## General Notes

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **boldface** font. Detail components by others are indicated in *gray font*. Install components per manufacturer and project specific requirements.

   *Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

## List of Drawings

### Window Details at Masonry Cladding

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<thead>
<tr>
<th>Drawing</th>
<th>Description</th>
<th>Cladding Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWM-001</td>
<td>Window Head Detail</td>
<td>Masonry Cladding</td>
</tr>
<tr>
<td>PWM-002</td>
<td>Window Jamb Detail</td>
<td>Masonry Cladding</td>
</tr>
<tr>
<td>PWM-003</td>
<td>Window Sill Detail</td>
<td>Masonry Cladding</td>
</tr>
<tr>
<td>PWM-003 (3D-1)</td>
<td>Window Flashing Sequence</td>
<td>Sheet-Applied Flashing</td>
</tr>
<tr>
<td>PWM-003 (3D-2)</td>
<td>Sheet-Applied Flashing Prestrip</td>
<td></td>
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### Base of Wall Details at Masonry Cladding

<table>
<thead>
<tr>
<th>Drawing</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PWM-004</td>
<td>Base-of-Wall Detail</td>
<td>Masonry Cladding</td>
</tr>
<tr>
<td>PWM-004 (ALT 1)</td>
<td>Base-of-Wall Detail [Alternate 1]</td>
<td>Masonry Cladding</td>
</tr>
<tr>
<td>PWM-004 (ALT 2)</td>
<td>Base-of-Wall Detail [Alternate 2]</td>
<td>Masonry Cladding</td>
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</tbody>
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### Ledger Details at Masonry Cladding

<table>
<thead>
<tr>
<th>Drawing</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PWM-005</td>
<td>Floor Line Detail</td>
<td>Masonry Cladding</td>
</tr>
<tr>
<td>PWM-006A</td>
<td>Masonry Anchor Detail</td>
<td>CMU Substrate</td>
</tr>
<tr>
<td>PWM-006B</td>
<td>Masonry Anchor Detail</td>
<td>Framed Substrate</td>
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### Parapet Details at Masonry Cladding

<table>
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<tbody>
<tr>
<td>PWM-007</td>
<td>Parapet Detail</td>
<td>Masonry Cladding</td>
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### Expansion and Control Joint Details

<table>
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<tr>
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<th>Description</th>
<th>Cladding Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWM-008</td>
<td>Expansion Joint Detail</td>
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</tr>
<tr>
<td>PWM-009</td>
<td>Control Joint Detail</td>
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### Window Details at Non-Masonry Cladding

<table>
<thead>
<tr>
<th>Drawing</th>
<th>Description</th>
<th>Cladding Type</th>
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</thead>
<tbody>
<tr>
<td>PWM-010</td>
<td>Window Head Detail</td>
<td>Non-Masonry Cladding</td>
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<tr>
<td>PWM-011</td>
<td>Window Jamb Detail</td>
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<tr>
<td>PWM-012</td>
<td>Window Sill Detail</td>
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### Non-Masonry Cladding Details

<table>
<thead>
<tr>
<th>Drawing</th>
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<th>Cladding Type</th>
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<tbody>
<tr>
<td>PWM-013</td>
<td>Floor Line Detail</td>
<td>Non-Masonry Cladding</td>
</tr>
<tr>
<td>PWM-014</td>
<td>Concrete Stem Wall Detail</td>
<td>Non-Masonry Cladding</td>
</tr>
<tr>
<td>PWM-015</td>
<td>Base-of-Wall Detail At Grade</td>
<td>Non-Masonry Cladding</td>
</tr>
<tr>
<td>PWM-016</td>
<td>Base-of-Wall Detail</td>
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<tr>
<td>PWM-017</td>
<td>Inside Corner Detail</td>
<td>Non-Masonry Cladding</td>
</tr>
<tr>
<td>PWM-017 (ALT)</td>
<td>Inside Corner Detail [Alternate]</td>
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<tr>
<td>PWM-018</td>
<td>Outside Corner Detail</td>
<td>Non-Masonry Cladding</td>
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<tr>
<td>PWM-018 (ALT)</td>
<td>Outside Corner Detail [Alternate]</td>
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<tr>
<td>PWM-019</td>
<td>Knifeplate Penetration Detail</td>
<td>Non-Masonry Cladding</td>
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<tr>
<td>PWM-020</td>
<td>Penetration Details</td>
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### Curtainwall Details at Non-Masonry Cladding

<table>
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<tr>
<th>Drawing</th>
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</tr>
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<tbody>
<tr>
<td>PWM-021</td>
<td>Curtainwall Head Detail</td>
<td>Non-Masonry Cladding</td>
</tr>
<tr>
<td>PWM-022</td>
<td>Curtainwall Jamb Detail</td>
<td>Non-Masonry Cladding</td>
</tr>
<tr>
<td>PWM-023</td>
<td>Curtainwall Sill Detail</td>
<td>Non-Masonry Cladding</td>
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</tbody>
</table>

### Deflection Joint

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PWM-024</td>
<td>Deflection Joint</td>
<td>Non-Masonry Cladding</td>
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**List of Drawings**

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<td>Perm-A-BARRIER® Wall Membrane</td>
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<td>PWM-001</td>
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<td>PWM-002</td>
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<td>PWM-003</td>
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<td>PWM-004</td>
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<td>PWM-006</td>
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<td>PWM-008</td>
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<td>PWM-010</td>
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3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.
*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

LEGEND
1. PERM-A-BARRIER® WALL MEMBRANE
2. MASONRY ANCHOR DETAILING (SEE DRAWING PWM-006)
3. BITUTHENE MASTIC, BITUTHENE LIQUID MEMBRANE, OR GCP APPROVED SEALANT - 1-INCH TROWELED BEAD
4. PERM-A-BARRIER® WALL FLASHING (STAR CUT AT BOLT) - PRIME SUBSTRATE WHERE REQUIRED
5. MORTAR COLLECTION MESH
6. MASONRY WEEP/VENT
7. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHENE LIQUID MEMBRANE
8. CONTINUOUS SHELF ANGLE SUPPORT PER STRUCTURAL
9. SHEET METAL FLASHING PER ARCH
10. PERM-A-BARRIER® SELF-ADHERED FLASHING*

WINDOW HEAD DETAIL - MASONRY CLADDING
PERM-A-BARRIER® WALL MEMBRANE

DRAWING: PWM-001
SCALE: 3" = 1'
EFFECTIVE DATE: 2020.05.21
SUPERCEDES: NEW
GENERAL NOTES

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
OPTION 1

1. NON-FLANGED WINDOW SYSTEM
2. INTERIOR AIR SEALANT OVER BACKER ROD
3. SHEET METAL FLASHING SANDWICHED BETWEEN INTERMITTENT SHIMS
4. PERM-A-BARRIER® SELF-ADHERED FLASHING*
5. PERM-A-BARRIER® WALL MEMBRANE
6. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHENE LIQUID MEMBRANE

SEE DETAIL OPTIONS (RIGHT)

OPTION 2

GENERAL NOTES

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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
1. SHEATHING SUBSTRATE

2. PERM-A-BARRIER® DETAIL MEMBRANE, NPS DETAIL MEMBRANE, ALUMINUM FLASHING, OR WALL FLASHING - PRIME SUBSTRATE WHERE REQUIRED; SEE PWM-003 (3D-2)

3. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHENE LIQUID MEMBRANE - 1-INCH TROWELED BEAD

4. PERM-A-BARRIER® WALL MEMBRANE

5. WINDOW PER ARCH

GENERAL NOTES

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*Refer to air barrier system product data sheet for acceptable self-adhered flashing products.

NOTE

- CONTINUOUS AIR AND WATER SEAL AT PERIMETER OF FENESTRATION, FENESTRATION ATTACHMENT, AND DRAINAGE OF ROUGH OPENING TO BE PER PROJECT SPECIFIC REQUIREMENTS
- SEAL ALL NON-WATER SHEDDING EDGES WITH ACCEPTABLE SEALANT
- OPTIONAL: WINDOW FLASHING SEQUENCE CAN BE COMPLETED AFTER FIELD APPLICATION OF PERM-A-BARRIER® WALL MEMBRANE

DRAWING: PWM-003 (3D-1)

SCALE: 3" = 1'

EFFECTIVE DATE: 2020.05.21

SUPERCEDES: NEW

WINDOW FLASHING SEQUENCE - SHEET APPLIED FLASHING

PERM-A-BARRIER® WALL MEMBRANE
**WINDOW PRESTRIP VARIATIONS**

A. WITHOUT BACK DAM ANGLE

**STEP 3**

**STEP 2**

**STEP 1**

SEE DETAIL A (RIGHT)

B. WITH BACK DAM ANGLE

**STEP 3**

**STEP 2**

**STEP 1**

SEE DETAIL B (RIGHT)

**LEGEND**

- WINDOW PRESTRIP PERM-A-BARRIER® DETAIL MEMBRANE, NPS DETAIL MEMBRANE, ALUMINUM FLASHING, OR WALL FLASHING
- PRIME SUBSTRATE WHERE REQUIRED

**DETAIL A**

CORNER PATCHES INSTALLED AT TOP AND BOTTOM CORNERS OF JAMB FLASHING - CENTER PATCH AT CORNER PRESS INTO CORNER TO CREATE TIGHT SEAL AND PREVENT PATCH FROM BRIDGING AT ALL 90 DEGREE SUBSTRATE ANGLE CHANGES.

**DETAIL B**

BACK DAM ANGLE HEIGHT PER ARCH TYPICAL SILL PRESTRIP CORNER DETAILING AT SILL BACK DAM ANGLE CORNER PATCH (SEE DETAIL A)

**FOLDING TEMPLATE**

LAP BACK FLAP OF SILL CORNER PIECE OF END DAM BACK DAM ANGLE HEIGHT PER ARCH CUT LINES SHOWN DASHED FOLD LINES SHOWN SOLID

**GENERAL NOTES**

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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

**DRAWING:** PWM-003 (3D-2)

**SCALE:** 3" = 1'

**EFFECTIVE DATE:** 2020.05.21

**SUPERCEDES:** NEW
GENERAL NOTES

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LEGEND
1. PERM-A-BARRIER® WALL MEMBRANE
2. MASONRY ANCHOR DETAILING (SEE DRAWING PWM-006)
3. BITUTHENE MASTIC, BITUTHENE LIQUID MEMBRANE, OR GCP APPROVED SEALANT - 1-INCH TROWELED BEAD
4. PERM-A-BARRIER® WALL FLASHING - PRIME SUBSTRATE WHERE REQUIRED
5. SHEET METAL FLASHING PER ARCH
6. GROUT SOLID TO HEIGHT OF CURB - SLOPE TOP
7. BELOW GRADE WATERPROOFING SYSTEM - SEE GCPAT.COM
8. MASONRY WEEP/VENT

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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
1. PERM-A-BARRIER® WALL MEMBRANE
2. MASONRY ANCHOR DETAILING (SEE DRAWING PWM-006)
3. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHENE LIQUID MEMBRANE - 1-INCH TROWELED BEAD
4. MORTAR COLLECTION MESH
5. PERM-A-BARRIER® WALL FLASHING, PRIME SUBSTRATE WHERE REQUIRED
6. CONTINUOUS SHELF ANGLE SUPPORT PER STRUCTURAL
7. SHEET METAL FLASHING PER ARCH

GENERAL NOTES
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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

SEE PWM-005 (OPTION 2) FOR 2D DETAIL
GENERAL NOTES

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

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*Refer to air barrier system product data sheet for acceptable **SELF-ADHERED FLASHING** products.

~NOTE~
- ALL CMU JOINTS TO BE STRUCK FULL AND FLUSH

LEGEND

1. PERM-A-BARRIER® WALL MEMBRANE
2. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHENE LIQUID MEMBRANE FILLET SURROUNDING WIRE TIE PENETRATION

PERM-A-BARRIER® WALL MEMBRANE

MASTERY ANCHOR DETAIL - CMU SUBSTRATE

DRAWING: PWM-006A
SCALE: 3" = 1'
EFFECTIVE DATE: 2020.05.21
SUPERCEDES: NEW
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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

NOTE

- CONSULT GCP & ROOFING MANUFACTURER FOR COMPATIBILITY AND CONNECTION AT ROOF INTERFACE
GENERAL NOTES

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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

**NOTES**

- WIDTH OF THE INVERTED STRIP SHALL BE TWICE THE WIDTH OF THE EXPANSION JOINT TO ACCOMMODATE MOVEMENT - ALL SEAMS, OVERLAPS, JOINTS, AND EDGES SEALED WITH S100
- MAXIMUM 4 INCH WIDE JOINT CAPABLE OF A MAXIMUM 50% MOVEMENT IN COMPRESSION AND ELONGATION
- CLADDING AND CLOSURE BY OTHERS NOT SHOWN FOR CLARITY

**LEGEND**

1. COMPRESSIBLE JOINT FILLER - MAXIMUM 4-INCH WIDE JOINT CAPABLE OF A MAXIMUM 50% MOVEMENT IN COMPRESSION AND ELONGATION
2. PERM-A-BARRIER® SELF-ADHERED FLASHING*
3. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHENE LIQUID MEMBRANE - 1-INCH TROWELED BEAD
4. PERM-A-BARRIER® WALL MEMBRANE
5. PERM-A-BARRIER® SELF-ADHERED FLASHING* INVERTED STRIP

**EXPANSION JOINT DETAIL - MASONRY CLADDING**

PERM-A-BARRIER® WALL MEMBRANE

**DRAWING:** PWM-008

**SCALE:** 3" = 1'

**EFFECTIVE DATE:** 2020.05.21

**SUPERCEDES:** NEW
1. BACKER ROD AND COMPATIBLE SEALANT
2. PERM-A-BARRIER® WALL MEMBRANE

GENERAL NOTES
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.
2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.
3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING® products.

NOTE
- MAX 1/2-INCH JOINT CAPABLE OF MAXIMUM 10% MOVEMENT IN COMPRESSION AND ELONGATION

CONTROL JOINT DETAIL - MASONRY CLADDING
PERM-A-BARRIER® WALL MEMBRANE

DRAWING: PWM-009
SCALE: 3” = 1’
EFFECTIVE DATE: 2020.05.21
SUPERCEDES: NEW
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
GENERAL NOTES

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

OPTION 1

1. NON-FLANGED WINDOW SYSTEM
2. INTERIOR AIR SEALANT OVER BACKER ROD
3. SHEET METAL FLASHING SANDWICHED BETWEEN INTERMITTENT SHIMS
4. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHÈNE LIQUID MEMBRANE • 1-INCH TROWELED BEAD
5. PERM-A-BARRIER® SELF-ADHERED FLASHING*
6. PERM-A-BARRIER® WALL MEMBRANE
7. CLADDING ATTACHMENT - CONFIRM DETAILING REQUIREMENTS WITH THE GCPAT REPRESENTATIVE

OPTION 2

SEE DETAIL OPTIONS [RIGHT]
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY FONT**. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

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**FLOOR LINE DETAIL - NON-MASONRY CLADDING**

**PERM-A-BARRIER® WALL MEMBRANE**

**DRAWING:** PWM-013

**SCALE:** 3" = 1'

**EFFECTIVE DATE:** 2020.05.21

**SUPERCEDES:** NEW
1. PERM-A-BARRIER® WALL MEMBRANE
2. CLADDING ATTACHMENT - CONFIRM DETAILING REQUIREMENTS WITH THE GCPAT REPRESENTATIVE
3. BITUTHENE MASTIC, BITUTHENE LIQUID MEMBRANE, OR GCP APPROVED SEALANT - 1-INCH TROWELED BEAD
4. PERM-A-BARRIER® SELF-ADHERED FLASHING*
5. TWO-PIECE SHEET METAL FLASHING PER ARCH

GENERAL NOTES
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.
2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.
3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

NOTE
- CONFIRM MAXIMUM SERVICE TEMPERATURE OF PERM-A-BARRIER PRODUCTS DIRECTLY UNDER EXPOSED METAL FLASHING

CONCRETE STEM WALL DETAIL - NON-MASONRY CLADDING

PERM-A-BARRIER® WALL MEMBRANE

DRAWING: PWM-014
SCALE: 3" = 1'
EFFECTIVE DATE: 2020.05.21
SUPERCEDES: NEW
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY FONT**. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY FONT**. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
GENERAL NOTES

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

DRAWING: PWM-017 (ALT)

SCALE: 3" = 1'

EFFECTIVE DATE: 2020.05.21

SUPERCEDES: NEW
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY FONT**. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

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**GENERAL NOTES**

**PERM-A-BARRIER® WALL MEMBRANE**

**DRAWING:** PWM-018

**SCALE:** 3" = 1'

**EFFECTIVE DATE:** 2020.05.21

**SUPERCEDES:** NEW
GENERAL NOTES

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.

OUTSIDE CORNER DETAIL (ALTERNATE) - NON-MASONRY CLADDING

PERM-A-BARRIER® WALL MEMBRANE

DRAWING: PWM-018 (ALT)
SCALE: 3" = 1'
EFFECTIVE DATE: 2020.05.21
SUPERCEDES: NEW
GENERAL NOTES

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
GENERAL NOTES

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY** font. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
1. PERM-A-BARRIER® WALL MEMBRANE
2. CLADDING ATTACHMENT - CONFIRM DETAILING REQUIREMENTS WITH THE GCPAT REPRESENTATIVE
3. BITUTHENE MASTIC, BITUTHENE LIQUID MEMBRANE, OR GCP APPROVED SEALANT - 1-INCH TROWELED BEAD
4. PERM-A-BARRIER® SELF-ADHERED FLASHING*
5. SHEET METAL FLASHING PER ARCH
6. INTERIOR AIR SEALANT OVER BACKER ROD
7. PERM-A-BARRIER® S100, PERM-A-BARRIER® LIQUID FLASHING, BITUTHENE MASTIC, OR BITUTHENE LIQUID MEMBRANE - 1-INCH TROWELED BEAD

**GENERAL NOTES**

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY** font. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.

2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.

3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY FONT**. Install components per manufacturer and project specific requirements.

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*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
**GENERAL NOTES**

1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.
2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.
3. GCP products are indicated in the detail legend in **BOLDFACE** font. Detail components by others are indicated in **GRAY FONT**. Install components per manufacturer and project specific requirements.

*Refer to air barrier system product data sheet for acceptable SELF-ADHERED FLASHING* products.
LEGEND
1. PERM-A-BARRIER® WALL MEMBRANE
2. PERM-A-BARRIER® SELF-ADHERED FLASHING*
3. MINIMUM 3/4” BACKER ROD
4. PERM-A-BARRIER DETAIL MEMBRANE INVERTED STRIP SUFFICIENT IN SIZE TO COVER BACKER ROD
5. CLADDING ATTACHMENT, CONFIRM DETAILING REQUIREMENTS WITH THE GCPAT REPRESENTATIVE

GENERAL NOTES
1. Detail not suitable for all climates. Avoiding excessive moisture accumulation in exterior walls is dependent on many factors including proper placement of insulation and water, air, and vapor control layers in the wall. Confirm membranes are suitable for project specific service temperatures. For assistance with exterior wall design, consult with a building science professional.
2. Install all GCP products in accordance with GCP Product Data Sheets and GCP recommendations.
3. GCP products are indicated in the detail legend in BOLDFACE font. Detail components by others are indicated in GRAY FONT. Install components per manufacturer and project specific requirements.

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DEFLECTION JOINT

PERM-A-BARRIER® WALL MEMBRANE

DRAWING: PWM-024

SCALE: 3” = 1’

EFFECTIVE DATE: 2020.05.21

SUPERCEDES: NEW