

AIR BARRIER NOTES:

1. TREAT SHEATHING BOARD JOINTS WITH SIKAFLEX 11FC SEALANT, TREAT CONNECTIONS BETWEEN DISSIMILAR MATERIALS AND OUTSIDE CORNER DETAILS WITH SELF-ADHERED TRANSITION SEAM TAPE.
2. INSTALL SIKAGARD LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER OVER THE EXTERIOR FACE OF THE BACK-UP WALL SUBSTRATE SO AS TO PROVIDE A CONTINUOUS BARRIER TO STOP AIR MOVEMENT AND PREVENT WATER INTRUSION.
3. ACCEPTABLE BACK-UP WALL SUBSTRATES INCLUDE BUT NOT LIMITED TO DENSGLASS GOLD, PLYWOOD, CONCRETE AND CONCRETE BLOCK.
4. PENETRATIONS OF THE AIR BARRIER SYSTEM SHALL BE SEALED WITH SIKAFLEX 11FC SEALANT TO MAINTAIN THE INTEGRITY OF THE AIR BARRIER SYSTEM OVER THE ENTIRE SURFACE.
5. PROVIDE A FEATHEREDGE OF COMPATIBLE SEALANT OR COATING OF LIQUID APPLIED AIR BARRIER MATERIAL OVER THE LEADING EDGE OF MEMBRANE FLASHINGS TO DIRECT WATER OUT.
6. REFER TO SIKA TECHNICAL DATA SHEETS AND GUIDE SPECIFICATIONS FOR RECOMMENDED INSTALLATION PROCEDURES AND COMPATIBLE SEALANTS.
7. DETAIL REPRESENTS GENERAL ARRANGEMENT OF MATERIALS ASSEMBLIES, PROJECT SPECIFICATIONS GOVERN. DO NOT SCALE.

ROOF NOTES:

- 1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
- 2) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4-INCHES WIDE.
- 3) TRANSITION SEQUENCE: 1) INSTALL THE SARNAFIL FLASHING MEMBRANE AND FINAL TERMINATION. 2) PRIME WITH SIKAFLEX PRIMER 449 AND APPLY A 3/8" BEAD OF SIKAFLEX 11FC ALONG THE EDGE OF THE SARNAFIL FLASHING MEMBRANE AND ALLOW TO CURE. 3) APPLY THE LIQUID AIR BARRIER TERMINATING ON THE BEAD OF SIKAFLEX 11FC.

ADHERED ROOF TO WALL AIR BARRIER TIE-IN



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JOB NAME:

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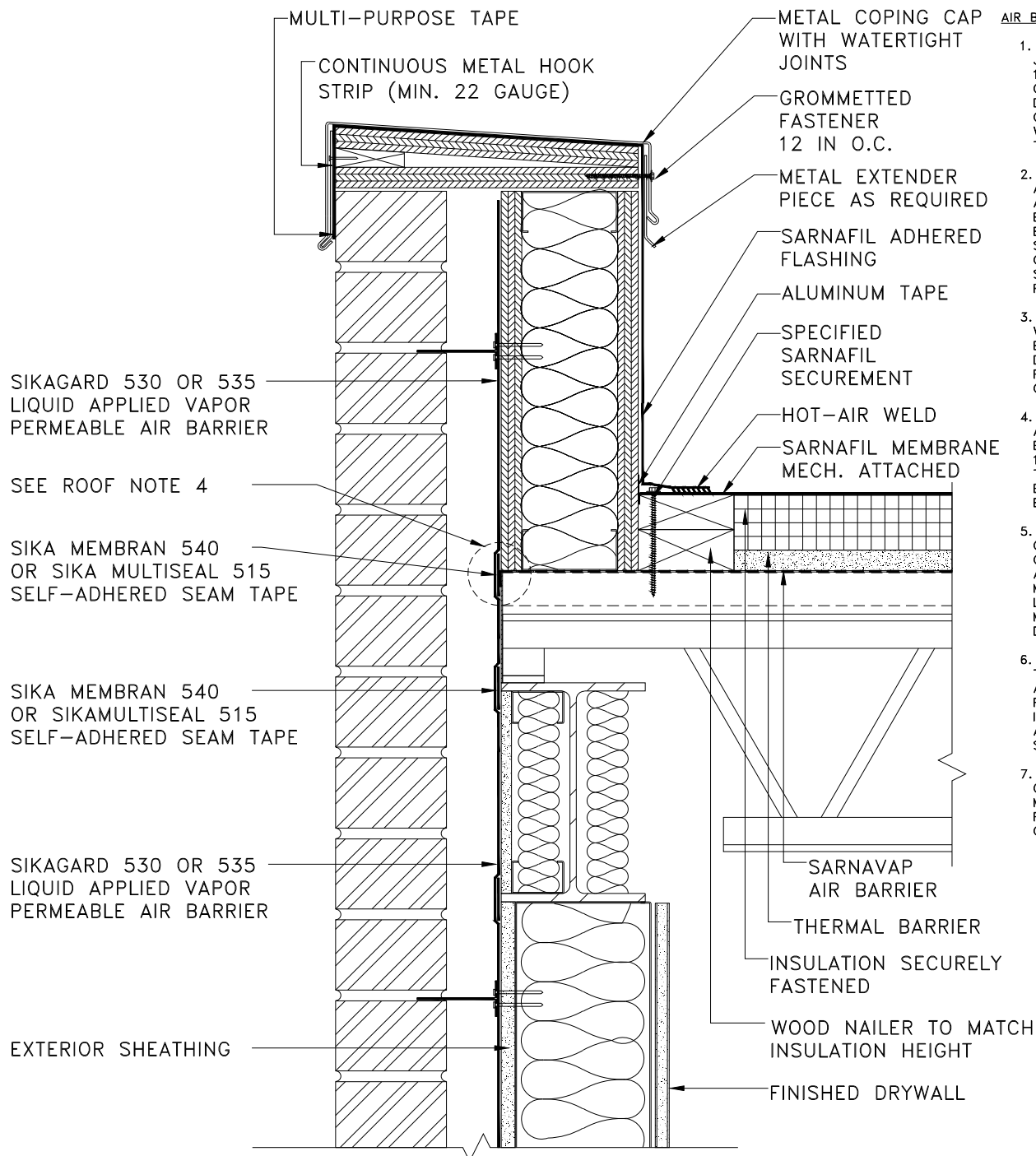
DATE: 3/13/18

FILE NO.:

DRW. NO.:

AB-1

AS A MEMBRANE MANUFACTURER, SIKA SARNAFIL, A DIVISION OF SIKA CORPORATION REVIEWS DETAILS PREPARED BY THE CONSULTANT, ARCHITECT AND/OR ENGINEER FOR A PROJECT SOLELY FOR THE PURPOSE OF DETERMINING IF A SIKA SARNAFIL WARRANTY MAY ISSUE FOR THE PROJECT. THIS REVIEW IS NOT TO BE CONSTRUED AS APPROVAL OF DETAILS BY SIKA SARNAFIL AND IS NOT BEING CONDUCTED IN LIEU OF SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND JUDGMENT AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE ROOFING OR WATERPROOFING SYSTEM. THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE ROOFING OR WATERPROOFING SYSTEM, FOR THE PREPARATION AND APPROVAL OF THE DETAILS AND SHOP DRAWINGS, AND FOR DETERMINING THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. WHILE SIKA SARNAFIL PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MEMBRANE AS WELL AS TRAINING FOR SIKA SARNAFIL AUTHORIZED APPLICATORS, THE MEANS AND METHODS USED BY THE CONTRACTOR FOR SURFACE PREPARATION AS WELL AS THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR IN THE INSTALLATION OF THE SIKA SARNAFIL MEMBRANE ARE THE RESPONSIBILITY OF THE CONTRACTOR.



AIR BARRIER NOTES:

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2. INSTALL SIKAGARD LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER OVER THE EXTERIOR FACE OF THE BACK-UP WALL SUBSTRATE SO AS TO PROVIDE A CONTINUOUS BARRIER TO STOP AIR MOVEMENT AND PREVENT WATER INTRUSION.
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5. PROVIDE A FEATHEREDGE OF COMPATIBLE SEALANT OR COATING OF LIQUID APPLIED AIR BARRIER MATERIAL OVER THE LEADING EDGE OF MEMBRANE FLASHINGS TO DIRECT WATER OUT.
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ROOF NOTES:

- 1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
- 2) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4-INCHES WIDE.
- 3) AIR BARRIER SHALL BE SEALED AT EDGES.
- 4) SARNAPAP AIR BARRIER IS INSTALLED AND TURNED DOWN THE WALL 3" AND THEN COVERED BY SIKA MEMBRAN 540 OR MULTISEAL 515 SELF ADHERED SEAM TAPE.

MECHANICALLY ATTACHED ROOF TO WALL AIR BARRIER TIE-IN



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DATE: 3/9/2018

FILE NO.:

DRW. NO.:

AB-2

AS A MEMBRANE MANUFACTURER, SIKA SARNAFIL, A DIVISION OF SIKA CORPORATION REVIEWS DETAILS PREPARED BY THE CONSULTANT, ARCHITECT AND/OR ENGINEER FOR A PROJECT SOLELY FOR THE PURPOSE OF DETERMINING IF A SIKA SARNAFIL WARRANTY MAY ISSUE FOR THE PROJECT. THIS REVIEW IS NOT TO BE CONSTRUED AS APPROVAL OF DETAILS BY SIKA SARNAFIL AND IS NOT BEING CONDUCTED IN LIEU OF SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND JUDGMENT AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE ROOFING OR WATERPROOFING SYSTEM, THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE ROOFING OR WATERPROOFING SYSTEM, FOR THE PREPARATION AND APPROVAL OF THE DETAILS AND SHOP DRAWINGS, AND FOR DETERMINING THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. WHILE SIKA SARNAFIL PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MEMBRANE AS WELL AS TRAINING FOR SIKA SARNAFIL AUTHORIZED APPLICATORS, THE MEANS AND METHODS USED BY THE CONTRACTOR FOR SURFACE PREPARATION AS WELL AS THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR IN THE INSTALLATION OF THE SIKA SARNAFIL MEMBRANE ARE THE RESPONSIBILITY OF THE CONTRACTOR.

SIKAGARD® 530 or 535 LIQUID
APPLIED VAPOR PERMEABLE AIR
BARRIER

SIKAFLEX® 11FC SEALANT
OVER LEADING EDGE OF FLASHING
MEMBRANE

SIKAMULTISEAL® PLUS
FLASHING MEMBRANE

SIKAFLEX® SEALANT

SIKA MEMBRAN® 540 OR
SIKAMULTISEAL® 515 SELF-ADHERED
TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED
VAPOR PERMEABLE AIR BARRIER

EXTERIOR SHEATHING

FINISHED DRYWALL

NOTES:

1. TREAT SHEATHING BOARD JOINTS WITH SIKAFLEX® 11FC SEALANT. TREAT CONNECTIONS BETWEEN DISSIMILAR MATERIALS AND CORNER DETAILS WITH SELF-ADHERED TRANSITION SEAM TAPE. IF THE GAP IS LESS THAN $\frac{1}{2}$ " AND THE EDGES ARE SUITABLE FOR SEALANT, SIKAFLEX® 11FC MAY BE USED.
2. INSTALL SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER OVER THE EXTERIOR FACE OF THE BACK-UP WALL SUBSTRATE SO AS TO PROVIDE A CONTINUOUS BARRIER TO STOP AIR MOVEMENT AND PREVENT WATER INTRUSION.
3. ACCEPTABLE BACK-UP WALL SUBSTRATES INCLUDE BUT NOT LIMITED TO DENGSLASS GOLD, PLYWOOD, CONCRETE AND CONCRETE BLOCK.
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DETAIL TITLE

SLAB EDGE DETAIL

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FILE NO.:

DRW. NO.:

AB-3

AS A MANUFACTURER OF CONSTRUCTION PRODUCTS, SIKA CORPORATION PROVIDES GENERIC DETAILS AS A GENERAL GUIDE FOR INFORMATION PURPOSES ONLY. THESE DETAILS ARE NOT INTENDED TO REPLACE SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE SYSTEM. THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM, FOR THE PREPARATION AND APPROVAL OF THE PROJECT SPECIFICATIONS, DETAILS AND SHOP DRAWINGS, AND FOR DETERMINING THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. WHILE SIKA PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MATERIALS, THE MEANS AND METHODS USED BY THE CONTRACTOR FOR MATERIAL STORAGE, SUBSTRATE EVALUATION, SURFACE PREPARATION, AND THE INSTALLATION OF BOTH SIKA AND NON-SIKA MATERIALS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON SIKA PRODUCT LABELS, TECHNICAL DATA SHEETS, AND MATERIAL SAFETY DATA SHEETS AVAILABLE AT WWW.SIKAUSA.COM. SIKA CORPORATION MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AS TO THE CONTENT OF THIS GUIDE DETAIL. SIKA SHALL NOT BE RESPONSIBLE UNDER ANY LEGAL THEORY TO ANY THIRD PARTY FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING FROM THE USE OF THIS GUIDE DETAIL. ALL PRODUCTS AND SERVICES PROVIDED BY SIKA CORPORATION ARE SUBJECT TO ITS TERMS AND CONDITIONS OF SALE AVAILABLE AT WWW.SIKAUSA.COM.

SIKAFLEX® 11FC SEALANT OVER LEADING EDGE
OF SIKAMULTISEAL® PLUS FLASHING MEMBRANE

SIKAMULTISEAL® PLUS FLASHING MEMBRANE

STEEL SHELF ANGLE

SIKAFLEX® OR SIKASIL® SEALANT

SIKA MEMBRAN® 540 OR
SIKAMULTISEAL® 515 SELF-ADHERED
TRANSISTION SEAM TAPE

SIKA MEMBRAN® 540 OR
SIKAMULTISEAL® 515 SELF-ADHERED
TRANSITION SEAM TAPE OR SIKAFLEX®
102 EVERFLASH MEMBRANE

BRICK VENEER
AIR SPACE

SIKA MEMBRAN® 540 OR
SIKAMULTISEAL® 515 SELF-ADHERED
TRANSITION SEAM TAPE
SIKAGARD® LIQUID APPLIED VAPORPERMEABLE
AIR BARRIER
EXTERIOR SHEATHING
STUD FRAMING
INSULATION

HEAD

ALTERNATE METHOD: PROVIDE
BACKER ROD AND SEALANT AT
INTERIOR CONNECTIONS.

SILL

SIKAFLEX® OR SIKASIL® SEALANT

SIKA MEMBRAN® 540 OR SIKAMULTISEAL®
515 SELF-ADHERED TRANSISTION SEAM TAPE

SIKAGARD® LIQUID APPLIED VAPOR
PERMEABLE AIR BARRIER

JAMB

NOTES:

1. A CONTINUOUS PLANE OF AIR TIGHTNESS IS ACHIEVED WHEN THE AIR BARRIER CONNECTION TO THE WINDOW FRAME IS WELL INTEGRATED.
2. THERE ARE SEVERAL COMBINATIONS FOR WINDOW ATTACHMENT AND DETAILING. REFER TO AAMA STANDARDS.
3. REFER TO SIKA TECHNICAL DATA SHEETS AND GUIDE SPECIFICATIONS FOR RECOMMENDED INSTALLATION PROCEDURES AND COMPATIBLE SEALANTS.
4. DETAIL REPRESENTS GENERAL ARRANGEMENT OF MATERIALS AND ASSEMBLIES, PROJECT SPECIFICATIONS GOVERN. DO NOT SCALE.



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AB-4

AS A MANUFACTURER OF CONSTRUCTION PRODUCTS, SIKA CORPORATION PROVIDES GENERIC DETAILS AS A GENERAL GUIDE FOR INFORMATION PURPOSES ONLY. THESE DETAILS ARE NOT INTENDED TO REPLACE SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE SYSTEM. THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM, FOR THE PREPARATION AND APPROVAL OF THE PROJECT SPECIFICATIONS, DETAILS AND SHOP DRAWINGS, AND FOR DETERMINING THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. WHILE SIKA PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MATERIALS, THE MEANS AND METHODS USED BY THE CONTRACTOR FOR MATERIAL STORAGE, SUBSTRATE EVALUATION, SURFACE PREPARATION, AND THE INSTALLATION OF BOTH SIKA AND NON-SIKA MATERIALS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON SIKA PRODUCT LABELS, TECHNICAL DATA SHEETS, AND MATERIAL SAFETY DATA SHEETS AVAILABLE AT WWW.SIKAUSA.COM. SIKA CORPORATION MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AS TO THE CONTENT OF THIS GUIDE DETAIL. SIKA SHALL NOT BE RESPONSIBLE UNDER ANY LEGAL THEORY TO ANY THIRD PARTY FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING FROM THE USE OF THIS GUIDE DETAIL. ALL PRODUCTS AND SERVICES PROVIDED BY SIKA CORPORATION ARE SUBJECT TO ITS TERMS AND CONDITIONS OF SALE AVAILABLE AT WWW.SIKAUSA.COM.

SIKAFLEX® 11FC SEALANT OVER LEADING EDGE
OF SIKAMULTISEAL® PLUS FLASHING MEMBRANE

SIKAMULTISEAL® PLUS FLASHING
MEMBRANE

STEEL SHELF ANGLE

SIKAFLEX® OR SIKASIL® SEALANT

SIKA MEMBRAN® 540 OR
SIKAMULTISEAL® 515 SELF-ADHERED
TRANSITION SEAM TAPE

SIKA MEMBRAN® 540 OR SIKAMULTISEAL®
515 SELF-ADHERED TRANSITION SEAM TAPE
OR SIKAFLEX® 102 EVERFLASH MEMBRANE

BRICK VENEER

AIR SPACE

SIKA MEMBRAN® 540 OR
SIKAMULTISEAL® 515 SELF-ADHERED
TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED VAPORPERMEABLE

AIR BARRIER

EXTERIOR SHEATHING

STUD FRAMING

INSULATION

HEAD

ALTERNATE METHOD:
PROVIDE BACKER ROD
AND SEALANT AT
INTERIOR CONNECTIONS.

SILL

SIKAFLEX® OR SIKASIL® SEALANT

SIKA MEMBRAN® 540 OR SIKAMULTISEAL®
515 SELF-ADHERED TRANSITION SEAM TAPE

SIKAGARD® LIQUID APPLIED VAPOR
PERMEABLE AIR BARRIER

JAMB

NOTES:

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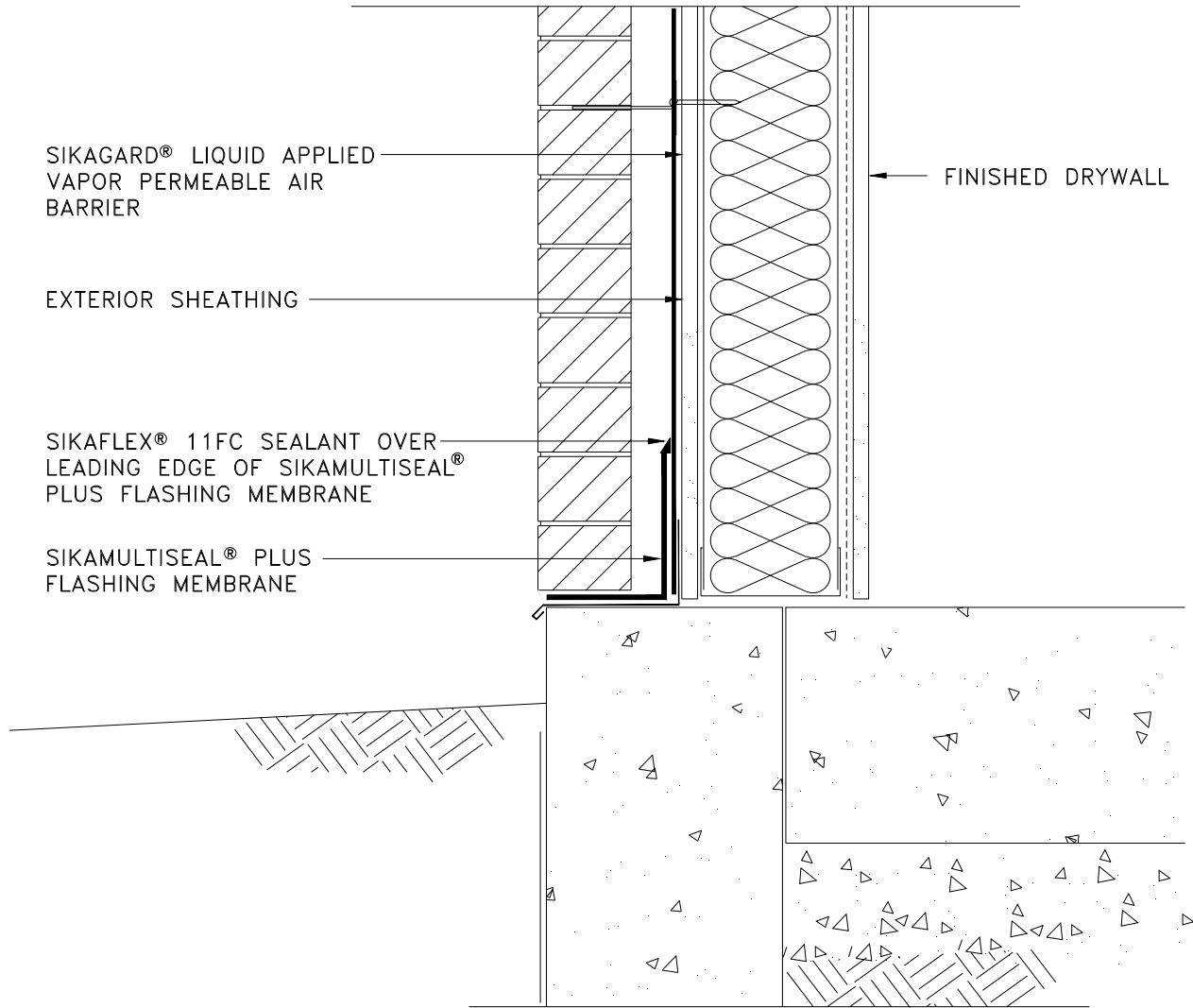
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AB-5

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NOTES:

1. TREAT SHEATHING BOARD JOINTS WITH SIKAFLEX® 11FC SEALANT. TREAT CONNECTIONS BETWEEN DISSIMILAR MATERIALS AND CORNER DETAILS WITH SELF-ADHERED TRANSITION SEAM TAPE. IF THE GAP IS LESS THAN $\frac{1}{4}$ " AND THE EDGES ARE SUITABLE FOR SEALANT, SIKAFLEX® 11FC MAY BE USED.
2. INSTALL SIKAGARD® LIQUID APPLIED VAPOR PERMEABLE AIR BARRIER OVER THE EXTERIOR FACE OF THE BACK-UP WALL SUBSTRATE SO AS TO PROVIDE A CONTINUOUS BARRIER TO STOP AIR MOVEMENT AND PREVENT WATER INTRUSION.
3. ACCEPTABLE BACK-UP WALL SUBSTRATES INCLUDE BUT NOT LIMITED TO DENSGLASS GOLD, PLYWOOD, CONCRETE AND CONCRETE BLOCK.
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AB-6

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SIKAGARD® LIQUID AIR
BARRIER

SIKAFLEX® 11FC OR SIKAFLEX®
102 EVERFLASH MEMBRANE

SHEATHING BOARD
SUBSTRATE

TREAT JOINTS BETWEEN SHEATHING BOARD
PANELS WITH A BEAD OF SIKAFLEX® 11FC SEALANT.
TREAT JOINTS GREATER THAN 1/4 INCH WIDE WITH A STRIP OF
SIKA MEMBRAN® 540 OR SIKA MULTISEAL® 515 TAPE.

CORRECT DAMAGED AREAS OF MEMBRANE WITH LIBERAL APPLICATION OF SIKAGARD® LIQUID AIR BARRIER APPLIED OVER THE DAMAGED AREA.
CORRECT DAMAGE TO THE SUBSTRATE AS PER THE TECHNICAL DATA SHEET, SEE ACCEPTABLE SUBSTRATE CONDITIONS.

SIKAGARD® LIQUID AIR BARRIER

SIKA MEMBRAN® 540 OR
SIKA MULTISEAL® 515 SELF-ADHERED
TRANSITION TAPE AND PRIMER OR
SIKAFLEX® 102 EVERFLASH MEMBRANE

3" INCHES

SHEATHING BOARD
SUBSTRATE

TREAT OUTSIDE CORNERS WITH
A STRIP OF SELF-ADHERING
TRANSITION MEMBRANE EXTENDING A MINIMUM OF 3 INCHES
ON EITHER SIDE OF THE CORNER DETAIL.



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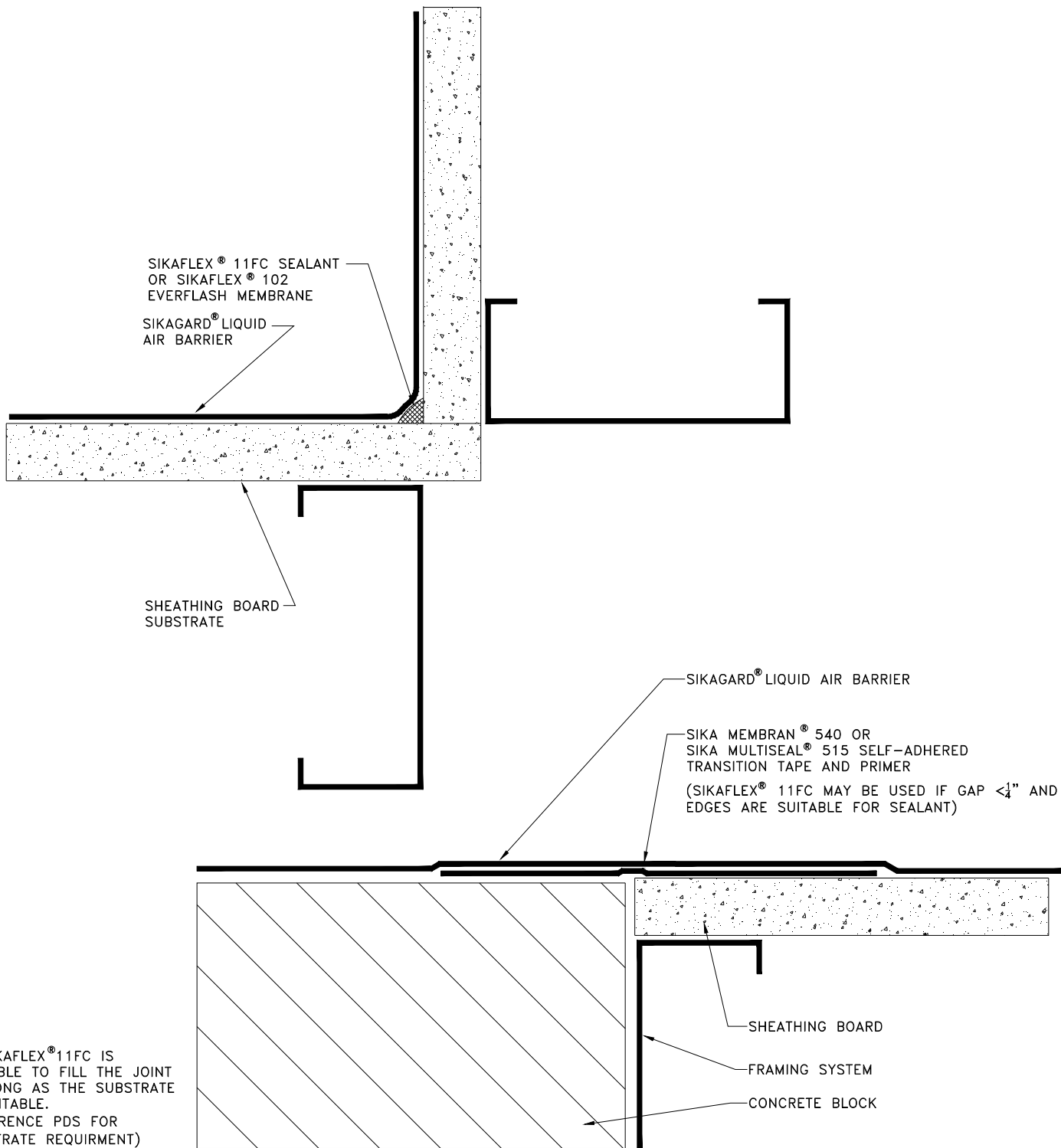
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JOB NAME:

DETAIL TITLE

CHANGE IN PLANE STATIC JOINT DETAIL

SCALE:

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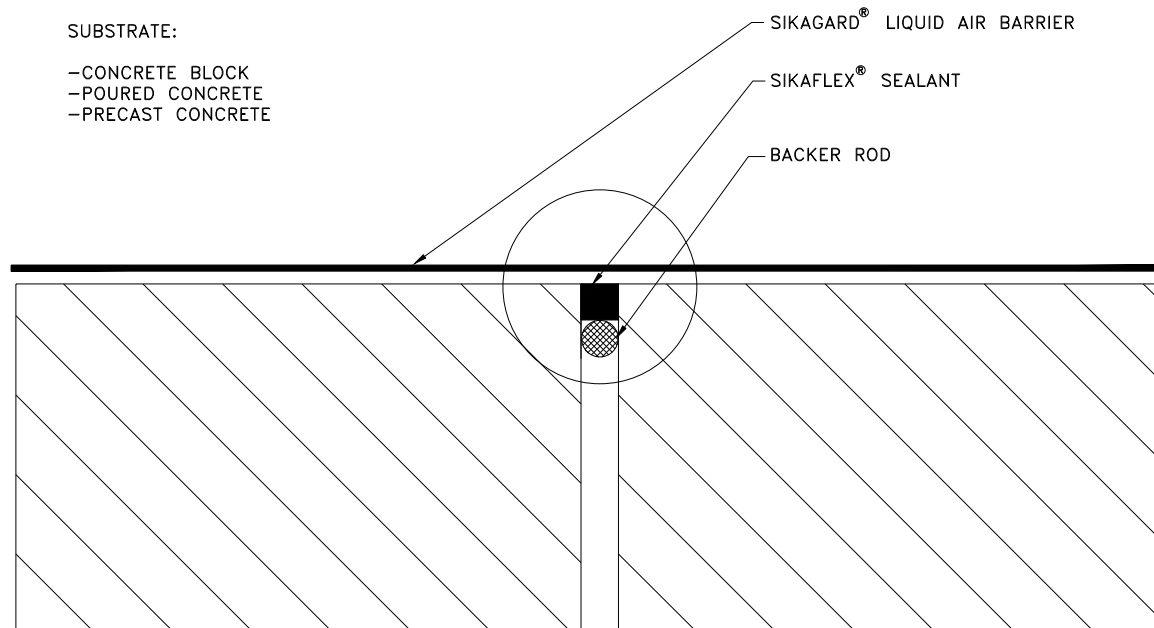
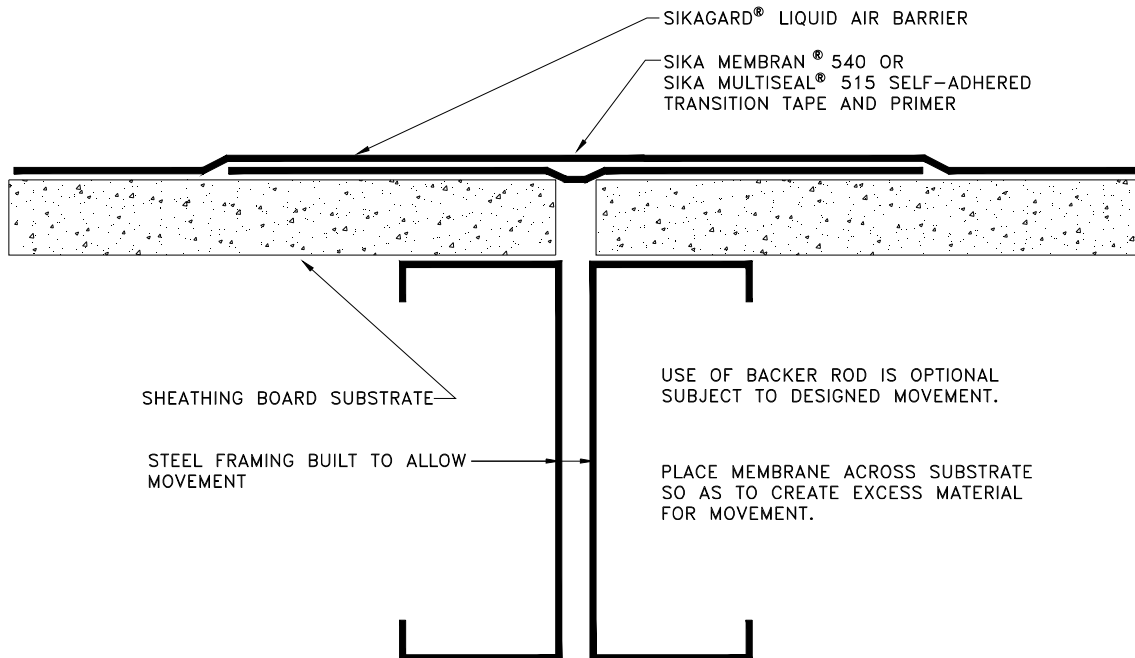
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DRW. NO.:

AB-8

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NOTE

- 1) SIKAFLEX® SEALANT MAY BE USED
IF BONDED EDGE IS MASONRY, THE JOINT IS
PROPERLY DESIGNED AND THE ALLOWABLE MOVEMENT OF THE
SEALANT IS CONSIDERED



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WWW.SIKAUSA.COM

JOB NAME:

DETAIL TITLE

VERTICAL WALL EXPANSION JOINT DETAIL

SCALE:

N.T.S.

DATE:

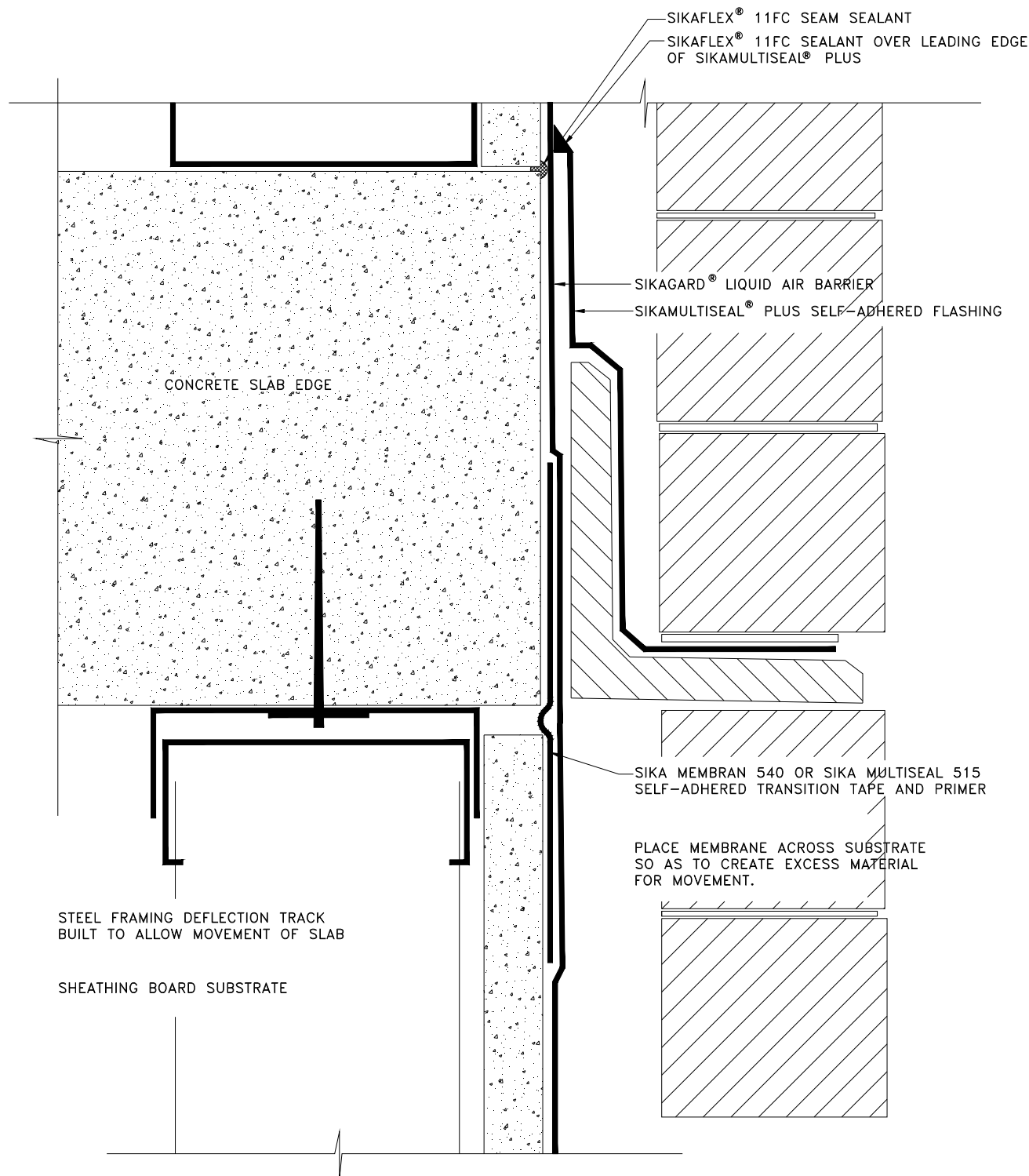
3/9/18

FILE NO.:

DRW. NO.:

AB-9

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JOB NAME:

DETAIL TITLE

DEFLECTION JOINT DETAIL

SCALE:

N.T.S.

DATE:

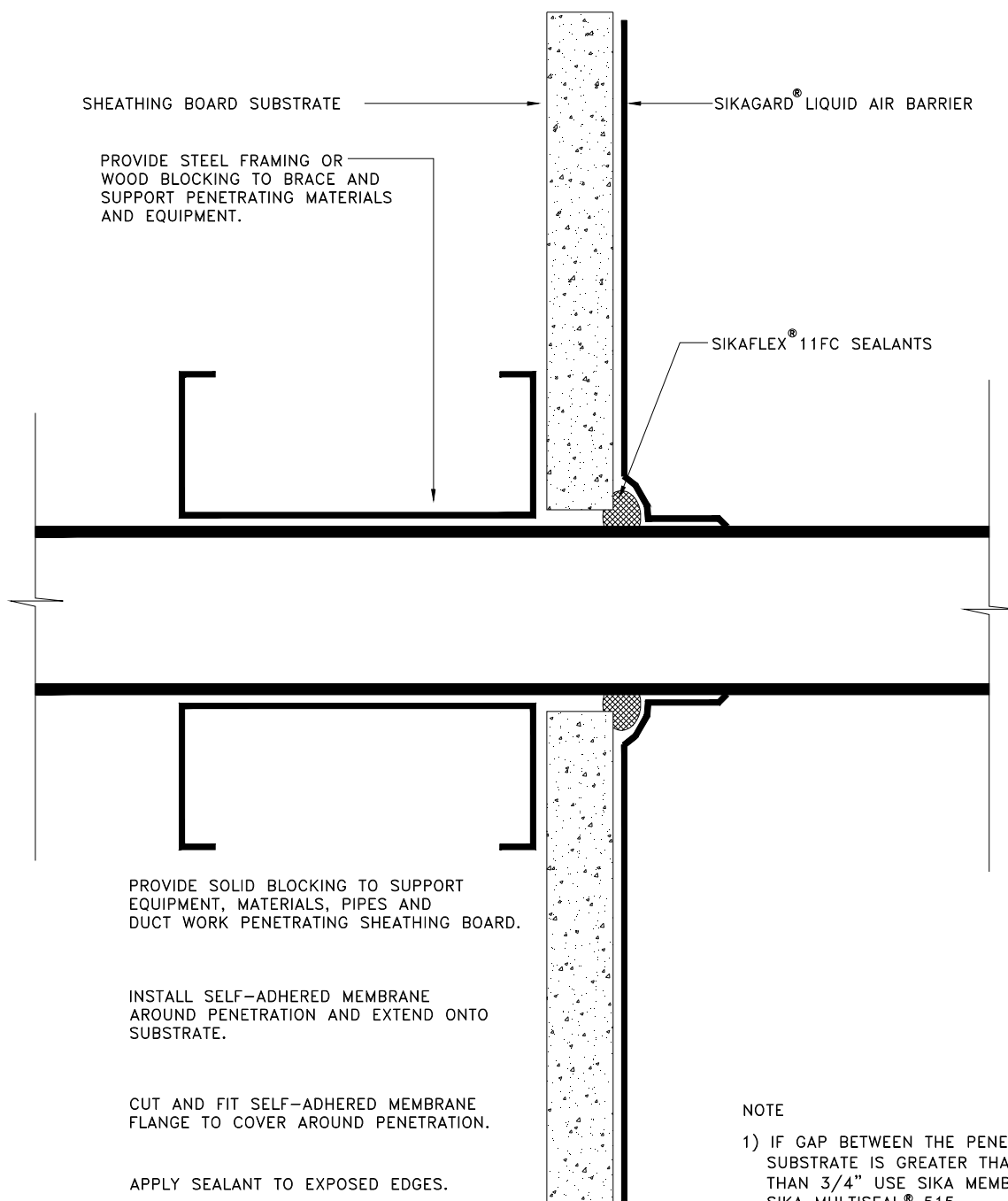
3/13/18

FILE NO.:

DRW. NO.:

AB-10

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JOB NAME:

DETAIL TITLE

WALL PENETRATION DETAIL

SCALE:

N.T.S.

DATE:

3/9/18

FILE NO.:

DRW. NO.:

AB-11

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