

Typical 2D Details







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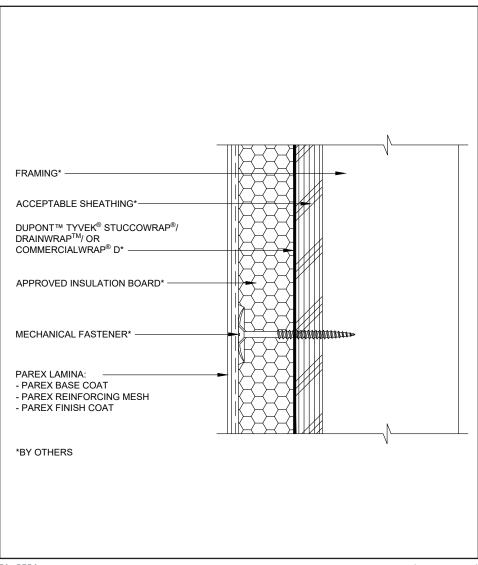
Notes:

- The details within are the latest recommendations and are represent in good faith by Sika Corporation US (hereinafter Sika). The details are subject to change without notice. Sika accepts no liability for the end use of the details. For conditions not shown, consult Sika for review of specific details.
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- · Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





TYPICAL APPLICATION (PLAN VIEW)



- Acceptable water resistive barriers
 - Dupont™ Tyvek® StuccoWrap®
 - Dupont™ Tyvek® DrainWrap™
 - Dupont™Tyvek® CommercialWrap® D

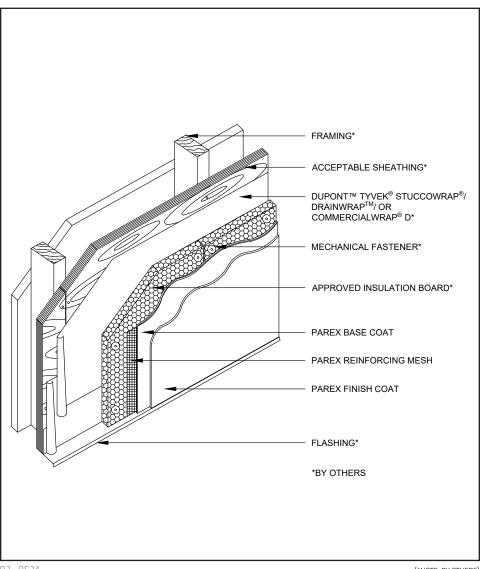
01 0524 (*NOTE: BY OTHERS)

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TYPICAL APPLICATION (ISOMETRIC)



- Acceptable water resistive barriers
 - Dupont™ Tyvek® StuccoWrap®
 - Dupont™ Tyvek® DrainWrap™
 - Dupont™Tyvek® CommercialWrap® D

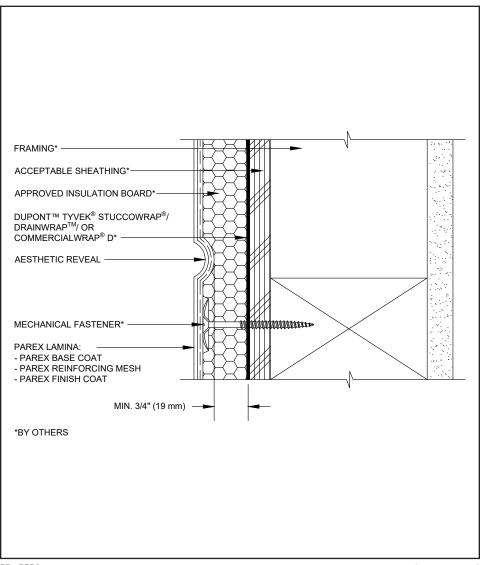
02 0524 (*NOTE: BY OTHERS)

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TYPICAL AESTHETIC REVEAL



- Maintain a continuous layer of EPS insulation board, at a minimum 3/4" (19 mm) thickness, behind all reveals and aesthetic grooves.
- Reinforcing mesh shall be continuous and care shall be taken to ensure reinforcing mesh is not cut during base coat application.
- Horizontal reveals shall provide for outward positive drainage.
- Reveals must not occur at the abutment of two pieces of EPS insulation board.

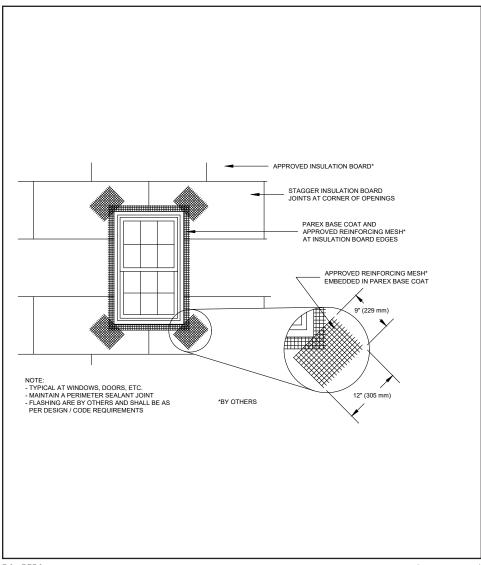
03 0524 (*NOTE: BY OTHERS)

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TYPICAL INSULATION BOARD AND REINFORCING MESH AT OPENINGS



- Stagger joints horizontally in a running bond pattern offset a minimum of 6".
- Pre-cut insulation board to fit openings and projections. Insulation board must be a single piece around corners of openings.
- Stagger vertical joints and corners. Stagger insulation and sheathing board joints.
- Offset insulation board joints from sheathing joints by a minimum of 16".

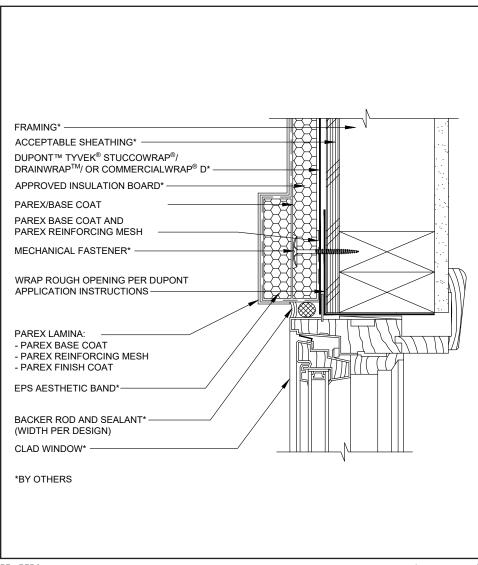
04 0524 (*NOTE: BY OTHERS)

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TYPICAL CLAD WINDOW JAMB WITH BAND



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacture's application guidelines and code requirements.
- Do not apply finish to areas that will receive sealant
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

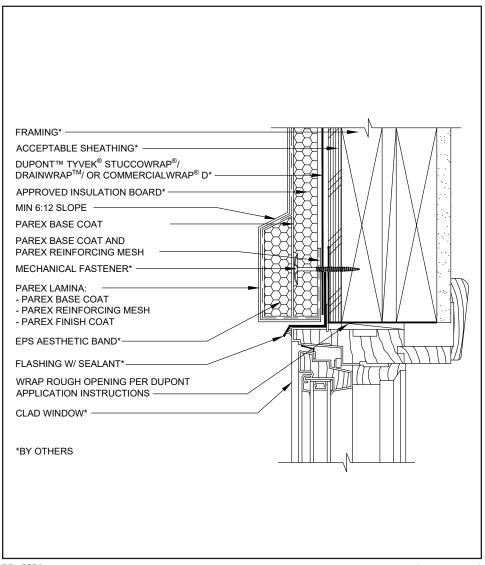
05 0524 (*NOTE: BY OTHERS)

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TYPICAL CLAD WINDOW HEAD WITH BAND



- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- On horizontal projections greater than 1"
 (25mm) maintain a minimum 6:12 slope. For sloped surfaces over 24" (340mm), a roofing system or a metal cap flashing is required.
- Ensure a means for drainage is provided at system termination at window head.
- Provide end-dams at flashing terminations.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

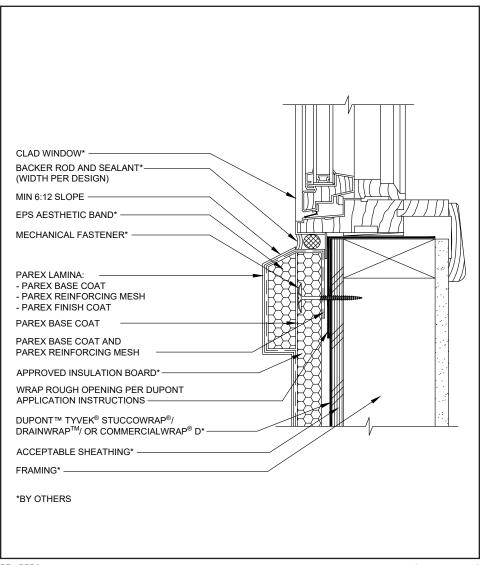
06 0524 (*NOTE: BY OTHERS)

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TYPICAL CLAD WINDOW SILL WITH BAND



- Maintain a minimum 6:12 slope.
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Do not apply finish to areas that will receive sealant.
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).

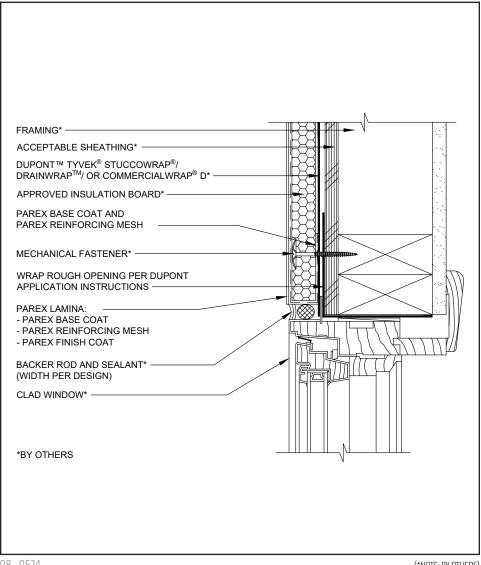
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TYPICAL CLAD WINDOW JAMB



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Do not apply finish to areas that will receive sealant
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

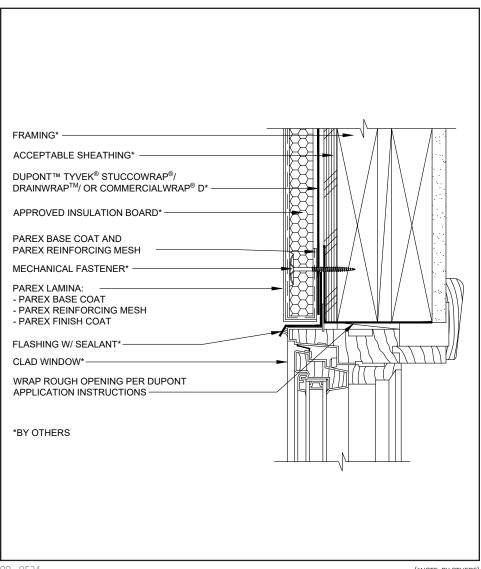
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TYPICAL CLAD WINDOW HEAD



- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation hoard
- Ensure a means for drainage is provided at system termination at window head.
- Provide end-dams at flashing terminations.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

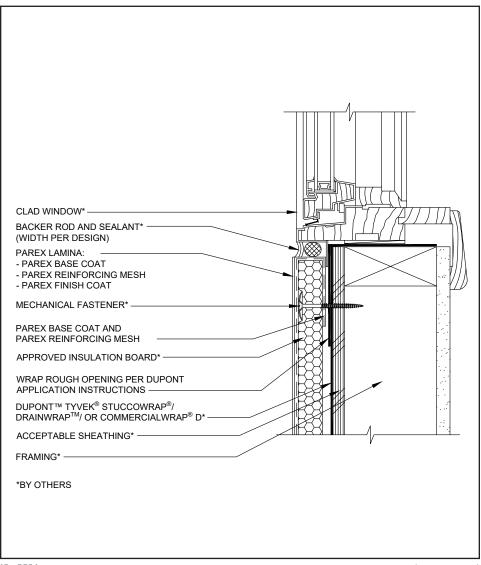
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TYPICAL CLAD WINDOW SILL



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Do not apply finish to areas that will receive sealant
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

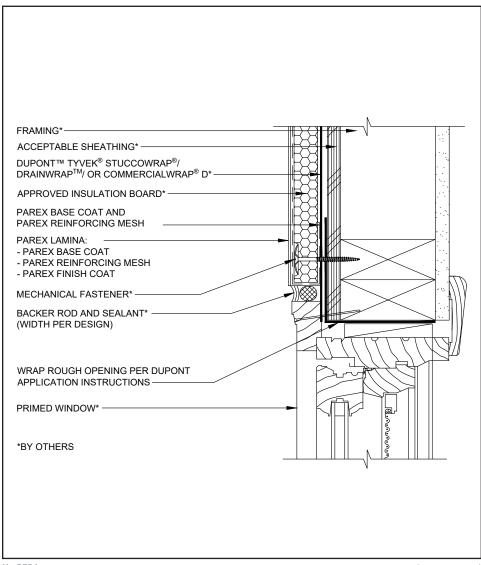
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TYPICAL PRIMED WINDOW JAMB



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Do not apply finish to areas that will receive sealant
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

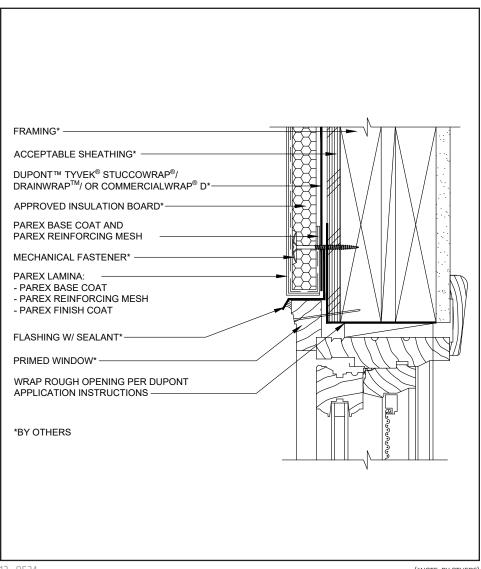
11 0524 (*NOTE: BY OTHERS)

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TYPICAL PRIMED WINDOW HEAD



- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation hoard
- Ensure a means for drainage is provided at system termination at window head.
- Provide end-dams at flashing terminations.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

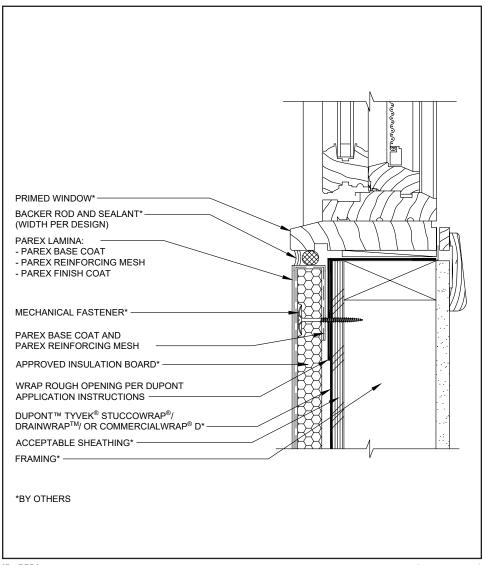
12 0524 (*NOTE: BY OTHERS)

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TYPICAL PRIMED WINDOW SILL



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with the manufacturer's application guidelines and code requirements.
- Do not apply finish to areas that will receive sealant
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

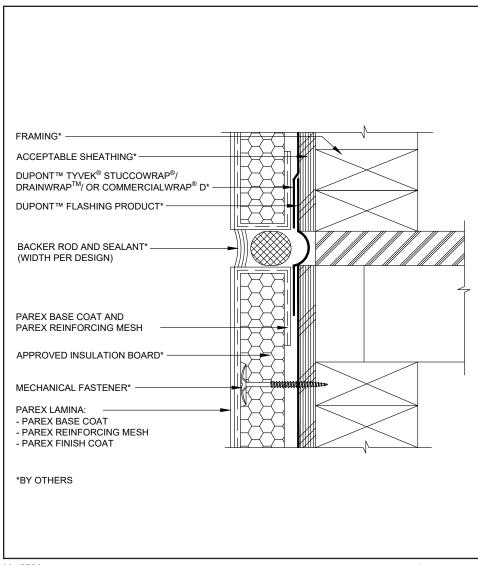
13 0524 (*NOTE: BY OTHERS)

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TYPICAL EXPANSION JOINT AT FLOOR LINE



- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation hoard.
- Do not apply finish to areas that will receive sealant.
- Provide sufficient slack in the SikaWall Flash Seal NP or flashing membrane at expansion joint to allow for movement.
- Typical locations for system expansion
 joints are at building expansion joints, at
 prefabricated panel joints, floor lines of
 wood frame construction or where slip tracks
 are used in steel frame construction, where
 substrates change and where structural
 movement is anticipated. It is the sole
 responsibility of the project design team,
 including the architect, engineer, etc., to
 ultimately determine specific expansion joint
 placement, width and design. Detail specific
 locations in construction drawings.
- It is recommended that a means for drainage is provided at every third floor.
- Ensure drainage plane is continuous and unobstructed at expansion joint.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

14 0524 (*NOTE: BY OTHERS)

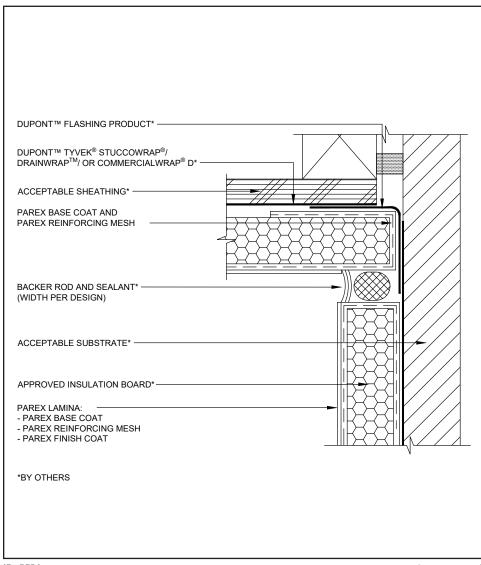
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TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Do not apply finish to areas that will receive
 sealant.
- Ensure drainage plane is continuous and unobstructed at expansion joint.
- Typical locations for system expansion
 joints are at building expansion joints, at
 prefabricated panel joints, floor lines of
 wood frame construction or where slip tracks
 are used in steel frame construction, where
 substrates change and where structural
 movement is anticipated. It is the sole
 responsibility of the project design team,
 including the architect, engineer, etc., to
 ultimately determine specific expansion joint
 placement, width and design. Detail specific
 locations in construction drawings.
- Provide sufficient slack in SikaWall Flash Seal NP or flashing membrane at expansion joint to allow for movement.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

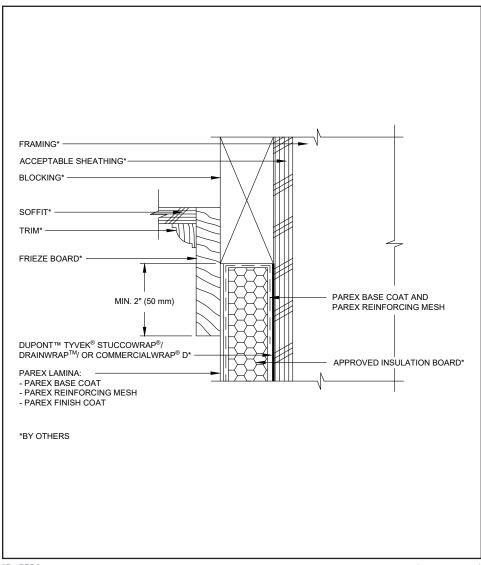
15 0524 (*NOTE: BY OTHERS)

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TYPICAL TERMINATION AT SOFFIT OR GABLE



 All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.

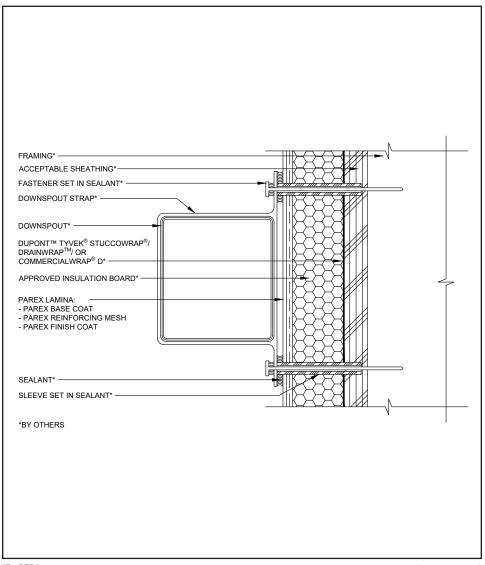
16 0524 (*NOTE: BY OTHERS)

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TYPICAL DOWNSPOUT



- Ensure all penetrations into the system are properly sealed.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

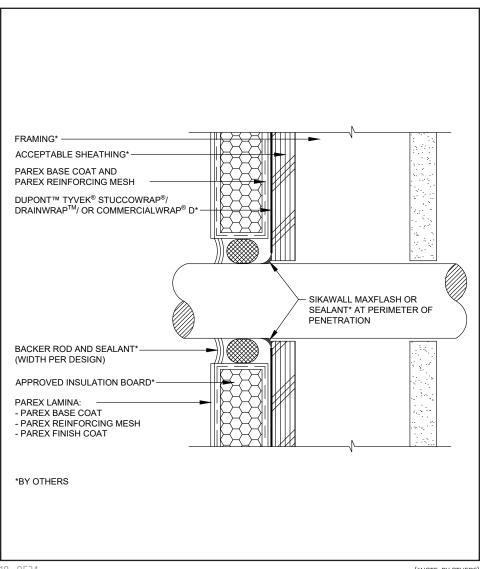
17 0524 (*NOTE: BY OTHERS)

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TYPICAL PIPE PENETRATION



- All terminations must be fully encapsulated with mesh reinforced basecoat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Ensure all penetrations into the system are properly sealed. Reference Acceptable Sealants to use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Provide continuous air seal around perimeter of penetration prior to EPS insulation board application.
- Do not apply finish to areas that will receive sealant.

18 0524 (*NOTE: BY OTHERS)

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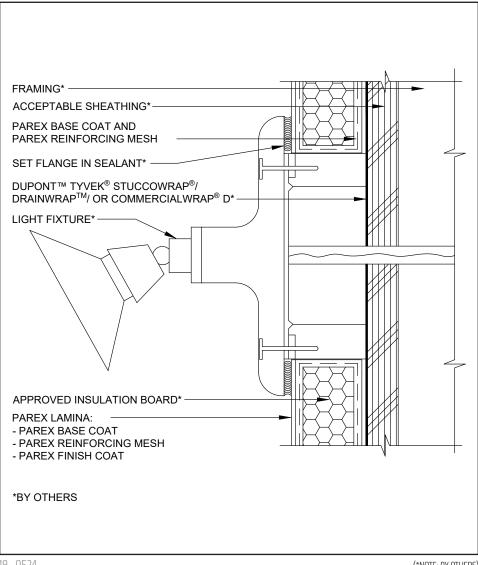
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TYPICAL LIGHT FIXTURE



- All terminations must be fully encapsulated with mesh reinforced base coat. Pre-backwrap both the vertical and horizontal terminations.
 Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Ensure all penetrations into the system are properly sealed.
- Reference Acceptable Sealants to use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Provide continuous air seal around perimeter of penetration prior to EPS insulation board application.

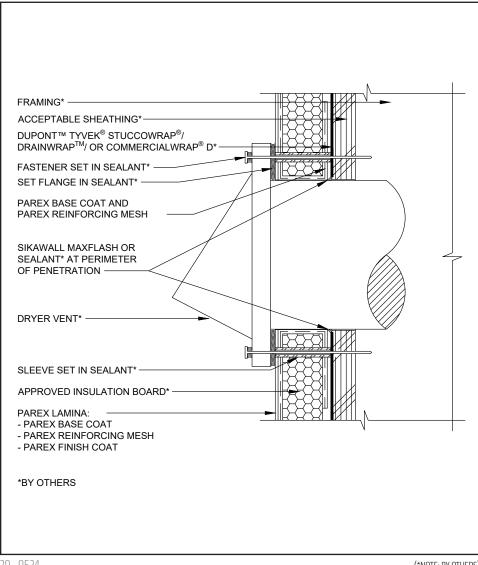
19 0524 (*NOTE: BY OTHERS)

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TYPICAL DRYER VENT



- All terminations must be fully encapsulated with mesh reinforced basecoat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Ensure all penetrations into the system are properly sealed. Reference Acceptable Sealants to use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Provide continuous air seal around perimeter of penetration prior to EPS insulation board application.
- Do not apply finish to areas that will receive sealant.
- Ensure all penetrations into the system are properly sealed.

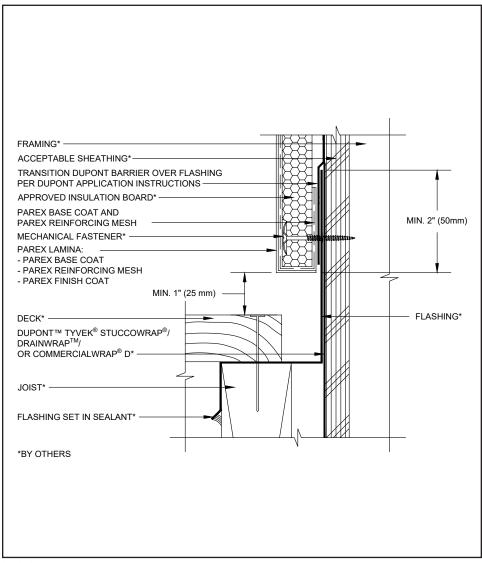
20 0524 (*NOTE: BY OTHERS)

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TYPICAL TERMINATION AT TOP OF DECK



- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Ensure a means for drainage is provided at system termination at deck.
- Terminate system a minimum of 1" (25 mm) above deck.

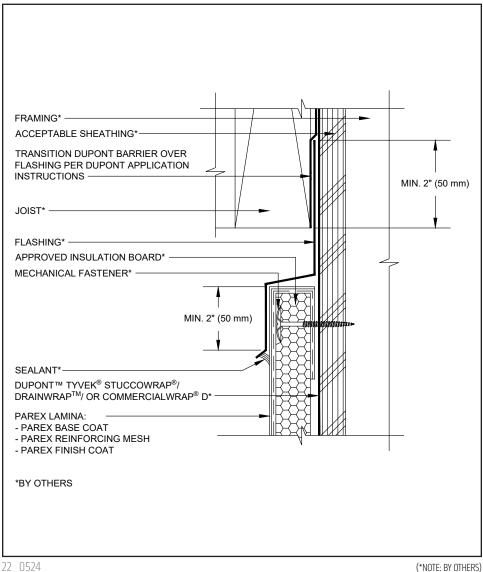
21 0524 (*NOTE: BY OTHERS)

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TYPICAL TERMINATION AT BOTTOM OF DECK



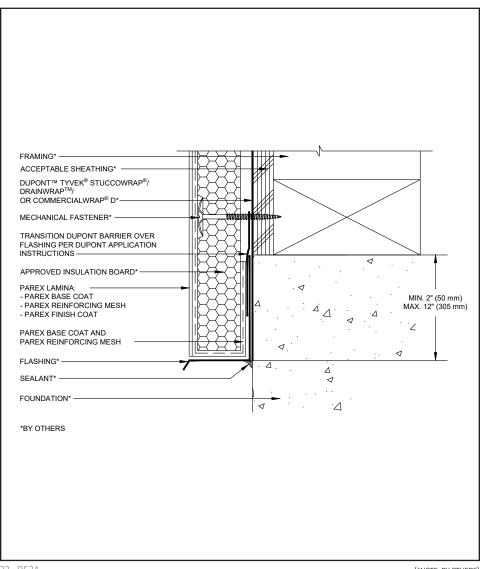
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Ensure that metal coping/ flashing extends onto the system a minimum of 2" (50 mm) down the face.

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TYPICAL TERMINATION AT FOUNDATION WITH FLASHING



- All terminations must be fully encapsulated with mesh reinforced base coat.
 Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Ensure a means for drainage is provided at system termination at foundation.
- Terminate system a minimum of 6" (152 mm) above grade.
- Extend system a minimum of 2" (50 mm) and a maximum of 12" (305 mm) at the sole plate foundation transition.

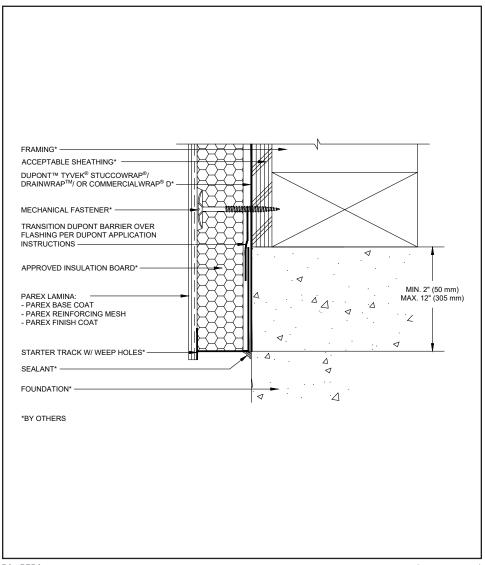
23 0524 (*NOTE: BY OTHERS)

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TYPICAL TERMINATION AT FOUNDATION WITH STARTER TRACK



- Use of starter track is acceptable at termination at foundation only.
- Ensure a means for drainage is provided at system termination at foundation.
- Terminate system a minimum of 6" (152 mm) above grade.
- Extend system a minimum of 2" (50 mm) and a maximum of 12" (305 mm) at the sole plate foundation transition.

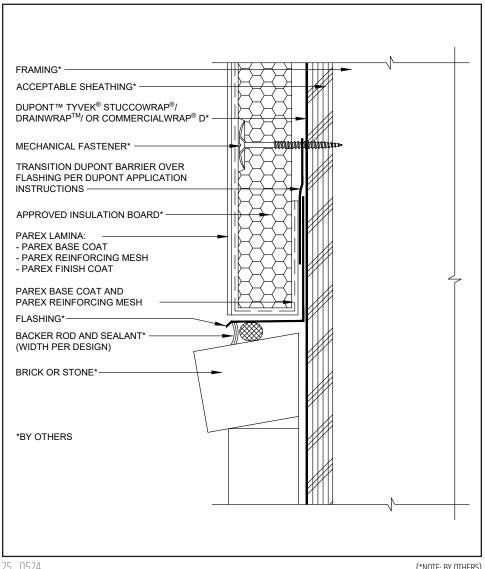
24 0524 (*NOTE: BY OTHERS)

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TYPICAL TERMINATION AT BRICK WITH DRAINAGE



- All terminations must be fully encapsulated with mesh reinforced base coat.
 Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation hoard
- Ensure a means for drainage is provided at system termination at brick.
- Brick must be installed per local code requirements.

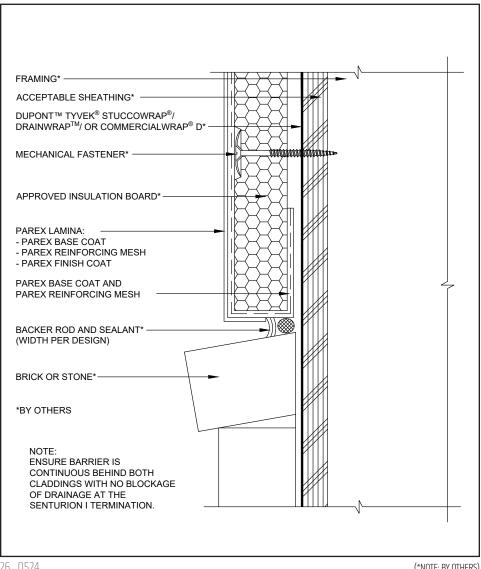
25 0524 (*NOTE: BY OTHERS)

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TYPICAL TERMINATION AT BRICK WITH SEALANT



- All terminations must be fully encapsulated with mesh reinforced base coat.
 Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation hoard
- Ensure a continuous drainage plane is maintained at system abutment to brick.
- Brick must be installed per local code requirements.

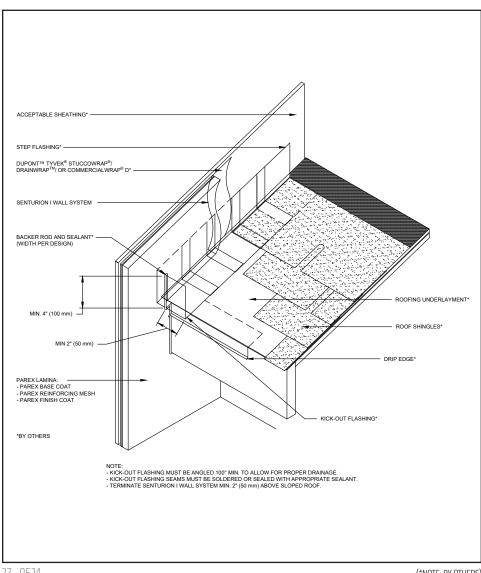
26 0524 **(*NOTE: BY OTHERS)**

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TYPICAL KICK-OUT FLASHING AT SLOPED ROOF



- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- Ensure a means for drainage is provided at system termination at roof.
- Terminate system a minimum of 2" (50 mm) above sloped roof.
- Ensure step flashing is a minimum of 2" (50 mm) behind system.
- Kick-out flashing shall be a minimum of 4" (102 mm) in height.
- Do not apply finish to areas that will receive sealant.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

27 0524 (*NOTE: BY OTHERS)

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LIMITED WARRANTY NOTICE

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com/parex or by calling our Technical Service Department at +1 (800) 226-2424.

Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/ or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at usa.sika.com.

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