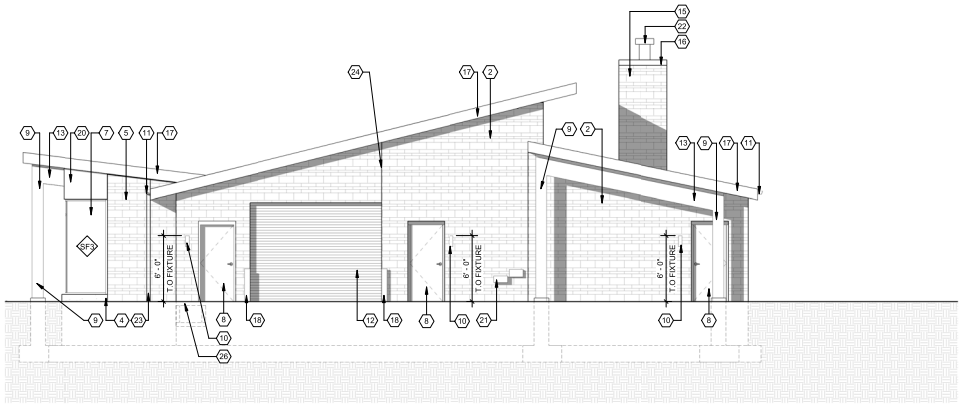
ARO EBERLE
ARCHITECTS

433 W Washington Ave
Suite 400, Madison, WI
53703

(608) 204-7464
AroEberle.com



1 **NORTH ELEVATION**
3/16" = 1'-0"



2 **WEST ELEVATION**
3/16" = 1'-0"

KEYED NOTES

1	METAL STANDING SEAM ROOF - MT-1
2	VARYING HEIGHT BRICK FACADE - BR-1, BR-2, SEE 5/5A504 FOR TYPICAL COURSING
3	METAL DOWNSPOUT - COLOR TO MATCH MT-1
4	CAST STONE
5	VARYING HEIGHT BRICK FACADE - BR-2, SEE 5/5A504 FOR TYPICAL COURSING
6	CONTINUOUS RAIL SNOW GUARD
7	INSULATED STOREFRONT SYSTEM - DARK BRONZE
8	INSULATED HOLLOW METAL DOOR - COLOR TO MATCH PT-3
9	PAINTED STEEL COLUMNS - PT-4B
10	BUILDING MOUNTED EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS, TYP.
11	METAL GUTTER - COLOR TO MATCH MT-1
12	INSULATED SECTIONAL OVERHEAD DOOR, COL TO MATCH PT-3
13	PAINTED STEEL BEAMS - PT-4B
14	TONGUE AND GROOVE WOOD DECKING
15	STACKED STONE, ST-1
16	METAL COPING, COLOR TO MATCH MT-1
17	PREFINISHED SHEET METAL FASCIA, COLOR TO MATCH MT-1
18	HEAVY DUTY BOLT DOWN BOLLARDS
19	TRASH AND MECHANICAL ENCLOSURE
20	COMPOSITE METAL PANEL - MP-1 (DARK BRONZE)
21	DRINKING FOUNTAIN
22	TERMINATION CAP
23	RECESSED PREFINISHED METAL DOWN SPOUT, COLOR TO MATCH MT-1
24	MOVEMENT JOINT
25	FIRE DEPARTMENT CONNECTION
26	UNDERGROUND PRECAST CONCRETE UTILITY TRENCH WITH CONCRETE COVER, COORDINATE WITH STRUCTURAL

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON

DOOR CREEK PARK SHELTER

7035 LITTLEMORE DR,MADISON, WI 53703

EXTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS

Project number	MSN-20-01
Date	01/19/2023

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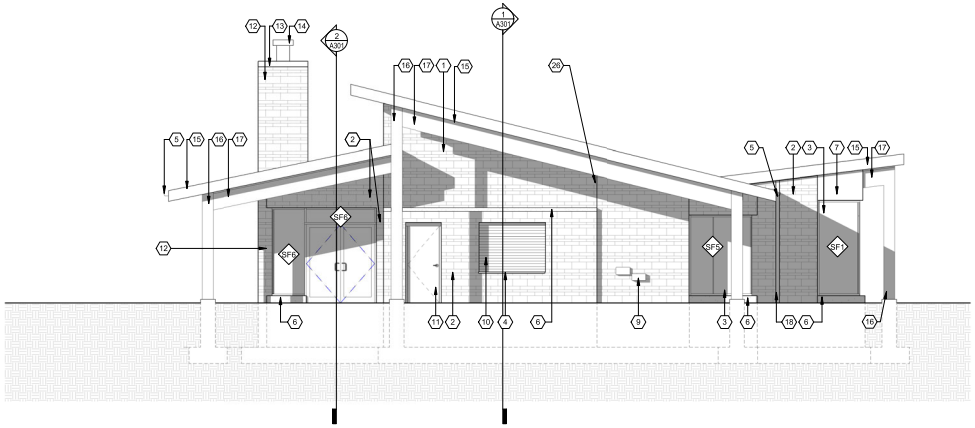
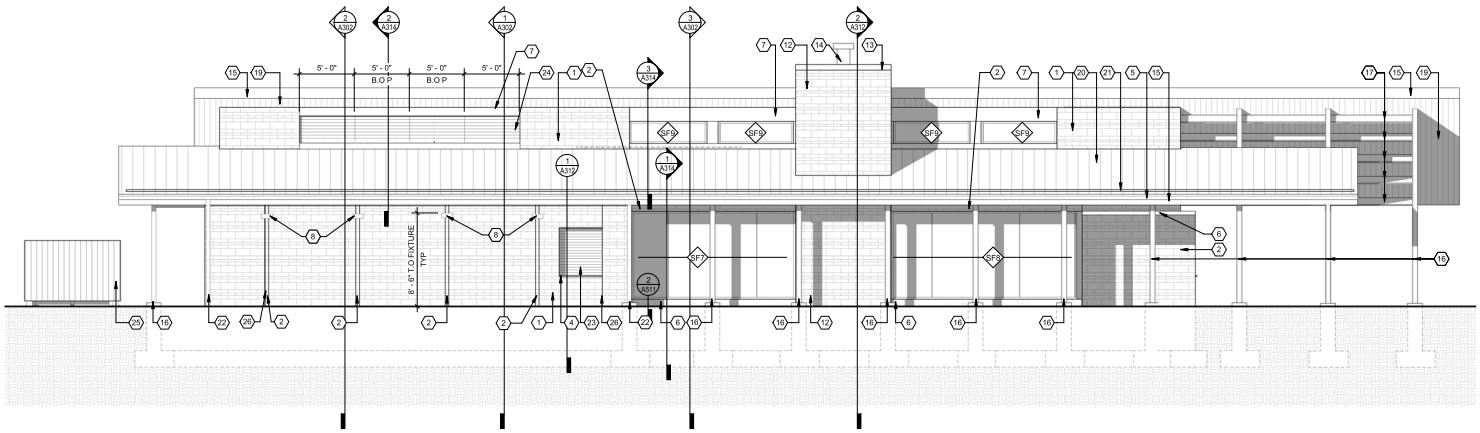


1 **EAST ELEVATION**
3/16" = 1'-0"

KEYED NOTES	
1	VARYING HEIGHT BRICK FACADE - BR-1, BR-2, SEE 5/5A504 FOR TYPICAL COURSING
2	VARYING HEIGHT BRICK FACADE - BR-2, SEE 5/5A504 FOR TYPICAL COURSING
3	INSULATED STOREFRONT SYSTEM - DARK BRONZE
4	STAINLESS STEEL THROUGH COUNTER TOP
5	METAL GUTTER - COLOR TO MATCH MT-1
6	CAST STONE
7	COMPOSITE METAL PANEL - MP-1 (DARK BRONZE)
8	BUILDING MOUNTED EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS, TYP.
9	DRINKING FOUNTAIN
10	INSULATED COILING DOOR - COLOR TO MATCH PT-3
11	INSULATED HOLLOW METAL DOOR - COLOR TO MATCH PT-3
12	STACKED STONE, ST-1
13	METAL COPING, COLOR TO MATCH MT-1
14	TERMINATION CAP
15	PREFINISHED SHEET METAL FASCIA, COLOR TO MATCH MT-1
16	PAINTED STEEL COLUMNS - PT-4B
17	PAINTED STEEL BEAMS - PT-4B
18	RECESSED PREFINISHED METAL DOWN SPOUT, COLOR TO MATCH MT-1
19	TONGUE AND GROOVE WOOD DECKING
20	METAL STANDING SEAM ROOF - MT-1
21	CONTINUOUS RAIL SNOW GUARD
22	METAL DOWNSPOUT - COLOR TO MATCH MT-1
23	INSULATED COILING COUNTER DOOR
24	METAL LOUVER WITH INSULATION AND INSECT SCREEN, COLOR TO MATCH MP-1 (DARK BRONZE), COORDINATE DUCT LOCATION WITH MECHANICAL (SEE ELEVATION FOR BLANK-OFF PANEL LOCATION)
25	TRASH AND MECHANICAL ENCLOSURE
26	MOVEMENT JOINT



2 **SOUTH ELEVATION**
3/16" = 1'-0"

ARO EBERLE
ARCHITECTS

433 W Washington Ave
Suite 400, Madison, WI
53703

(608) 204-7464
AroEberle.com

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON

DOOR CREEK PARK SHELTER

7035 LITTLEMORE DR,MADISON, WI 53703

EXTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS

Project number	MSN-20-01
Date	01/19/2023

A202

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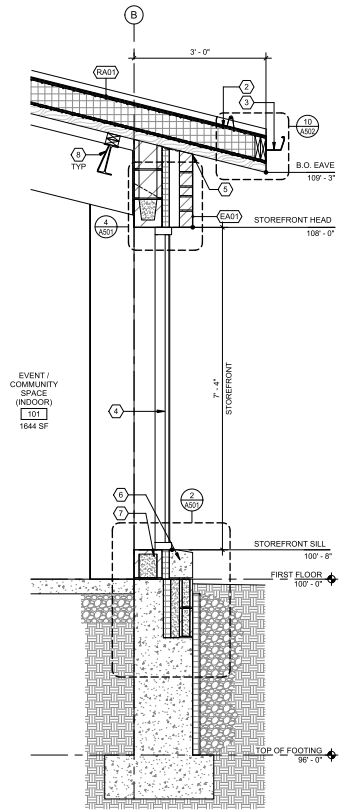
KEYED NOTES	
1	FOOTING AND FOUNDATIONS PER STRUCTURAL DRAWINGS
2	CONTINUOUS RAIL SNOW GUARD
3	METAL GUTTER - COLOR TO MATCH MT-1
4	INSULATED STOREFRONT SYSTEM - DARK BRONZE
5	BACKER ROD AND SEALANT, TYP
6	CAST STONE SILL
7	BURNISHED BLOCK SILL
8	BIRD PREVENTION 1/8" STEEL PLATE WELDED TO THE INSIDE OF WIDE FLANGE

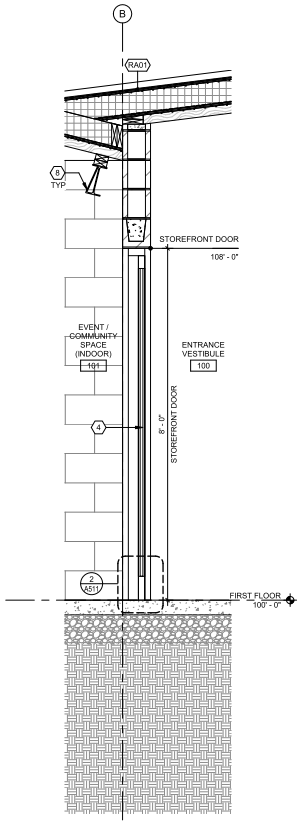
ARO EBERLE
ARCHITECTS

433 W Washington Ave
Suite 400, Madison, WI
53703

(608) 204-7464
AroEberle.com



4 **WALL SECTION**
3/4" = 1'-0"



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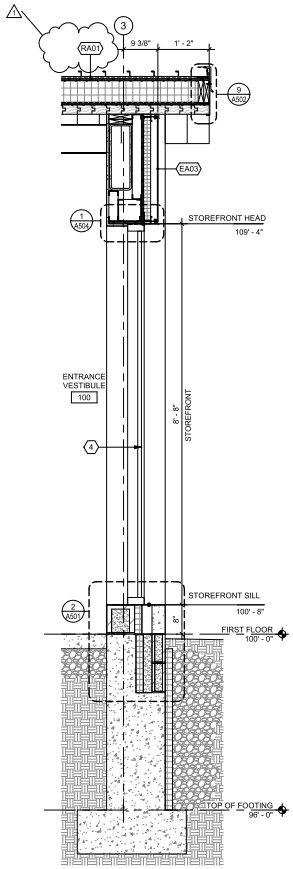
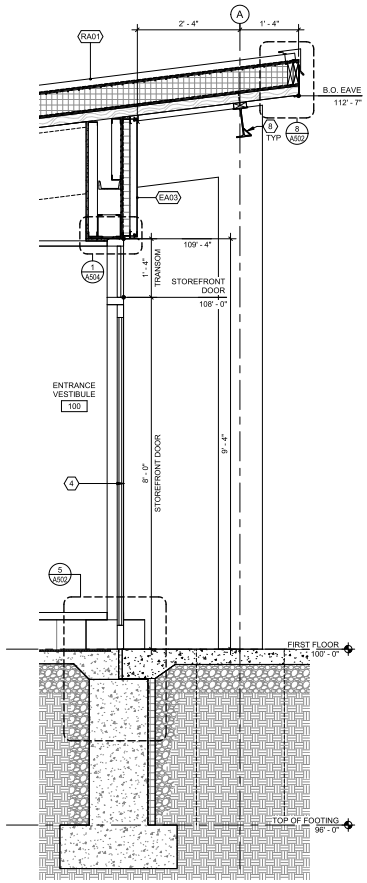


2 **WALL SECTION**
3/4" = 1'-0"



1 **WALL SECTION**
3/4" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON

DOOR CREEK PARK SHELTER

7035 LITTLEMORE DR,MADISON, WI 53703

WALL SECTIONS

CONSTRUCTION DOCUMENTS	
Project number	MSN-20-01
Date	01/19/2023

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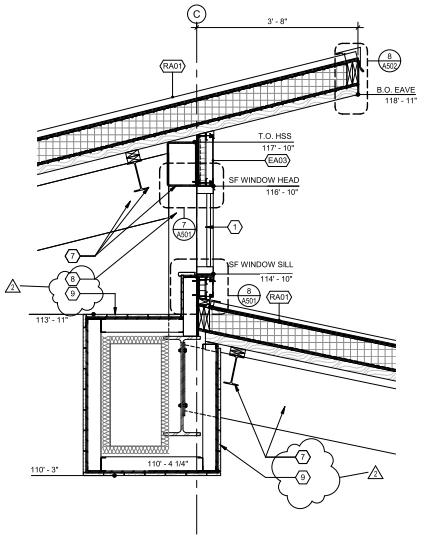
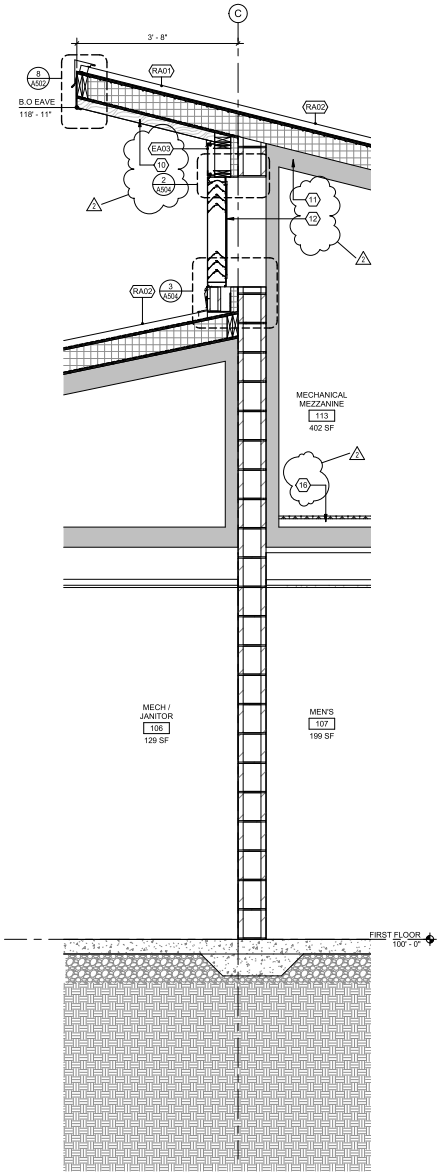
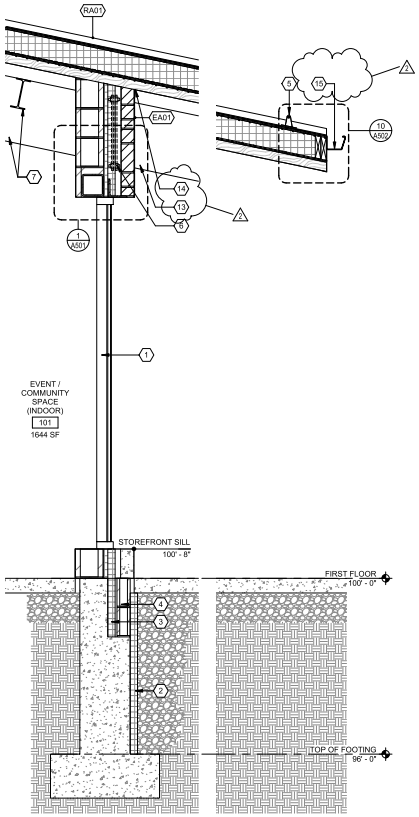


3 CLERESTORY WINDOW WALL SECTION
3/4" = 1'-0"



2 WALL SECTION
3/4" = 1'-0"

KEYED NOTES	
1	INSULATED STOREFRONT SYSTEM
2	2" RIGID FOUNDATION INSULATION
3	CONTINUE 2" RIGID FOUNDATION BELOW GRADE TO BRICK LEDGE
4	4" CMU GROUTED SOLID
5	CONTINUOUS RAIL SNOW GUARD
6	THERMAL SPLICE WHERE BEAMS PENETRATE THE EXTERIOR WALL, TYP. - SEE STRUCTURAL
7	PAINTED STRUCTURAL BEAMS, PT-4
8	PAINTED STRUCTURAL COLUMNS, PT-4
9	3/4" THICK WOOD DECKING OVER 1/2" PLYWOOD, 3 5/8" METAL STUDS
10	TONGUE AND GROOVE WOOD DECKING
11	SEE STRUCTURAL FOR ROOF TRUSS FRAMING DETAILS
12	METAL LOUVER WITH INSULATION AND INSECT SCREEN, COLOR TO MATCH MP-1 (DARK BRONZE), COORDINATE DUCT LOCATION WITH MECHANICAL (SEE ELEVATION FOR BLANK-OFF PANEL LOCATION)
13	PAINTED STEEL BEAMS - PT-4B
14	BACKER ROD AND SEALANT, TYP.
15	METAL GUTTER - COLOR TO MATCH MT-1
16	2 X 5/8" PLYWOOD ON TRUSS BELOW, SEE STRUCTURAL



1 WALL SECTION
3/4" = 1'-0"

ARO EBERLE
ARCHITECTS

433 W Washington Ave
Suite 400, Madison, WI
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(608) 204-7464
AroEberle.com

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23
2	ADDENDUM 1	06/20/2023

CITY OF MADISON

DOOR CREEK PARK SHELTER

7035 LITTLEMORE DR,MADISON, WI 53703

WALL SECTIONS

CONSTRUCTION DOCUMENTS	
Project number	MSN-20-01
Date	01/19/2023

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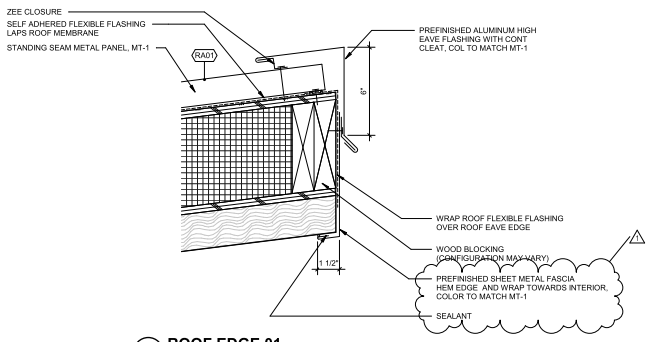
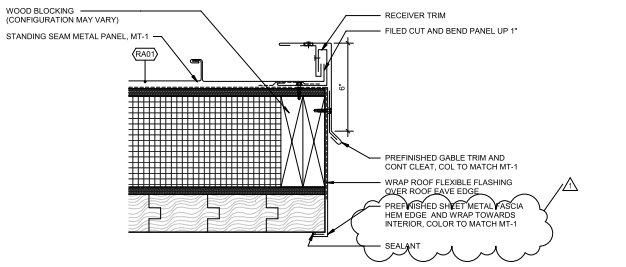


8 ROOF EDGE 01
3" = 1'-0"



9 ROOF EDGE 02
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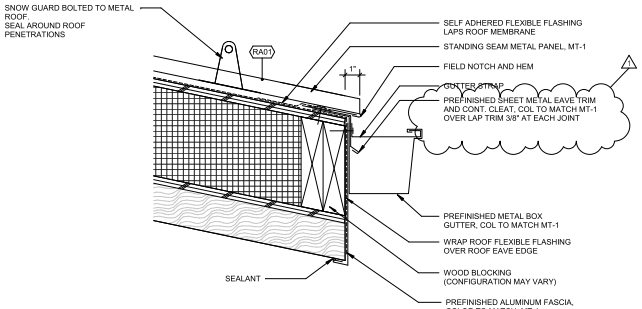
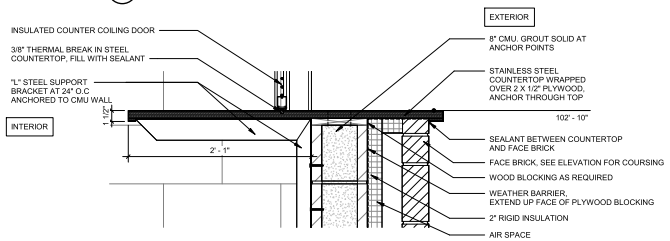
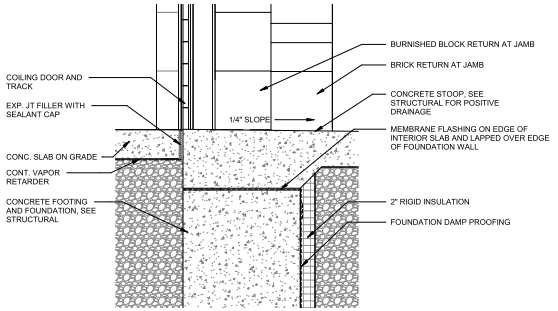


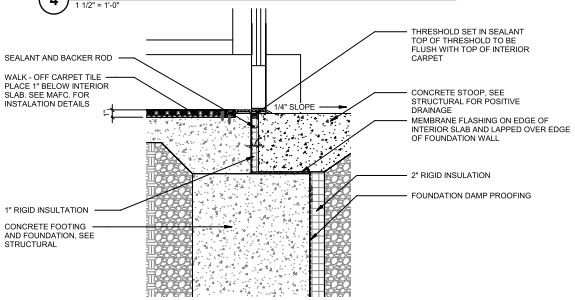
10 ROOF EDGE 03
3" = 1'-0"



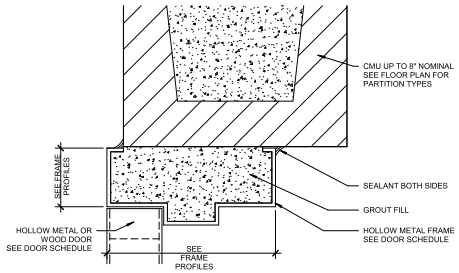
11 COILING DOOR COUNTER SILL
1 1/2" = 1'-0"



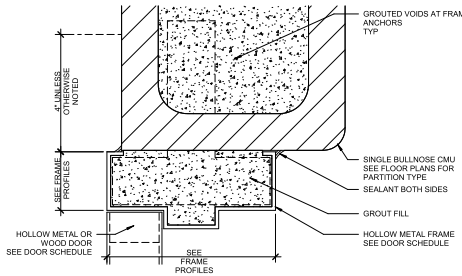
4 OVERHEAD THRESHOLD DETAIL
1 1/2" = 1'-0"



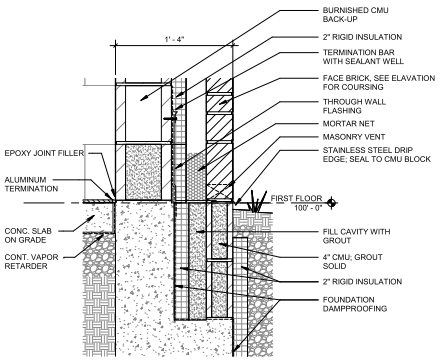
5 DOOR THRESHOLD DETAIL
1 1/2" = 1'-0"



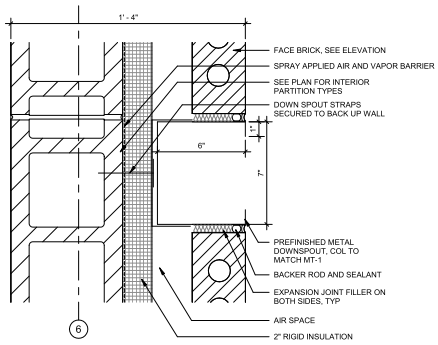
6 HM DOOR HEAD DETAIL AT CMU
6" = 1'-0"



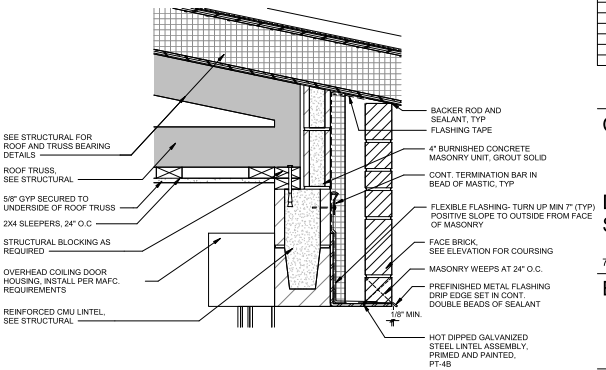
7 HM DOOR JAMB DETAIL AT CMU
6" = 1'-0"



1 BRICK BASE DETAIL AT GRADE
1 1/2" = 1'-0"



2 RECESSED DOWNSPOUT DETAIL
3" = 1'-0"



3 COILING DOOR AT HEAD
1 1/2" = 1'-0"

ARO EBERLE ARCHITECTS
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EXTERIOR DETAILS

CONSTRUCTION DOCUMENTS
Project number MSN-20-01
Date 01/19/2023

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