



3M™ Air Barrier Membranes and Flashing Solutions

# Architectural Detail Guide

April 2025



**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

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## CMU Wall

Wall Base	5
Parapet	8
Shelf Angle	9
Window	13
Aluminum Door	20
Control Joint	26
Exterior Corner	27
Interior Corner	28
Concrete Column Connection	29
Through Wall Penetration	30
Cavity Wall Tie	31
Hollow Metal Door	32

## Steel/Wood Stud Wall

Wall Base	38
Parapet With Deflection Joint	41
Shelf Angle	42
Window	44
Aluminum Door	50
Expansion Joint	57
Control Joint	58
Exterior Corner	59
Interior Corner	60
Steel Column Connection	61
Concrete Column Connection	62
Through Wall Penetration	63
Cavity Wall Tie	64
Hollow Metal Door	65

# 3015VP Architectural Details

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## Brick Veneer

Wall Base	72
Parapet With Deflection Joint	76
Shelf Angle	77
Window	80
Aluminum Door	87
Joint / Penetrations	93
Exterior Corner	96
Interior Corner	98
Hollow Metal Door	106

## Stucco

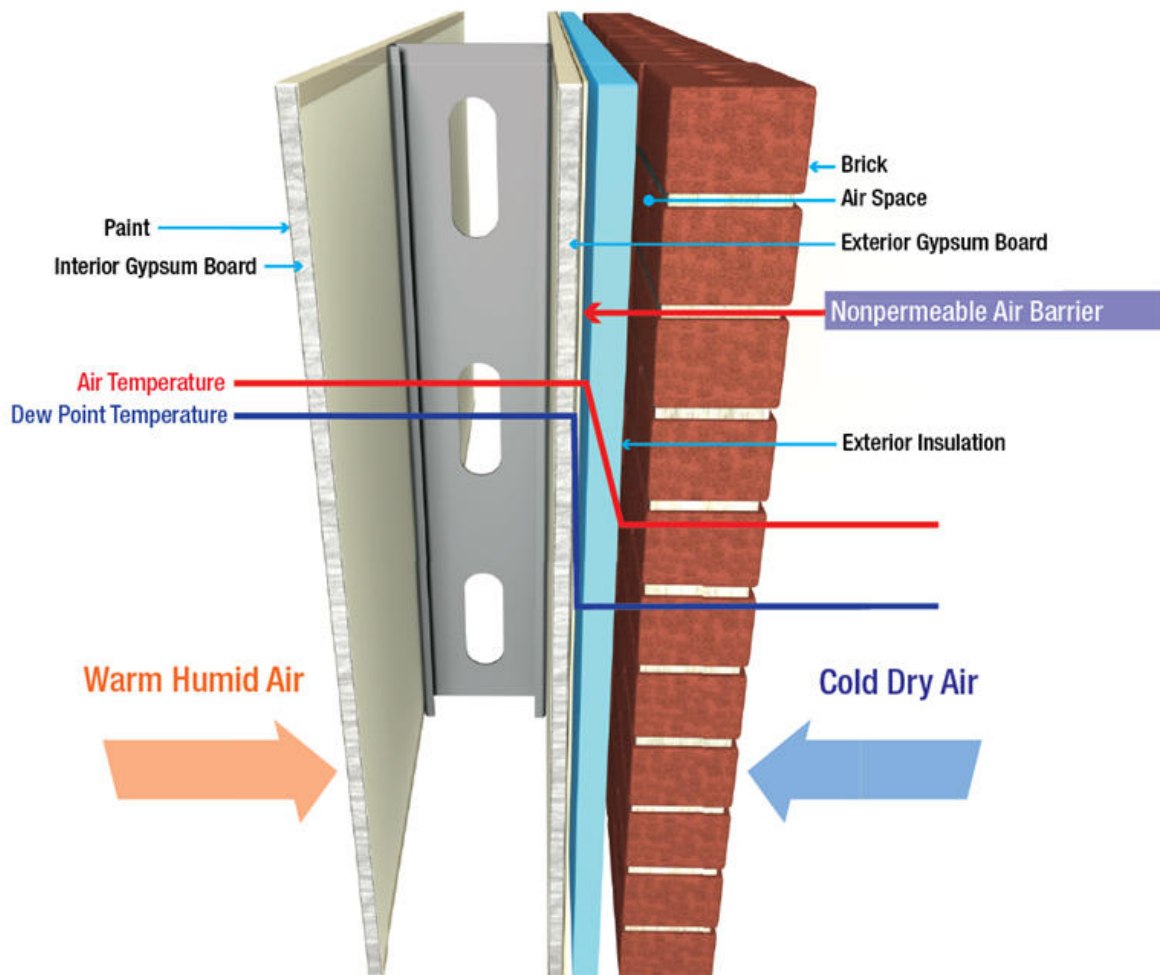
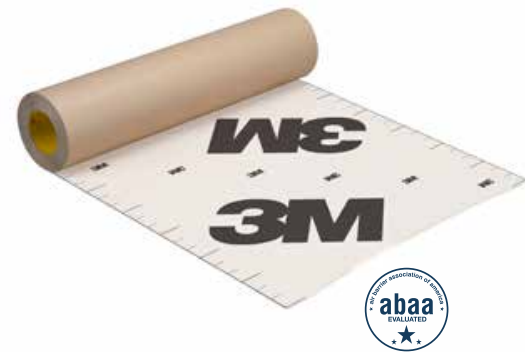
Wall Base	73
Parapet	77
Exterior Corner	97
Interior Corner	99
Through Wall Penetration	103



# 3M™ Air and Vapor Barrier 3015NP

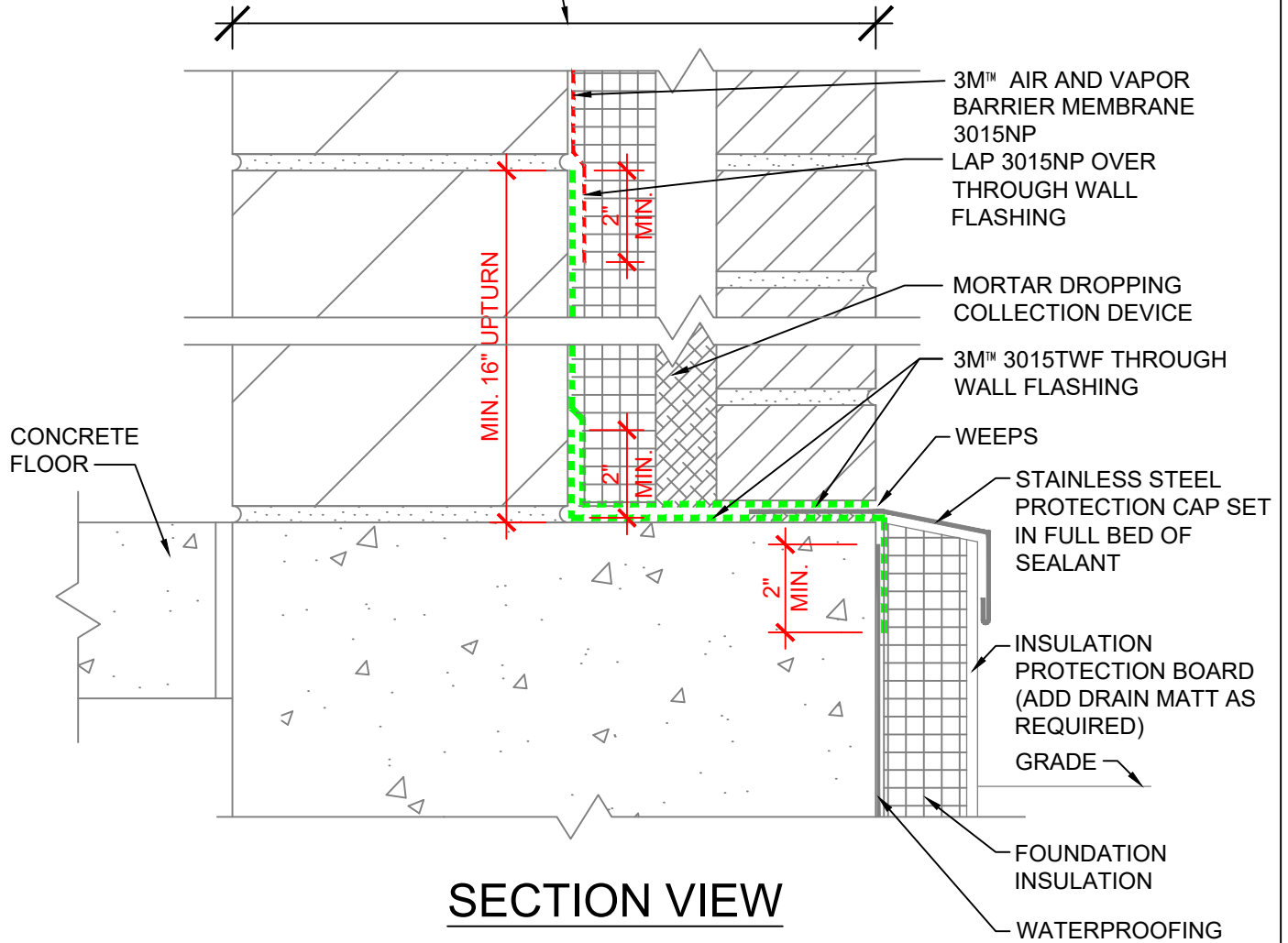
## Non-permeable Self-adhered Membrane

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**



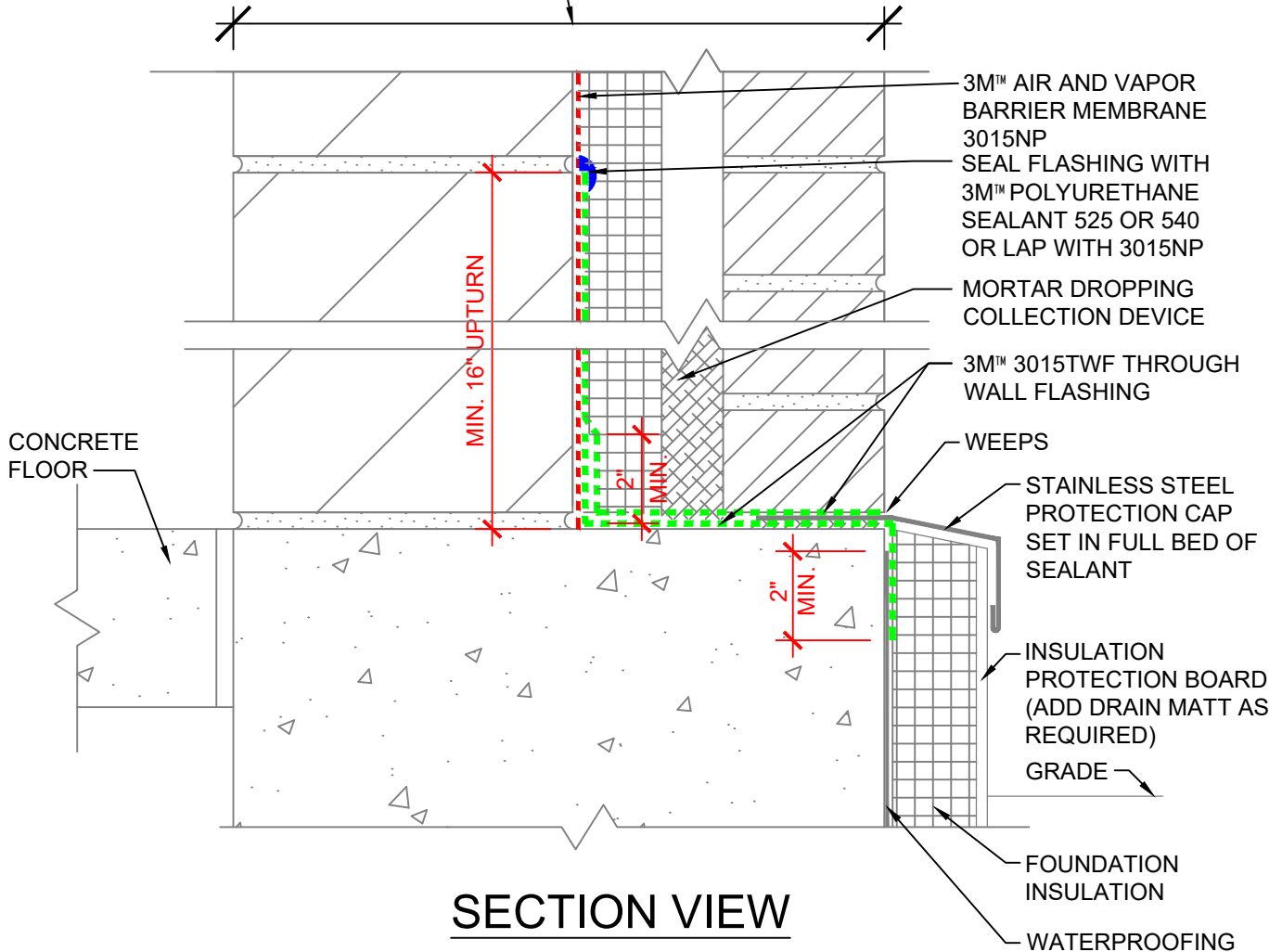
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP AND 3015TWF	03/12/21	3015NP-1.0C
TITLE: BRICK VENEER / CMU WALL BASE (IN SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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:

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



**NOTES:**

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

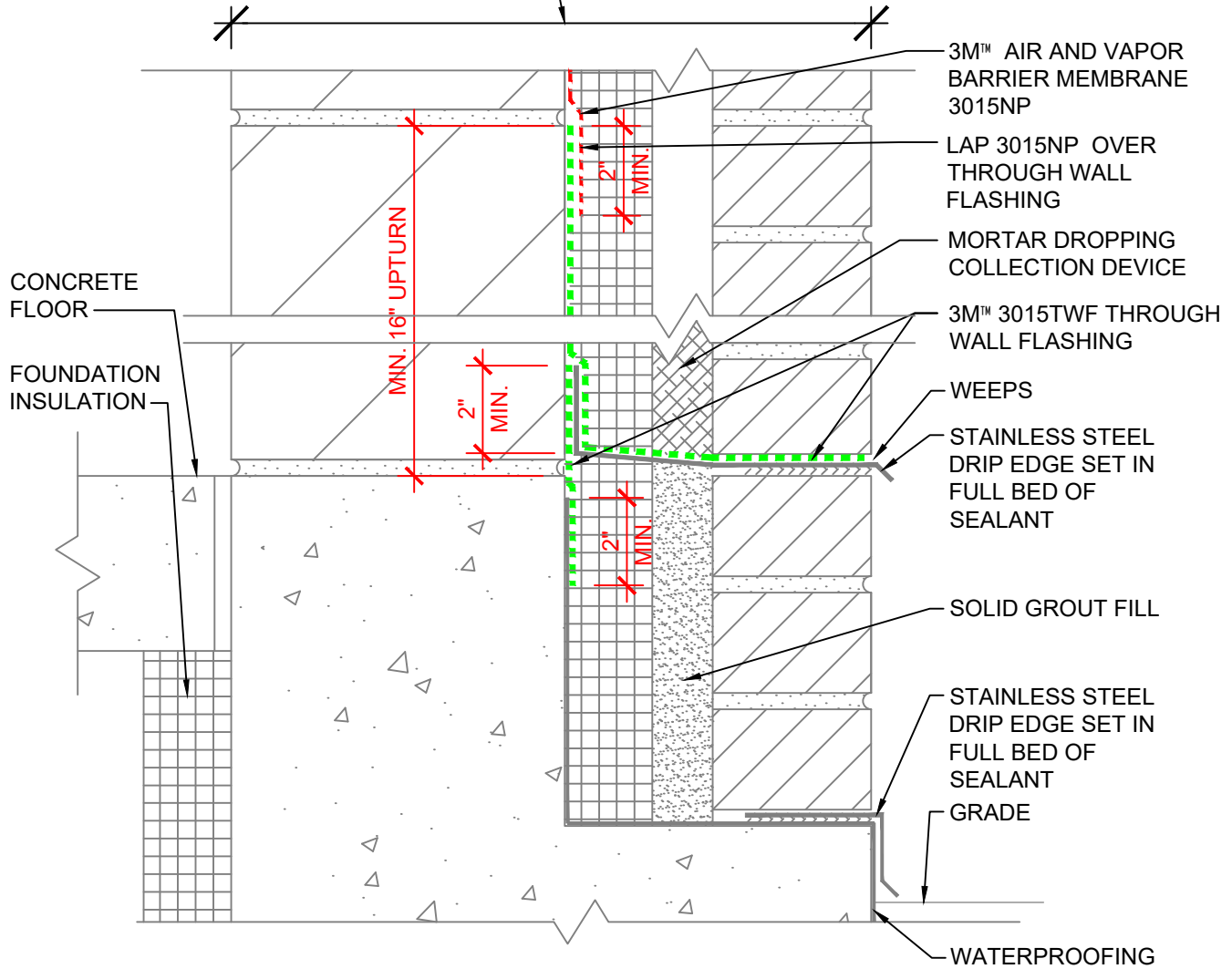


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF, AND 525/540	03/12/21	3015NP-1.1C
TITLE: BRICK VENEER / CMU WALL BASE (OUT OF SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F	

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WALL DESIGN BY OTHERS CONSIST OF:

- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 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.

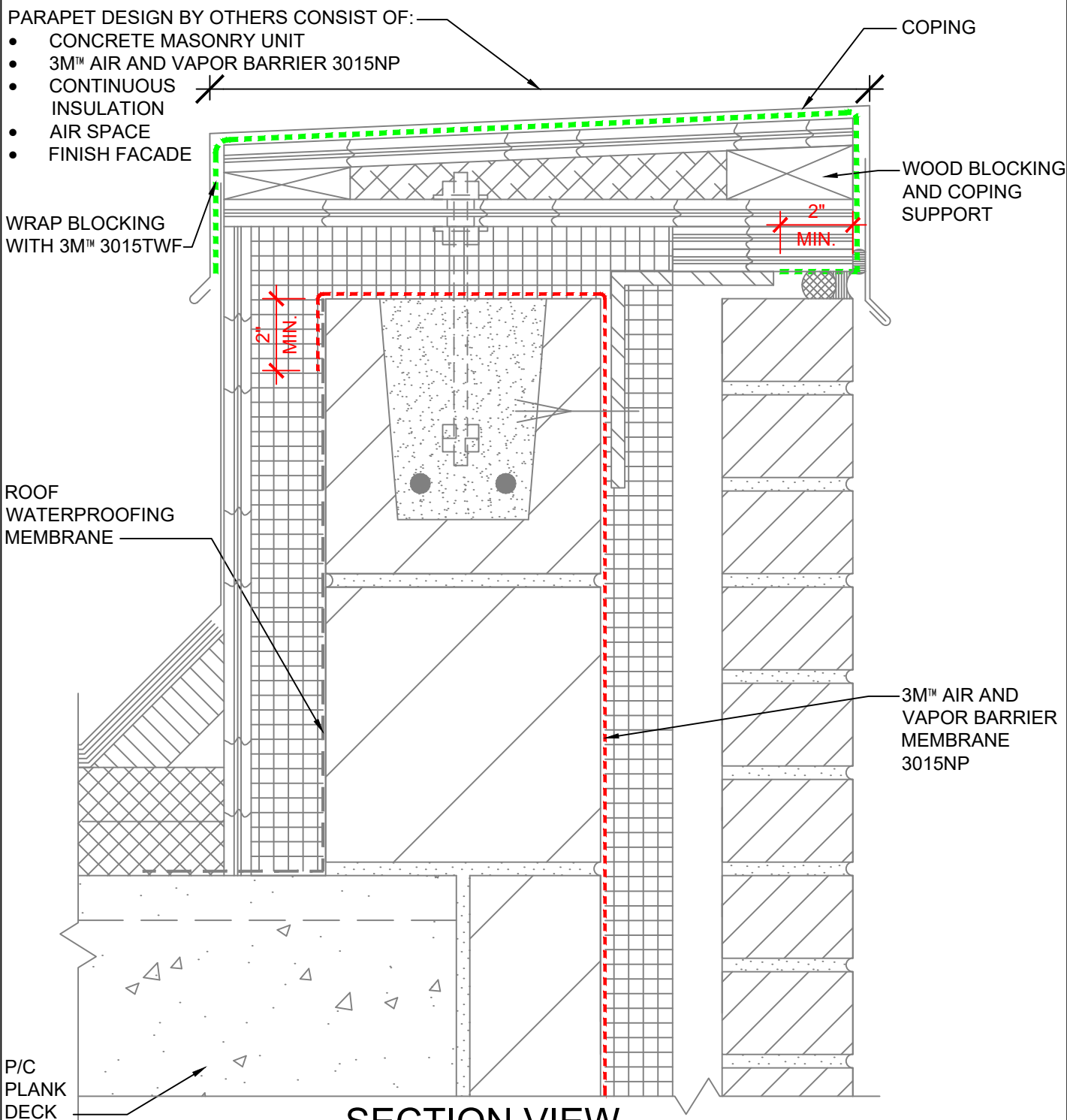
## 3M™ Air and Vapor Barrier Membrane 3015NP



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.	

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.





## 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 AND 3015TWF	03/12/21	3015NP-2.0C
TITLE: BRICK VENEER / CMU WALL PARAPET	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 OR 540 OR  
LAP WITH 3015NP

CONC. TOPPING

P/C PLANK FLOOR

CAP ANCHOR IN  
3M™ POLYURETHANE  
SEALANT 525 OR 540

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 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. 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-3.0C
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.	

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 OR 540 OR  
LAP WITH 3015NP

CAST IN PLACE  
CONC. SLAB

CAP ANCHOR IN  
3M™ POLYURETHANE  
SEALANT 525 OR 540

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

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 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. 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.	

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 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

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

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-3.1D
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.	

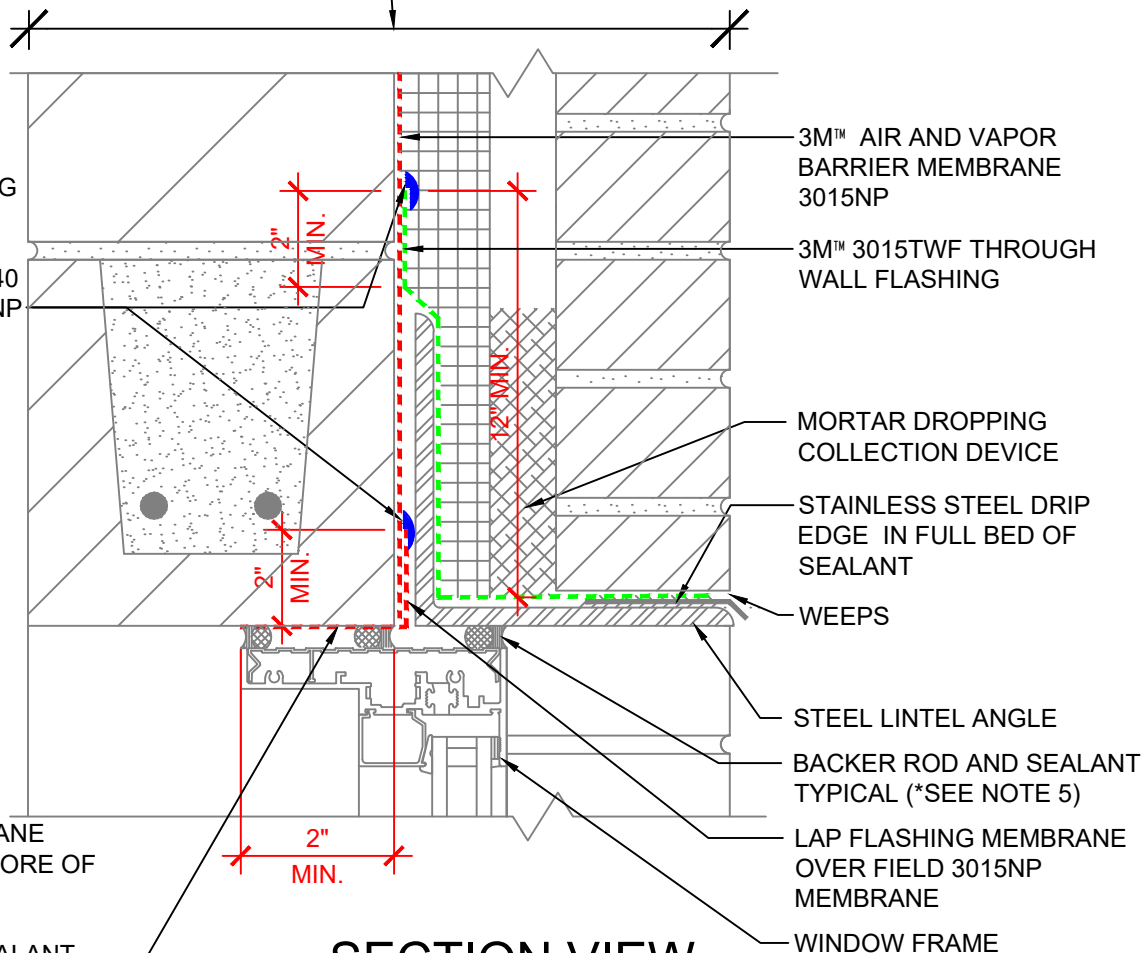
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WALL DESIGN BY OTHERS CONSIST OF:

- 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:  
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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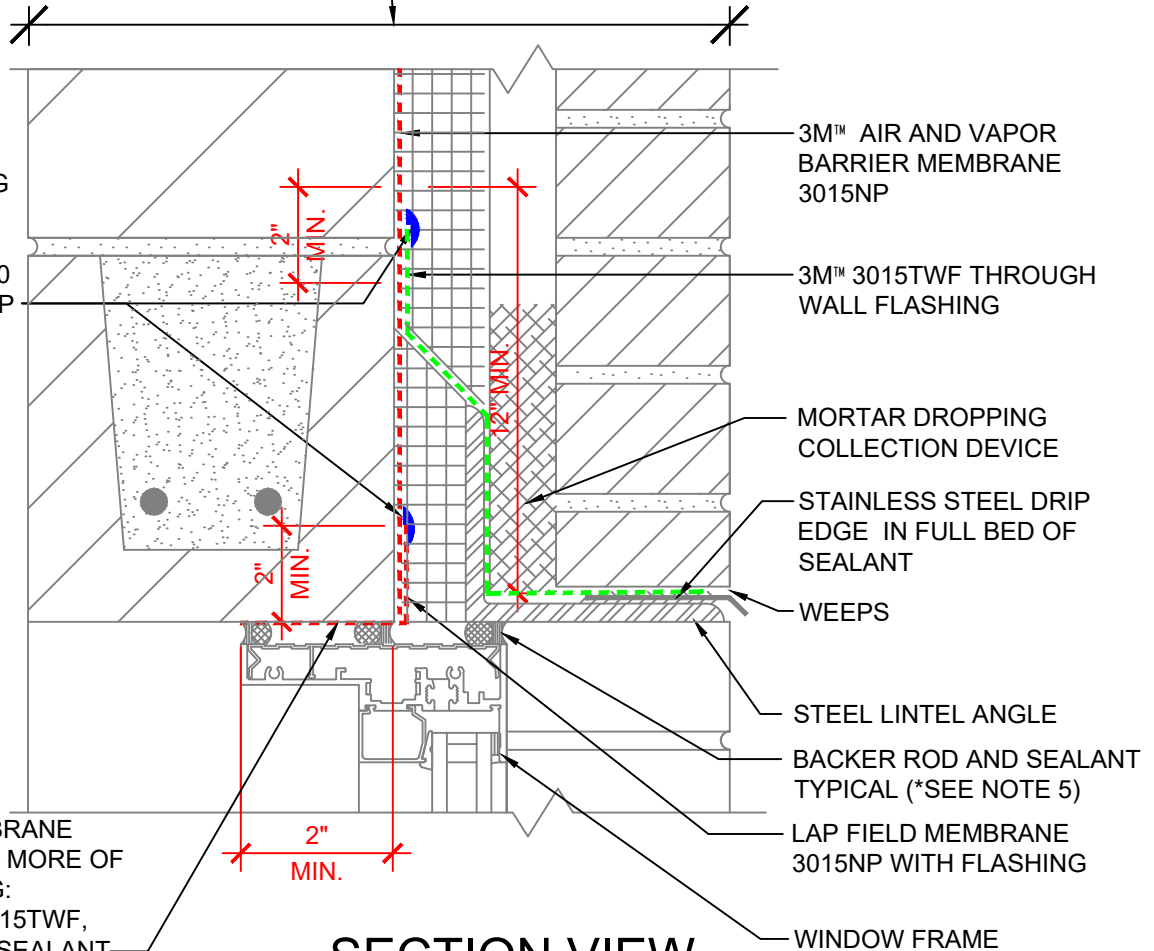


WALL DESIGN BY OTHERS CONSIST OF:

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- 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".
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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-4.0D
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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  - 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:

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

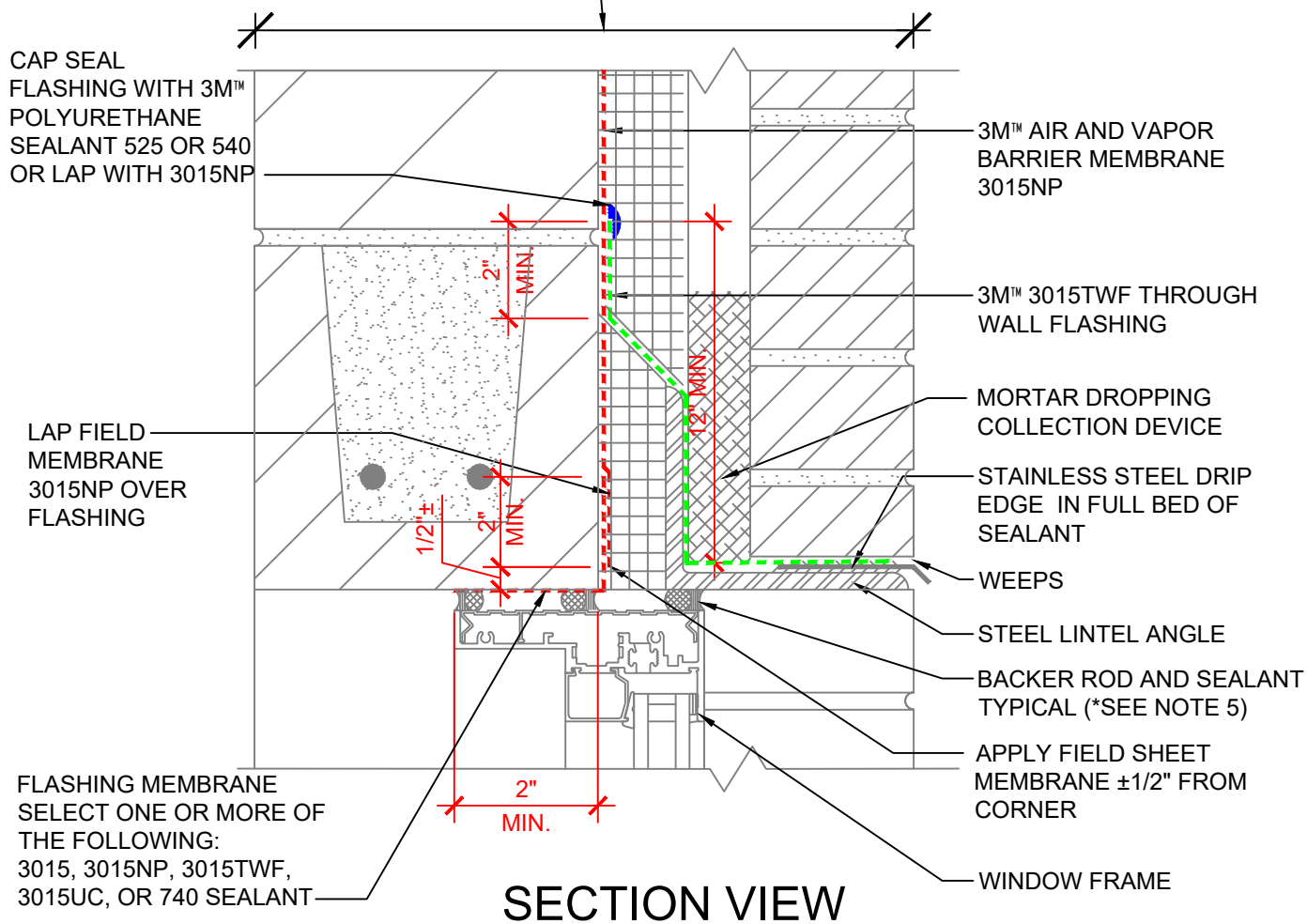
### 3M™ Air and Vapor Barrier Membrane 3015NP



PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-4.1C
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

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.
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## 3M™ Air and Vapor Barrier Membrane 3015NP

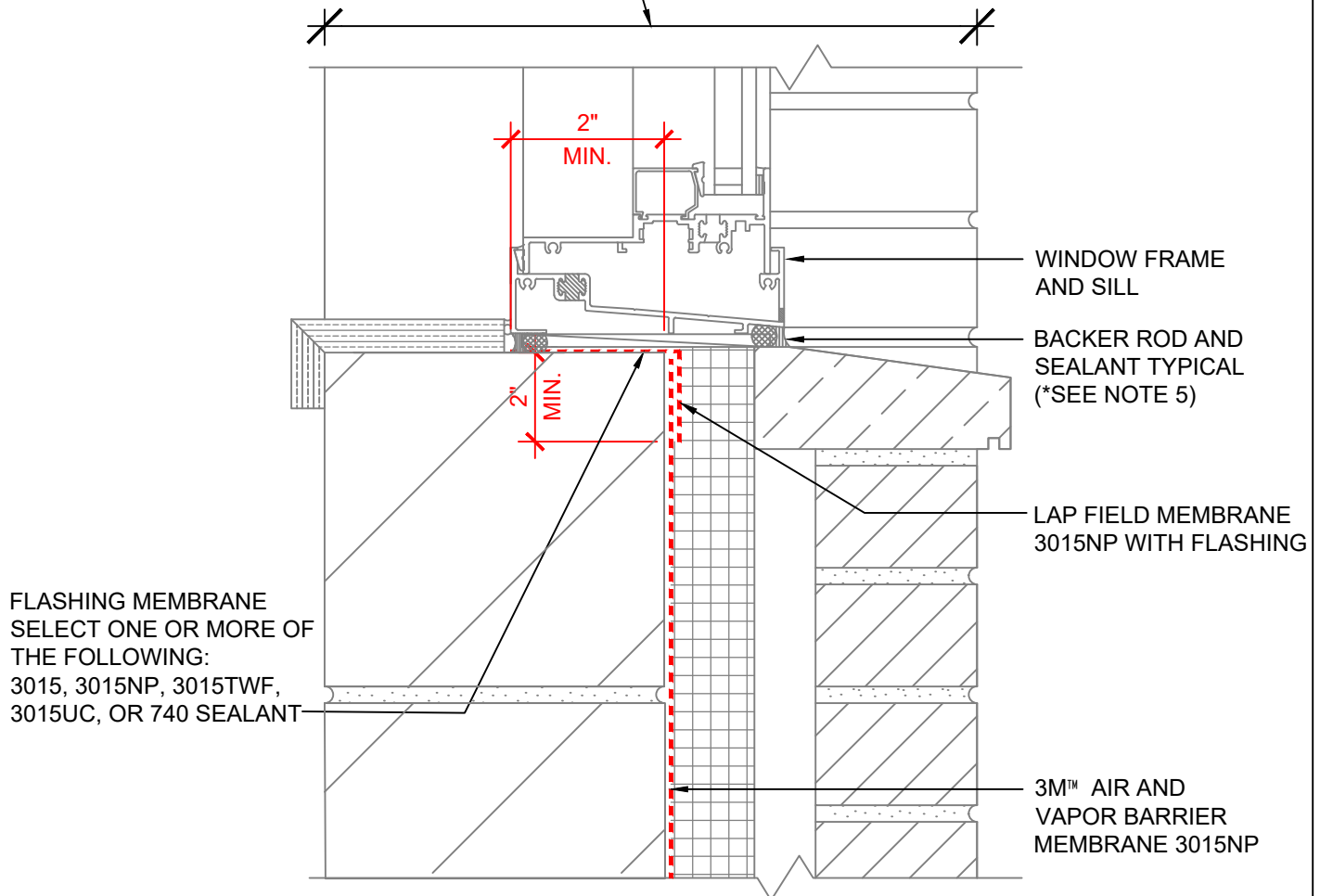


PROJECT NAME:	DATE:	DETAIL No:  3015NP-4.1D
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT	03/12/21	
TITLE: BRICK VENEER / CMU WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE:  N.T.S.	
	DRAWN BY:  B.L.F.	

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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. 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

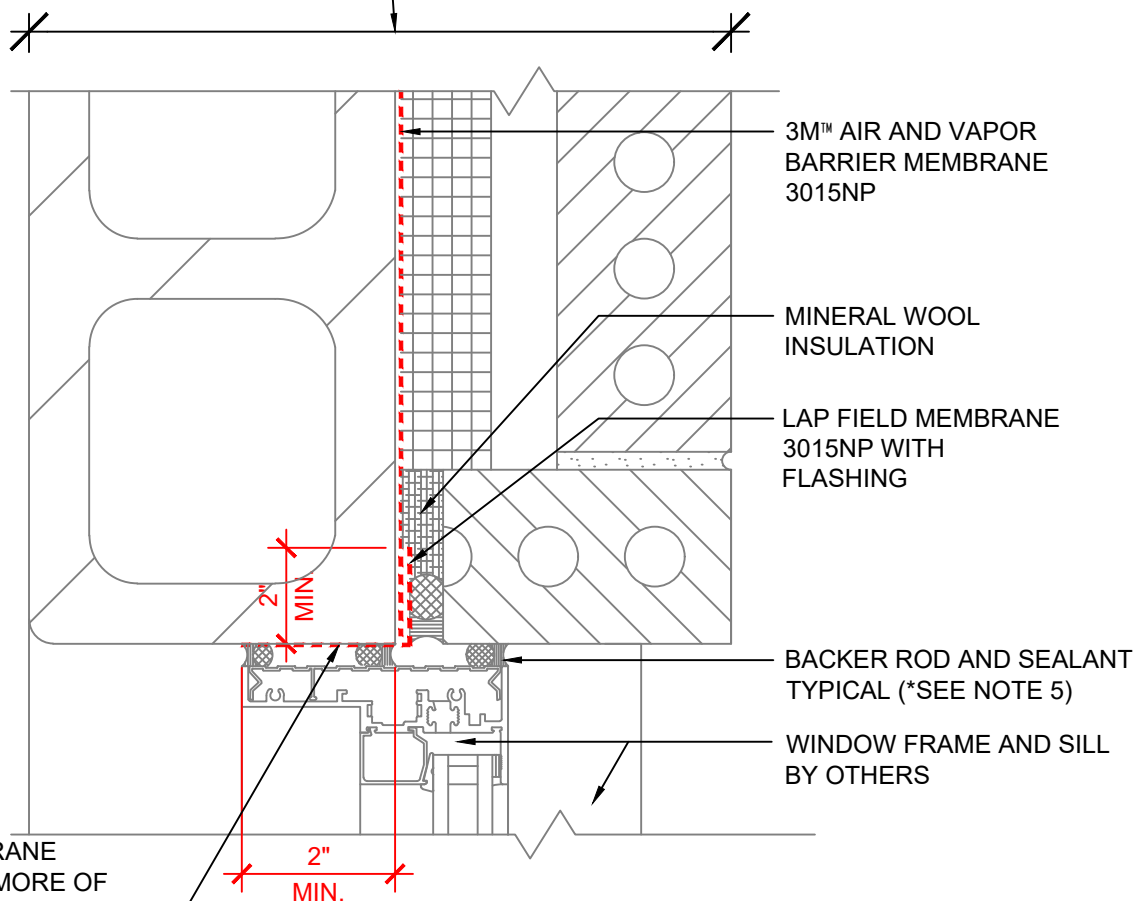


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP	03/12/21	3015NP-5.0C
WITH 3015, 3015TWF, 3015UC OR 740 SEALANT	SCALE:	
TITLE: BRICK VENEER / CMU WALL WINDOW SILL	DRAWN BY:	
	B.L.F	

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

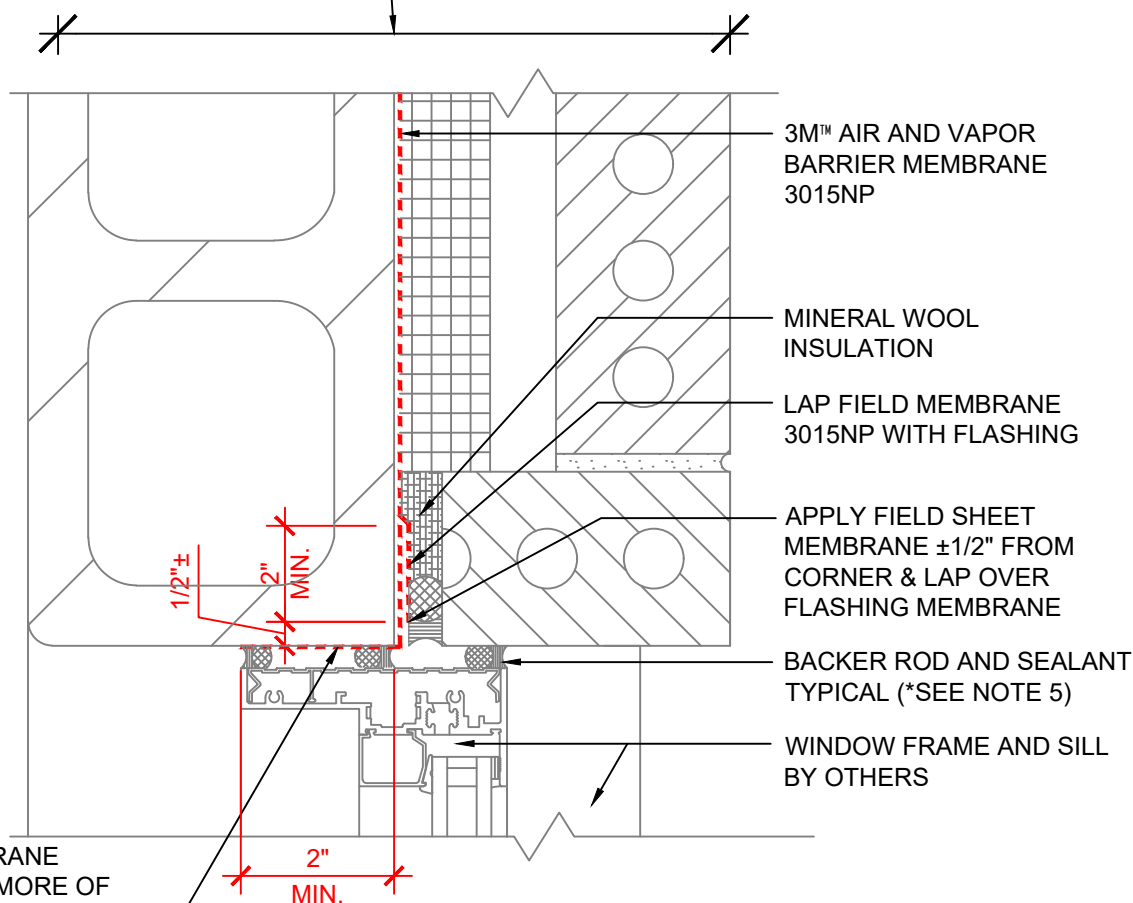


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP	03/12/21	3015NP-6.0C
WITH 3015, 3015TWF, 3015UC OR 740 SEALANT	SCALE:	
TITLE: BRICK VENEER / CMU WALL WINDOW JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	DRAWN BY:	
	B.L.F.	

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	03/12/21	3015NP-6.1C
WITH 3015, 3015TWF, 3015UC OR 740 SEALANT	SCALE:	
TITLE: BRICK VENEER / CMU WALL WINDOW JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	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.

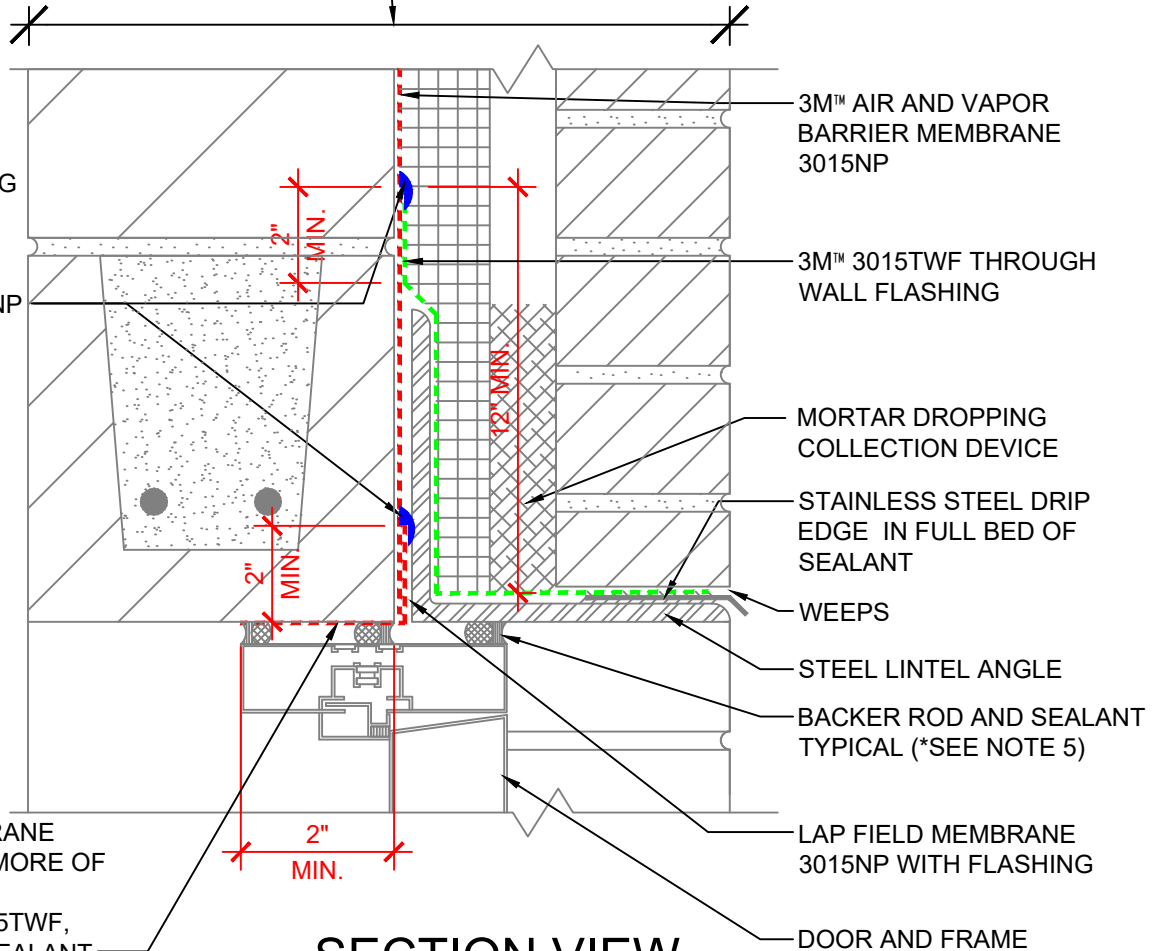


WALL DESIGN BY OTHERS CONSIST OF:

- 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

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 FIELD MEMBRANE  
3015NP WITH FLASHING

DOOR AND FRAME

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-7.0D
TITLE: BRICK VENEER / CMU WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL.	SCALE:	
(IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	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 OR 540  
OR LAP WITH 3015NP

LAP FIELD 3015NP  
MEMBRANE OVER  
FLASHING  
MEMBRANE

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

DOOR AND 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.
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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

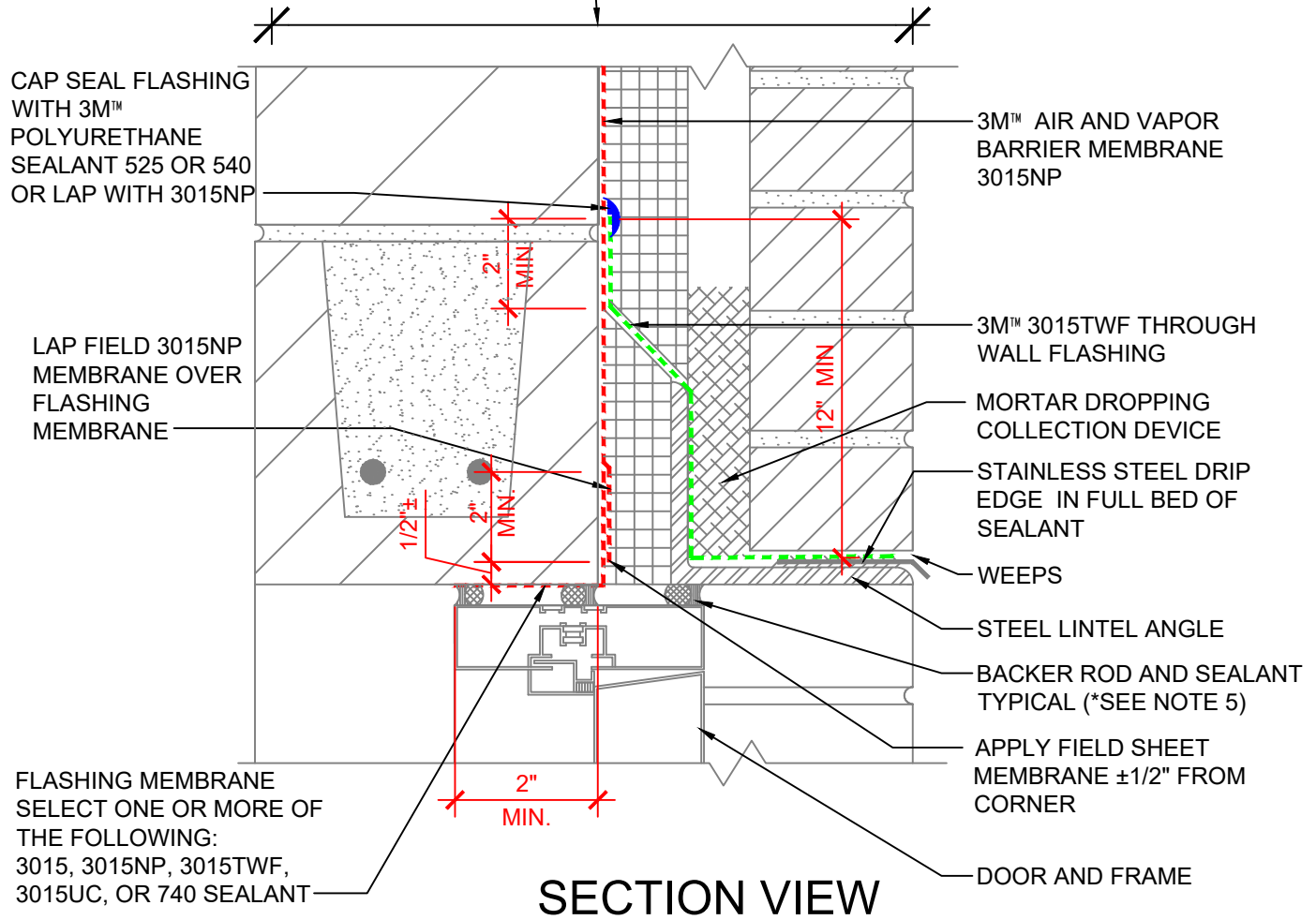


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-7.1C
TITLE: BRICK VENEER / CMU WALL ALUM. DOOR HEAD W/ ANGLE BEHIND INSUL.	SCALE:	
(OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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.
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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

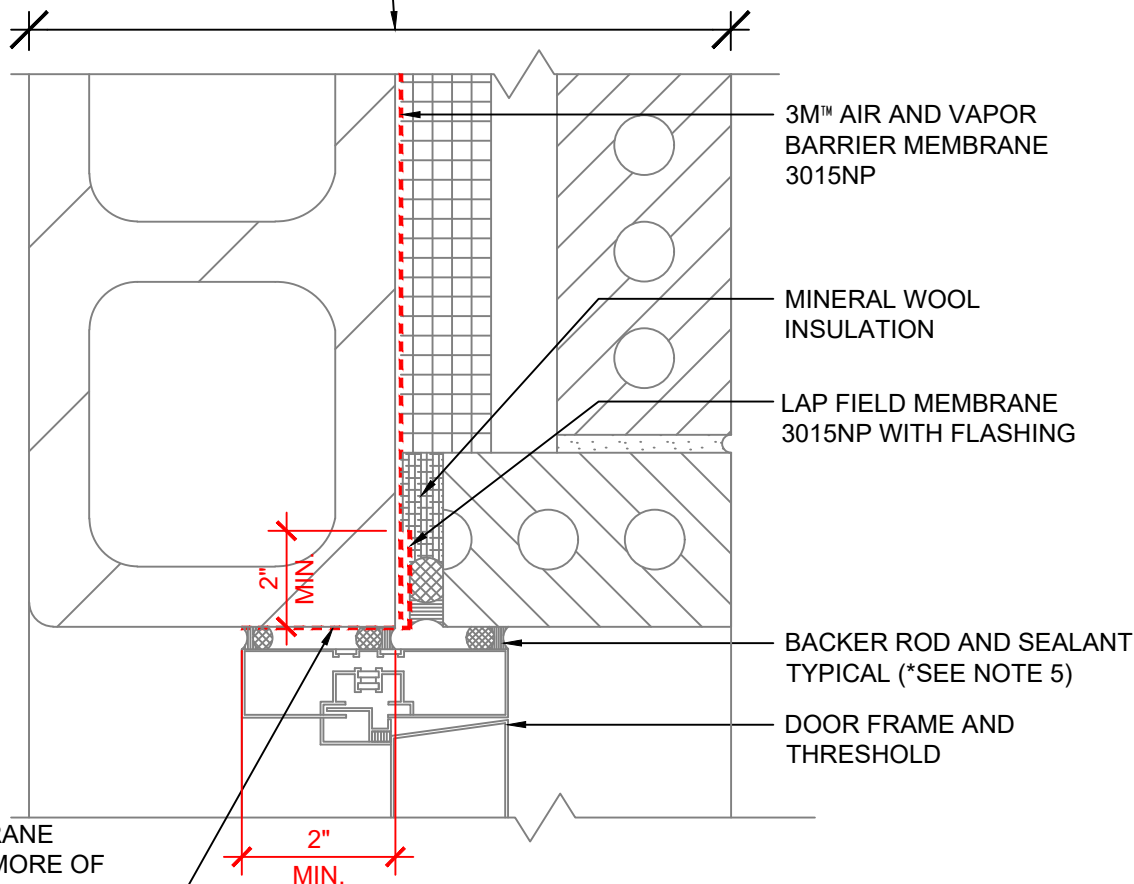


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-7.1D
TITLE: BRICK VENEER / CMU WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL.	SCALE:	
(OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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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



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.
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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.

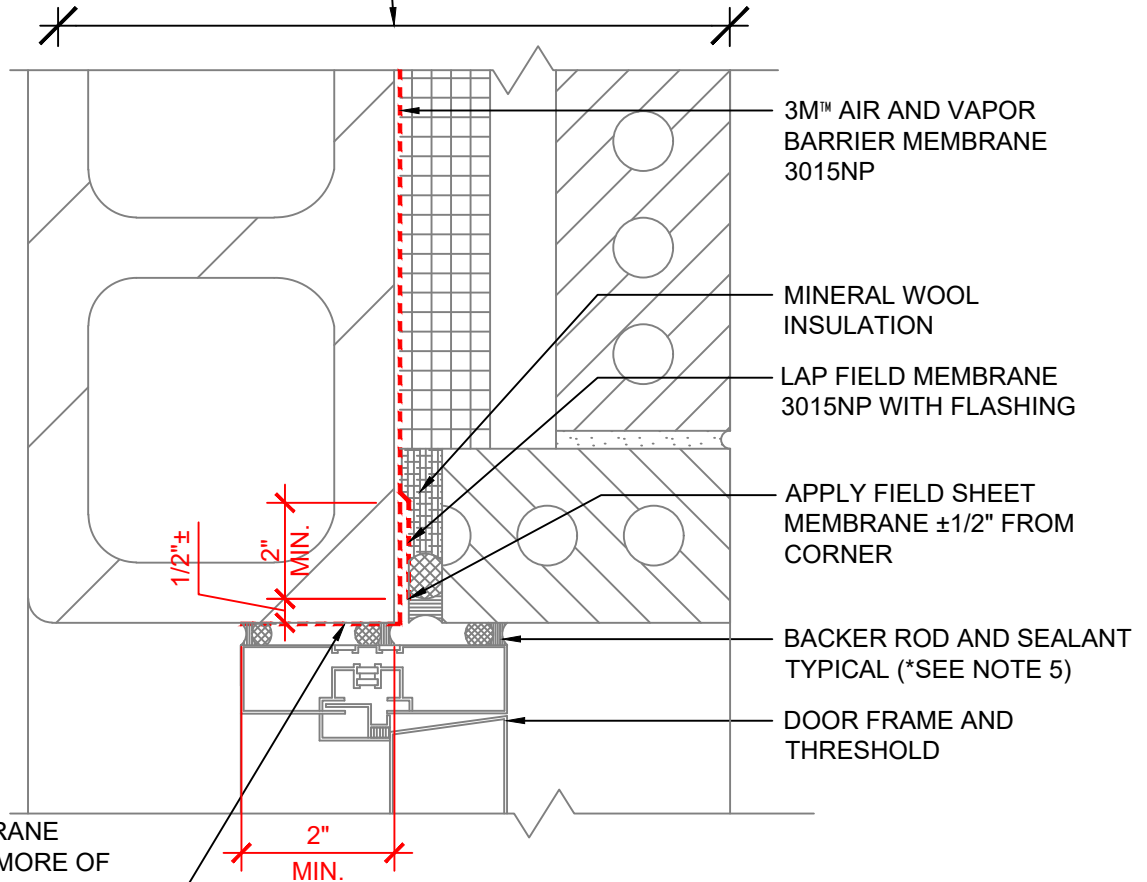
## 3M™ Air and Vapor Barrier Membrane 3015NP



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



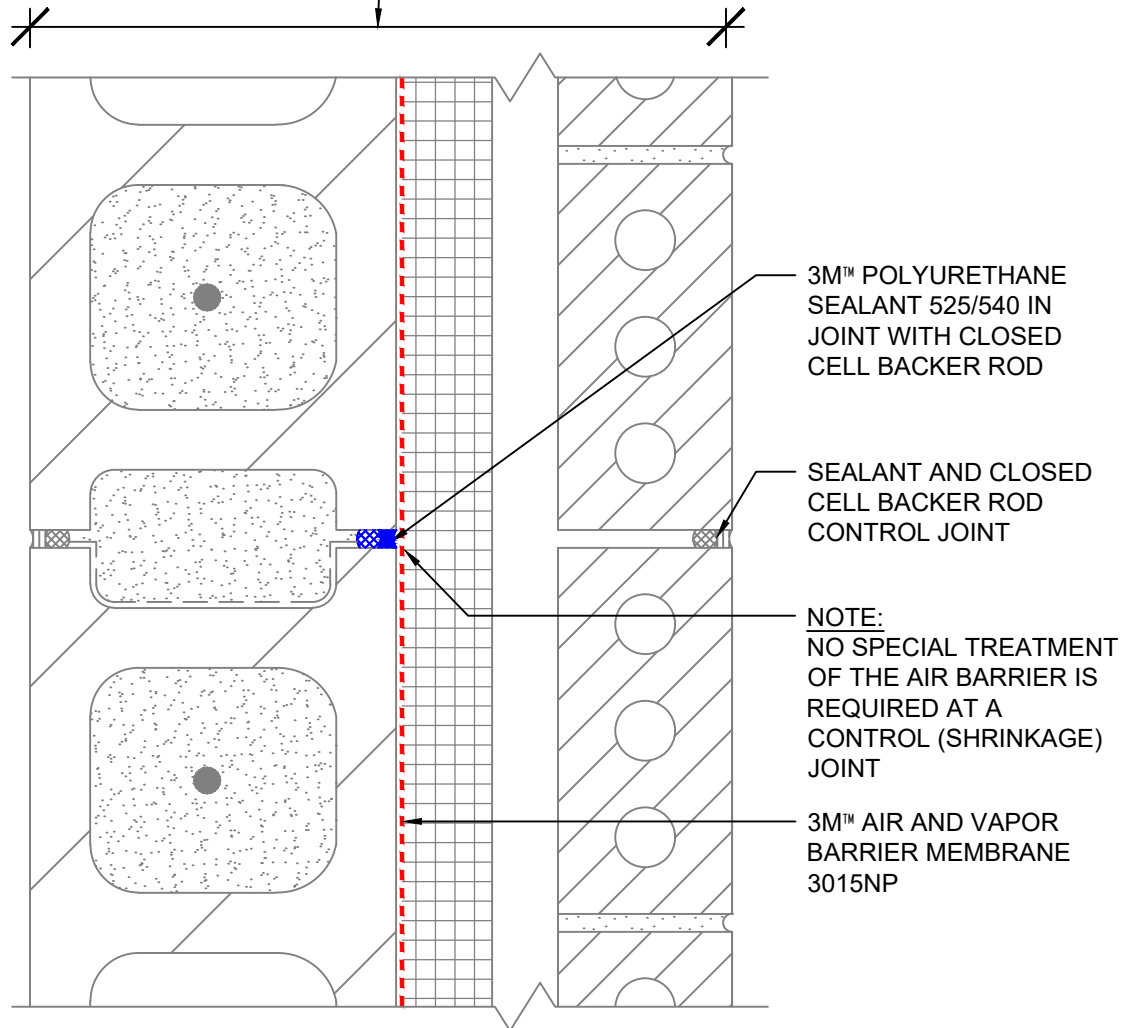
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540 WITH 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-8.1C
TITLE: BRICK VENEER / CMU WALL ALUM.	SCALE:	
DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	DRAWN BY:	
	N.T.S.	
	B.L.F	

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

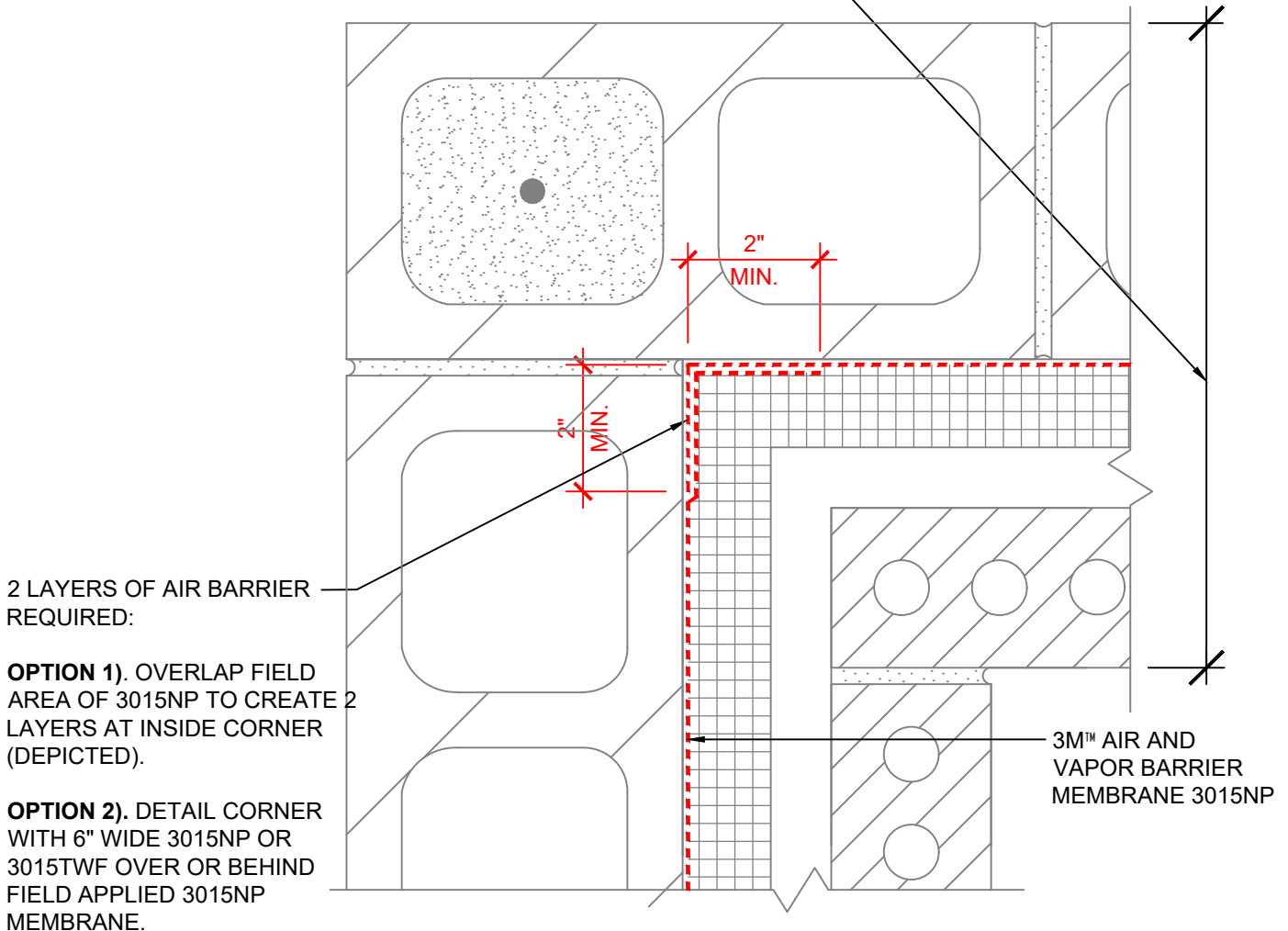


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP WITH OPTIONAL 3015TWF	03/12/21	3015NP-11.0C
TITLE: BRICK VENEER / CMU WALL EXTERIOR CORNER	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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:

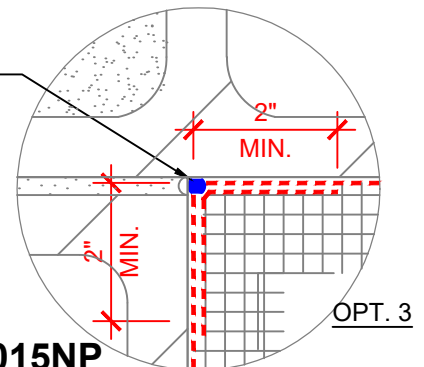
- CONCRETE MASONRY UNIT
- 3M™ AIR AND VAPOR BARRIER 3015NP
- CONTINUOUS INSULATION
- AIR SPACE
- FINISH FACADE



**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



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.	

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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

MASONRY ANCHOR

CONCRETE COLUMN

STATIC CONDITION

DYNAMIC CONDITION

NOTE:  
NO SPECIAL  
TREATMENT OF THE  
AIR BARRIER IS  
REQUIRED AT A  
STATIC CONDITION

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

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 CONCRETE COLUMN EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

## 3M™ Air and Vapor Barrier Membrane 3015NP

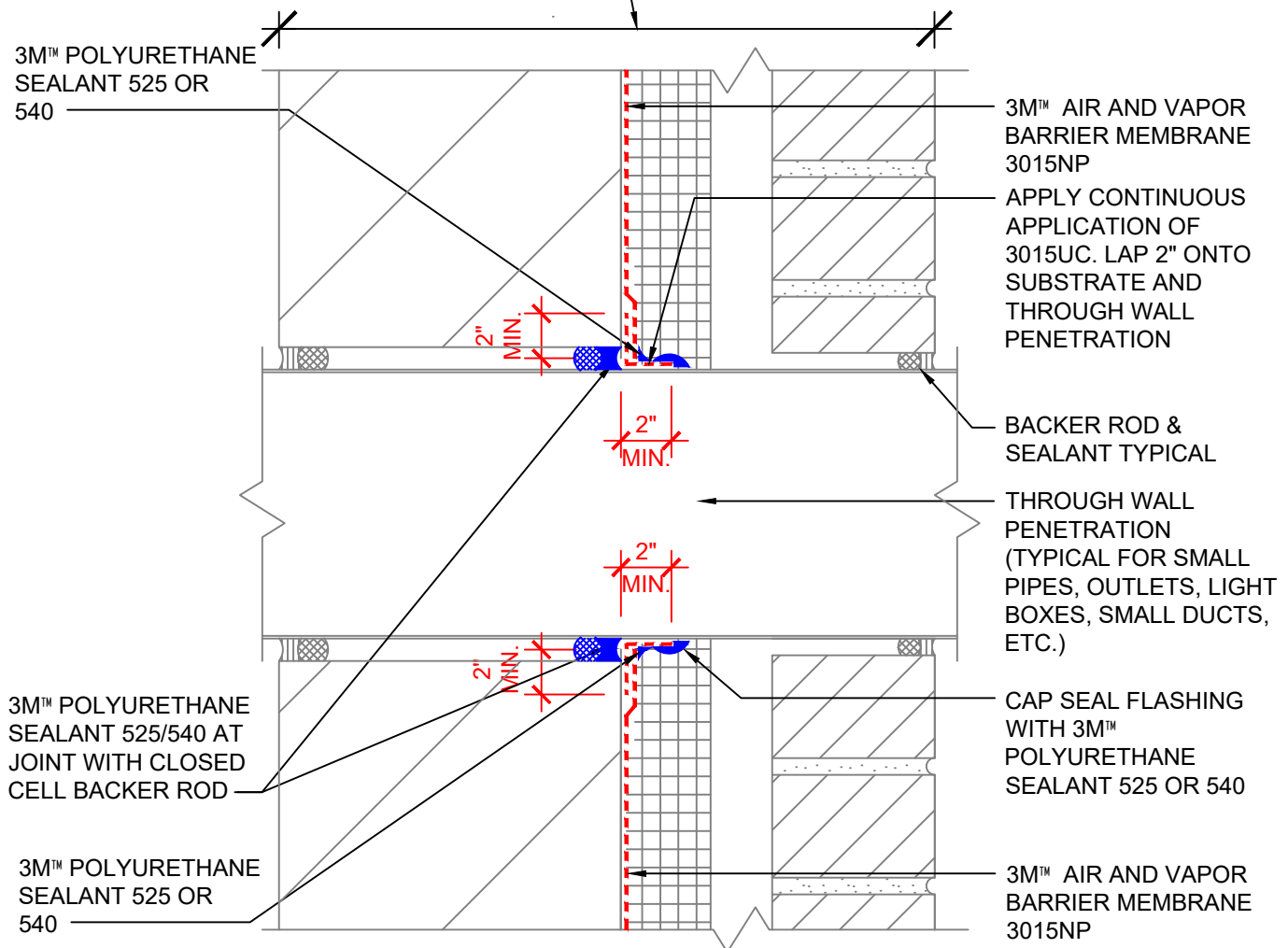


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP AND 525/540 WITH OPTIONAL 3015TWF	03/12/21	3015NP-14.0C
TITLE: BRICK VENEER / CMU WALL CONCRETE COLUMN CONNECTION	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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

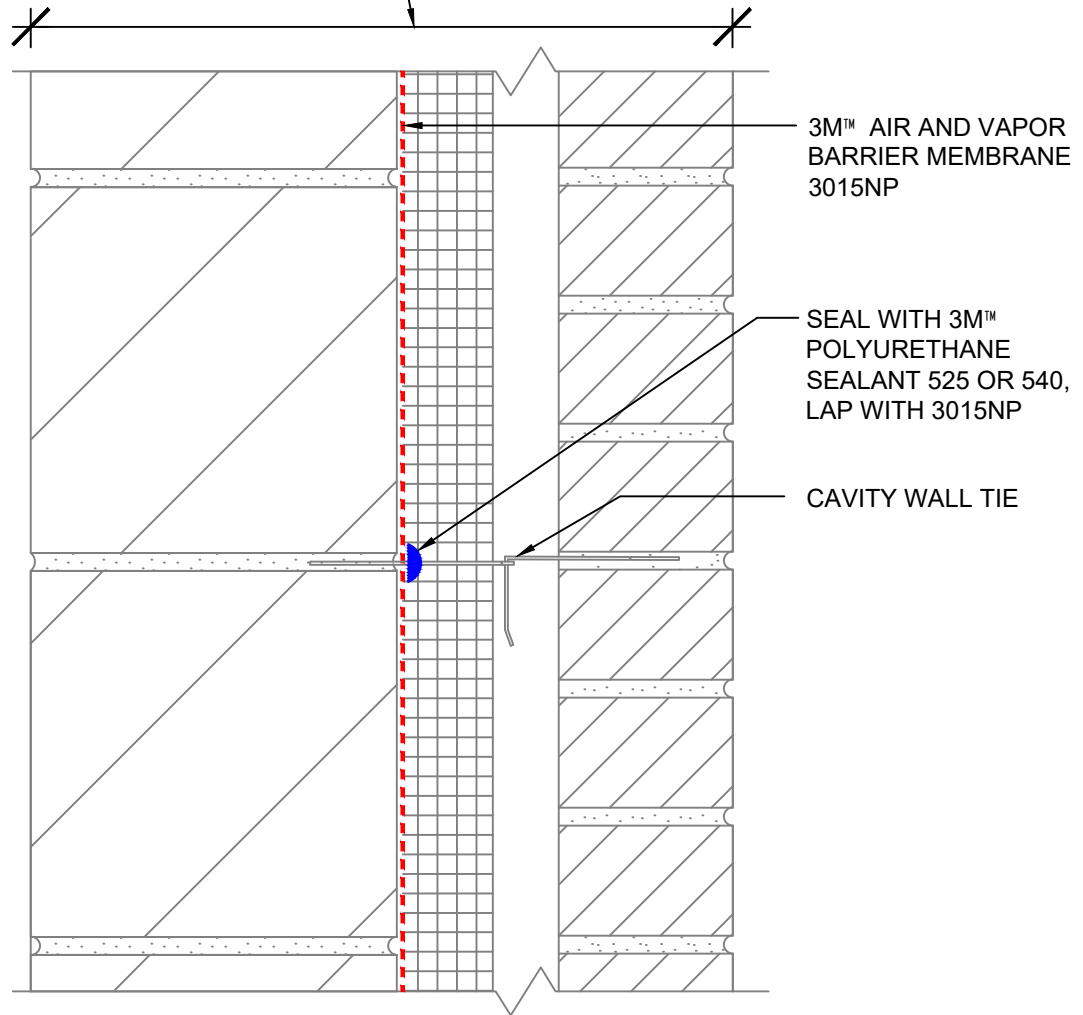


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015UC, 525/540	03/12/21	3015NP-15.0C
TITLE: BRICK VENEER / CMU WALL THROUGH WALL PIPE OR DUCT PENETRATION	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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



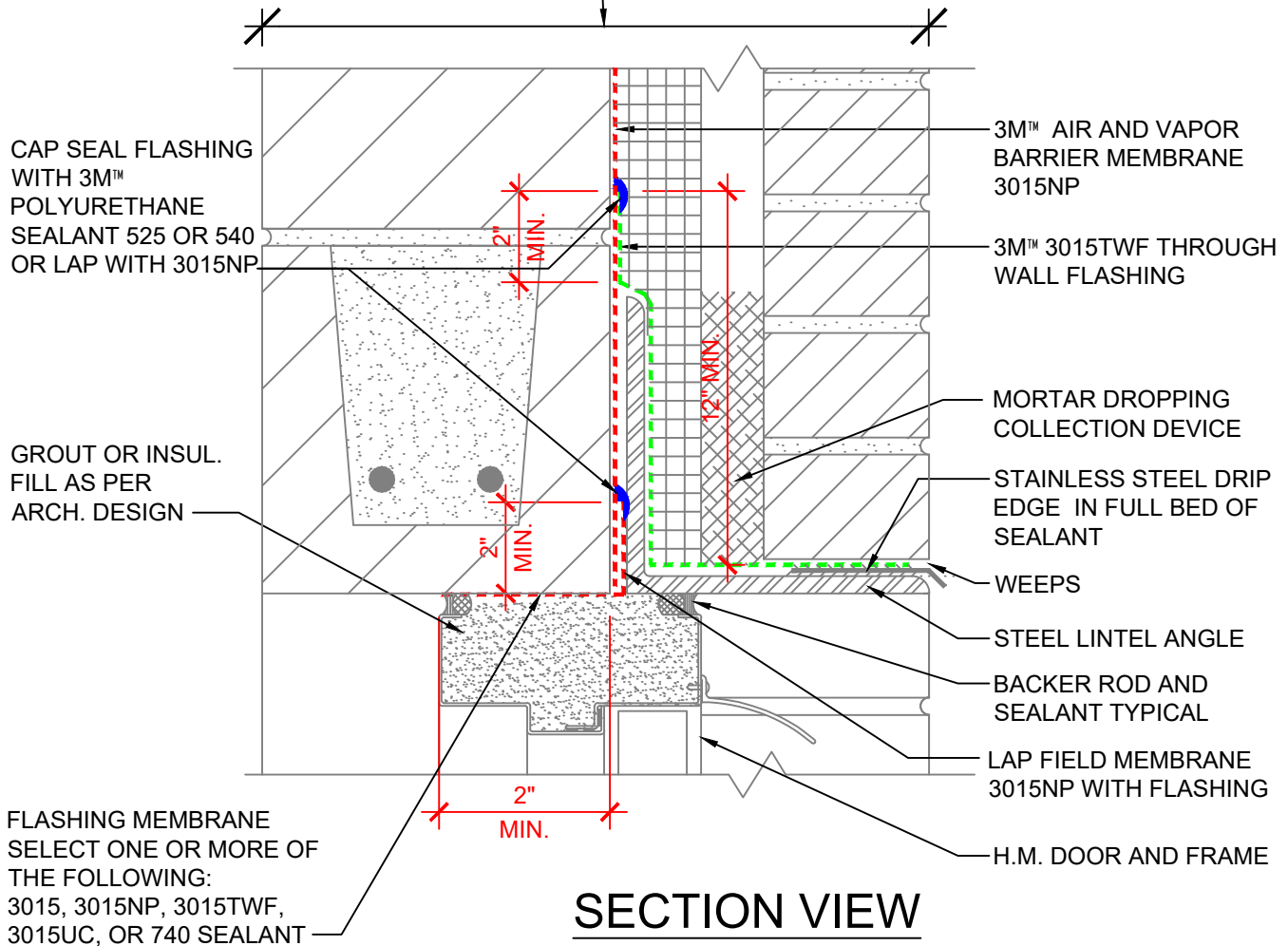
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP AND 525/540	03/12/21	3015NP-16.0C
TITLE: BRICK VENEER / CMU WALL CAVITY WALL TIE	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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



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-17.0C
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

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

GROUT OR INSUL.  
FILL AS PER  
ARCH. DESIGN

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

LAP FIELD MEMBRANE  
3015NP WITH FLASHING

H.M. DOOR AND 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. 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-17.0D
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

CAP SEAL

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

GROUT OR INSUL.  
FILL AS PER  
ARCH. DESIGN

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

LAP FIELD MEMBRANE  
3015NP OVER FLASHING

H.M. DOOR AND 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. 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-17.1C
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

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

GROUT OR INSUL.  
FILL AS PER  
ARCH. DESIGN

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

LAP FIELD MEMBRANE  
3015NP OVER FLASHING

H.M. DOOR AND 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. 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.

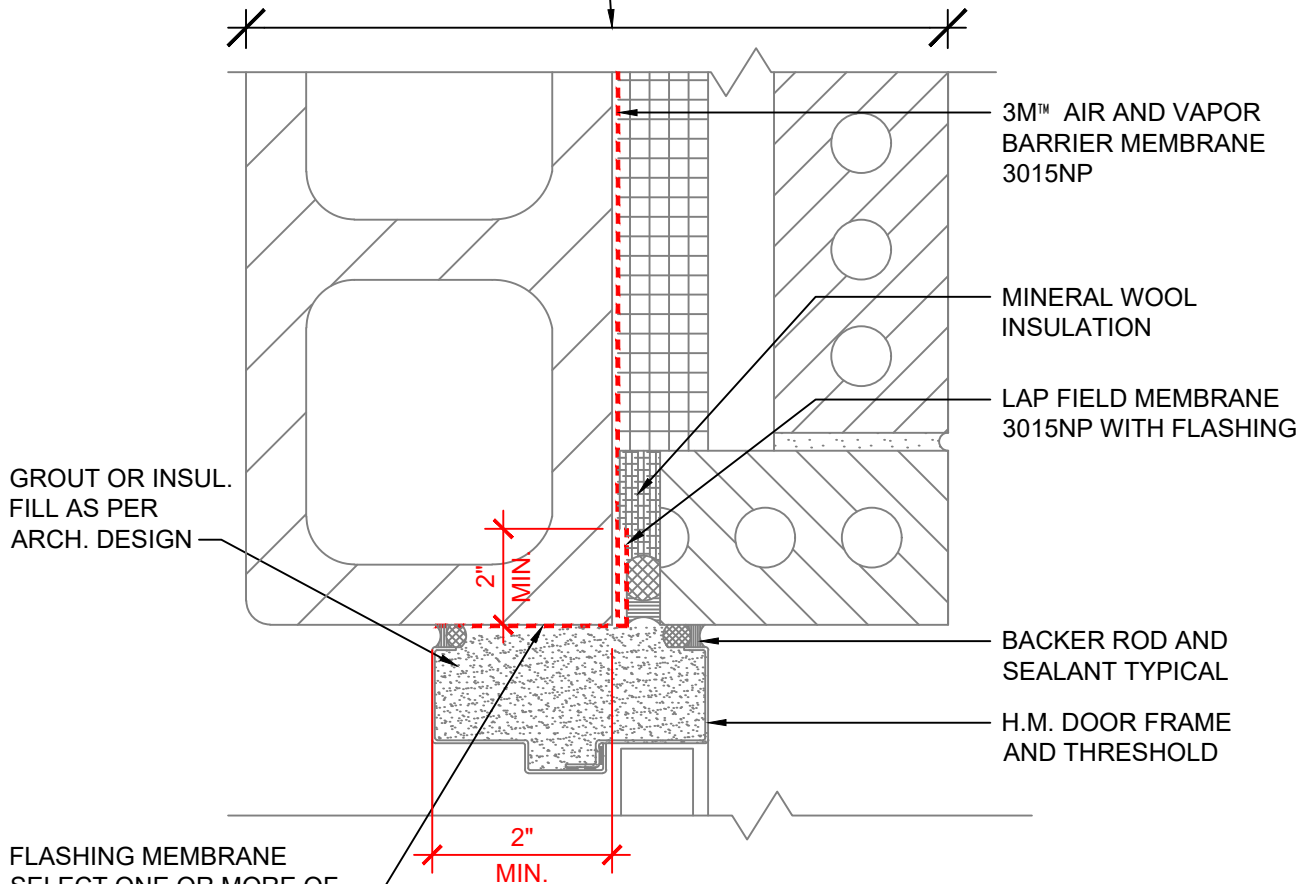
## 3M™ Air and Vapor Barrier Membrane 3015NP



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.	SCALE:	
(OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	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. REFER TO 3M WEBSITE FOR COMPATIBLE SEALANTS.

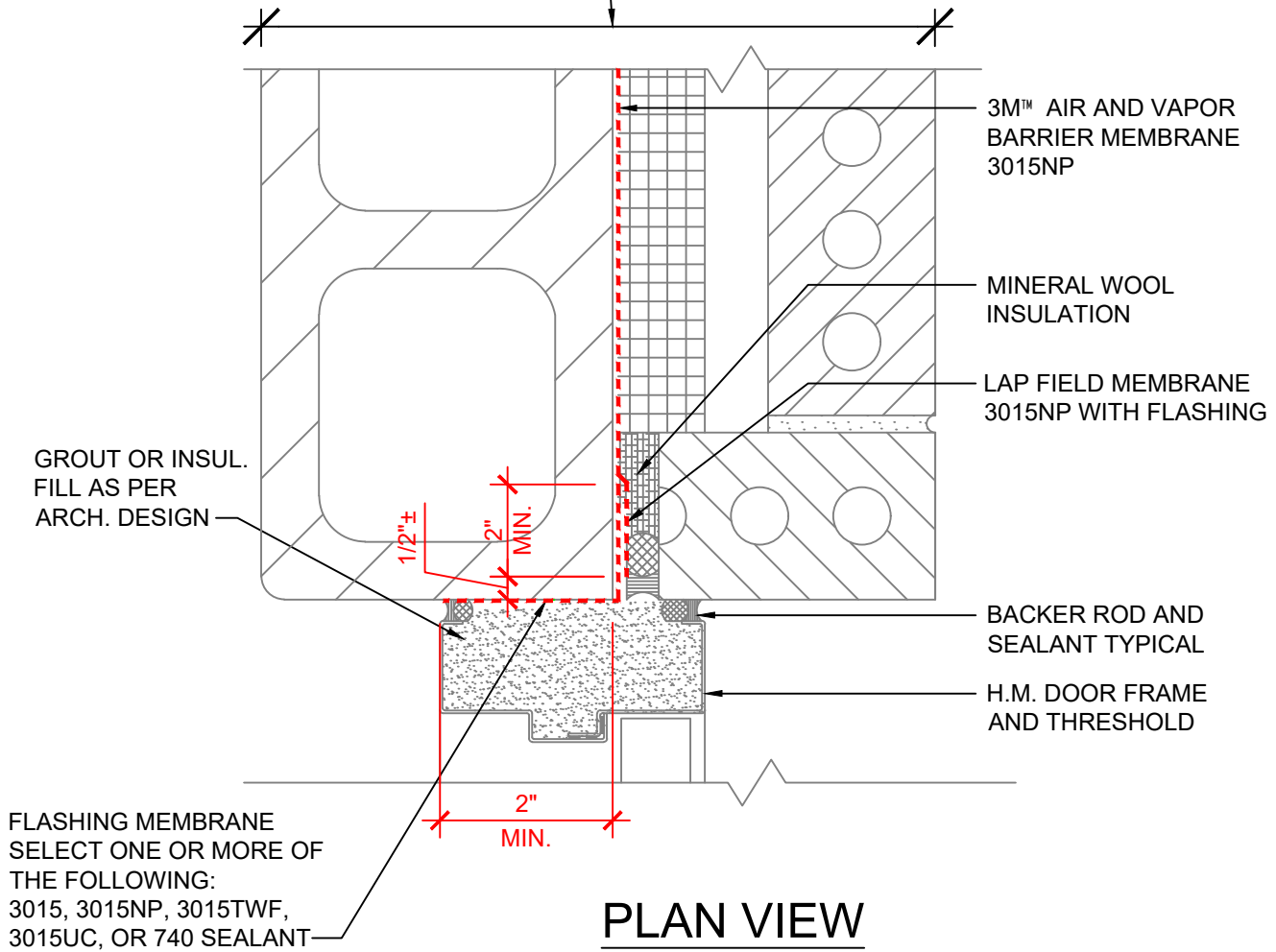
## 3M™ Air and Vapor Barrier Membrane 3015NP



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

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

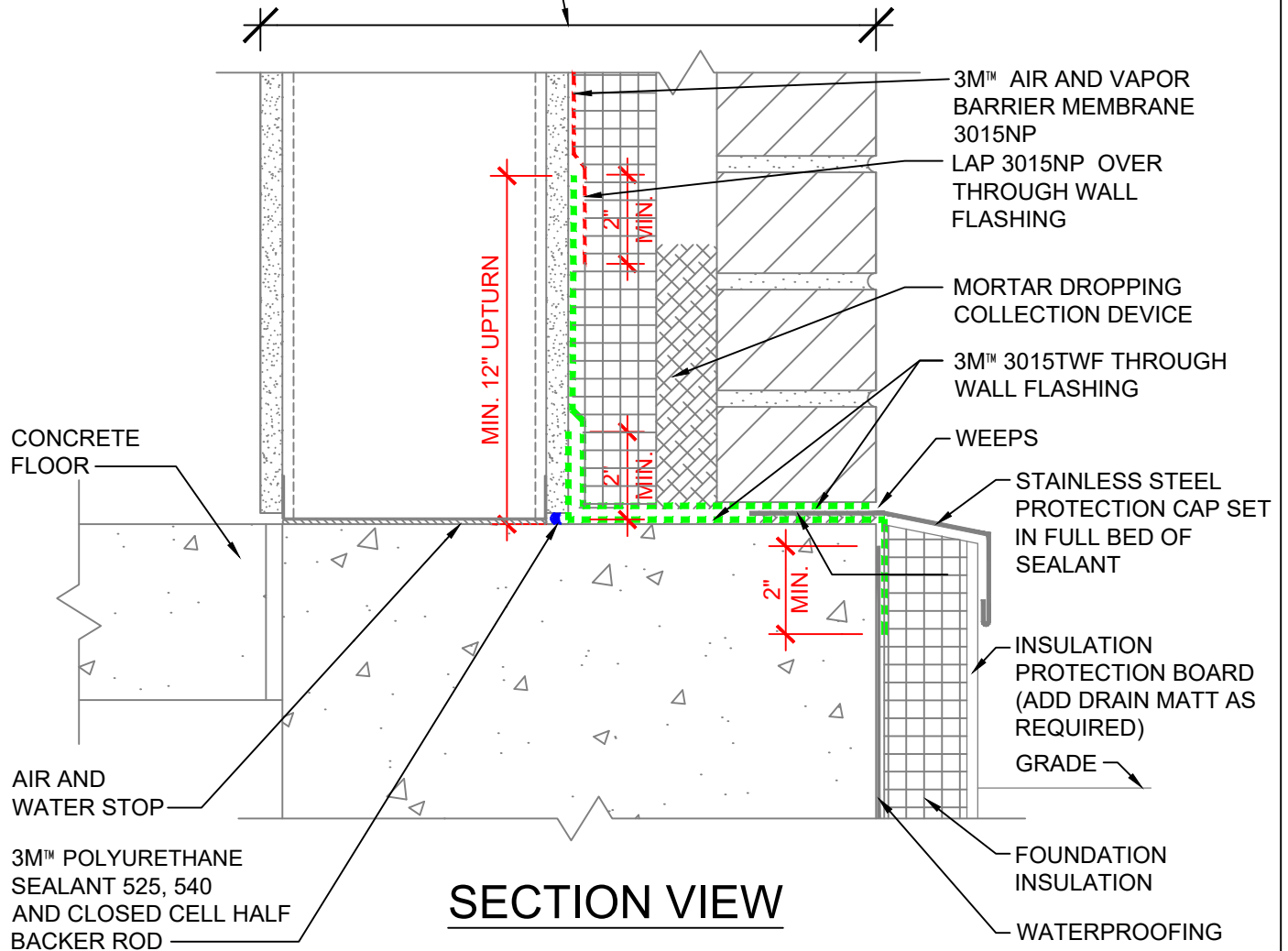


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP	03/12/21	3015NP-18.1C
WITH 3015, 3015TWF, 3015UC, OR 740 SEALANT	SCALE:	
TITLE: BRICK VENEER / CMU WALL H.M. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	DRAWN BY:	
	B.L.F.	

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**



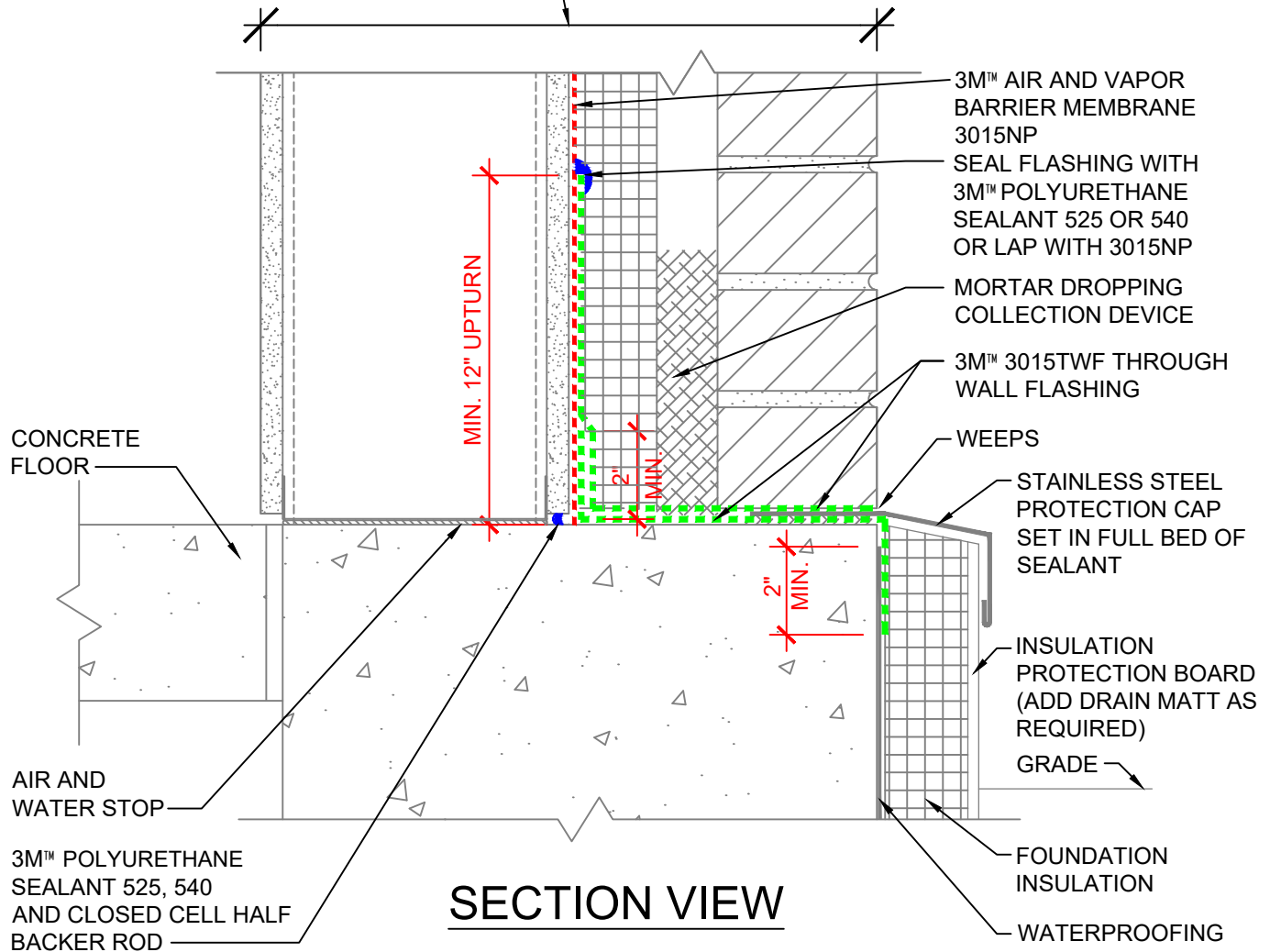
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540	03/12/21	3015NP-1.0A
TITLE: BRICK VENEER STEEL / WOOD STUD WALL BASE (IN SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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



**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**

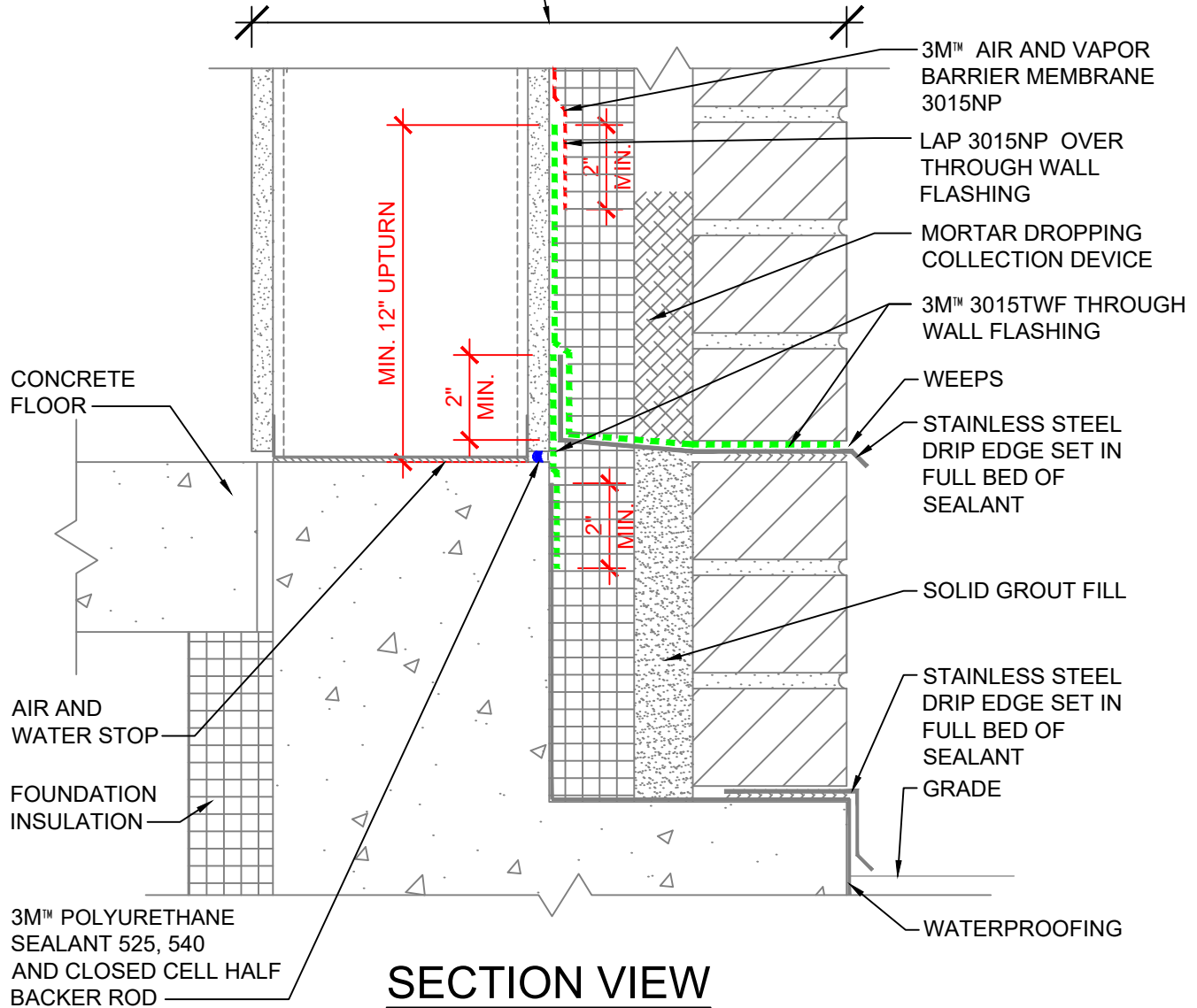


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540	03/12/21	3015NP-1.1A
TITLE: BRICK VENEER / STEEL/WOOD STUD WALL BASE (OUT OF SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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

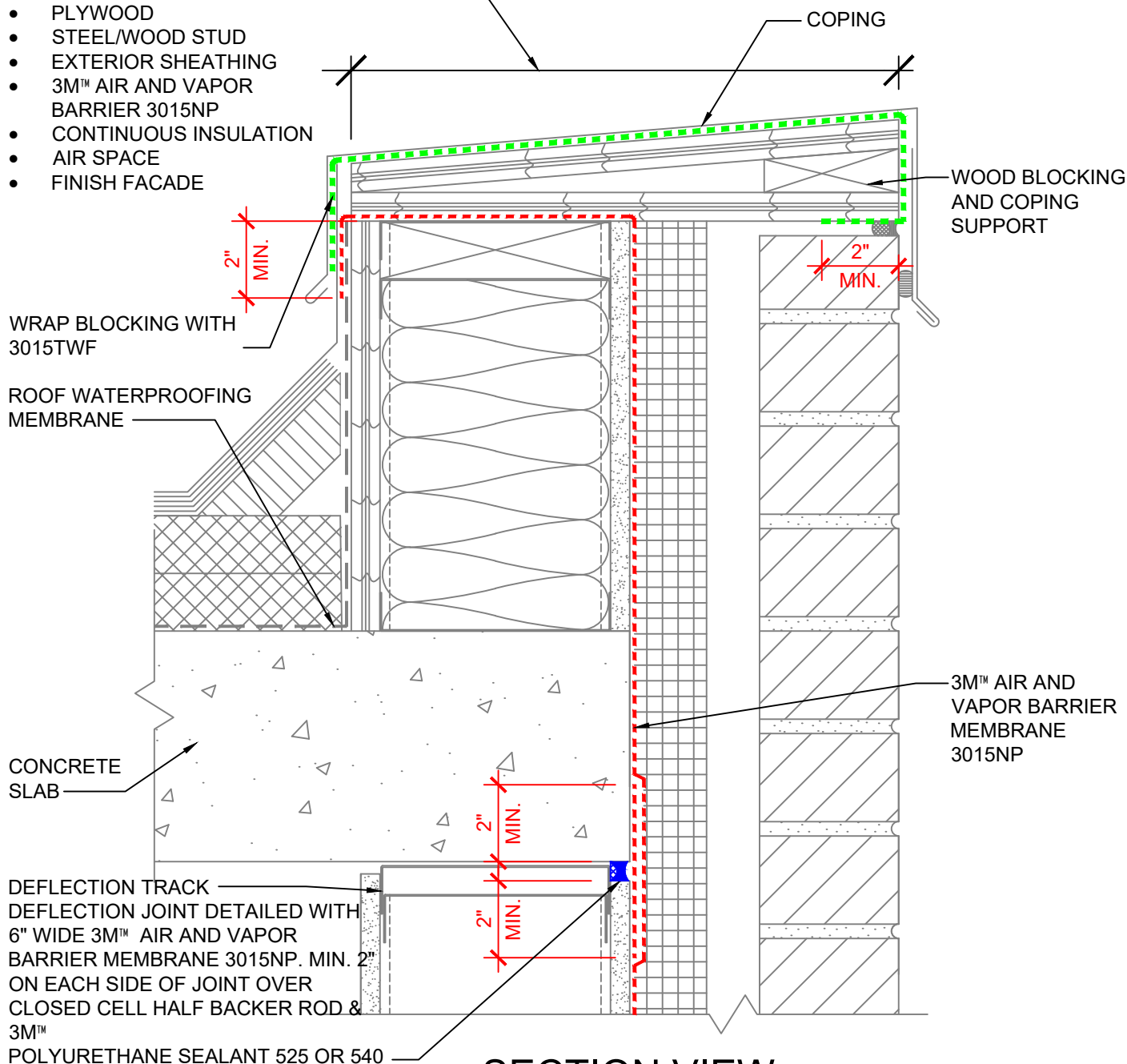


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540	03/12/21	3015NP-1.2A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL BASE / BRICK LEDGE (IN SEQUENCE)	SCALE: N.T.S.	
	DRAWN BY: B.L.F	

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



## 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.

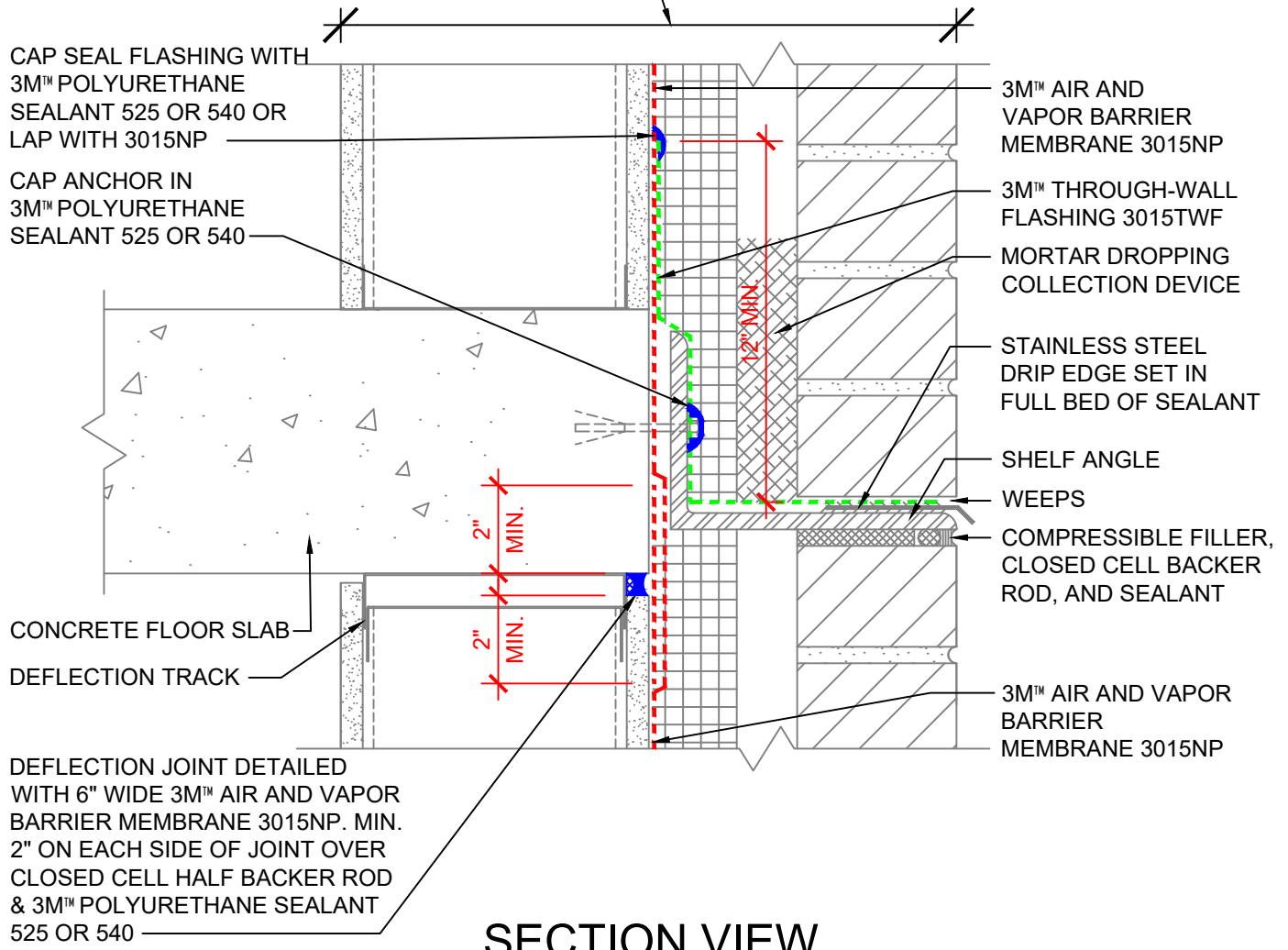
### 3M™ Air and Vapor Barrier Membrane 3015NP



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



**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**

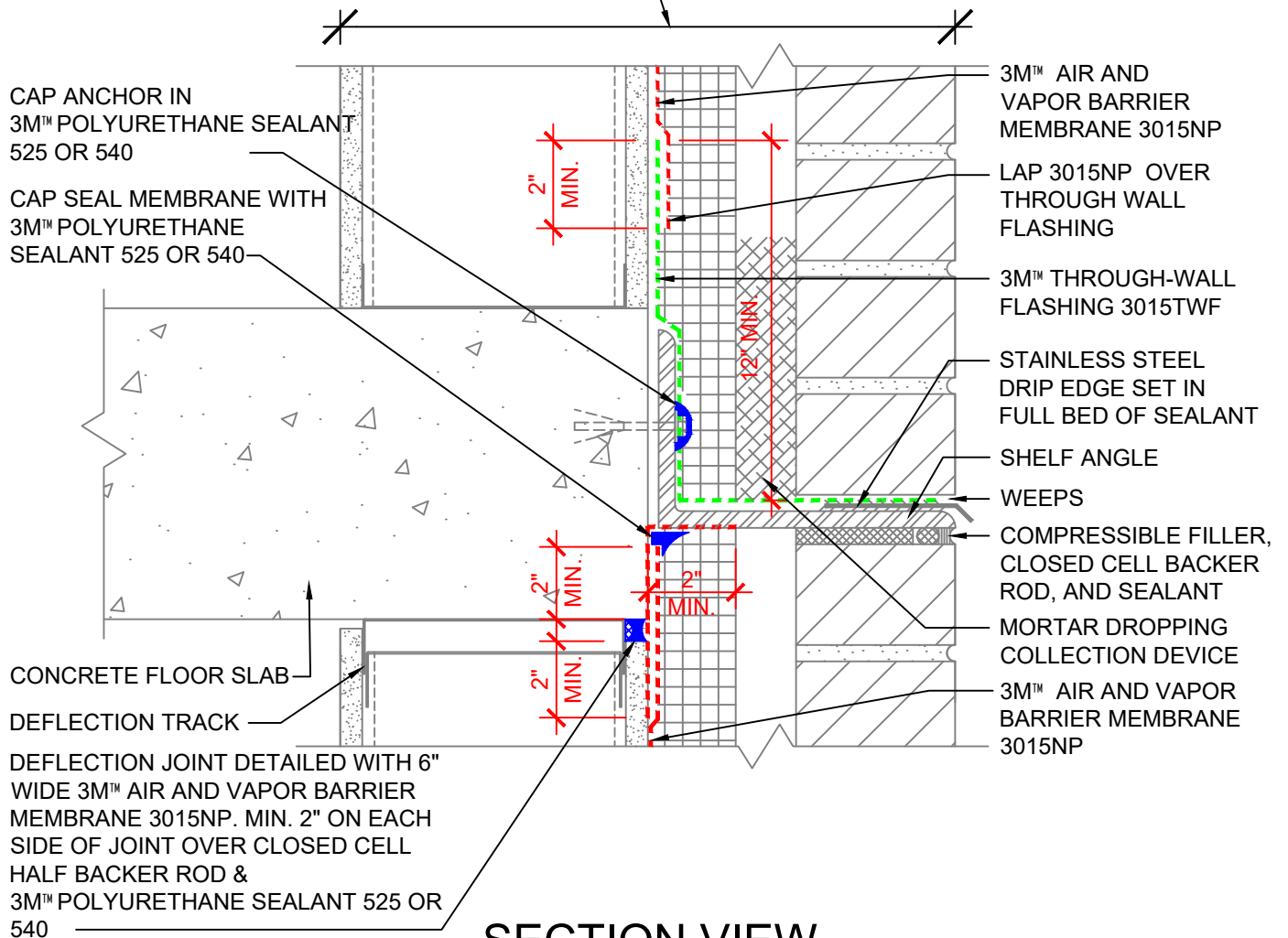


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540	03/12/21	3015NP-3.0A
TITLE: BRICK VENEER / STEEL / STUD WALL SHELF ANGLE (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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



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	

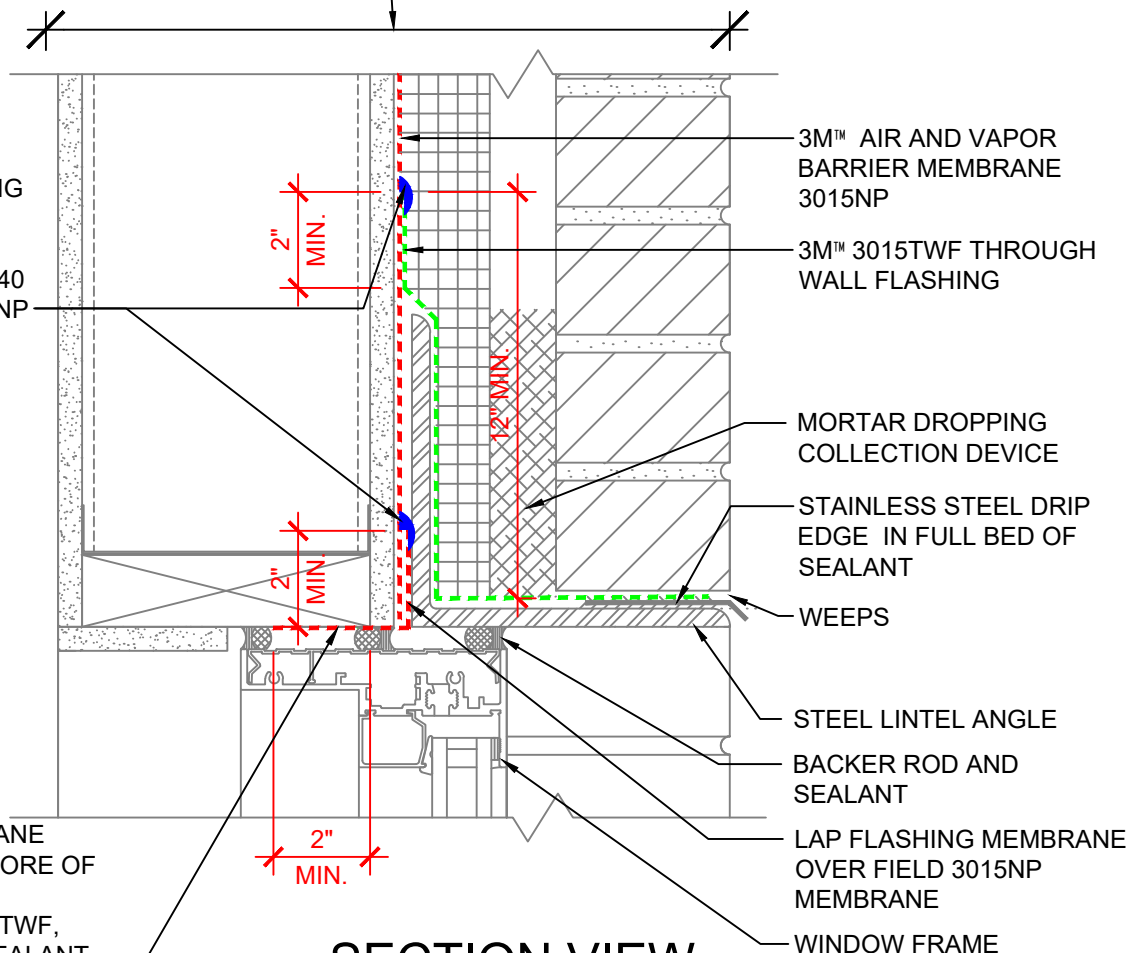
THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

# 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

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

FLASHING MEMBRANE SELECT ONE OR MORE OF THE FOLLOWING: 3015NP, 3015, 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 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.	

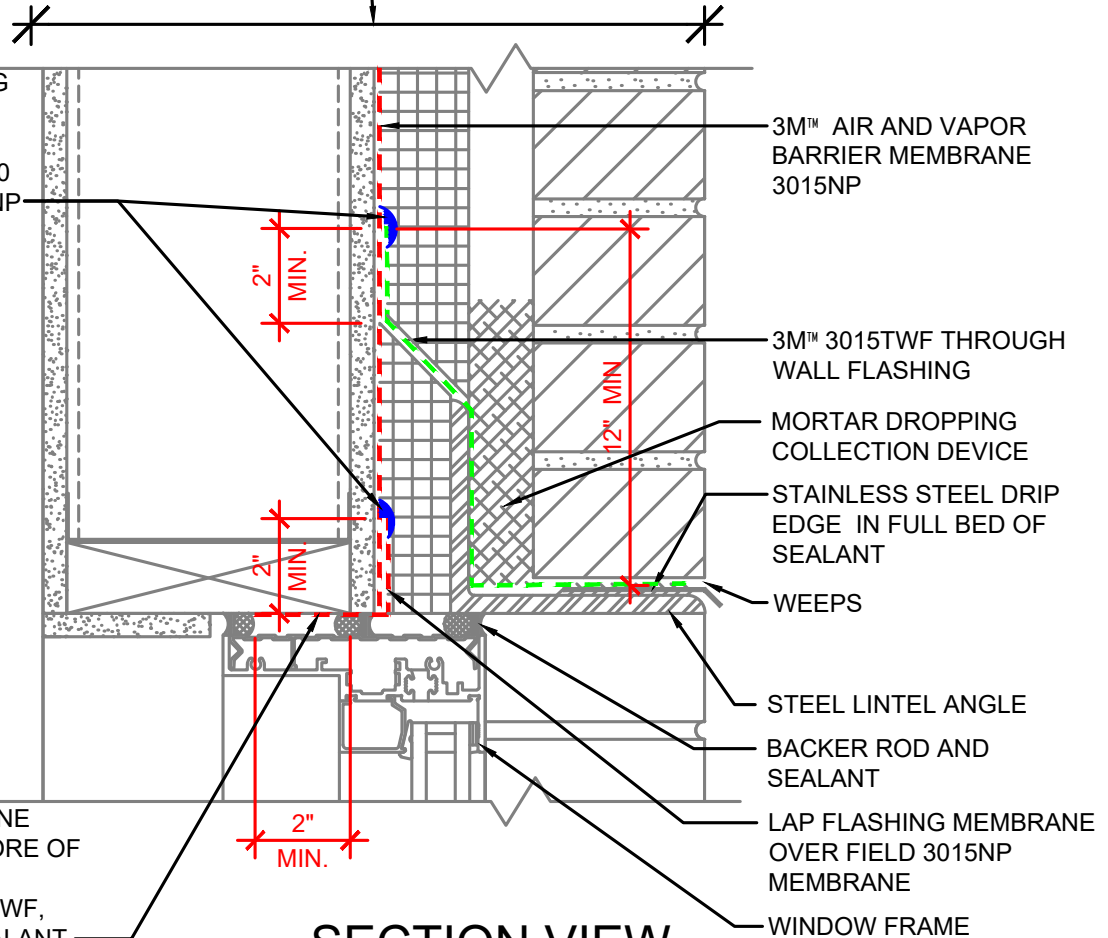
THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

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

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

FLASHING MEMBRANE  
SELECT ONE OR MORE OF  
THE FOLLOWING:  
3015NP, 3015, 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 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

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

LAP FIELD 3015NP  
MEMBRANE OVER  
FLASHING  
MEMBRANE

FLASHING MEMBRANE  
SELECT ONE OR MORE OF THE  
FOLLOWING:  
3015NP, 3015, 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

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 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-4.1A
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

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

LAP FIELD 3015NP  
MEMBRANE OVER  
FLASHING  
MEMBRANE

FLASHING MEMBRANE  
SELECT ONE OR MORE OF  
THE FOLLOWING:  
3015NP, 3015, 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

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 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

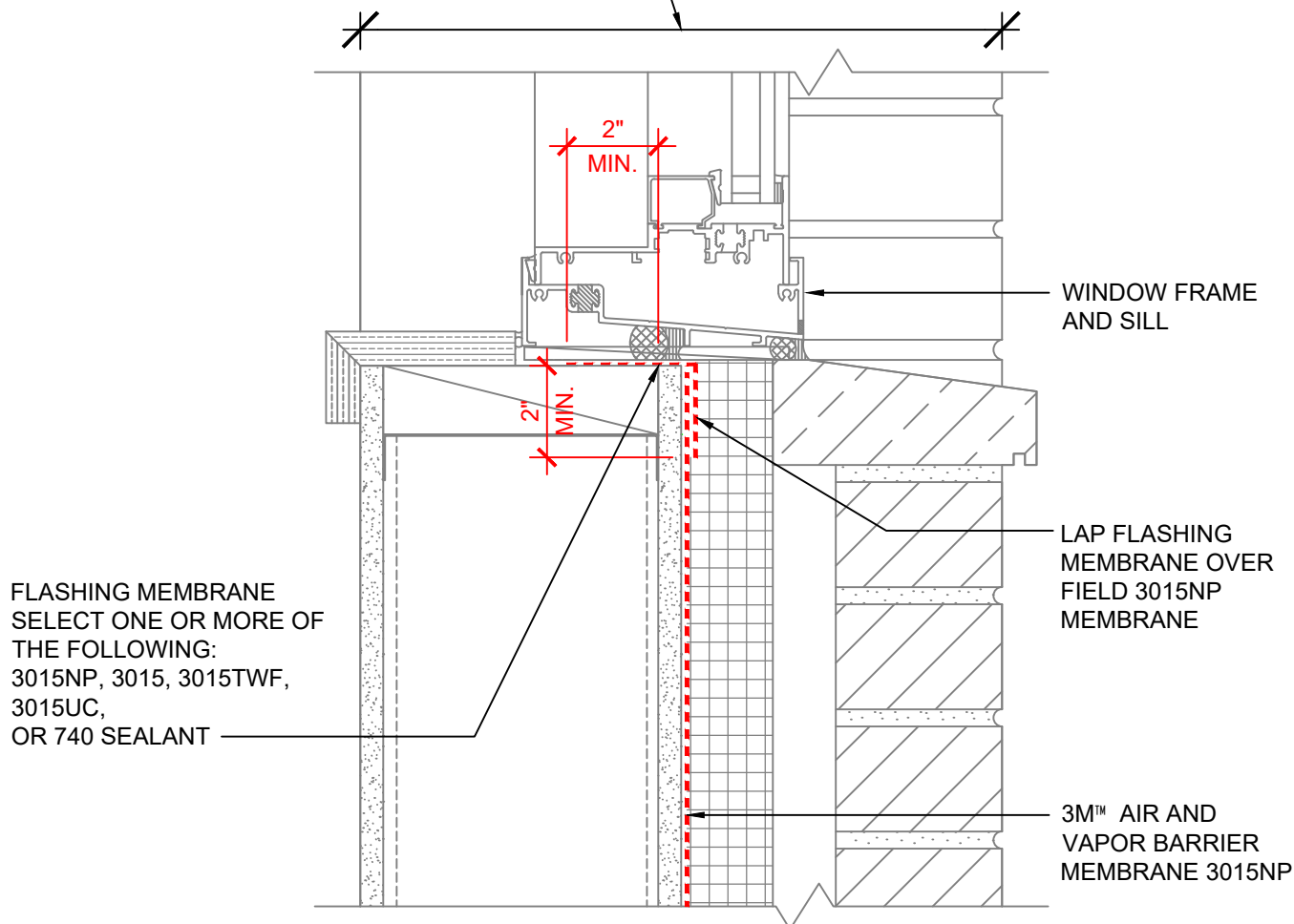


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF, 3015UC, 525/540, 3015 OR 740 SEALANT	03/12/21	3015NP-4.1B
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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

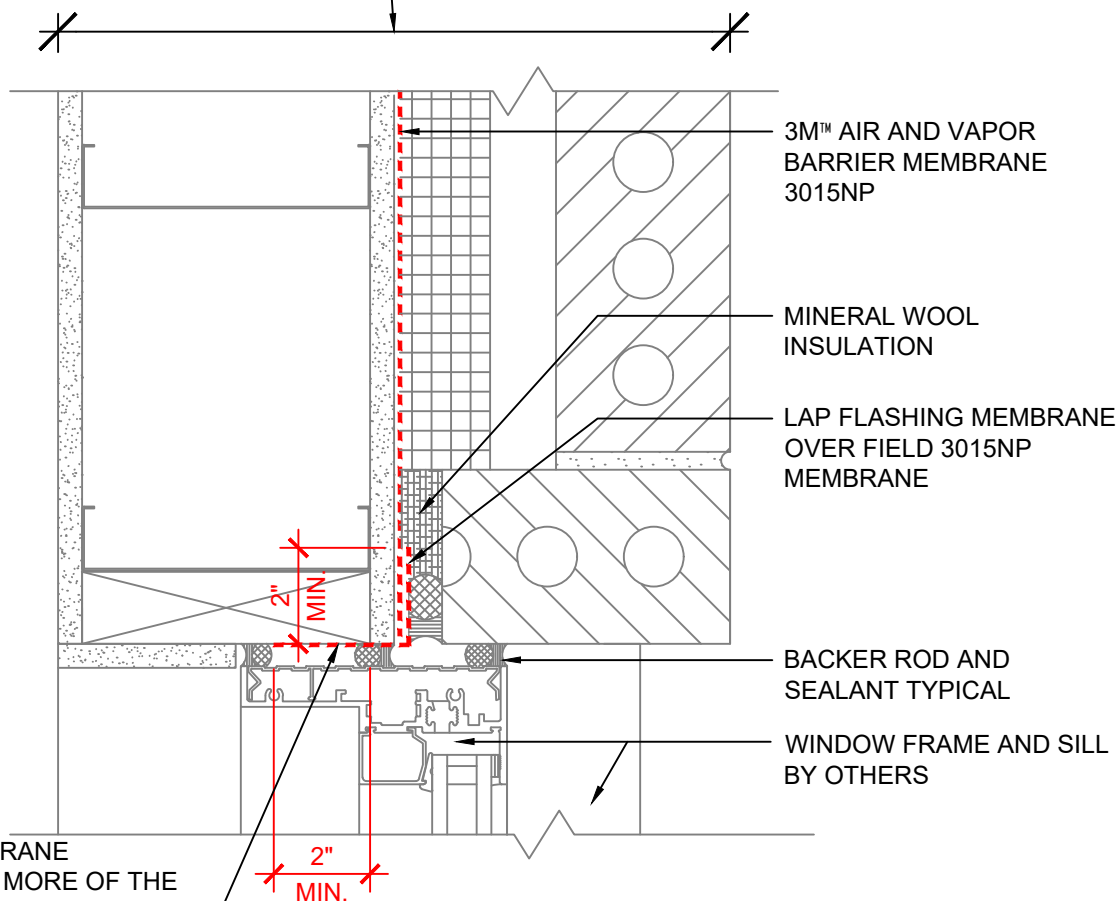


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, WITH 3015TWF, 3015UC, 3015 OR 740 SEALANT	03/12/21	3015NP-5.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW SILL	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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



## 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

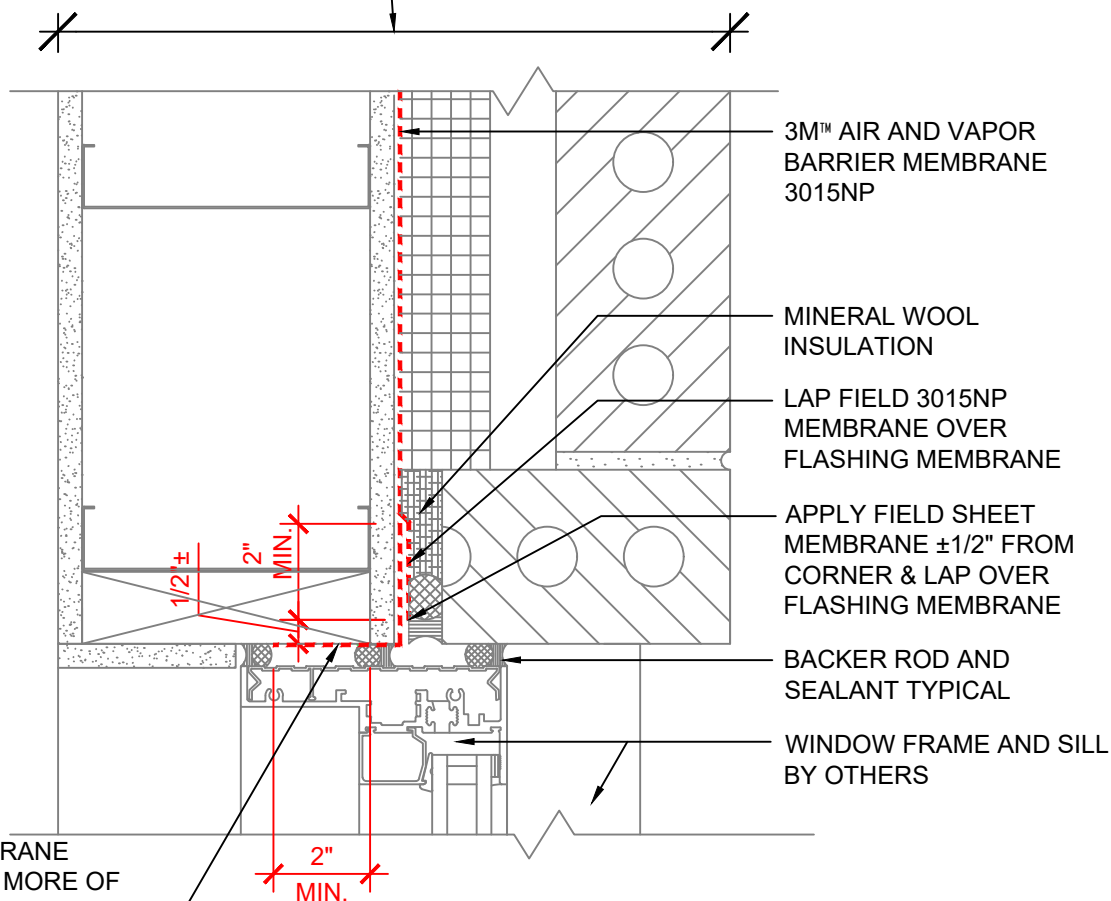


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-6.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F	

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.	

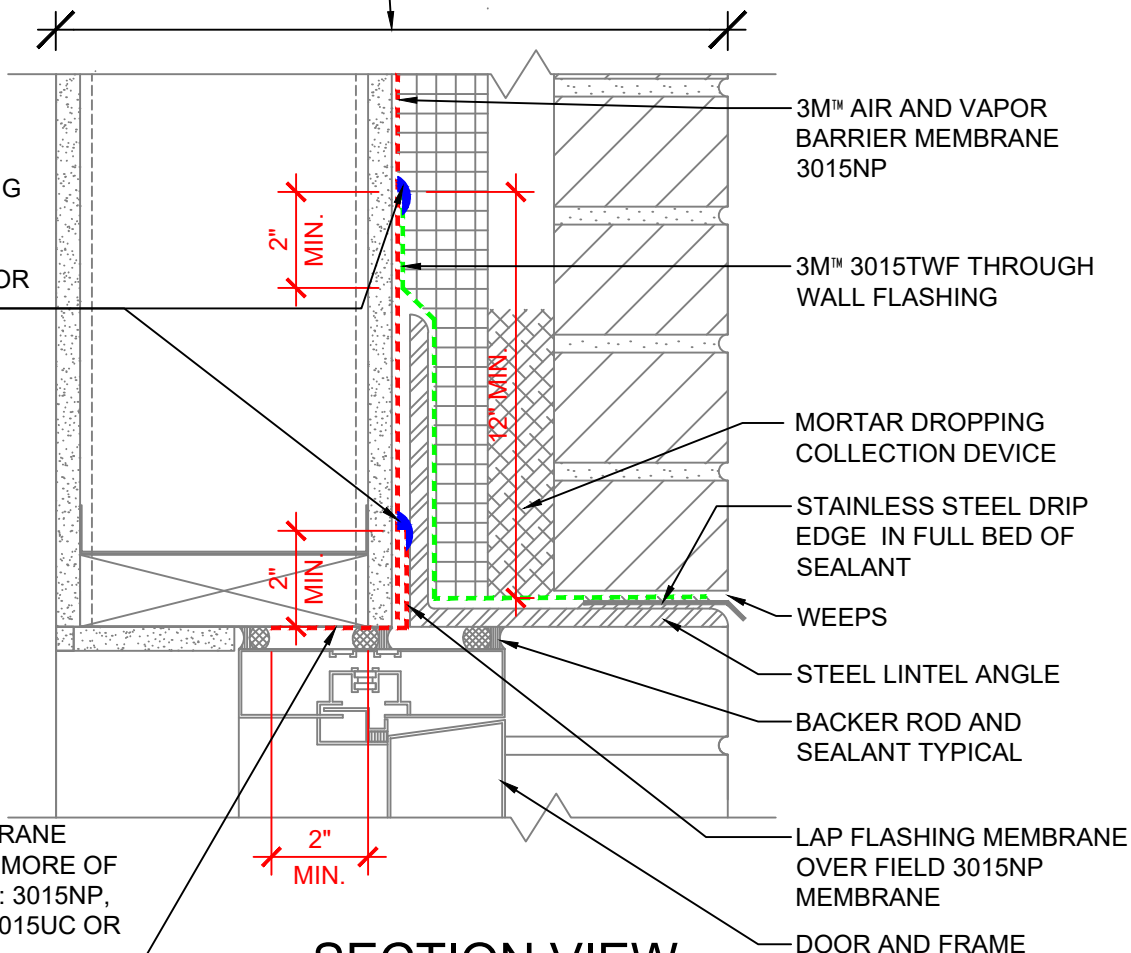
THE DETAILS DEPICTED ABOVE ARE REPRESENTATIVE OF STANDARD CONDITIONS. MODIFICATIONS ARE REQUIRED FOR THE SPECIFIC INSTALLATIONS OF YOUR PROJECT, PLEASE CONTACT A TECHNICAL REPRESENTATIVE FOR ASSISTANCE.

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

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

FLASHING MEMBRANE  
SELECT ONE OR MORE OF  
THE FOLLOWING: 3015NP,  
3015, 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 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-7.0A
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

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

FLASHING MEMBRANE  
SELECT ONE OR MORE OF  
THE FOLLOWING: 3015NP  
3015, 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

LAP FLASHING MEMBRANE  
OVER FIELD 3015NP  
MEMBRANE

DOOR AND 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 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



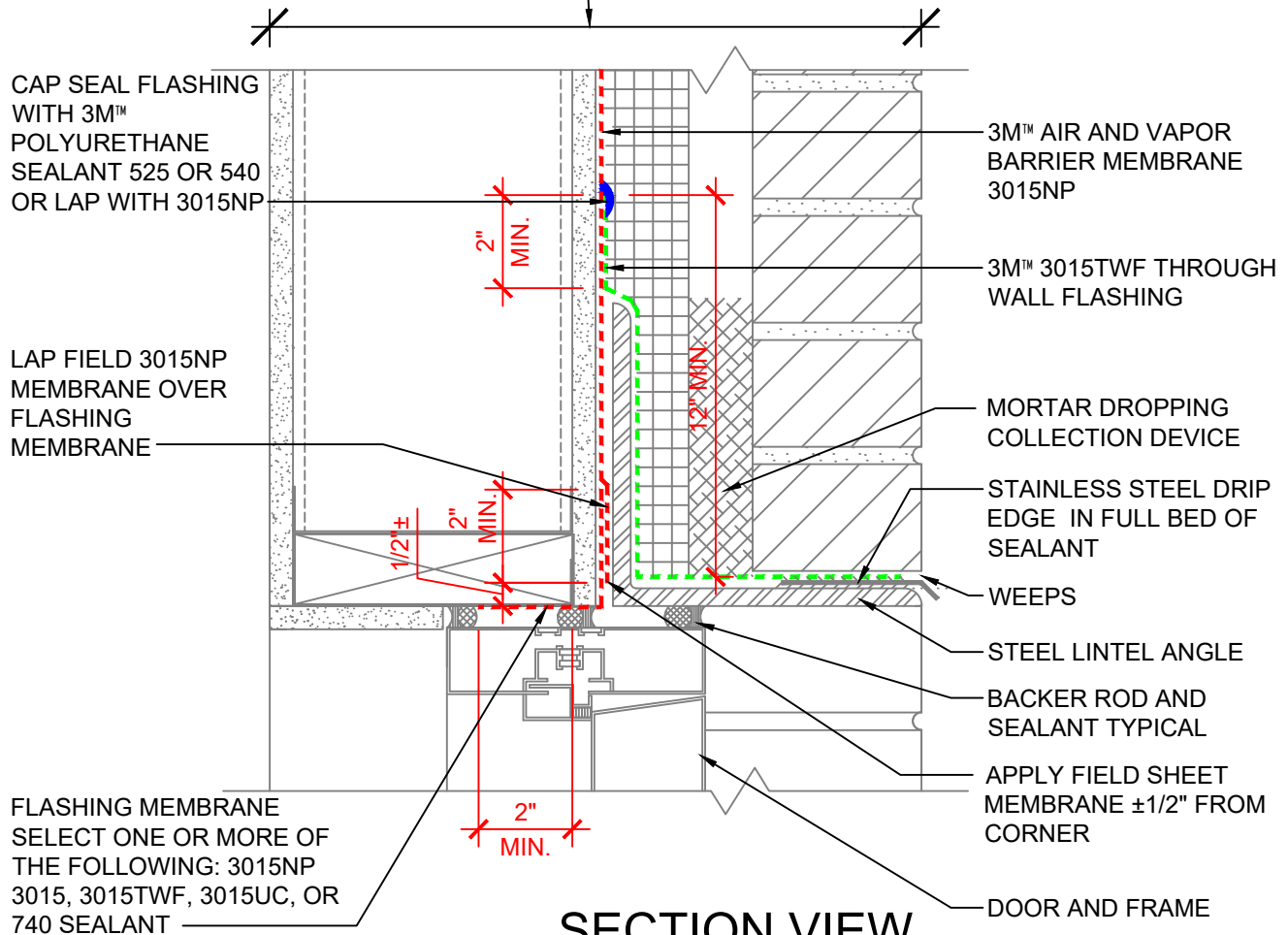
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-7.0B
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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, 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	

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

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

LAP FIELD 3015NP  
MEMBRANE OVER  
FLASHING  
MEMBRANE

FLASHING MEMBRANE  
SELECT ONE OR MORE OF  
THE FOLLOWING: 3015NP  
3015, 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

APPLY FIELD SHEET  
MEMBRANE ±1/2" FROM  
CORNER

DOOR AND 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 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.

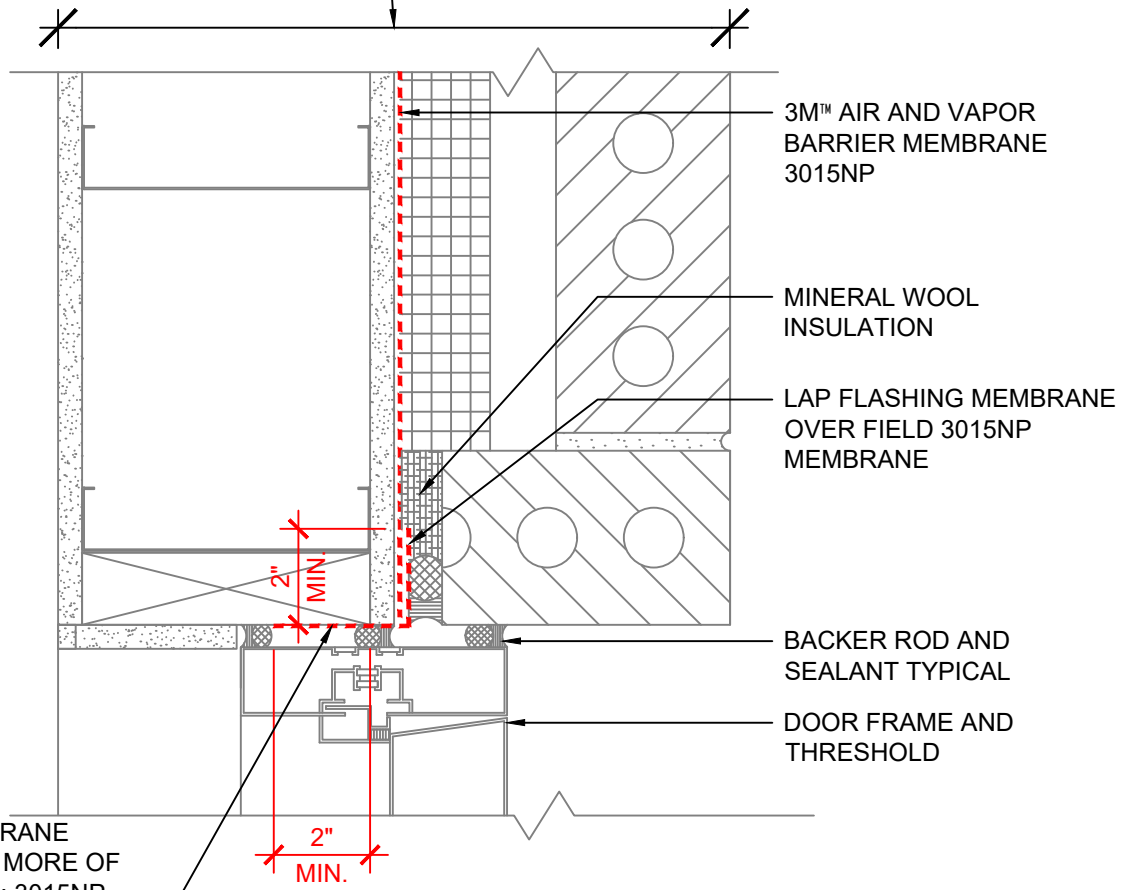
### 3M™ Air and Vapor Barrier Membrane 3015NP



PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-7.1B
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.	

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.

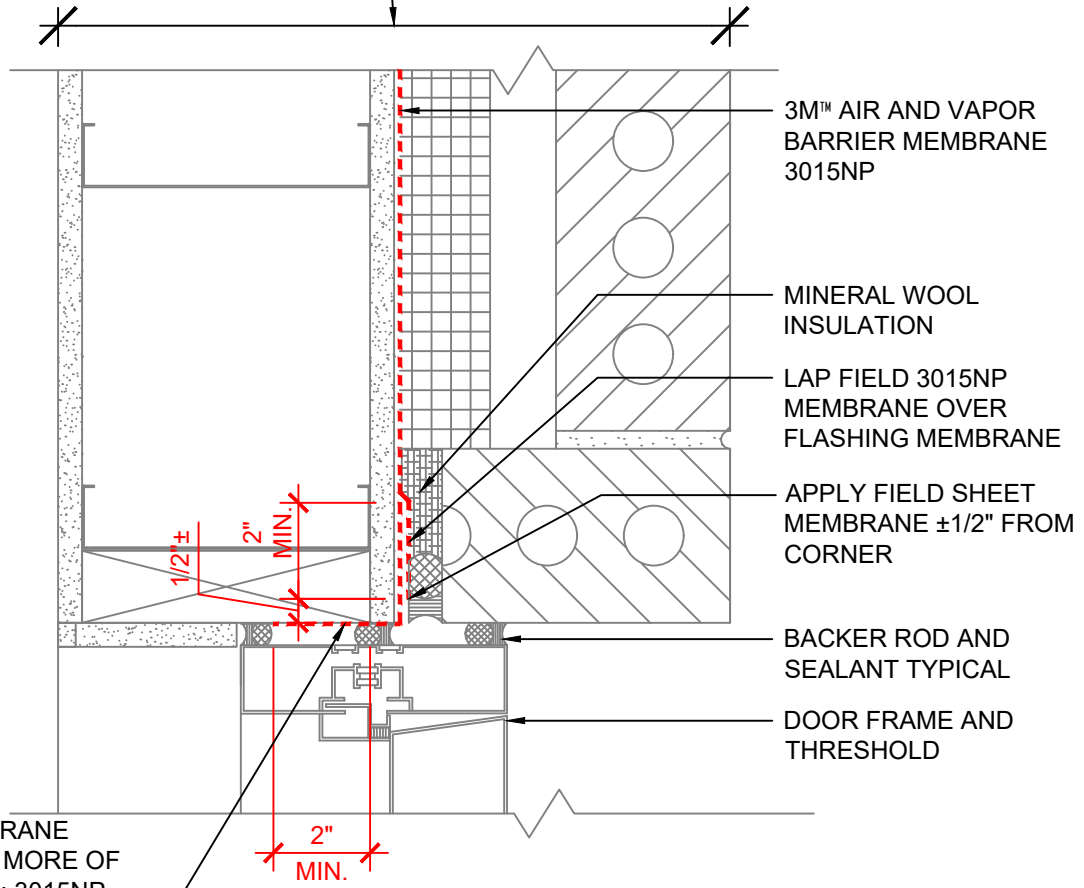
## 3M™ Air and Vapor Barrier Membrane 3015NP



PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015, 3015TWF, 3015UC OR 740 SEALANT	03/12/21	3015NP-8.0A
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

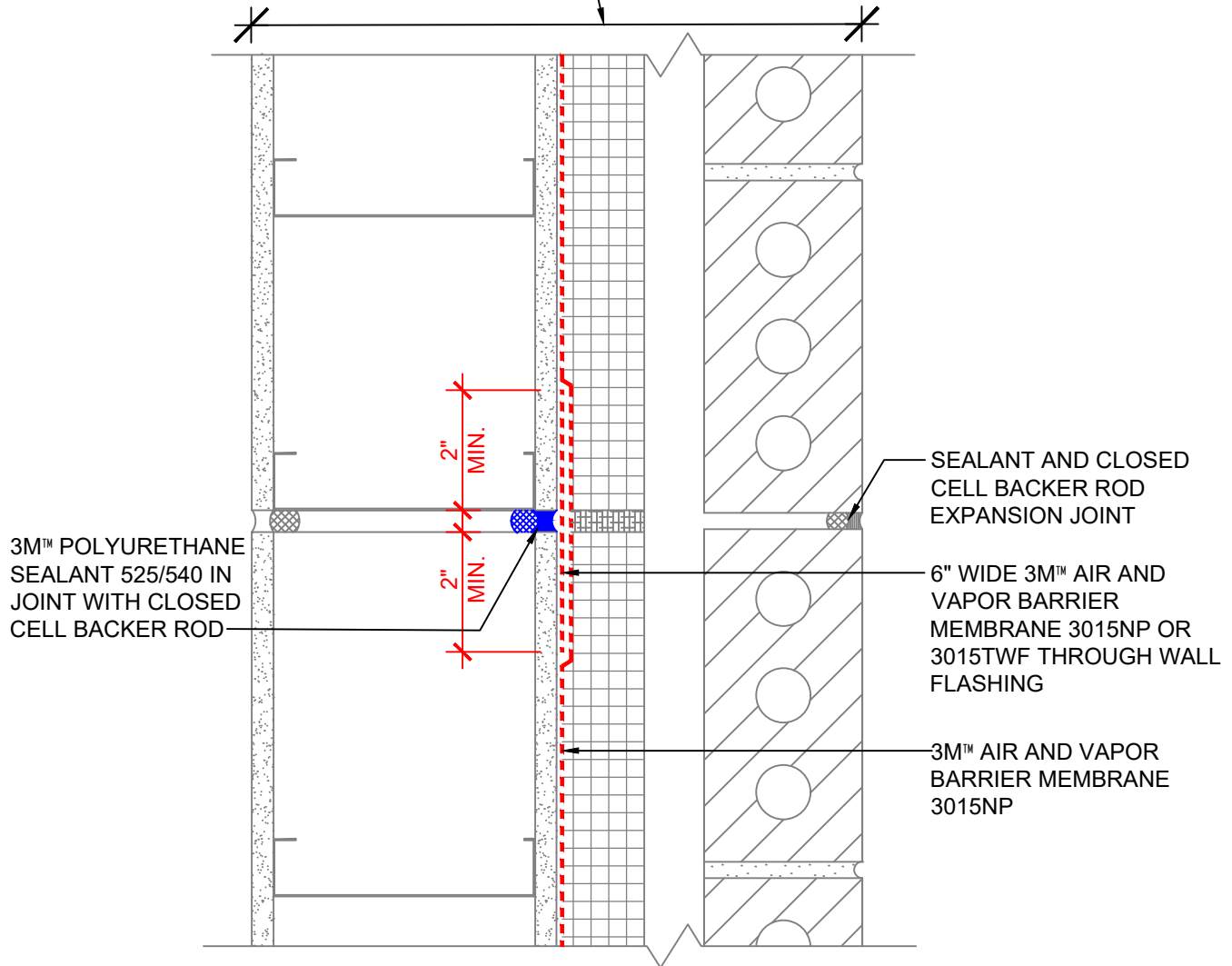


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015, 3015TWF, 3015UC OR 740 SEALANT	03/12/21	3015NP-8.1A
TITLE: BRICK VENEER / STEEL STUD WALL	SCALE:	
ALUM. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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

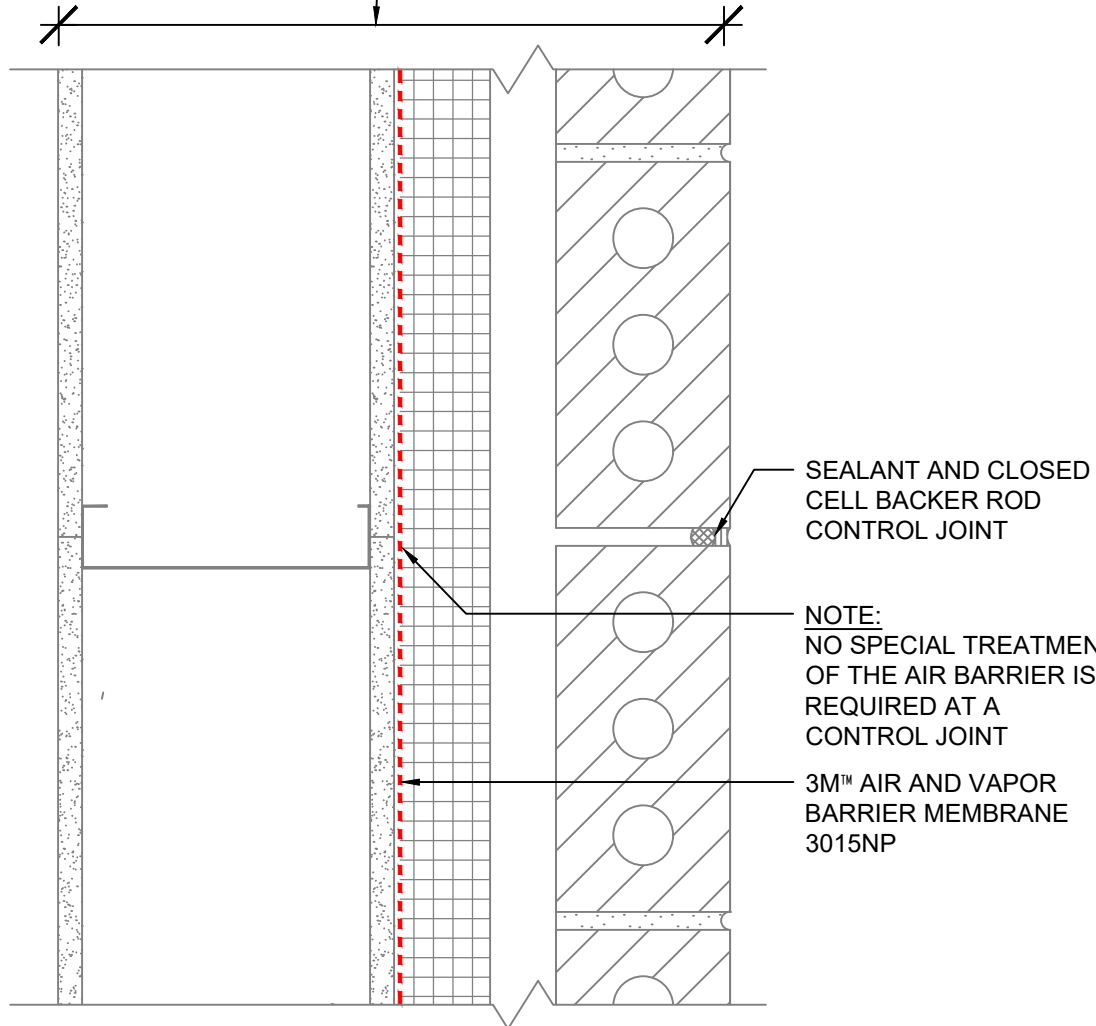


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540	03/12/21	3015NP-9.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL EXPANSION JOINT	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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



SEALANT AND CLOSED  
CELL BACKER ROD  
CONTROL JOINT

**NOTE:**  
NO SPECIAL TREATMENT  
OF THE AIR BARRIER IS  
REQUIRED AT A  
CONTROL JOINT

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	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.

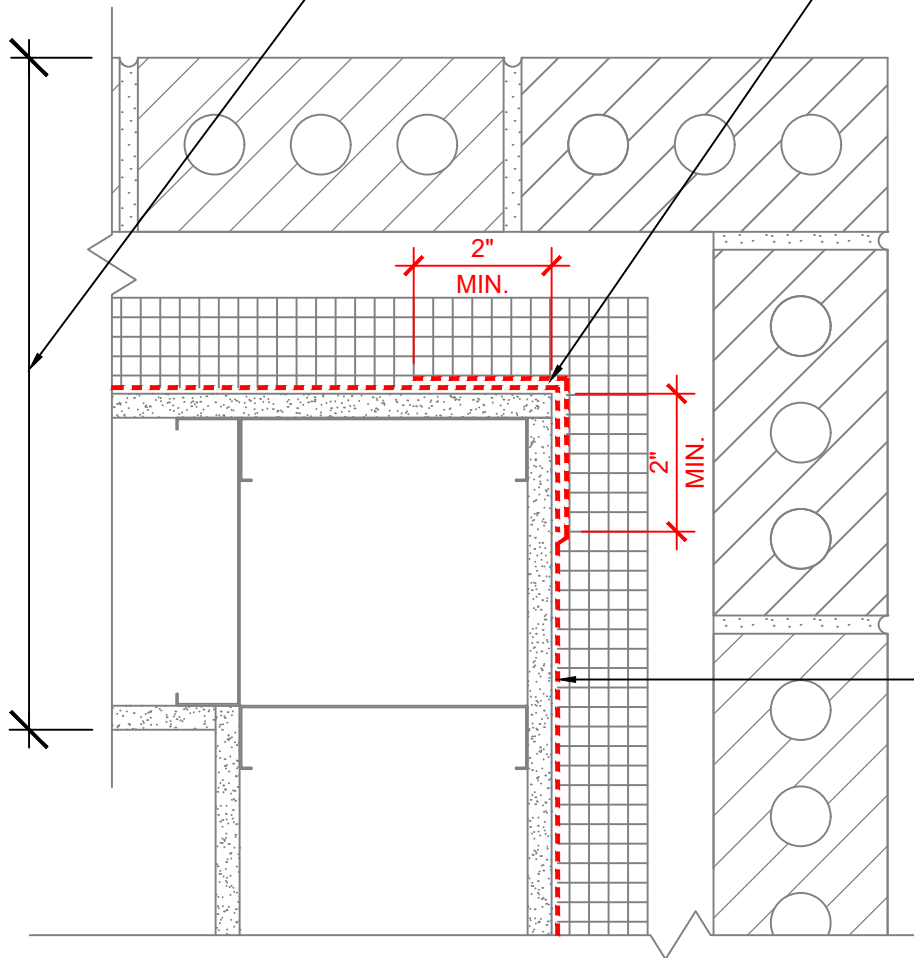
WALL DESIGN BY OTHERS CONSIST OF:

- 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



**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.

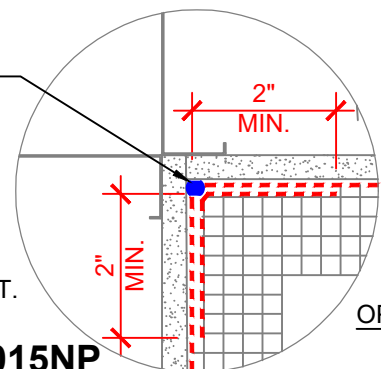
OPTION 3). 1ST LAYER 525 OR  
540 SEALANT AT SEAM, 2ND  
LAYER 6" WIDE 3015NP OR  
3015 TWF. (DEPICTED IN  
PARTIAL DETAIL)

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



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

2" MIN.  
2" MIN.

2" MIN.  
2" MIN.

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

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 CONCRETE COLUMN EXCEEDS 1/4" BUT IS LESS THAN 1/2" ONLY SEALANT IS REQUIRED.

### 3M™ Air and Vapor Barrier Membrane 3015NP

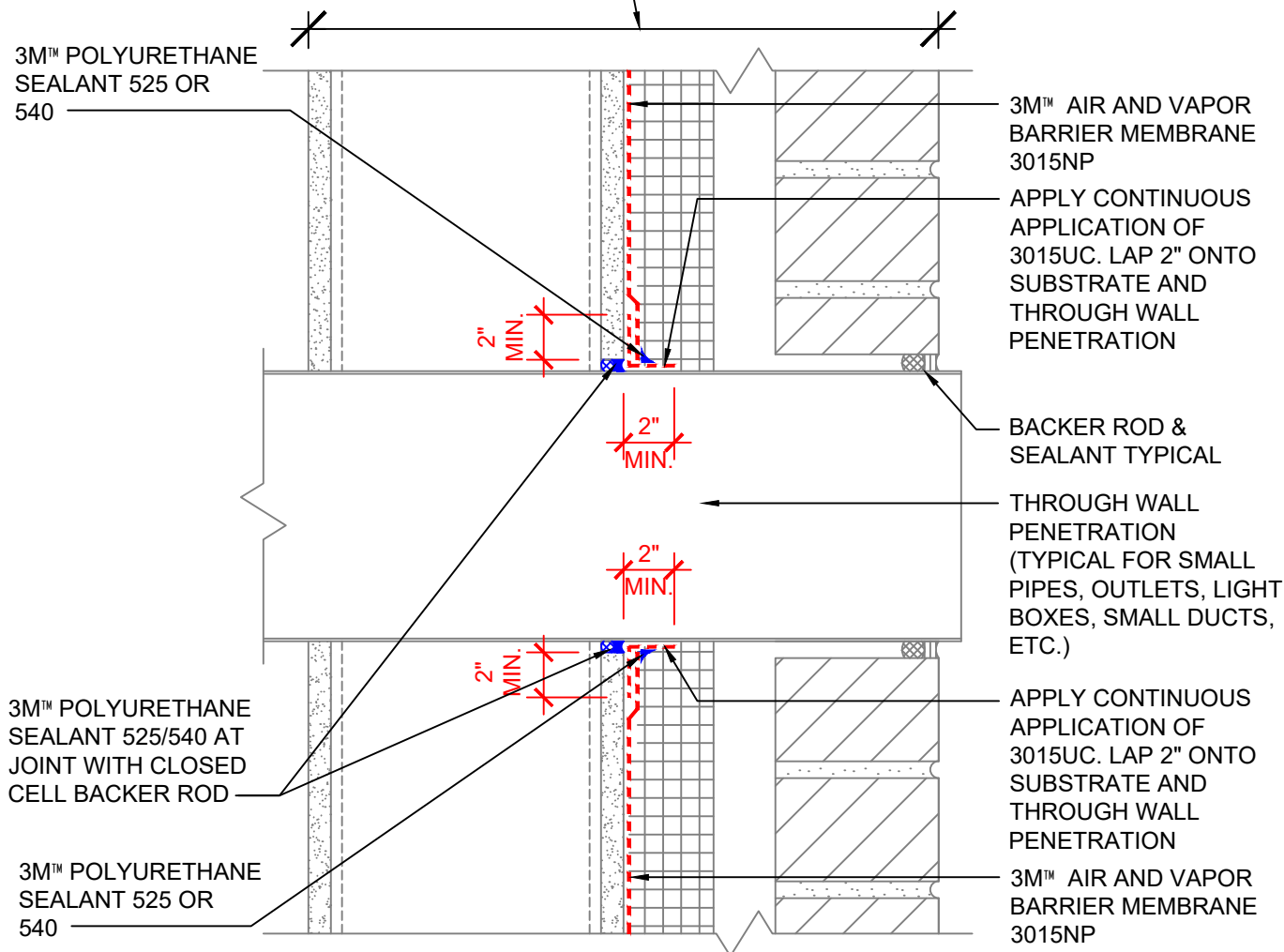


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF AND 525/540	03/12/21	3015NP-14.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL CONCRETE COLUMN CONNECTION	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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

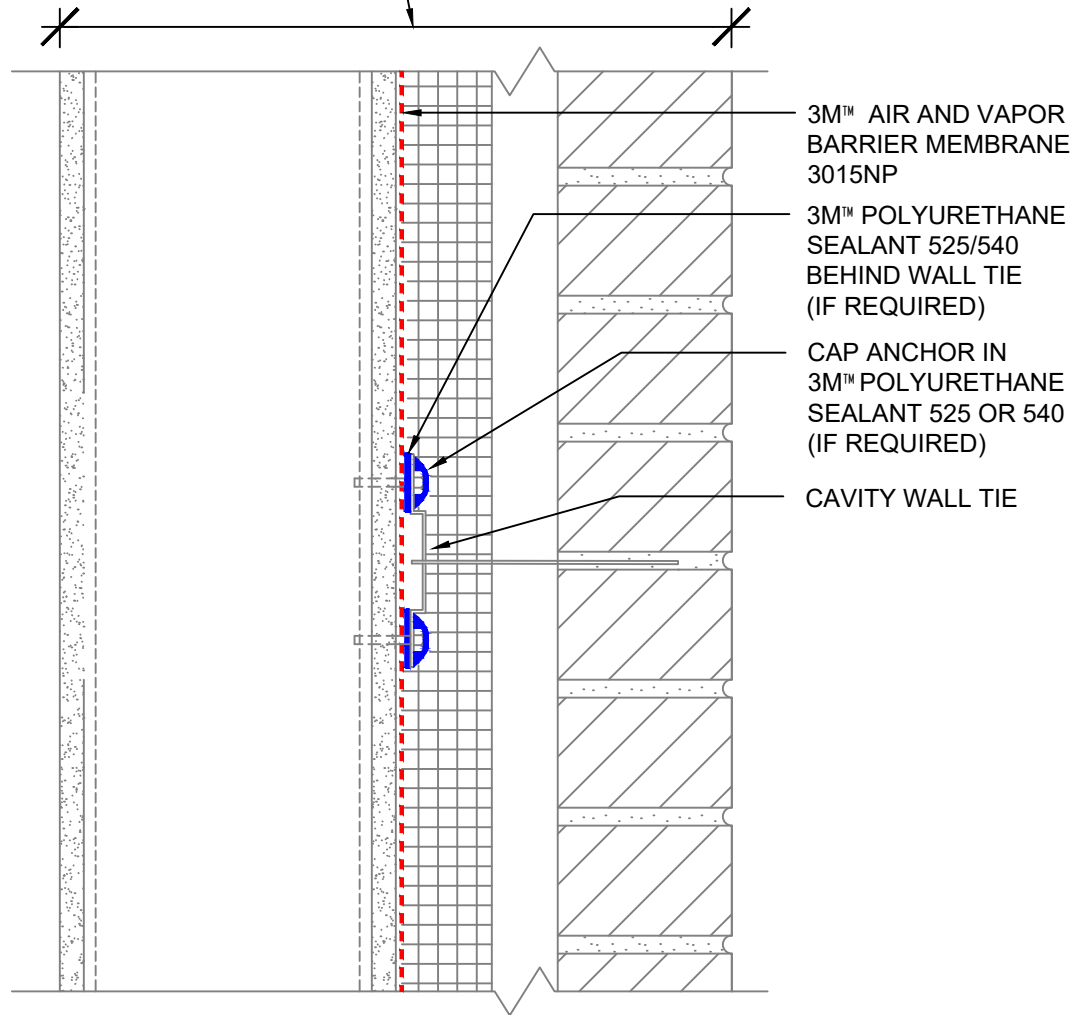


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015UC AND 525/540	03/12/21	3015-15.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL THROUGH WALL PIPE OR DUCT PENETRATION	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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

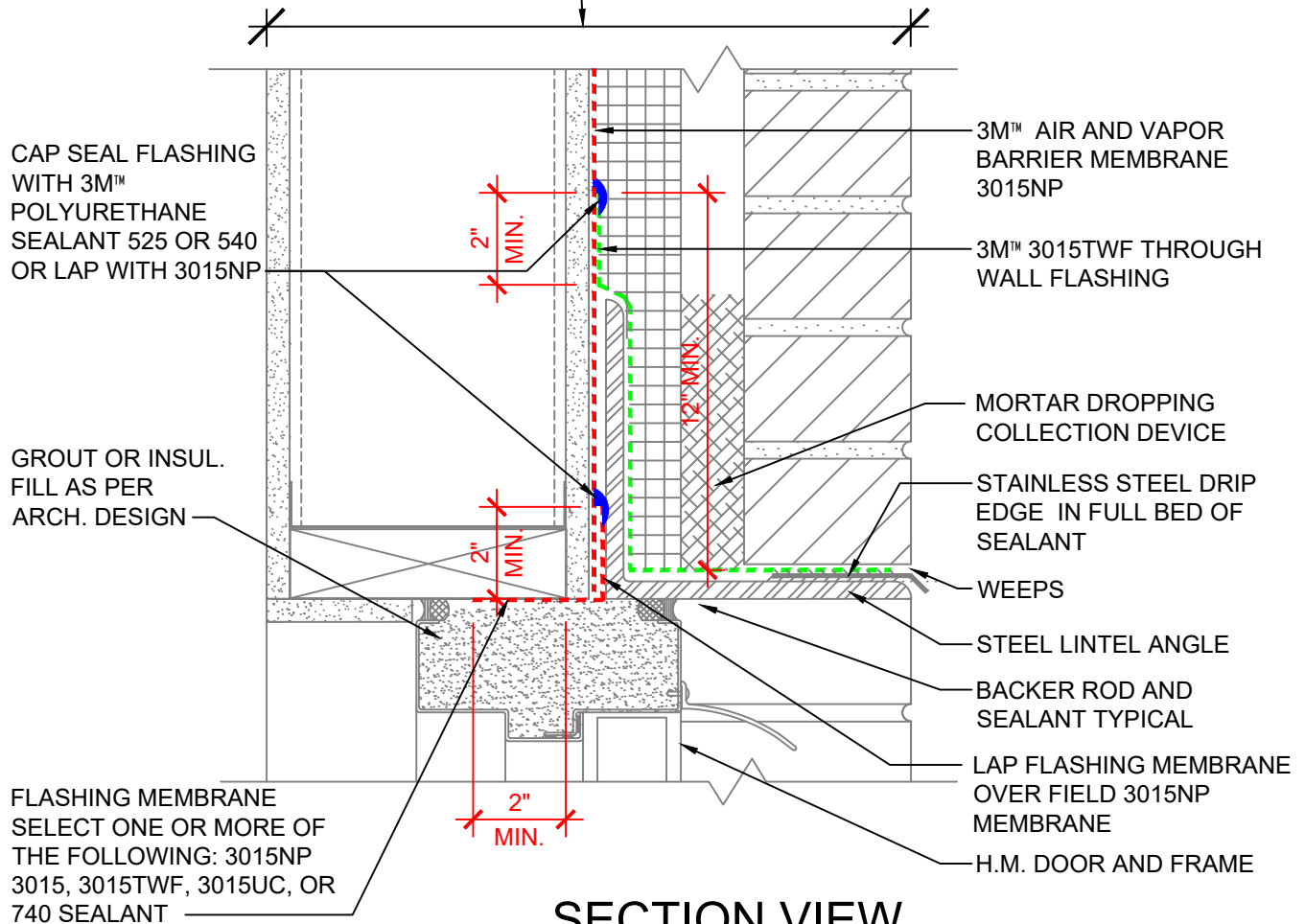


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP AND 525/540	03/12/21	3015NP-16.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD	SCALE:	
WALL CAVITY WALL TIE	DRAWN BY:	
	B.L.F.	

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 3015

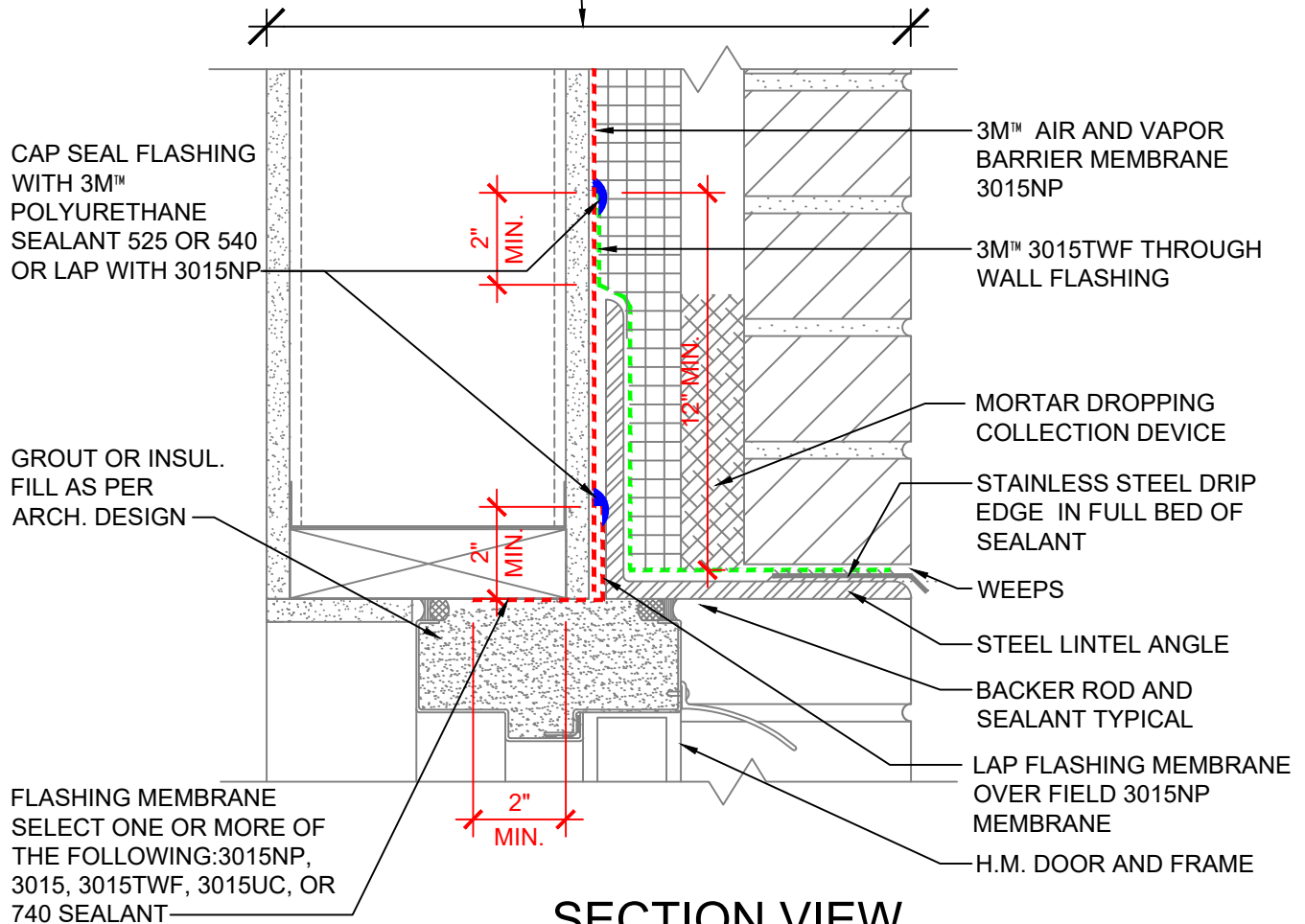


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-17.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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



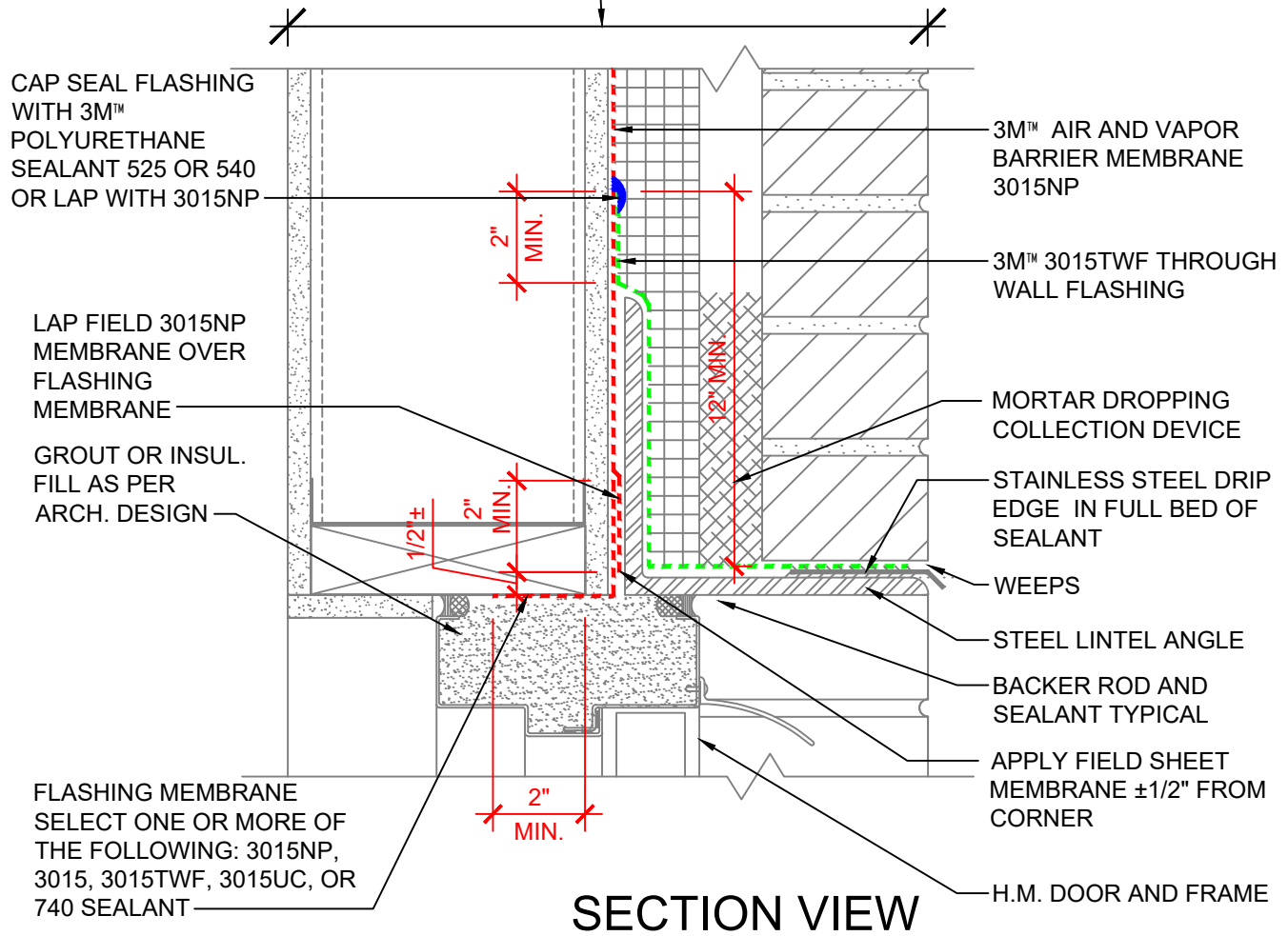
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-17.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F.	

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	SCALE:	
H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	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

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

LAP FIELD 3015NP  
MEMBRANE OVER  
FLASHING  
MEMBRANE

FLASHING MEMBRANE  
SELECT ONE OR MORE OF  
THE FOLLOWING: 3015NP  
3015, 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

APPLY FIELD SHEET  
MEMBRANE ±1/2" FROM  
CORNER

H.M. DOOR AND 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. 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

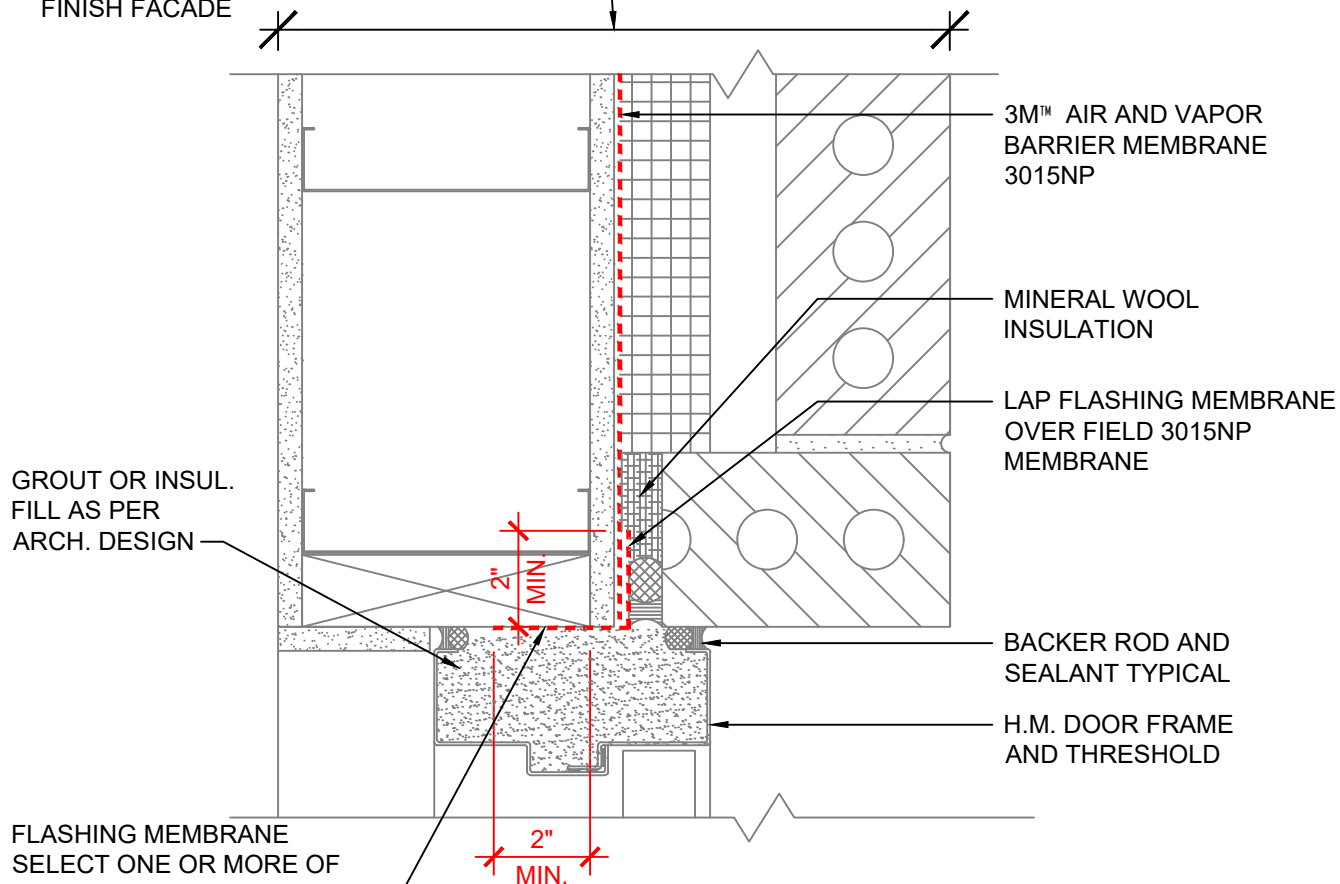


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015TWF, 525/540 AND 3015, 3015UC OR 740 SEALANT	03/12/21	3015NP-17.1B
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE:	
	N.T.S.	
	DRAWN BY:	
	B.L.F.	

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.

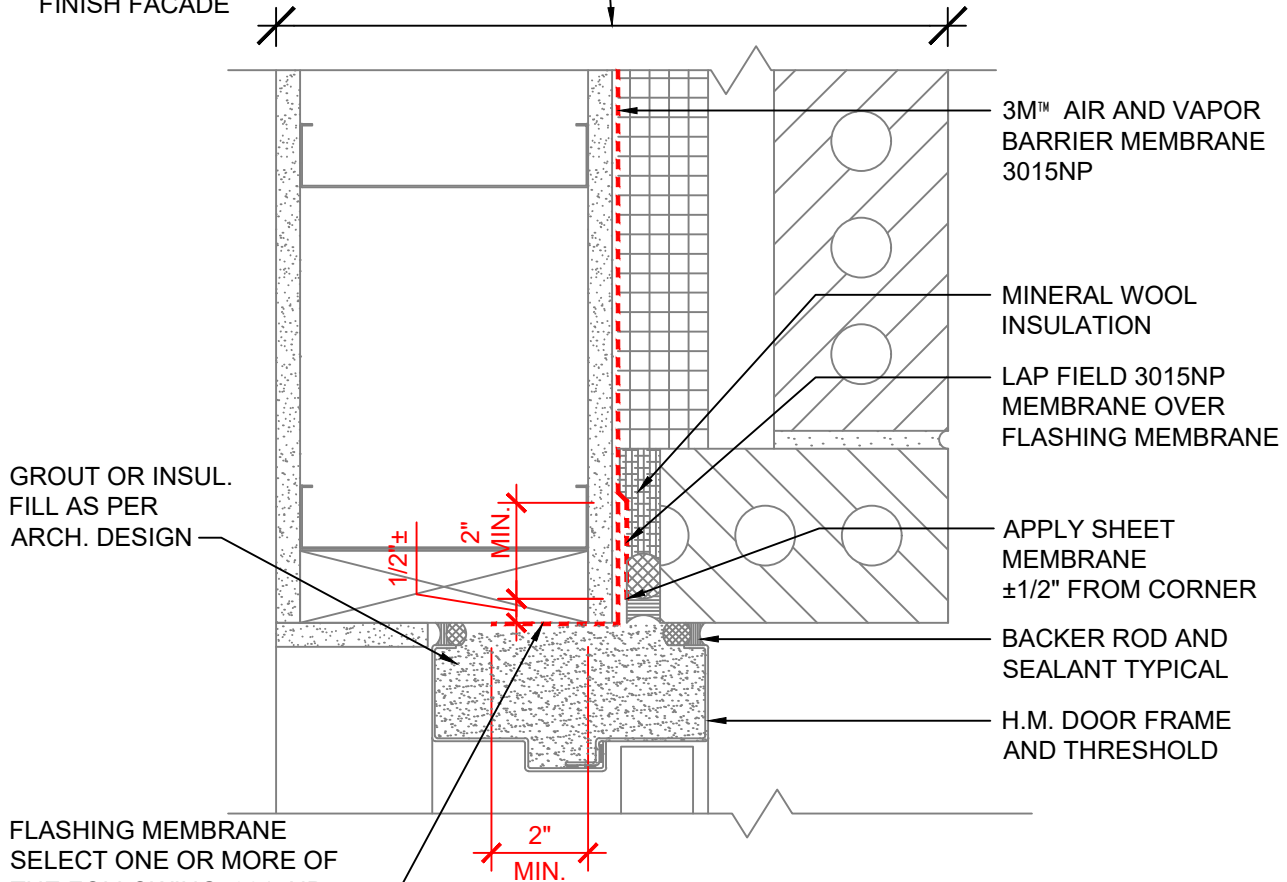
## 3M™ Air and Vapor Barrier Membrane 3015NP



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



## 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



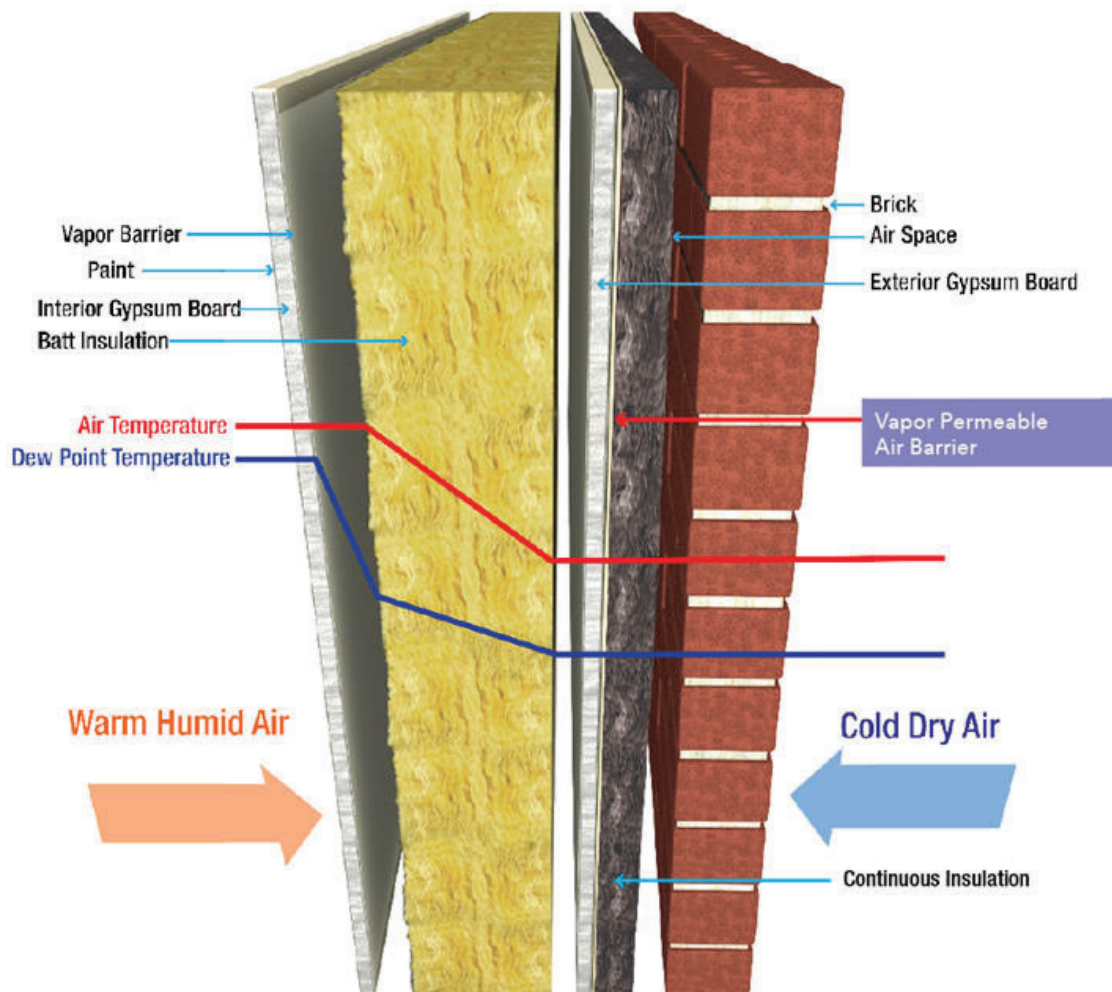
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015NP, 3015, 3015TWF, 3015UC OR 740 SEALANT	03/12/21	3015NP-18.1A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: B.L.F..	

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

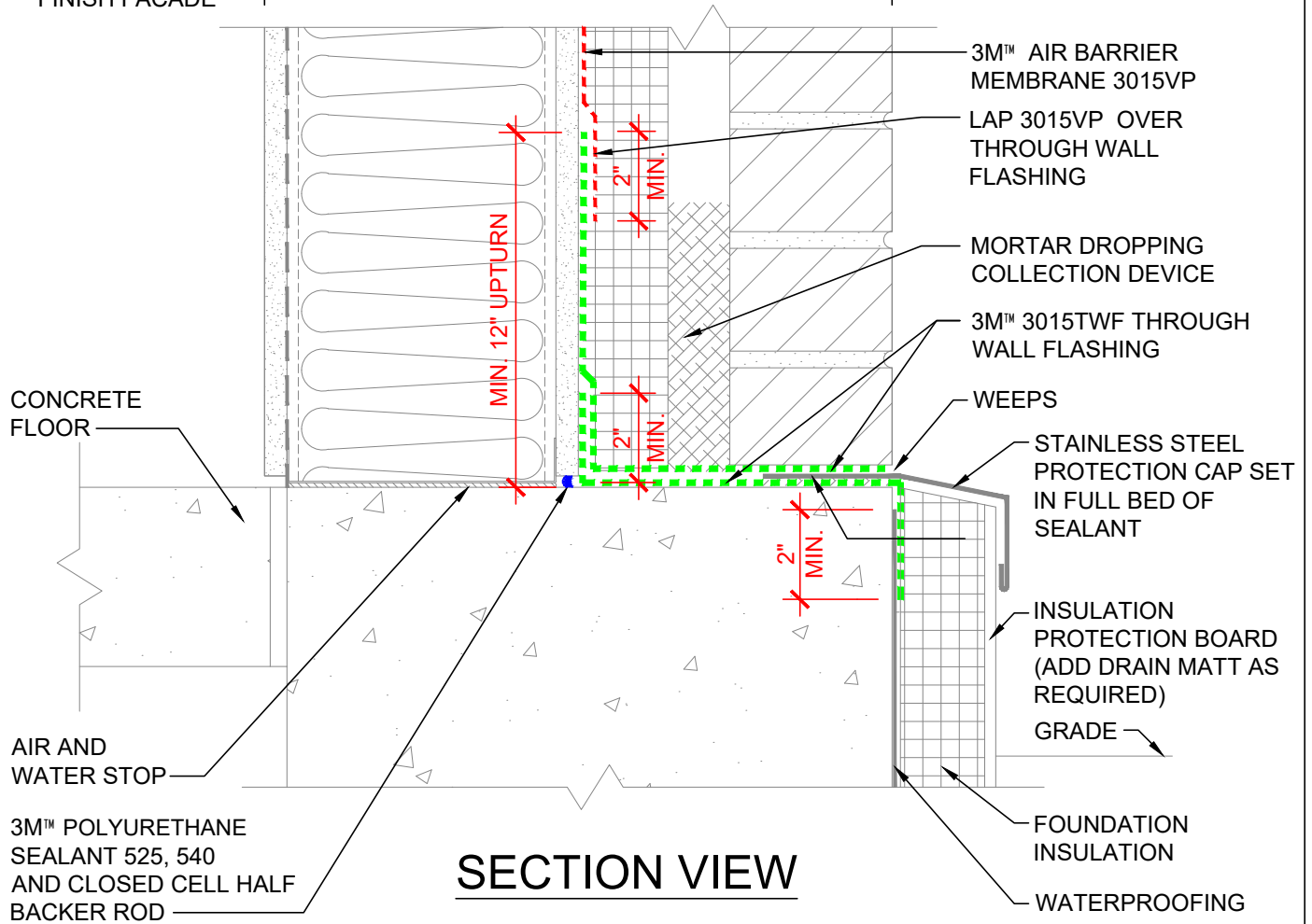
## Vapor permeable Self-adhered Membrane

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 MEMBRANE 3015VP
- 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 Barrier Membrane 3015VP**



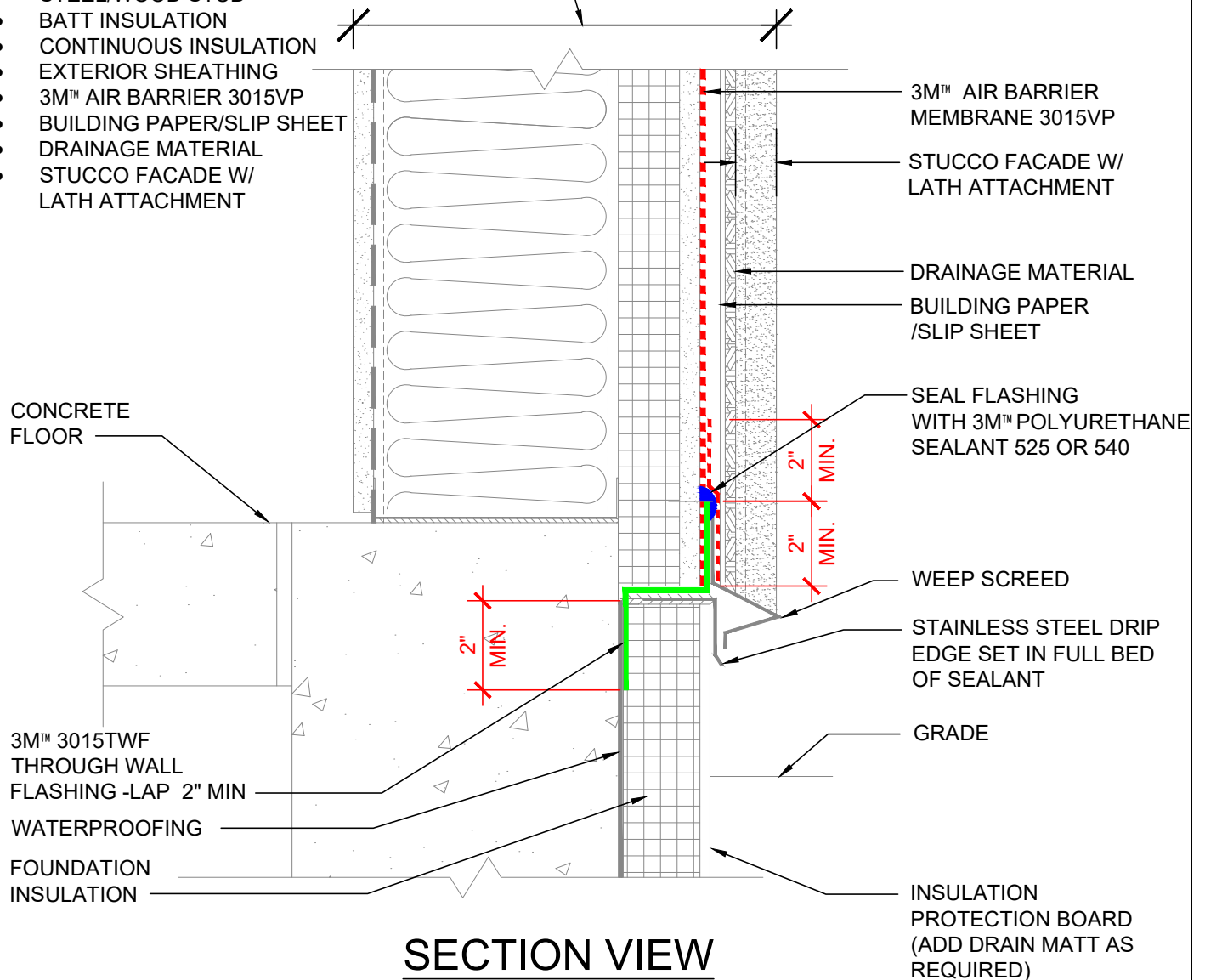
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015VP, 3015TWF AND 525/540	09/03/19	3015VP -1.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL BASE (IN SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: J.M.B. / D.N.C.	

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



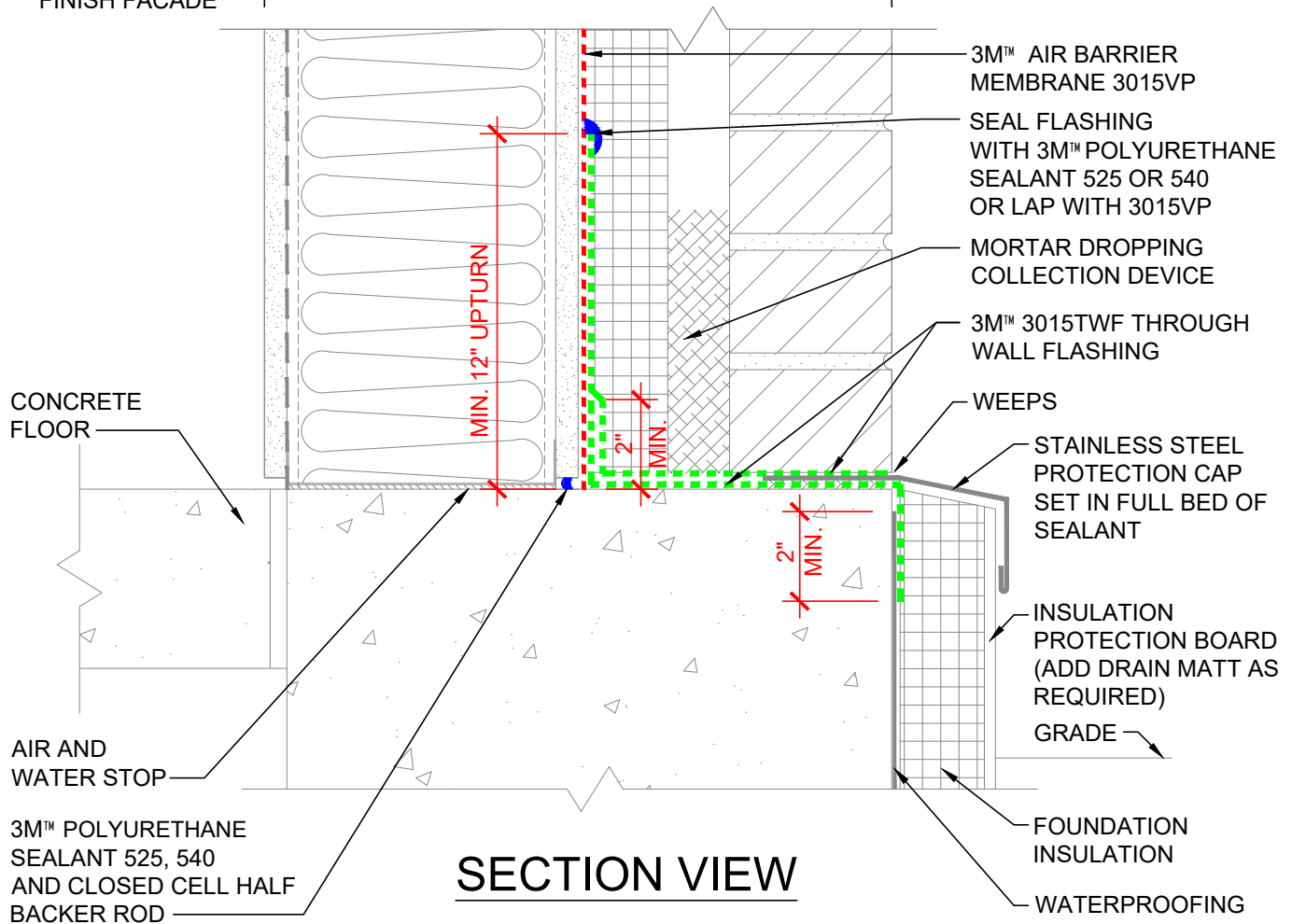
PROJECT NAME:	DATE: 08/28/19	DETAIL No:
SYSTEM MATERIAL: 3015VP, 3015TWF AND 525/540	SCALE: N.T.S.	3015VP
TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD AT WALL BASE	DRAWN BY: D.N.C.	-1.0S

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



#### 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

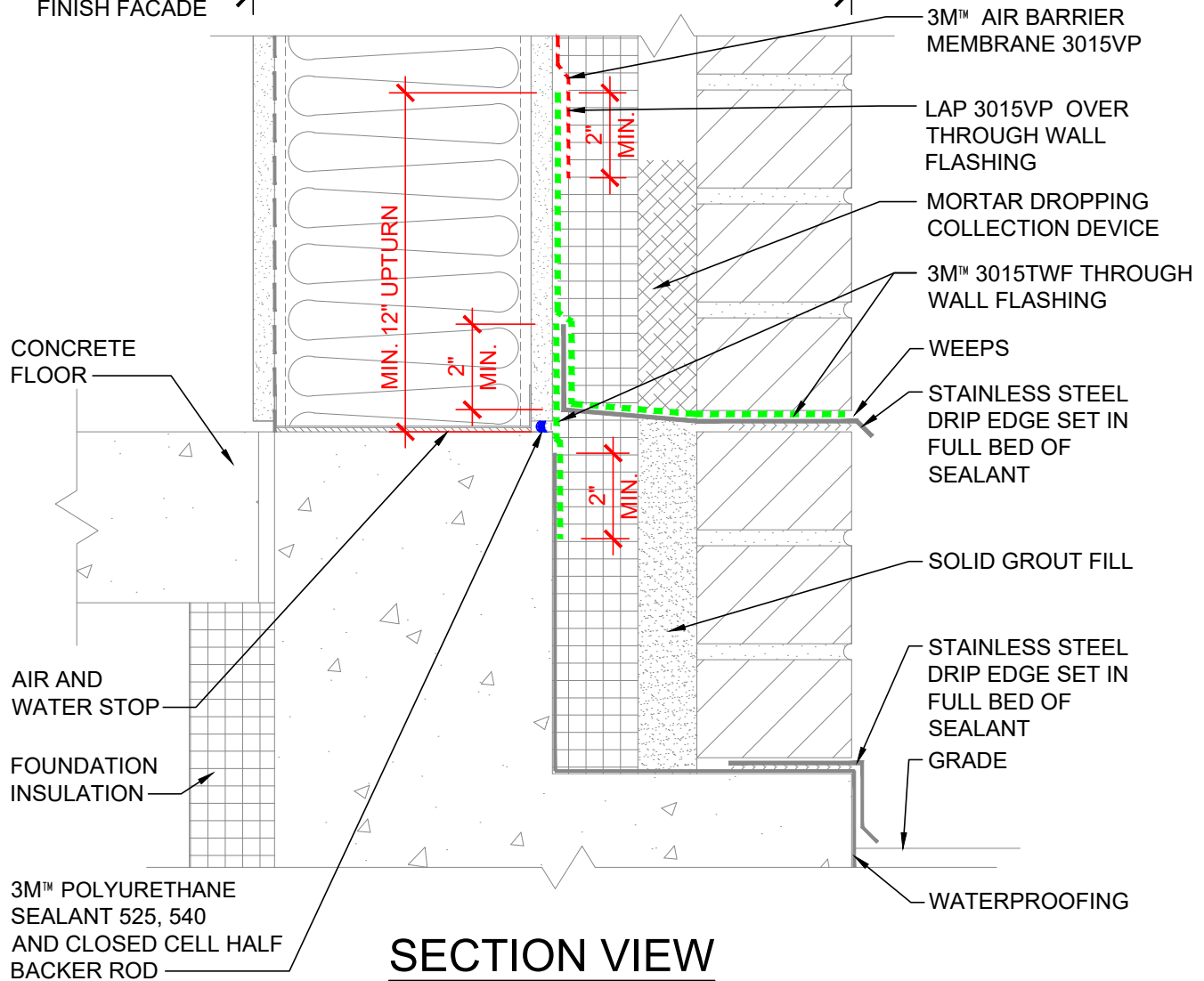


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015VP, 3015TWF AND 525/540	09/03/19	3015VP -1.1A
TITLE: BRICK VENEER / STEEL/WOOD STUD WALL BASE (OUT OF SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE: N.T.S.	
	DRAWN BY: J.M.B. / D.N.C.	

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



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

WRAP BLOCKING WITH 3M 3015LF OR 3015TWF

ROOF WATERPROOFING MEMBRANE

CONCRETE 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

COPING

WOOD BLOCKING AND COPING SUPPORT

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



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:
SYSTEM MATERIAL: 3015VP, 3015LF AND 3015TWF	SCALE: N.T.S.	3015VP
TITLE: STUCCO EXTERIOR STEEL/WOOD STUD WALL PARAPET	DRAWN BY: D.N.C.	-2.0S

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

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



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.

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 ANCHOR  
IN 3M™ POLYURETHANE  
SEALANT 525 OR 540

CAP SEAL MEMBRANE  
WITH 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

LAP 3015VP OVER  
THROUGH WALL  
FLASHING

3M™ THROUGH-WALL  
FLASHING 3015TWF

STAINLESS STEEL  
DRIP EDGE SET IN  
FULL BED OF SEALANT

SHELF ANGLE

WEEPS

COMPRESSIBLE FILLER,  
CLOSED CELL BACKER  
ROD, AND SEALANT

MORTAR DROPPING  
COLLECTION DEVICE

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.
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.	

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

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 -4.0A
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.



# 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

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:

SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540

TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)

DATE:

09/03/19

SCALE:

N.T.S.

DRAWN BY:

J.M.B. / D.N.C.

DETAIL No:

3015VP  
-4.0B

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, 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

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 -4.1A
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.	

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

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

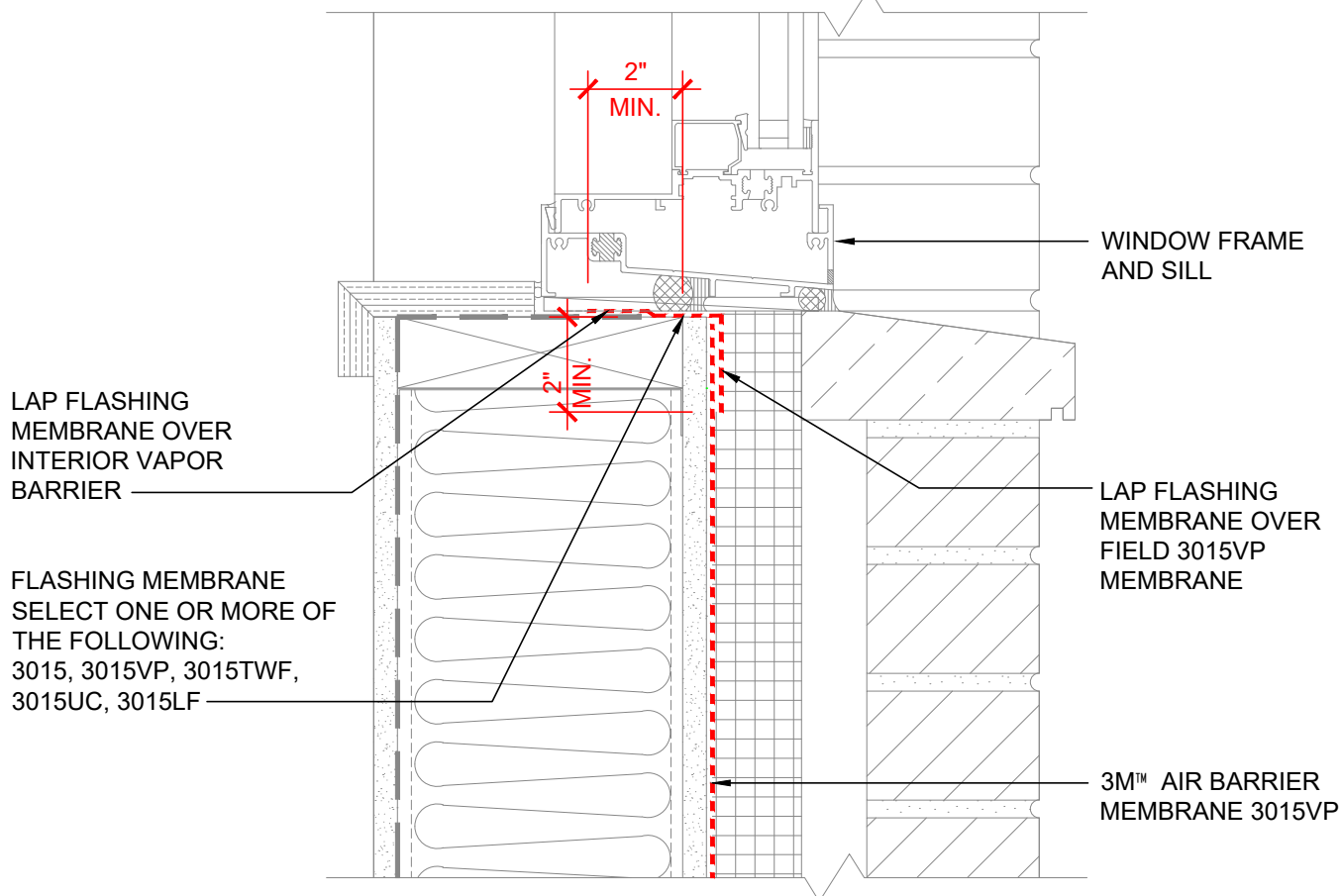


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540	09/03/19	3015VP -4.1B
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: J.M.B. / D.N.C.	

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:

- 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 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

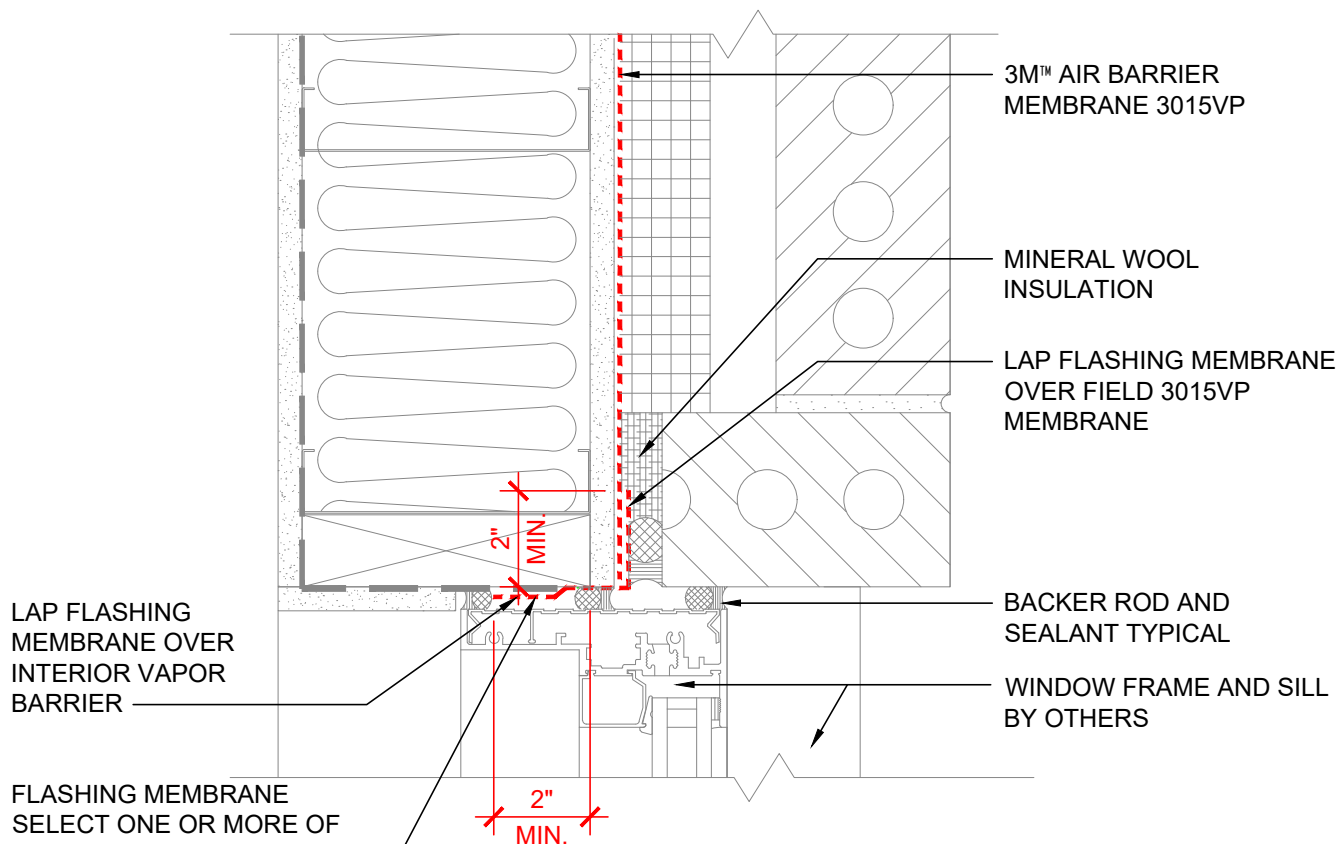


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, WITH 3015TWF, 3015UC AND/OR 3015LF	09/03/19	3015VP -5.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW SILL	SCALE:	
	N.T.S.	
	DRAWN BY:	
	J.M.B. / D.N.C.	

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 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

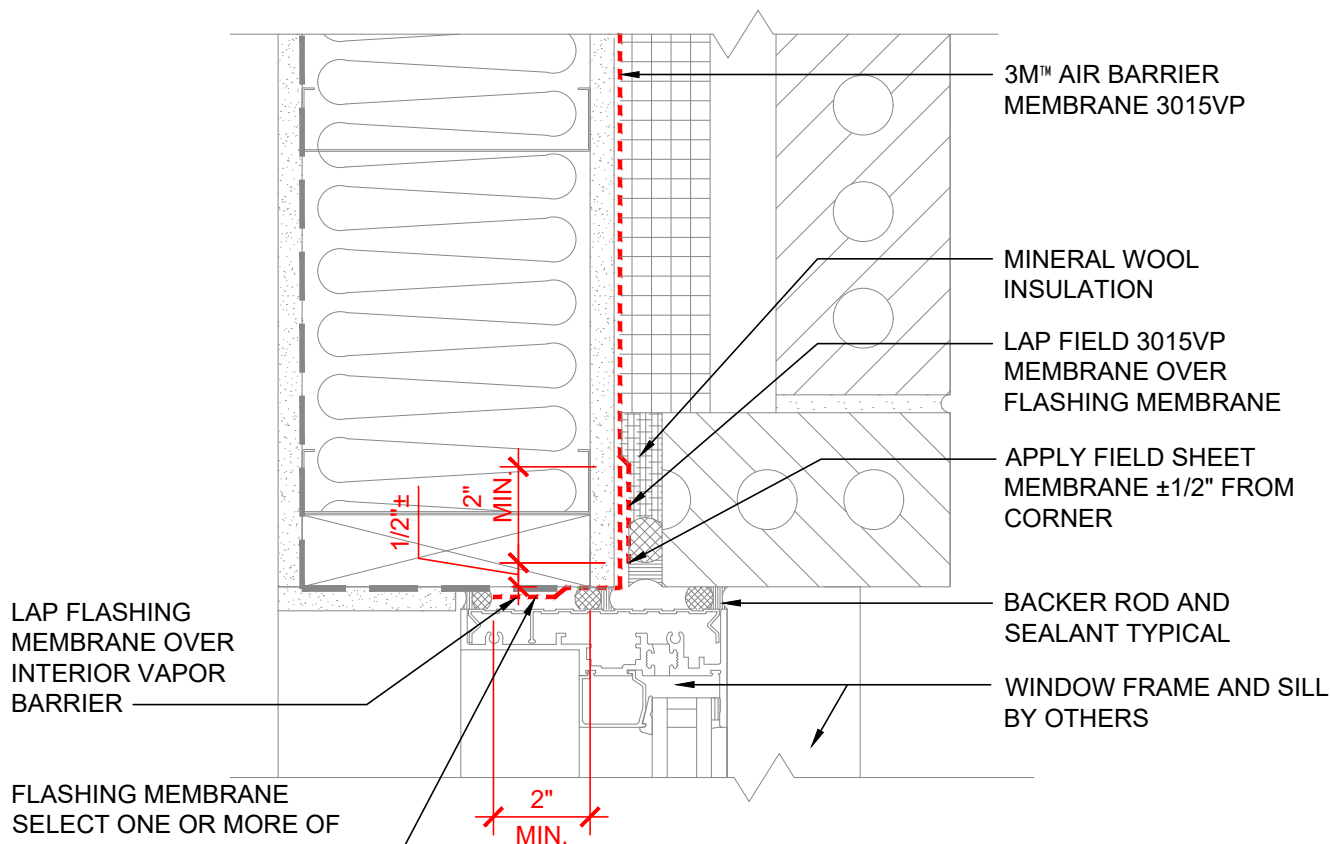


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC AND/OR 3015LF	09/03/19	3015VP -6.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL WINDOW JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE:	
	N.T.S.	
	DRAWN BY:	
	J.M.B. / D.N.C.	

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

## 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:

SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540

TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)

DATE:

09/03/19

SCALE:

N.T.S.

DRAWN BY:

J.M.B. / D.N.C.

DETAIL No:

3015VP  
-7.0B

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 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.	

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 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:

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 -7.1A
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.	

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

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:

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

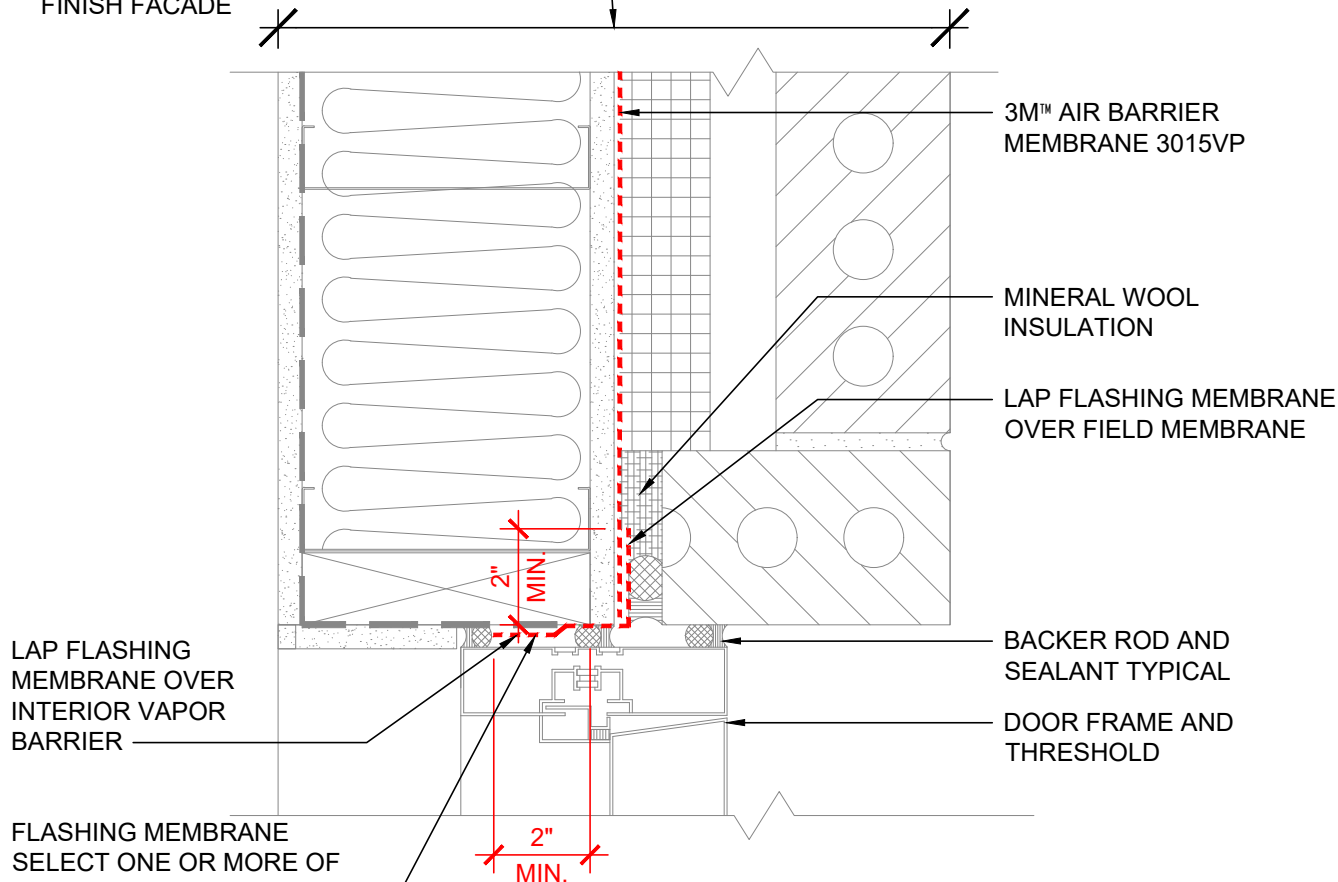


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540	09/03/19	3015VP -7.1B
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL ALUM. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: J.M.B. / D.N.C.	

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- 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 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

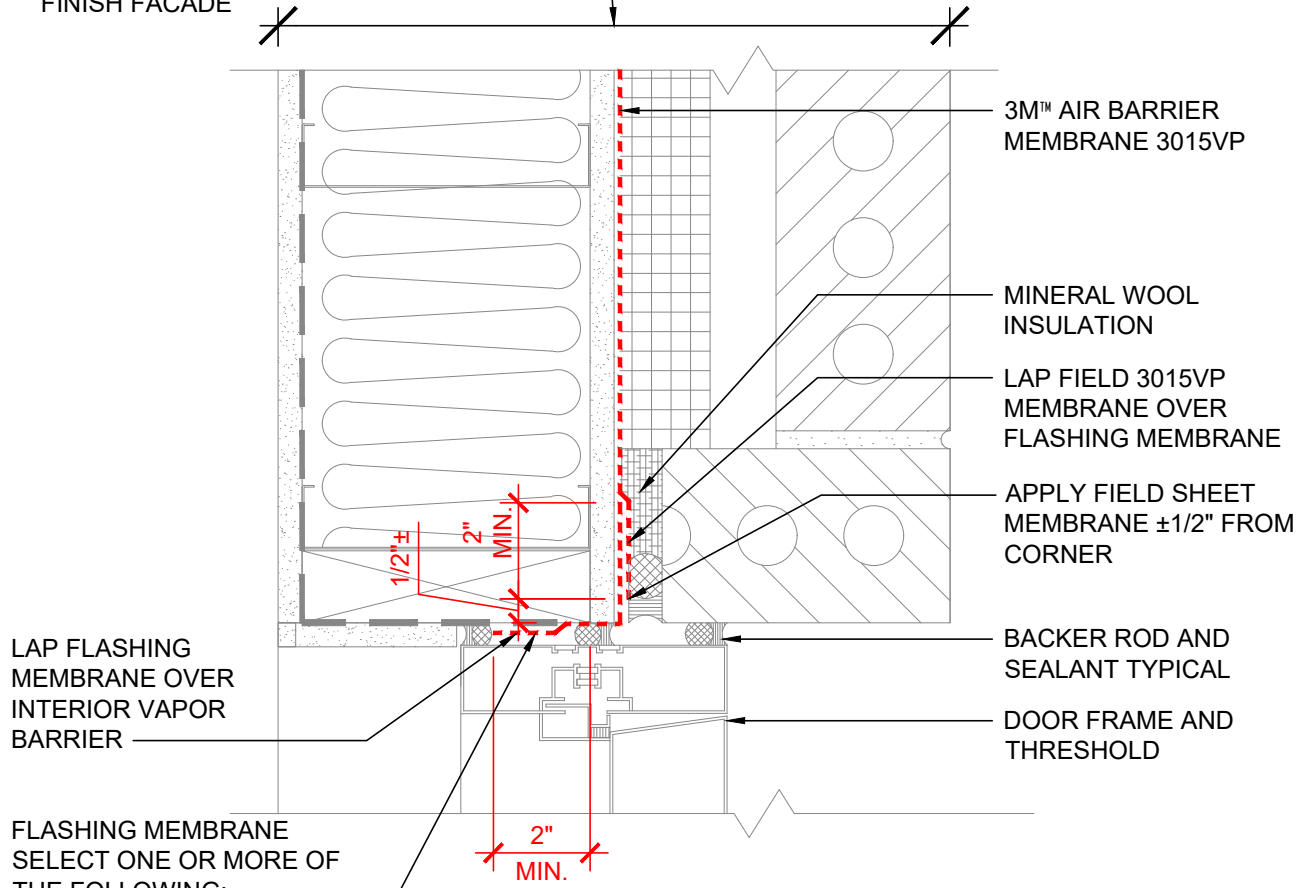


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540	09/03/19	3015VP -8.0A
TITLE: BRICK VENEER / STEEL STUD WALL ALUM. DOOR JAMB (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	SCALE:	
	N.T.S.	
	DRAWN BY:	
	J.M.B. / D.N.C.	

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



## 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

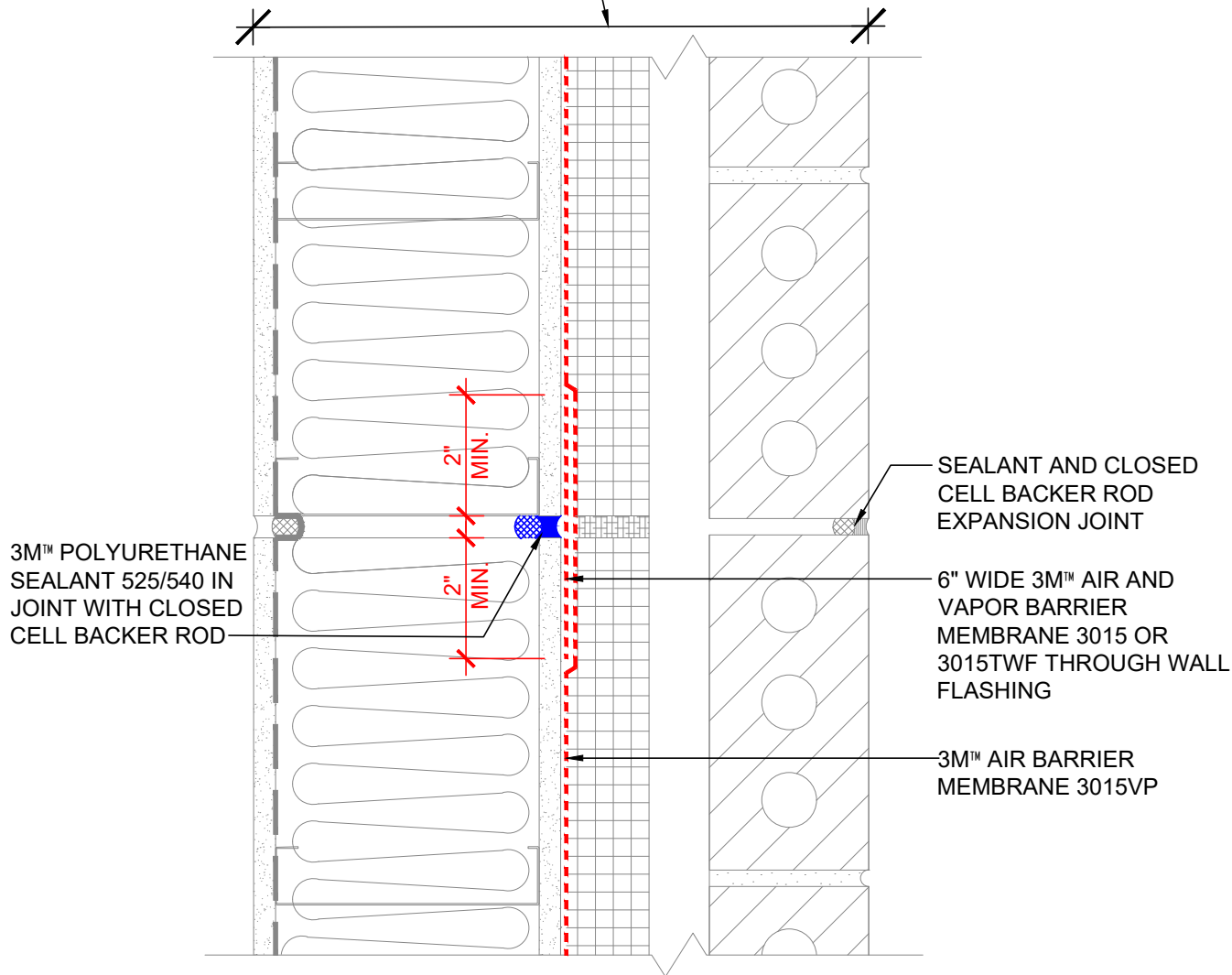


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540	09/03/19	3015VP -8.1A
TITLE: BRICK VENEER / STEEL STUD WALL ALUM. DOOR JAMB (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE:	
	N.T.S.	
	DRAWN BY:	
	J.M.B. / D.N.C.	

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:

- 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:**

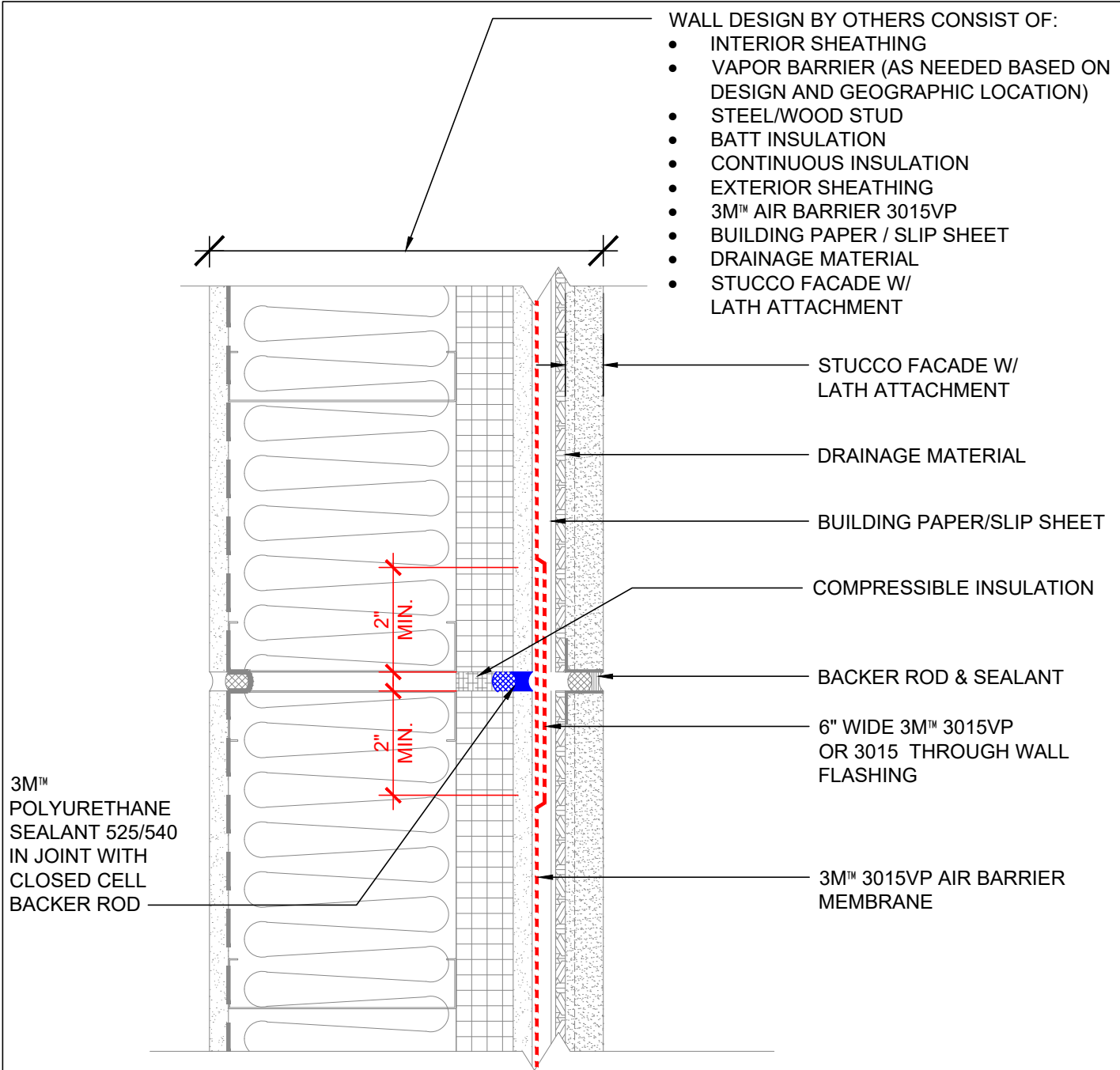
1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

### 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.	

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.



## 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



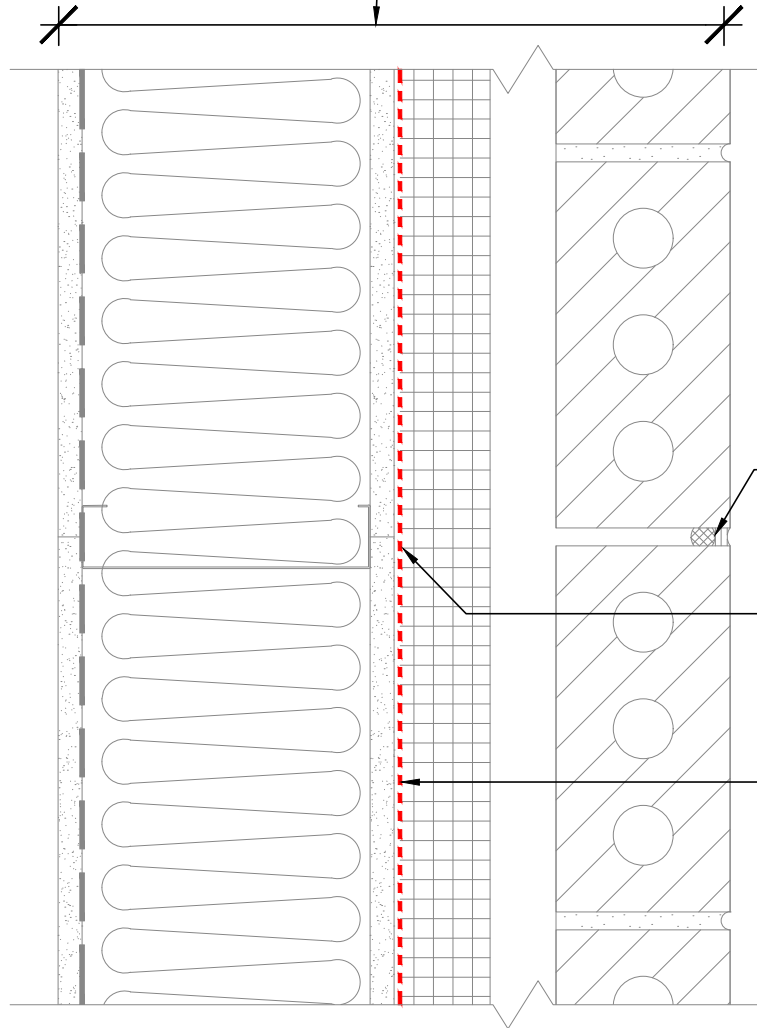
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015VP, 3015 TWF AND 525/545	08/28/19	3015VP -9.0S
TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL EXPANSION/ CONSTRUCTION JOINT	SCALE:	
	DRAWN BY:	
	D.N.C.	

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



SEALANT AND CLOSED CELL BACKER ROD CONTROL JOINT

NOTE:  
NO SPECIAL TREATMENT OF THE AIR BARRIER IS REQUIRED AT A CONTROL JOINT

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.

### 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.	

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.

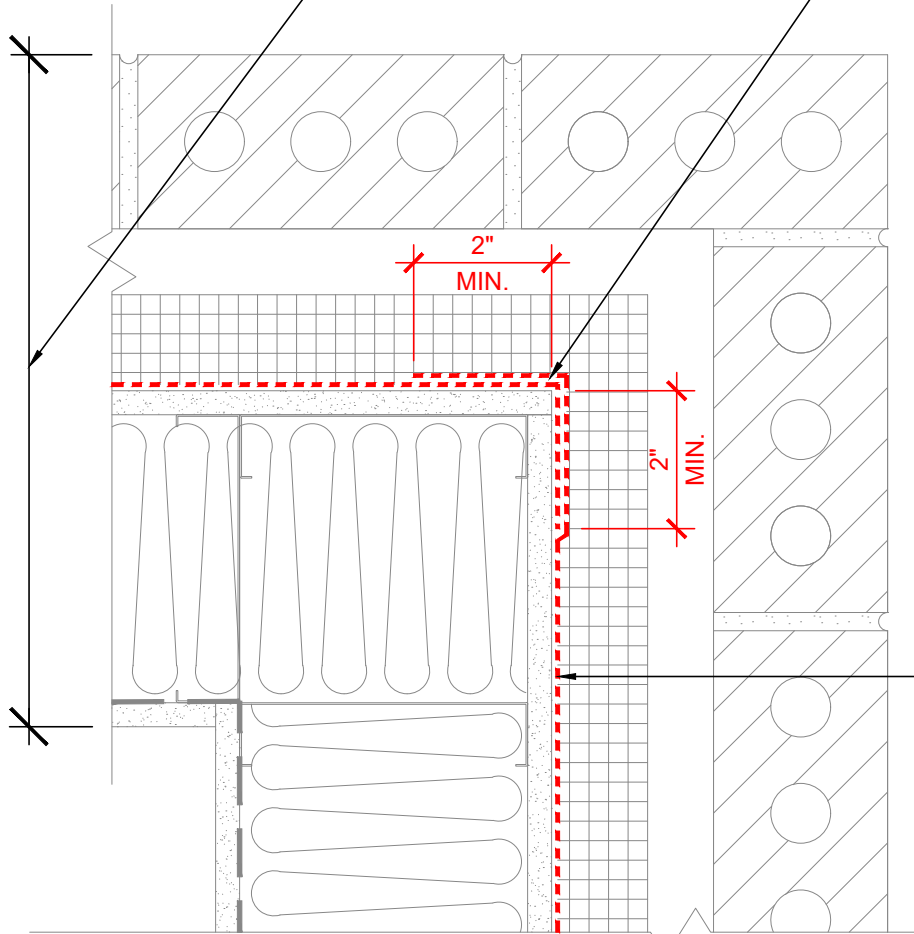
WALL DESIGN BY OTHERS CONSIST OF:

- 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 OUTSIDE CORNER (DEPICTED)

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



**PLAN VIEW**

**NOTES:**

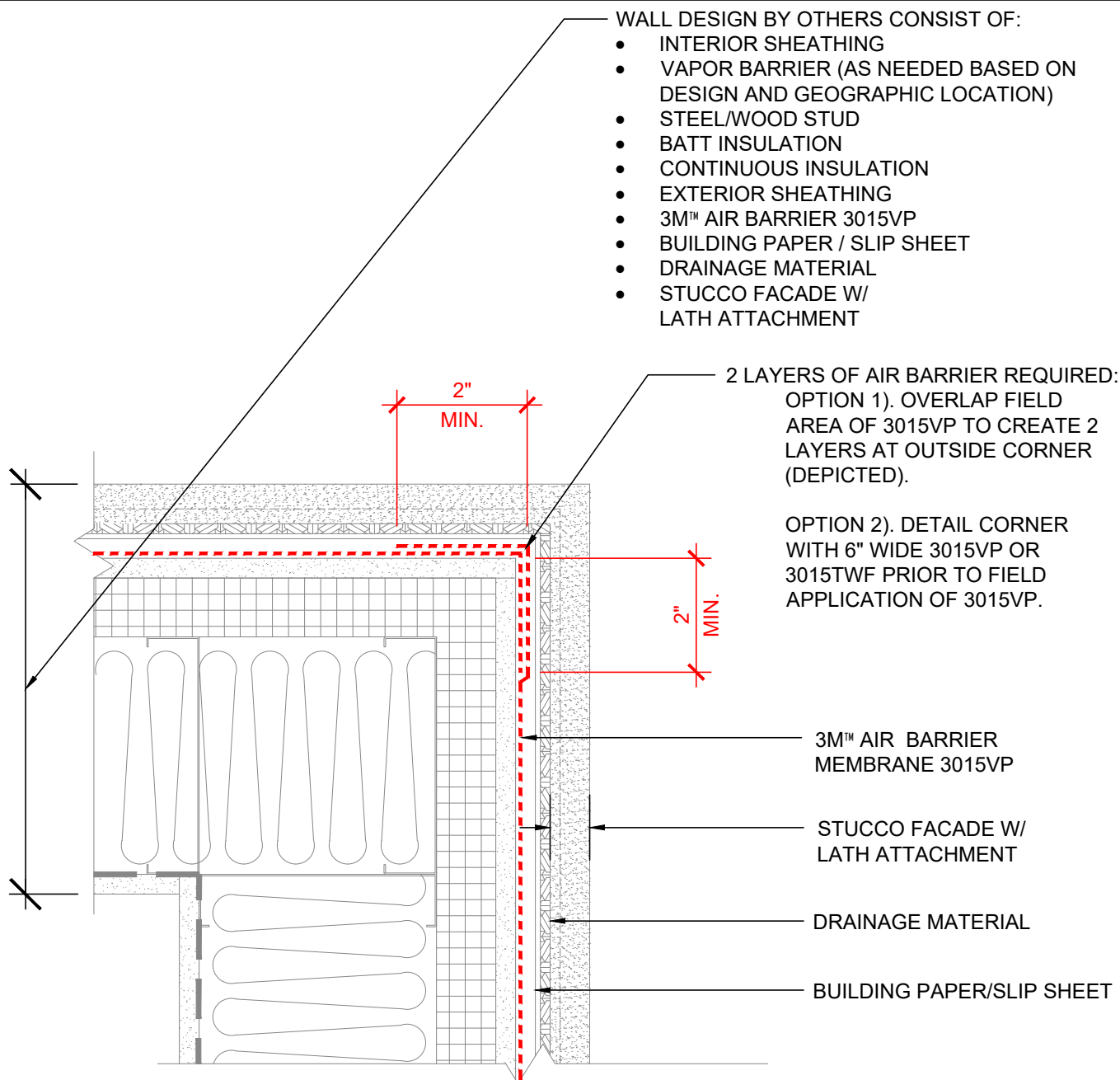
1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.

**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.	

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.



## 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.

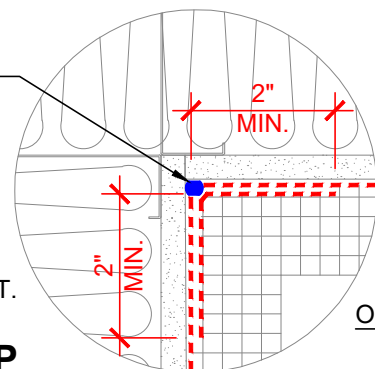
OPTION 3). 1ST LAYER 525 OR 540 SEALANT AT SEAM, 2ND LAYER 6" WIDE 3015VP OR 3015 TWF. (DEPICTED IN PARTIAL DETAIL)

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.

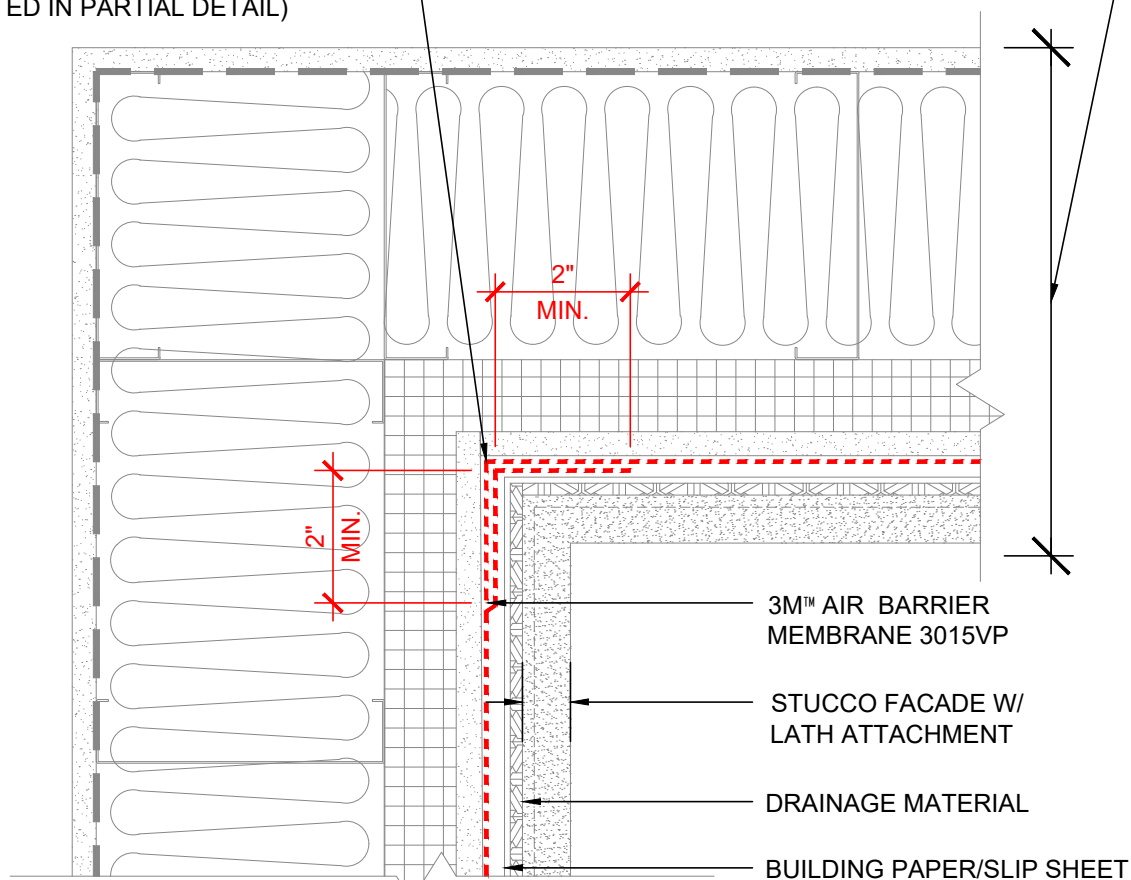
2 LAYERS OF AIR BARRIER REQUIRED:  
OPTION 1). OVERLAP FIELD AREA  
OF 3015VP TO CREATE 2 LAYERS  
AT INSIDE CORNER (DEPICTED).

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

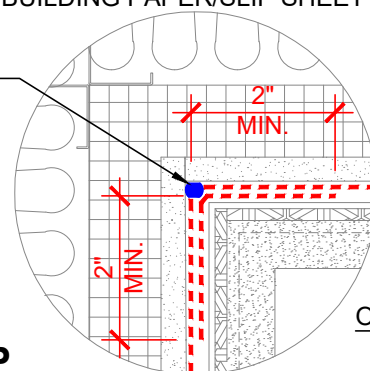


3M™ POLYURETHANE SEALANT  
525/540 IN CORNER AT SEAM

## PLAN VIEW

### 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.



OPT. 3

## 3M™ Air Barrier Membrane 3015VP



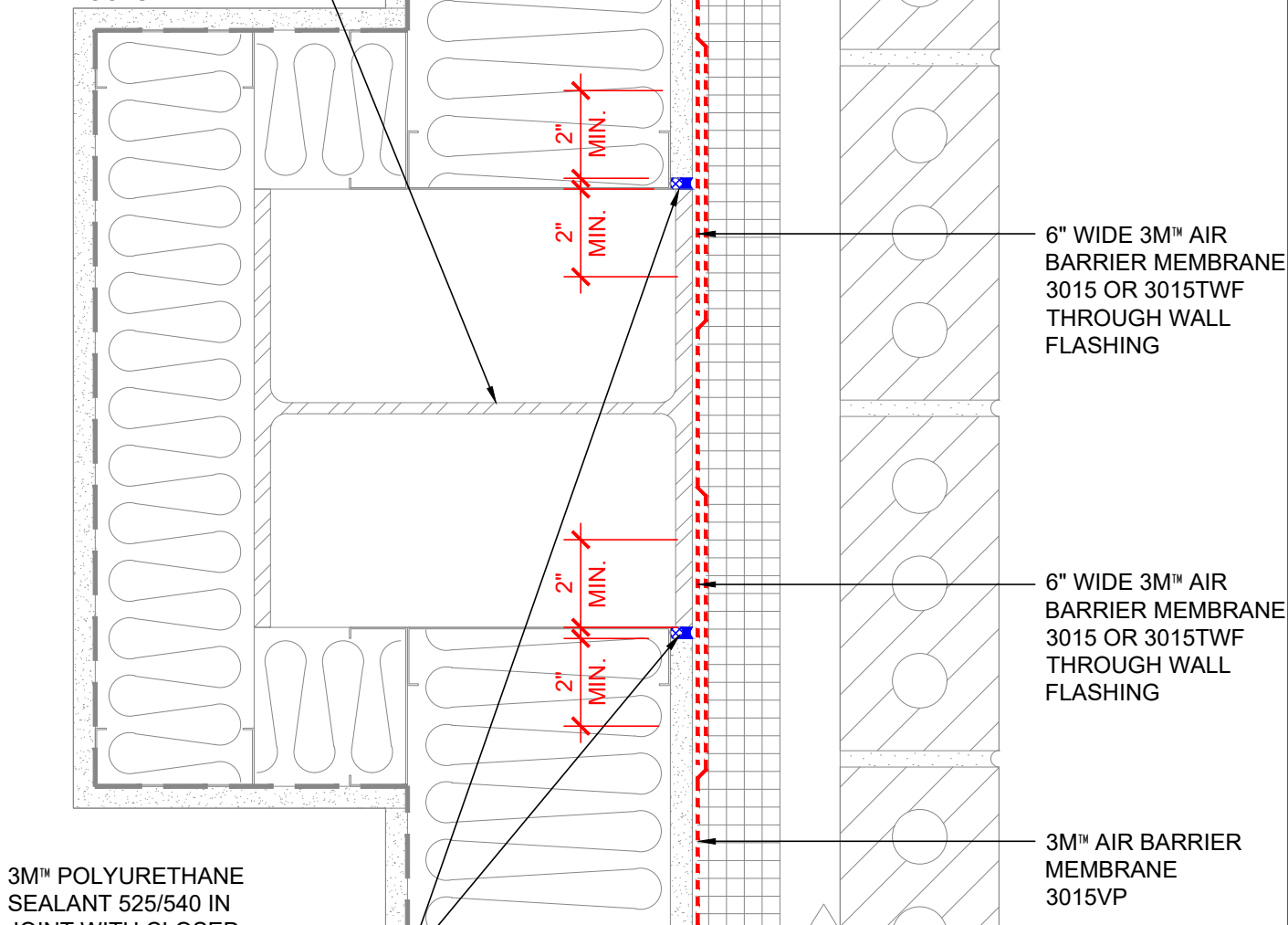
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015VP, 3015 TWF AND 525/540	08/28/19	3015VP -12.0S
TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL INTERIOR CORNER	SCALE:	
	N.T.S.	
	DRAWN BY:	
	D.N.C.	

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



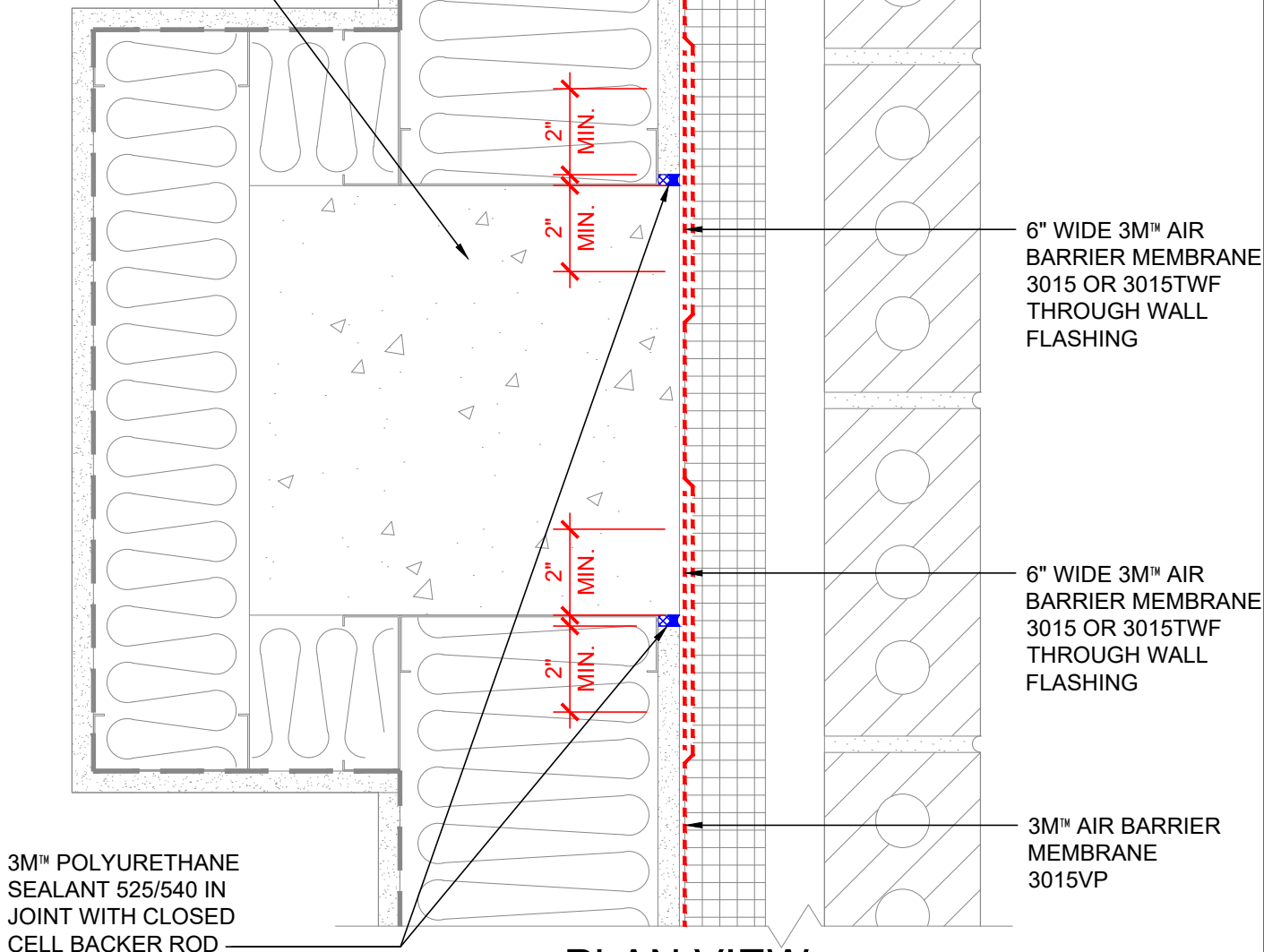
PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, 3015TWF AND 525/540	09/03/19	3015VP -13.0A
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL STEEL COLUMN CONNECTION	SCALE:	
	N.T.S.	
	DRAWN BY:	
	J.M.B. / D.N.C.	

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



## 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

3M™ POLYURETHANE  
SEALANT 525 OR  
540

3M™ AIR BARRIER  
MEMBRANE 3015VP

APPLY CONTINUOUS  
APPLICATION OF  
3015UC. LAP 1" ONTO  
SUBSTRATE AND  
THROUGH WALL  
PENETRATION

BACKER ROD &  
SEALANT TYPICAL

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

APPLY CONTINUOUS  
APPLICATION OF  
3015UC. LAP 1" ONTO  
SUBSTRATE AND  
THROUGH WALL  
PENETRATION

3M™ AIR BARRIER  
MEMBRANE 3015VP

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

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. 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:

SYSTEM MATERIAL: 3015VP, 3015UC AND  
525/540

TITLE: BRICK VENEER / STEEL / WOOD STUD  
WALL THROUGH WALL PIPE OR DUCT  
PENETRATION

DATE:

09/03/19

SCALE:

N.T.S.

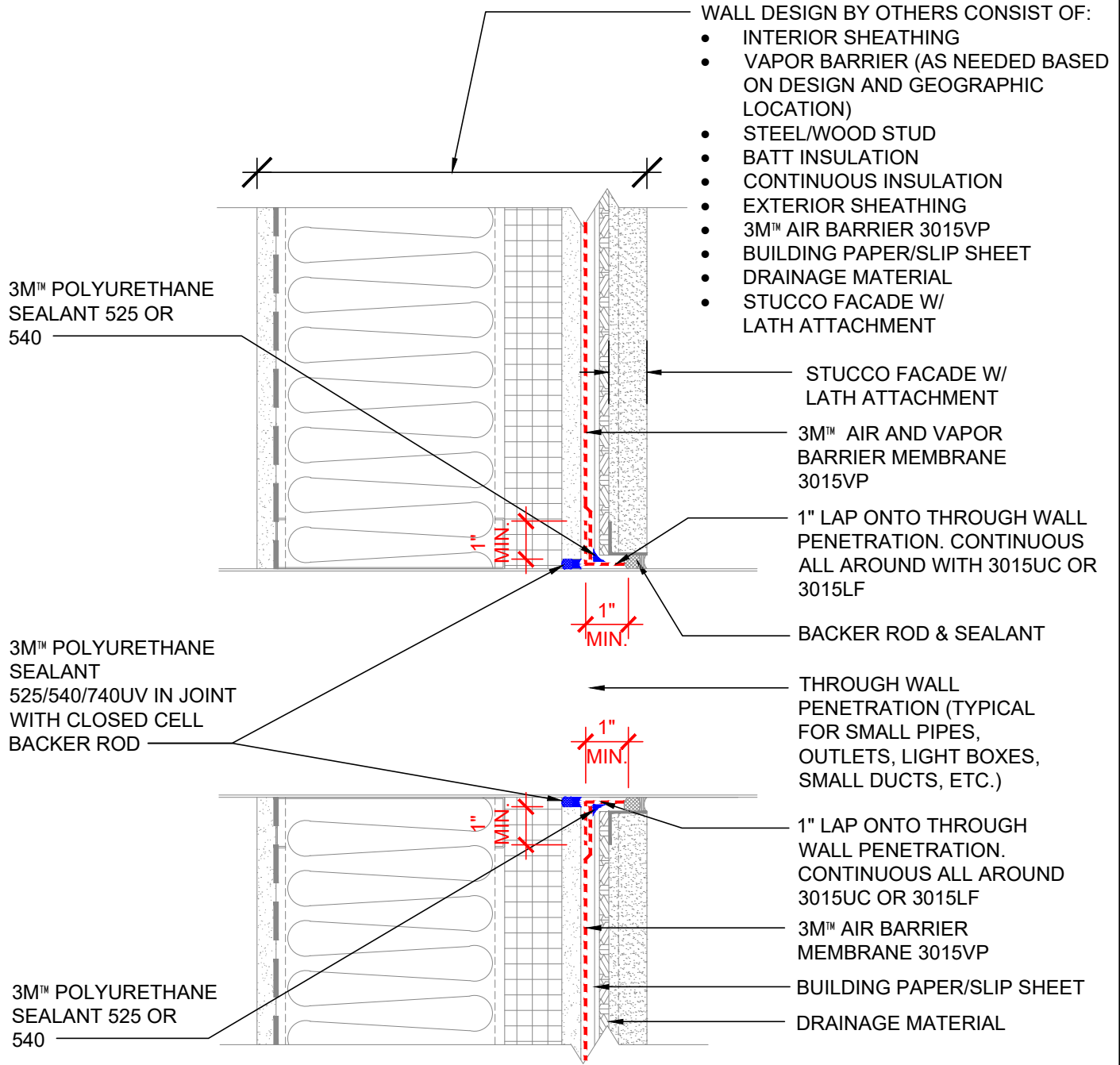
DRAWN BY:

J.M.B. / D.N.C.

DETAIL No:

3015VP  
-15.0A

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.



## 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

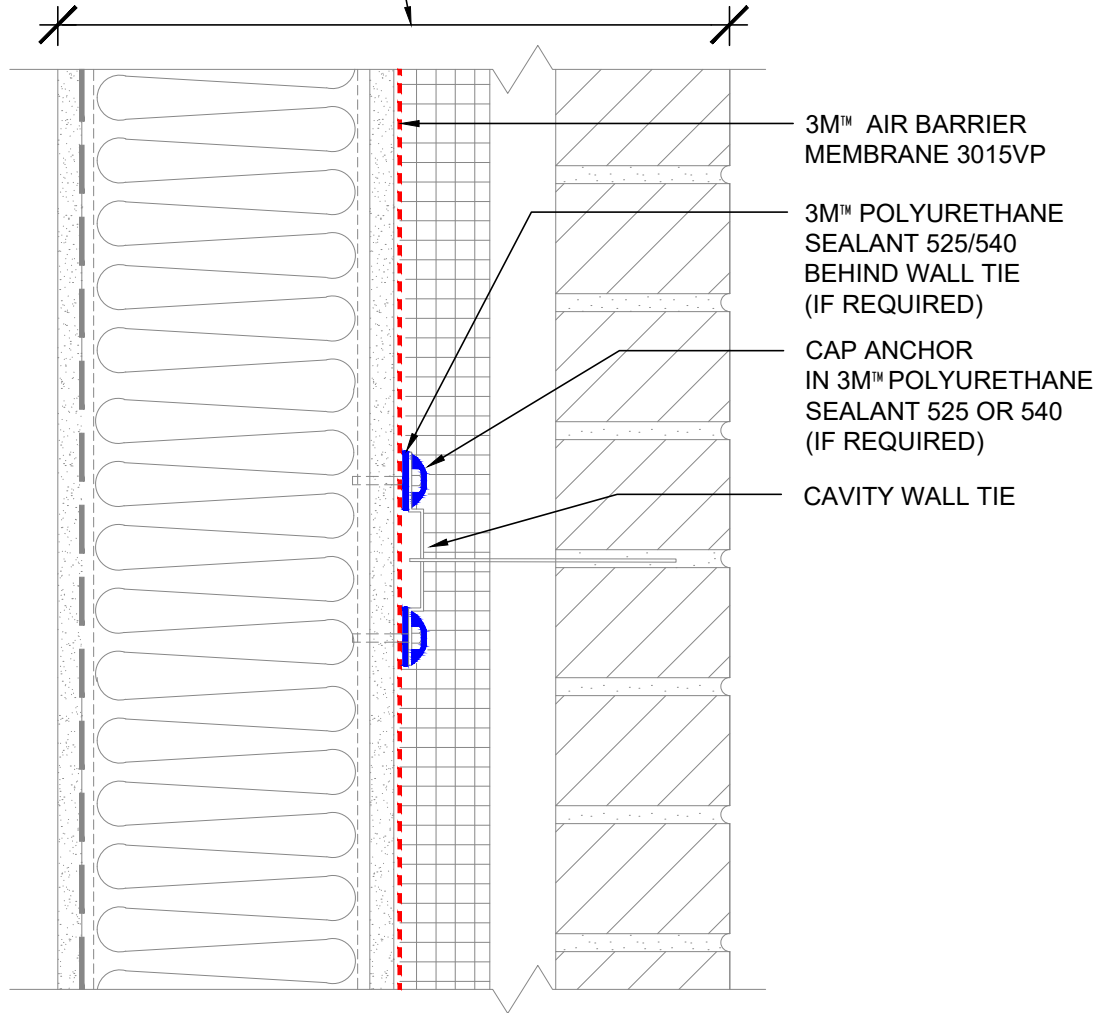


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015VP, 3015UC, 3015LF AND 525/540/740UV	08/28/19	3015VP -15.0S
TITLE: STUCCO EXTERIOR / STEEL / WOOD STUD WALL TYPICAL THROUGH WALL PENETRATION	SCALE:	
	N.T.S.	
	DRAWN BY:	
	D.N.C.	

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:**

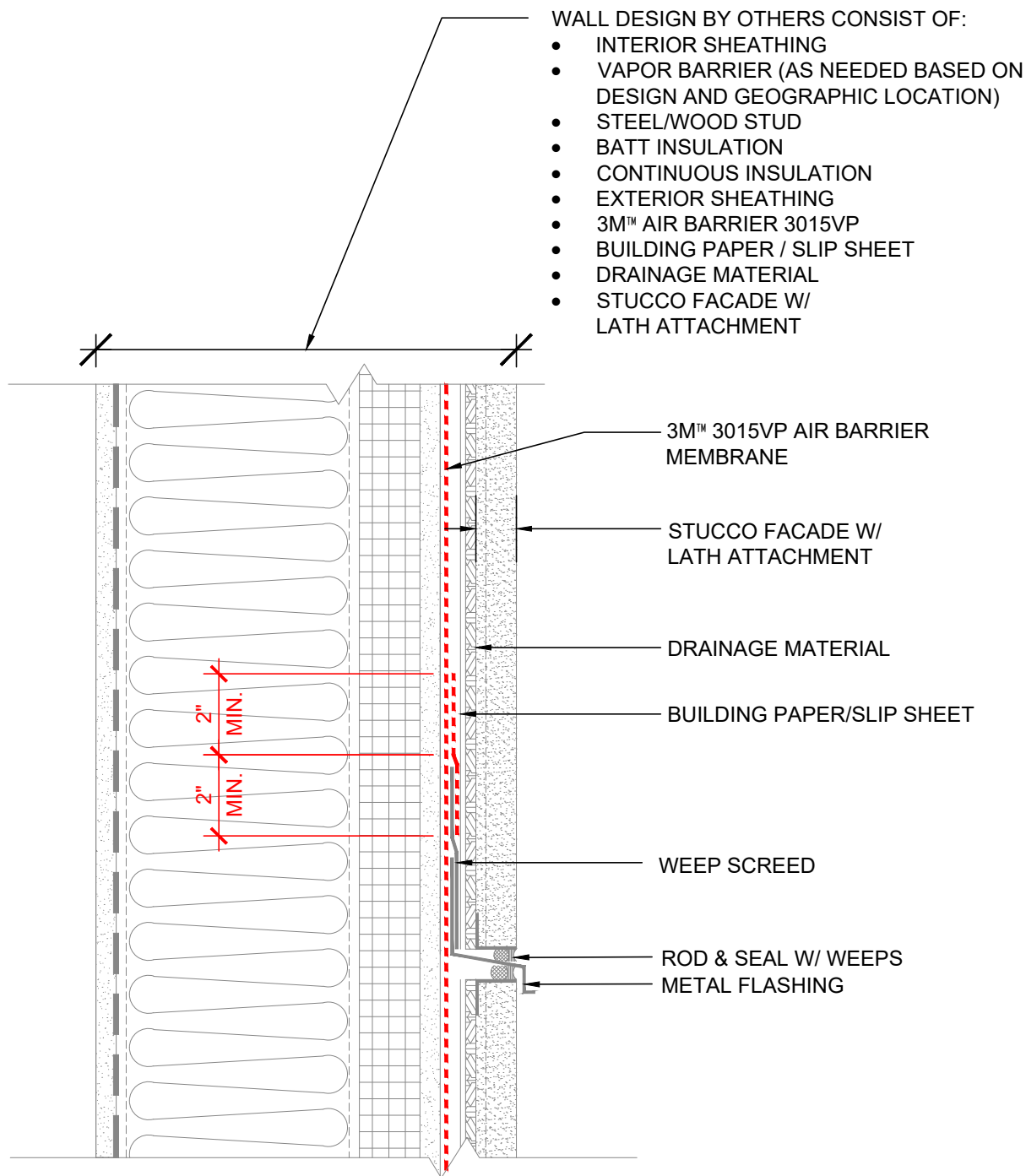
1. LAP JOINTS AND SEAMS IN MEMBRANE SYSTEM A MINIMUM OF 2".
2. FOR NEGATIVE LAPS, SEAL TOP EDGE WITH 3M™ 525 OR 540 SEALANT.
3. VALIDATE PERFORMANCE OF FASTENERS FOR SEALING REQUIREMENTS.

### 3M™ Air Barrier Membrane 3015VP



PROJECT NAME:	DATE:	DETAIL No:  <b>3015VP -16.0A</b>
SYSTEM MATERIAL: 3015VP AND 525/540	09/03/19	
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.



## SECTION VIEW

### 3M™ Air Barrier Membrane 3015VP



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

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

GROUT OR INSUL. FILL AS PER ARCH. DESIGN

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

H.M. DOOR AND 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. 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	SCALE:	
H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (IN SEQUENCE - FIELD FIRST, FLASHING SECOND)	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

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

H.M. DOOR AND 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. 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

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

LAP FIELD 3015VP MEMBRANE OVER FLASHING MEMBRANE

GROUT OR INSUL. FILL AS PER ARCH. DESIGN

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

H.M. DOOR AND 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. 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	SCALE:	
H.M. DOOR HEAD W/ ANGLE BEHIND INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	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

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

H.M. DOOR AND 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. 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

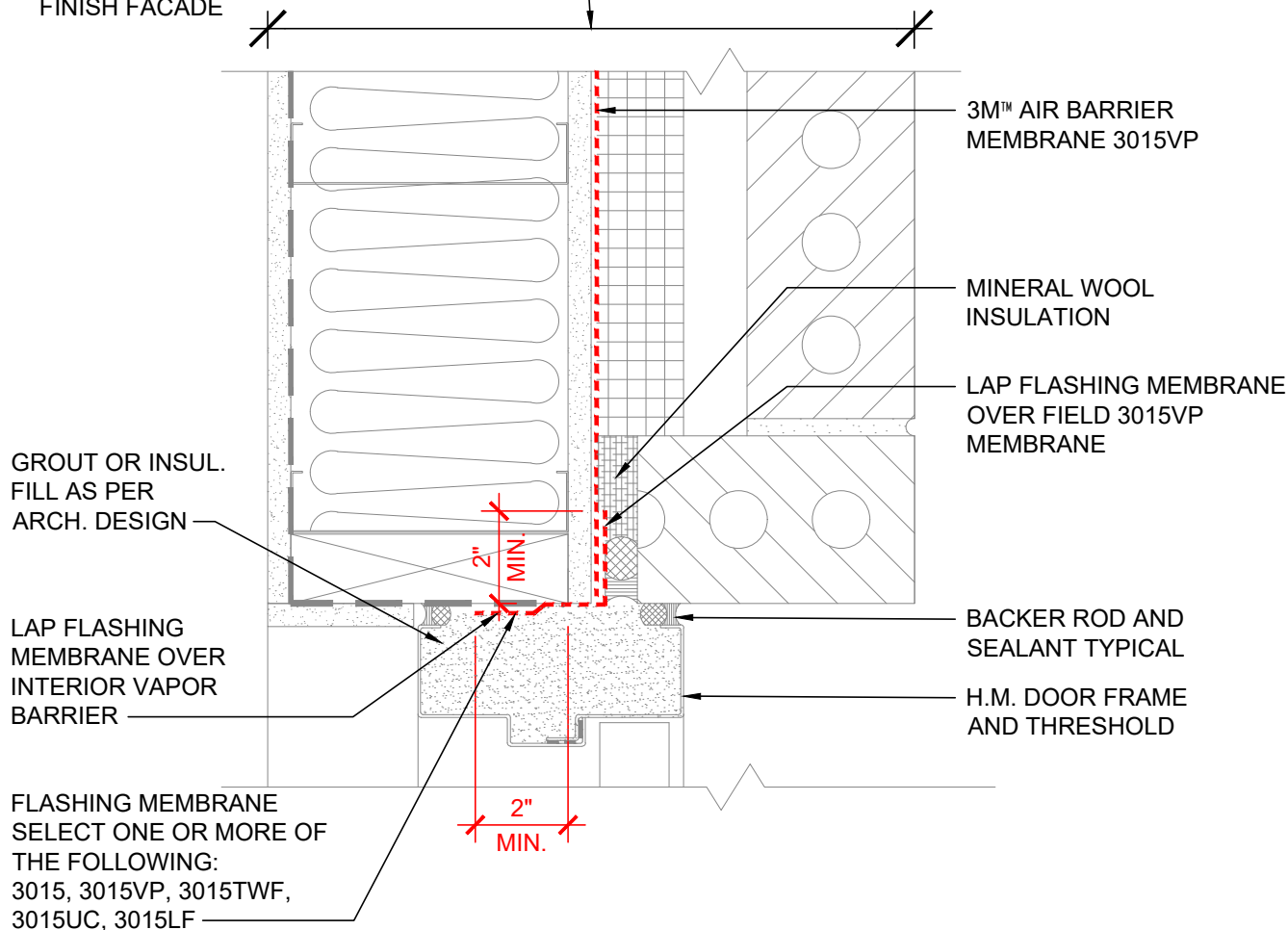


PROJECT NAME:	DATE:	DETAIL No:
SYSTEM MATERIAL: 3015, 3015VP, 3015TWF, 3015UC, 3015LF AND 525/540	09/03/19	3015VP -17.1B
TITLE: BRICK VENEER / STEEL / WOOD STUD WALL H.M. DOOR HEAD W/ ANGLE IN FRONT OF INSUL. (OUT OF SEQUENCE - FLASHING FIRST, FIELD SECOND)	SCALE: N.T.S.	
	DRAWN BY: J.M.B. / D.N.C.	

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.

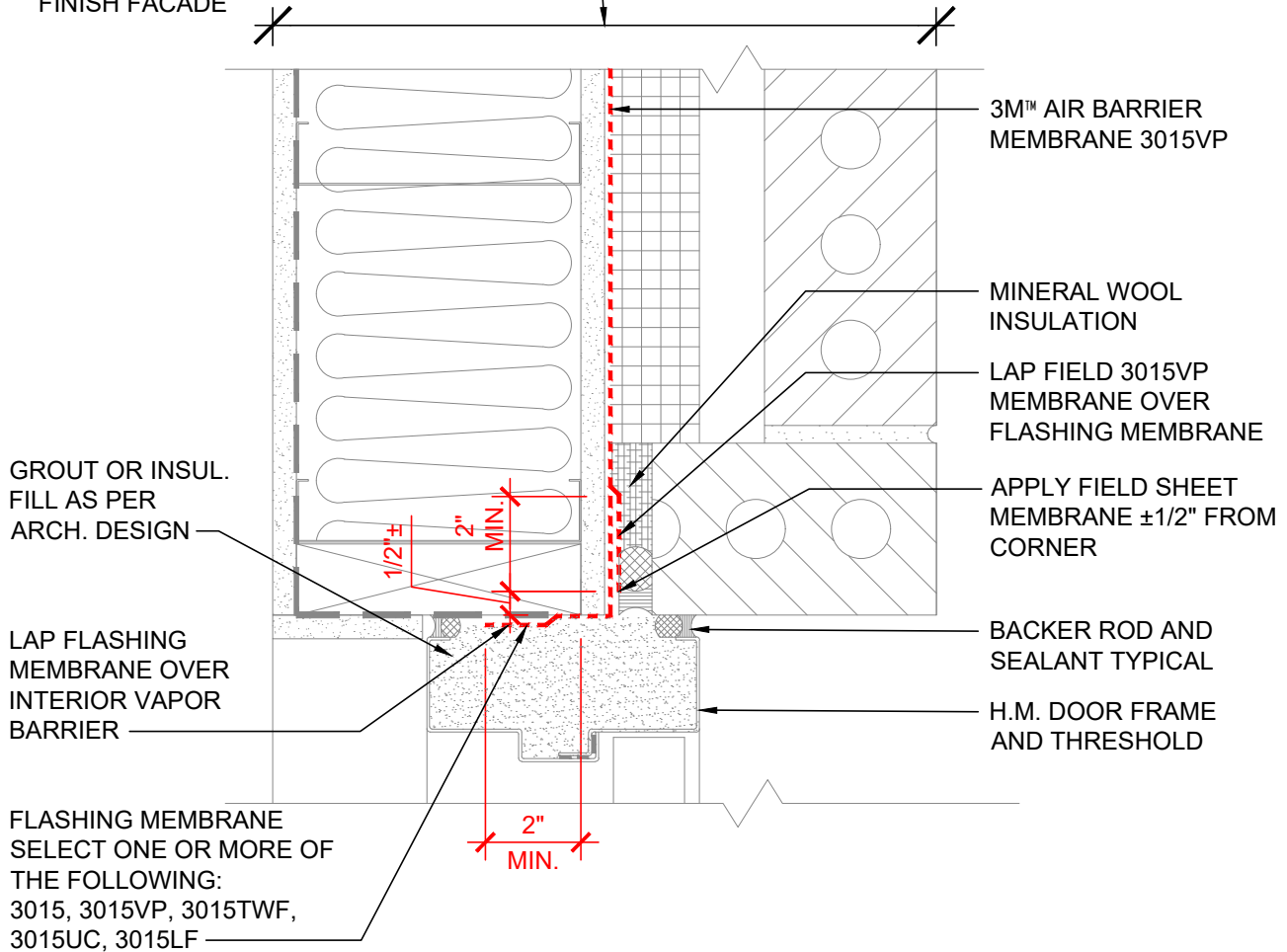
### 3M™ Air Barrier Membrane 3015VP



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.