



3M™ Air Barrier Membranes and Flashing Solutions

Architectural Detail Guide

March 2021



Non-Permeable Membrane — Engineered to help control indoor climate by reducing air leakage and uncontrolled airflow through the building envelope and preventing moisture ingress.



**3M™ Air and Vapor Barrier
3015 / 3015NP**

- High-tack acrylic adhesive enables installation in most weather conditions
- Translucent membrane makes it easy to identify stud locations

Permeable Membrane — Designed to prevent water penetration while allowing your building to breathe.



**3M™ Air Barrier with
Permeable Backing 3015VP**

- Engineered to provide exacting control over moisture, air and vapor
- Reverse-wound rolls allow for faster installation

Flashing Accessories — Designed for multidirectional applications in commercial buildings, enabling fast and easy detailing of windows, doors and penetrations.



**3M™ Ultra Conformable
Flashing Tape 3015UC**

- Extremely flexible tape stretches horizontally and vertically and conforms around corners
- Enables up to 40% faster window and door detailing



**3M™ Air & Vapor Through
Wall Flashing Tape 3015TWF**

- Exceptional puncture and abrasion resistance
- Specially designed for use as a through wall flashing and damp proof course



**3M™ Air and Vapor Barrier
3015 / 3015NP**

- Narrower rolls available for detailing doors and windows
- Thin film design prevents tape buildup in the corners



3M™ 740UV

- Ideal for complex penetrations or where a vapor permeable flashing system is needed
- Fast-drying, STPE-based liquid flashing



3015NP Architectural Details

CMU Wall

| | |
|----------------------------|----|
| Wall Base | 8 |
| Parapet | 11 |
| Shelf Angle | 12 |
| Window | 16 |
| Aluminum Door | 23 |
| Control Joint | 29 |
| Exterior Corner | 30 |
| Interior Corner | 31 |
| Concrete Column Connection | 32 |
| Through Wall Penetration | 33 |
| Cavity Wall Tie | 34 |
| Hollow Metal Door | 35 |

Steel / Wood Stud Wall

| | |
|-------------------------------|----|
| Wall Base | 41 |
| Parapet With Deflection Joint | 44 |
| Shelf Angle | 45 |
| Window | 47 |
| Aluminum Door | 53 |
| Expansion Joint | 60 |
| Control Joint | 61 |
| Exterior Corner | 62 |
| Interior Corner | 63 |
| Steel Column Connection | 64 |
| Concrete Column Connection | 65 |
| Through Wall Penetration | 66 |
| Cavity Wall Tie | 67 |
| Hollow Metal Door | 68 |

3015VP Architectural Details

Brick Veneer

| | |
|-------------------------------|-----|
| Wall Base | 75 |
| Parapet With Deflection Joint | 79 |
| Shelf Angle | 80 |
| Window | 83 |
| Aluminum Door | 90 |
| Joints / Penetrations | 96 |
| Exterior Corner | 99 |
| Interior Corner | 101 |
| Hollow Metal Door | 109 |

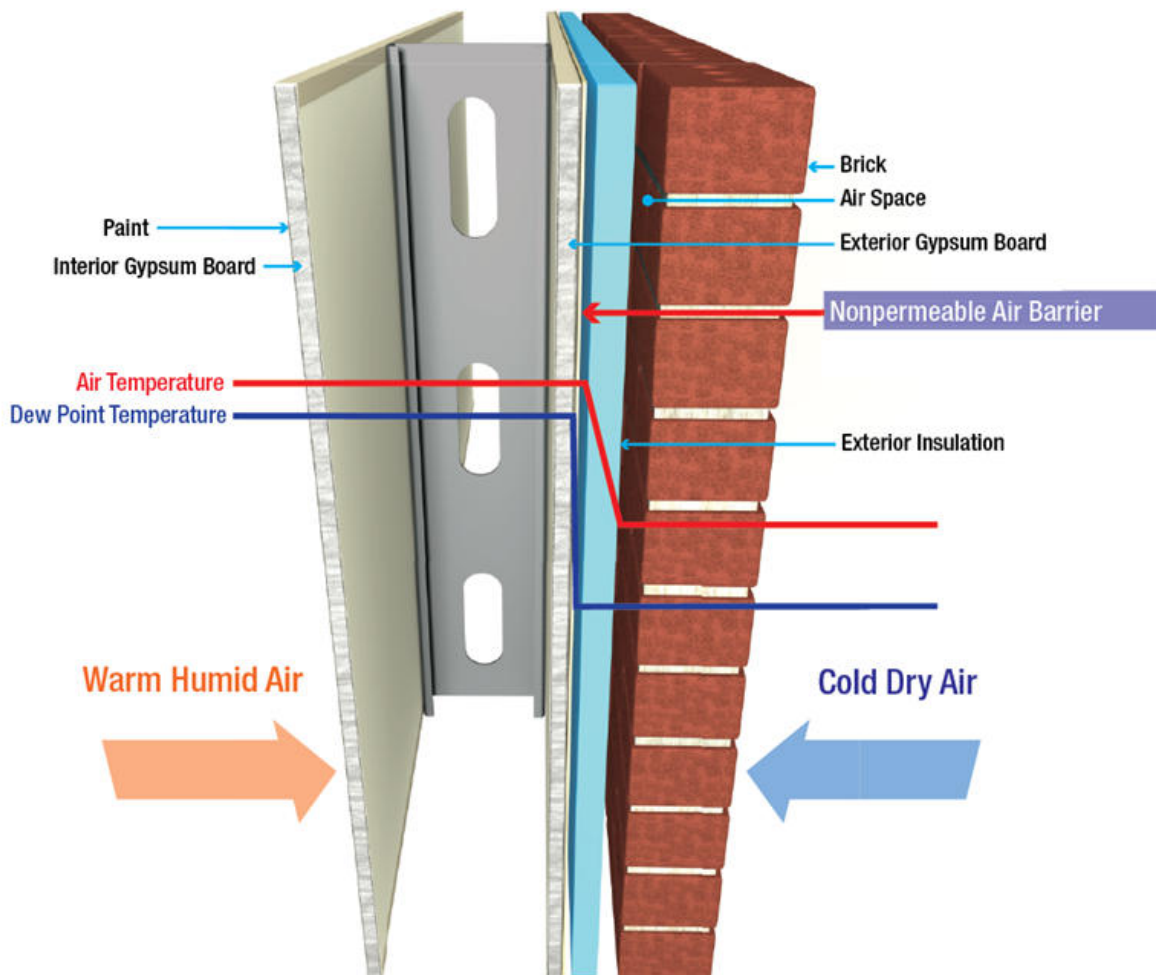
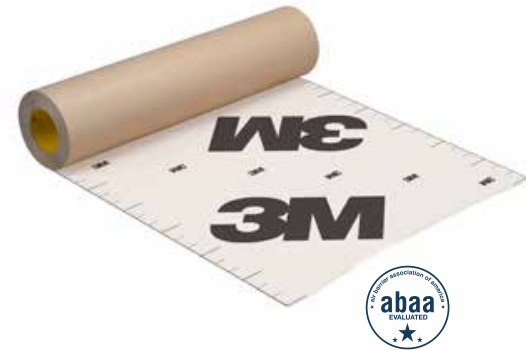
Stucco

| | |
|--------------------------|-----|
| Wall Base | 76 |
| Parapet | 80 |
| Exterior Corner | 100 |
| Interior Corner | 102 |
| Through Wall Penetration | 106 |

3M™ Air and Vapor Barrier 3015NP

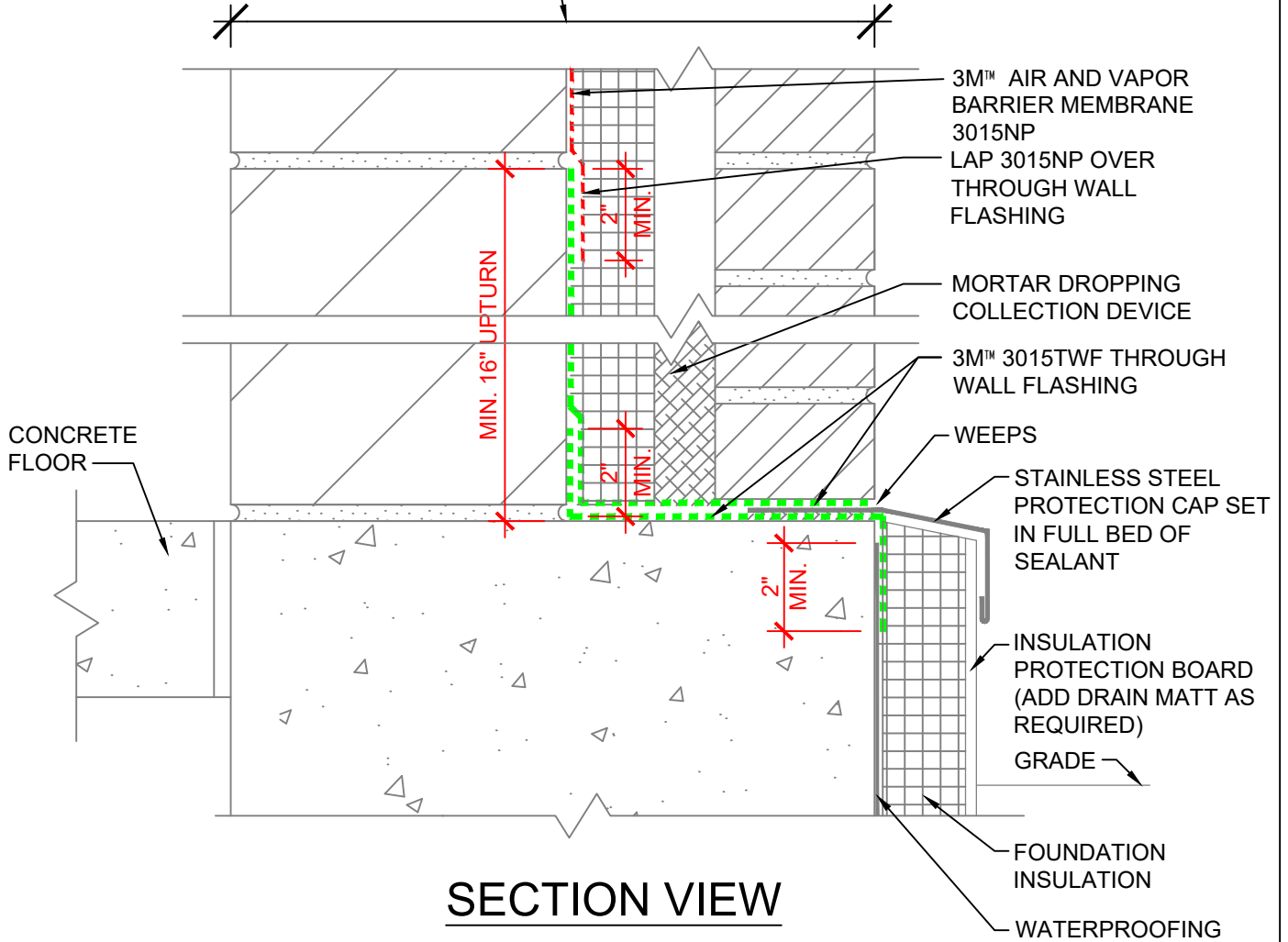
Non-permeable Self-adhered Membrane

3M Air and Vapor Barrier 3015NP is a non-permeable membrane with an aggressive, high-tack acrylic adhesive that does not require the use of a primer on most construction materials. It even adheres to damp surfaces. This product uses a specially formulated acrylic adhesive that sticks and stays stuck at a wider range of temperatures than traditional air barrier products. The proprietary film backing seals around handdriven nails and staples to prevent moisture intrusion. This film is also tough, resists punctures and tears, yet can be tucked tightly into corners. Both the film and adhesive are widely compatible with most construction materials.



WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.
4. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air and Vapor Barrier Membrane 3015NP

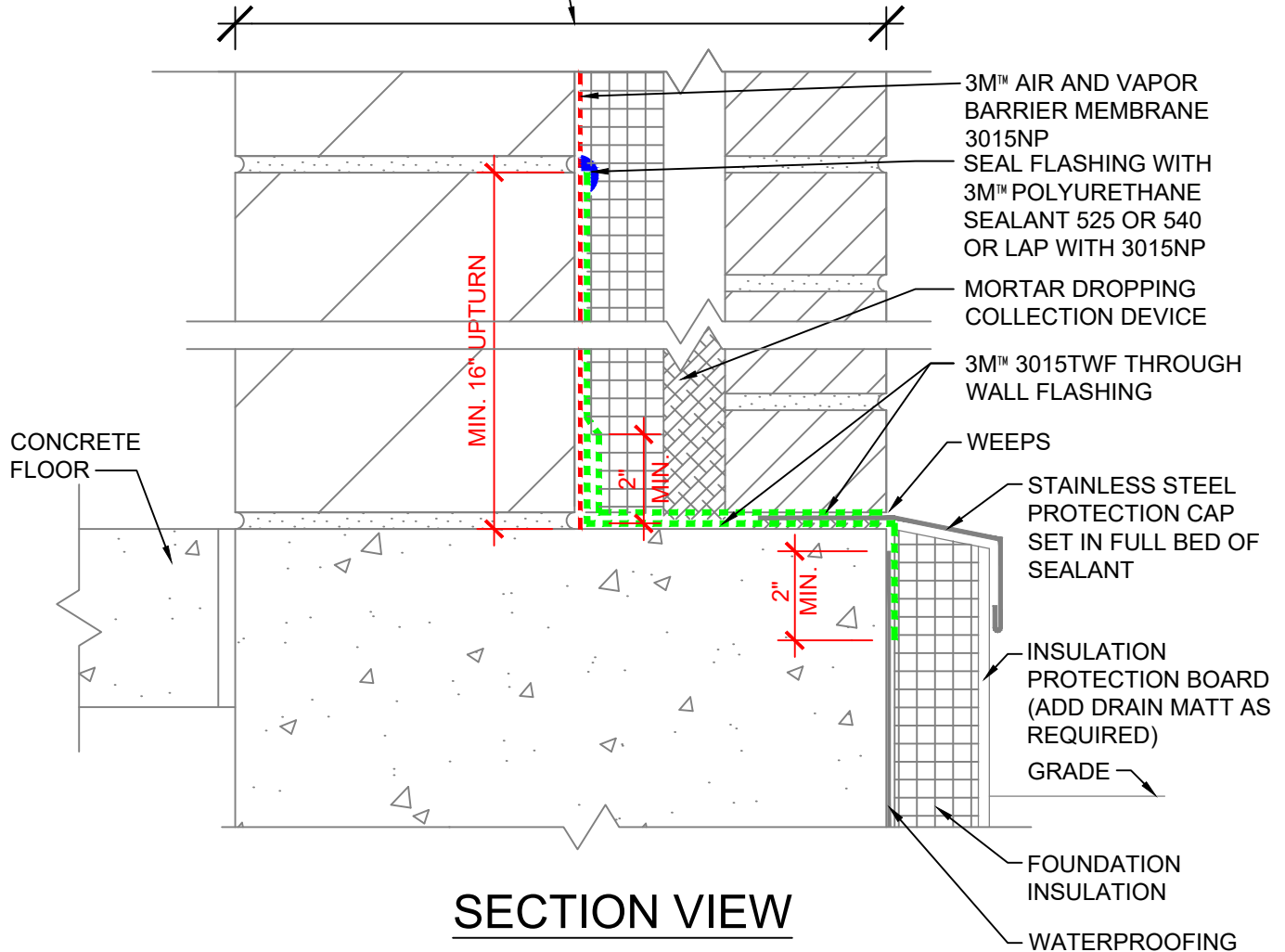


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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 3015TWF | 03/12/21 | 3015NP-1.0C |
| TITLE: BRICK VENEER / CMU WALL BASE (IN SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



NOTES:

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2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
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4. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air and Vapor Barrier Membrane 3015NP

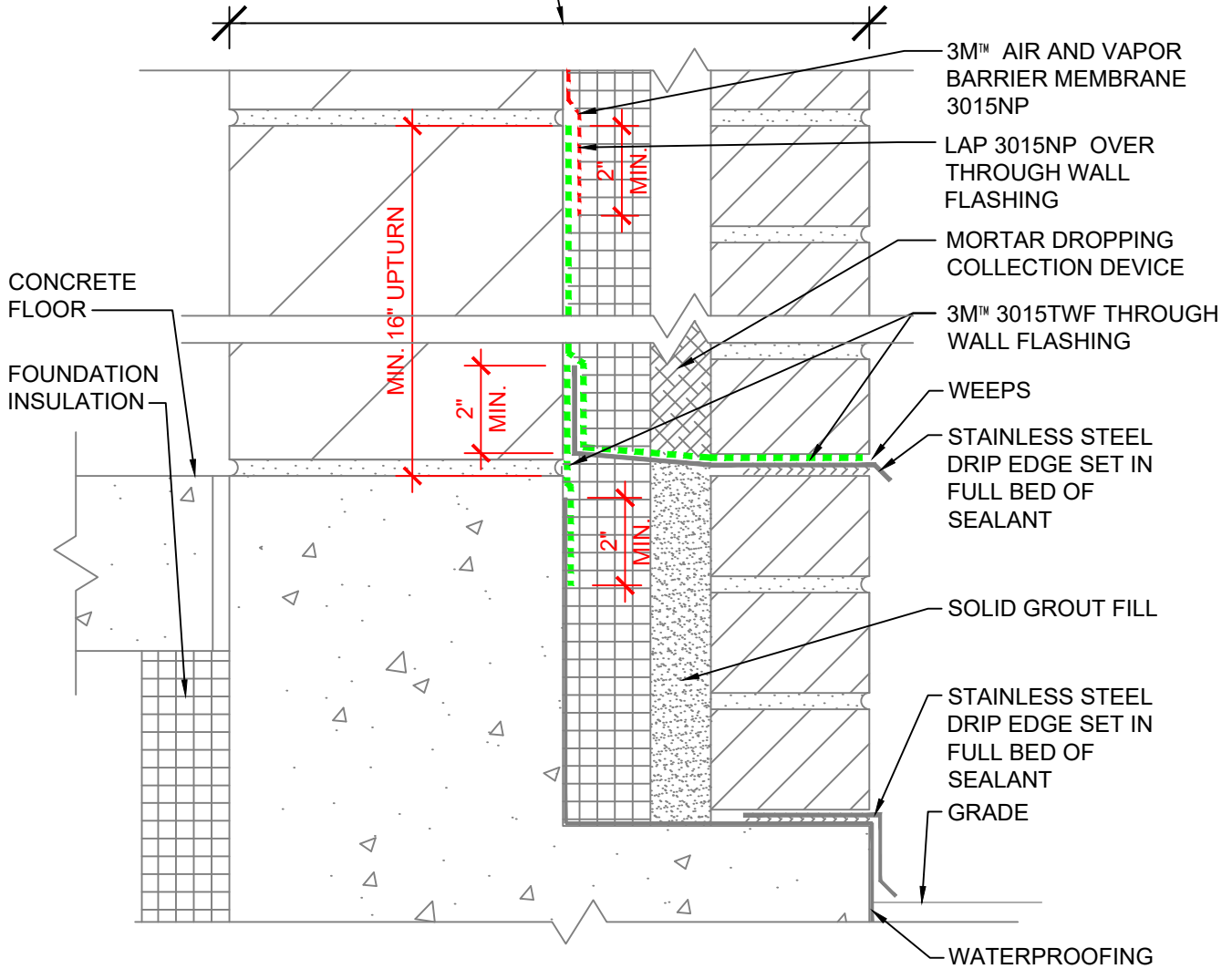


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|--|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, AND 525/540 | 03/12/21 | 3015NP-1.1C |
| TITLE: BRICK VENEER / CMU WALL BASE (OUT OF SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F | |

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WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.
4. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 3015TWF | 03/12/21 | 3015NP-1.2C |
| TITLE: BRICK VENEER / CMU WALL BASE / BRICK LEDGE (IN SEQUENCE) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

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PARAPET DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

WRAP BLOCKING WITH 3M™ 3015TWF

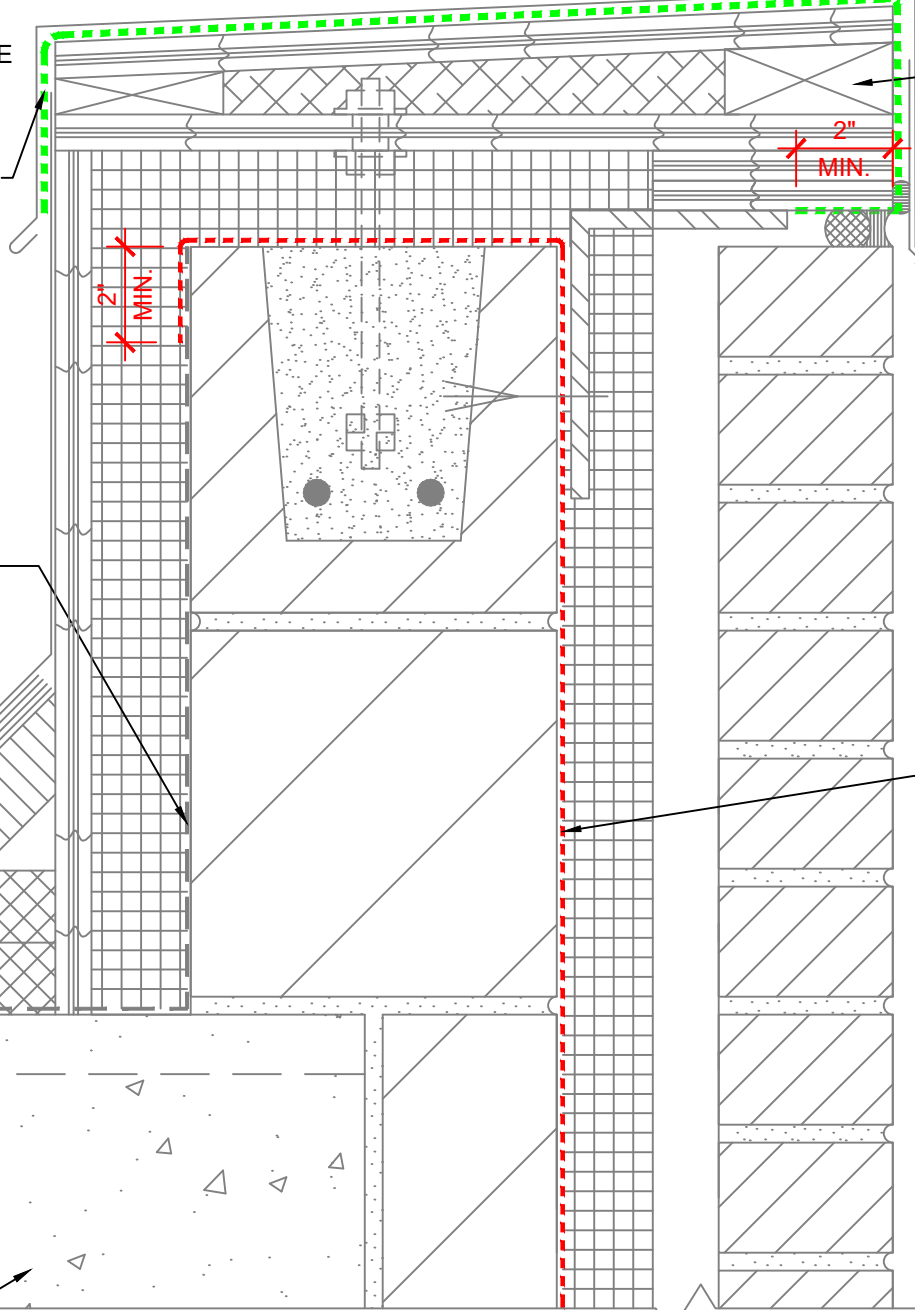
ROOF WATERPROOFING MEMBRANE

P/C PLANK DECK

COPING

WOOD BLOCKING AND COPING SUPPORT

3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP



SECTION VIEW

NOTES:

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3. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

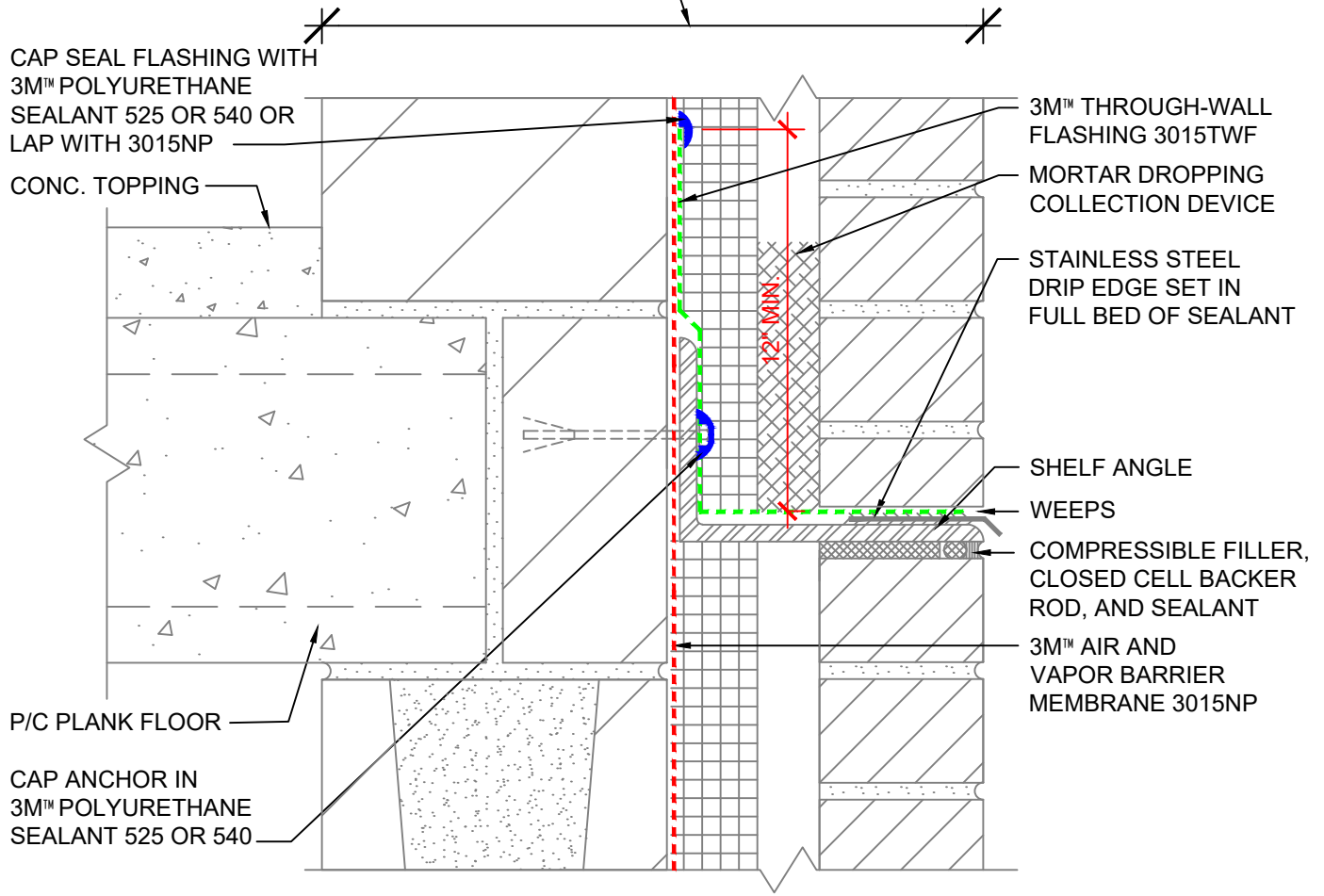
3M™ Air and Vapor Barrier Membrane 3015NP



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|--|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 3015TWF | 03/12/21 | 3015NP-2.0C |
| TITLE: BRICK VENEER / CMU WALL PARAPET | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

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- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

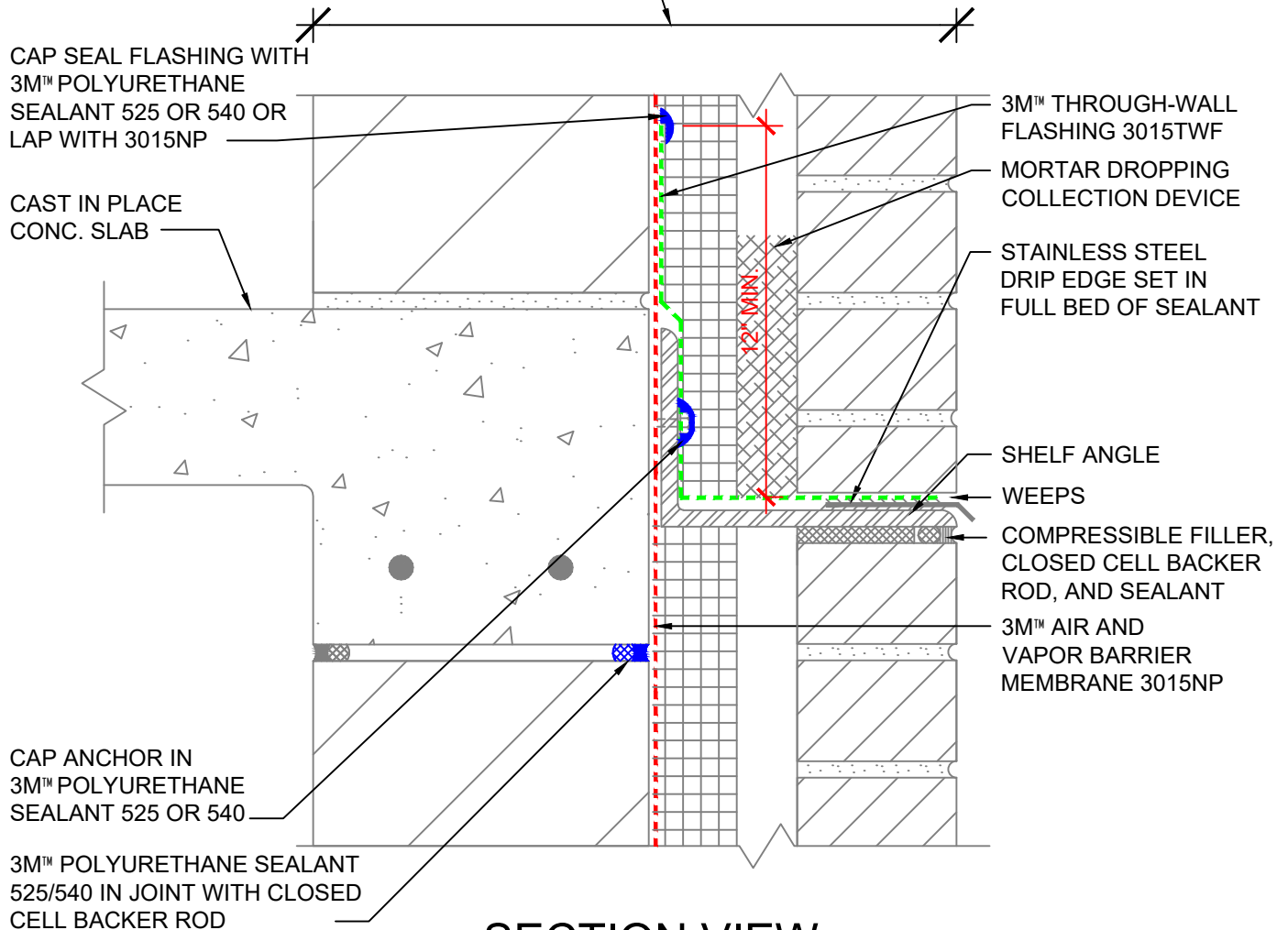
3M™ Air and Vapor Barrier Membrane 3015NP



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|--|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-3.0C |
| TITLE: BRICK VENEER / CMU WALL SHELF ANGLE (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) (LOAD BEARING P/C PLANK) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

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- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-3.0D |
| TITLE: BRICK VENEER / CMU WALL SHELF ANGLE (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) (NON-LOAD BEARING CONC. SLAB) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

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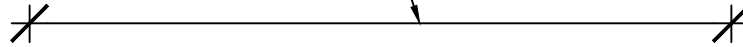
- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP ANCHOR IN
3M™ POLYURETHANE
SEALANT 525 OR 540

CONC. TOPPING

P/C PLANK FLOOR

6" WIDE 3M™ AIR AND
VAPOR BARRIER
MEMBRANE 3015NP. MIN. 2"
ON BOTTOM OF SHELF
ANGLE & 3M™
POLYURETHANE SEALANT
525 OR 540



2"
MIN.

12"
MIN.

2"
MIN.

3M™ THROUGH-WALL
FLASHING 3015TWF

MORTAR DROPPING
COLLECTION DEVICE

STAINLESS STEEL
DRIP EDGE SET IN
FULL BED OF SEALANT

SHELF ANGLE

WEEPS

COMPRESSIBLE FILLER,
CLOSED CELL BACKER
ROD, AND SEALANT

CAP SEAL MEMBRANE
WITH 3M™
POLYURETHANE
SEALANT 525 OR 540

3M™ AIR AND
VAPOR BARRIER
MEMBRANE 3015NP

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. SEAL BUTT JOINT IN SHELF ANGLE AT FLOOR SLAB WITH 3M™ 525/540 SEALANT.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-3.1C |
| TITLE: BRICK VENEER / CMU WALL AT SHELF ANGLE (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) (LOAD BEARING P/C PLANK) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

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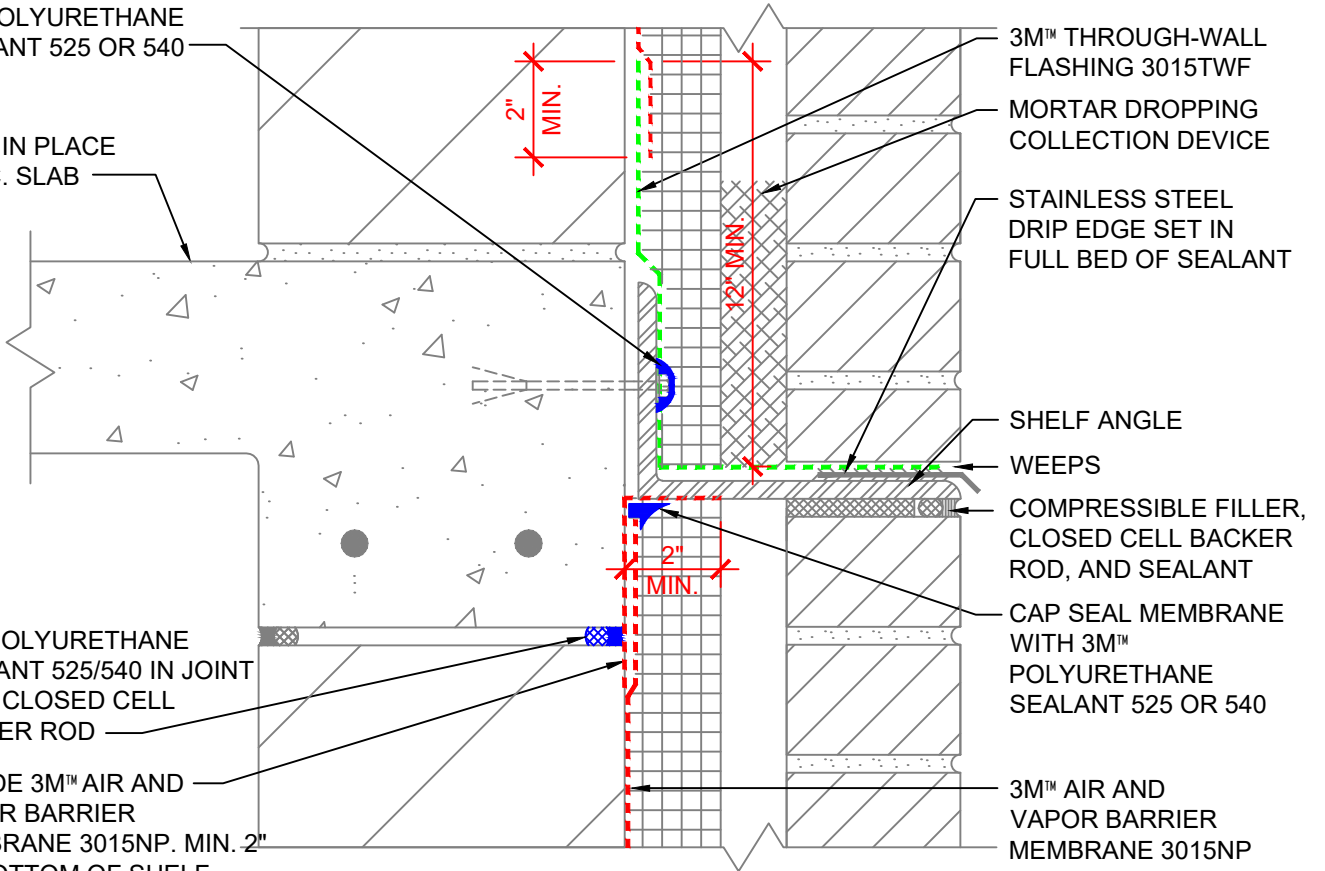
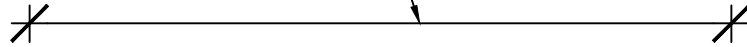
- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP ANCHOR IN
3M™ POLYURETHANE
SEALANT 525 OR 540

CAST IN PLACE
CONC. SLAB

3M™ POLYURETHANE
SEALANT 525/540 IN JOINT
WITH CLOSED CELL
BACKER ROD

6" WIDE 3M™ AIR AND
VAPOR BARRIER
MEMBRANE 3015NP. MIN. 2"
ON BOTTOM OF SHELF
ANGLE & 3M™
POLYURETHANE SEALANT
525 OR 540



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. SEAL BUTT JOINT IN SHELF ANGLE AT FLOOR SLAB WITH 3M™ 525/540 SEALANT.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP

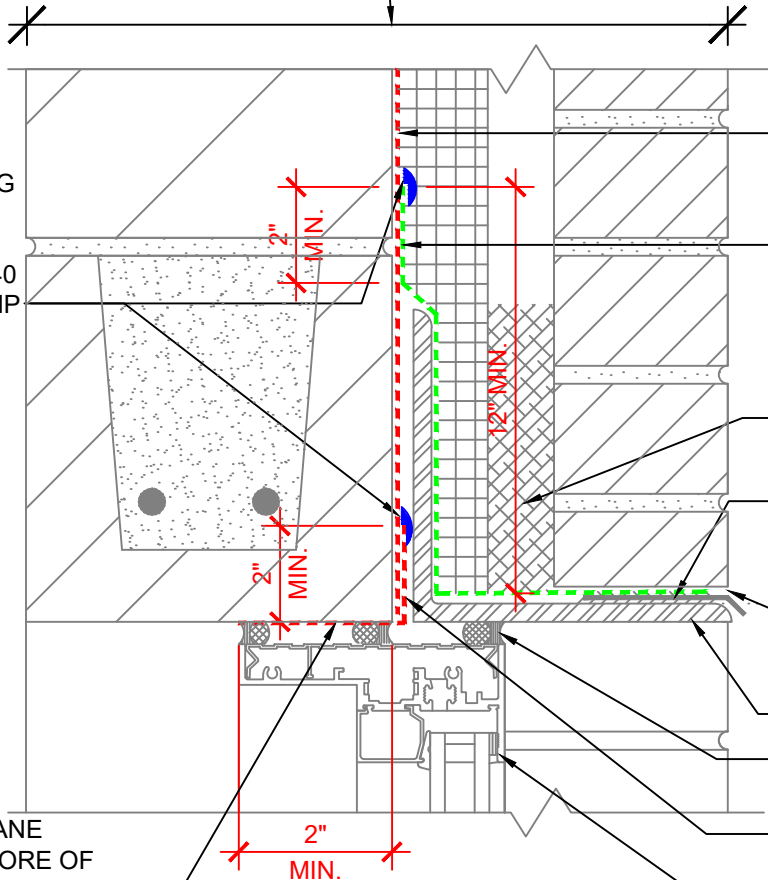


| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-3.1D |
| TITLE: BRICK VENEER / CMU WALL AT SHELF ANGLE (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) (NON-LOAD BEARING CONC. SLAB) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

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- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015NP



3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP
3M™ 3015TWF THROUGH WALL FLASHING

MORTAR DROPPING COLLECTION DEVICE

STAINLESS STEEL DRIP EDGE IN FULL BED OF SEALANT

WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT TYPICAL (*SEE NOTE 5)

LAP FLASHING MEMBRANE OVER FIELD 3015NP MEMBRANE

WINDOW FRAME

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015NP, 3015TWF, 3015UC OR 740 SEALANT

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
7. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP

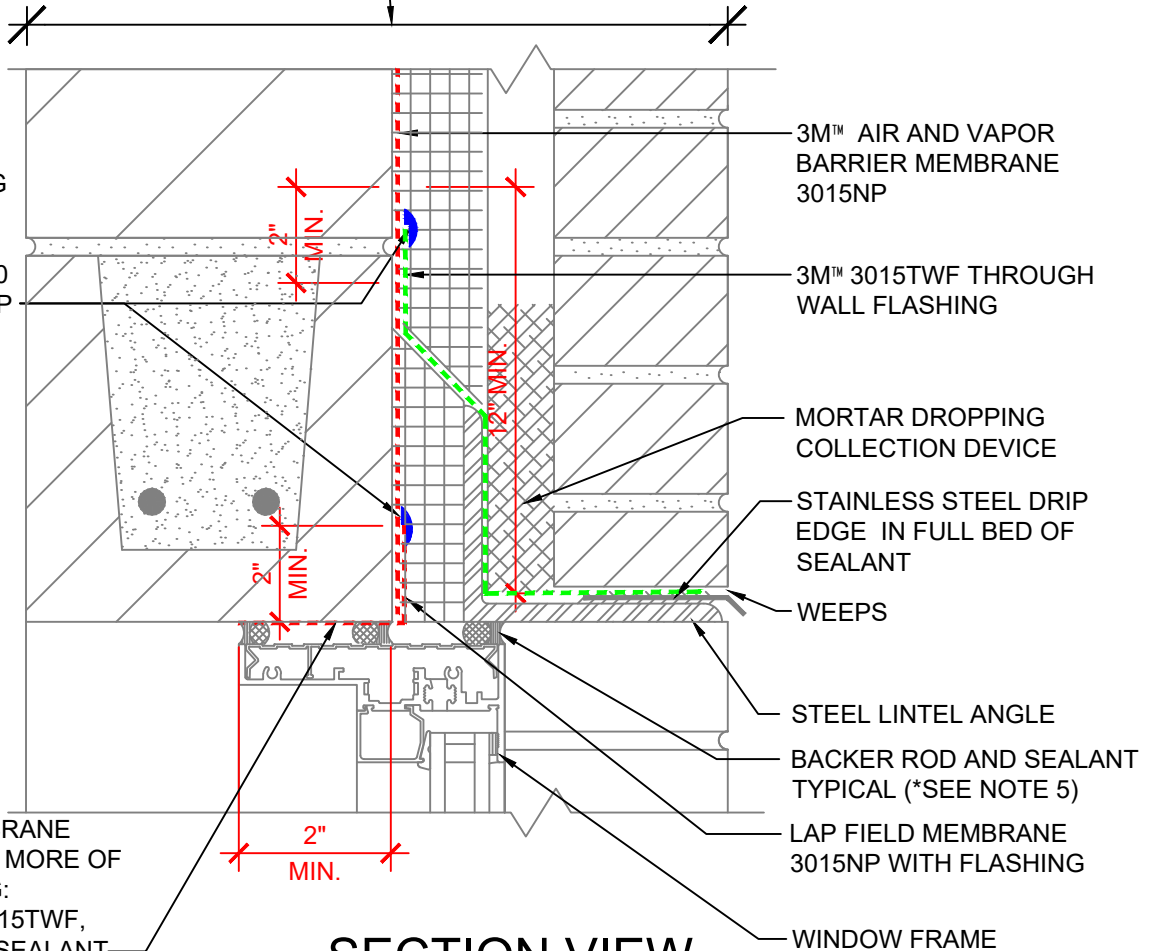


| | | |
|--|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-4.0C |
| TITLE: BRICK VENEER / CMU WALL WINDOW HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

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- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015NP



FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015NP, 3015TWF, 3015UC, OR 740 SEALANT

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
7. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-4.0D |
| TITLE: BRICK VENEER / CMU WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

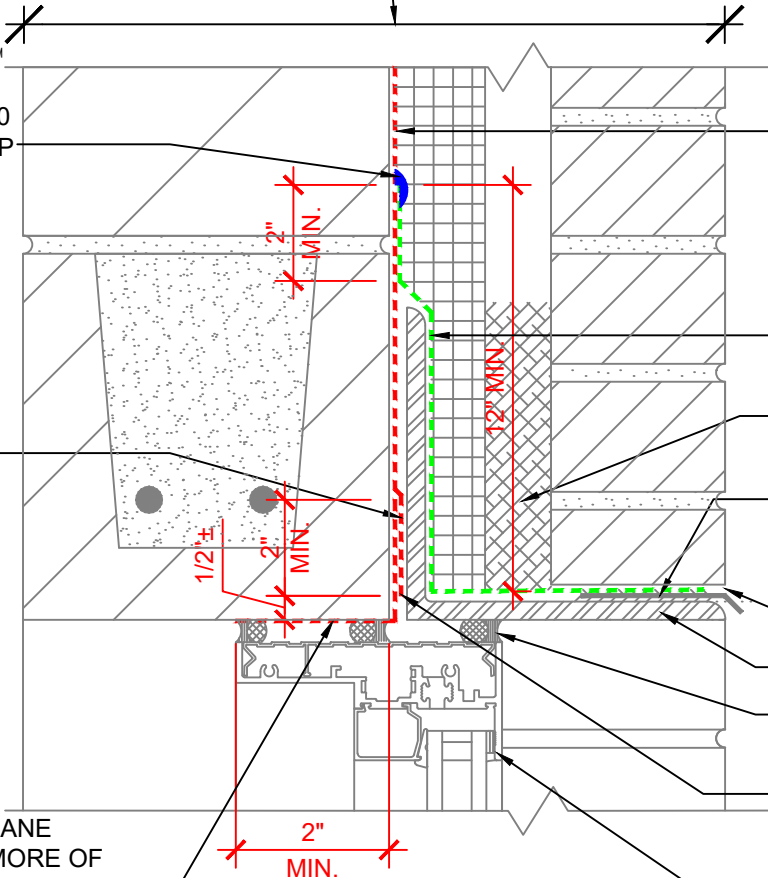
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- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL
FLASHING WITH 3M™
POLYURETHANE
SEALANT 525 OR 540
OR LAP WITH 3015NP

LAP FIELD
MEMBRANE
3015NP OVER
FLASHING

FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015, 3015NP, 3015TWF,
3015UC, OR 740 SEALANT



3M™ AIR AND VAPOR
BARRIER
MEMBRANE 3015NP

3M™ 3015TWF THROUGH
WALL FLASHING

MORTAR DROPPING
COLLECTION DEVICE

STAINLESS STEEL DRIP
EDGE IN FULL BED OF
SEALANT

WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT
TYPICAL (*SEE NOTE 5)

APPLY FIELD SHEET
MEMBRANE ±1/2" FROM
CORNER

WINDOW FRAME

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
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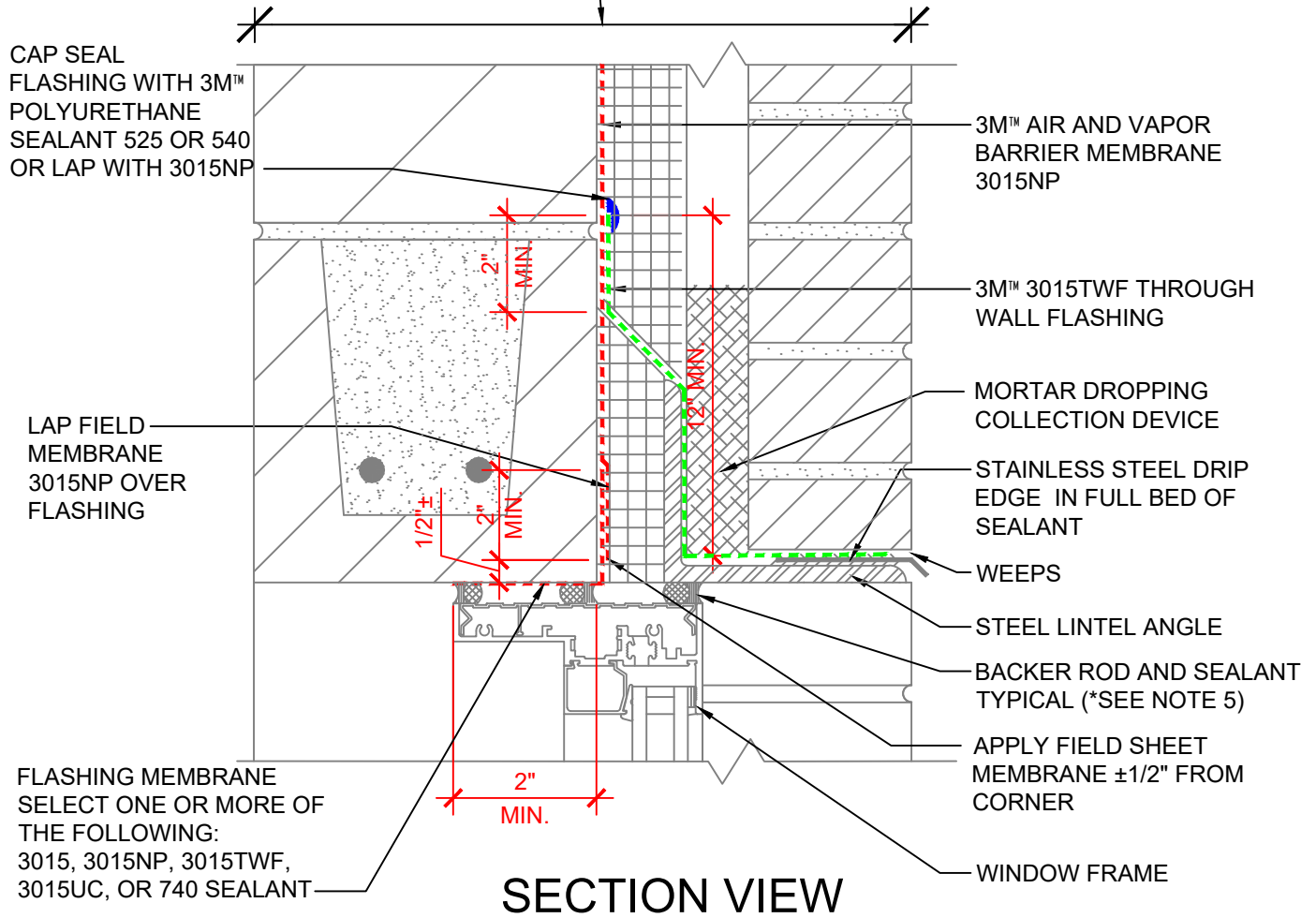
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015,3015UC OR 740 SEALANT | 03/12/21 | 3015NP-4.1C |
| TITLE: BRICK VENEER / CMU WALL WINDOW HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

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- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
7. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

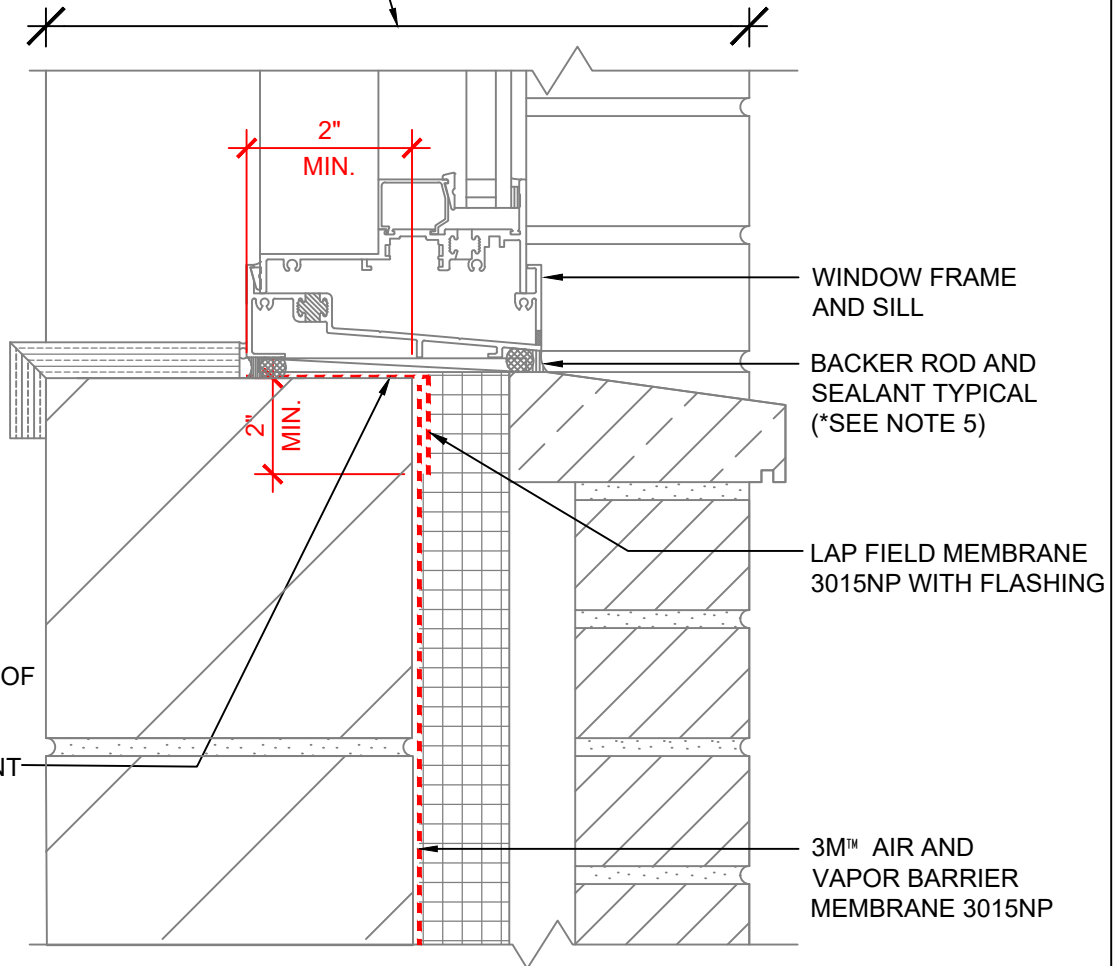
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-4.1D |
| TITLE: BRICK VENEER / CMU WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015, 3015NP, 3015TWF,
3015UC, OR 740 SEALANT

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
7. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

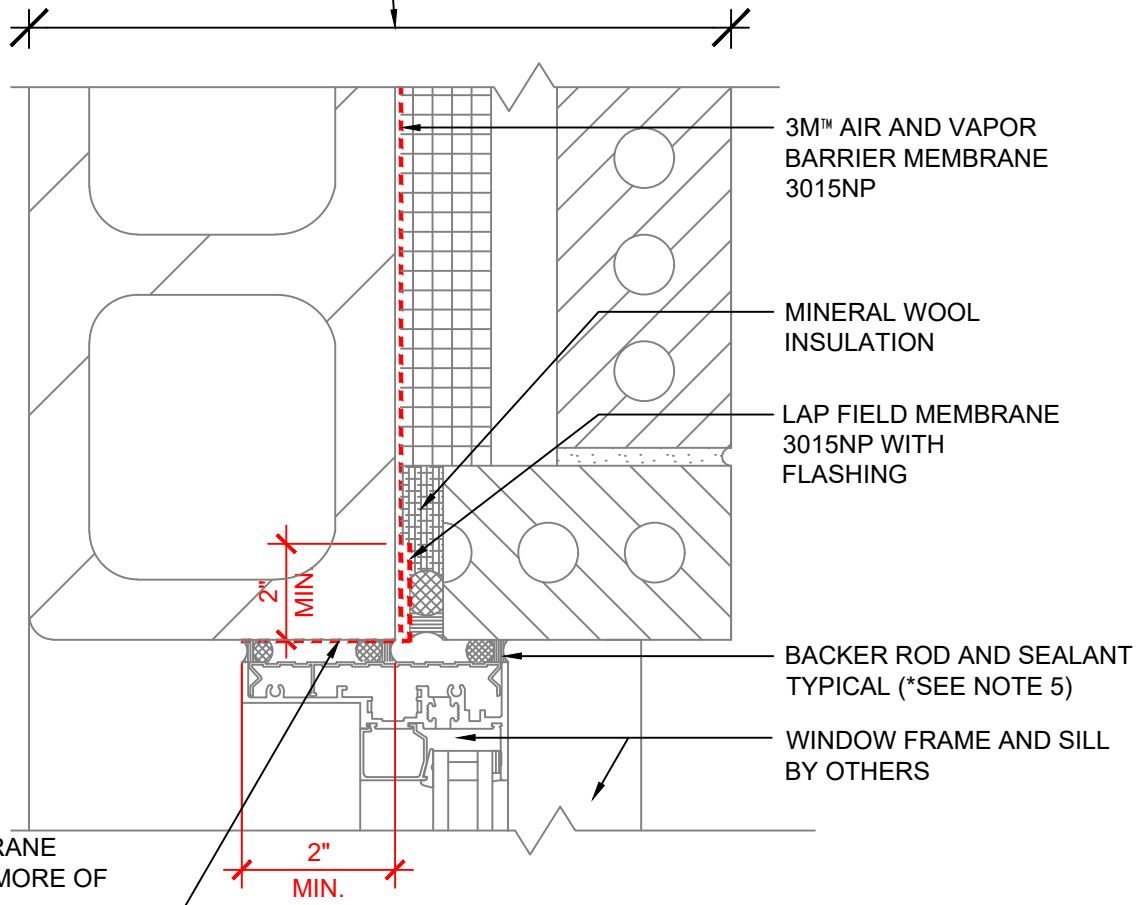
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-5.0C |
| TITLE: BRICK VENEER / CMU WALL WINDOW SILL | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015, 3015NP, 3015TWF,
3015UC, OR 740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

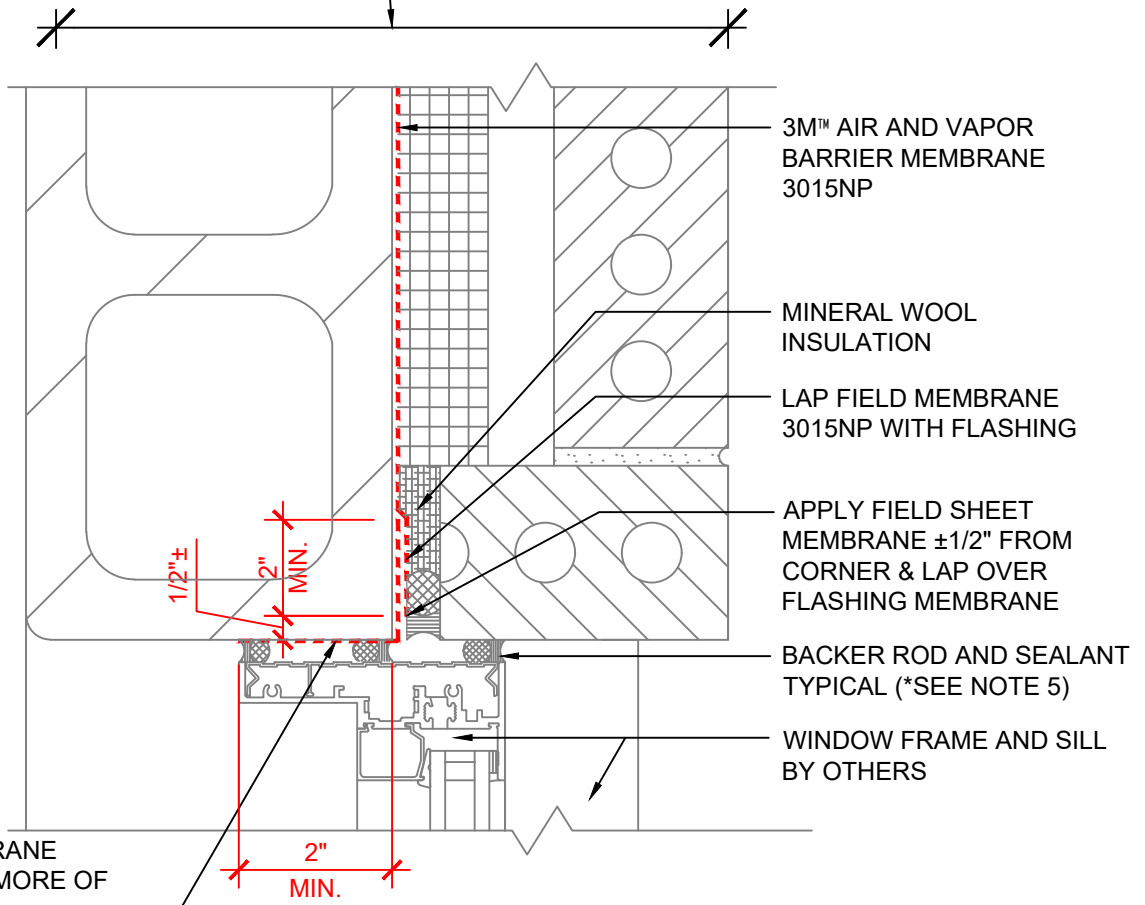
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|---------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-6.0C |
| TITLE: BRICK VENEER / CMU WALL WINDOW JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015, 3015NP, 3015TWF,
3015UC, OR 740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air and Vapor Barrier Membrane 3015NP

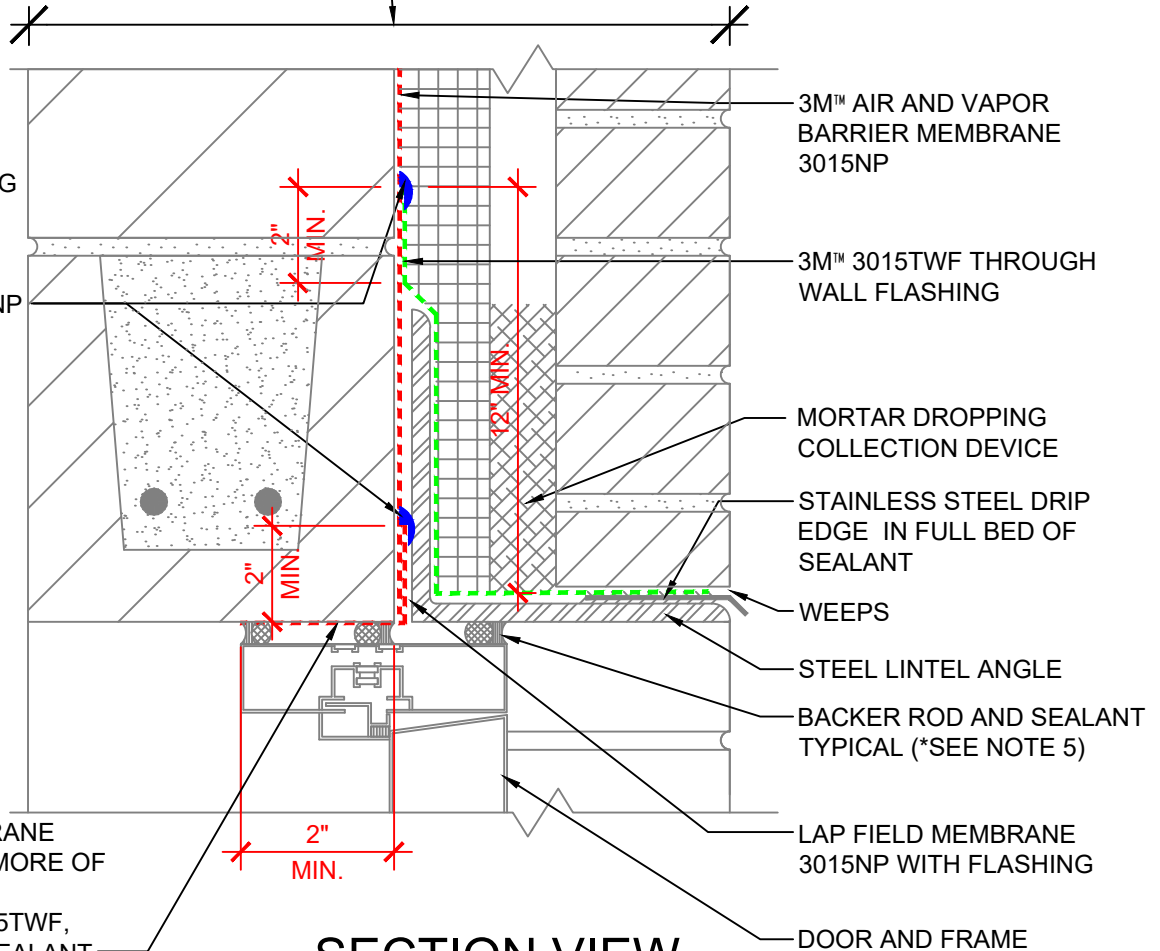


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|---|---------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-6.1C |
| TITLE: BRICK VENEER / CMU WALL WINDOW JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525, 540 OR LAP WITH 3015NP



FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING:
3015, 3015NP, 3015TWF, 3015UC, OR 740 SEALANT

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
7. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

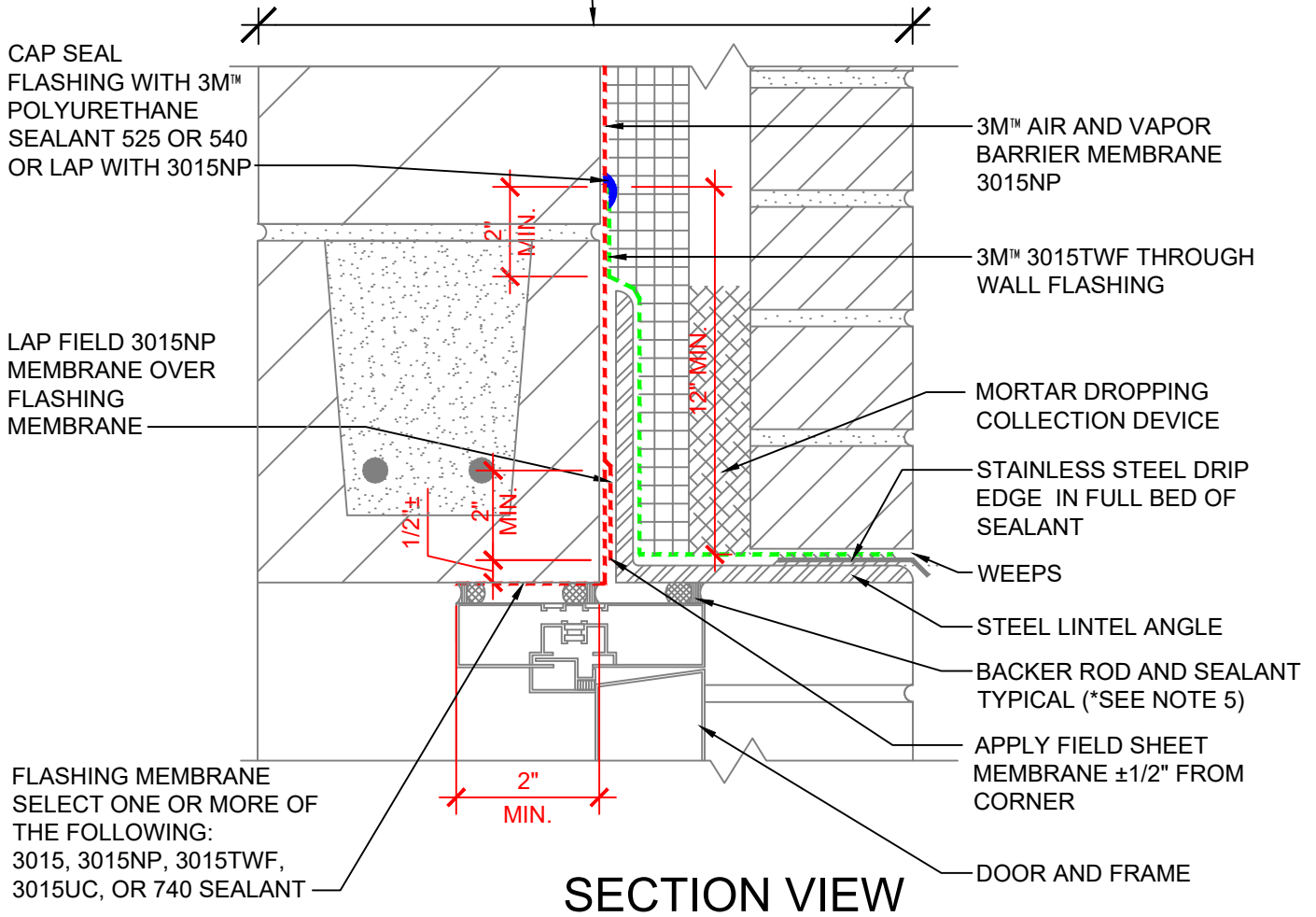
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-7.0C |
| TITLE: BRICK VENEER / CMU WALL ALUM. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
7. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

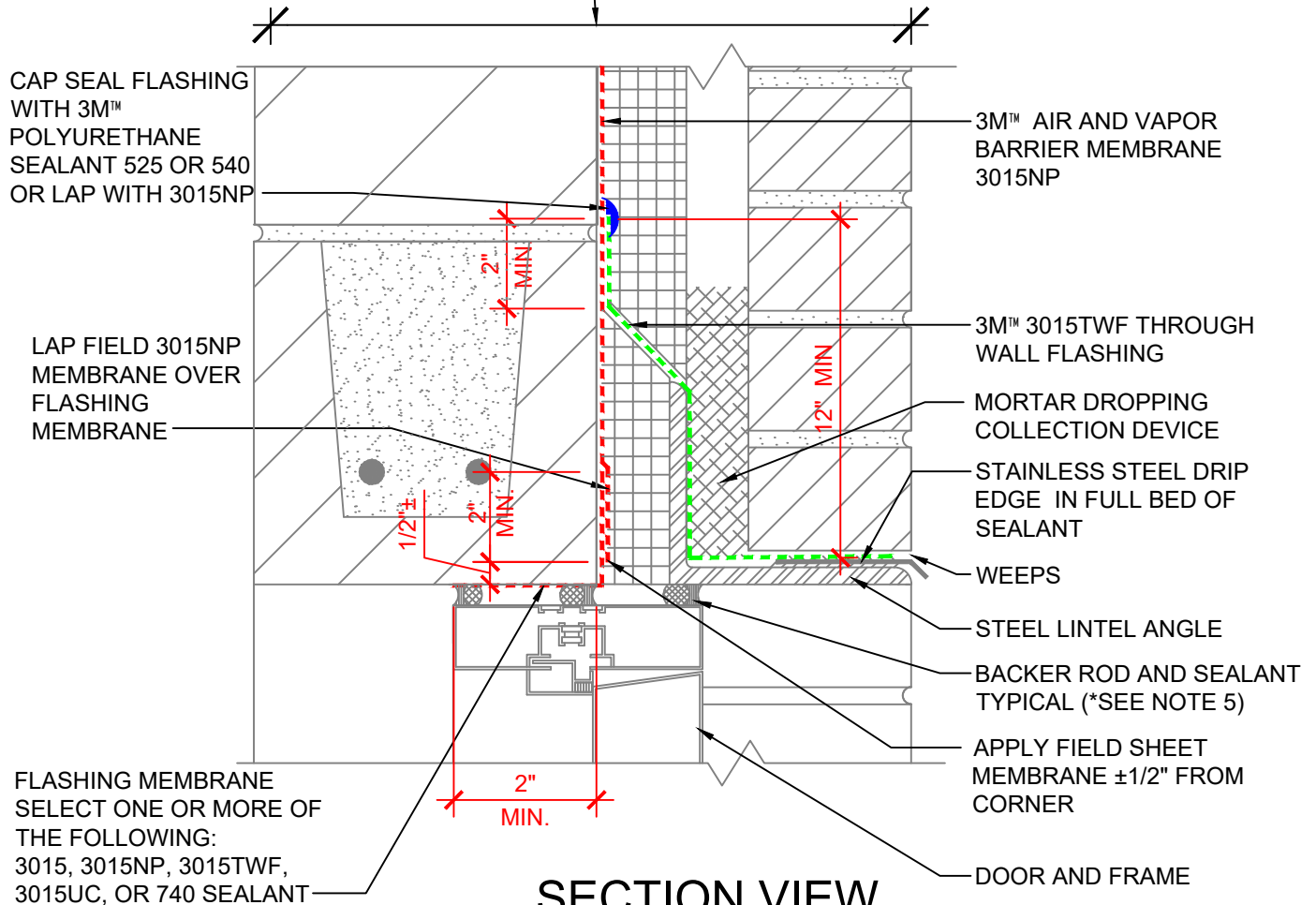
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-7.1C |
| TITLE: BRICK VENEER / CMU WALL ALUM. DOOR HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
7. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

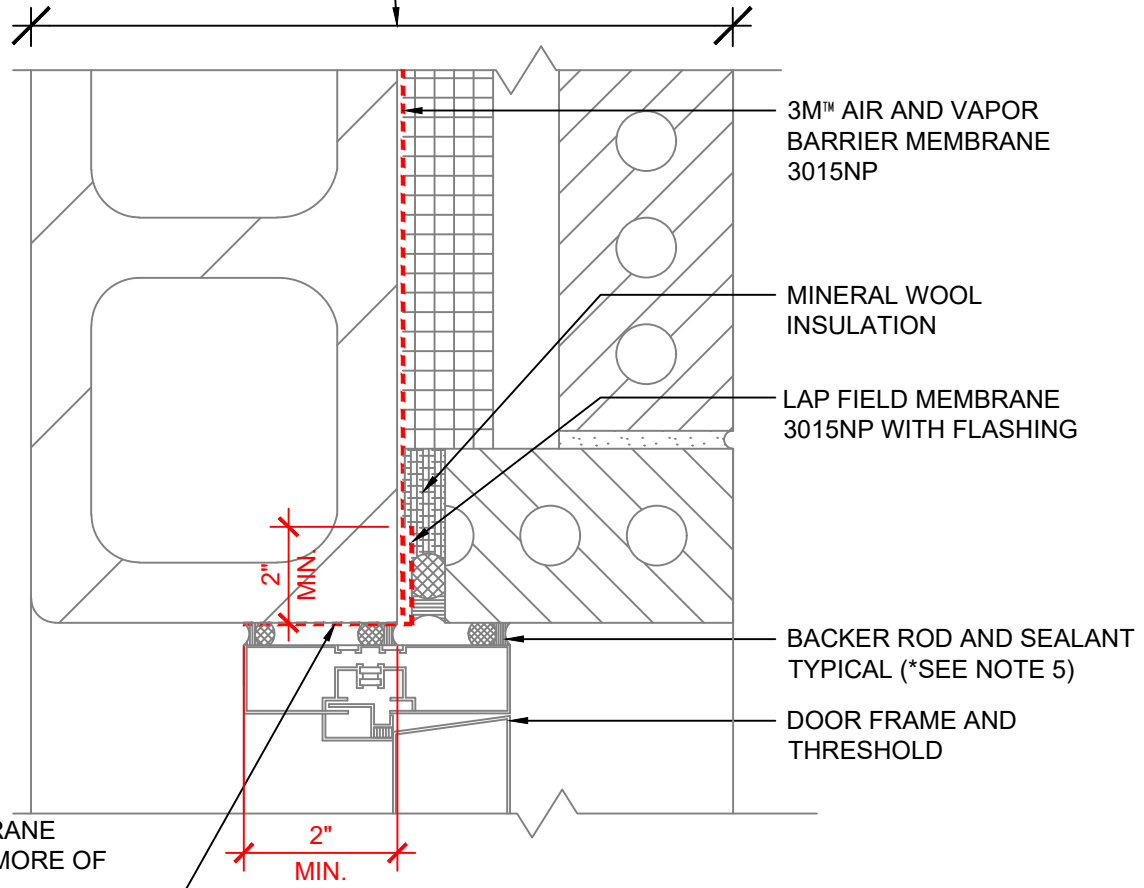
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-7.1D |
| TITLE: BRICK VENEER / CMU WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



FLASHING MEMBRANE
 SELECT ONE OR MORE OF
 THE FOLLOWING:
 3015, 3015NP, 3015TWF,
 3015UC, OR 740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

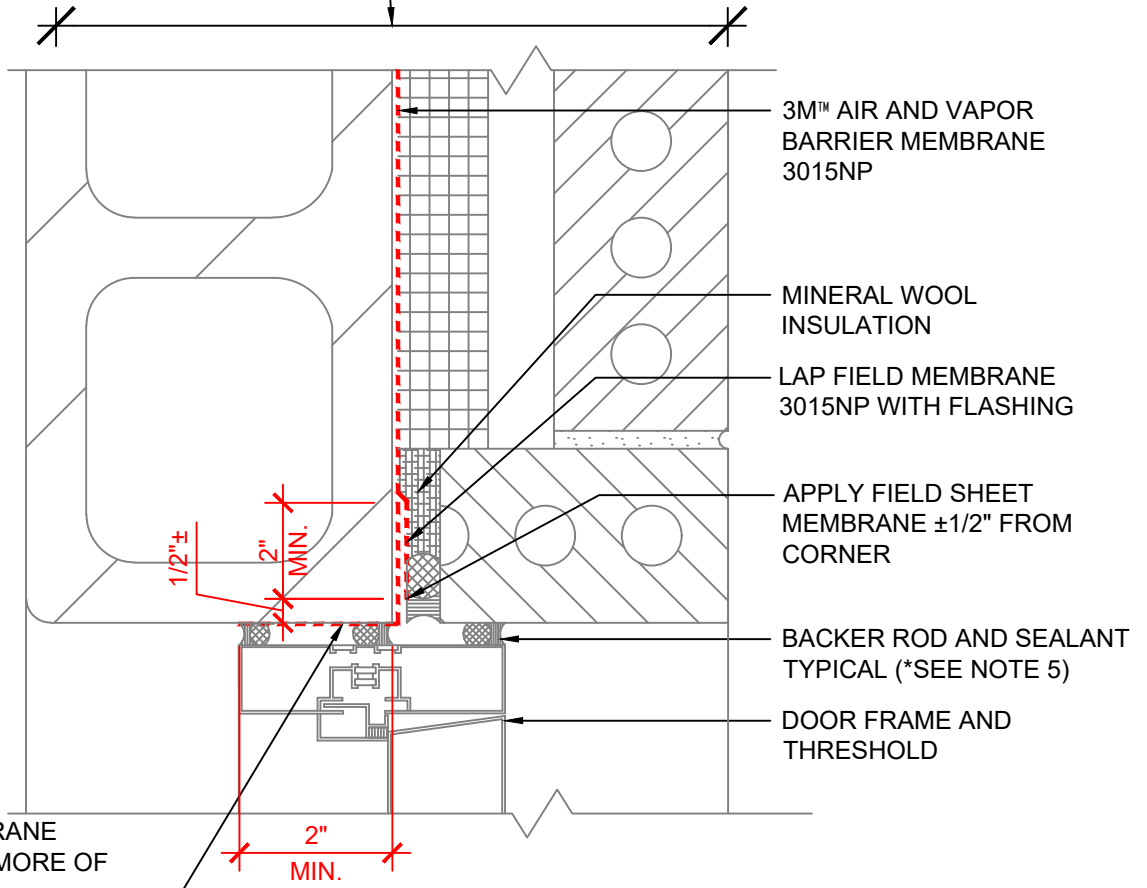
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|---------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-8.0C |
| TITLE: BRICK VENEER / CMU ALUM. DOOR JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015, 3015NP, 3015TWF,
3015UC, OR 740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE.
5. * THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
6. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air and Vapor Barrier Membrane 3015NP

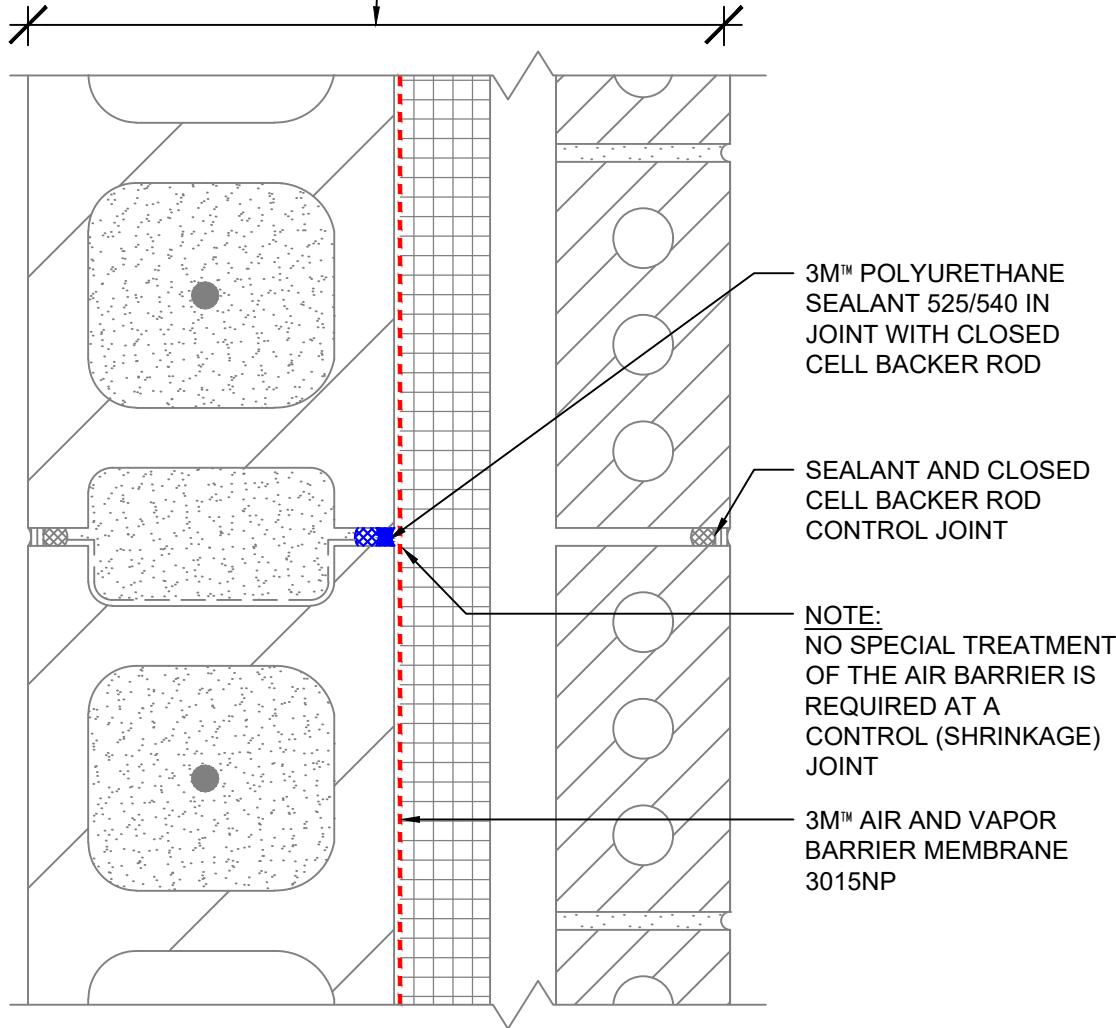


| | | |
|---|-----------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-8.1C |
| TITLE: BRICK VENEER / CMU WALL ALUM. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 525/540 | 03/12/21 | 3015NP-10.0C |
| TITLE: BRICK VENEER / CMU WALL CONTROL (SHRINKAGE) JOINT | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

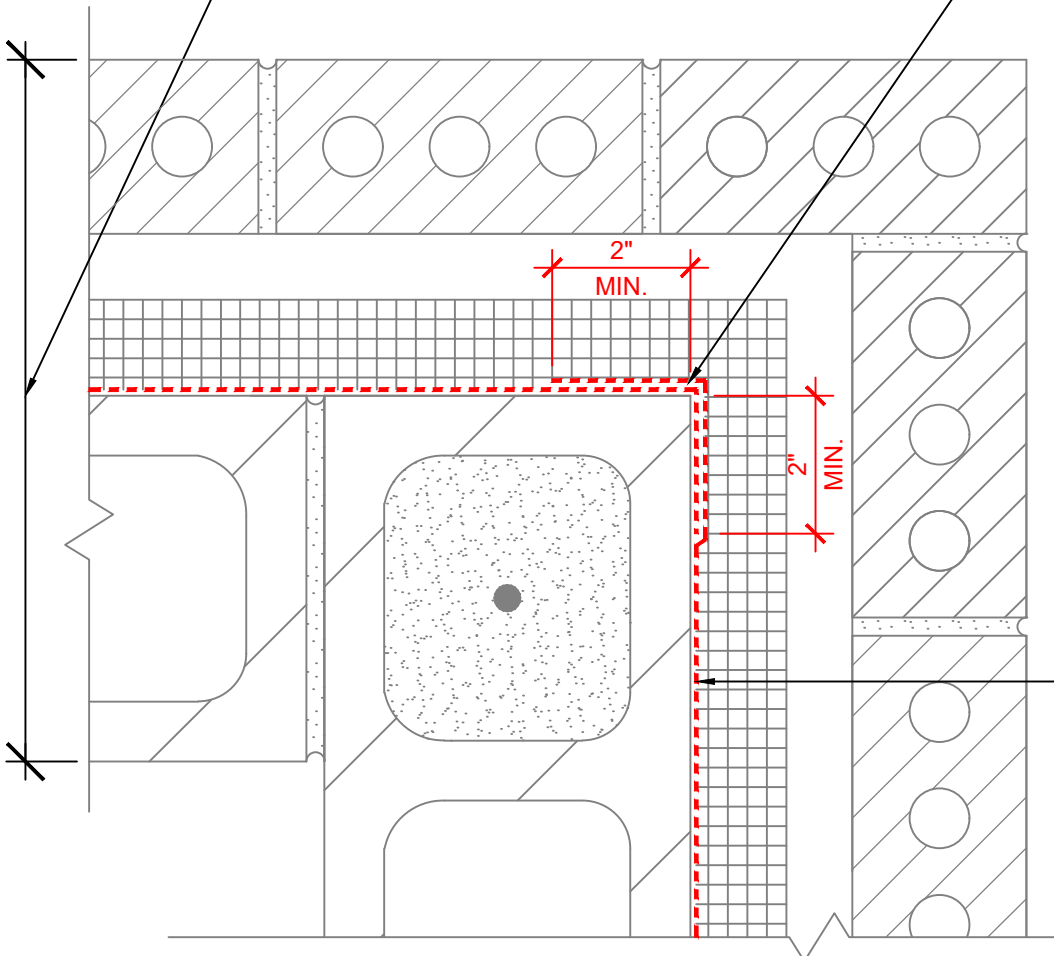
- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

2-LAYERS OF AIR BARRIER REQUIRED:

OPTION 1). OVERLAP FIELD AREA OF 3015NP TO CREATE 2-LAYERS AT OUTSIDE CORNER (DEPICTED)

OPTION 2). DETAIL CORNER WITH 6" WIDE 3015NP OR 3015TWF OVER OR BEHIND FIELD APPLIED 3015NP MEMBRANE

3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|-----------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH OPTIONAL 3015TWF | 03/12/21 | 3015NP-11.0C |
| TITLE: BRICK VENEER / CMU WALL EXTERIOR CORNER | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

2 LAYERS OF AIR BARRIER REQUIRED:

OPTION 1). OVERLAP FIELD AREA OF 3015NP TO CREATE 2 LAYERS AT INSIDE CORNER (DEPICTED).

OPTION 2). DETAIL CORNER WITH 6" WIDE 3015NP OR 3015TWF OVER OR BEHIND FIELD APPLIED 3015NP MEMBRANE.

OPTION 3). 1ST LAYER 525 OR 540 SEALANT AT SEAM, 2ND LAYER 6" WIDE 3015NP OR 3015 TWF. (DEPICTED IN PARTIAL DETAIL)

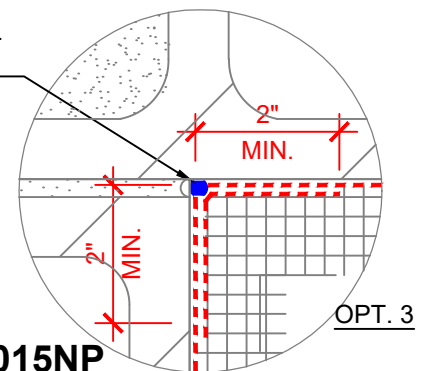
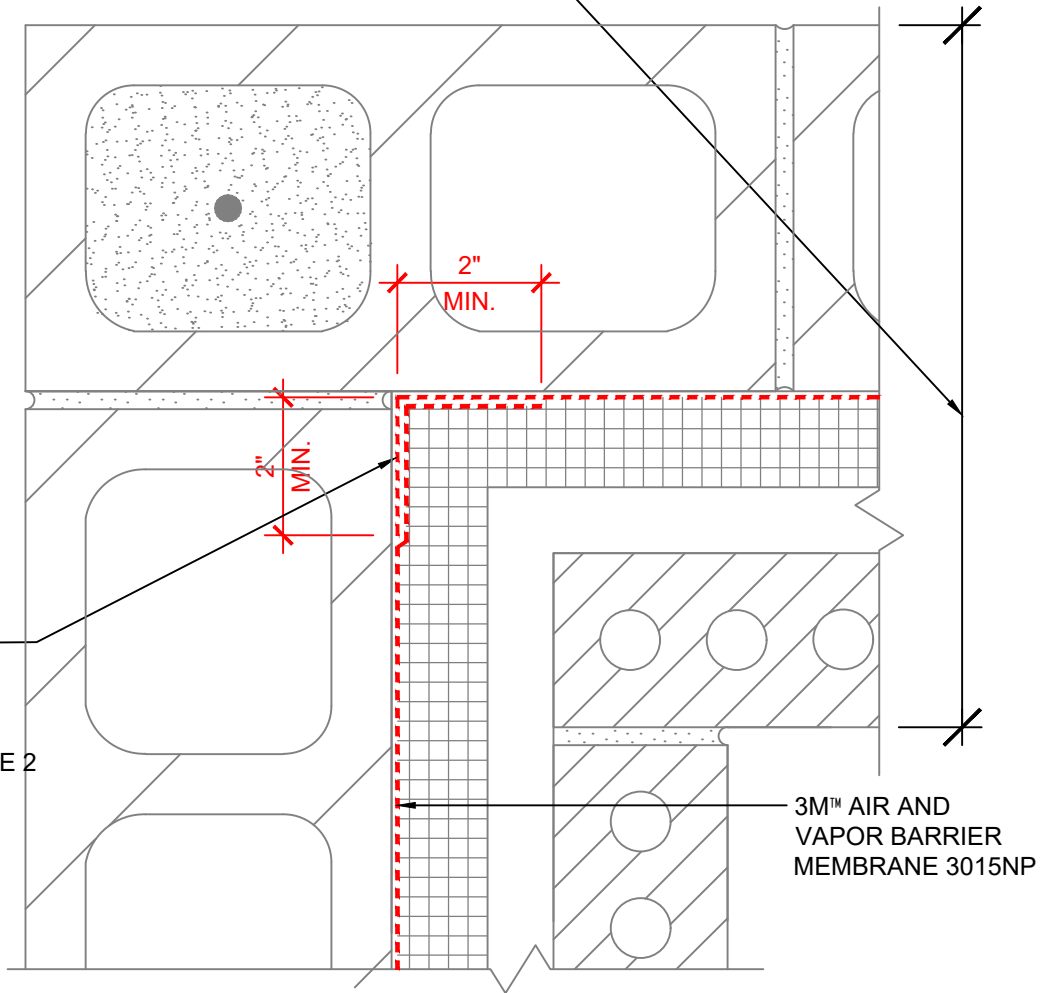
3M™ POLYURETHANE SEALANT 525/540 IN CORNER AT SEAM

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air and Vapor Barrier Membrane 3015NP

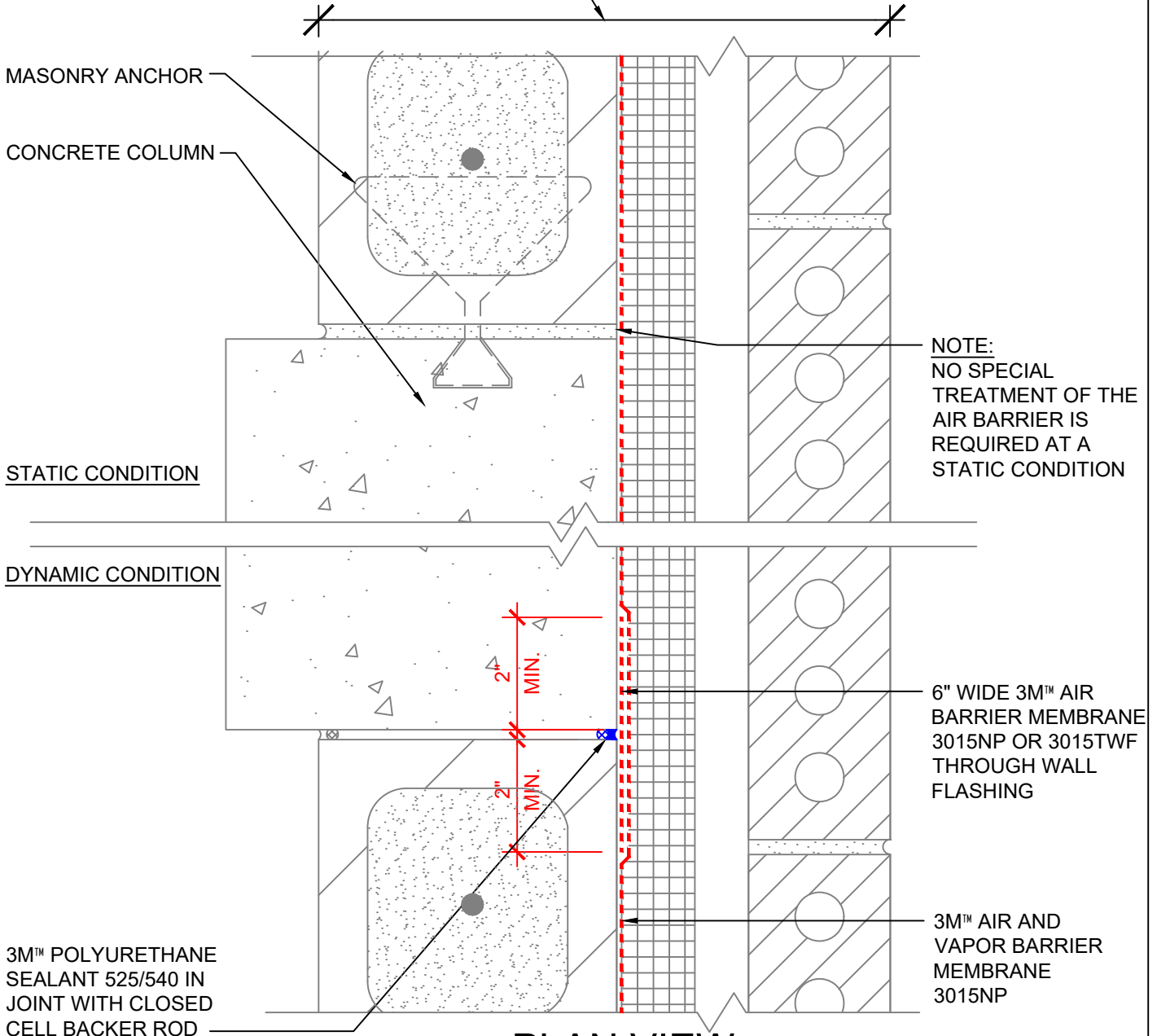


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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH OPTIONAL 3015TWF AND 525/540 | 03/12/21 | 3015NP-12.0C |
| TITLE: BRICK VENEER / CMU WALL INTERIOR CORNER | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT CONCRETE COLUMN EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

3M™ Air and Vapor Barrier Membrane 3015NP

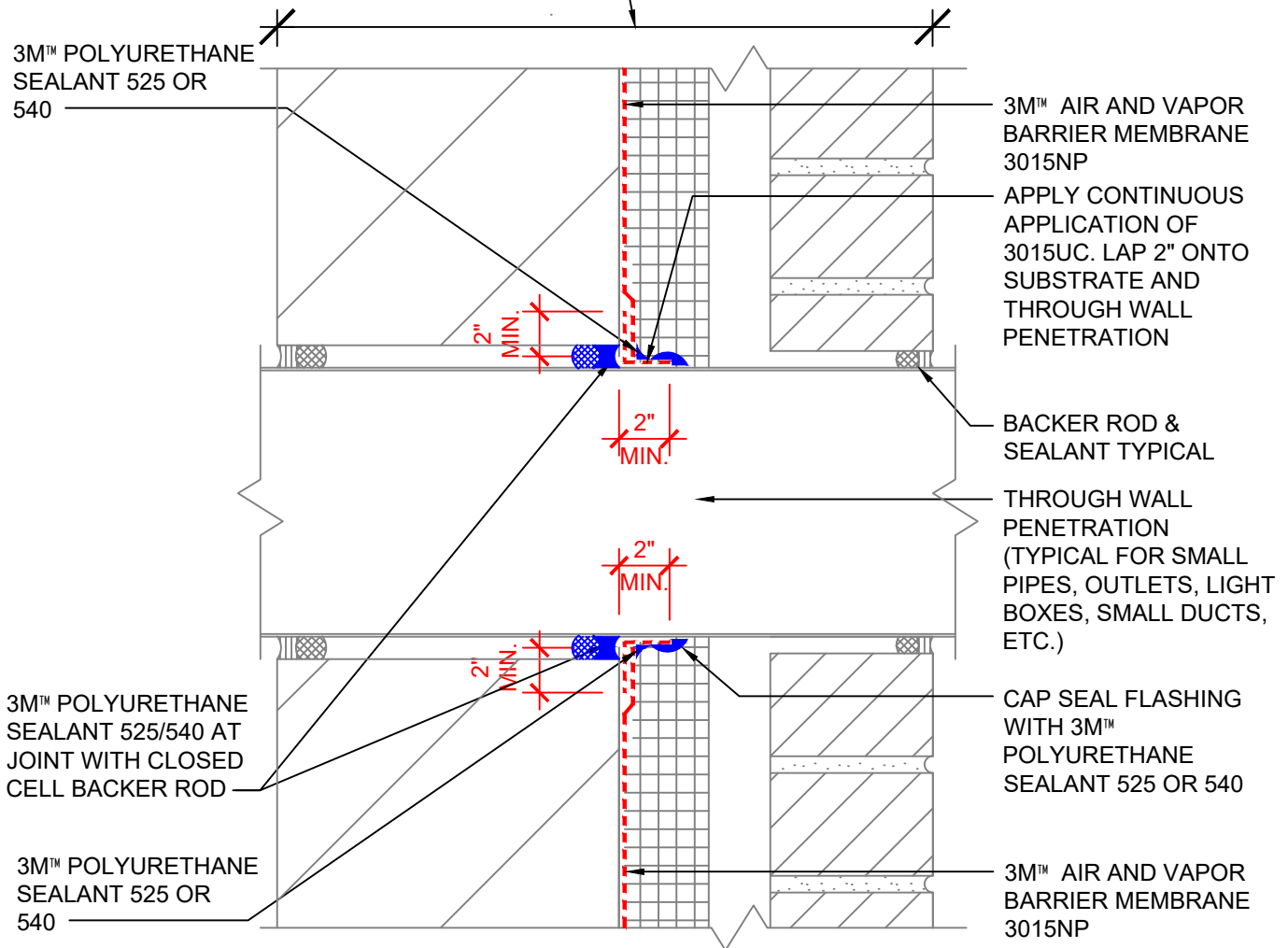


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|---|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 525/540 WITH OPTIONAL 3015TWF | 03/12/21 | 3015NP-14.0C |
| TITLE: BRICK VENEER / CMU WALL CONCRETE COLUMN CONNECTION | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT PENETRATION EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP

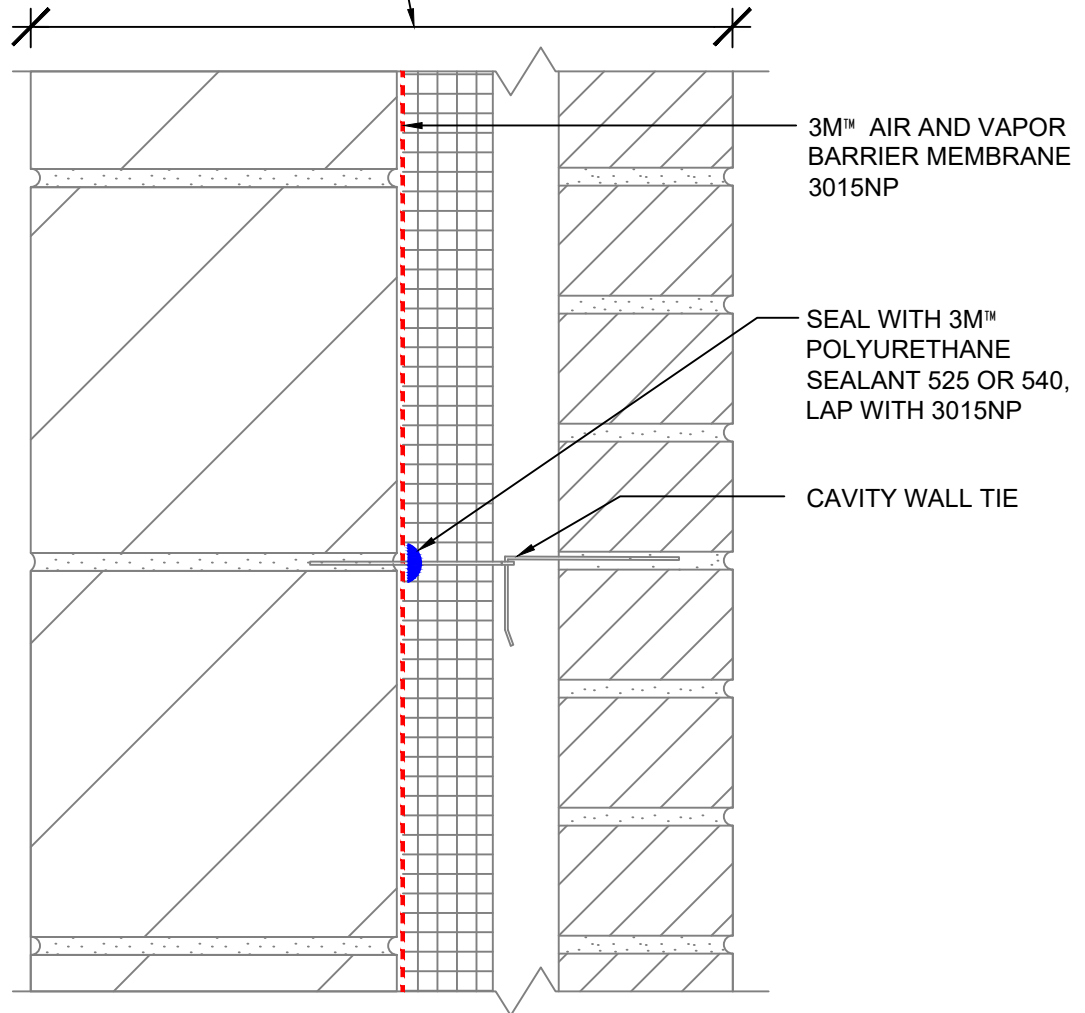


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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015UC, 525/540 | 03/12/21 | 3015NP-15.0C |
| TITLE: BRICK VENEER / CMU WALL THROUGH WALL PIPE OR DUCT PENETRATION | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

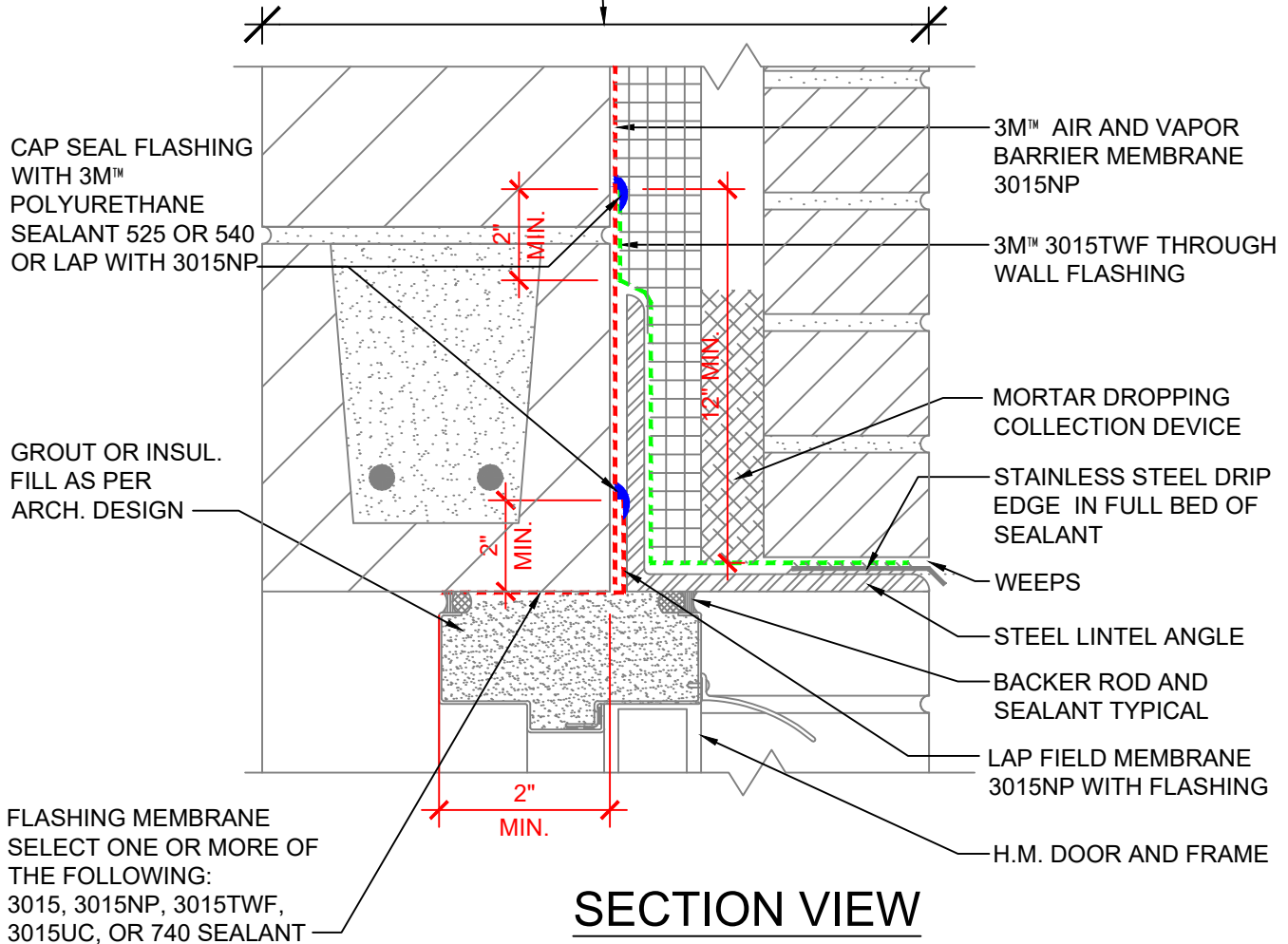
3M™ Air and Vapor Barrier Membrane 3015NP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 525/540 | 03/12/21 | 3015NP-16.0C |
| TITLE: BRICK VENEER / CMU WALL CAVITY WALL TIE | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015, 3015NP, 3015TWF,
3015UC, OR 740 SEALANT

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

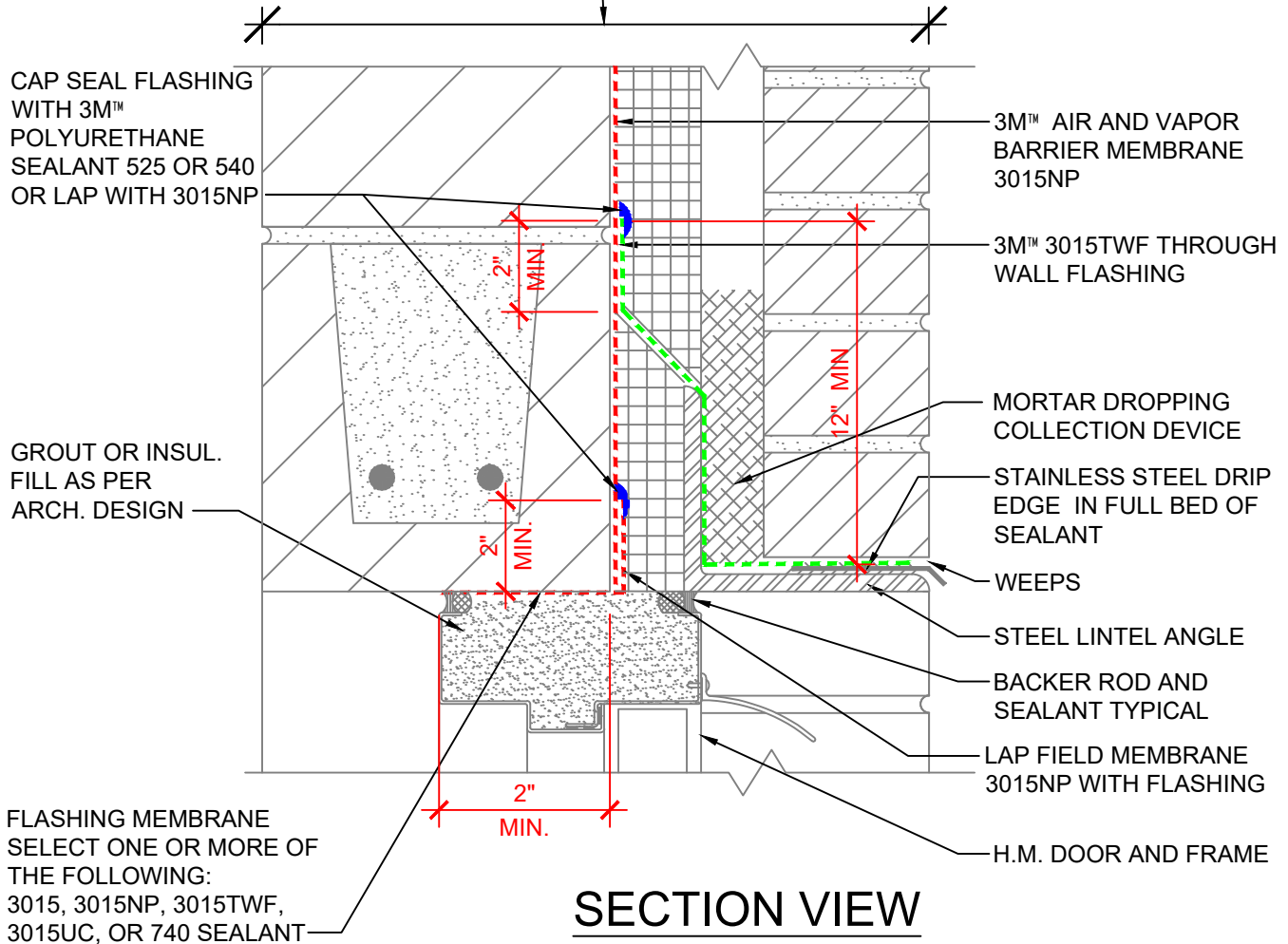
3M™ Air and Vapor Barrier Membrane 3015NP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC, OR 740 SEALANT | 03/12/21 | 3015NP-17.0C |
| TITLE: BRICK VENEER / CMU WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015NP, 3015TWF, 3015UC, OR 740 SEALANT

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

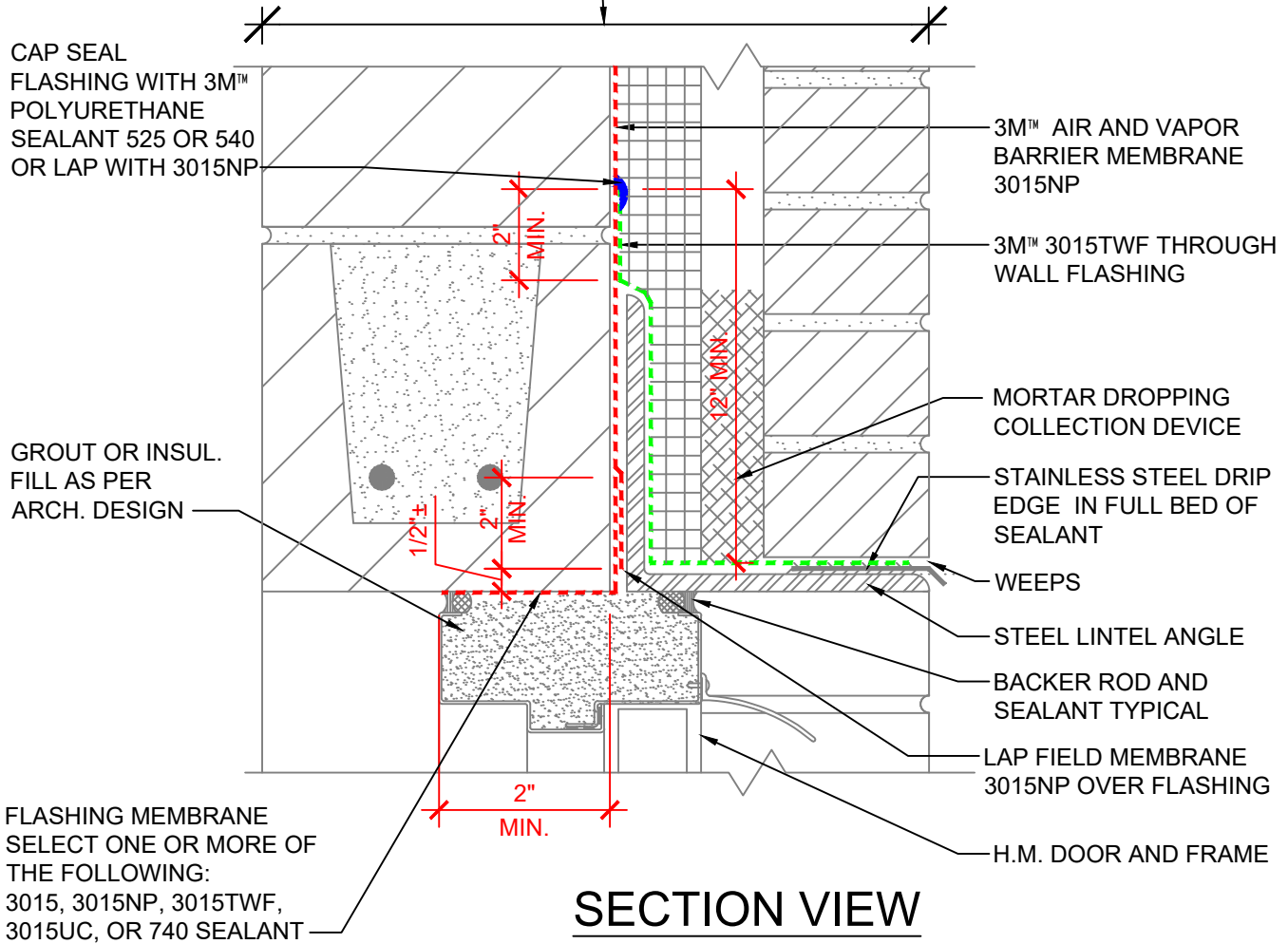
3M™ Air and Vapor Barrier Membrane 3015NP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC, OR 740 SEALANT | 03/12/21 | 3015NP-17.0D |
| TITLE: BRICK VENEER / CMU WALL H.M. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

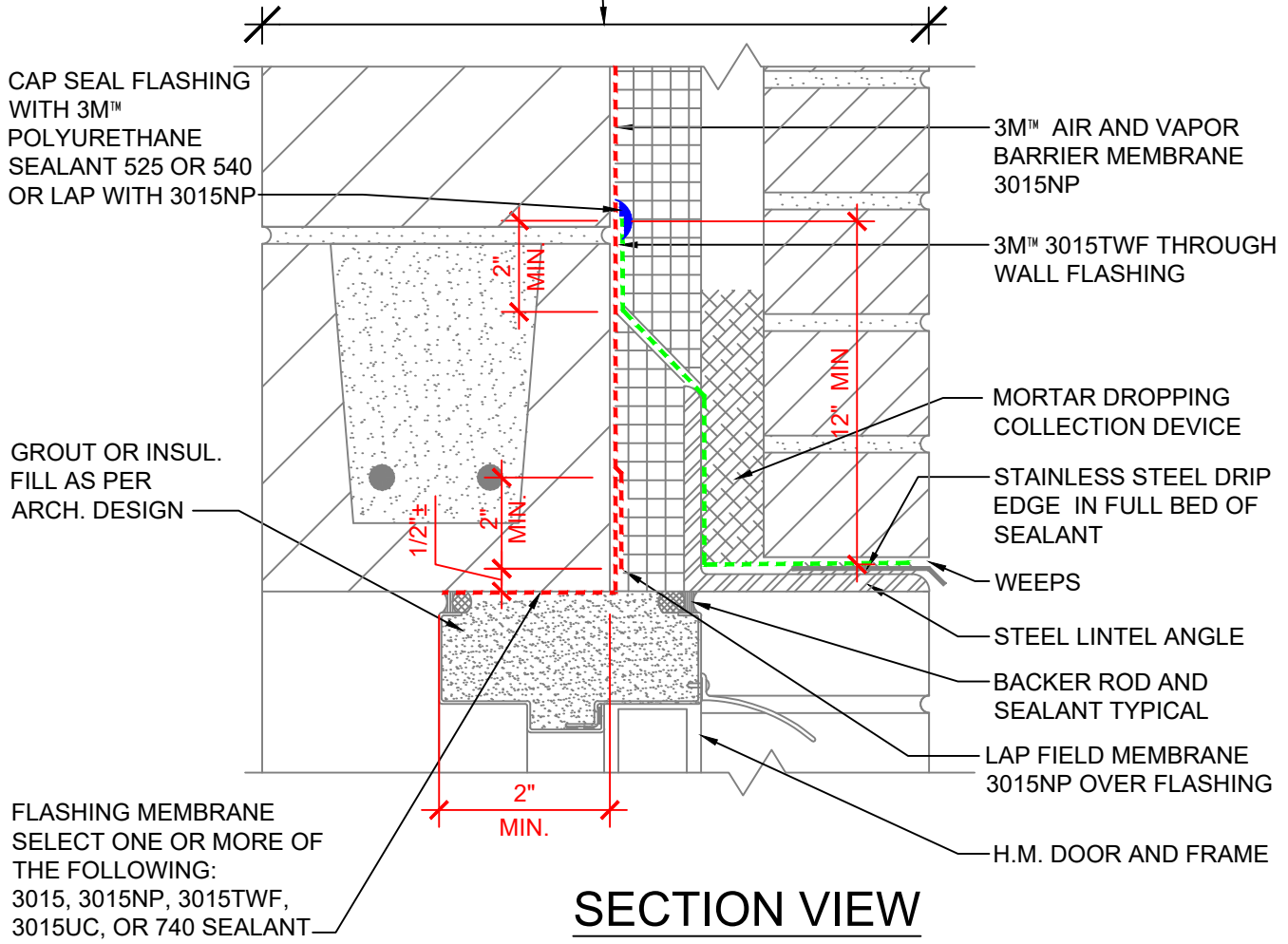
3M™ Air and Vapor Barrier Membrane 3015NP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC, OR 740 SEALANT | 03/12/21 | 3015NP-17.1C |
| TITLE: BRICK VENEER / CMU WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015NP, 3015TWF, 3015UC, OR 740 SEALANT

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0C FOR CONDITION AT CAVITY WALL TIES.

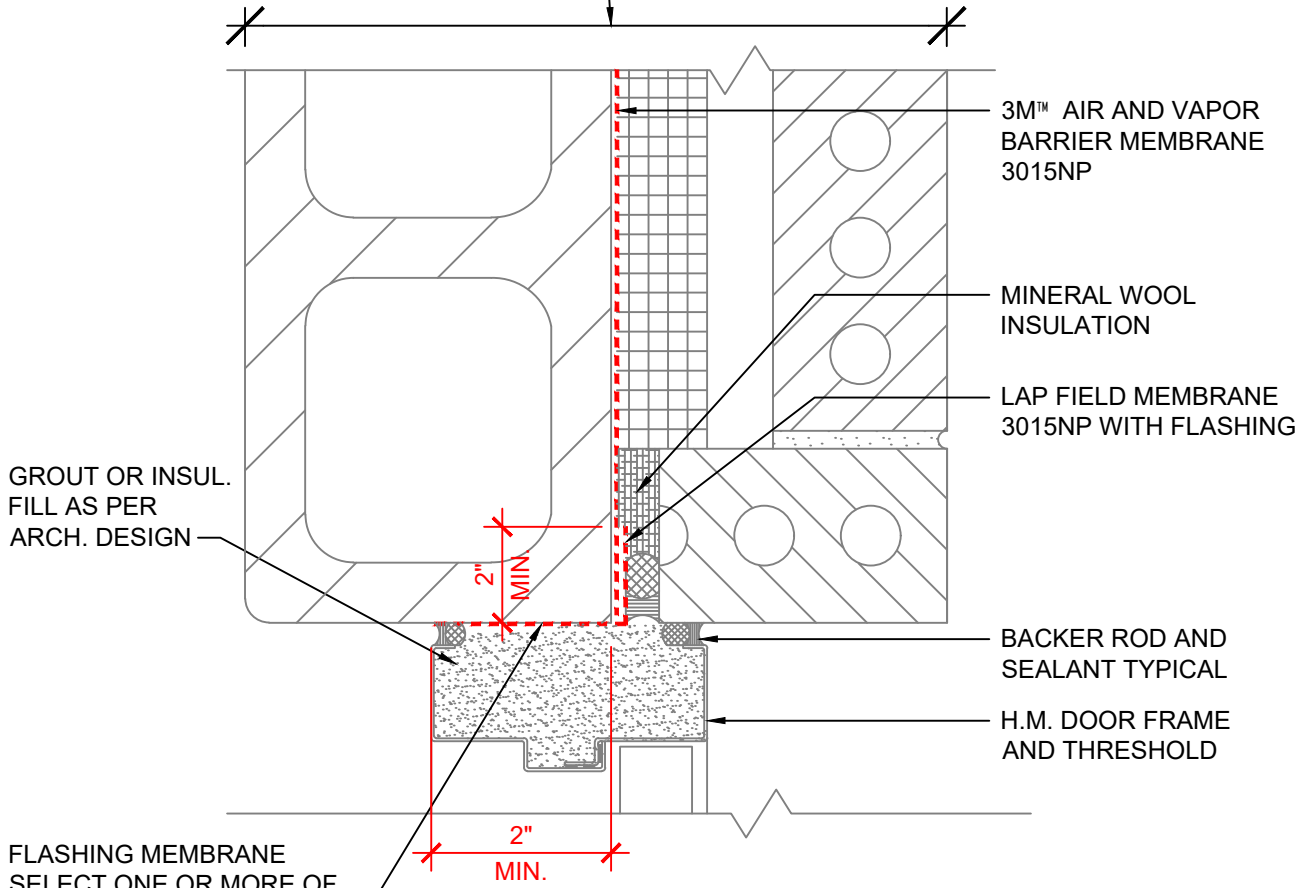
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015,3015UC, OR 740 SEALANT | 03/12/21 | 3015NP-17.1D |
| TITLE: BRICK VENEER / CMU WALL H.M. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



GROUT OR INSUL. FILL AS PER ARCH. DESIGN

3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP

MINERAL WOOL INSULATION

LAP FIELD MEMBRANE 3015NP WITH FLASHING

BACKER ROD AND SEALANT TYPICAL

H.M. DOOR FRAME AND THRESHOLD

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015NP, 3015TWF, 3015UC, OR 740 SEALANT-

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

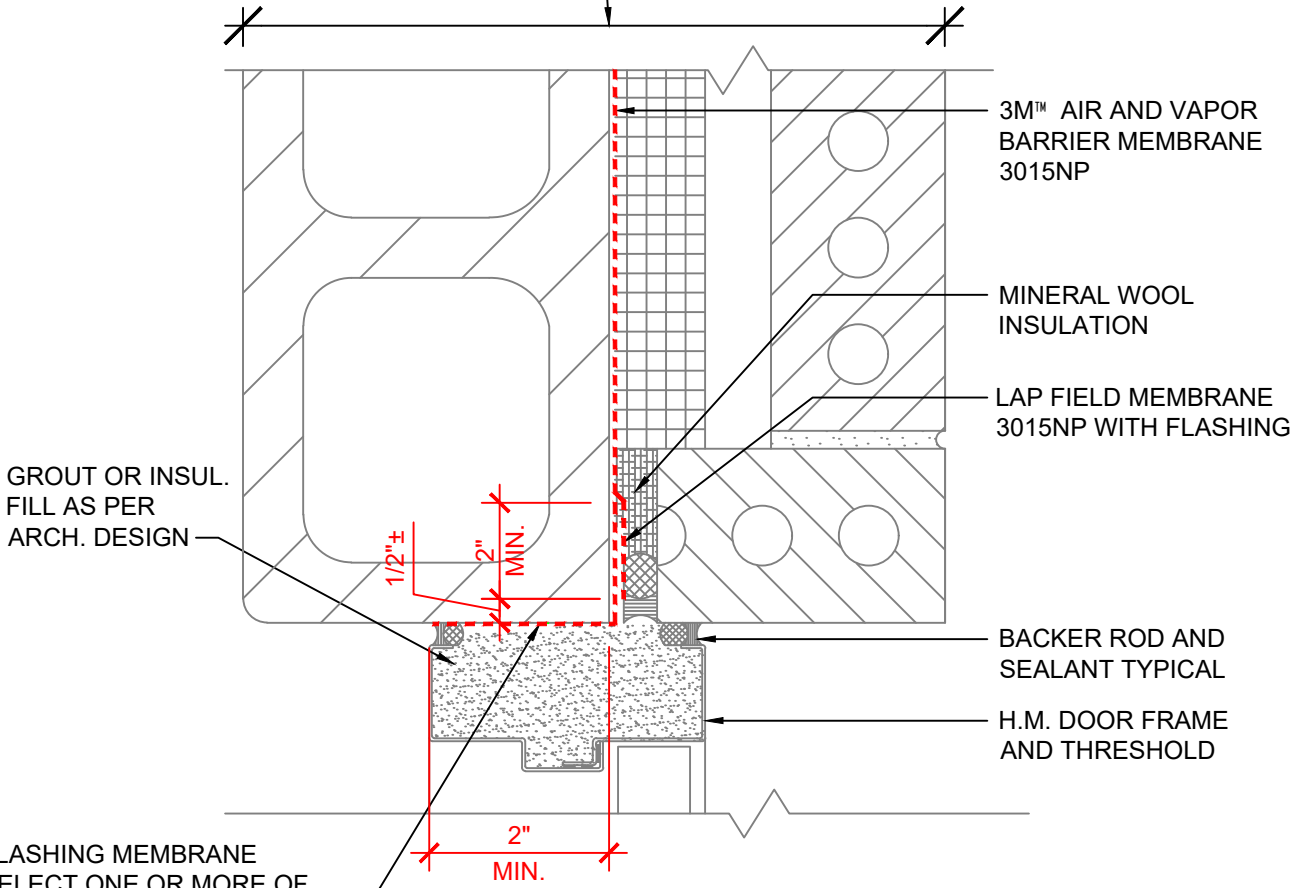
3M™ Air and Vapor Barrier Membrane 3015NP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH 3015, 3015TWF, 3015UC, OR 740 SEALANT | 03/12/21 | 3015NP-18.0C |
| TITLE: BRICK VENEER / CMU WALL H.M. DOOR JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- CONCRETE MASONRY UNIT
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



GROUT OR INSUL. FILL AS PER ARCH. DESIGN

3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP

MINERAL WOOL INSULATION

LAP FIELD MEMBRANE 3015NP WITH FLASHING

BACKER ROD AND SEALANT TYPICAL

H.M. DOOR FRAME AND THRESHOLD

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015NP, 3015TWF, 3015UC, OR 740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air and Vapor Barrier Membrane 3015NP

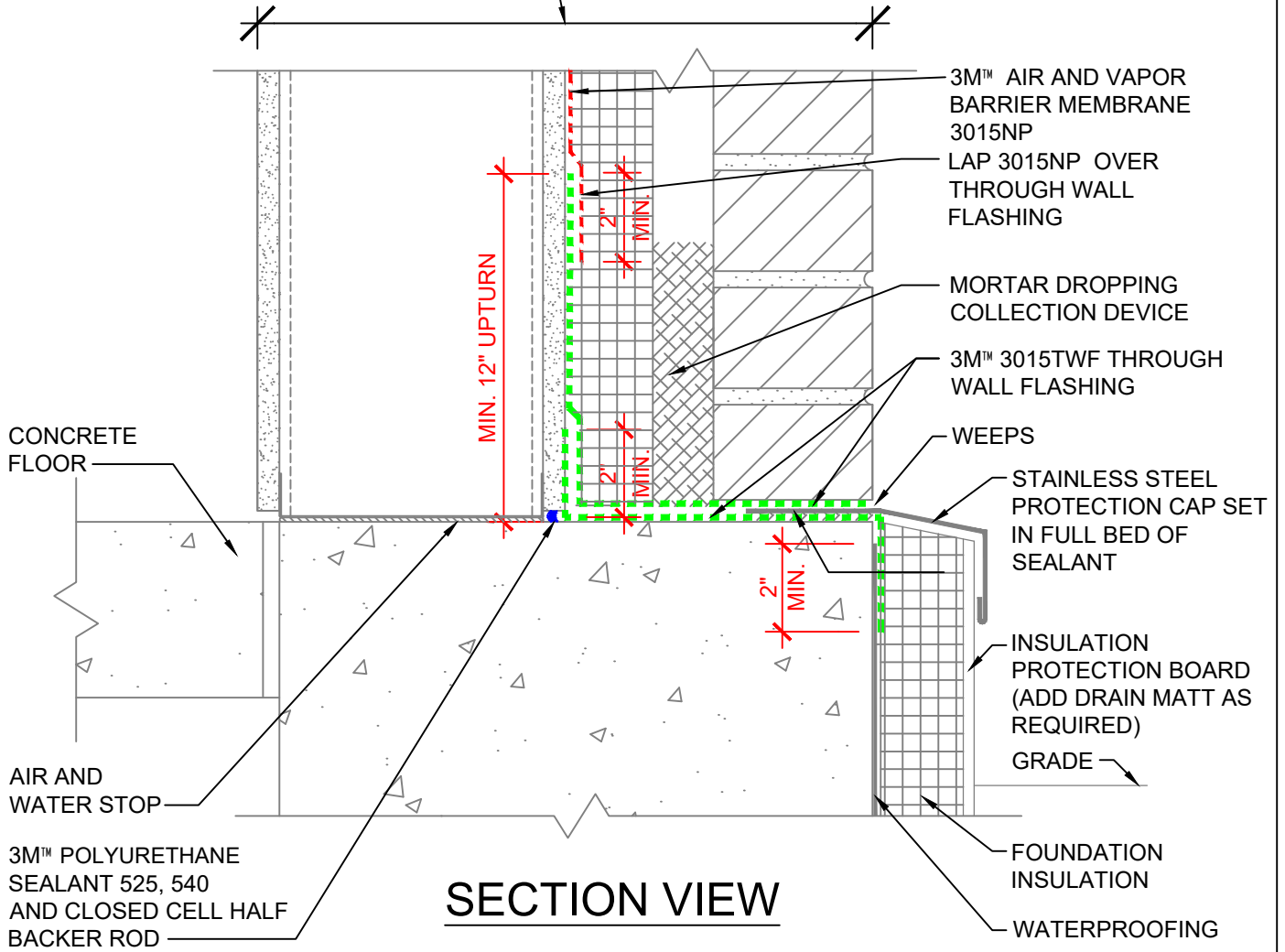


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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP WITH 3015, 3015TWF, 3015UC, OR 740 SEALANT | 03/12/21 | 3015NP-18.1C |
| TITLE: BRICK VENEER / CMU WALL H.M. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT FLOOR SLAB EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.
5. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air and Vapor Barrier Membrane 3015NP

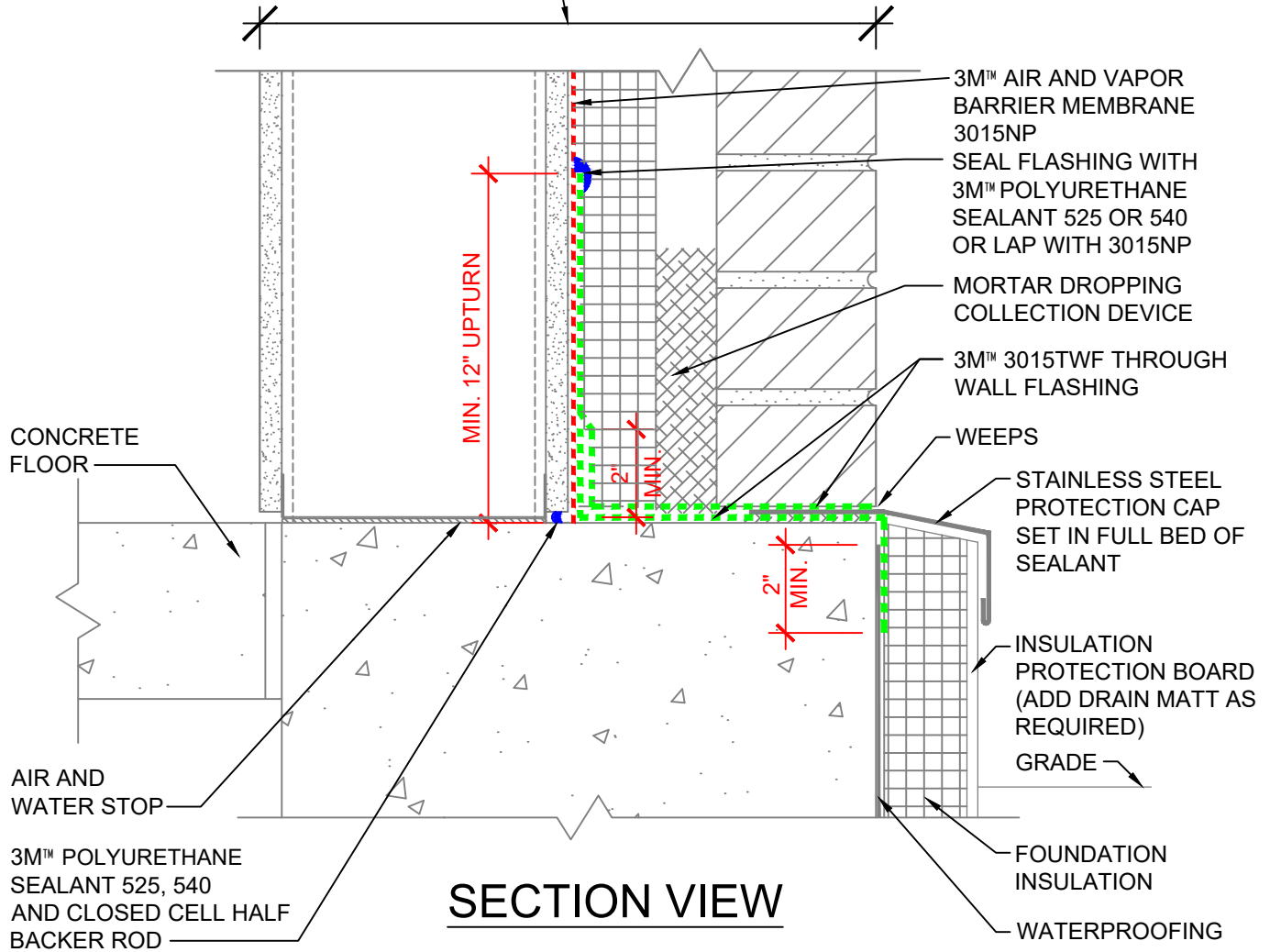


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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-1.0A |
| TITLE: BRICK VENEER STEEL / WOOD STUD WALL BASE (IN SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT FLOOR SLAB EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES
5. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air and Vapor Barrier Membrane 3015NP

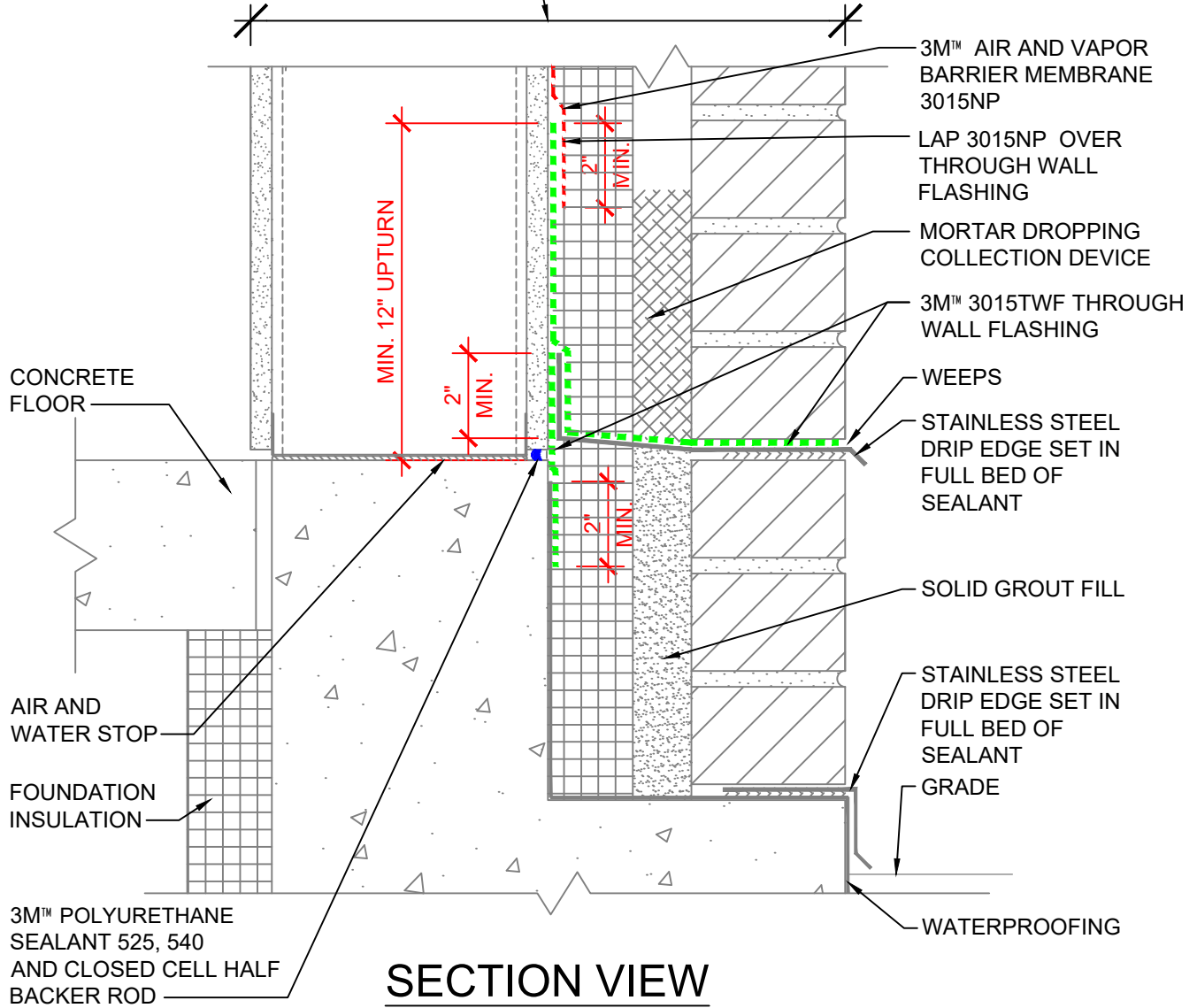


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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-1.1A |
| TITLE: BRICK VENEER / STEEL/WOOD STUD WALL BASE (OUT OF SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT FLOOR SLAB EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.
5. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|-----------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-1.2A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL BASE / BRICK LEDGE (IN SEQUENCE) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

PARAPET DESIGN BY OTHERS
CONSIST OF:

- PLYWOOD
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

WRAP BLOCKING WITH 3015TWF

ROOF WATERPROOFING MEMBRANE

CONCRETE SLAB

DEFLECTION TRACK
DEFLECTION JOINT DETAILED WITH 6" WIDE 3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP. MIN. 2" ON EACH SIDE OF JOINT OVER CLOSED CELL HALF BACKER ROD & 3M™ POLYURETHANE SEALANT 525 OR 540

COPING

WOOD BLOCKING AND COPING SUPPORT

3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™525 OR 540 SEALANT.
3. FOR ALTERNATIVE DETAILING OF DEFLECTION JOINT USE 3M 525/540 SEALANT OVER CLOSED CELL BACKER ROD AND COVER WITH 1-LAYER OF 3M™ 3015TWF UNDER FIELD AREA MEMBRANE.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

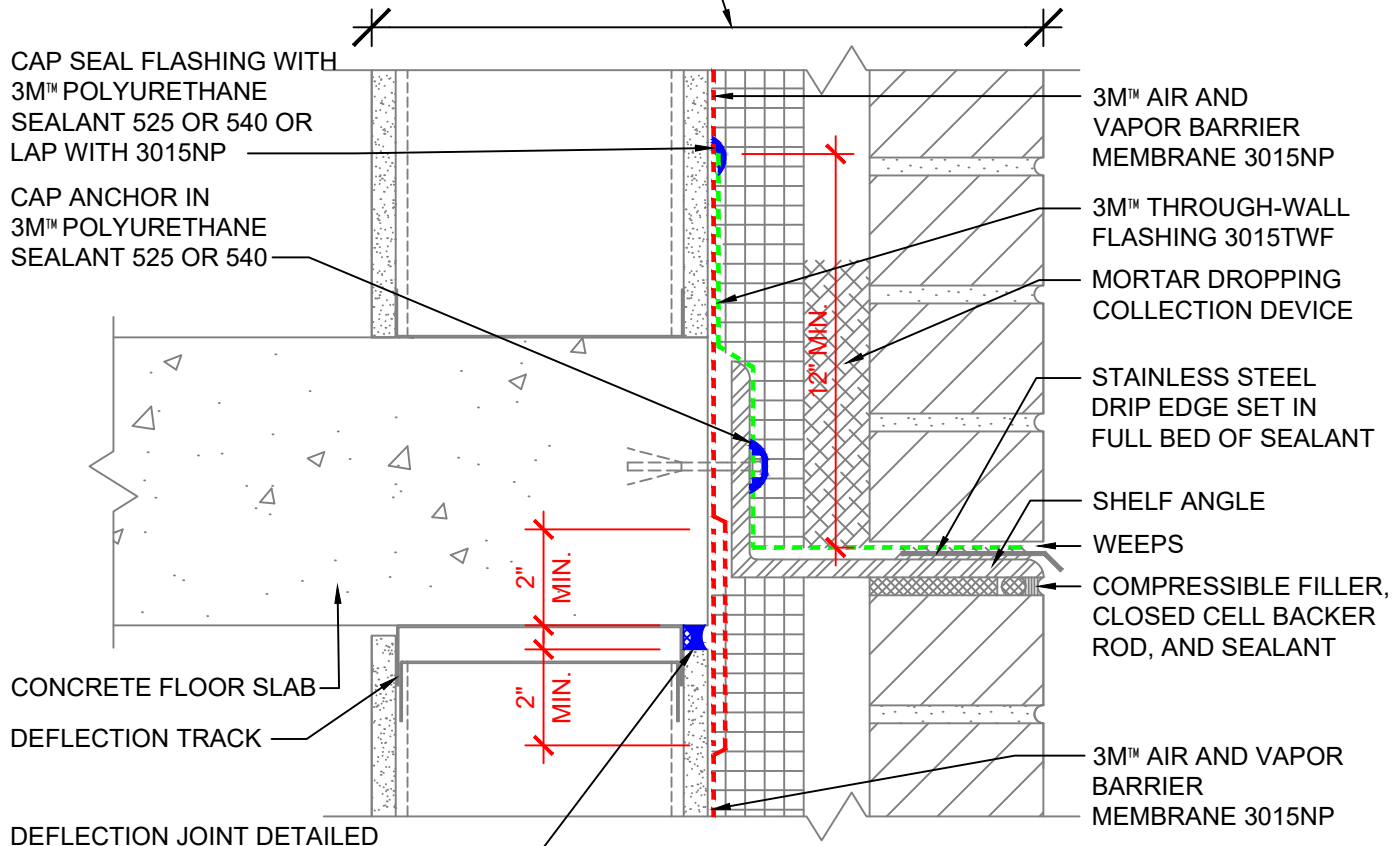
3M™ Air and Vapor Barrier Membrane 3015NP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 525/540 | 03/12/21 | 3015NP-2.0A |
| TITLE: BRICK VENEER / STEEL STUD WALL PARAPET WITH DEFLECTION JOINT DETAIL | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. FOR ALTERNATIVE DETAILING OF DEFLECTION JOINT USE 3M 525/540 SEALANT OVER CLOSED CELL BACKER ROD AND COVER WITH 1-LAYER OF 3M™ 3015TWF UNDER FIELD AREA MEMBRANE.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP

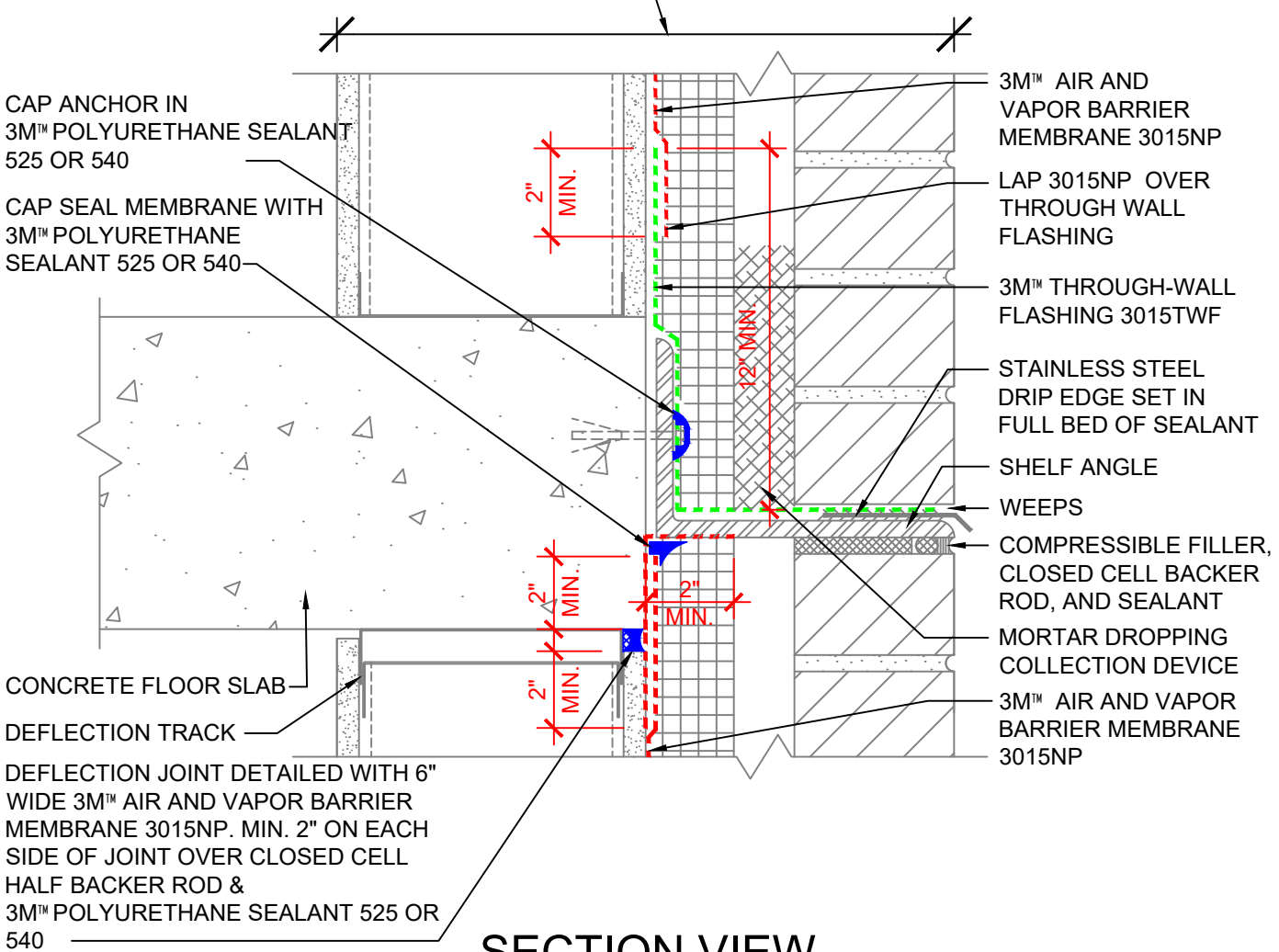


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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-3.0A |
| TITLE: BRICK VENEER / STEEL / STUD WALL SHELF ANGLE (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. FOR ALTERNATIVE DETAILING OF DEFLECTION JOINT USE 3M 525/540 SEALANT OVER CLOSED CELL BACKER ROD AND COVER WITH 1-LAYER OF 3M™ 3015TWF.
4. SEAL BUTT JOINT IN SHELF ANGLE AT FLOOR SLAB WITH 3M™ 525/540 SEALANT.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

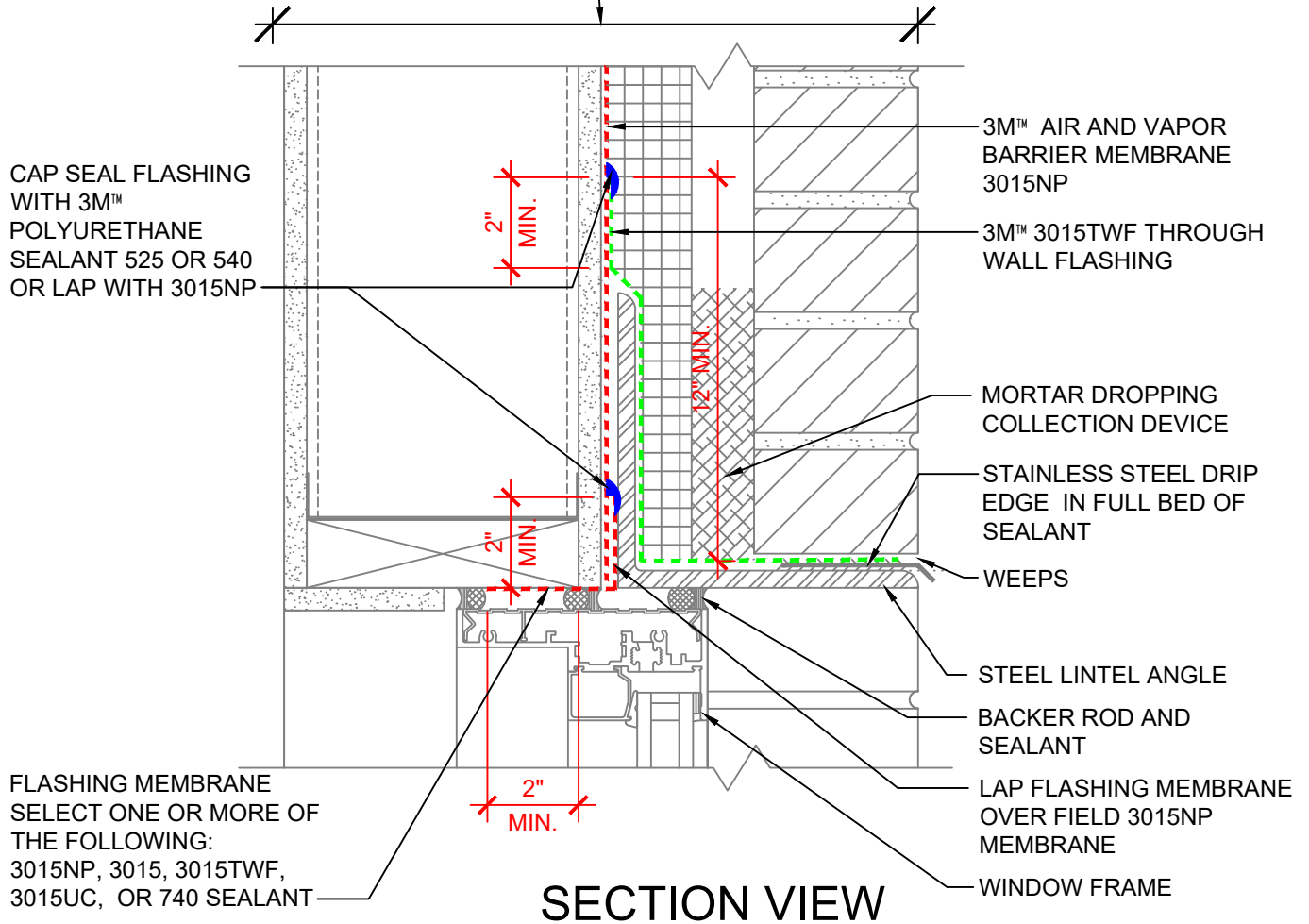
3M™ Air and Vapor Barrier Membrane 3015NP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-3.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL AT SHELF ANGLE (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015NP, 3015, 3015TWF,
3015UC, OR 740 SEALANT

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

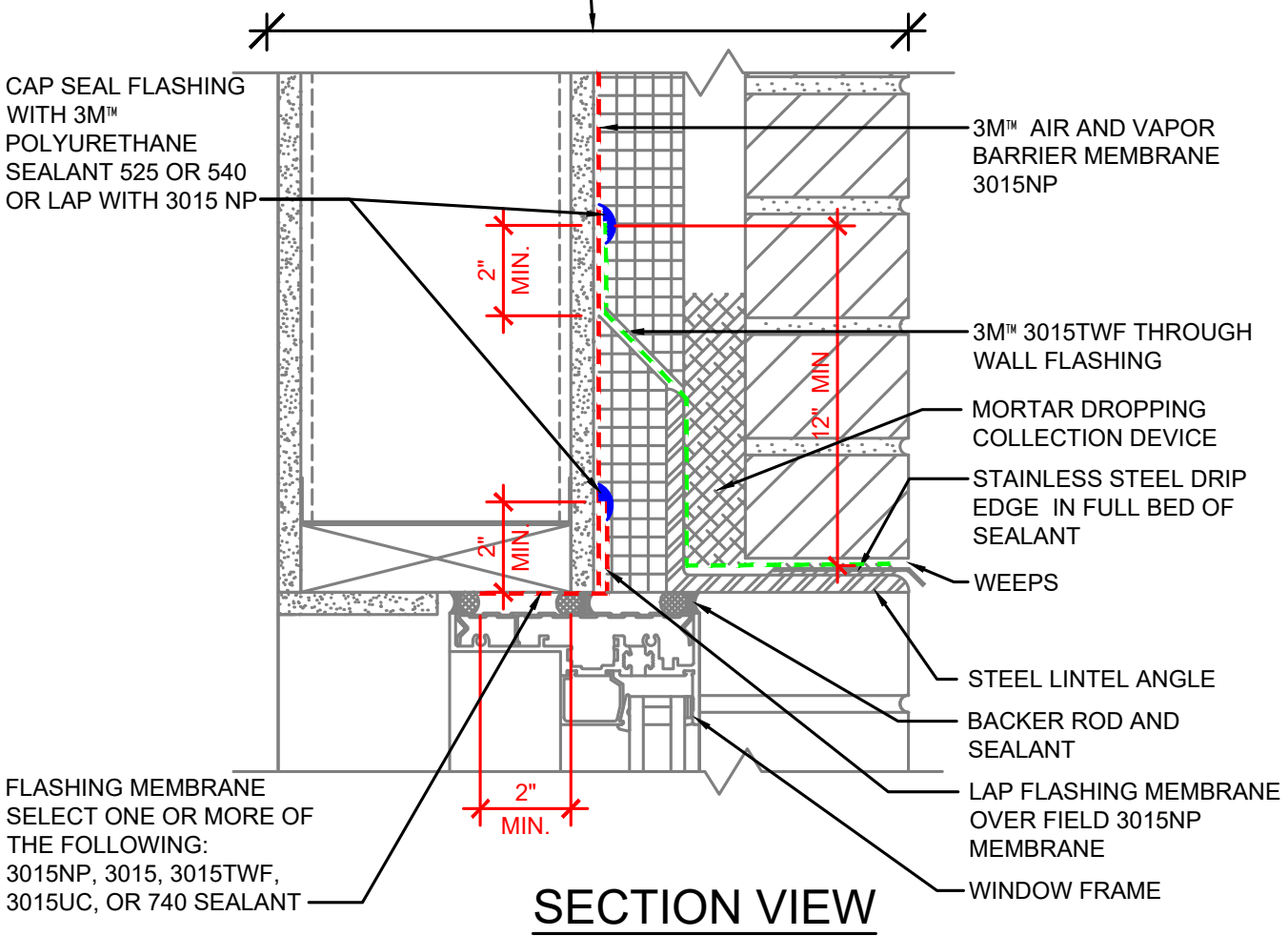
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 3015UC, AND 3015, 525/540 OR 740 SEALANT | 03/12/21 | 3015NP-4.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING:
3015NP, 3015, 3015TWF,
3015UC, OR 740 SEALANT

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

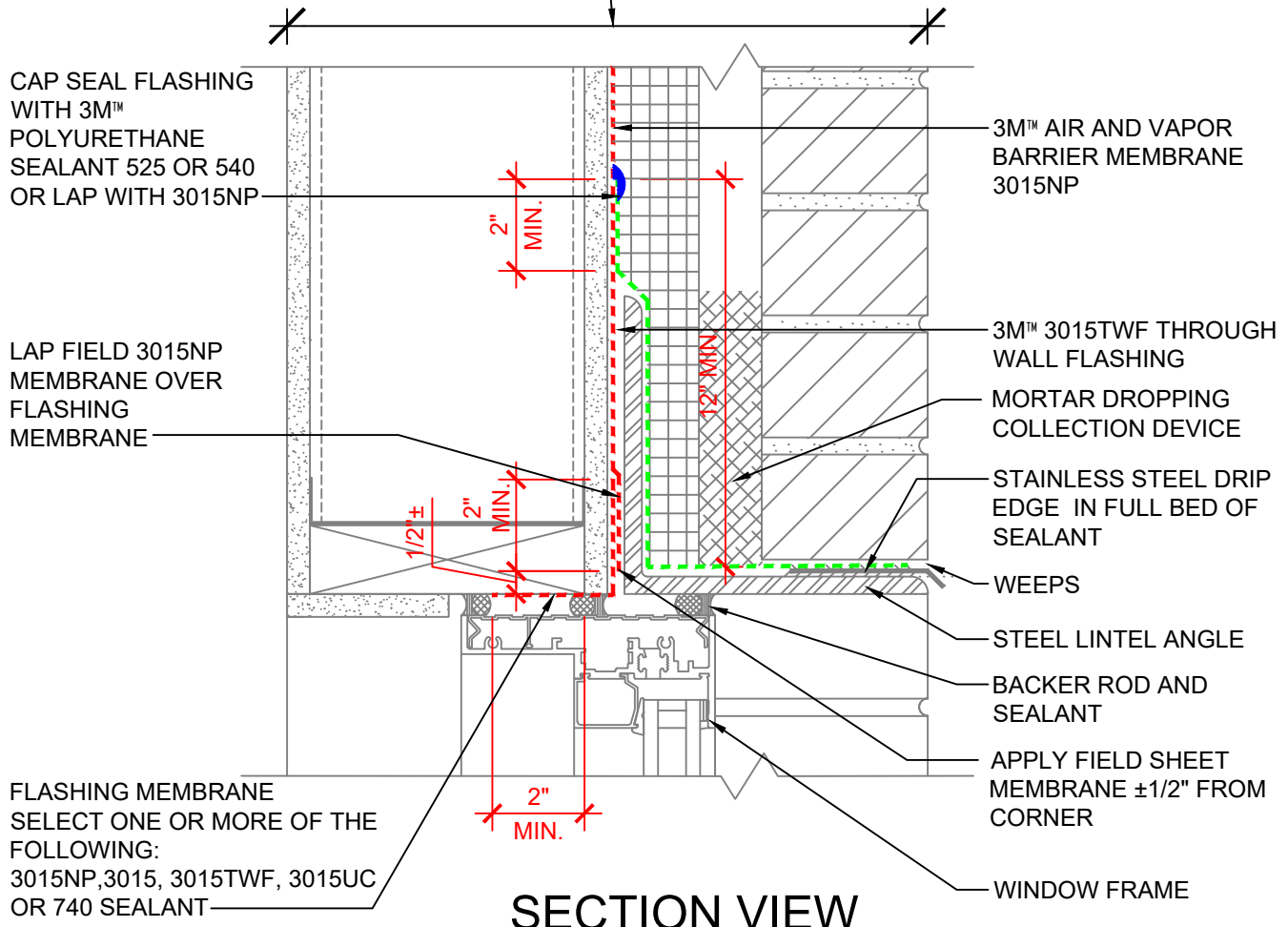
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 3015UC, 525/540 3015, OR 740 SEALANT | 03/12/21 | 3015NP-4.0B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE WINDOW/DOOR MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

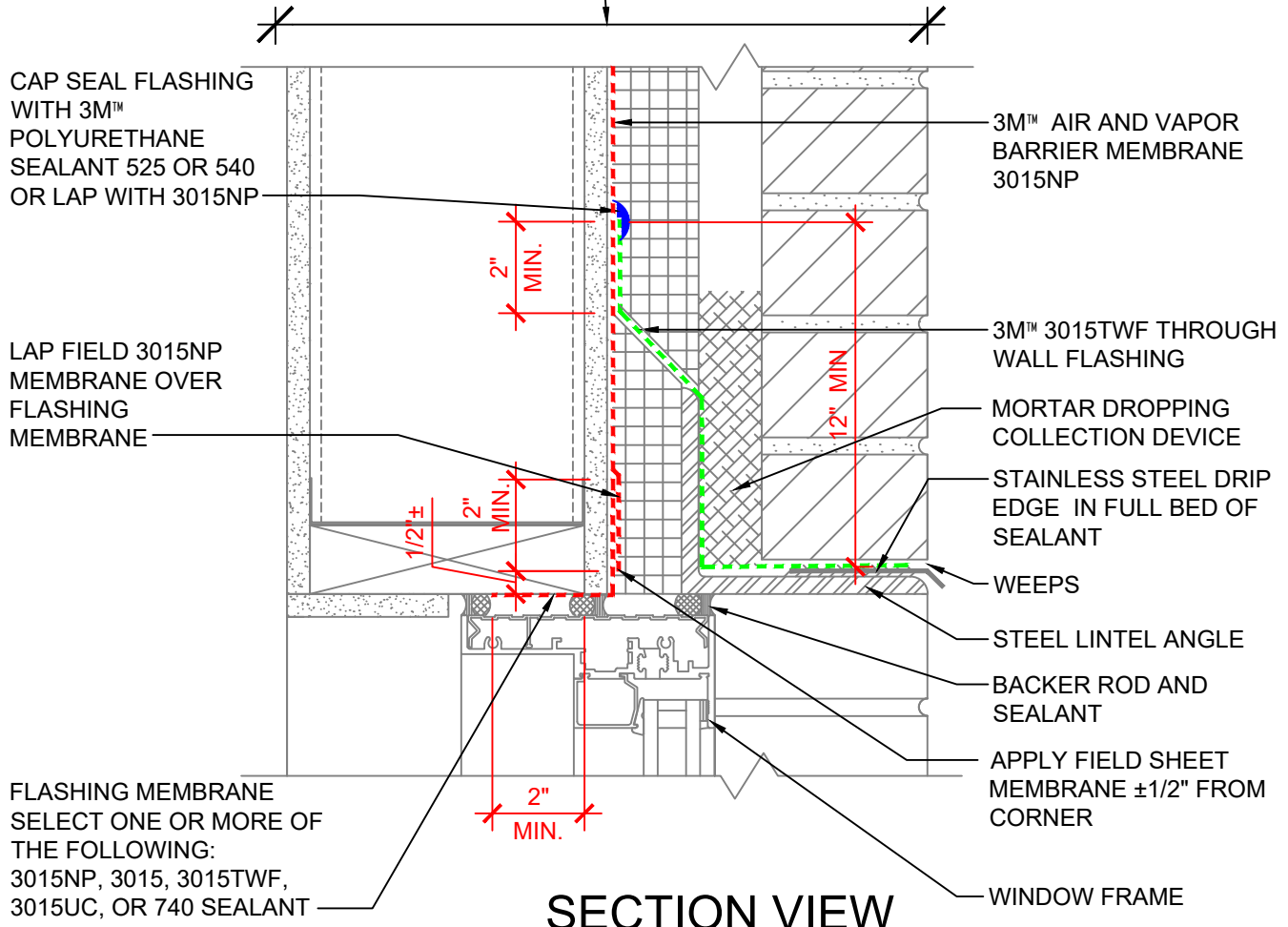
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 3015UC, 525/540, 3015 OR 740 SEALANT | 03/12/21 | 3015NP-4.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

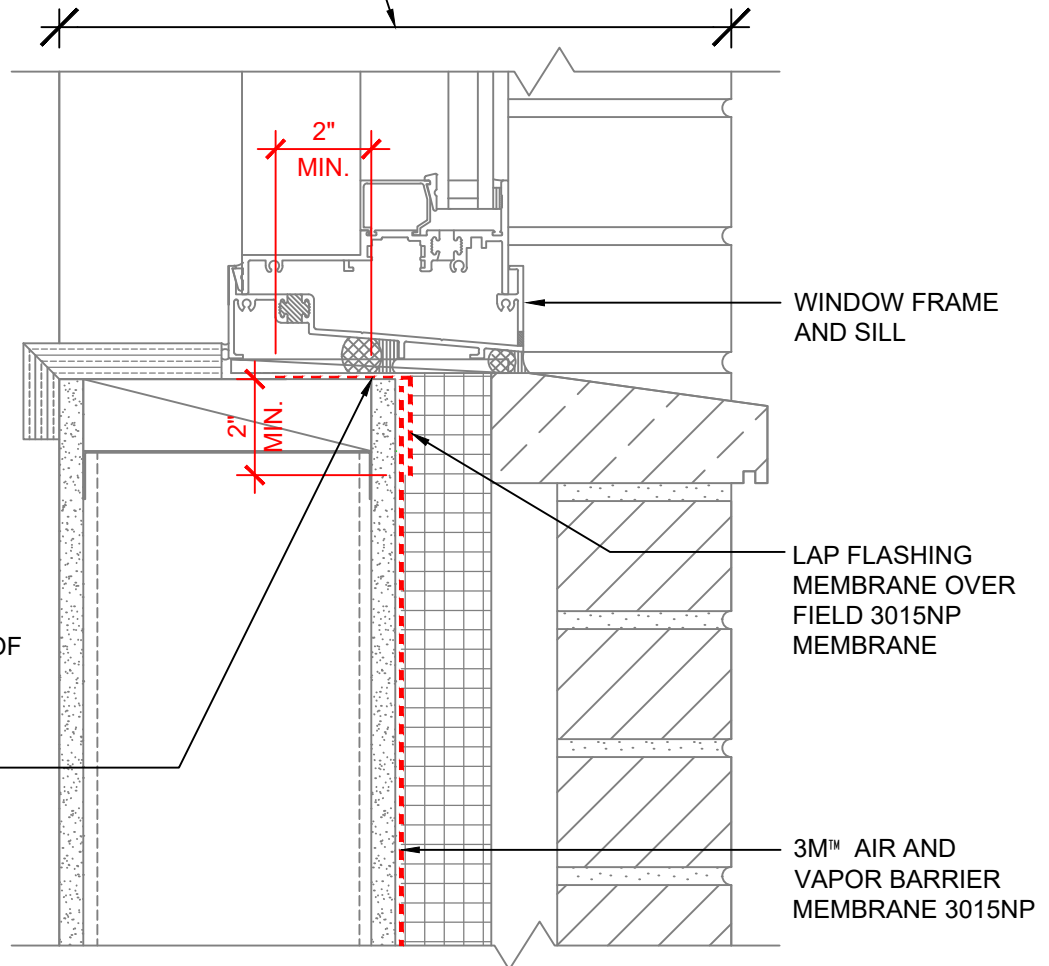
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 3015UC, 525/540, 3015 OR 740 SEALANT | 03/12/21 | 3015NP-4.1B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP

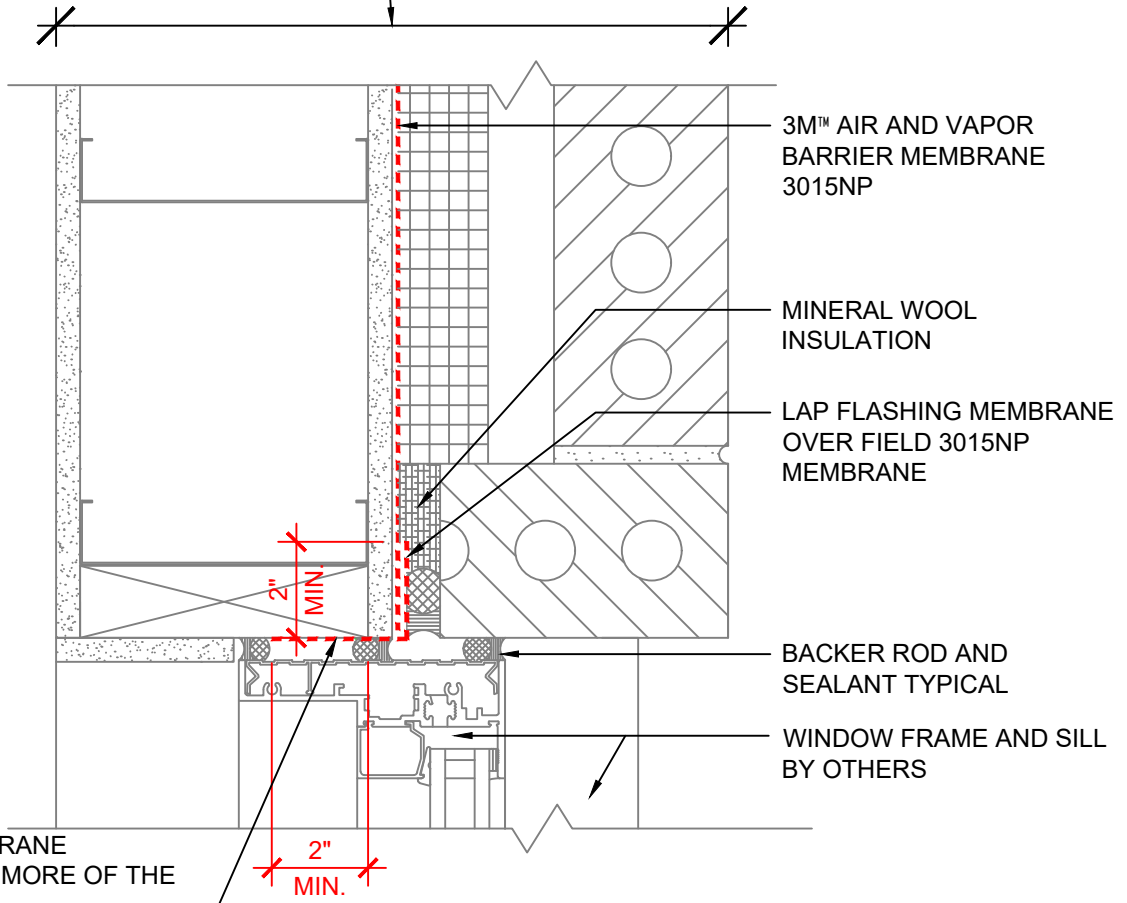


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|--|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, WITH 3015TWF, 3015UC, 3015 OR 740 SEALANT | 03/12/21 | 3015NP-5.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW SILL | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



FLASHING MEMBRANE
 SELECT ONE OR MORE OF THE
 FOLLOWING:
 3015NP, 3015, 3015TWF, 3015UC,
 OR 740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air and Vapor Barrier Membrane 3015NP

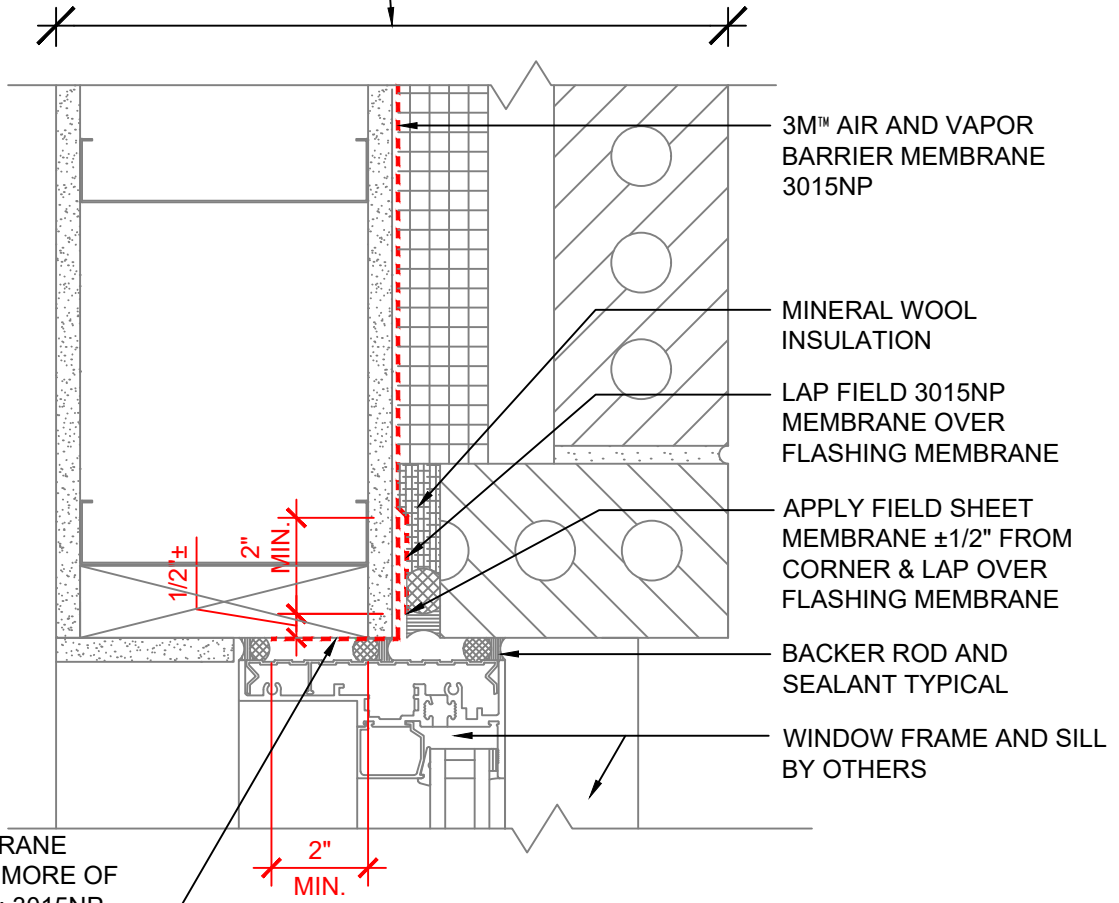


| | | |
|---|-----------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-6.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | B.L.F | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING: 3015NP,
3015, 3015TWF, 3015UC,
OR 740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

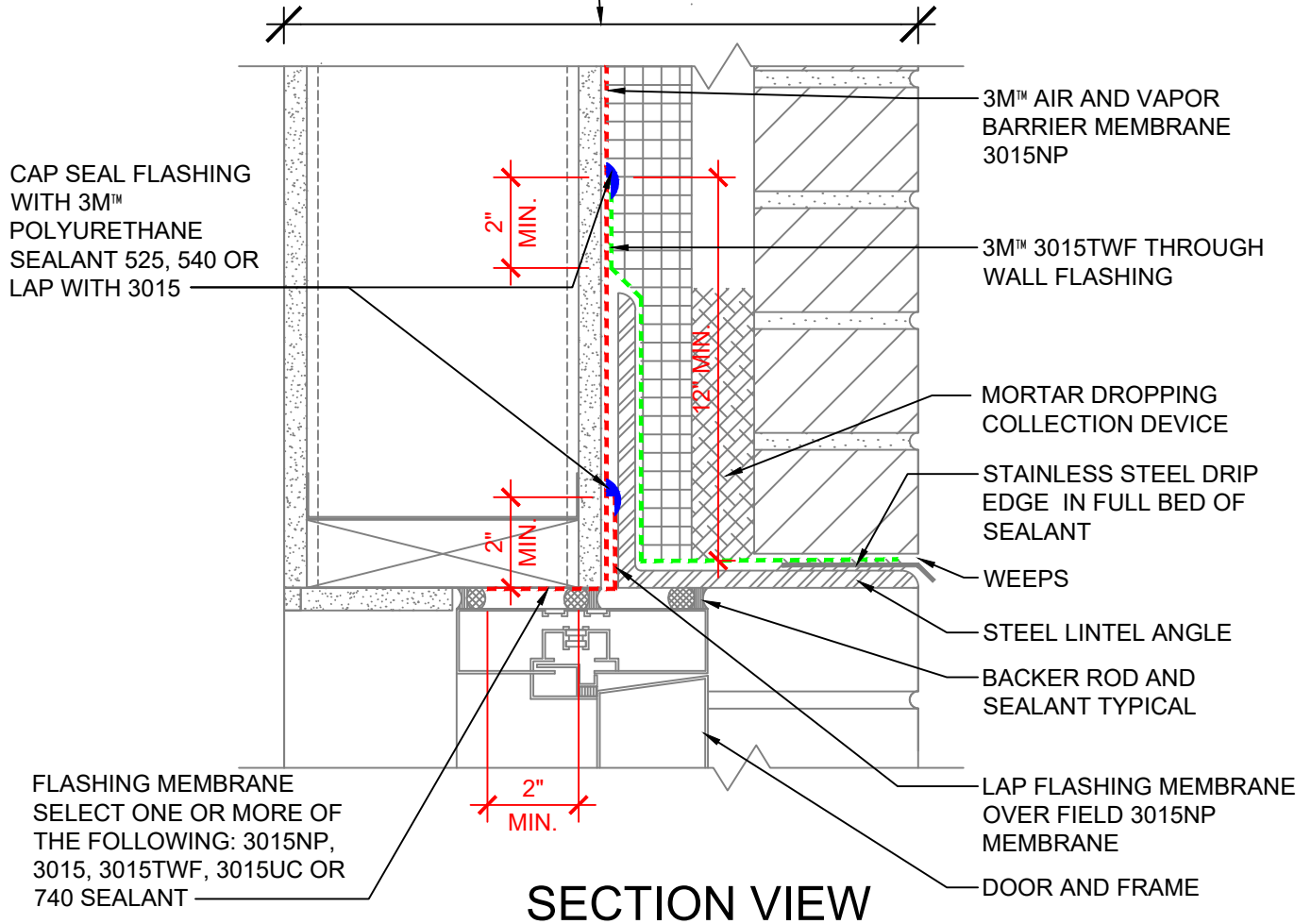
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-6.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
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5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

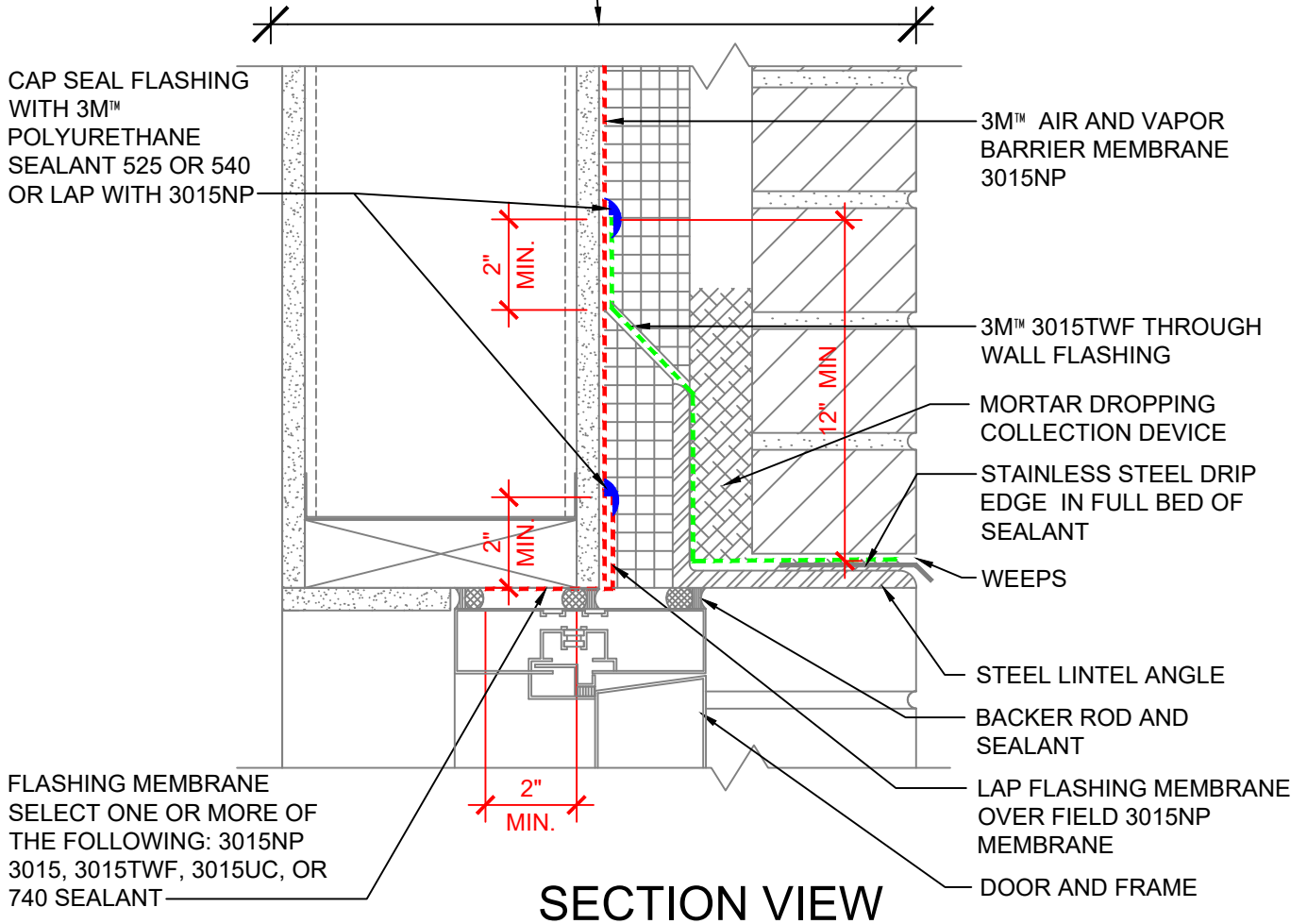
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-7.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING: 3015NP
3015, 3015TWF, 3015UC, OR
740 SEALANT

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

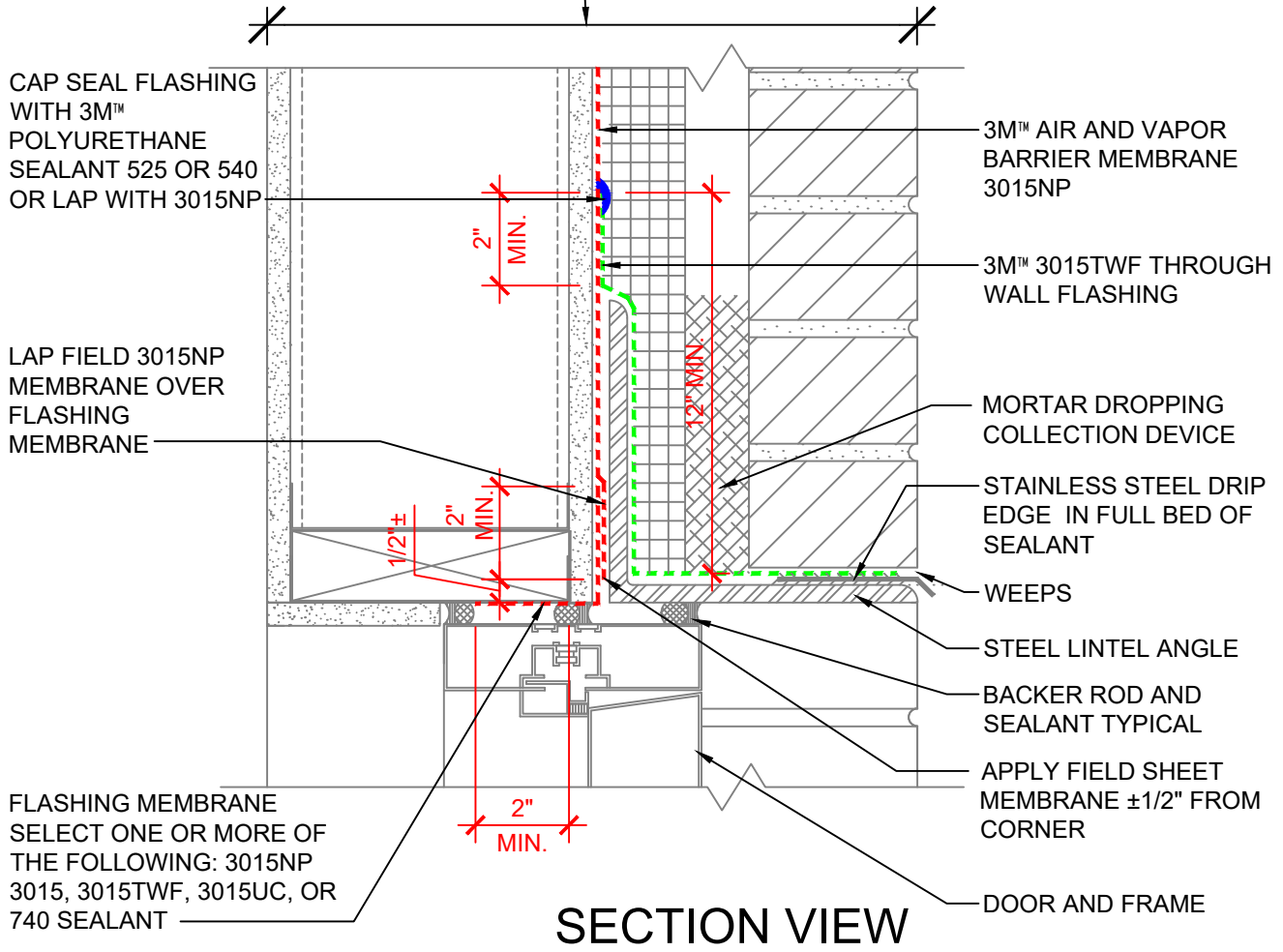
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-7.0B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

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- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
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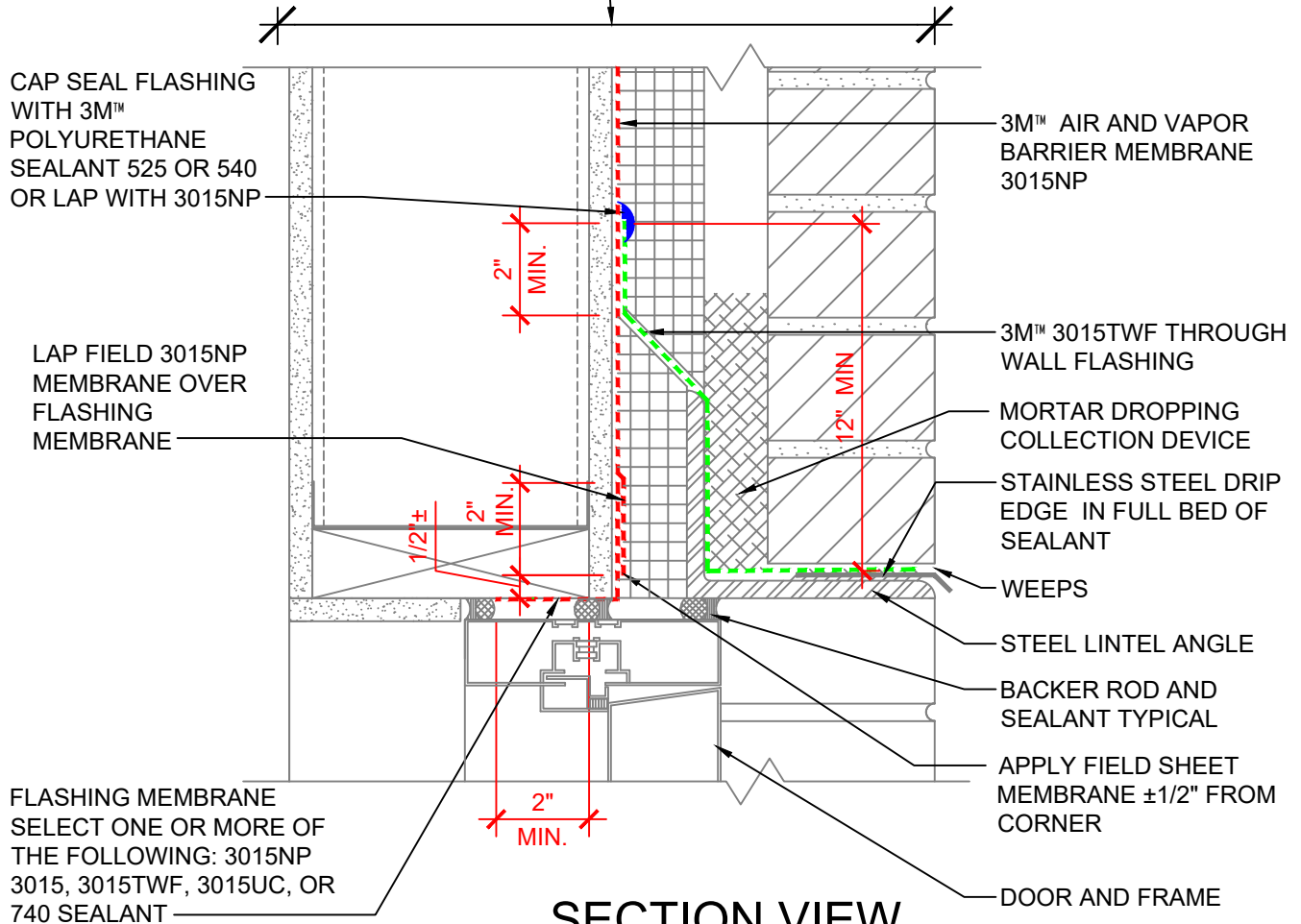
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|-----------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-7.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F | |

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 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
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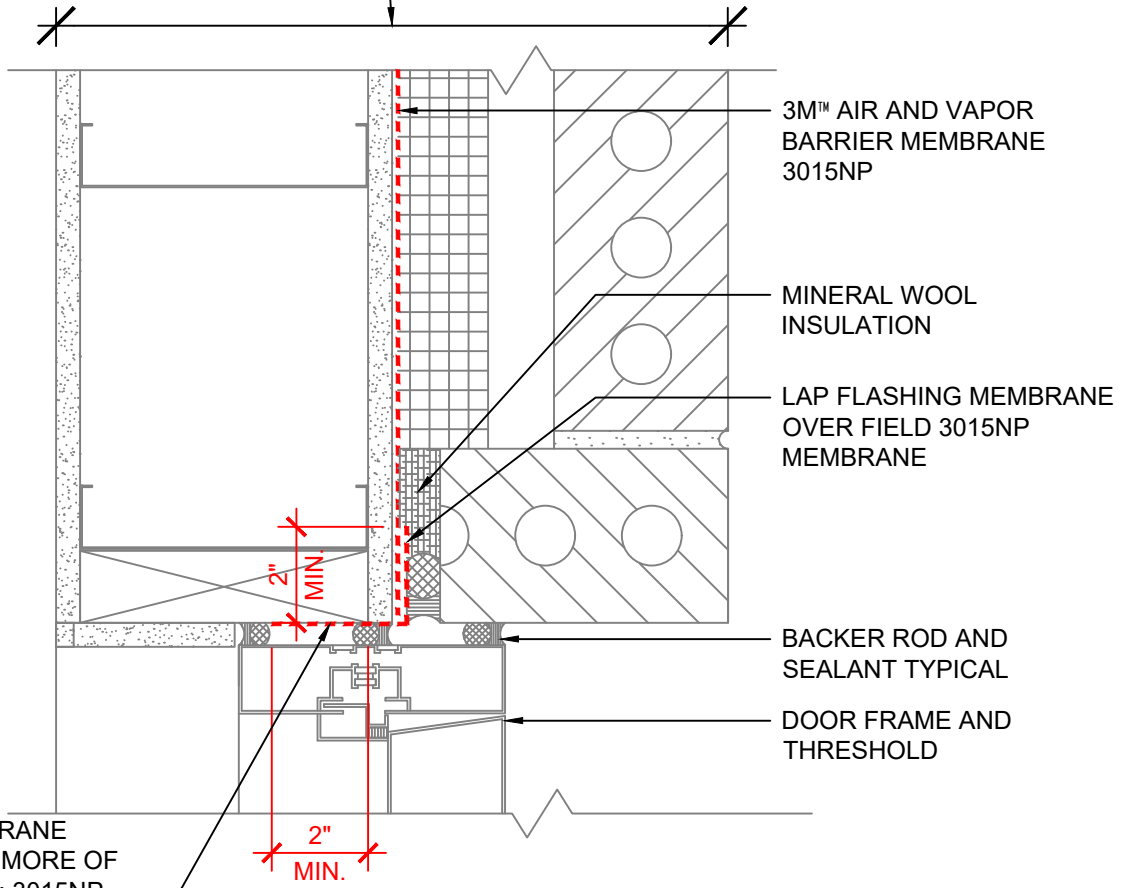
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-7.1B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

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 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING: 3015NP,
3015, 3015TWF, 3015UC OR
740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

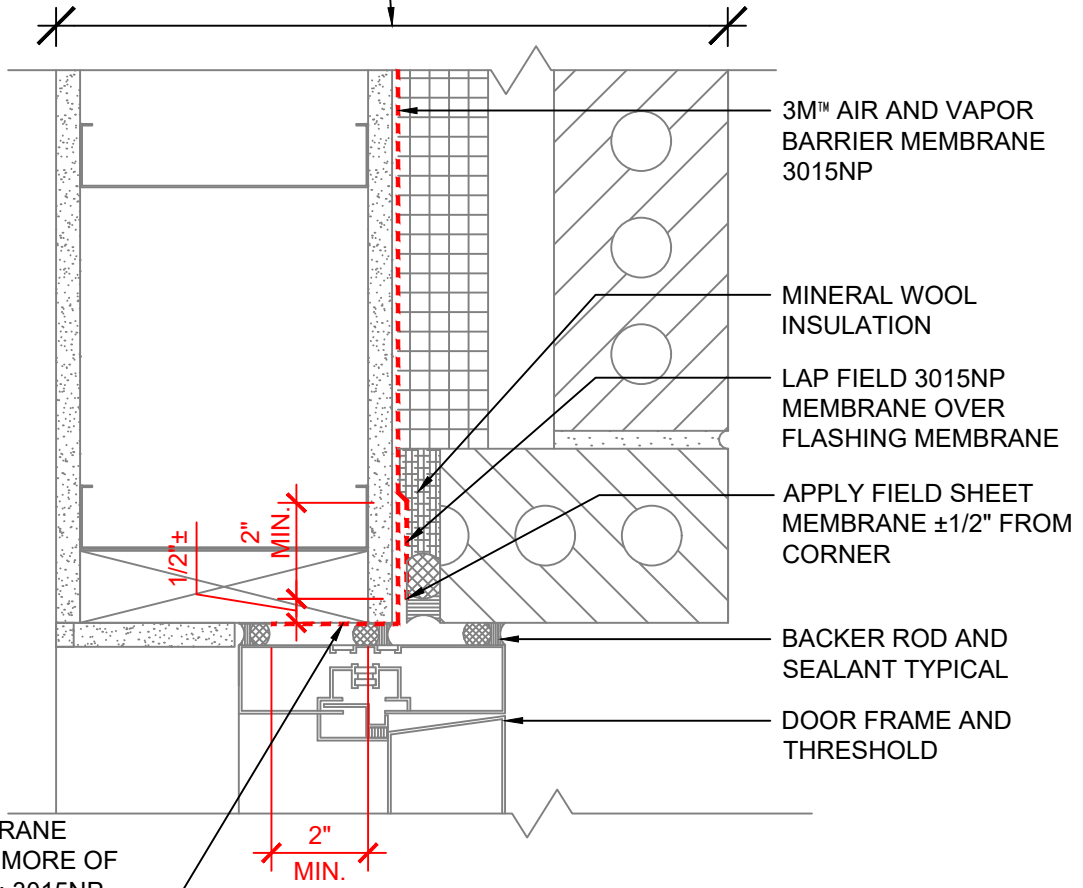
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-8.0A |
| TITLE: BRICK VENEER / STEEL STUD WALL ALUM. DOOR JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



FLASHING MEMBRANE
SELECT ONE OR MORE OF
THE FOLLOWING: 3015NP
3015, 3015TWF, 3015UC OR
740 SEALANT

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR AND VAPOR BARRIER 3015NP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air and Vapor Barrier Membrane 3015NP

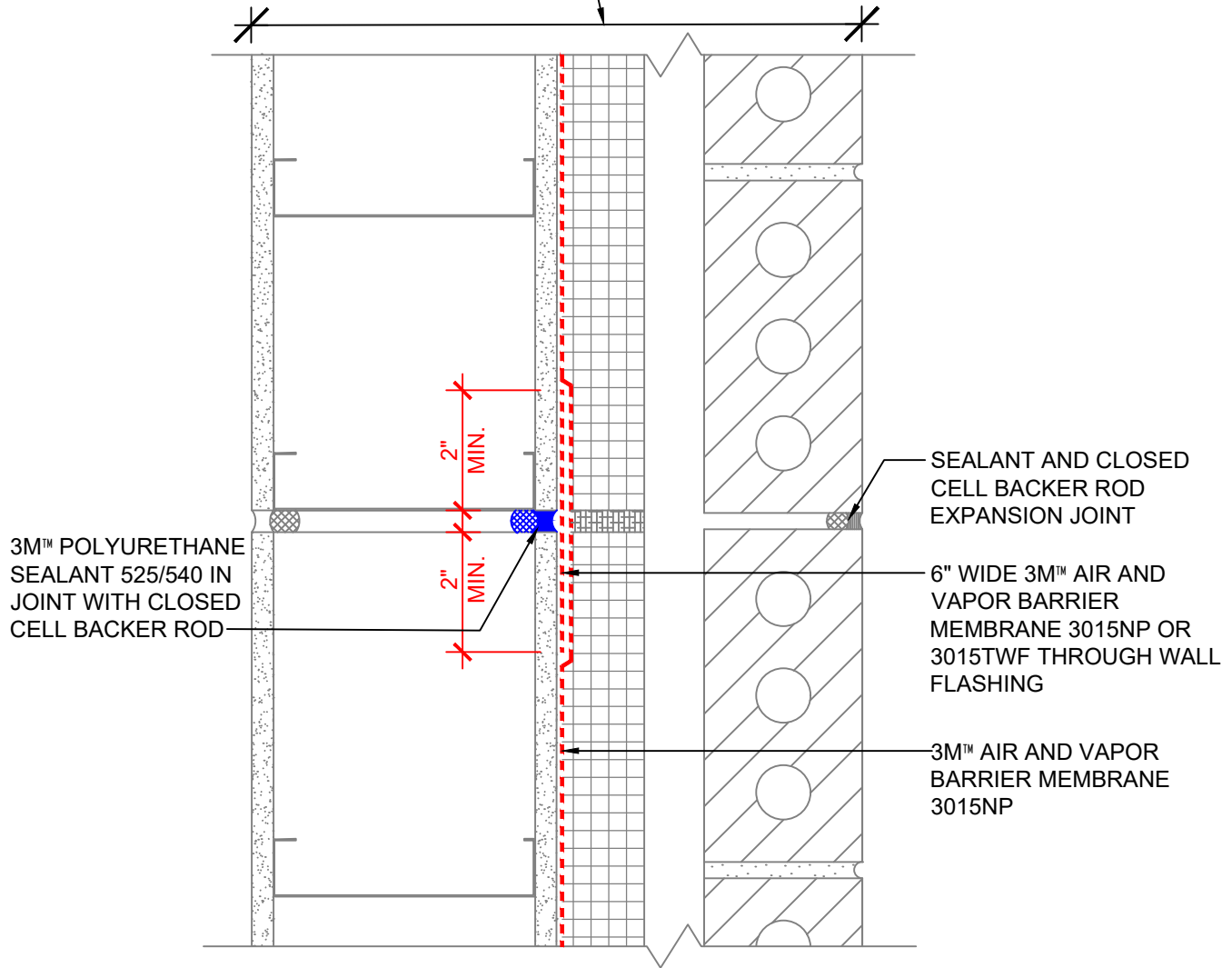


| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-8.1A |
| TITLE: BRICK VENEER / STEEL STUD WALL ALUM. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air and Vapor Barrier Membrane 3015NP

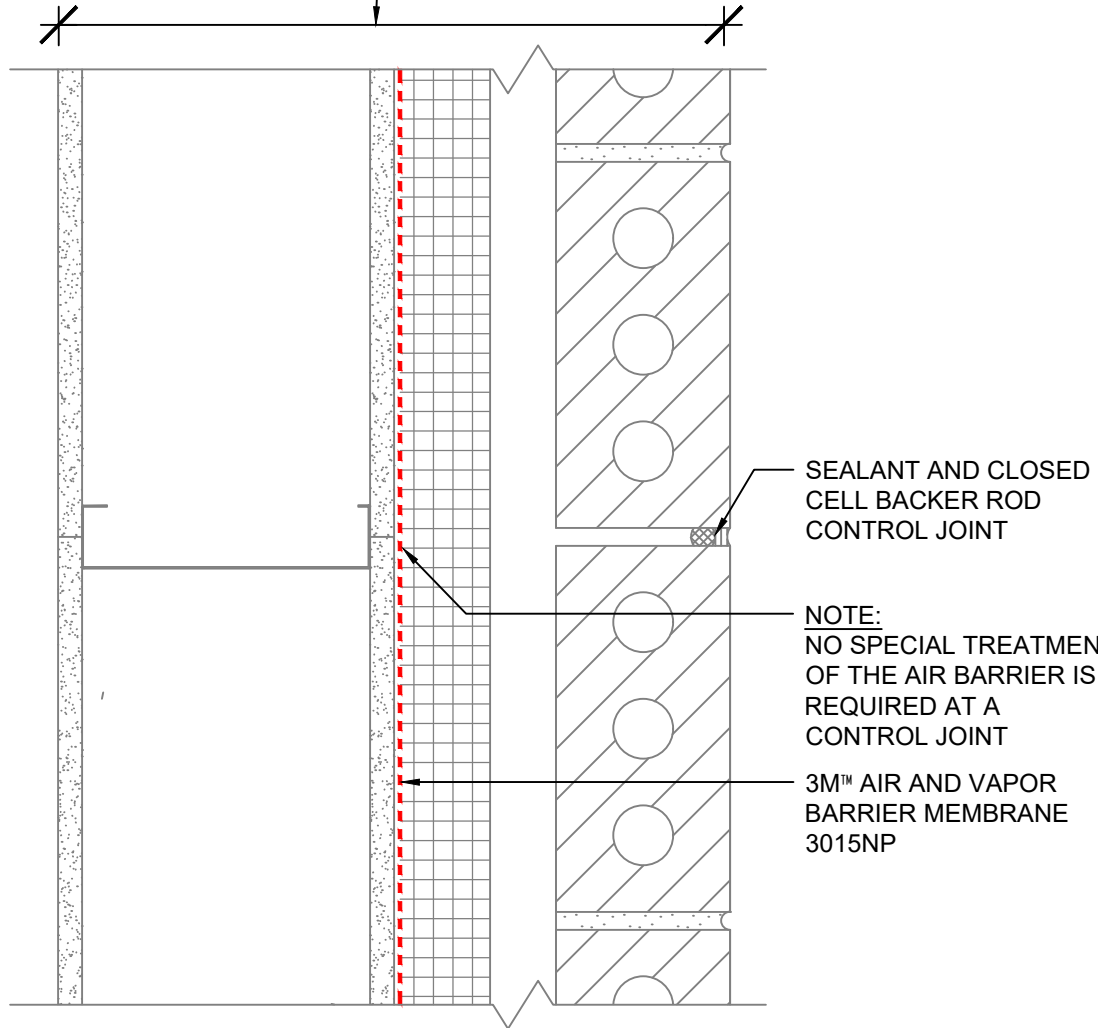


| | | |
|--|------------------|-------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-9.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL EXPANSION JOINT | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|-------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP | 003/12/21 | 3015NP-10.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL CONTROL JOINT | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F.. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

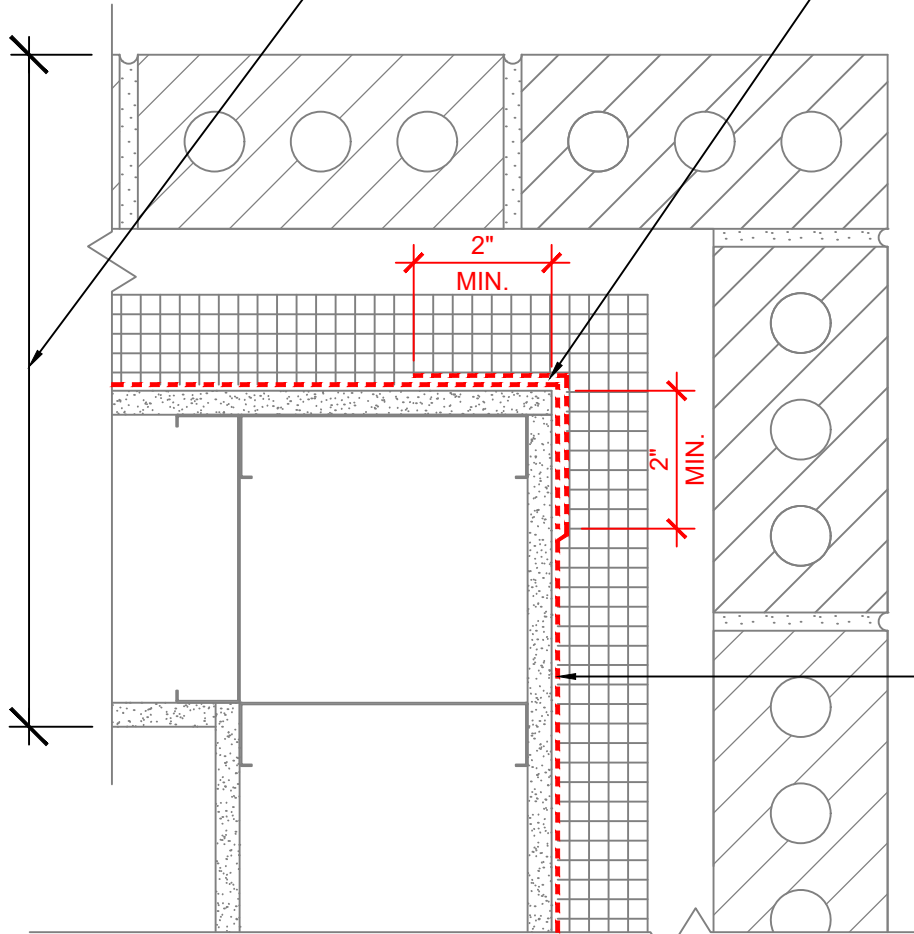
WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

2-LAYERS OF AIR BARRIER REQUIRED:

OPTION 1). OVERLAP FIELD AREA OF 3015NP TO CREATE 2-LAYERS AT OUTSIDE CORNER (DEPICTED)

OPTION 2). DETAIL CORNER WITH 6" WIDE 3015NP OR 3015TWF OVER OR BEHIND FIELD APPLIED 3015NP MEMBRANE



3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-11.0A |
| TITLE: BRICK VENEER / STUD / WOOD WALL EXTERIOR CORNER | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

2 LAYERS OF AIR BARRIER REQUIRED:

OPTION 1). OVERLAP FIELD AREA OF 3015NP TO CREATE 2 LAYERS AT INSIDE CORNER (DEPICTED).

OPTION 2). DETAIL CORNER WITH 6" WIDE 3015NP OR 3015TWF PRIOR TO FIELD APPLICATION OF 3015NP.

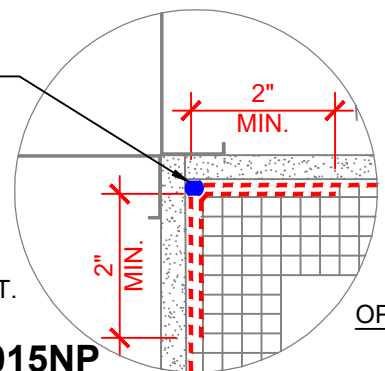
OPTION 3). 1ST LAYER 525 OR 540 SEALANT AT SEAM, 2ND LAYER 6" WIDE 3015NP OR 3015 TWF. (DEPICTED IN PARTIAL DETAIL)

3M™ POLYURETHANE SEALANT 525/540 IN CORNER AT SEAM

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.



3M™ Air and Vapor Barrier Membrane 3015NP



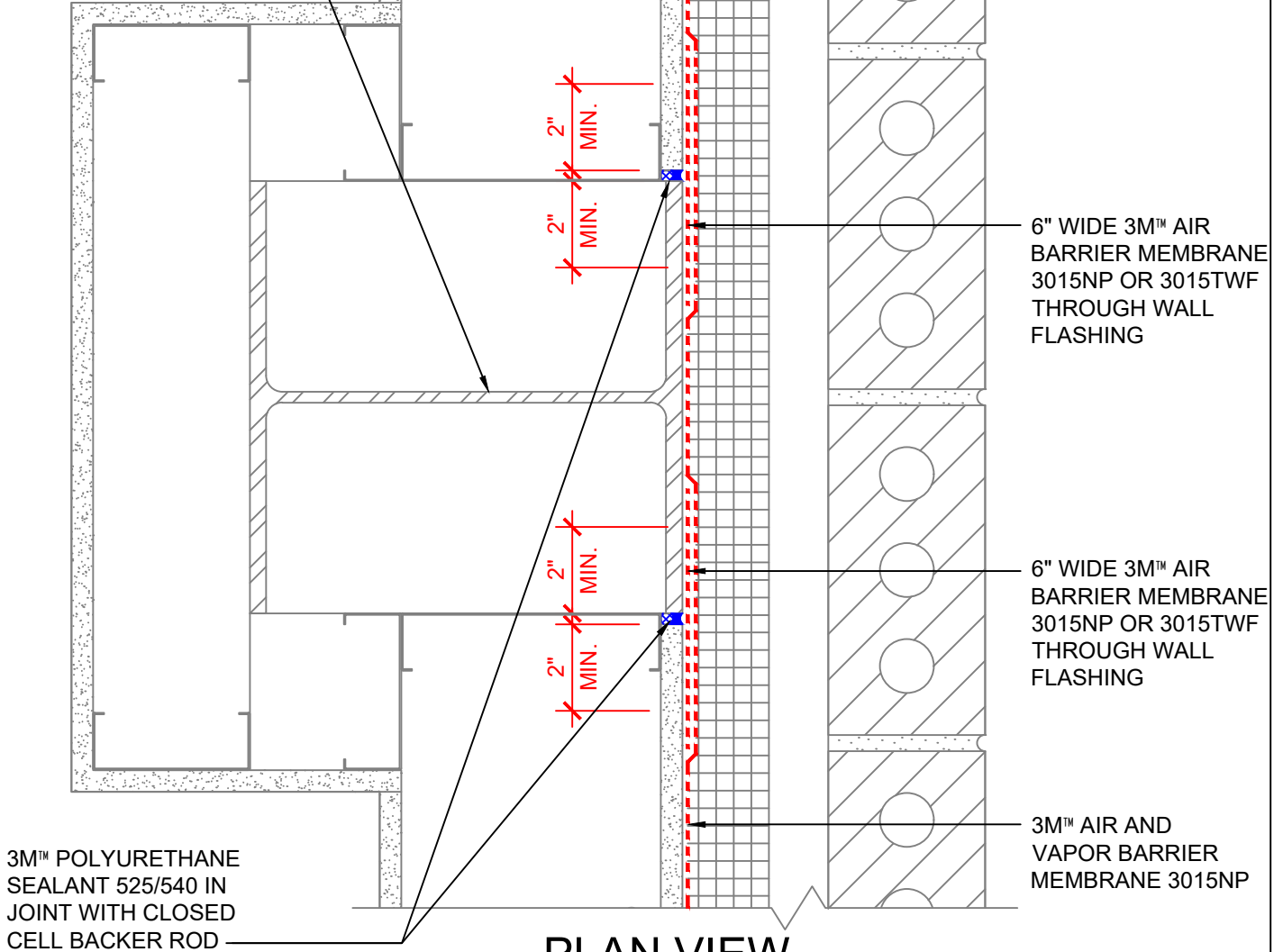
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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-12.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL INTERIOR CORNER | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

STRUCTURAL
STEEL COLUMN



3M™ POLYURETHANE
SEALANT 525/540 IN
JOINT WITH CLOSED
CELL BACKER ROD

6" WIDE 3M™ AIR
BARRIER MEMBRANE
3015NP OR 3015TWF
THROUGH WALL
FLASHING

6" WIDE 3M™ AIR
BARRIER MEMBRANE
3015NP OR 3015TWF
THROUGH WALL
FLASHING

3M™ AIR AND
VAPOR BARRIER
MEMBRANE 3015NP

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT STEEL COLUMN EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

3M™ Air and Vapor Barrier Membrane 3015NP



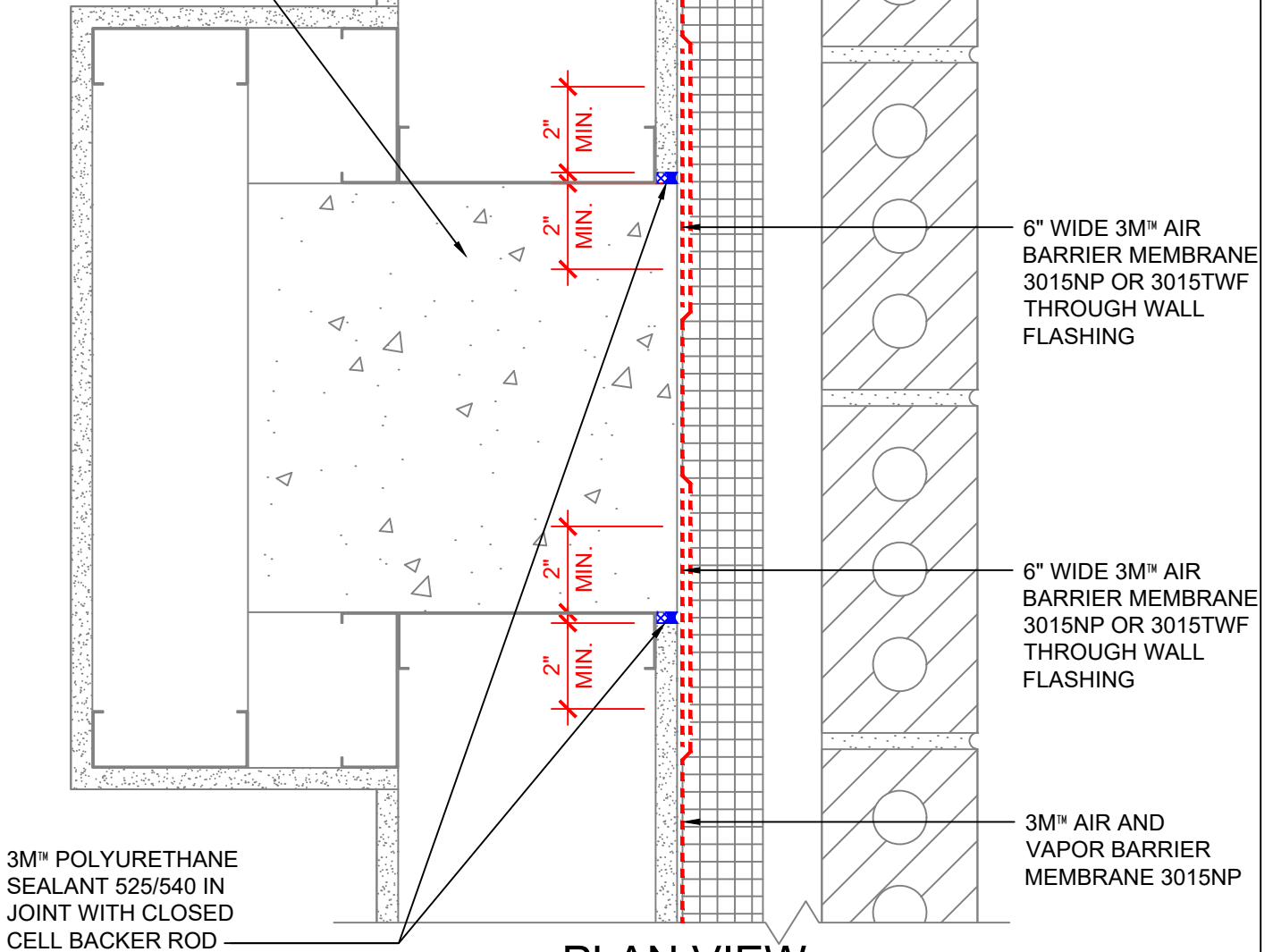
| | | |
|--|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-13.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL STEEL COLUMN CONNECTION | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

CONCRETE COLUMN



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT CONCRETE COLUMN EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

3M™ Air and Vapor Barrier Membrane 3015NP

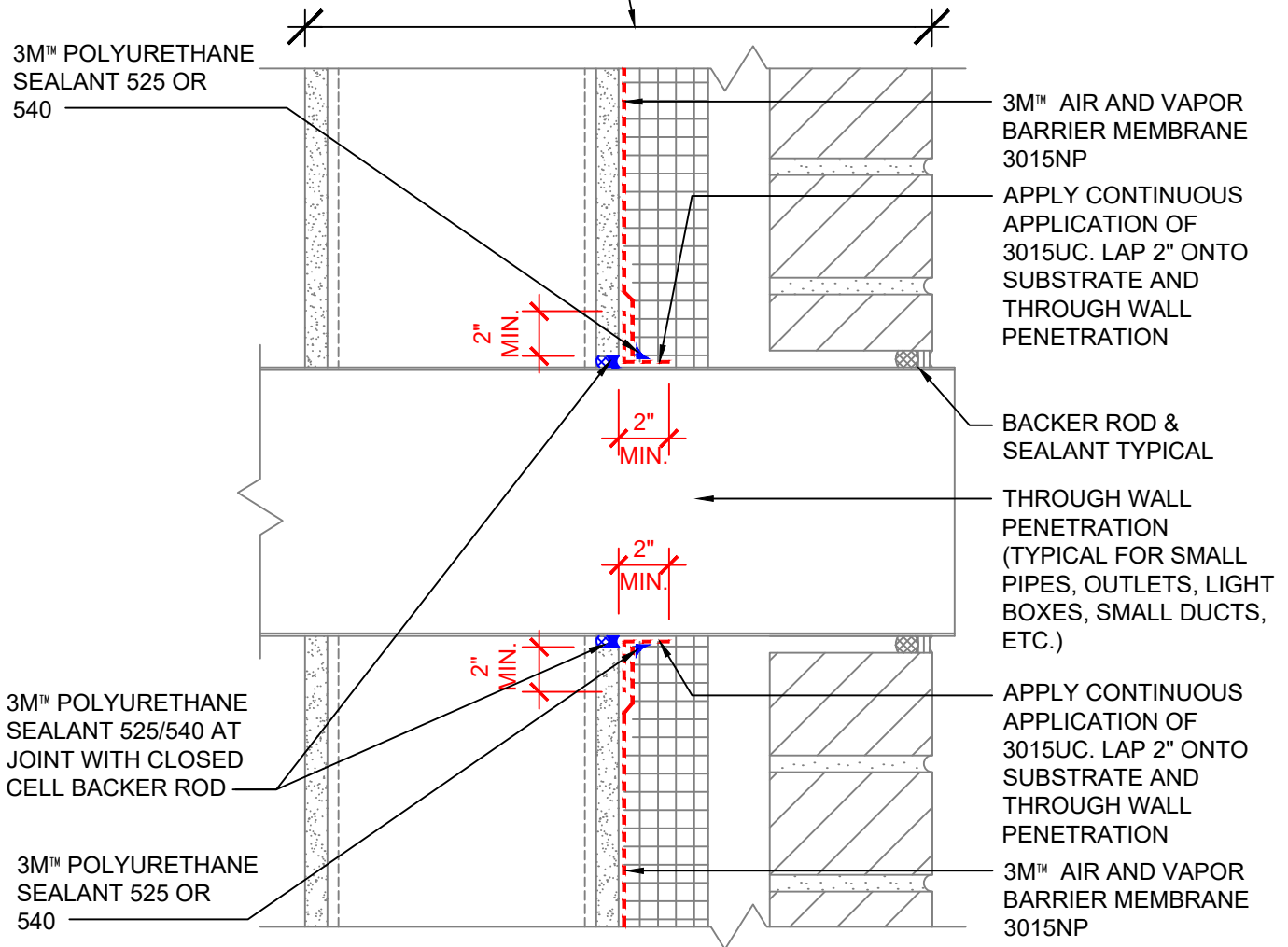


| | | |
|---|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 | 03/12/21 | 3015NP-14.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL CONCRETE COLUMN CONNECTION | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT PENETRATION EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air and Vapor Barrier Membrane 3015NP

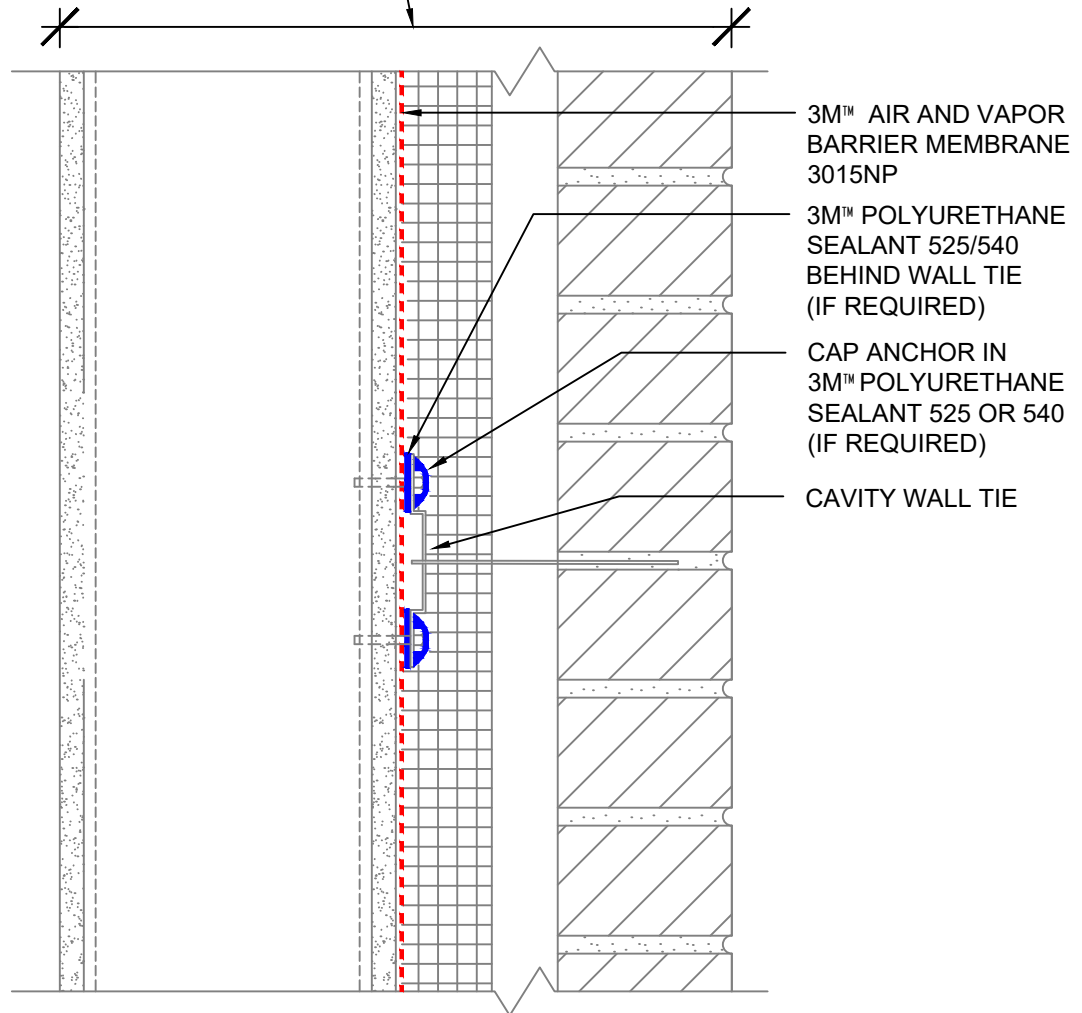


| | | |
|--|------------------|------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015UC AND 525/540 | 03/12/21 | 3015-15.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL THROUGH WALL PIPE OR DUCT PENETRATION | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- STEEL/WOOD STUD
- EXTERIOR SHEATHING
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. VALIDATE PERFORMANCE OF FASTENERS FOR SEALING REQUIREMENTS.

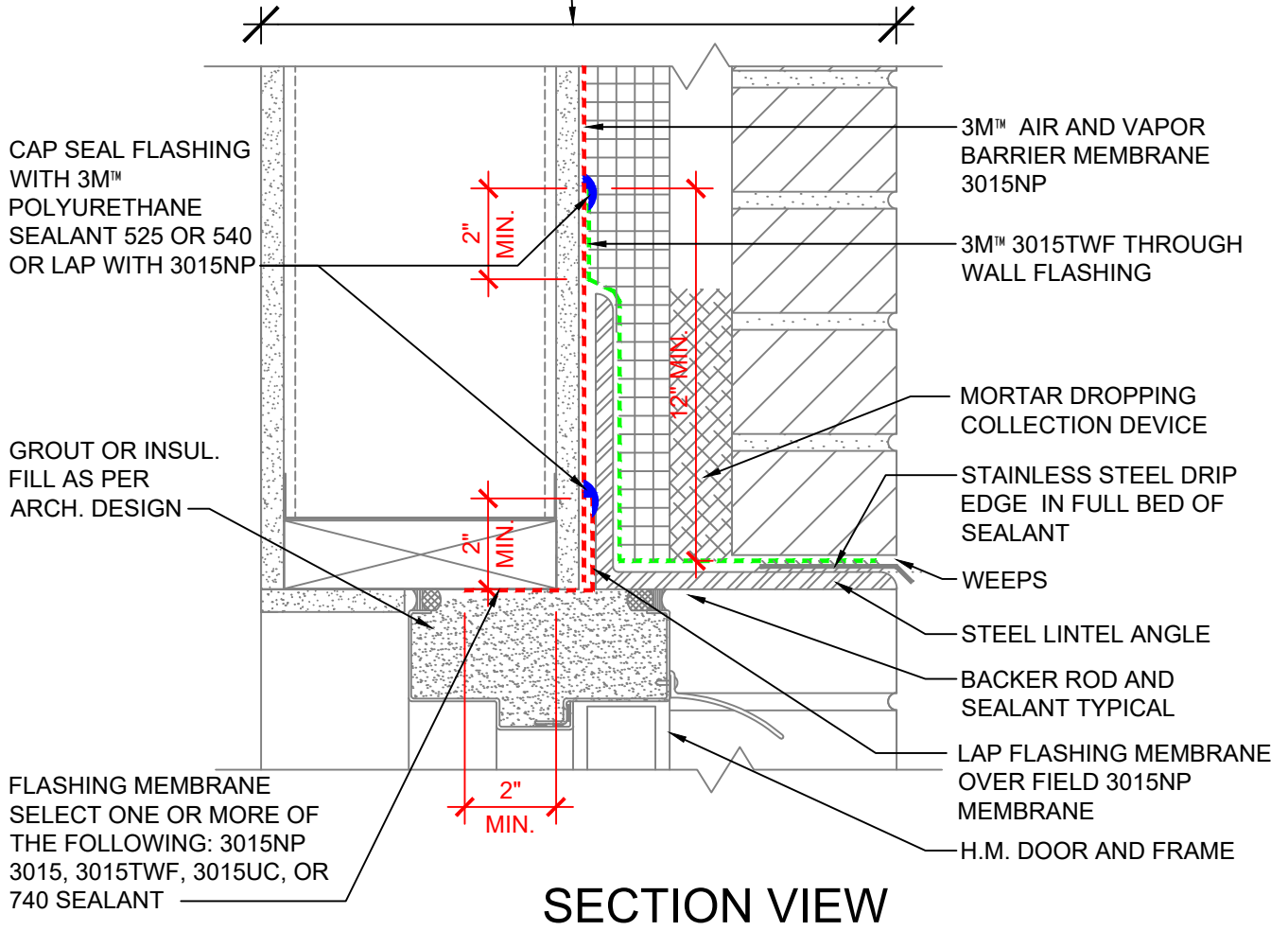
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP AND 525/540 | 03/12/21 | 3015NP-16.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL CAVITY WALL TIE | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

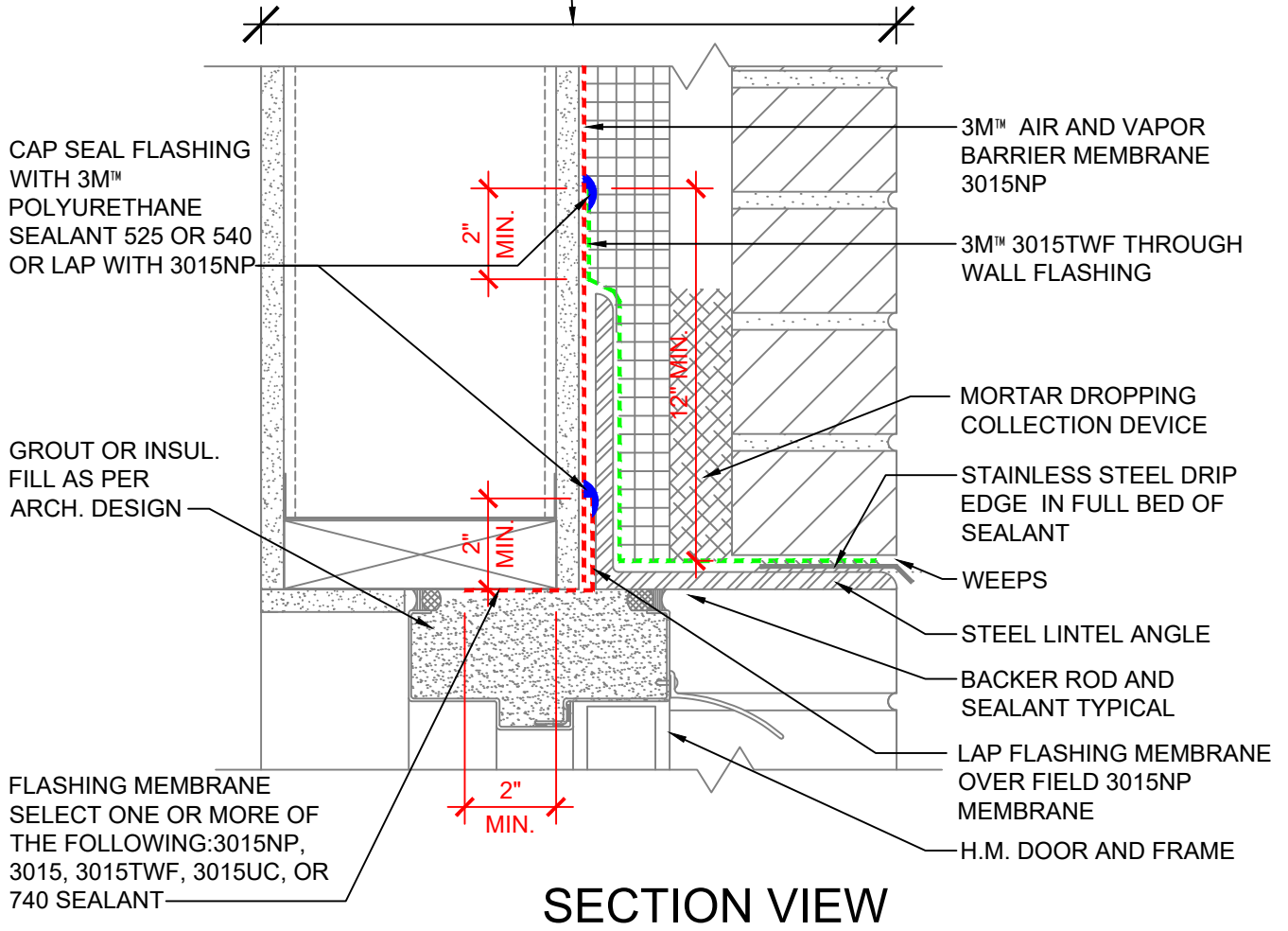
3M™ Air and Vapor Barrier Membrane 3015



| | | |
|---|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-17.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

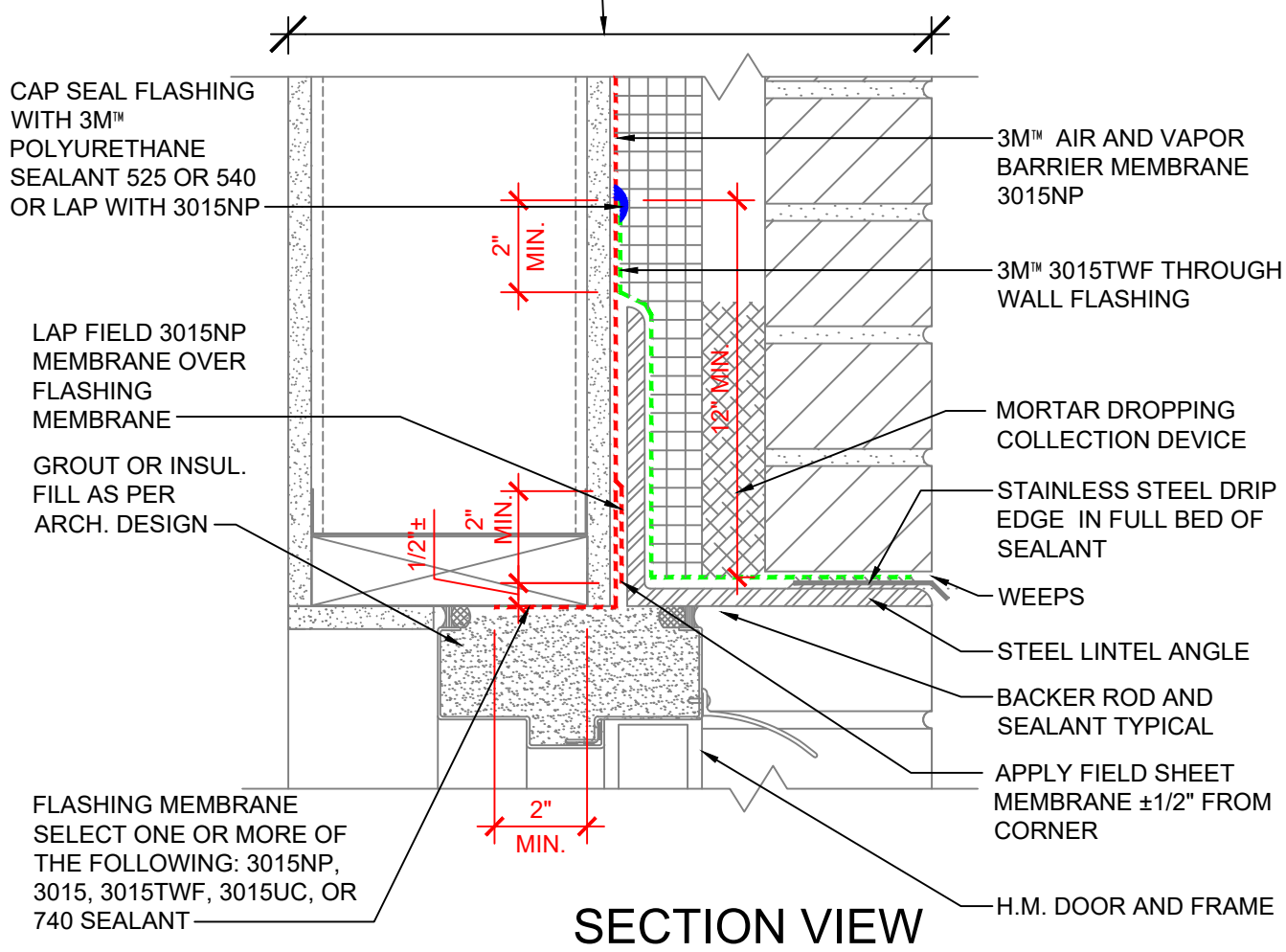
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-17.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

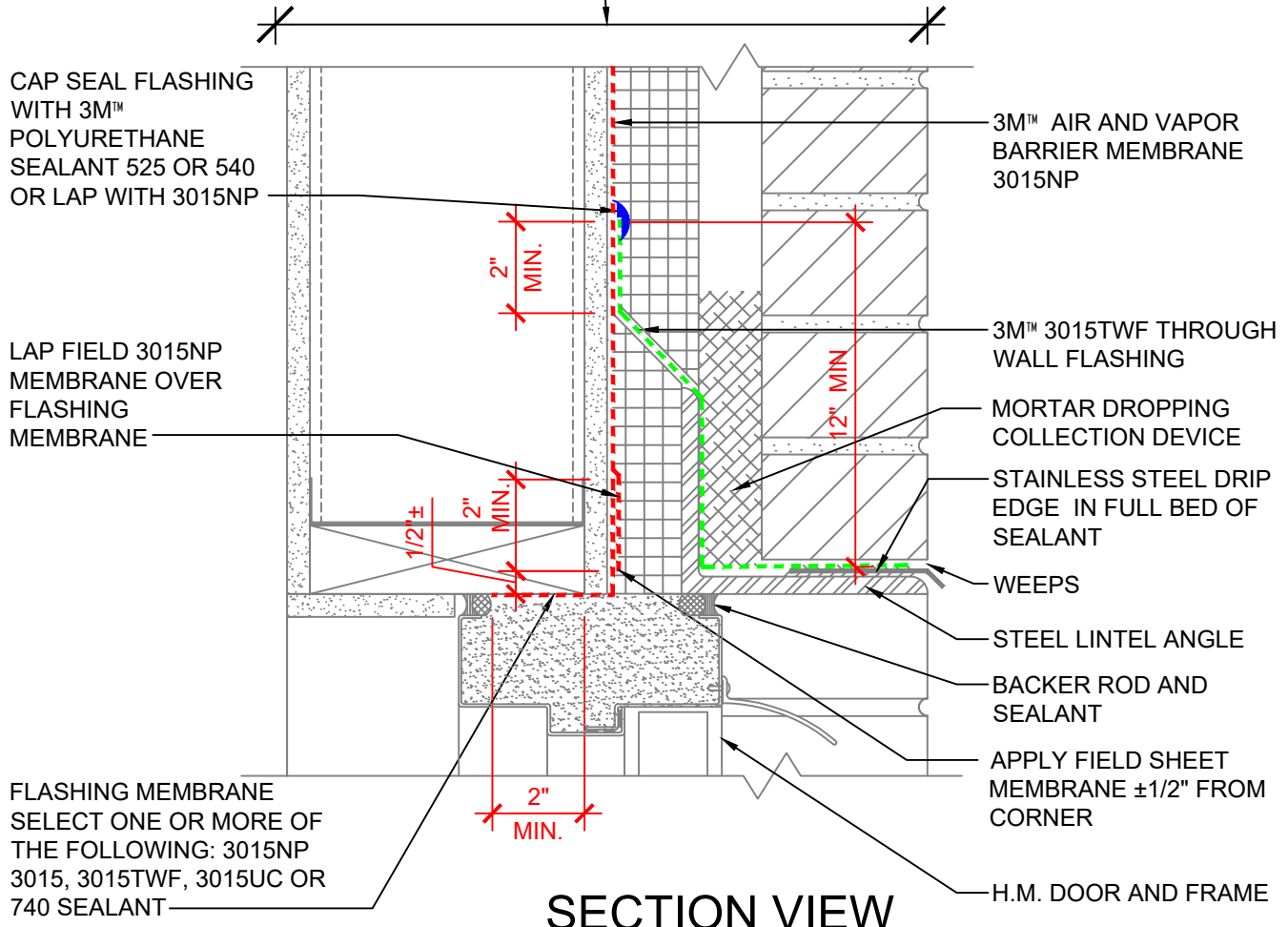
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|---|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-17.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - STEEL/WOOD STUD
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

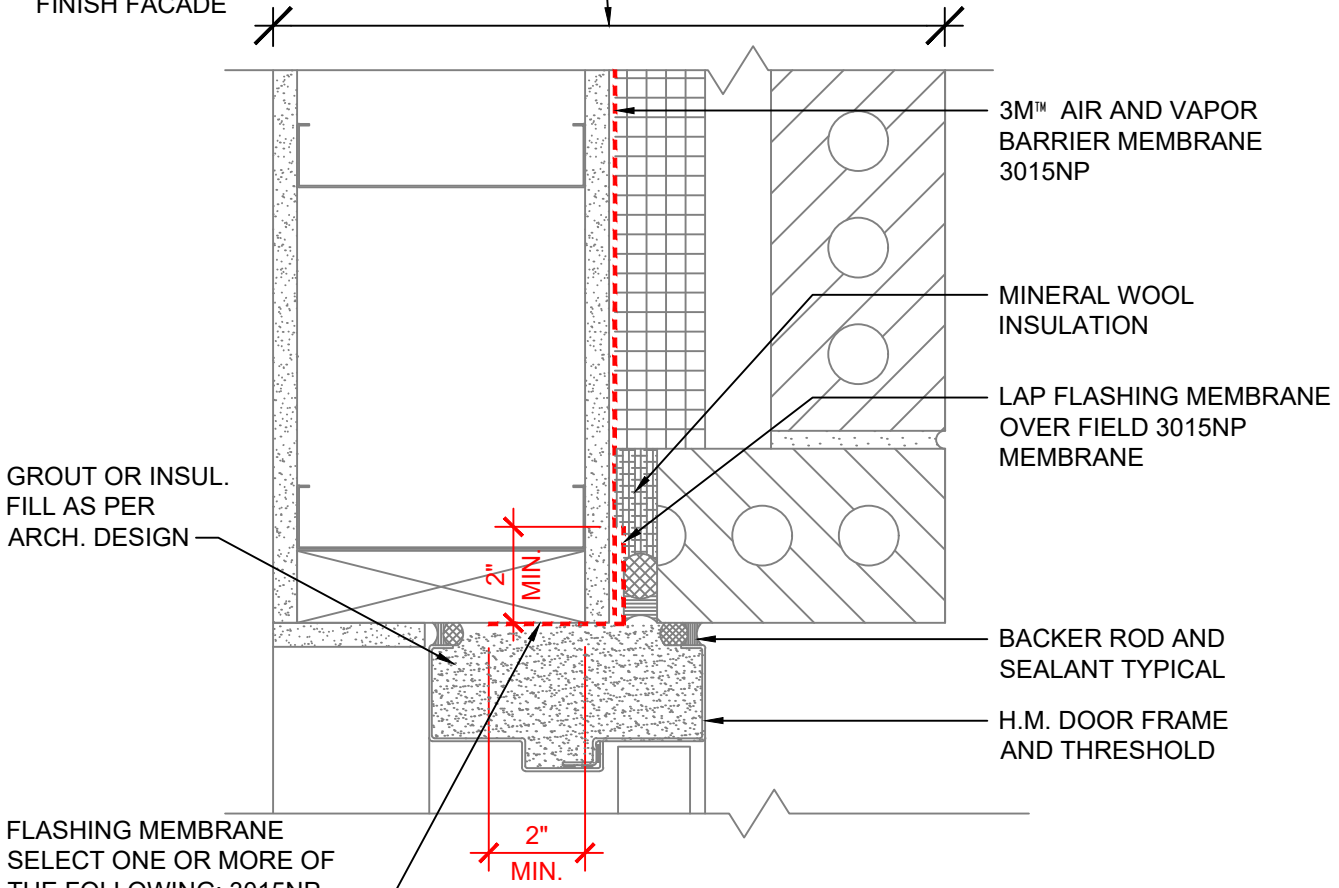
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-17.1B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

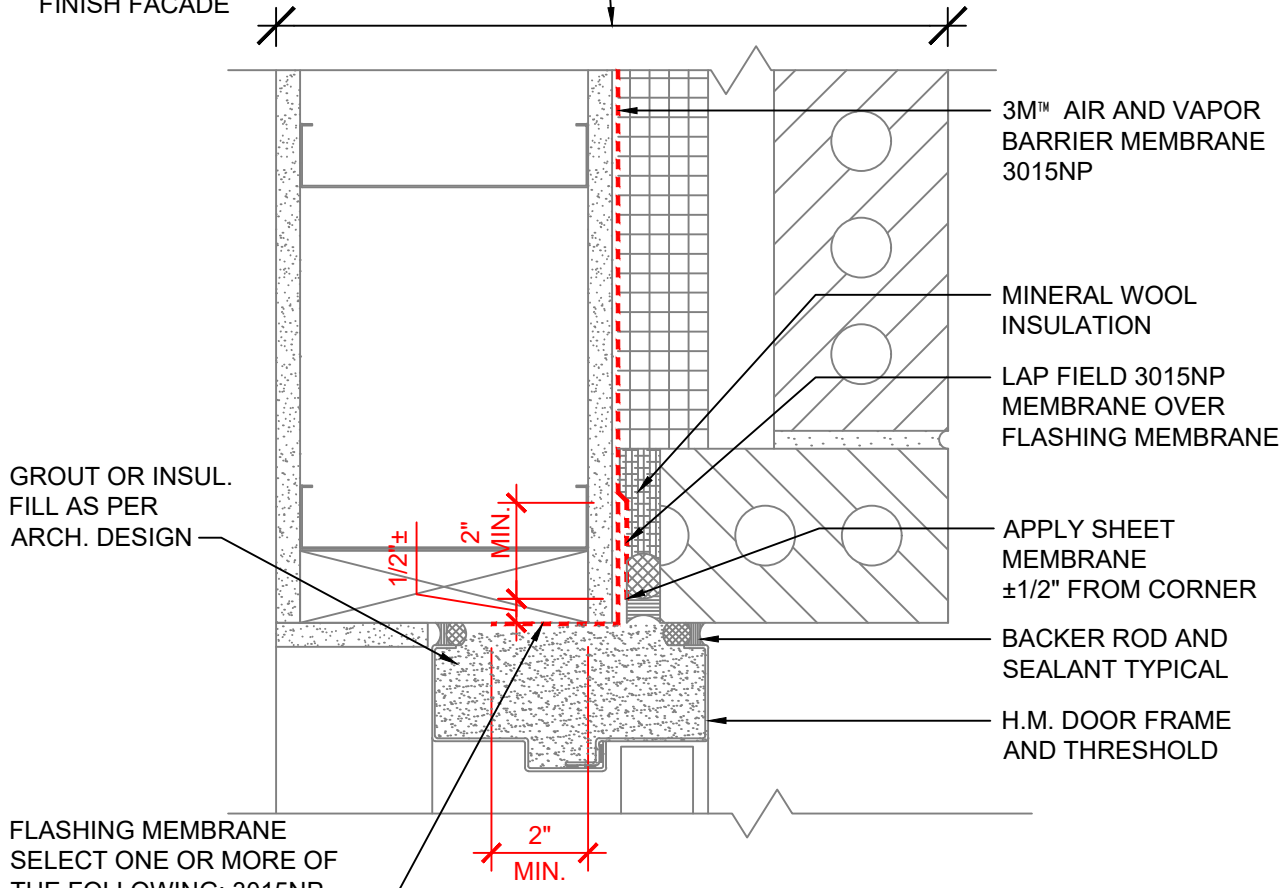
3M™ Air and Vapor Barrier Membrane 3015NP



| | | |
|--|------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-18.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR AND VAPOR BARRIER 3015NP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



GROUT OR INSUL. FILL AS PER ARCH. DESIGN

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015NP, 3015, 3015TWF, 3015UC, OR 740 SEALANT

3M™ AIR AND VAPOR BARRIER MEMBRANE 3015NP

MINERAL WOOL INSULATION

LAP FIELD 3015NP MEMBRANE OVER FLASHING MEMBRANE

APPLY SHEET MEMBRANE ±1/2" FROM CORNER

BACKER ROD AND SEALANT TYPICAL

H.M. DOOR FRAME AND THRESHOLD

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air and Vapor Barrier Membrane 3015NP



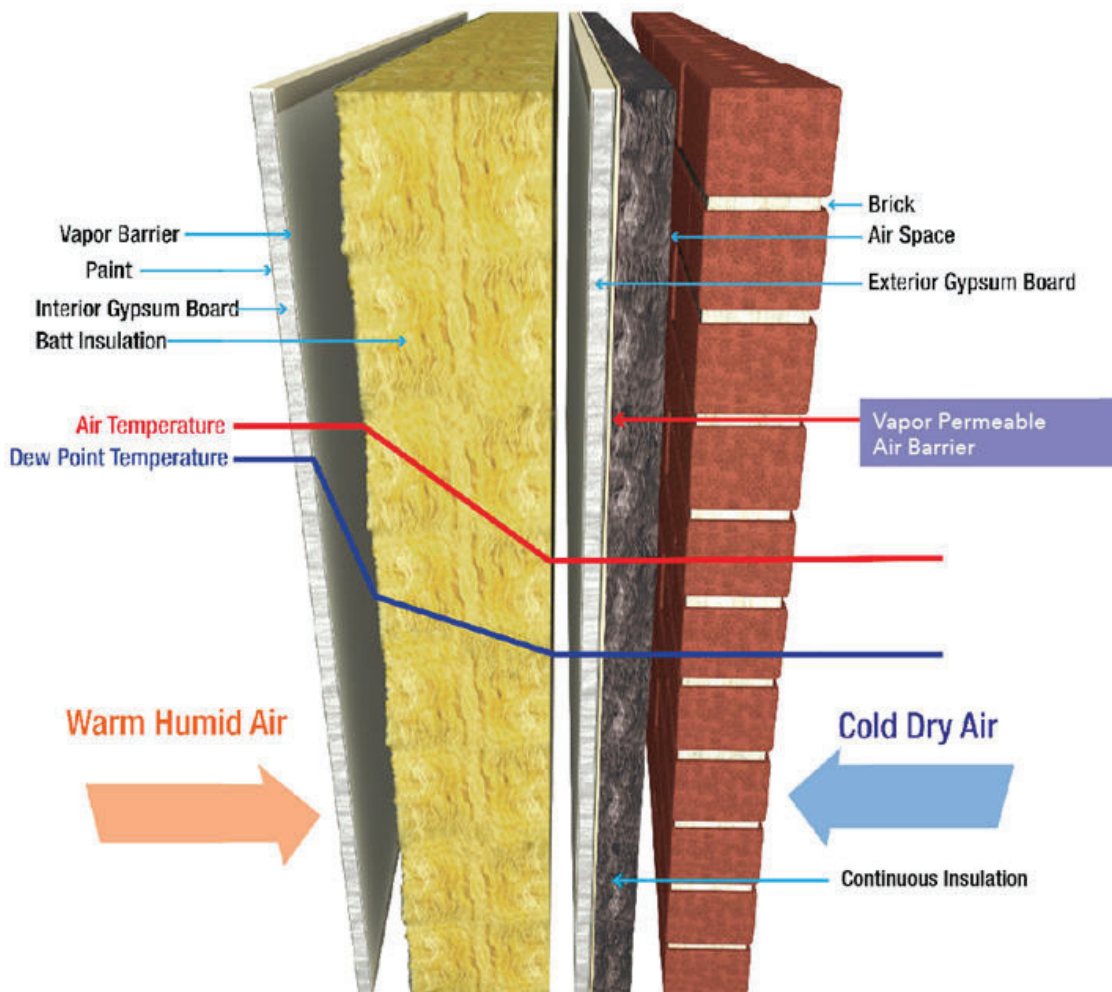
| | | |
|--|-------------------|--------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015NP, 3015, 3015TWF, 3015UC OR 740 SEALANT | 03/12/21 | 3015NP-18.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: B.L.F.. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

3M™ Air Barrier with Permeable Backing 3015VP

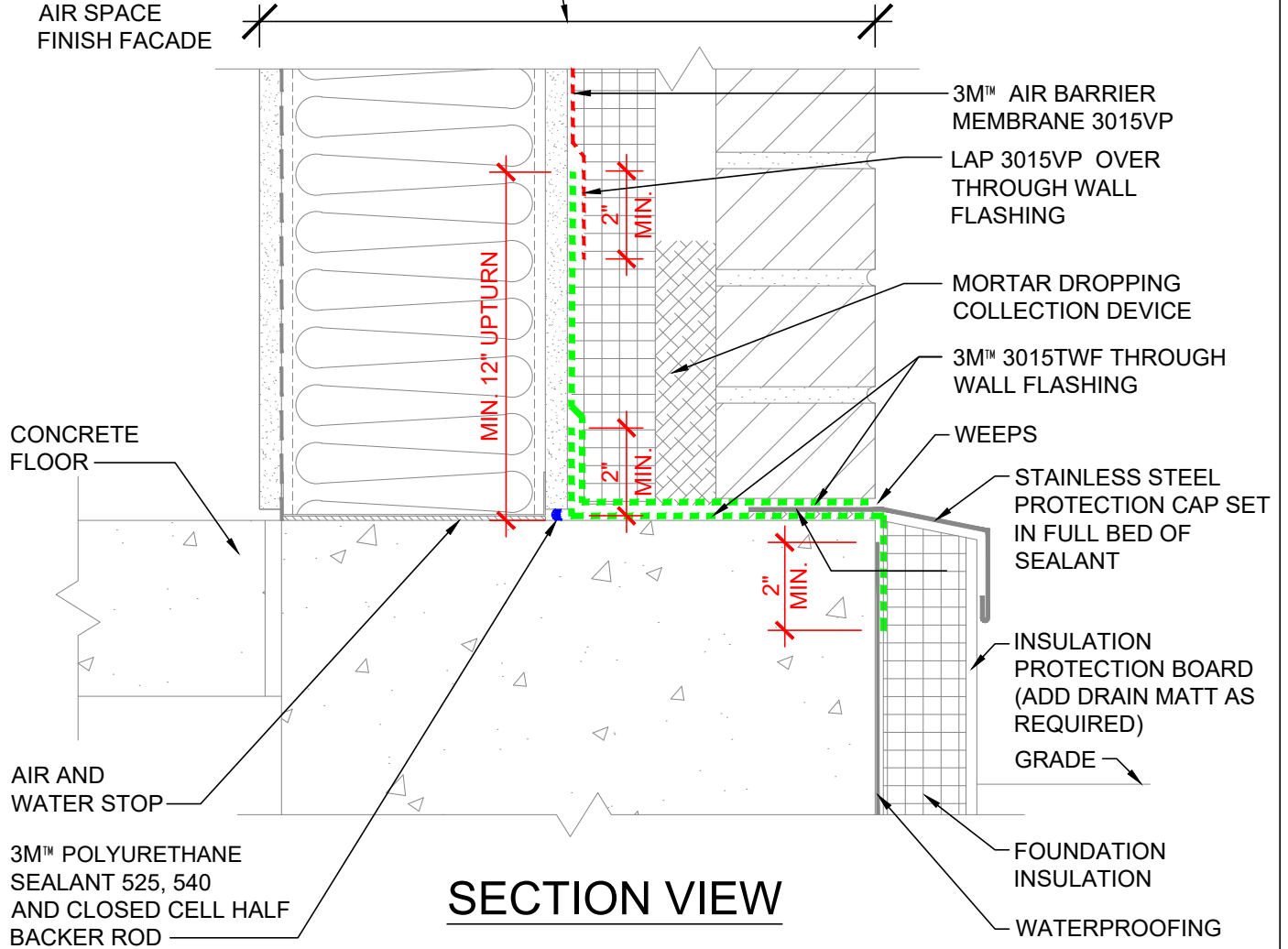
Vapor permeable Self-adhered Membrane

3M® Vapour Permeable Air Barrier 3015VP is a water vapour permeable, air and water impermeable membrane with an aggressive, high-tack, acrylic adhesive that does not require the use of a primer on most construction surfaces. Reverse wound rolls make installation faster and easier.



WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT FLOOR SLAB EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.
5. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air Barrier Membrane 3015VP

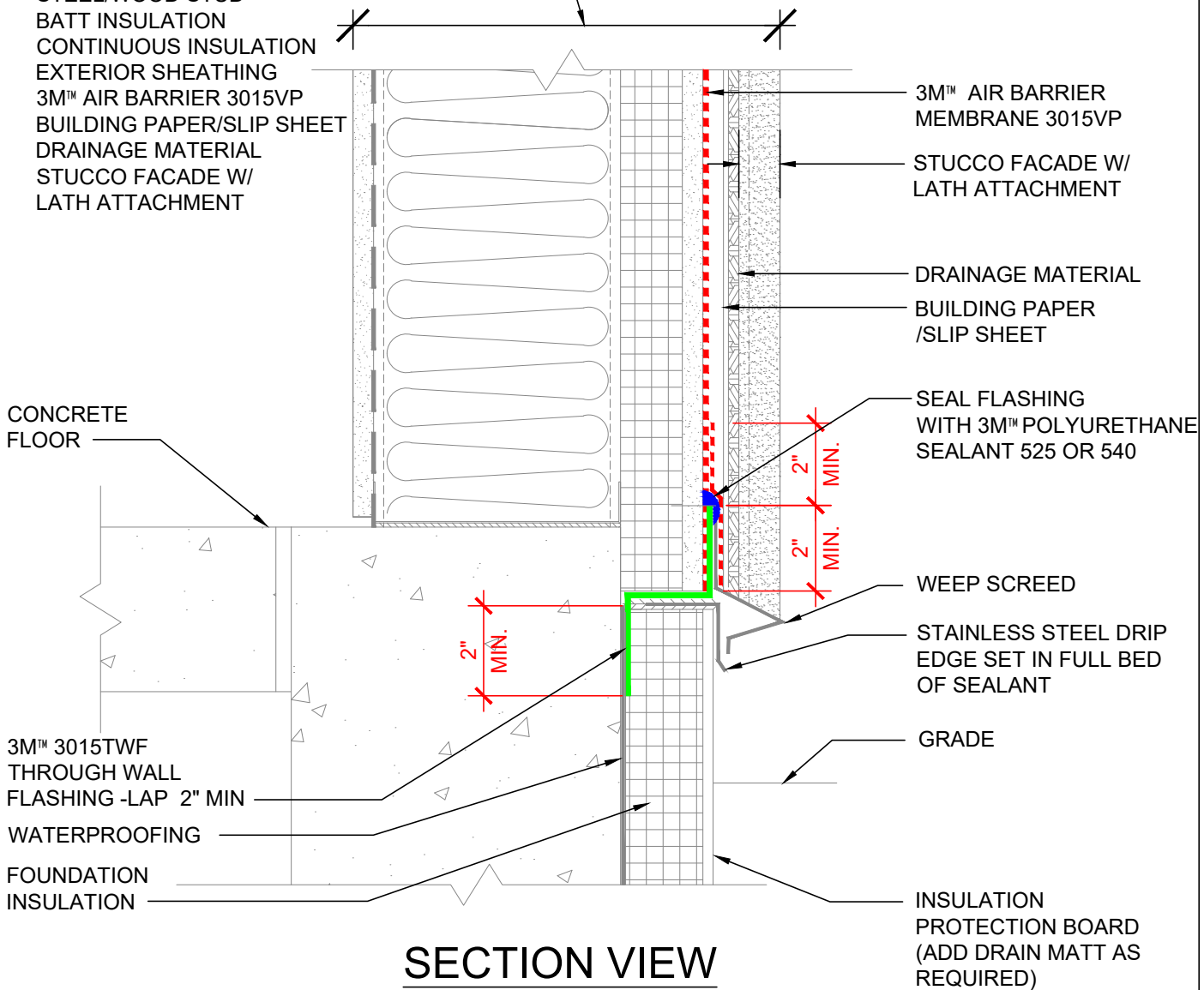


| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -1.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL BASE (IN SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- CONTINUOUS INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- BUILDING PAPER/SLIP SHEET
- DRAINAGE MATERIAL
- STUCCO FACADE W/ LATH ATTACHMENT



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2"
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M 525 OR 540 SEALANT.
3. IF GAP AT FLOOR SLAB EXCEEDS 1/4" BUT LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

3M™ Air Barrier Membrane 3015VP

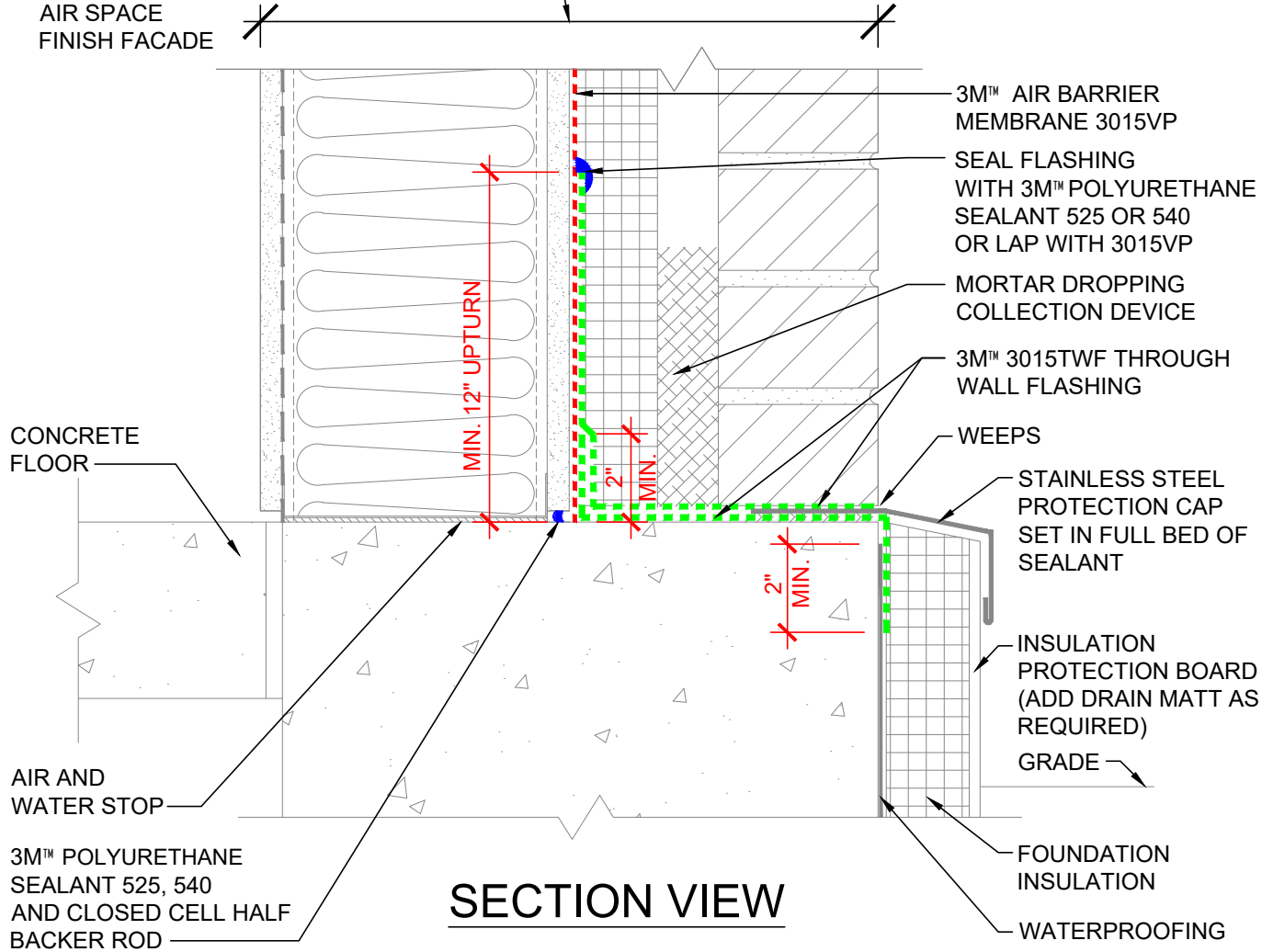


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| PROJECT NAME: | DATE: 08/28/19 | DETAIL No: 3015VP -1.0S |
| SYSTEM MATERIAL: 3015VP, 3015TWF AND 525/540 | SCALE: N.T.S. | |
| TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD AT WALL BASE | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT FLOOR SLAB EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.
5. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air Barrier Membrane 3015VP

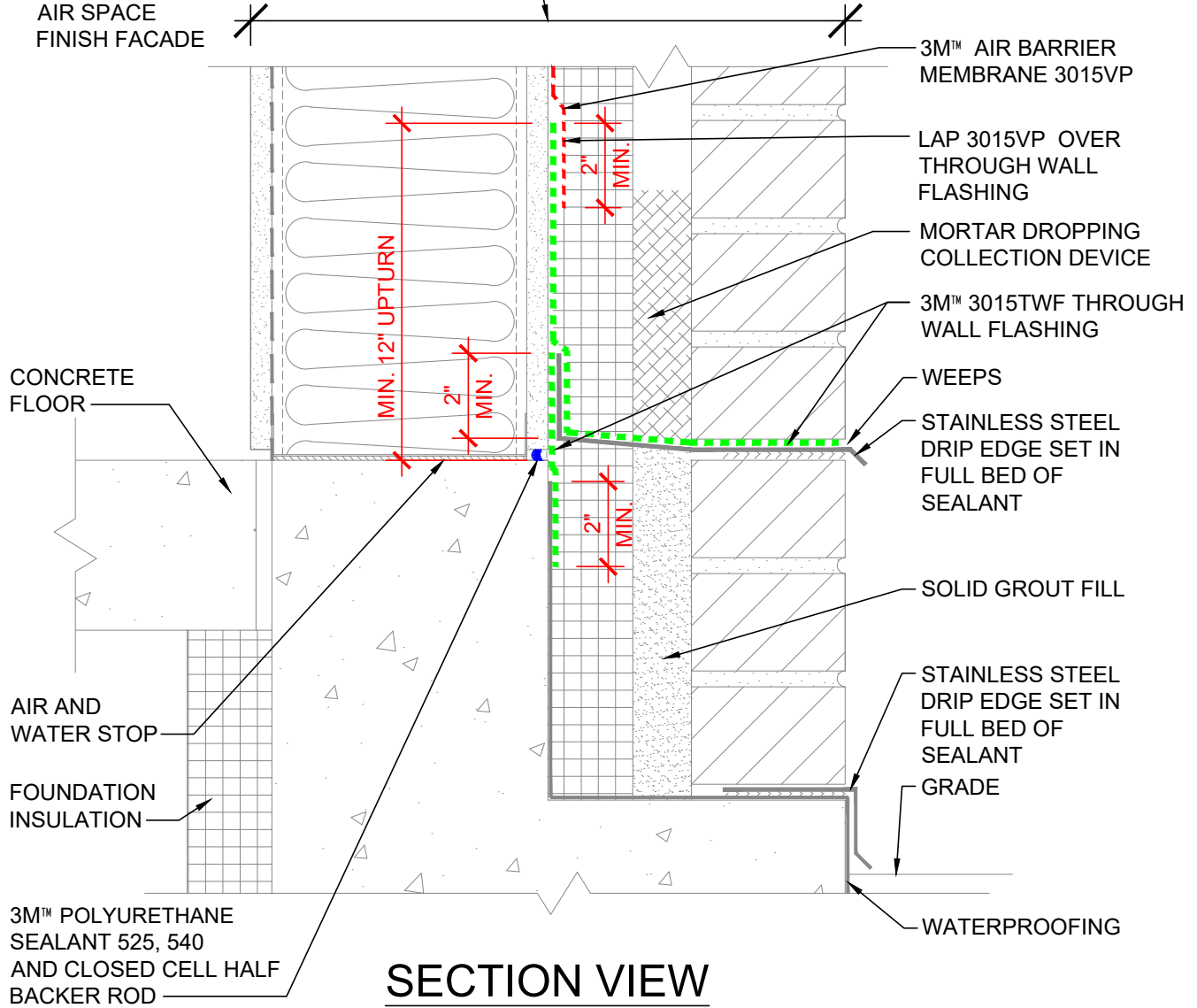


| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -1.1A |
| TITLE: BRICK VENEER / STEEL/WOOD STUD WALL BASE (OUT OF SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT FLOOR SLAB EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.
5. PROVIDE END DAMS AS REQUIRED BY WALL DESIGN.

3M™ Air Barrier Membrane 3015VP

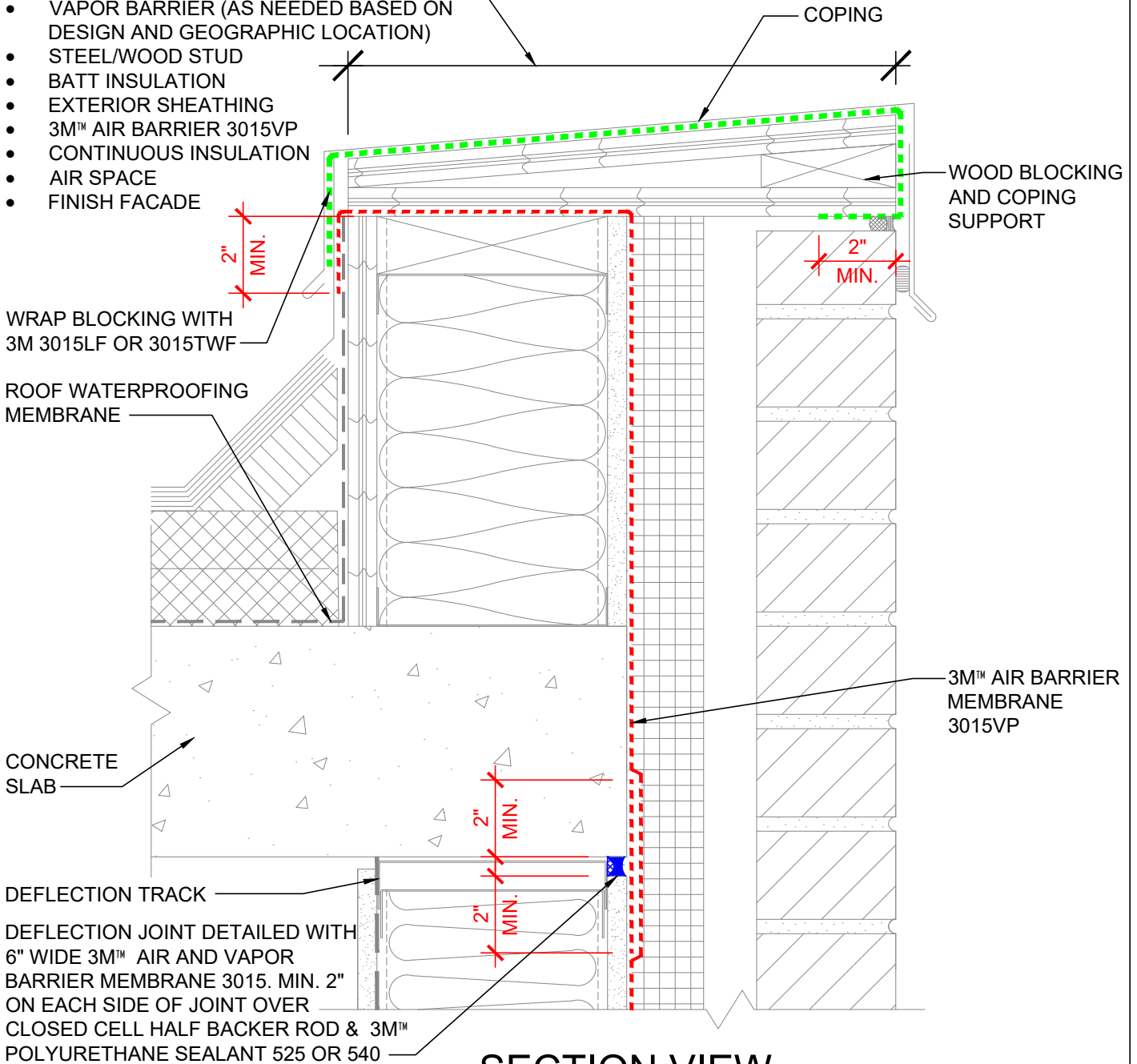


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|---|-----------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -1.2A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL BASE / BRICK LEDGE (IN SEQUENCE) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

PARAPET DESIGN BY OTHERS CONSIST OF:

- PLYWOOD
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. FOR ALTERNATIVE DETAILING OF DEFLECTION JOINT USE 3M 525/540 SEALANT OVER CLOSED CELL BACKER ROD AND COVER WITH 1-LAYER OF 3M™ 3015TWF UNDER FIELD AREA MEMBRANE.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, AND 525/540 | 09/03/19 | 3015VP -2.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL PARAPET WITH DEFLECTION JOINT DETAIL | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

PARAPET DESIGN BY OTHERS CONSIST OF:

- PLYWOOD
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- CONTINUOUS INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- BUILDING PAPER / SLIP SHEET
- DRAINAGE MATERIAL
- STUCCO FACADE W/ LATH ATTACHMENT

WRAP BLOCKING WITH 3M 3015LF OR 3015TWF LAP OVER ROOF WATERPROOFING MEMBRANE AT THE INSIDE OF PARAPET

ROOF WATERPROOFING MEMBRANE

COPING

WOOD BLOCKING AND COPING SUPPORT

3M™ 3015VP AIR BARRIER MEMBRANE

STUCCO FACADE W/ LATH ATTACHMENT

DRAINAGE MATERIAL

BUILDING PAPER/SLIP SHEET

CONCRETE SLAB

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2"
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M 525 OR 540 SEALANT.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|------------------|---|
| PROJECT NAME: | DATE: 08/28/19 | DETAIL No: 3015VP -2.0S |
| SYSTEM MATERIAL: 3015VP, 3015LF AND 3015TWF | SCALE: N.T.S. | |
| TITLE: STUCCO EXTERIOR STEEL/WOOD STUD WALL PARAPET | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

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 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

CAP ANCHOR IN 3M™ POLYURETHANE SEALANT 525 OR 540

CONCRETE FLOOR SLAB
DEFLECTION TRACK

DEFLECTION JOINT DETAILED WITH 6" WIDE 3M™ AIR AND VAPOR BARRIER MEMBRANE 3015. MIN. 2" ON EACH SIDE OF JOINT OVER CLOSED CELL HALF BACKER ROD & 3M™ POLYURETHANE SEALANT 525 OR 540

3M™ AIR BARRIER MEMBRANE 3015VP
3M™ THROUGH-WALL FLASHING 3015TWF
MORTAR DROPPING COLLECTION DEVICE
STAINLESS STEEL DRIP EDGE SET IN FULL BED OF SEALANT
SHELF ANGLE
WEEPS
COMPRESSIBLE FILLER, CLOSED CELL BACKER ROD, AND SEALANT
3M™ AIR BARRIER MEMBRANE 3015VP

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. FOR ALTERNATIVE DETAILING OF DEFLECTION JOINT USE 3M 525/540 SEALANT OVER CLOSED CELL BACKER ROD AND COVER WITH 1-LAYER OF 3M™ 3015TWF UNDER FIELD AREA MEMBRANE.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

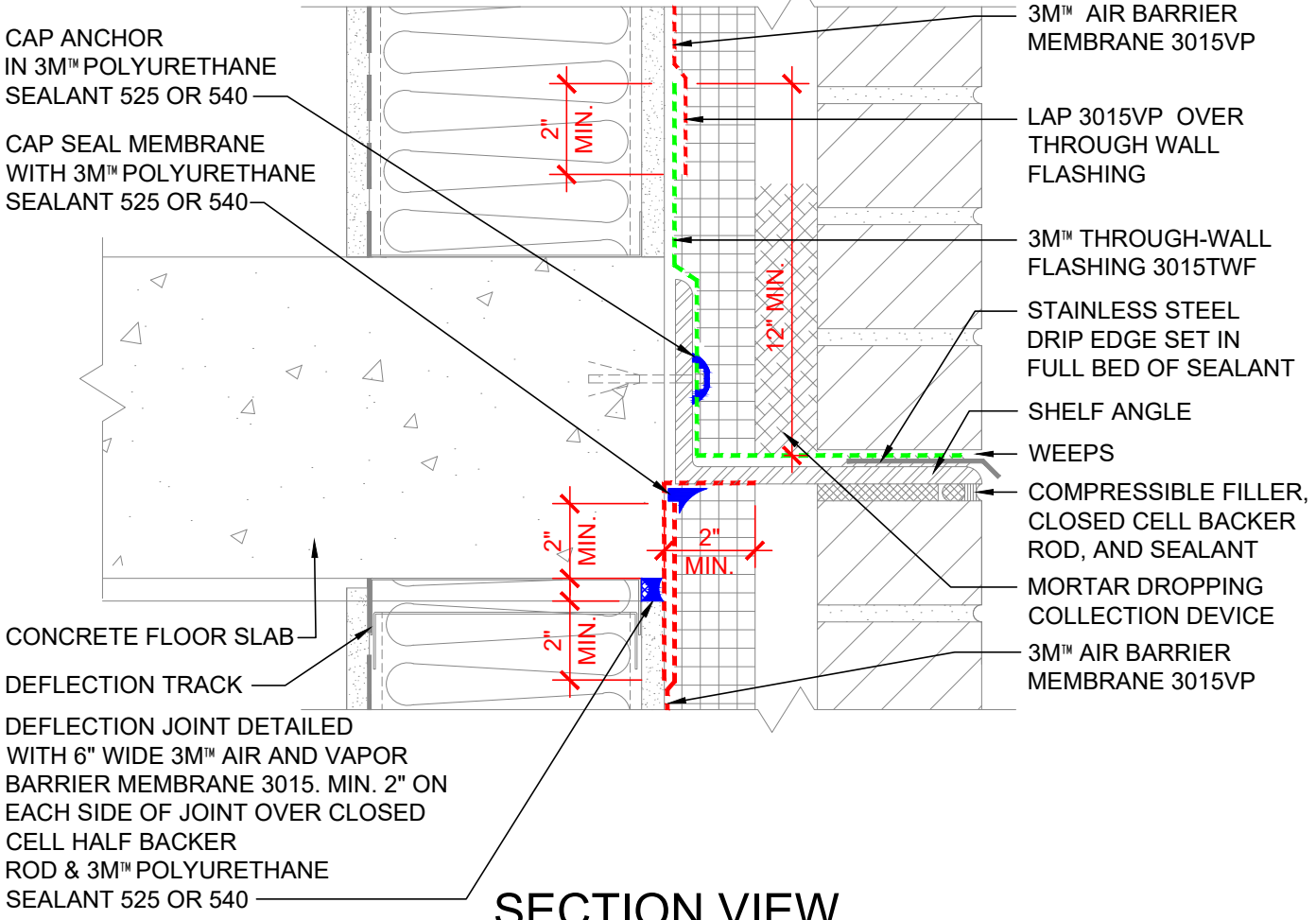
3M™ Air Barrier Membrane 3015VP



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|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -3.0A |
| TITLE: BRICK VENEER / STEEL / STUD WALL SHELF ANGLE (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

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 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. FOR ALTERNATIVE DETAILING OF DEFLECTION JOINT USE 3M 525/540 SEALANT OVER CLOSED CELL BACKER ROD AND COVER WITH 1-LAYER OF 3M™ 3015TWF.
4. SEAL BUTT JOINT IN SHELF ANGLE AT FLOOR SLAB WITH 3M™ 525/540 SEALANT.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -3.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL AT SHELF ANGLE (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

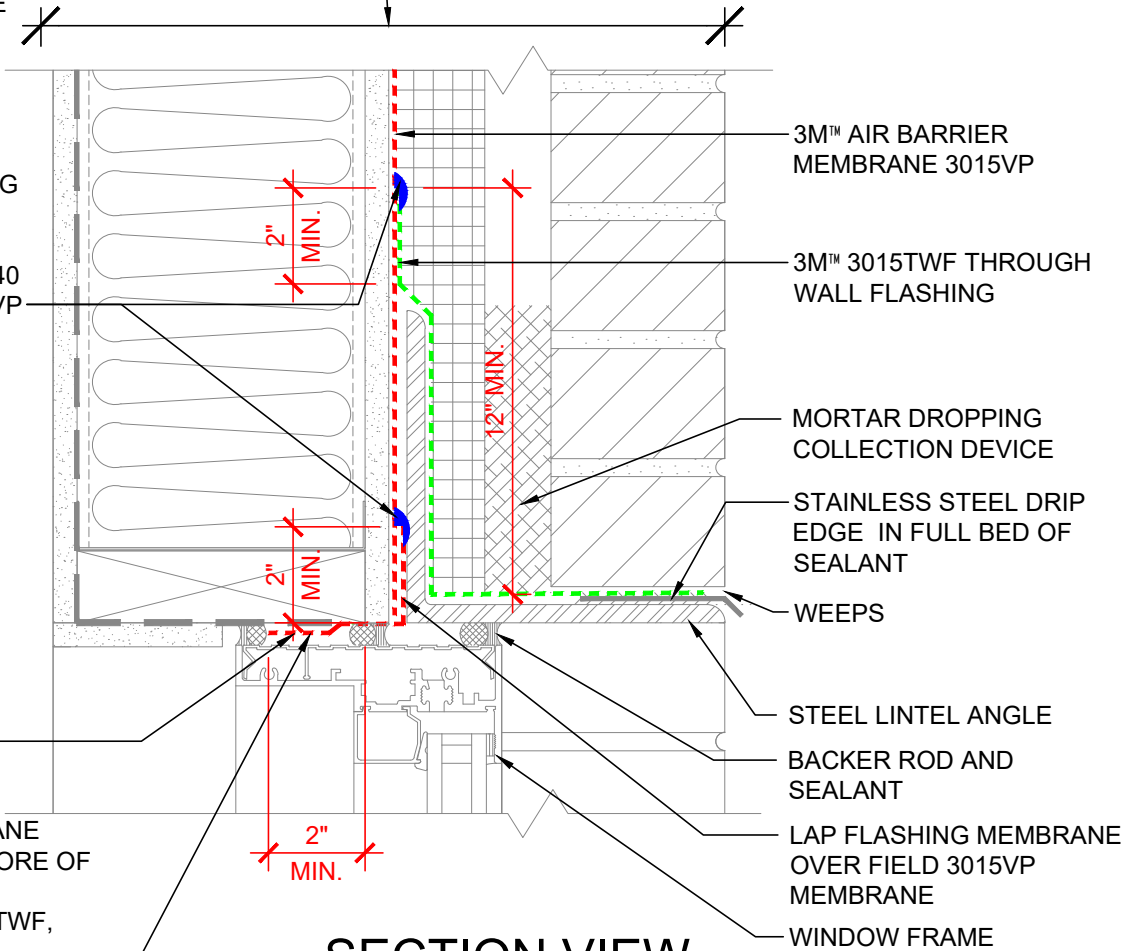
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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015VP, 3015TWF, 3015UC, 3015LF



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -4.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

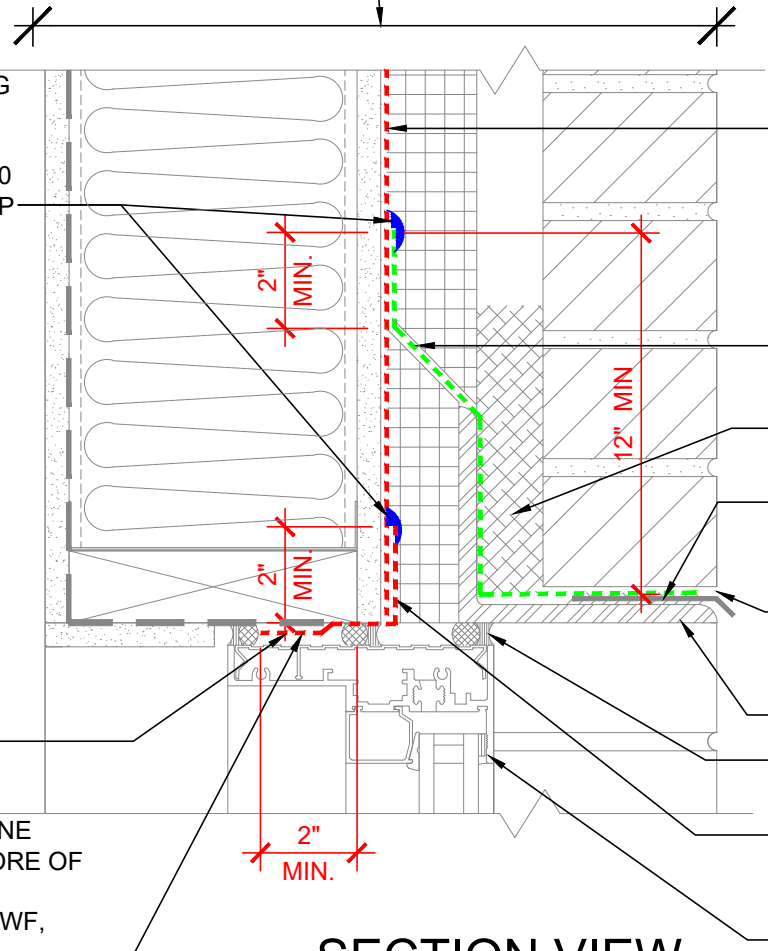
THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015VP, 3015TWF, 3015UC, 3015LF



3M™ AIR BARRIER MEMBRANE 3015VP

3M™ 3015TWF THROUGH WALL FLASHING

MORTAR DROPPING COLLECTION DEVICE

STAINLESS STEEL DRIP EDGE IN FULL BED OF SEALANT

WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT

LAP FLASHING MEMBRANE OVER FIELD 3015VP MEMBRANE

WINDOW FRAME

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

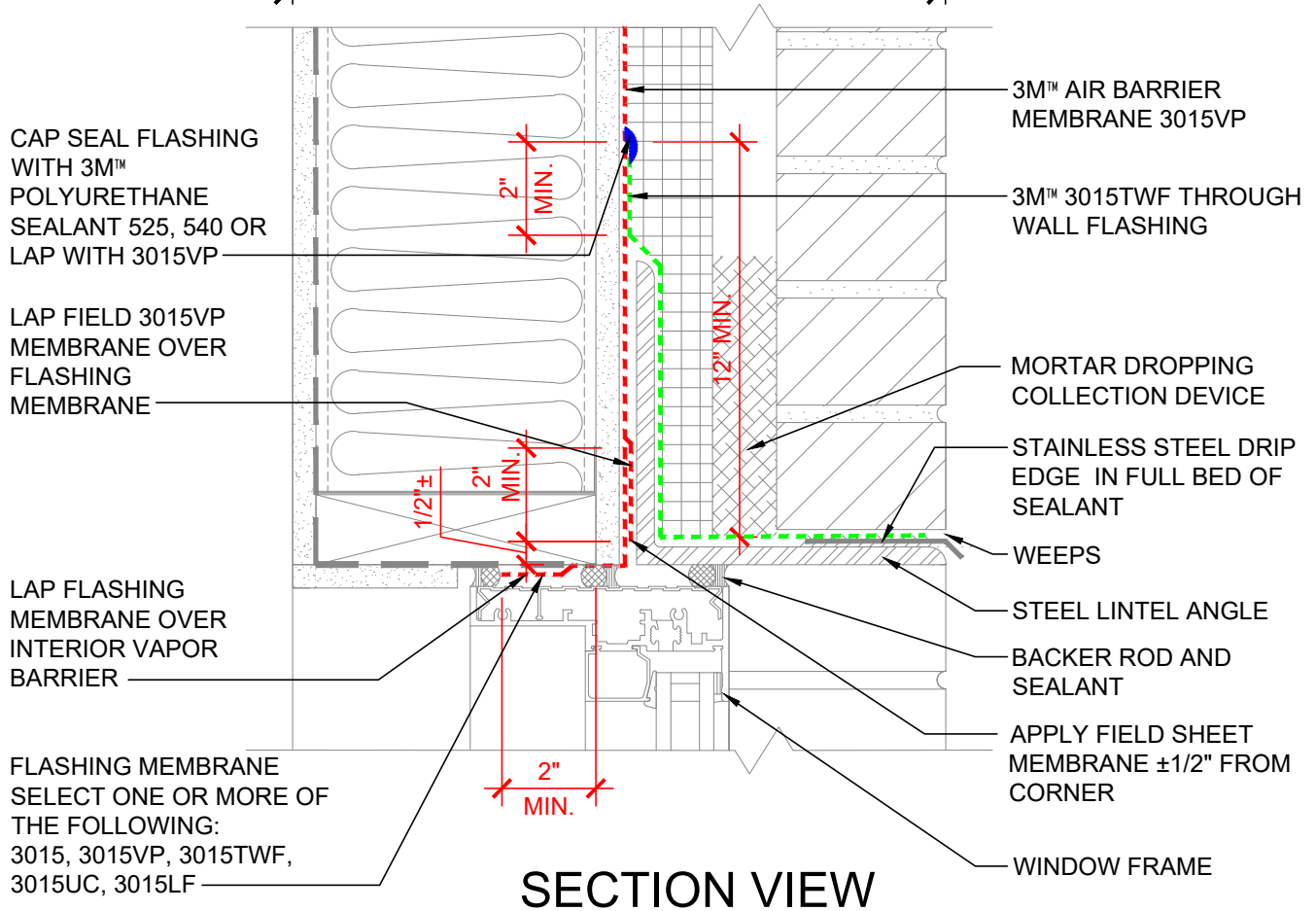
3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -4.0B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -4.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015VP, 3015TWF, 3015UC, 3015LF

3M™ AIR BARRIER MEMBRANE 3015VP

3M™ 3015TWF THROUGH WALL FLASHING

MORTAR DROPPING COLLECTION DEVICE

STAINLESS STEEL DRIP EDGE IN FULL BED OF SEALANT

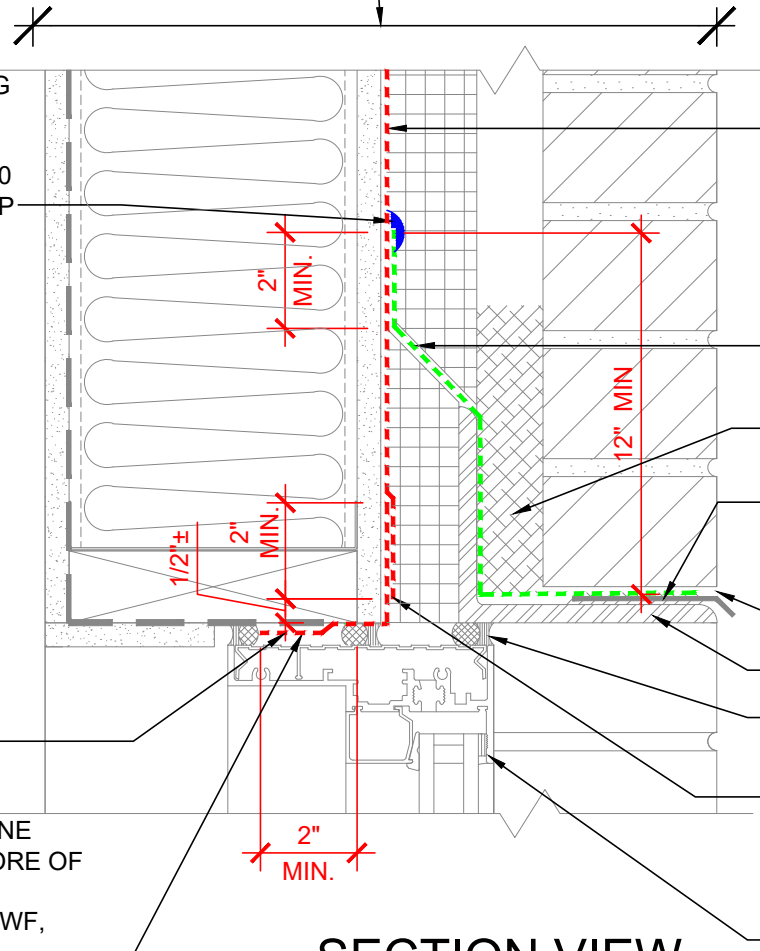
WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT

APPLY FIELD SHEET MEMBRANE ±1/2" FROM CORNER

WINDOW FRAME



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

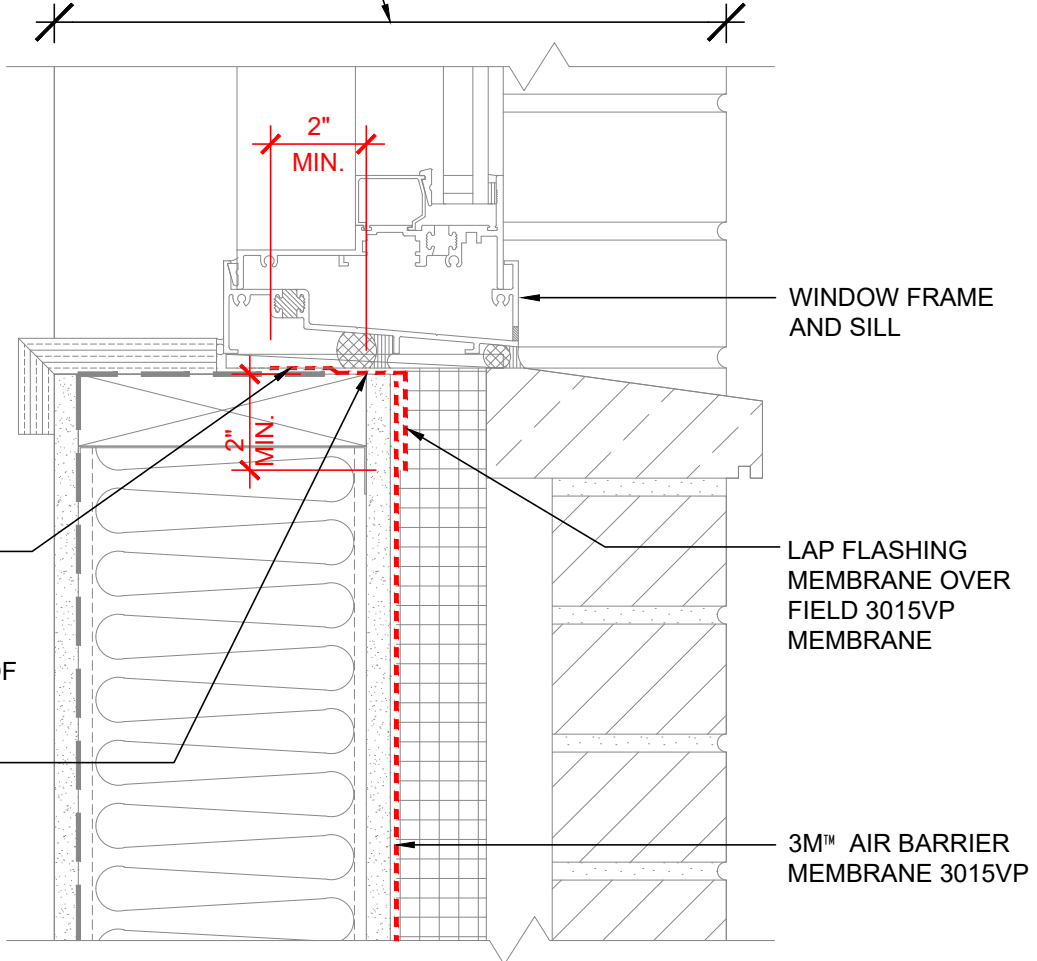
3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -4.1B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
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 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

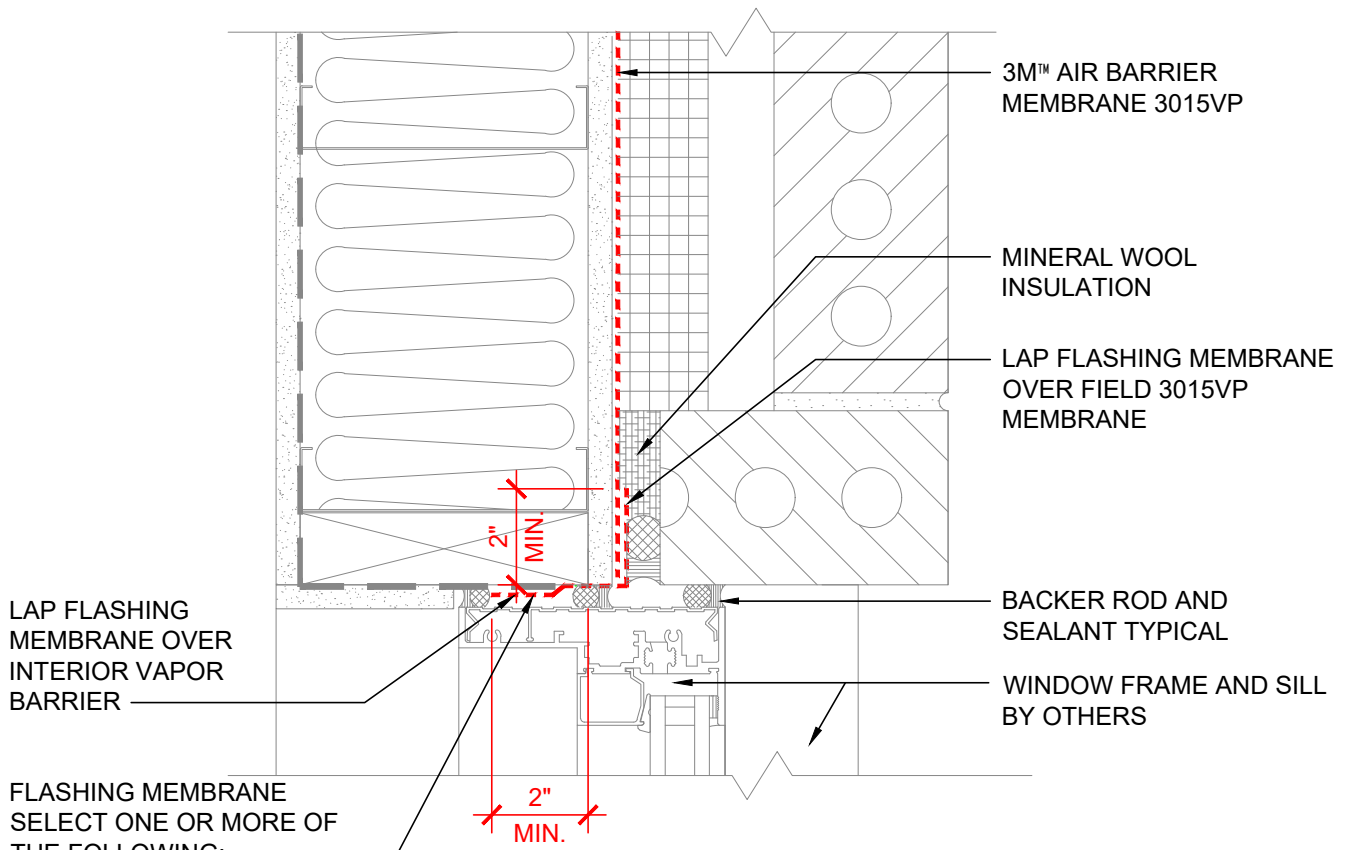
3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, WITH 3015TWF, 3015UC AND/OR 3015LF | 09/03/19 | 3015VP -5.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW SILL | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015 VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air Barrier Membrane 3015VP

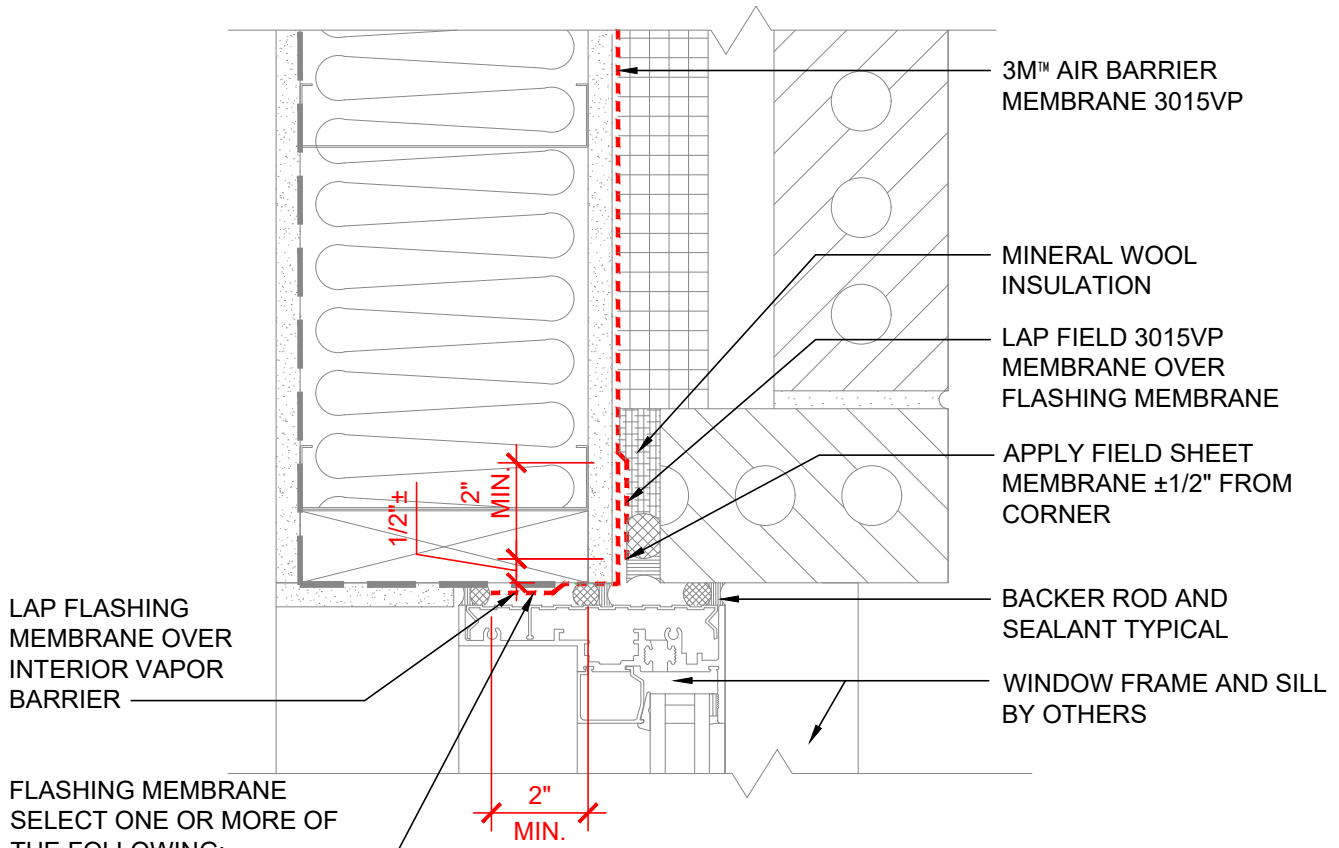


| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC AND/OR 3015LF | 09/03/19 | 3015VP -6.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC AND/OR 3015LF | 09/03/19 | 3015VP -6.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015VP, 3015TWF, 3015UC, 3015LF

3M™ AIR BARRIER MEMBRANE 3015VP

3M™ 3015TWF THROUGH WALL FLASHING

MORTAR DROPPING COLLECTION DEVICE

STAINLESS STEEL DRIP EDGE IN FULL BED OF SEALANT

WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT

LAP FLASHING MEMBRANE OVER FIELD 3015VP MEMBRANE

DOOR AND FRAME

2" MIN.

2" MIN.

2" MIN.

12" MIN.

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -7.0B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

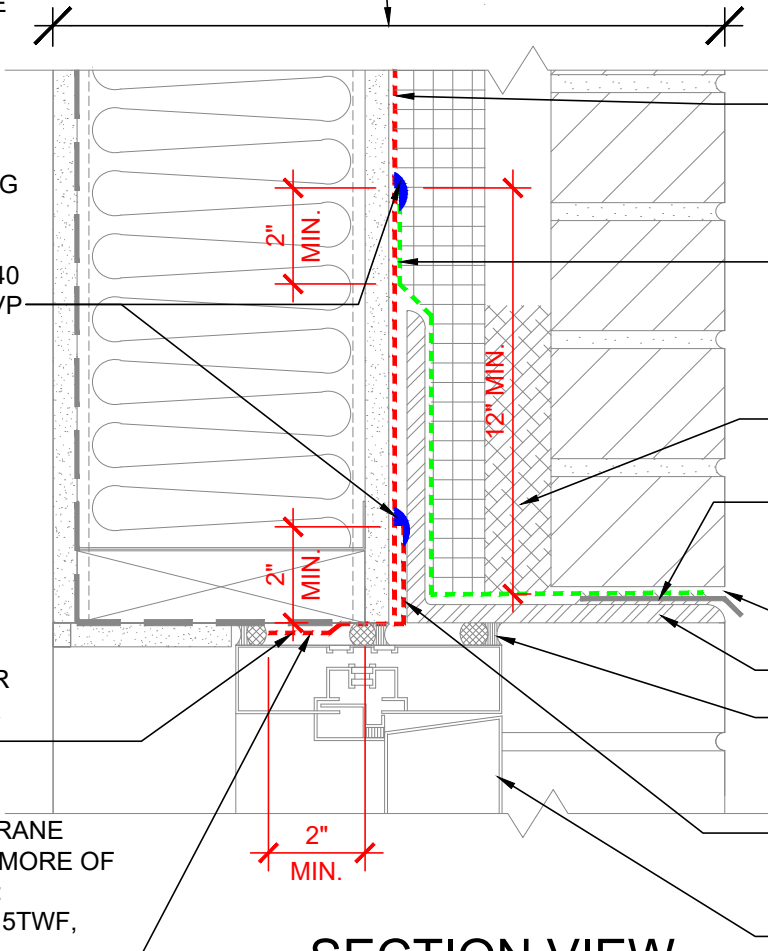
THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

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 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015VP, 3015TWF, 3015UC, 3015LF



3M™ AIR BARRIER MEMBRANE 3015VP

3M™ 3015TWF THROUGH WALL FLASHING

MORTAR DROPPING COLLECTION DEVICE

STAINLESS STEEL DRIP EDGE IN FULL BED OF SEALANT

WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT TYPICAL

LAP FLASHING MEMBRANE OVER FIELD 3015VP MEMBRANE

DOOR AND FRAME

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -7.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FIELD 3015VP MEMBRANE OVER FLASHING MEMBRANE

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING:
3015, 3015VP, 3015TWF, 3015UC, 3015LF

3M™ AIR BARRIER MEMBRANE 3015VP

3M™ 3015TWF THROUGH WALL FLASHING

MORTAR DROPPING COLLECTION DEVICE

STAINLESS STEEL DRIP EDGE IN FULL BED OF SEALANT

WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT TYPICAL

APPLY FIELD SHEET MEMBRANE ±1/2" FROM CORNER

DOOR AND FRAME

SECTION VIEW

NOTES:

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5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -7.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE BEHIND (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FIELD 3015VP MEMBRANE OVER FLASHING MEMBRANE

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015VP, 3015TWF, 3015UC, 3015LF

3M™ AIR BARRIER MEMBRANE 3015VP

3M™ 3015TWF THROUGH WALL FLASHING

MORTAR DROPPING COLLECTION DEVICE

STAINLESS STEEL DRIP EDGE IN FULL BED OF SEALANT

WEEPS

STEEL LINTEL ANGLE

BACKER ROD AND SEALANT TYPICAL

APPLY FIELD SHEET MEMBRANE ±1/2" FROM CORNER

DOOR AND FRAME

SECTION VIEW

NOTES:

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2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
6. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

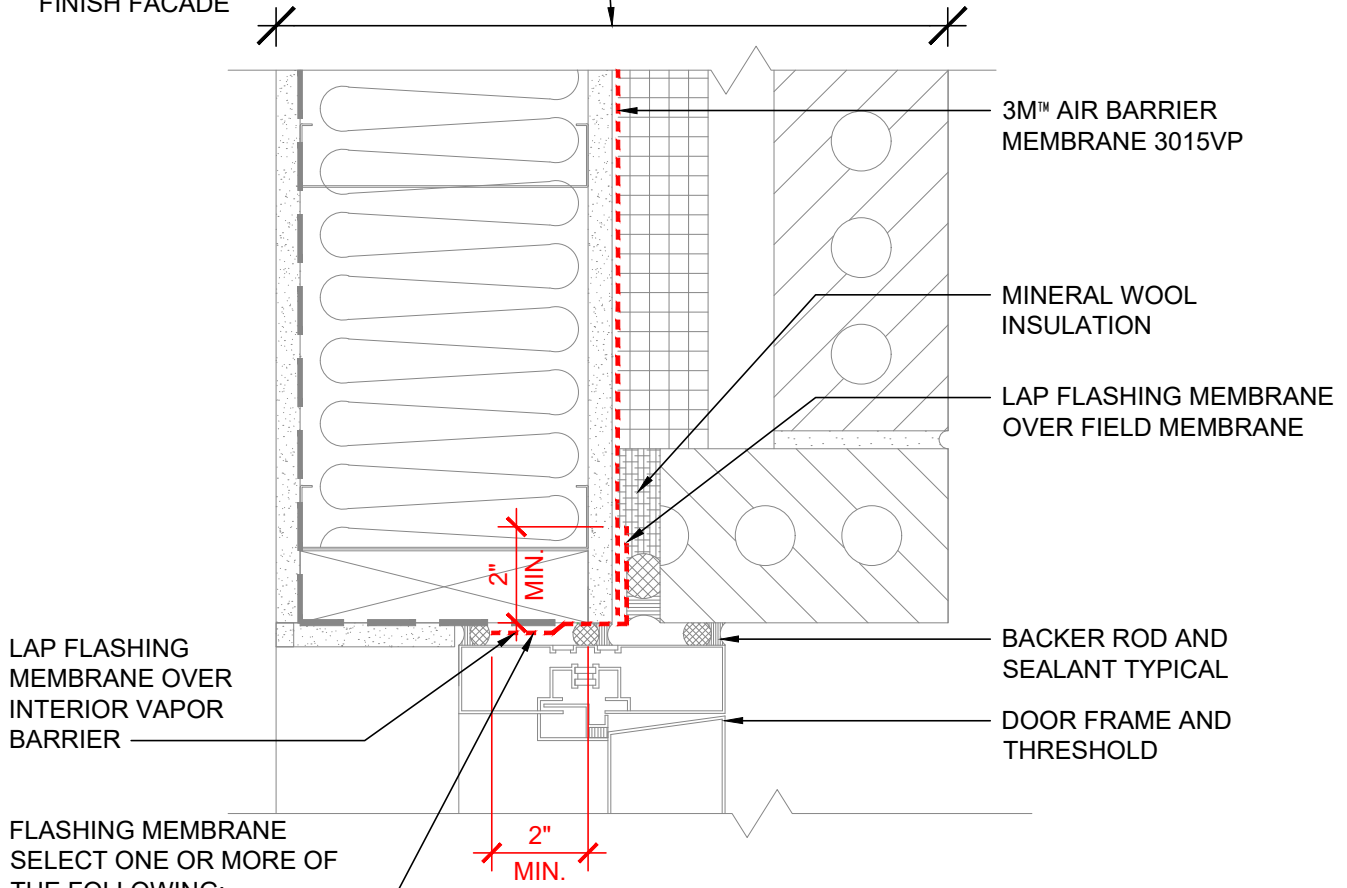
3M™ Air Barrier Membrane 3015VP



| | | |
|---|-----------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -7.1B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | J.M.B. / D.N.C. | |

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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING:
3015, 3015VP, 3015TWF, 3015UC, 3015LF

3M™ AIR BARRIER MEMBRANE 3015VP

MINERAL WOOL INSULATION

LAP FLASHING MEMBRANE OVER FIELD MEMBRANE

BACKER ROD AND SEALANT TYPICAL

DOOR FRAME AND THRESHOLD

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015 MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

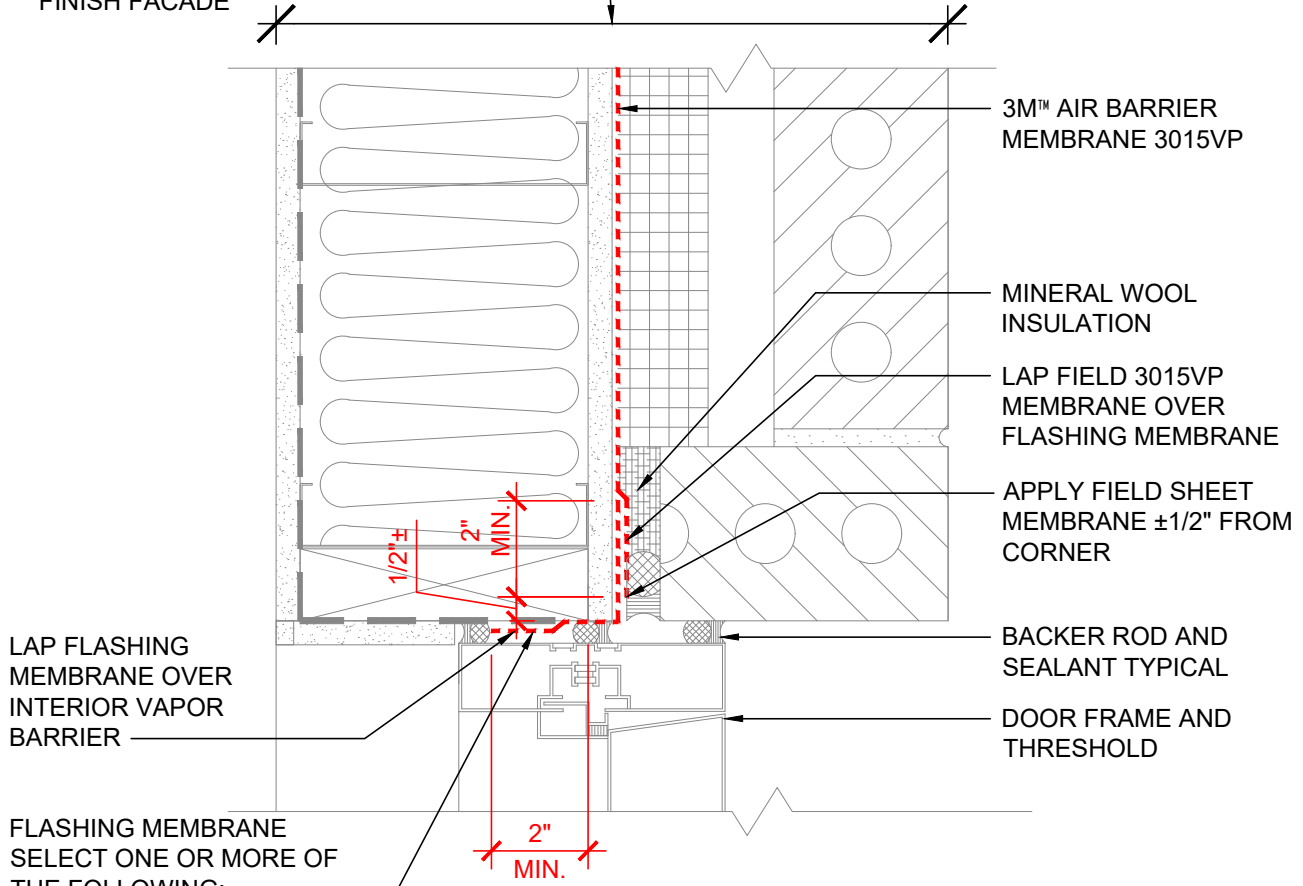
3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -8.0A |
| TITLE: BRICK VENEER / STEEL STUD WALL ALUM. DOOR JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING:
3015, 3015VP, 3015TWF, 3015UC, 3015LF

3M™ AIR BARRIER MEMBRANE 3015VP

MINERAL WOOL INSULATION

LAP FIELD 3015VP MEMBRANE OVER FLASHING MEMBRANE

APPLY FIELD SHEET MEMBRANE ±1/2" FROM CORNER

BACKER ROD AND SEALANT TYPICAL

DOOR FRAME AND THRESHOLD

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. THE PRIMARY SEALANT JOINT SHOULD BE ADHERED TO THE 3M™ AIR BARRIER 3015VP MEMBRANE AND THE LOCATION OF THE PRIMARY SEALANT JOINT SHOULD BE DISCUSSED WITH THE DOOR/WINDOW MANUFACTURER AND DESIGN PROFESSIONAL.
5. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air Barrier Membrane 3015VP

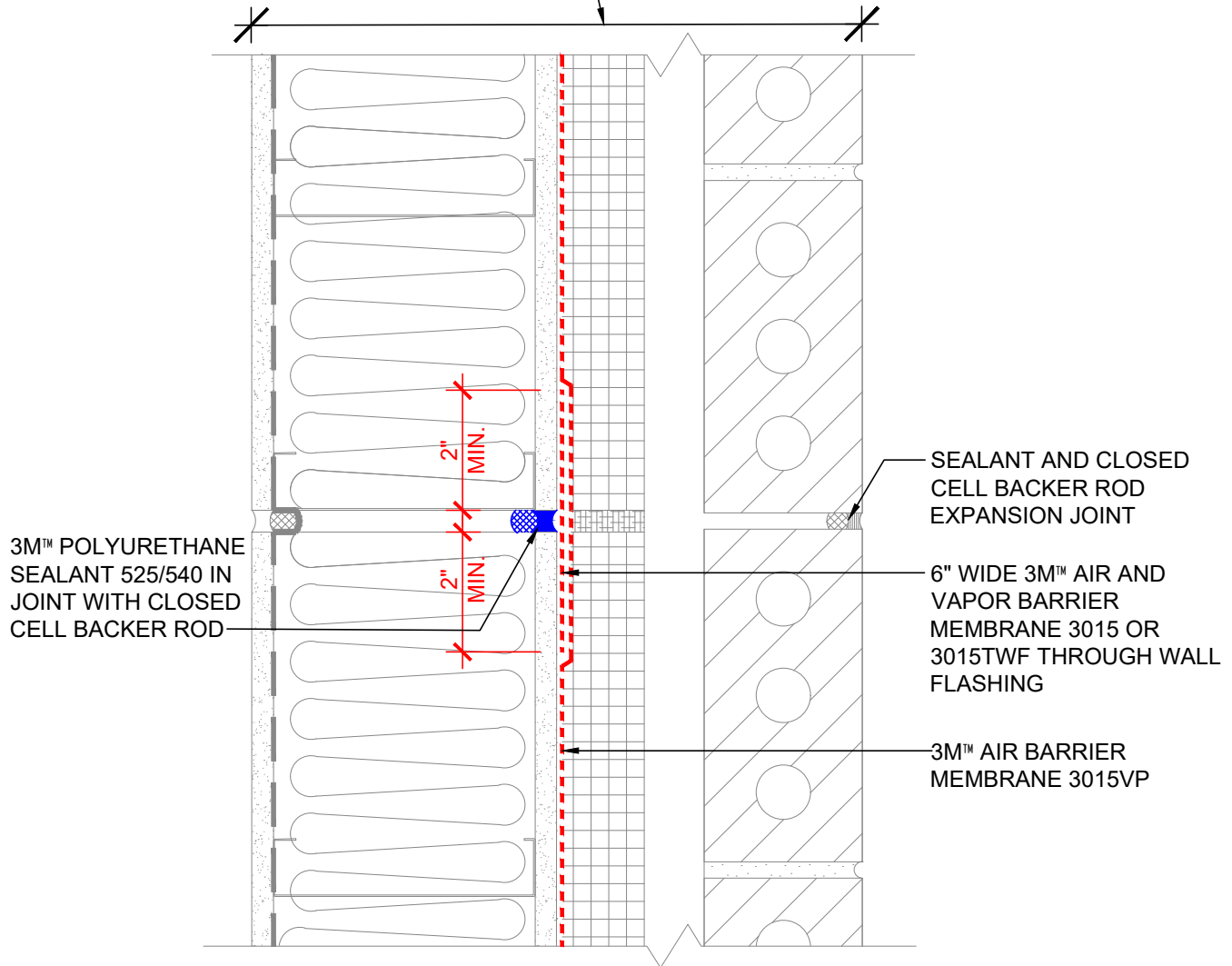


| | | |
|--|-----------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -8.1A |
| TITLE: BRICK VENEER / STEEL STUD WALL ALUM. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

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- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



PLAN VIEW

NOTES:

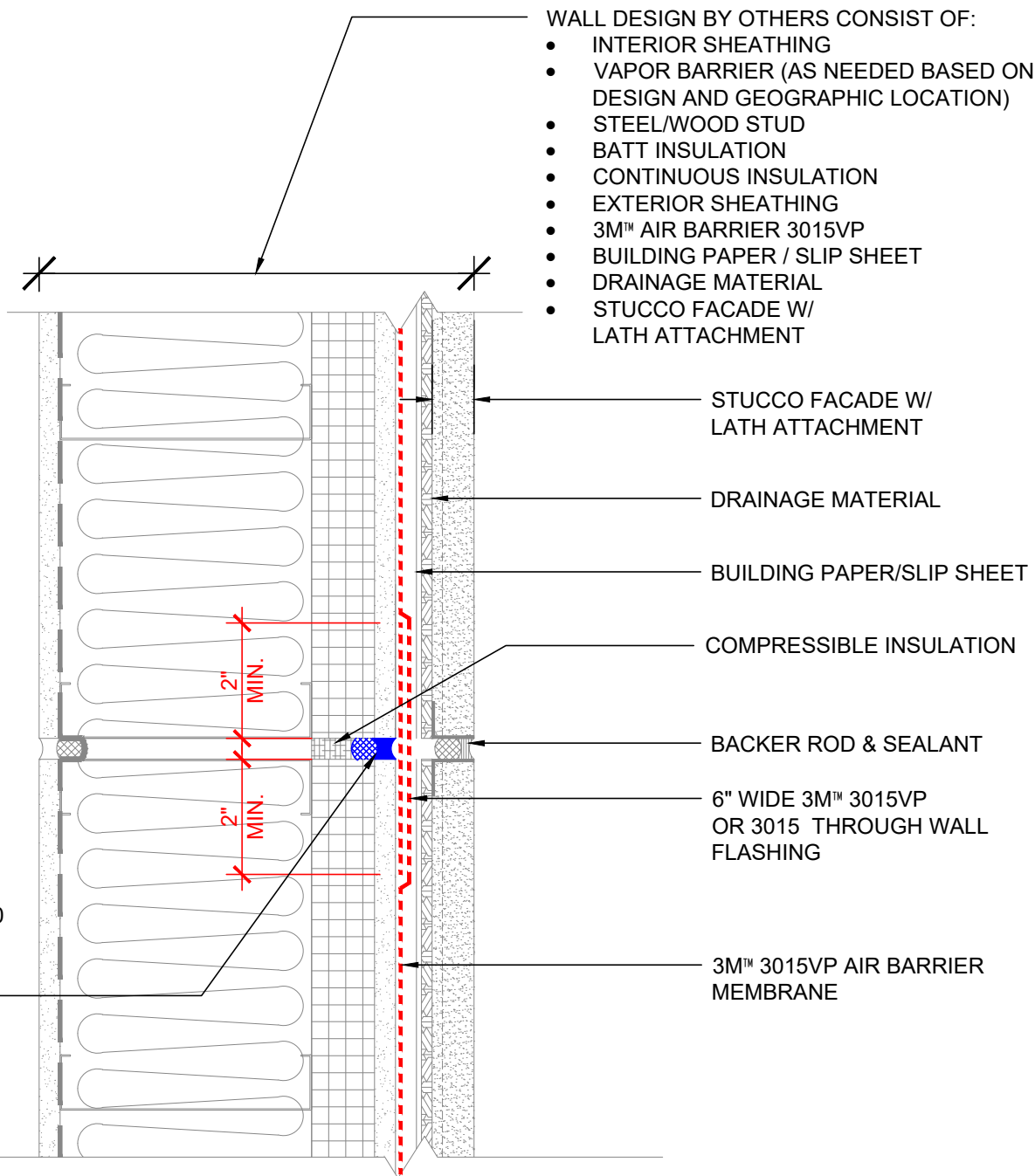
1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -9.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL EXPANSION JOINT | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - CONTINUOUS INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - BUILDING PAPER / SLIP SHEET
 - DRAINAGE MATERIAL
 - STUCCO FACADE W/ LATH ATTACHMENT

- STUCCO FACADE W/ LATH ATTACHMENT
- DRAINAGE MATERIAL
- BUILDING PAPER/SLIP SHEET
- COMPRESSIBLE INSULATION
- BACKER ROD & SEALANT
- 6" WIDE 3M™ 3015VP OR 3015 THROUGH WALL FLASHING
- 3M™ 3015VP AIR BARRIER MEMBRANE

3M™
POLYURETHANE
SEALANT 525/540
IN JOINT WITH
CLOSED CELL
BACKER ROD

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M 525 OR 540 SEALANT.
3. ADD CONSTRUCTION JOINT IN STUCCO AS REQUIRED.

3M™ Air Barrier Membrane 3015VP

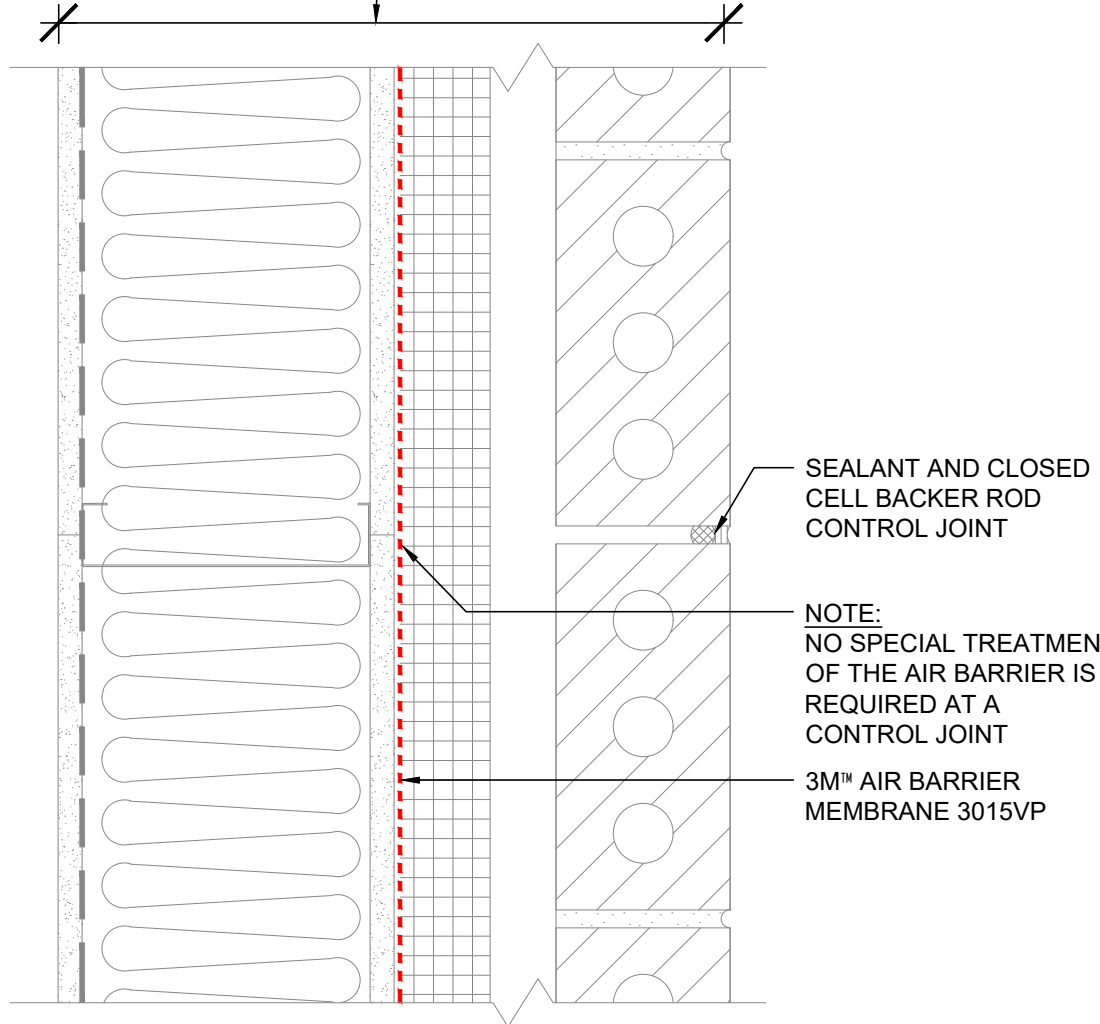


| | | |
|---|------------------|-----------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015 TWF AND 525/545 | 08/28/19 | 3015VP -9.0S |
| TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL EXPANSION/ CONSTRUCTION JOINT | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

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WALL DESIGN BY OTHERS CONSIST OF:

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- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2"
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|------------------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP | 09/03/19 | 3015VP -10.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL CONTROL JOINT | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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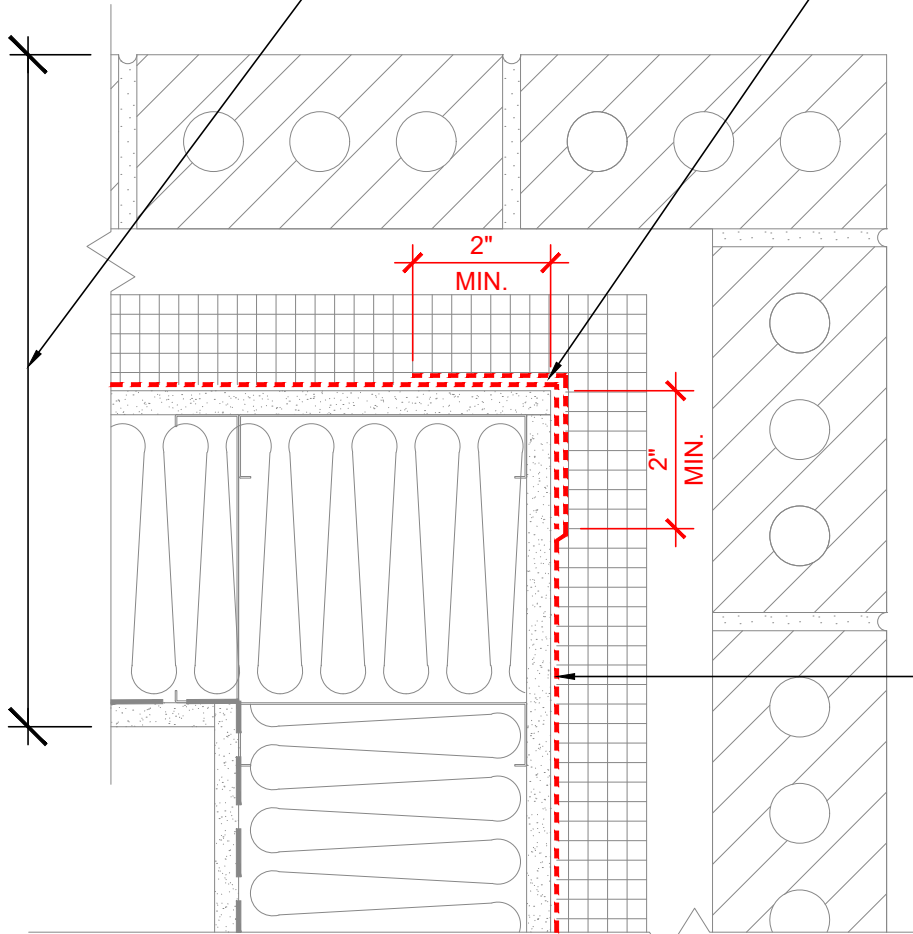
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- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

2-LAYERS OF AIR BARRIER REQUIRED:

OPTION 1). OVERLAP FIELD AREA OF 3015VP TO CREATE 2-LAYERS AT OUTSIDE CORNER (DEPICTED)

OPTION 2). DETAIL CORNER WITH 6" WIDE 3015 OR 3015TWF OVER OR BEHIND FIELD APPLIED 3015VP MEMBRANE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -11.0A |
| TITLE: BRICK VENEER / STUD / WOOD WALL EXTERIOR CORNER | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

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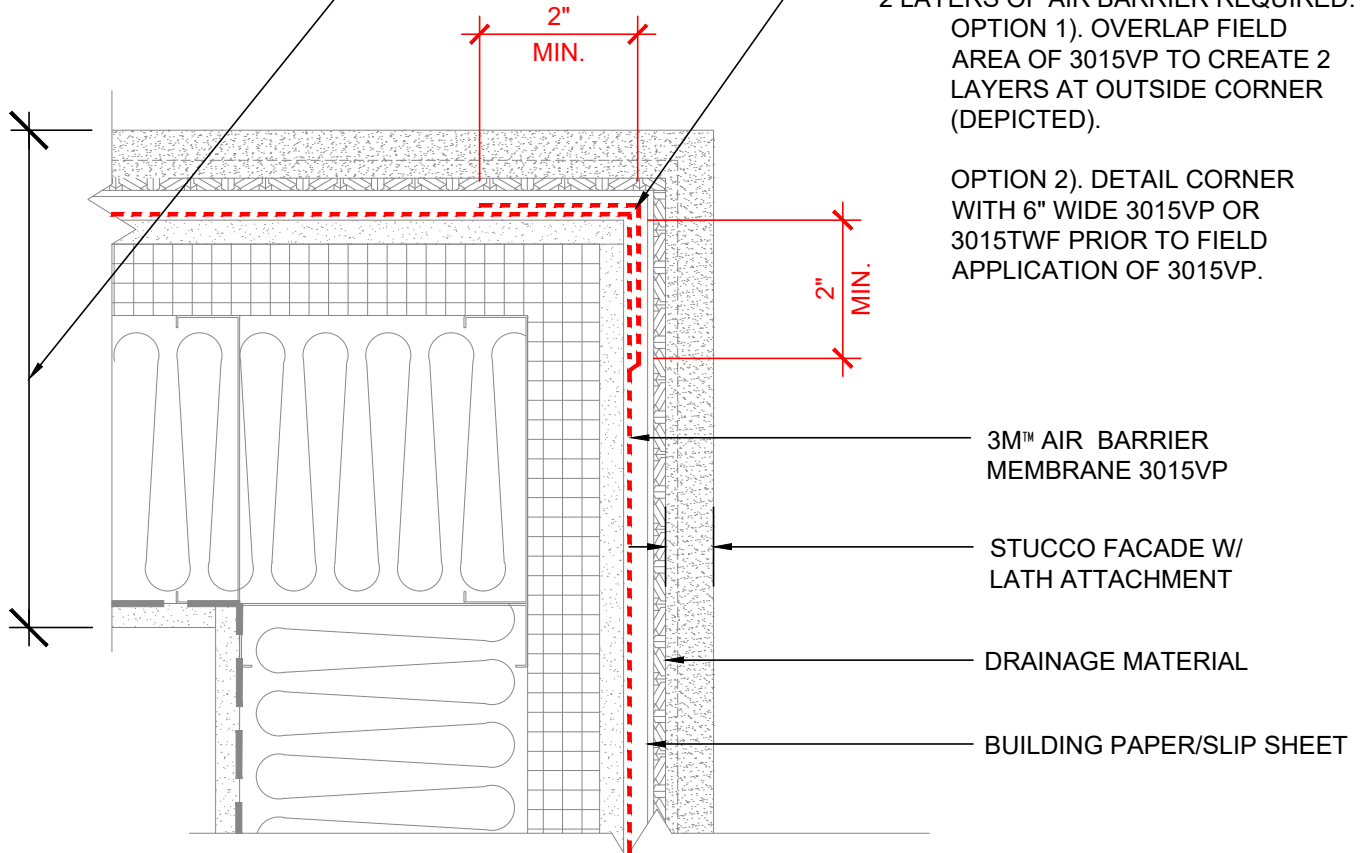
WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- CONTINUOUS INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- BUILDING PAPER / SLIP SHEET
- DRAINAGE MATERIAL
- STUCCO FACADE W/ LATH ATTACHMENT

2 LAYERS OF AIR BARRIER REQUIRED:

OPTION 1). OVERLAP FIELD AREA OF 3015VP TO CREATE 2 LAYERS AT OUTSIDE CORNER (DEPICTED).

OPTION 2). DETAIL CORNER WITH 6" WIDE 3015VP OR 3015TWF PRIOR TO FIELD APPLICATION OF 3015VP.



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2"
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M 525 OR 540 SEALANT.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|-----------|--------------------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015 TWF AND 525/540 | 08/28/19 | 3015VP -11.0S |
| TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL EXTERIOR CORNER | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

2 LAYERS OF AIR BARRIER REQUIRED:

OPTION 1). OVERLAP FIELD AREA OF 3015VP TO CREATE 2 LAYERS AT INSIDE CORNER (DEPICTED).

OPTION 2). DETAIL CORNER WITH 6" WIDE 3015VP OR 3015TWF PRIOR TO FIELD APPLICATION OF 3015VP.

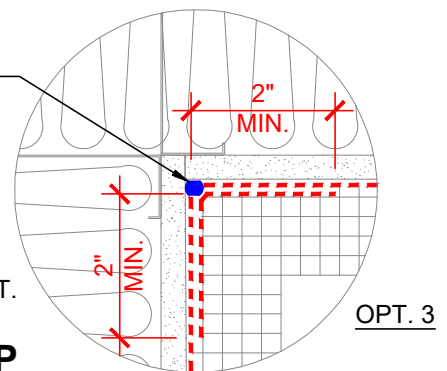
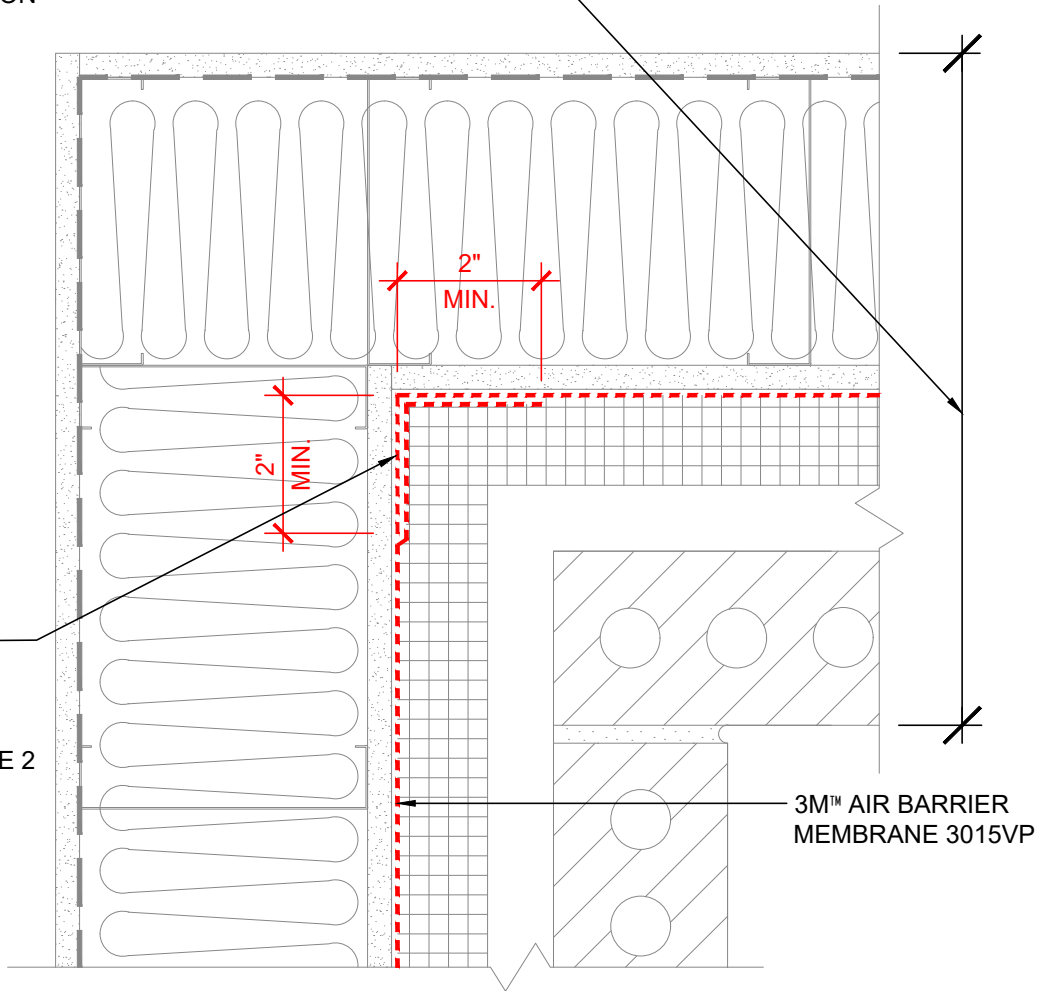
OPTION 3). 1ST LAYER 525 OR 540 SEALANT AT SEAM, 2ND LAYER 6" WIDE 3015VP OR 3015 TWF. (DEPICTED IN PARTIAL DETAIL)

3M™ POLYURETHANE SEALANT 525/540 IN CORNER AT SEAM

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.



3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -12.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL INTERIOR CORNER | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

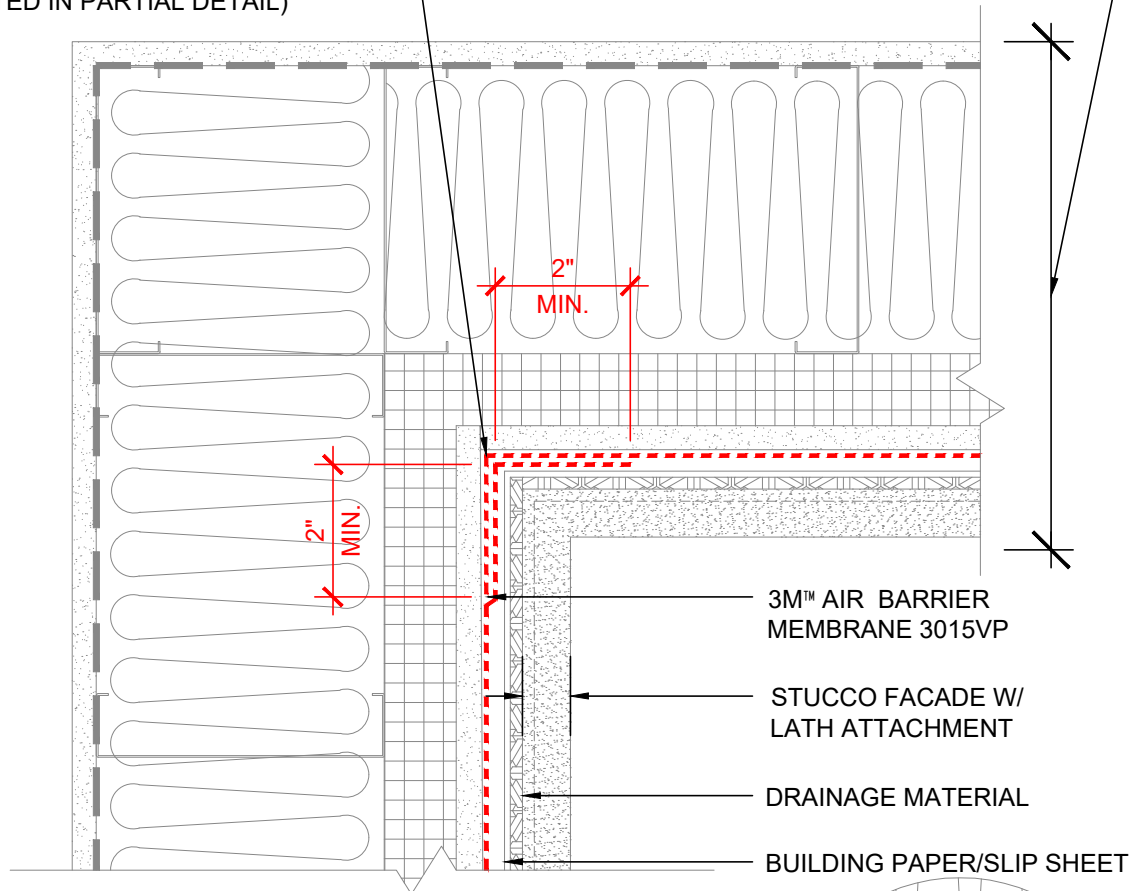
2 LAYERS OF AIR BARRIER REQUIRED:
 OPTION 1). OVERLAP FIELD AREA
 OF 3015VP TO CREATE 2 LAYERS
 AT INSIDE CORNER (DEPICTED).

OPTION 2). DETAIL CORNER WITH
 6" WIDE 3015VP OR 3015TWF
 PRIOR TO FIELD APPLICATION OF
 3015VP.

OPTION 3). 1ST LAYER 525 OR 540
 SEALANT AT SEAM, 2ND LAYER 6"
 WIDE AVB 3015VP OR 3015 TWF.
 (DEPICTED IN PARTIAL DETAIL)

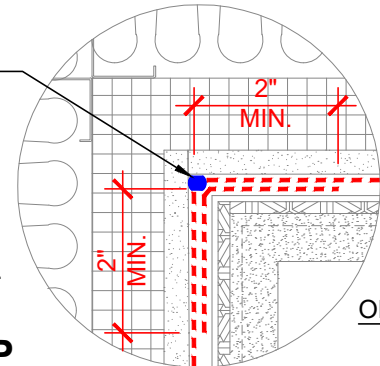
WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- CONTINUOUS INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- BUILDING PAPER / SLIP SHEET
- DRAINAGE MATERIAL
- STUCCO FACADE W/
LATH ATTACHMENT



3M™ POLYURETHANE SEALANT
 525/540 IN CORNER AT SEAM

PLAN VIEW



OPT. 3

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2"
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M 525 OR 540 SEALANT.

3M™ Air Barrier Membrane 3015VP



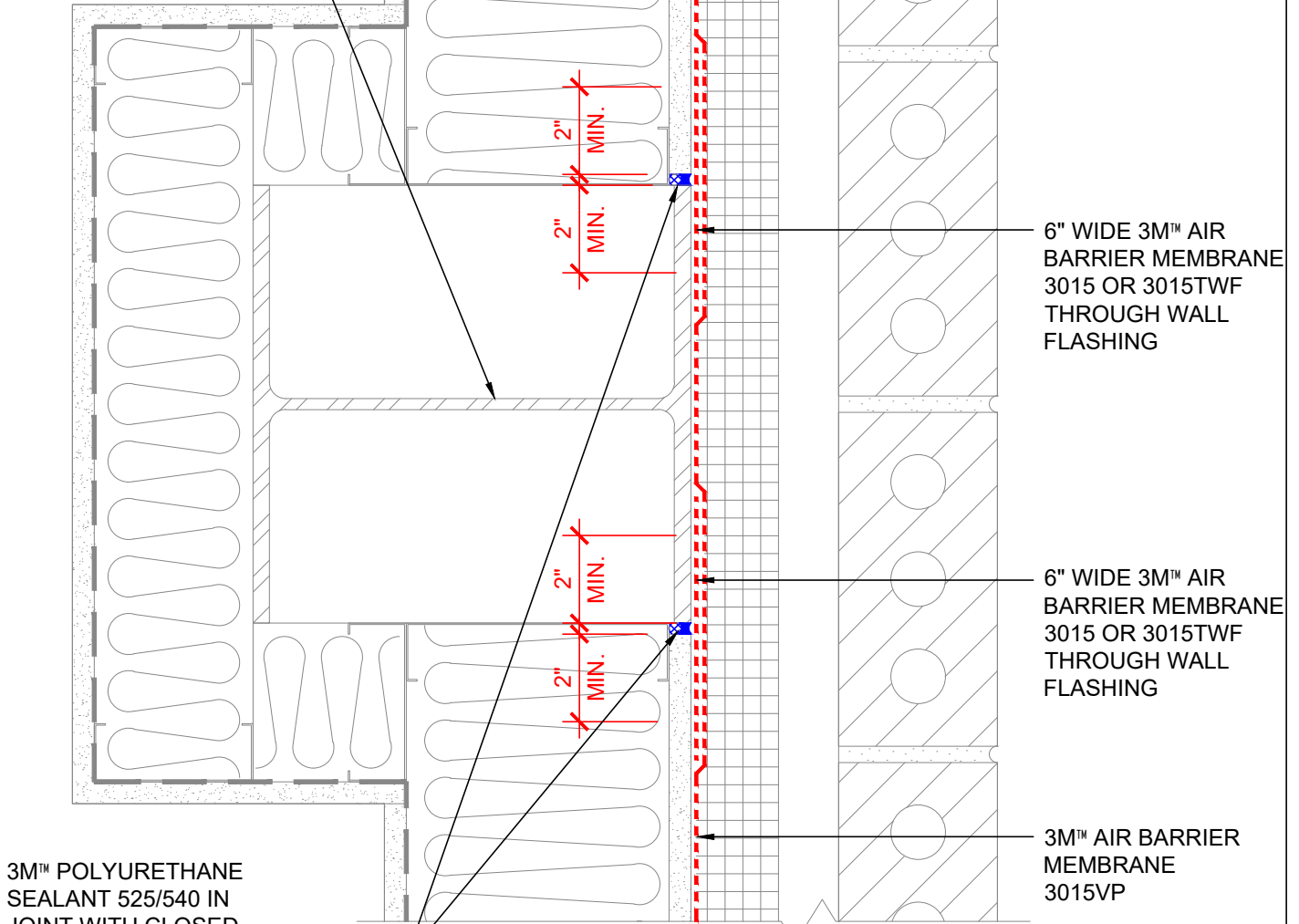
| | | |
|--|-----------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015 TWF AND 525/540 | 08/28/19 | 3015VP -12.0S |
| TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL INTERIOR CORNER | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

STRUCTURAL
STEEL COLUMN



3M™ POLYURETHANE
SEALANT 525/540 IN
JOINT WITH CLOSED
CELL BACKER ROD

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT STEEL COLUMN EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

3M™ Air Barrier Membrane 3015VP



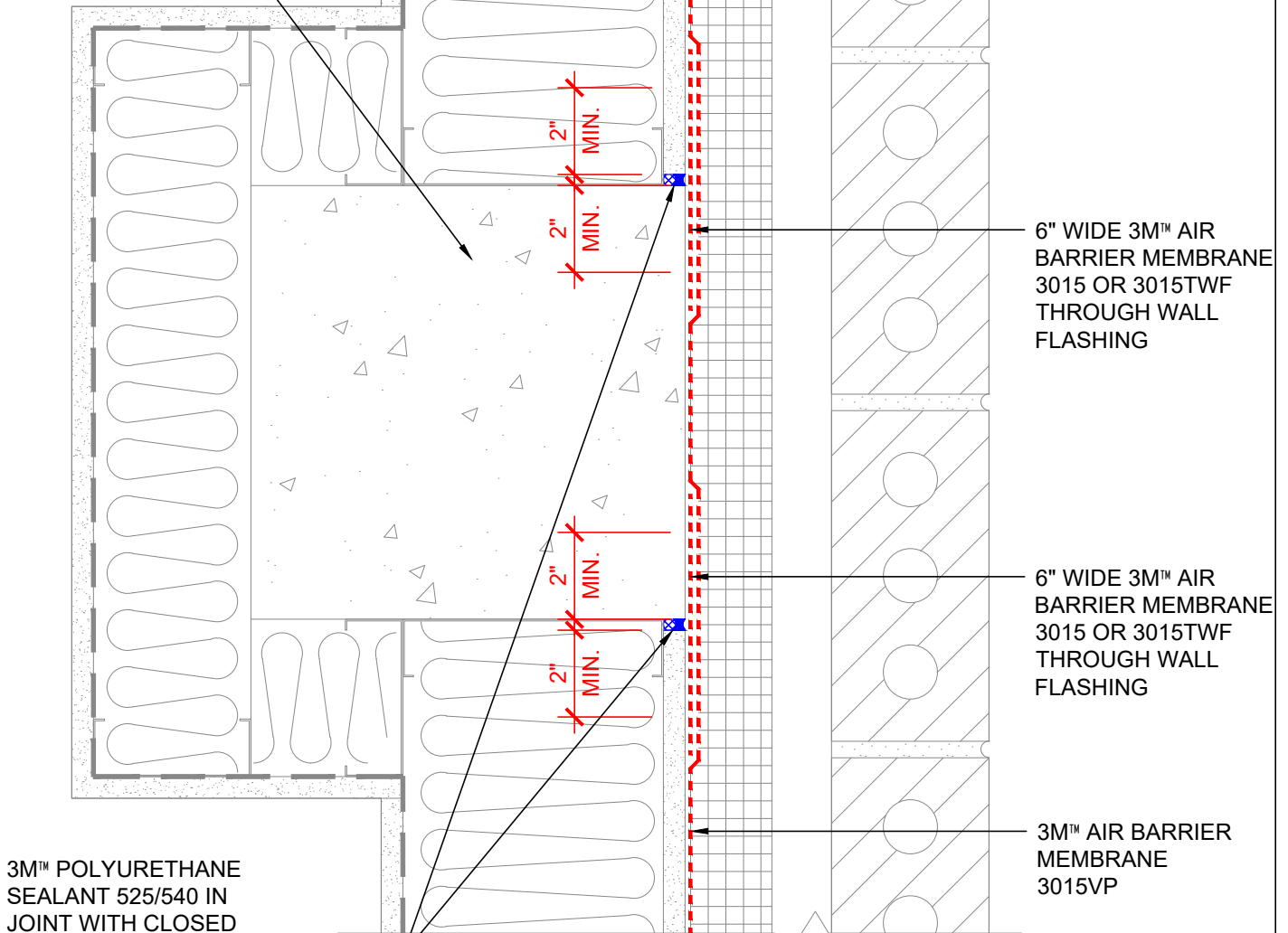
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|---|------------------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -13.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL STEEL COLUMN CONNECTION | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

WALL DESIGN BY OTHERS CONSIST OF:

- INTERIOR SHEATHING
- VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
- STEEL/WOOD STUD
- BATT INSULATION
- EXTERIOR SHEATHING
- 3M™ AIR BARRIER 3015VP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE

CONCRETE COLUMN



3M™ POLYURETHANE SEALANT 525/540 IN JOINT WITH CLOSED CELL BACKER ROD

6" WIDE 3M™ AIR BARRIER MEMBRANE 3015 OR 3015TWF THROUGH WALL FLASHING

6" WIDE 3M™ AIR BARRIER MEMBRANE 3015 OR 3015TWF THROUGH WALL FLASHING

3M™ AIR BARRIER MEMBRANE 3015VP

PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT CONCRETE COLUMN EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

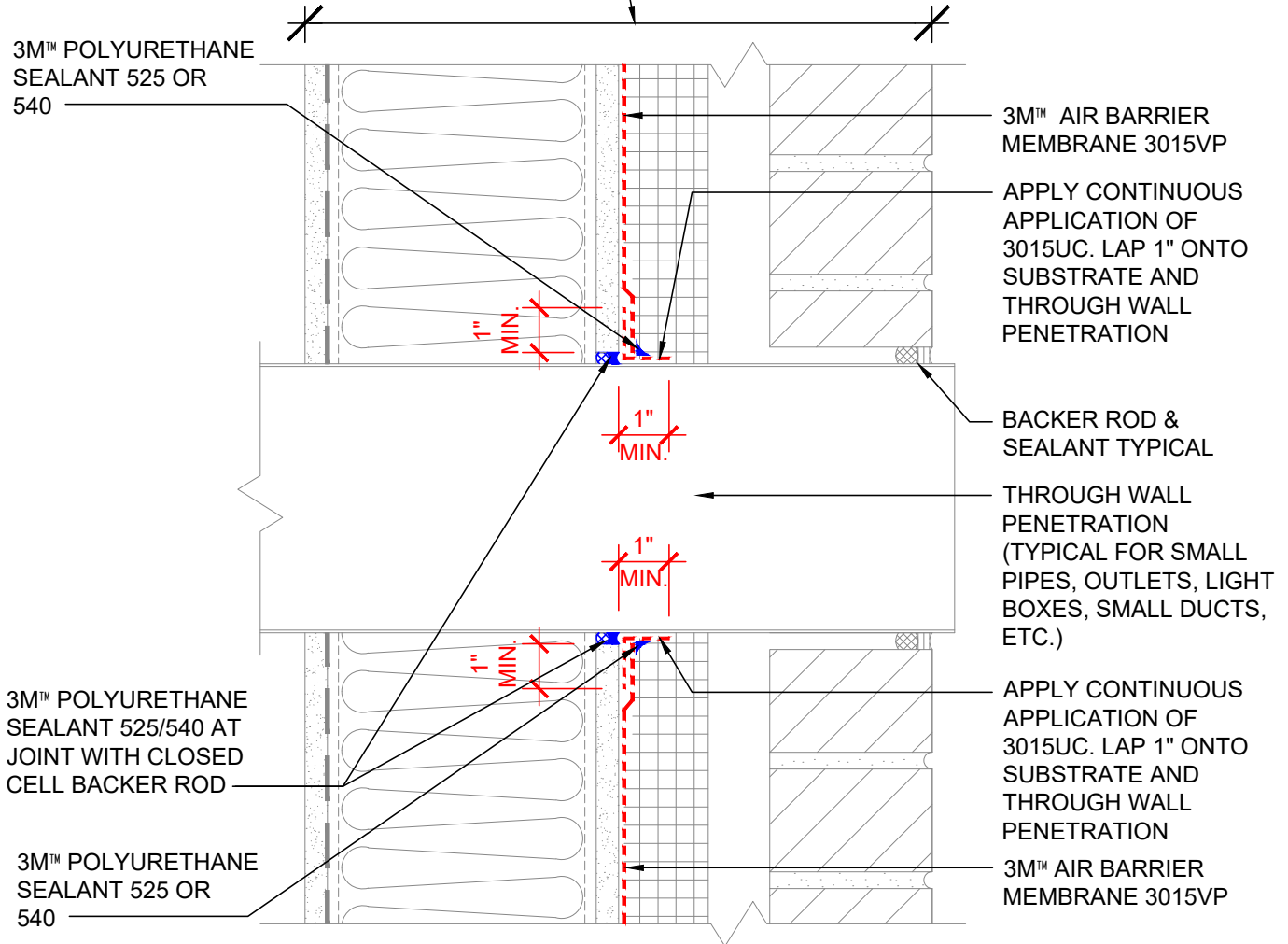
3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540 | 09/03/19 | 3015VP -14.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL CONCRETE COLUMN CONNECTION | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. IF GAP AT PENETRATION EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.
4. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|-----------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015UC AND 525/540 | 09/03/19 | 3015VP -15.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL THROUGH WALL PIPE OR DUCT PENETRATION | SCALE: | |
| | N.T.S. | |
| | DRAWN BY: | |
| | J.M.B. / D.N.C. | |

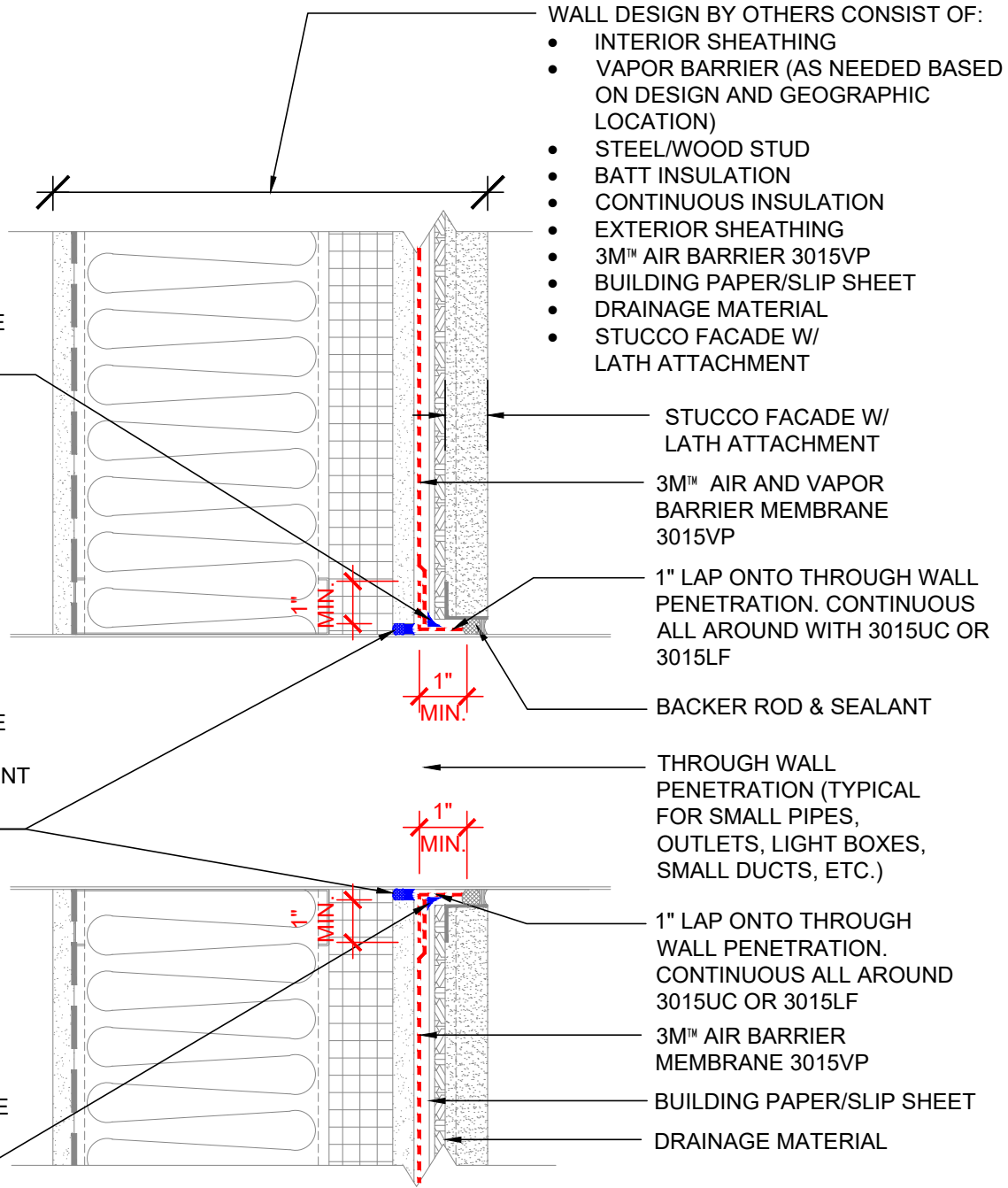
THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - CONTINUOUS INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - BUILDING PAPER/SLIP SHEET
 - DRAINAGE MATERIAL
 - STUCCO FACADE W/ LATH ATTACHMENT

3M™ POLYURETHANE SEALANT 525 OR 540

3M™ POLYURETHANE SEALANT 525/540/740UV IN JOINT WITH CLOSED CELL BACKER ROD

3M™ POLYURETHANE SEALANT 525 OR 540



STUCCO FACADE W/ LATH ATTACHMENT

3M™ AIR AND VAPOR BARRIER MEMBRANE 3015VP

1" LAP ONTO THROUGH WALL PENETRATION. CONTINUOUS ALL AROUND WITH 3015UC OR 3015LF

BACKER ROD & SEALANT

THROUGH WALL PENETRATION (TYPICAL FOR SMALL PIPES, OUTLETS, LIGHT BOXES, SMALL DUCTS, ETC.)

1" LAP ONTO THROUGH WALL PENETRATION. CONTINUOUS ALL AROUND 3015UC OR 3015LF

3M™ AIR BARRIER MEMBRANE 3015VP

BUILDING PAPER/SLIP SHEET

DRAINAGE MATERIAL

SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2"
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M 525/540/740UV SEALANT.

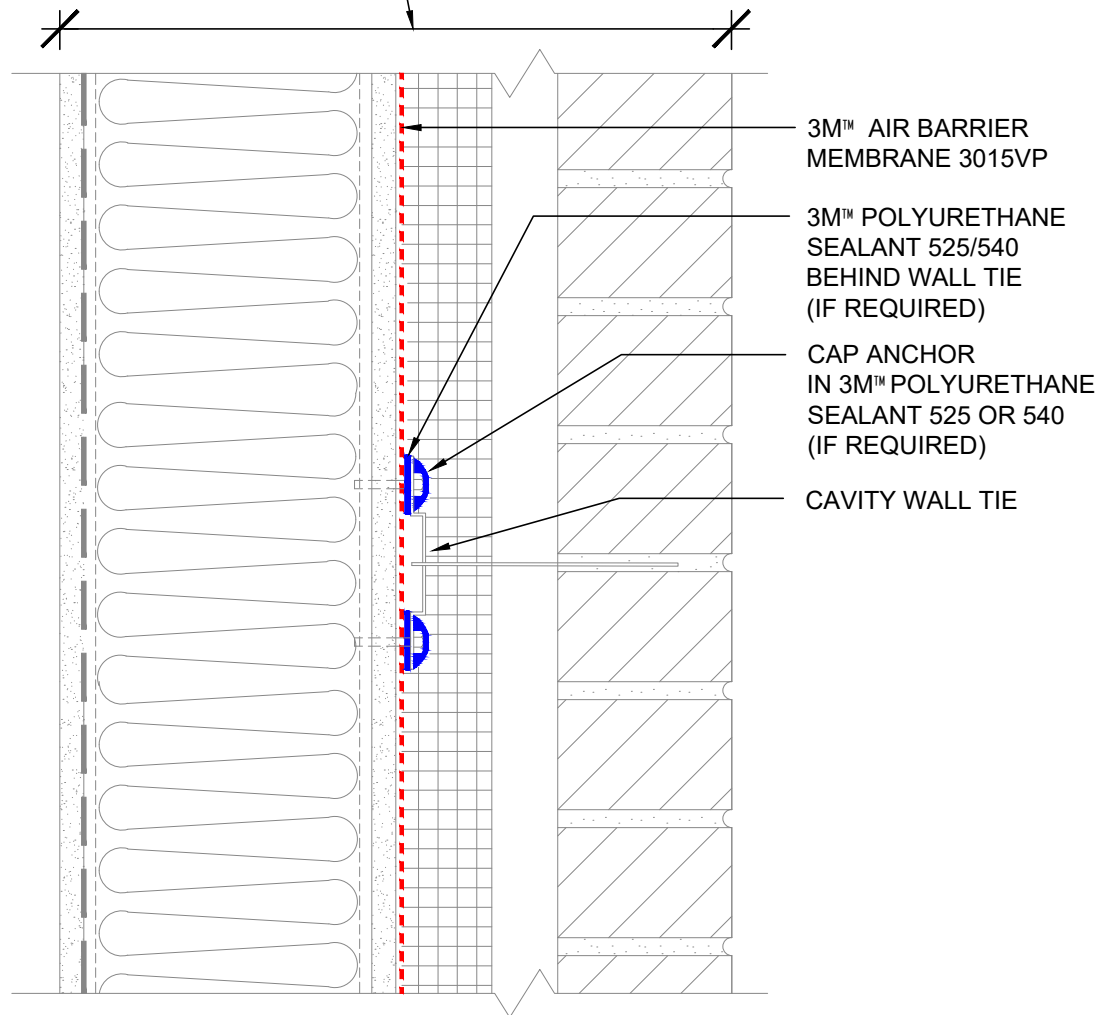
3M™ Air Barrier Membrane 3015VP



| | | |
|--|------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015UC, 3015LF AND 525/540/740UV | 08/28/19 | 3015VP -15.0S |
| TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL TYPICAL THROUGH WALL PENETRATION | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

- NOTES:
1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
 2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
 3. VALIDATE PERFORMANCE OF FASTENERS FOR SEALING REQUIREMENTS.

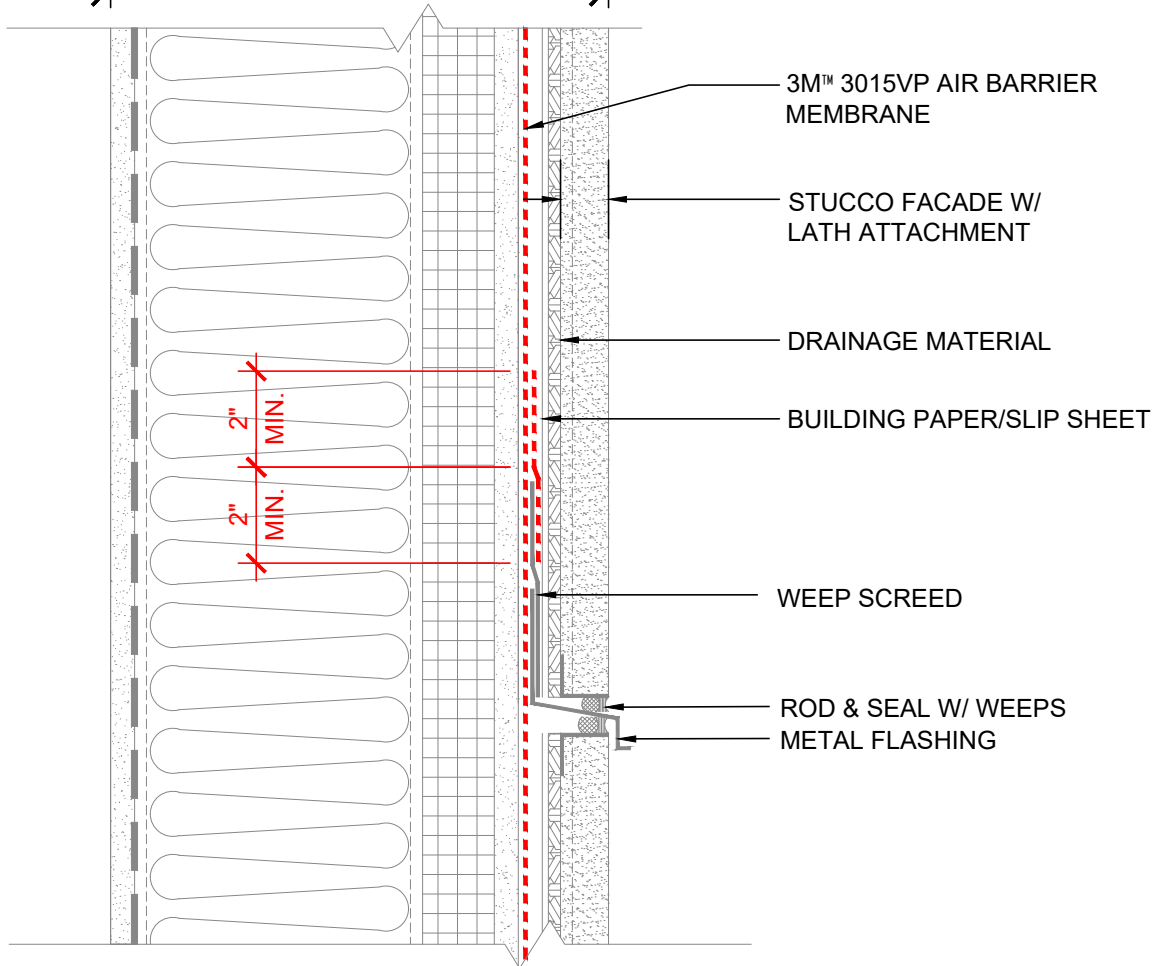
3M™ Air Barrier Membrane 3015VP



| | | |
|---|---------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP AND 525/540 | 09/03/19 | 3015VP -16.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL CAVITY WALL TIE | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - CONTINUOUS INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - BUILDING PAPER / SLIP SHEET
 - DRAINAGE MATERIAL
 - STUCCO FACADE W/ LATH ATTACHMENT



SECTION VIEW

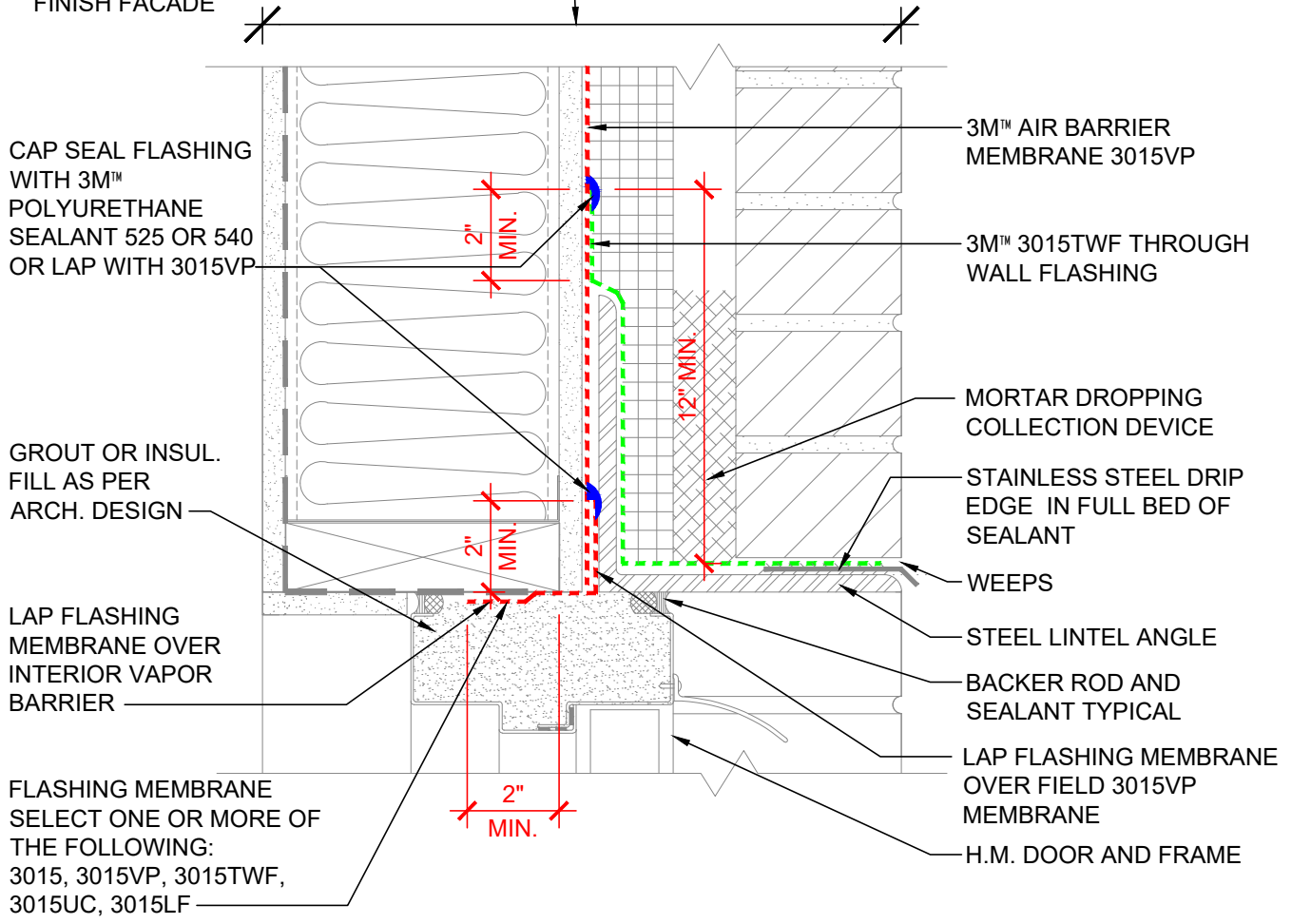
3M™ Air Barrier Membrane 3015VP



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| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015VP, 3015UC | 08/28/19 | 3015VP-16.0S |
| TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL HORIZONTAL STUCCO JOINT | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

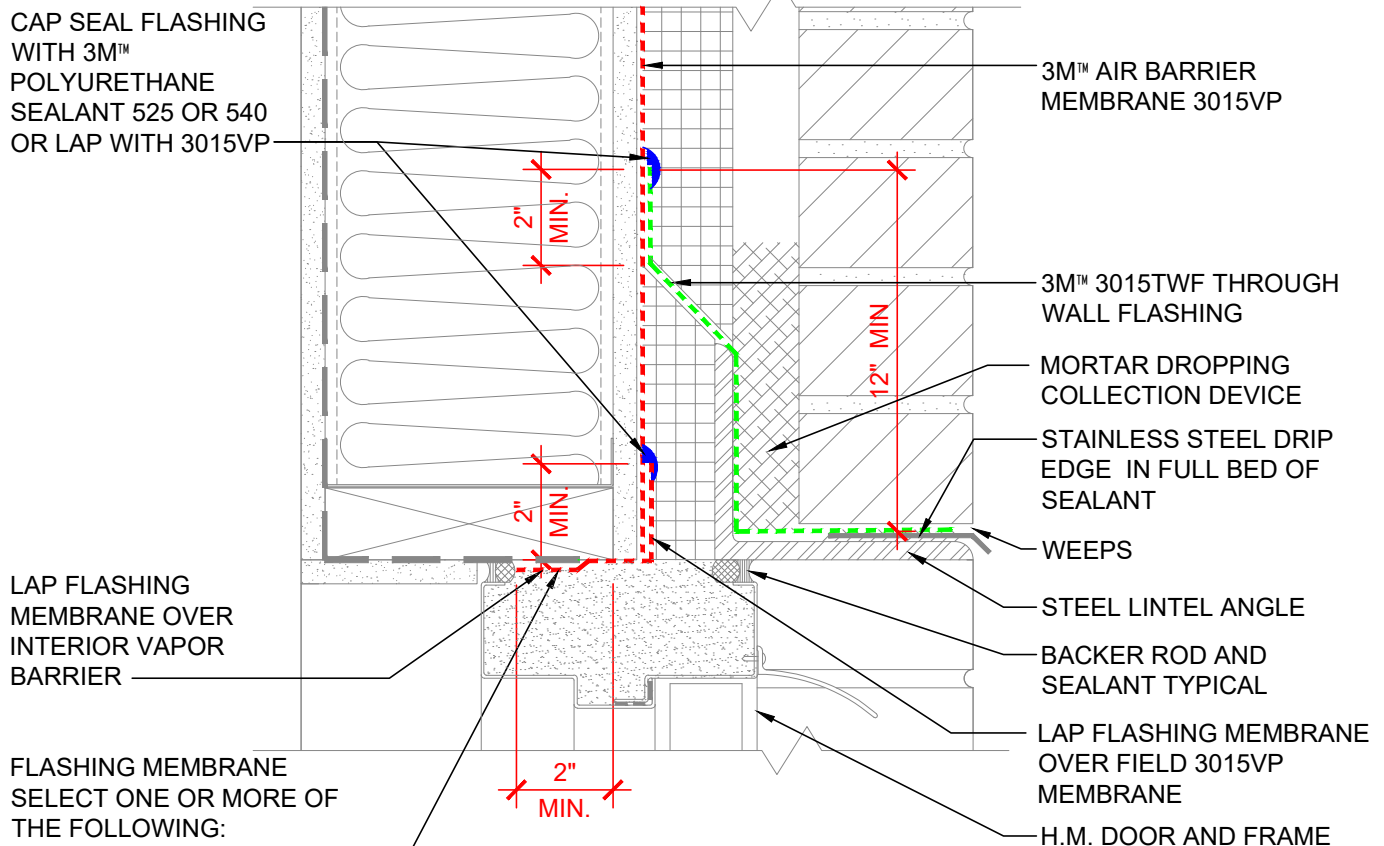
3M™ Air Barrier Membrane 3015VP



| | | |
|---|------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -17.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
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 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

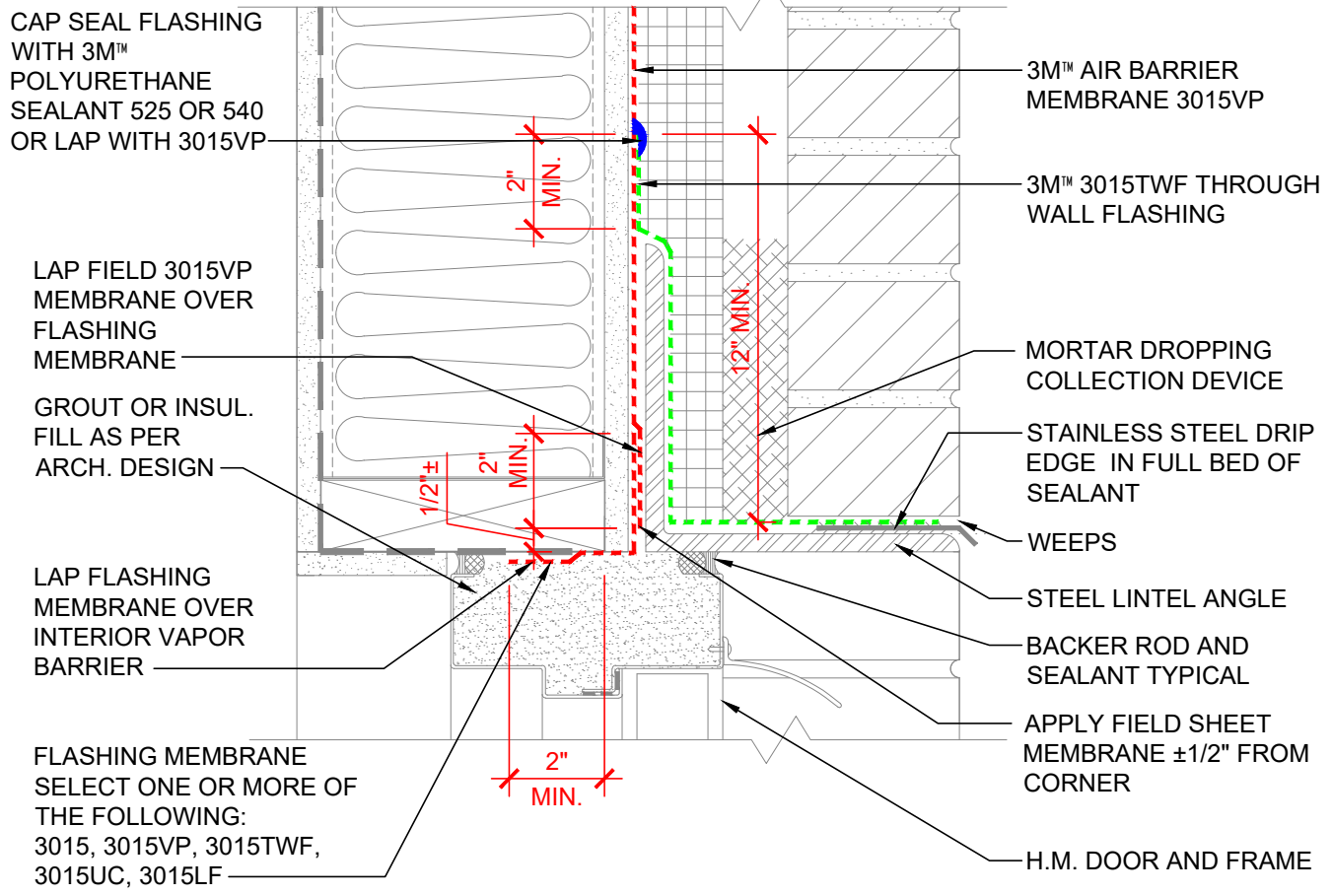
3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -17.0B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

3M™ Air Barrier Membrane 3015VP



| | | |
|---|------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -17.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

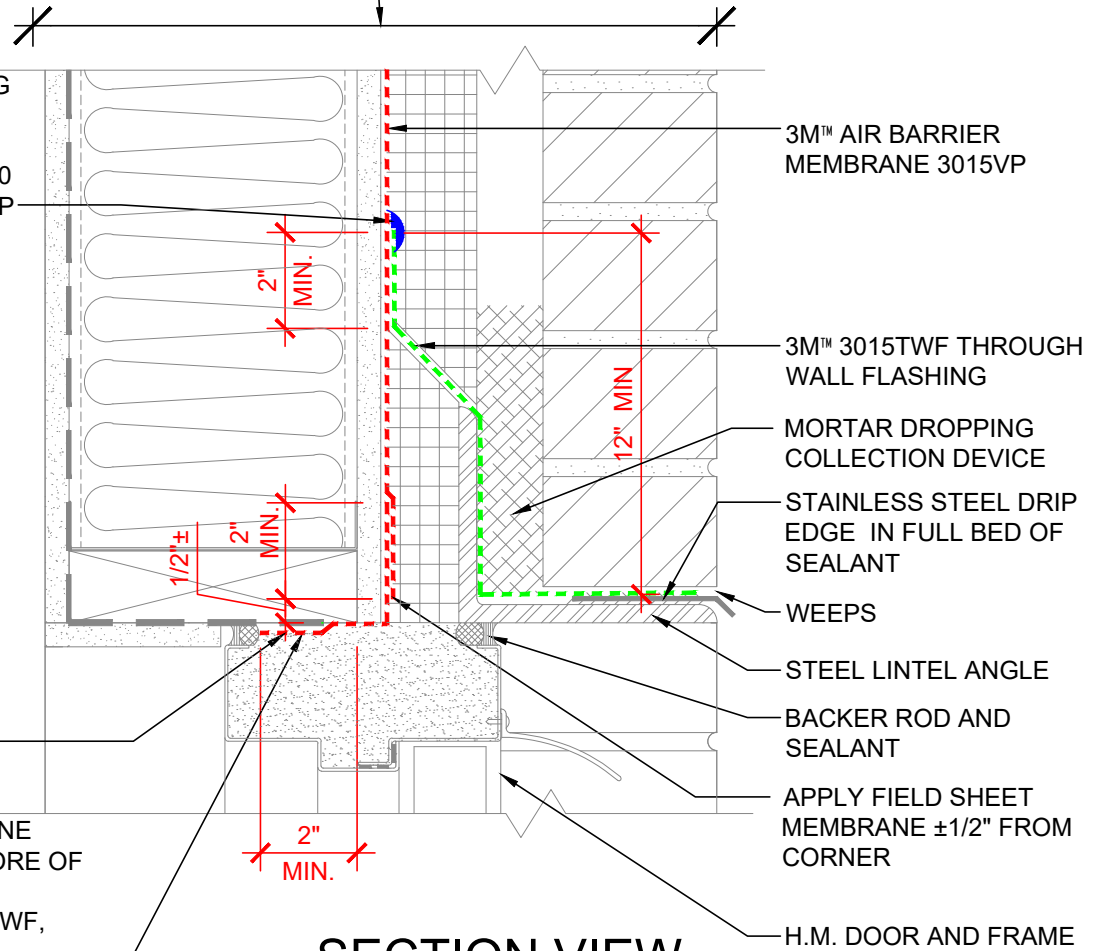
THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE

CAP SEAL FLASHING WITH 3M™ POLYURETHANE SEALANT 525 OR 540 OR LAP WITH 3015VP

LAP FLASHING MEMBRANE OVER INTERIOR VAPOR BARRIER

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015, 3015VP, 3015TWF, 3015UC, 3015LF



SECTION VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.
5. CAVITY WALL TIES NOT SHOWN. REFER TO 3M DETAIL 16.0A FOR CONDITION AT CAVITY WALL TIES.

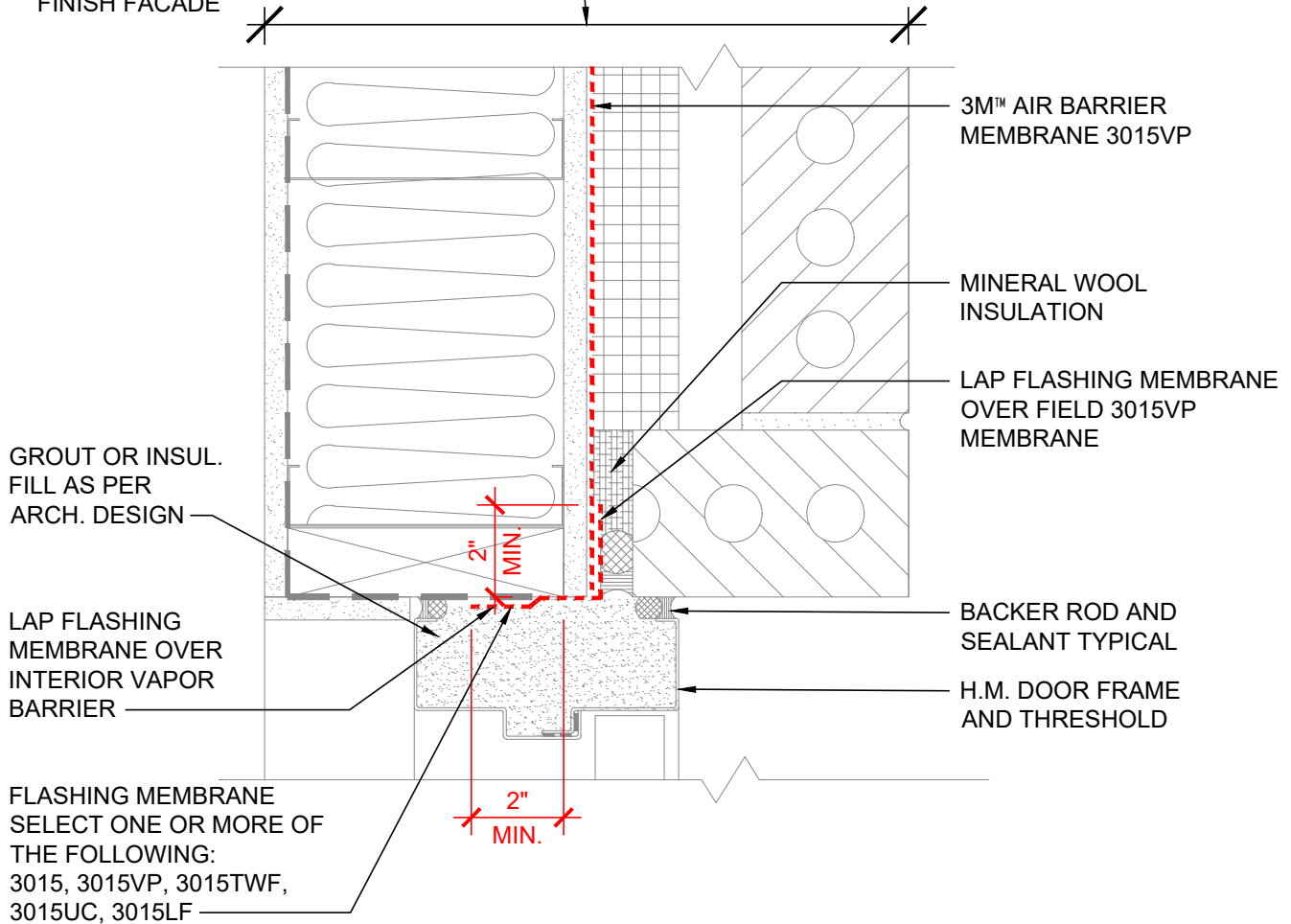
3M™ Air Barrier Membrane 3015VP



| | | |
|--|---------------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -17.1B |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: J.M.B. / D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

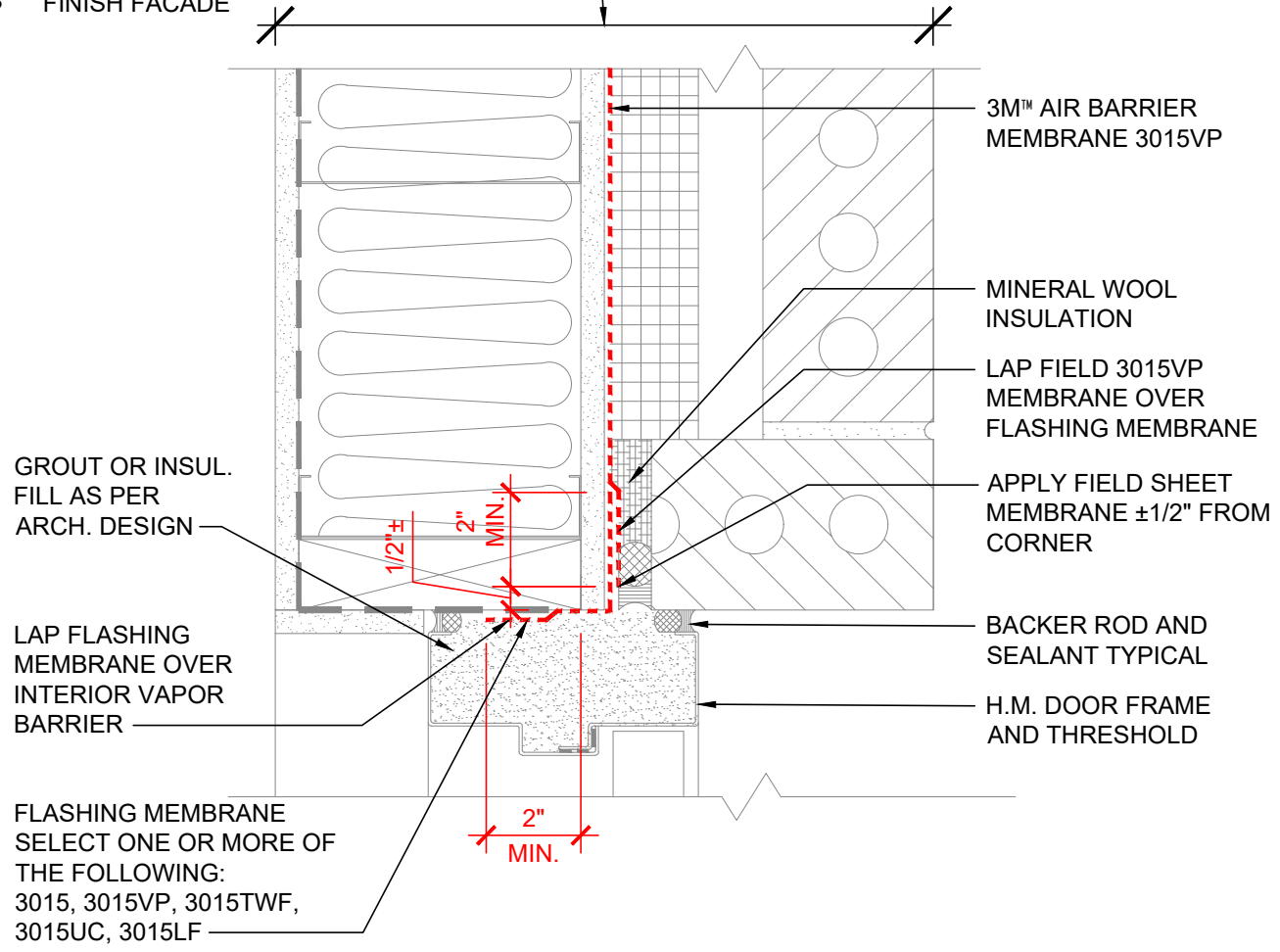
3M™ Air Barrier Membrane 3015VP



| | | |
|--|------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -18.0A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

- WALL DESIGN BY OTHERS CONSIST OF:
- INTERIOR SHEATHING
 - VAPOR BARRIER (AS NEEDED BASED ON DESIGN AND GEOGRAPHIC LOCATION)
 - STEEL/WOOD STUD
 - BATT INSULATION
 - EXTERIOR SHEATHING
 - 3M™ AIR BARRIER 3015VP
 - CONTINUOUS INSULATION
 - AIR SPACE
 - FINISH FACADE



PLAN VIEW

NOTES:

1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. CONNECTION OF AIR AND VAPOR BARRIER TO WINDOW OR DOOR SYSTEM TO BE CONFIRMED WITH WINDOW OR DOOR MANUFACTURER.
3. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
4. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

3M™ Air Barrier Membrane 3015VP



| | | |
|--|------------------|------------------|
| PROJECT NAME: | DATE: | DETAIL No: |
| SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540 | 09/03/19 | 3015VP -18.1A |
| TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND) | SCALE: N.T.S. | |
| | DRAWN BY: D.N.C. | |

THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.