

Continuously Insulated System

Typical Details 2D







### Typical Details 2D

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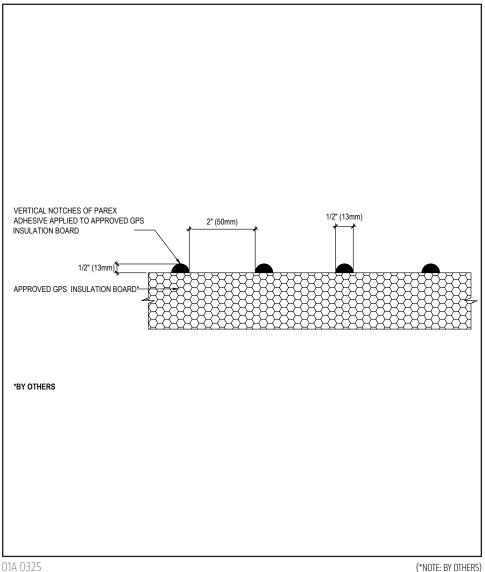
#### **Notes:**

- 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.
- Install Sika materials in accordance with current installation instructions.
- · Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





### TYPICAL WATERMASTER GPS CI PROFILE



- Apply mixed Parex Adhesive/Basecoat to entire surface of insulation board using a stainless steel trowel with 1/2" x 1/2" (13 mm x 13 mm) notches spaced 2" (50 mm) apart. Ribbons of adhesive must be applied parallel to the 2' (610 mm) dimension of the GPS insulation board to ensure they are vertical when the GPS insulation board is applied to the substrate.
- Set GPS insulation board into place and apply pressure over entire surface of board to ensure positive uniform contact and high initial grab. Do not slide board into place.

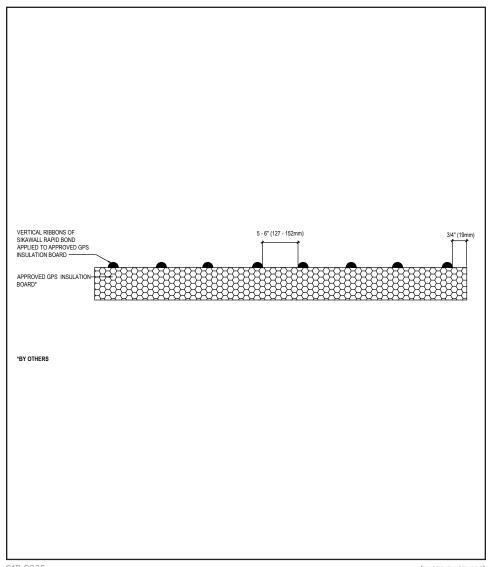
- Install Sika materials in accordance with current installation instructions.
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### TYPICAL SIKAWALL RAPID BOND PATTERN



- Apply a ribbon of SikaWall Rapid Bond to each end of the (2' x4') insulation board, parallel to the short dimension of the board. Position the end ribbons approximately 3/4" from the end of the insulation board.
- Apply six (6) more ribbons for a total of 8 to each 2' x 4' insulation board, evenly spaced nominally 5"-6" apart between the end ribbons. Start and stop adhesive ribbons approximately ½" from the horizontal edge of the board.
- Apply insulation board to prepared substrate when adhesive ribbons have tack and before the surface of ribbons begin to form a skin.
   Install the board using light but firm pressure, taking care not to over compress the adhesive ribbons.
- The time between placing adhesive ribbons onto the insulation board, and the time the ribbons skin over is approximately 1-5 minutes.
- Rasp insulation boards after full cure of adhesive, typically, after one hour in nominal conditions 70°F and 50% relative humidity.
   Cooler temperatures and lower humidity will extend cure time.

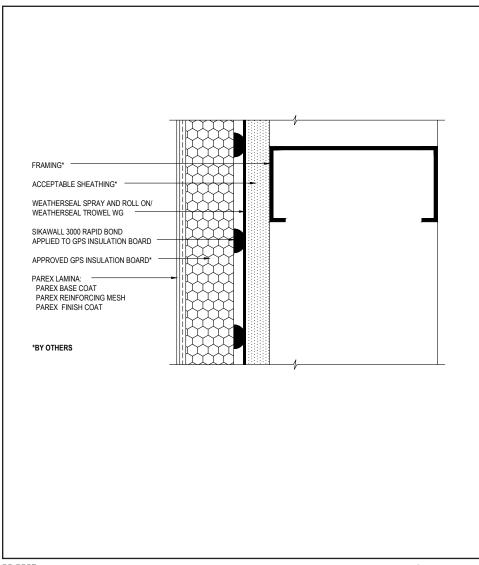
01B 0325 (\*NOTE: BY OTHERS)

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### TYPICAL APPLICATION OVER FRAMING



- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of
- 21/2" onto back of insulation board.
- Ensure a means for drainage is provided at system termination.
- Parex Joint/Transition Treatment Options:
   SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.

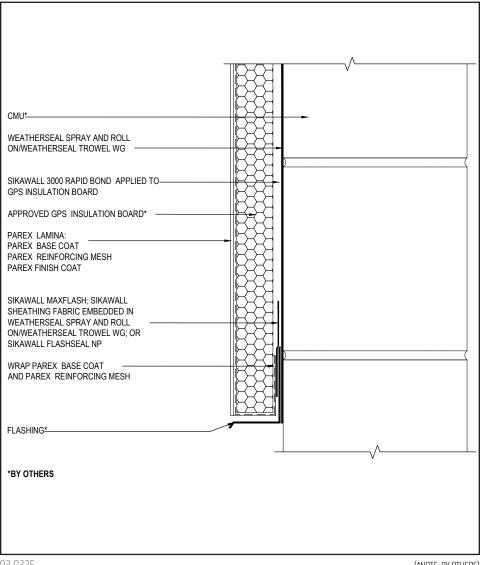
02 0325 (\*NOTE: BY OTHERS)

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### TYPICAL APPLICATION OVER CMU



- 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
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Ensure a means for drainage is provided at system termination.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.

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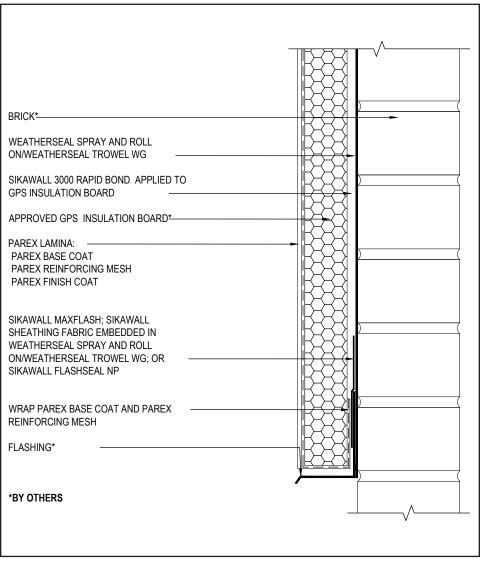
- Install Sika materials in accordance with current installation instructions.
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### TYPICAL APPLICATION OVER BRICK



- 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
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Ensure a means for drainage is provided at system termination.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.

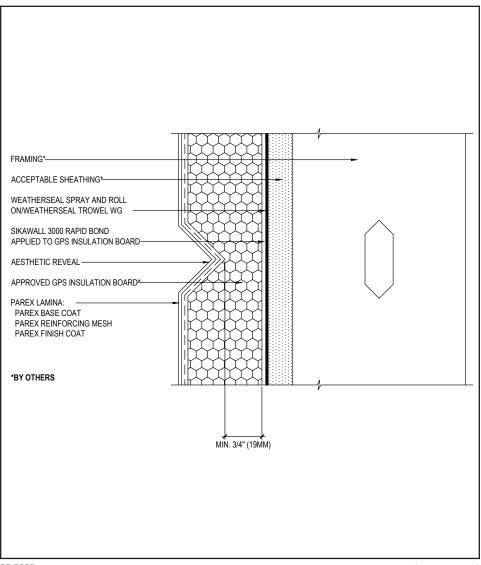
04 0325 (\*NOTE: BY OTHERS)

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### TYPICAL AESTHETIC REVEAL



- Maintain a continuous layer of GPS 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 GPS insulation board.

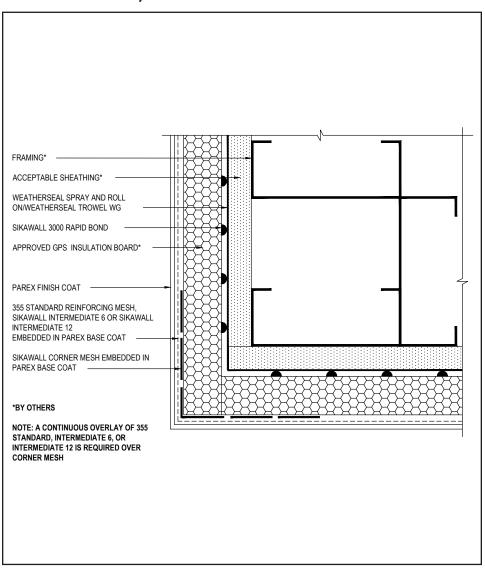
05 0325 (\*NOTE: BY OTHERS)

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# TYPICAL CORNER MESH APPLICATION WITH PAREX 355 STANDARD, INTERMEDIATE 6 OR 12



- Ensure Parex 355 Standard, SikaWall Intermediate 6 or SikaWall Intermediate 12 Reinforcing Mesh is lapped a minimum of 8" (203 mm) around corners.
- SikaWall Corner Mesh on outside corner can be replaced, with Parex 355 Standard, SikaWall Intermediate 6 or SikaWall Intermediate 12, extended a minimum of 8" (203 mm) around corner from both sides (creating double layer of mesh at corner).
- Parex Joint Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.

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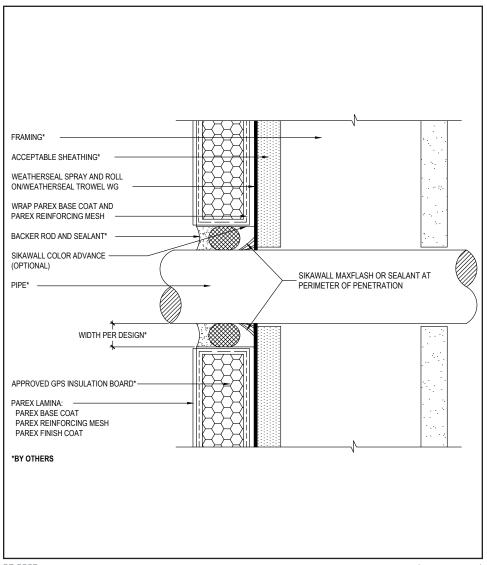
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL PIPE PENETRATION



- All terminations must be fully encapsulated with mesh reinforced basecoat. Pre-backwrap both the vertical and horizontal terminations. Extend reinforcing mesh a minimum of 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- 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 GPS insulation board application. Reference Acceptable Sealants for use with Parex WeatherSeal Technical Bulletin for a list of sealants.
- Do not apply finish to areas that will receive sealant.

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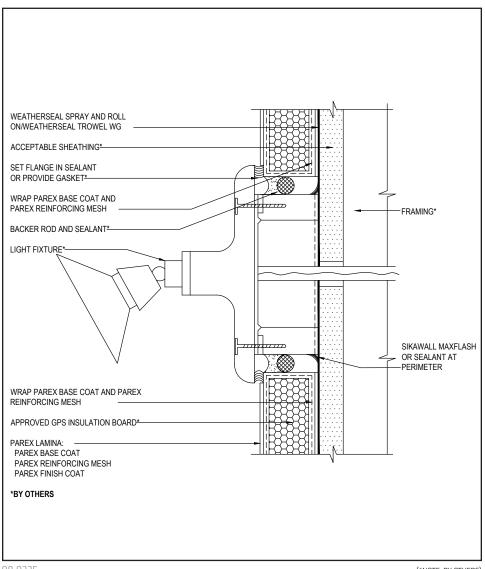
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### TYPICAL LIGHT FIXTURE



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- 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 GPS insulation board application. Reference Acceptable Sealants for use with Parex WeatherSeal Technical Bulletin for a list of sealants.

08 0325 (\*NOTE: BY OTHERS)

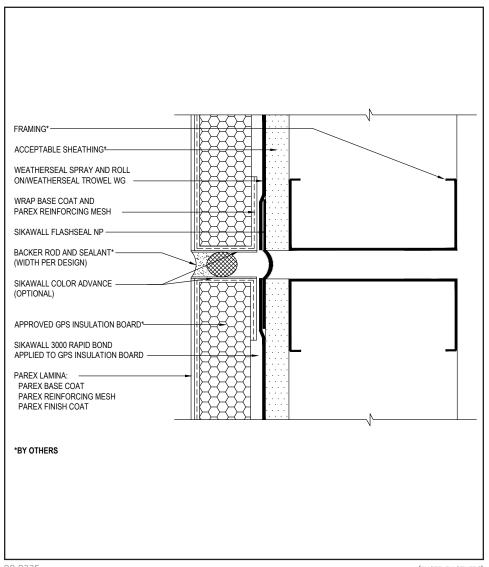
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### **TYPICAL VERTICAL EXPANSION JOINT**



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- 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 at expansion joint to allow for movement.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

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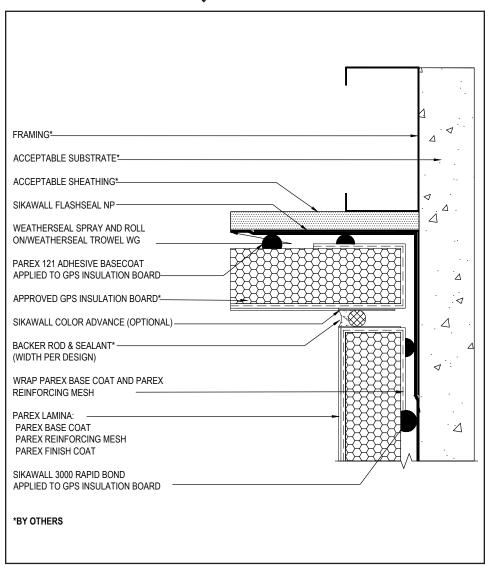
- Install Sika materials in accordance with current installation instructions.
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### TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- 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 at expansion joint to allow for movement.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

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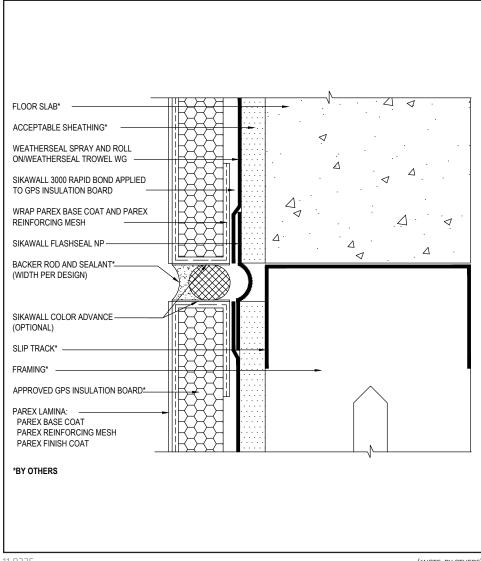
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### TYPICAL EXPANSION JOINT AT FLOOR LINE



- 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 board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Do not apply finish to areas that will receive sealant.
- Provide sufficient slack in the SikaWall Flash Seal NP at expansion join 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. (See typical drainage at floorline detail).
- 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.

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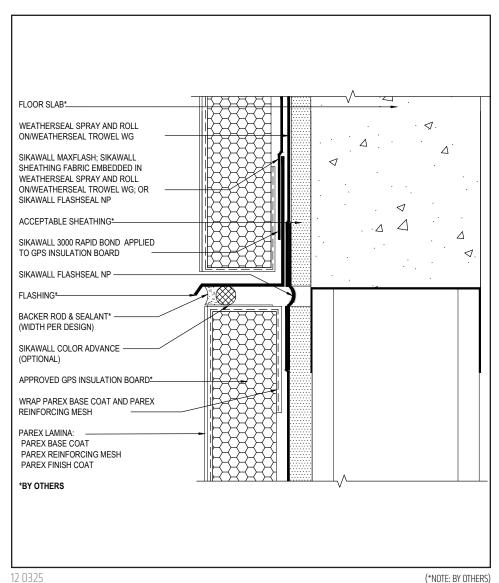
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### TYPICAL DRAINAGE AT FLOOR LINE



- 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 board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Do not apply finish to areas that will receive sealant.
- 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.
- Provide sufficient slack in the SikaWall Flash Seal NP at expansion join to allow for movement
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Reference Acceptable Sealants for Use With Sika Facades Technical Bulletin for a list of sealants.

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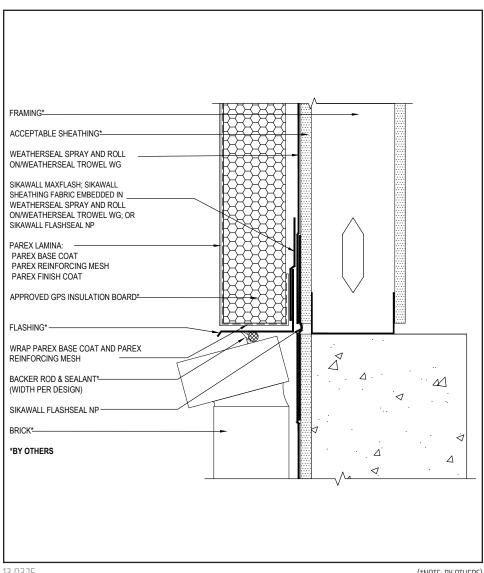
   Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







# TYPICAL ABUTMENT TO BRICK WITH DRAINAGE 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Ensure a means for drainage is provided at system termination at brick.
- Brick must be installed per local code requirements.
- Provide sufficient slack in the SikaWall Flash Seal NP at expansion join to allow for movement.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.

13 0325 (\*NOTE: BY OTHERS)

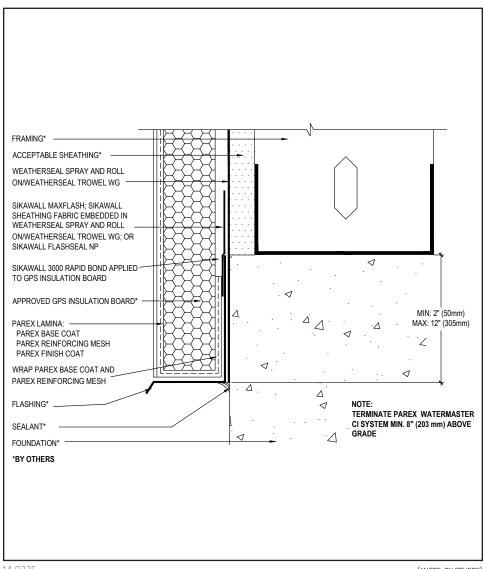
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL TERMINATION AT FOUNDATION



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Moch
- 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.
- Apply Parex Transition Treatment at transition from sheathing to concrete (behind flashing).
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.

14 0325 (\*NOTE: BY OTHERS)

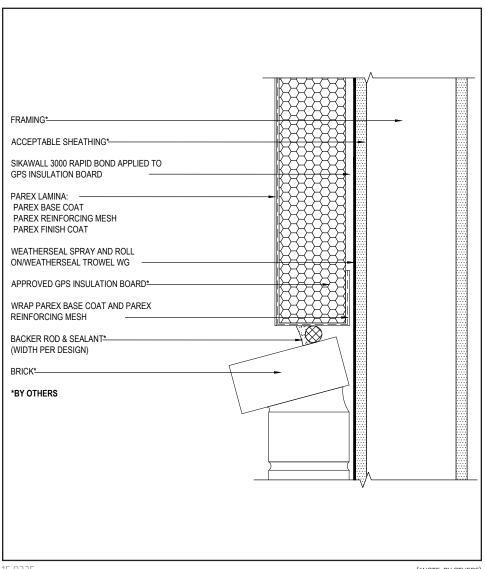
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# TYPICAL ABUTMENT TO BRICK WITH CONTINUOUS DRAINAGE PLANE



- 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
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Moch
- Ensure a continuous drainage plane is maintained at system abutment to brick.
- Brick must be installed per local code requirements.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

15 0325 (\*NOTE: BY OTHERS)

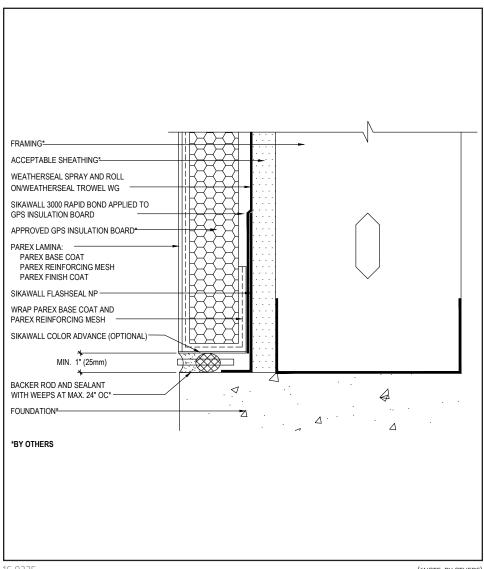
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### **TYPICAL TERMINATION AT FOUNDATION (FLUSH)**



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Ensure a means for drainage is provided at system termination at foundation.
- Place weep tubes a maximum of 24" (610 mm) on center.
- Do not apply finish to areas that will receive
- Reference Acceptable Sealants for use with Parex Wall System Technical Bulletin for a list of sealants.

16 0325 (\*NOTE: BY OTHERS)

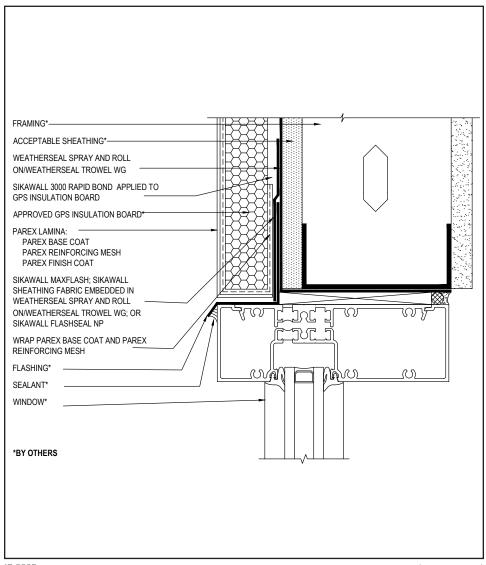
- Install Sika materials in accordance with current installation instructions.
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### **TYPICAL WINDOW HEAD (FLUSH)**



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Ensure a means for drainage is provided at system termination at window head.
- Provide end-dams at flashing terminations.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements.
   Reference Parex WeatherSeal published typical details
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

17 0325 (\*NOTE: BY OTHERS)

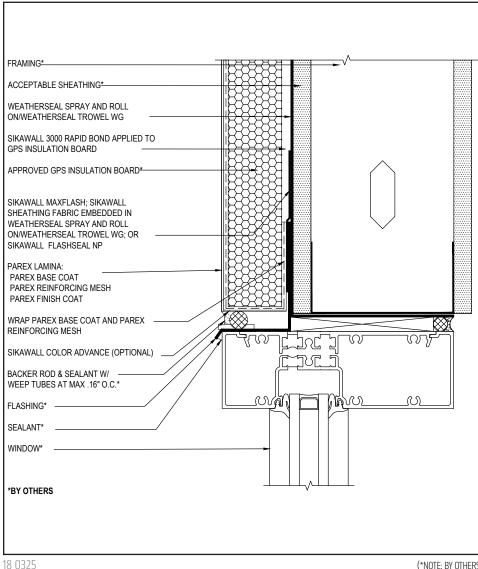
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL WINDOW HEAD WITH WEEP TUBES (FLUSH)



- · 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap
- Ensure a means for drainage is provided at system termination at window head.
- Provide end-dams at flashing terminations.
- Do not apply finish to areas that will receive sealant.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical
- Place weep tubes a maximum of 16" (406 mm) on center.
- 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.

(\*NOTE: BY OTHERS)

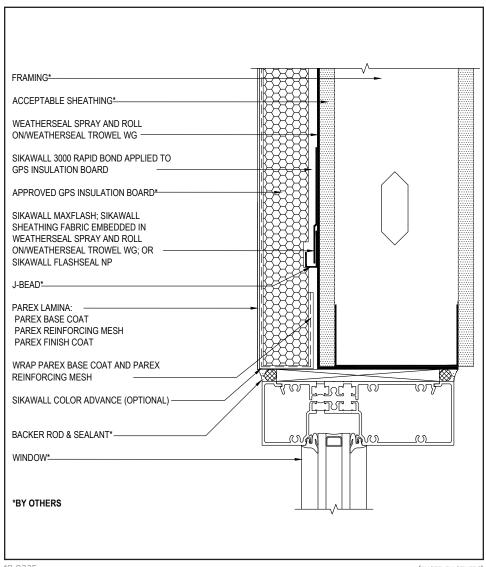
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL WINDOW HEAD WITH DIVERTER TRACK (FLUSH)



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- 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).
- Diverter Flashing Requirements:
- -Extend diverter flashing 6" (152 mm) beyond opening on either side of the opening to allow potential moisture to drain down the wall to the side of the opening.
- -Ensure the flashing is in one piece and does not exceed 10 ft.
- -Ensure the diverter track flashing is sloped 1-2" to provide a means for drainage.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Maintain a minimum of 3/4" (19 mm) GPS insulation thickness.
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical details.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Do not apply finish in areas that will receive sealant.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

19 0325 (\*NOTE: BY OTHERS)

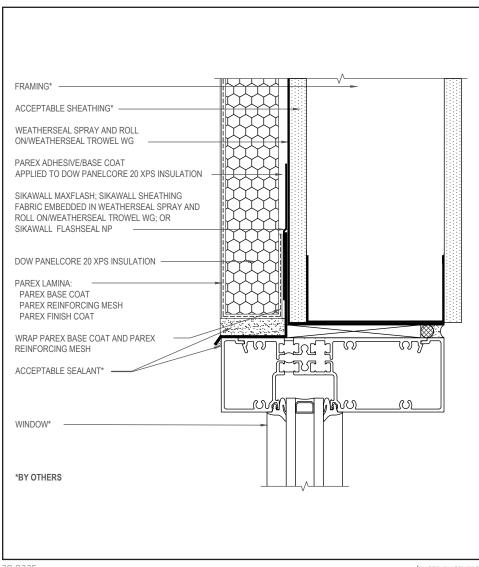
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







# TYPICAL WINDOW HEAD FLASHING WITH SEALANT END DAM



- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements.
   Reference Parex WeatherSeal published typical details
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.
- Do not apply finish in areas that will receive 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 board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap

  Mach.

  Mach

20 0325 (\*NOTE: BY OTHERS)

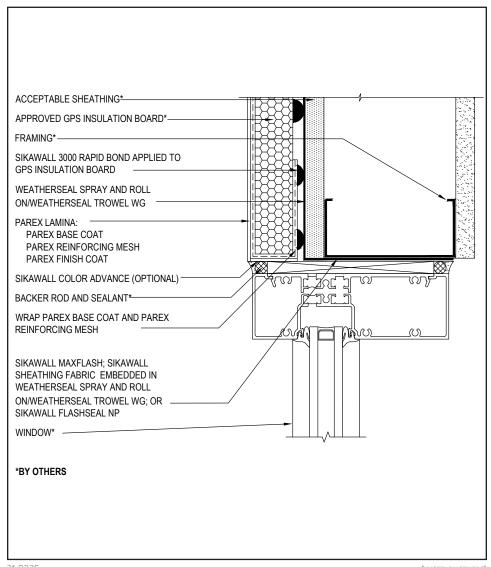
- Install Sika materials in accordance with current installation instructions.
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### **TYPICAL WINDOW JAMB (FLUSH)**



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical details for further information.
- 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).
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- 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.

21 0325 (\*NOTE: BY OTHERS)

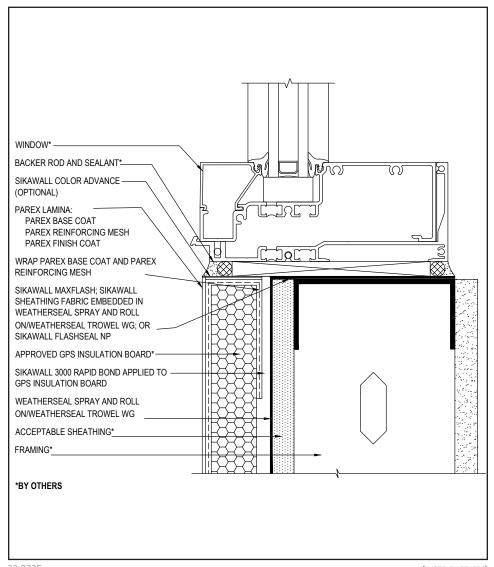
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### **TYPICAL WINDOW SILL (FLUSH)**



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical details
- 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).
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- 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.

22 0325 (\*NOTE: BY OTHERS)

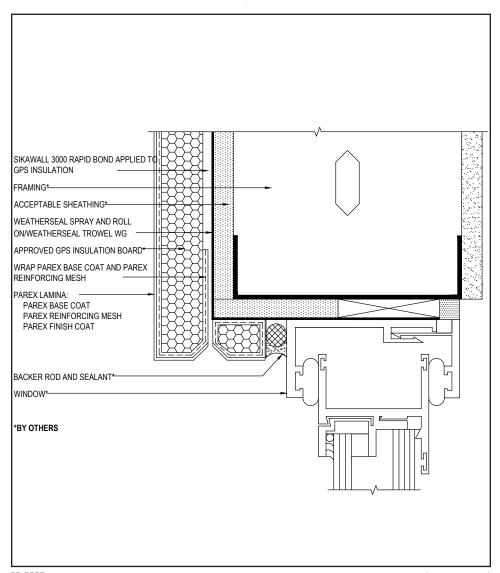
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### **TYPICAL WINDOW HEAD (RECESSED)**



- All terminations must be fully encapsulated with mesh reinforced base coat.
   Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Do not apply finish to areas that will receive sealant
- Ensure a means for drainage is provided at system termination at window head.
- 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).
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical details for further information.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.
- Reference Acceptable Sealants for Use with Parex Wall Systems Technical Bulletin for a list of sealants.

23 0325 (\*NOTE: BY OTHERS)

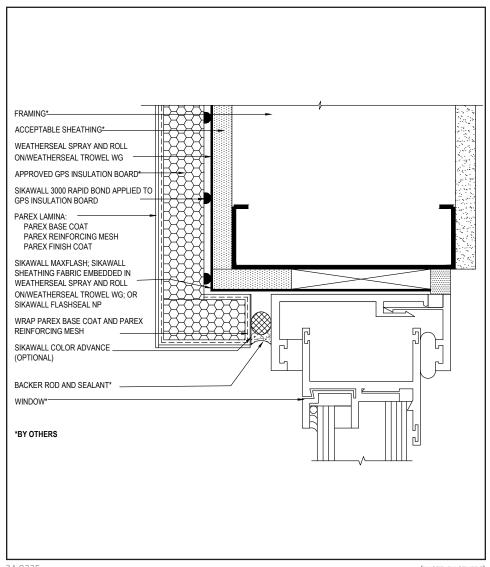
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### **TYPICAL WINDOW JAMB (RECESSED)**



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical details for further information.
- 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).
- Parex Transition Treatment Options: SikaWall Flash Seal MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall
   ND
- 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.

24 0325 (\*NOTE: BY OTHERS)

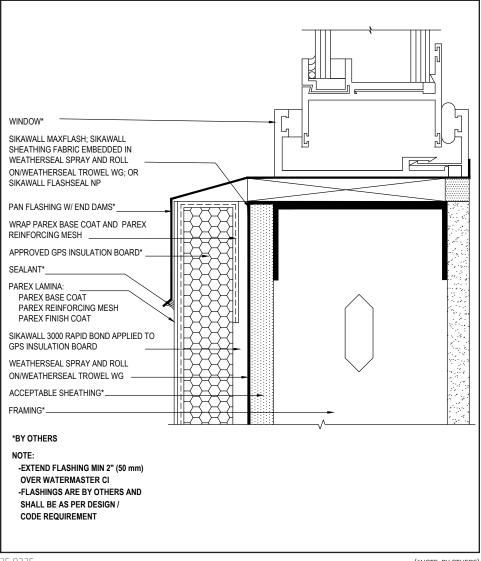
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### **TYPICAL WINDOW SILL (RECESSED)**



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Ensure water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to GPS insulation board application.
- Ensure that metal pan flashing extends onto the system a minimum of 2" (50 mm) down the face and that end dams are provided.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- 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.

25 0325 (\*NOTE: BY OTHERS)

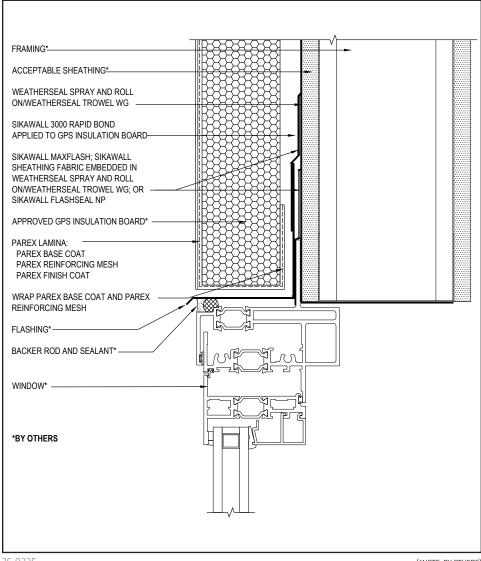
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL FLANGED 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 board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Ensure the window flange is treated with a Parex transition treatment.
- Ensure a means for drainage is provided at system termination at window head.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical details for further information.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

26 0325 (\*NOTE: BY OTHERS)

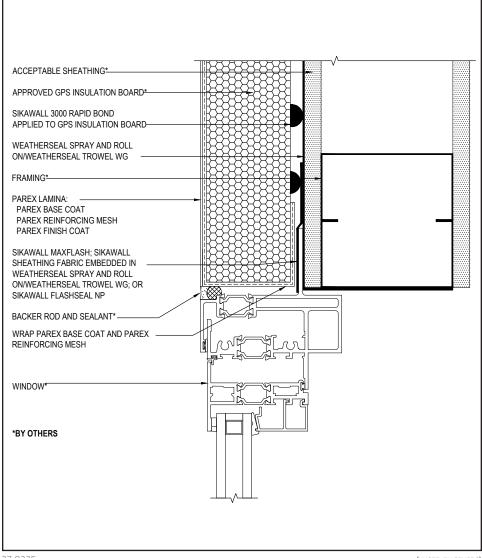
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL FLANGED WINDOW JAMB



- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 21/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Ensure the window flange is treated with a Parex transition treatment.
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- 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).
- Prior to window and GPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal published typical details.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

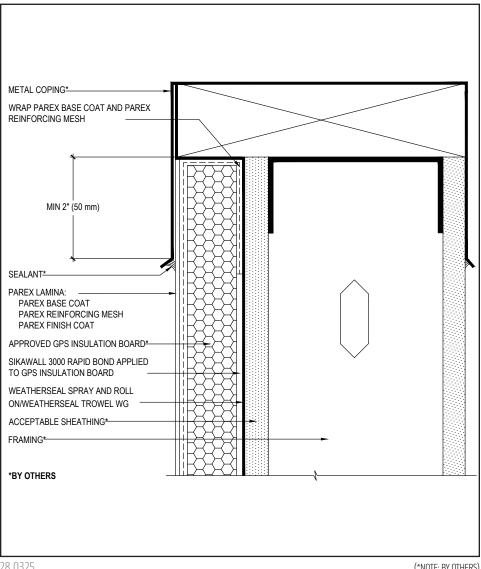
27 0325 (\*NOTE: BY OTHERS)

- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





### TYPICAL COPING



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap
- Ensure that metal coping/ flashing extends onto the system a minimum of 2" (50 mm) down the face.
- Extend Parex WeatherSeal or SikaWall MaxFlash onto bottom of blocking or provide alternate air seal at sheathing termination to
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

28 0325 (\*NOTE: BY OTHERS)

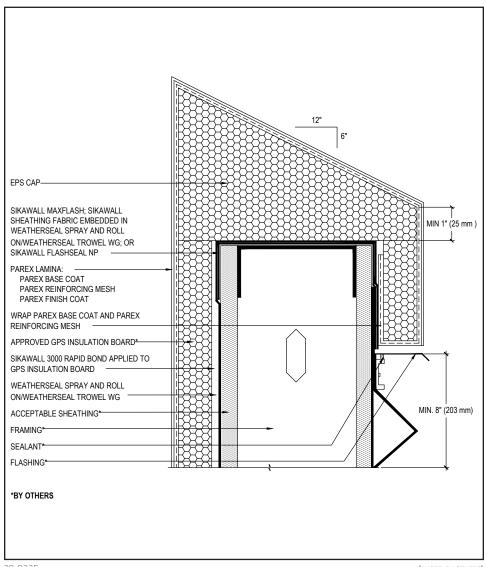
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL PARAPET CAP



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- Provide a minimum 6:12 slope for all horizontal surfaces. Parex requires the use of a roofing system or metal cap flashing for sloped surfaces over 24" (610 mm).
- Additional layers of mesh reinforced base coat is recommended when sloped surfaces exceed 12" (305 mm).
- Ensure a means for drainage is provided at system termination.
- Terminate system a minimum of 8" (203 mm) above flat roof. Roofing material shall not extend above the flashing flange.
- Maintain a minimum 1" (25 mm) thick GPS insulation board.
- Parex Joint Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

29 0325 (\*NOTE: BY OTHERS)

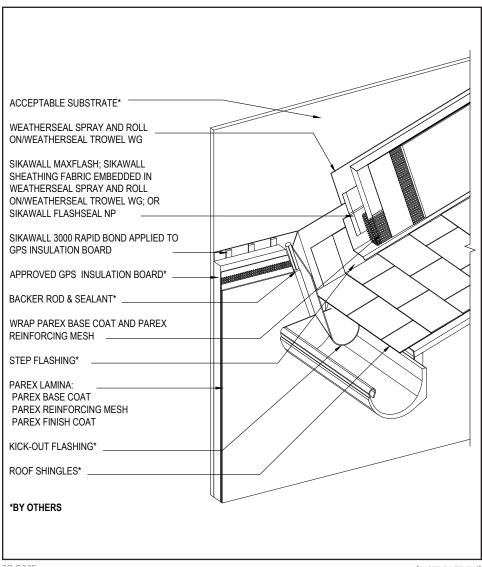
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- 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
- Parex Transition Treatment Options: SikaWall MaxFlash, SikaWall Sheathing Fabric embedded in Parex WeatherSeal or SikaWall Flash Seal NP.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

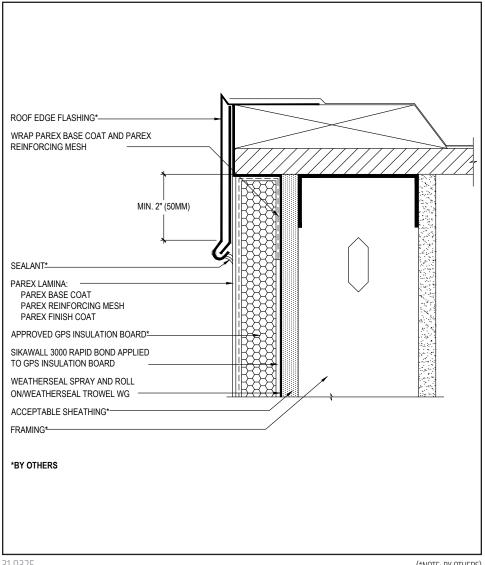
30 0325 (\*NOTE: BY OTHERS)

- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





### TYPICAL ROOF EDGE FLASHING



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Ensure that metal coping/flashing extends onto the system a minimum of 2" (50 mm) down the face.
- Extend Parex WeatherSeal or SikaWall
  MaxFlash onto bottom of blocking or provide
  alternate air seal at sheathing termination to
  blocking.
- Reference Acceptable Sealants for use with Parex Wall Systems Technical Bulletin for a list of sealants.

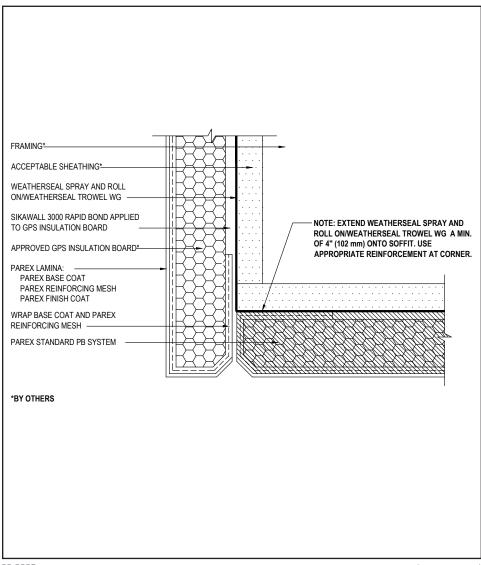
31 0325 (\*NOTE: BY OTHERS)

- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





### TYPICAL SECTION AT FASCIA - SOFFIT



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh.
- Extend Parex WeatherSeal a minimum of 4"
   (100mm) onto soffit. If necessary for air barrier
   continuity Parex WeatherSeal can be applied
   over entire soffit.
- Ensure a means of drainage is provided at system termination at soffit/fascia transition.

32 0325 (\*NOTE: BY OTHERS)

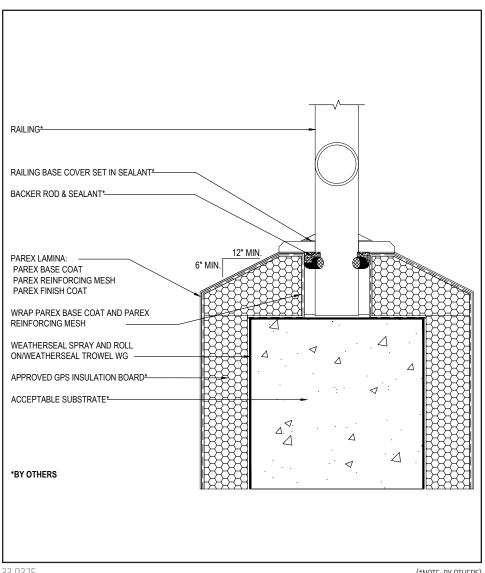
- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.







### TYPICAL CORE MOUNTED RAILING ATTACHMENT



- 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.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Parex base coat and SikaWall Detail Backwrap Mesh
- 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.

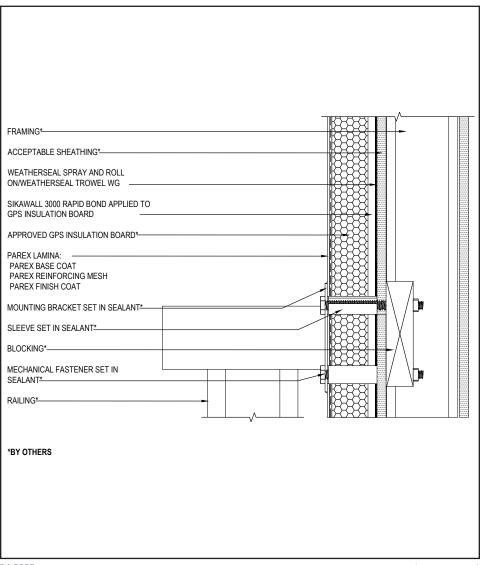
33 0325 (\*NOTE: BY OTHERS)

- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





### TYPICAL HAND RAIL ATTACHMENT



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

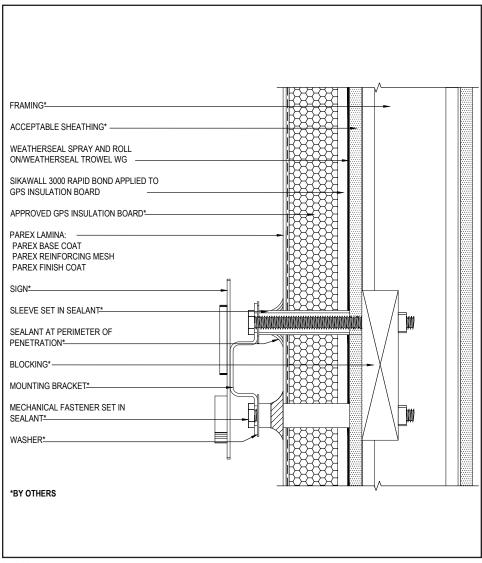
34 0325 (\*NOTE: BY OTHERS)

- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





### **TYPICAL SIGN ATTACHMENT**



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

35 0325 (\*NOTE: BY OTHERS)

- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.





#### 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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