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Parex Panel System MVS-CI

Typical 2D Details

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Parex Panel System MVS-CI

Typical 2D Details

Table of Contents

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.**

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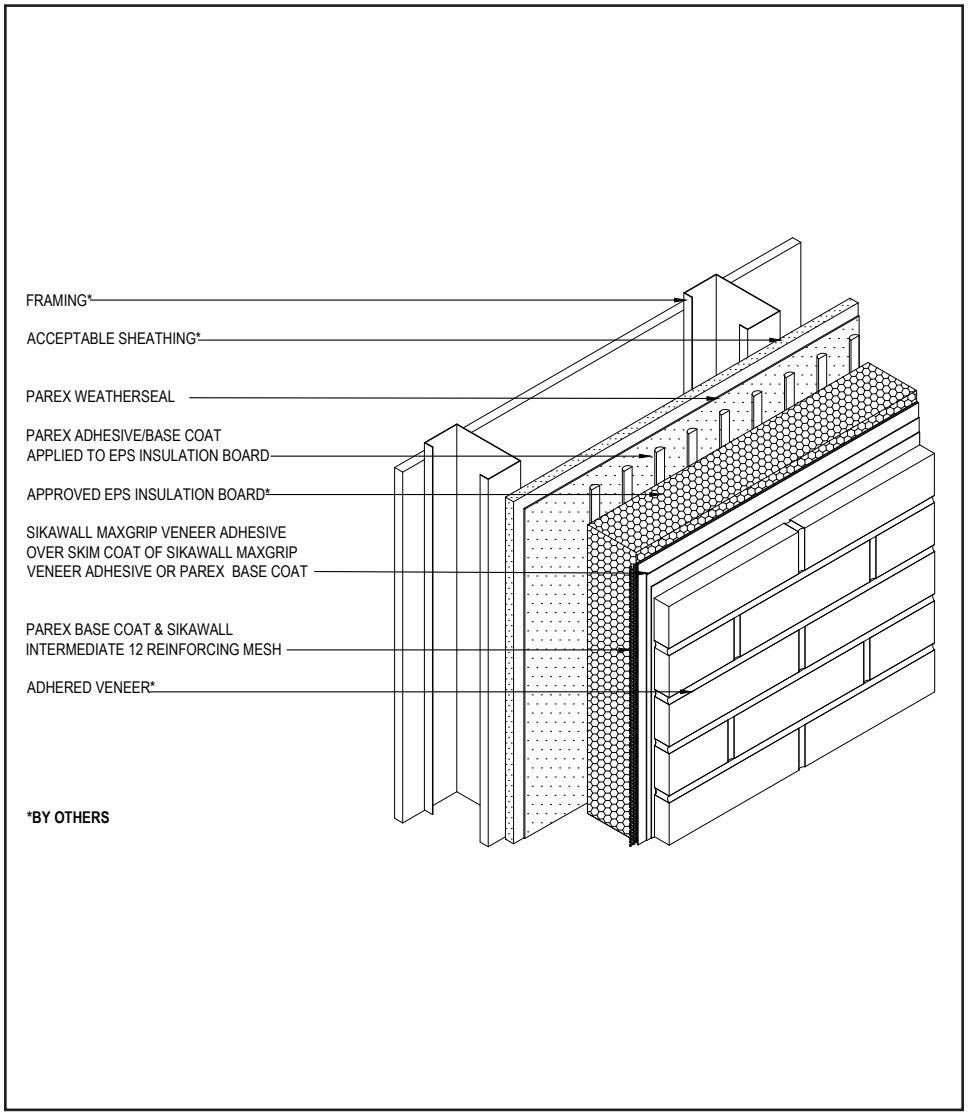
TYPICAL APPLICATION (ISOMETRIC)



- Adhered veneer shall not exceed 15 lbs. (6.8 kg) per sq. ft.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means of drainage is provided at horizontal system terminations including at panel to panel joints.

01 0524

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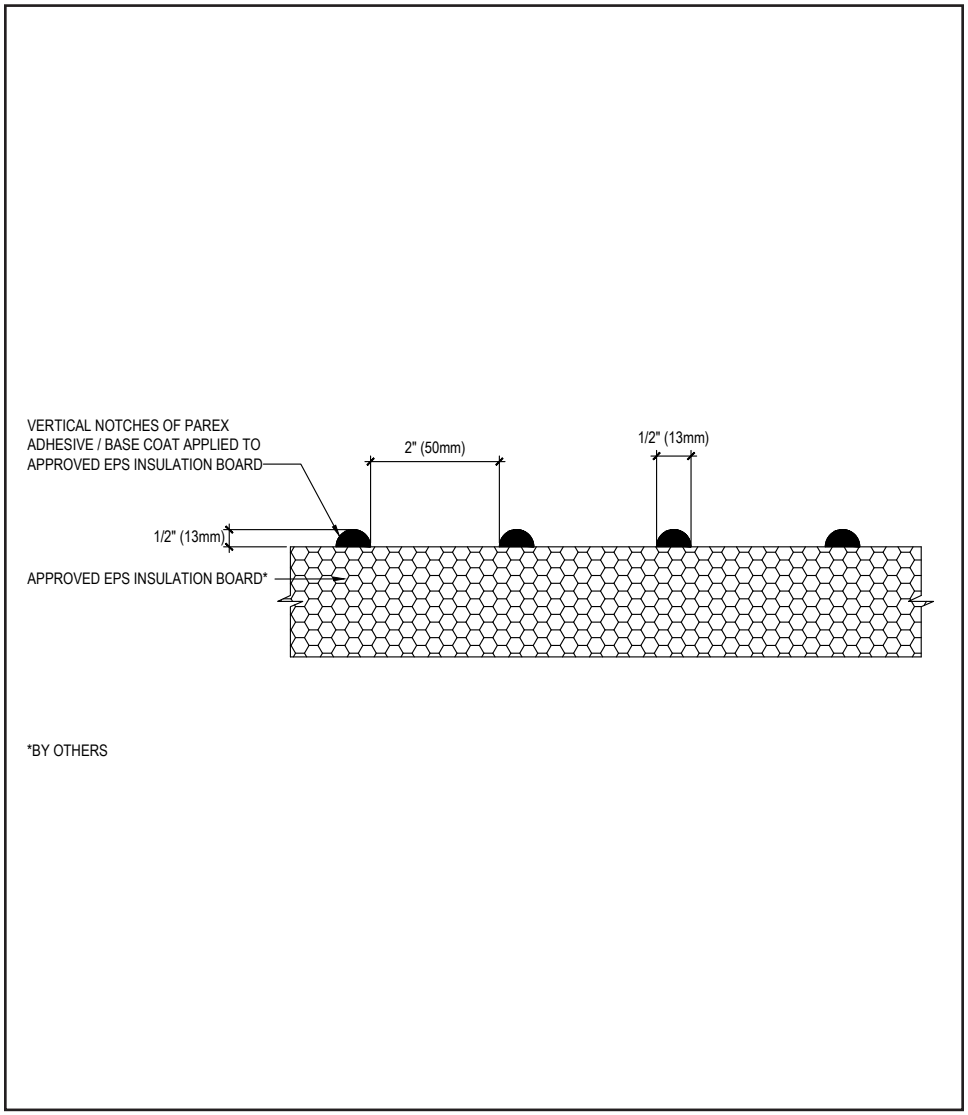
TYPICAL CHANNELED ADHESIVE PROFILE



- Apply mixed Parex 121 adhesive/base coat 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 EPS insulation board to ensure they are vertical when the EPS insulation board is applied to the substrate.
- Set EPS 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.

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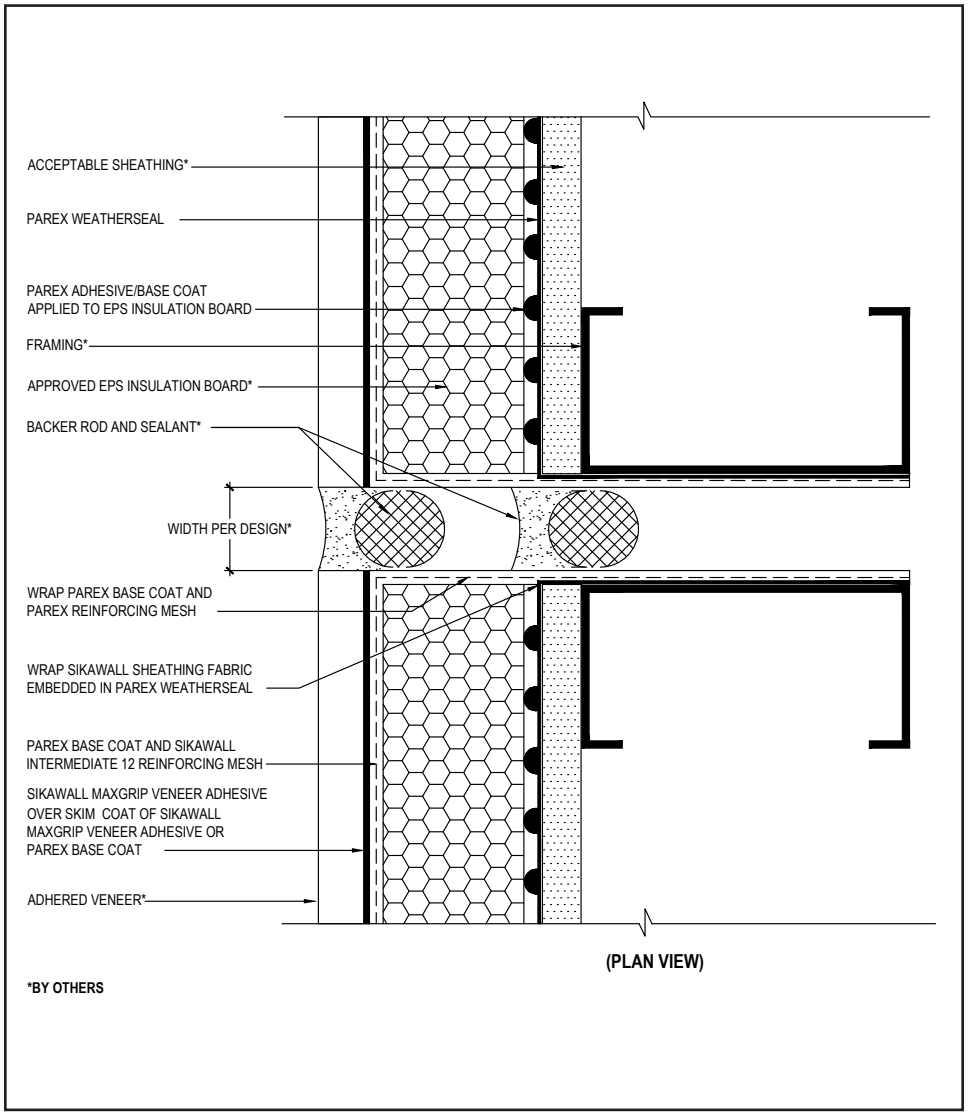
TYPICAL VERTICAL PANEL TO PANEL JOINT



- Edge wrap Parex air/water-resistive barrier on to the stud using SikaWall Sheathing Fabric. If punched studs are used, ensure the punchout is treated with SikaWall FlashSeal NP.
- Edge wrap Parex 121 base coat and reinforcing mesh on to the stud.

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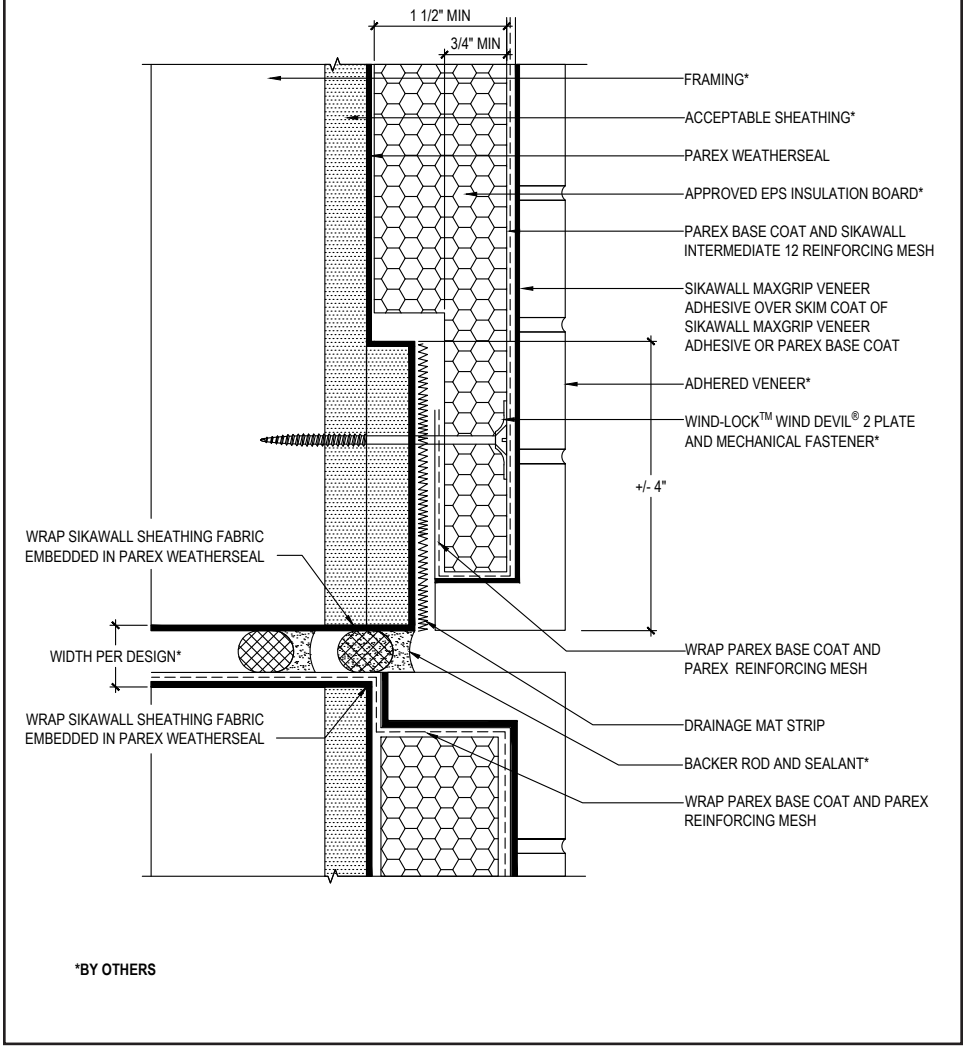
TYPICAL PANEL TO PANEL JOINT WITH CONCEALED CONTINUOUS DRAINAGE



- Minimum EPS insulation thickness prior to notching must be no less than 1.5" (38mm). Ensure ¾" (19mm) EPS thickness is maintained.
- Edge wrap Parex air/water-resistive barrier on to the track using SikaWall Sheathing Fabric.
- Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Edge wrap Parex 121 base coat and reinforcing mesh on to the track at non drainage termination only.
- Install backer rod and sealant at panel to panel connection ensuring a watertight seal is achieved (width per design).
- Reference *Acceptable Sealants for use with Parex* Technical Bulletin for a list of sealants.

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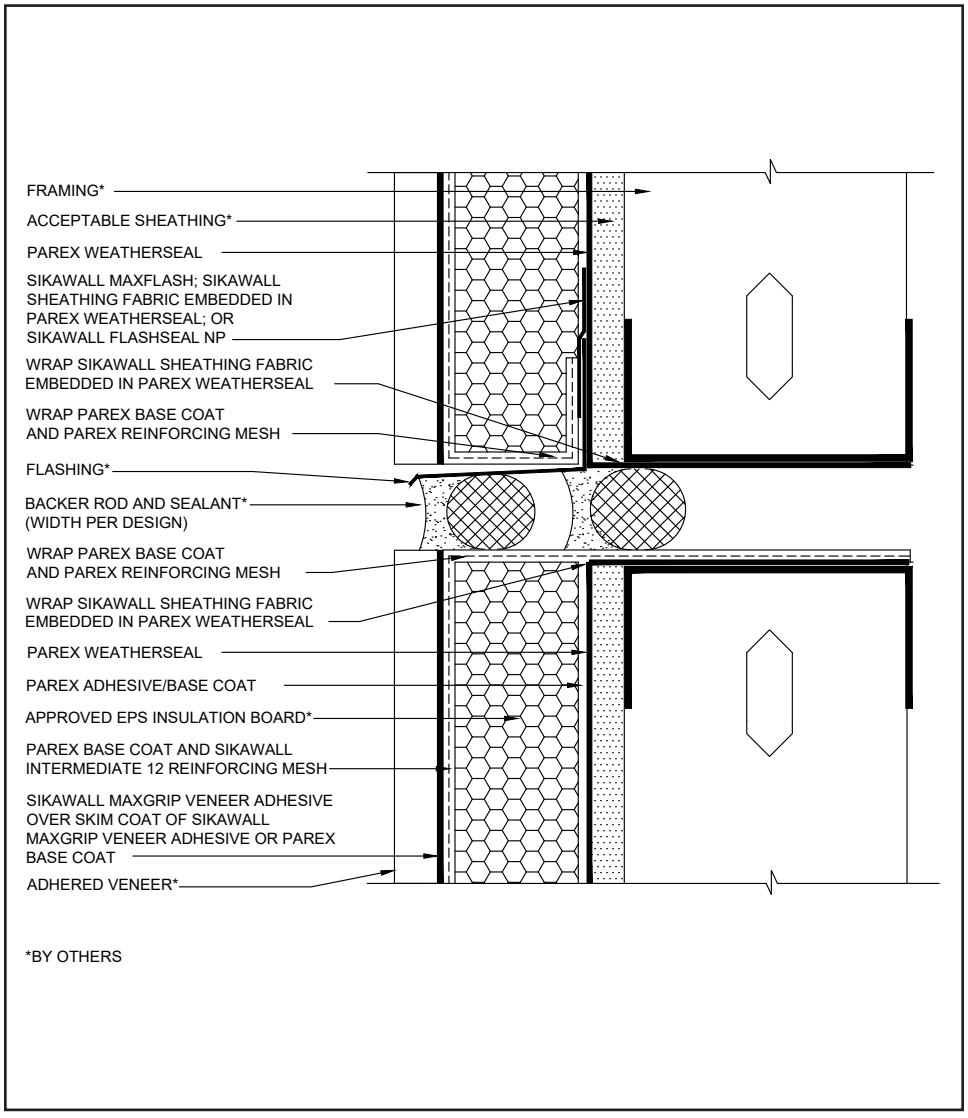
TYPICAL PANEL TO PANEL JOINT WITH FLASHING



- Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Edge wrap Parex air/water-resistive barrier on to the track using SikaWall Sheathing Fabric.
- Edge wrap Parex base coat and reinforcing mesh on to the track at non drainage termination only.
- Install backer rod and sealant at panel to panel connection ensuring a watertight seal is achieved (width per design).
- Reference *Acceptable Sealants for use with Parex* Technical Bulletin for a list of sealants.

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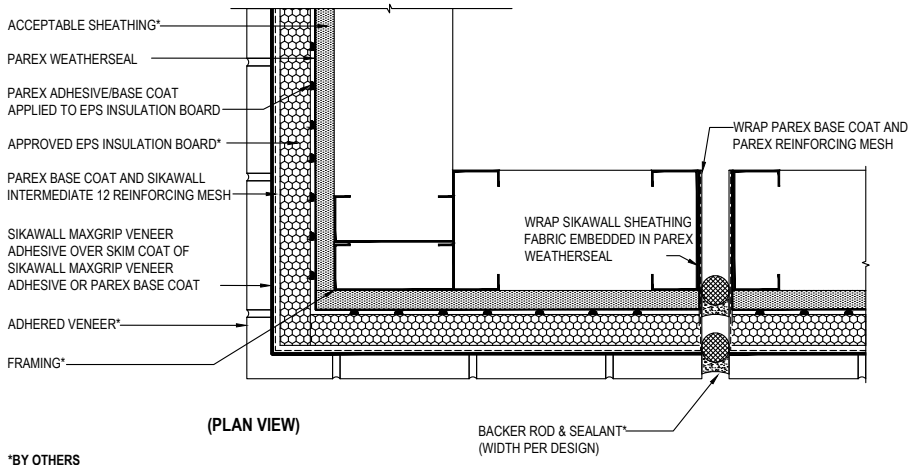
TYPICAL OUTSIDE CORNER



- Edge wrap Parex air/water-resistive barrier on to the stud using Sheathing Fabric.
- Edge wrap Parex 121 base coat and reinforcing mesh on to the stud.
- SikaWall Intermediate 12 reinforcing mesh is lapped a minimum of 8" (203 mm) around corners.
- Install backer rod and sealant at panel to panel connection ensuring a watertight seal is achieved (width per design).
- Reference *Acceptable Sealants for use with Parex* Technical Bulletin for a list of sealants.

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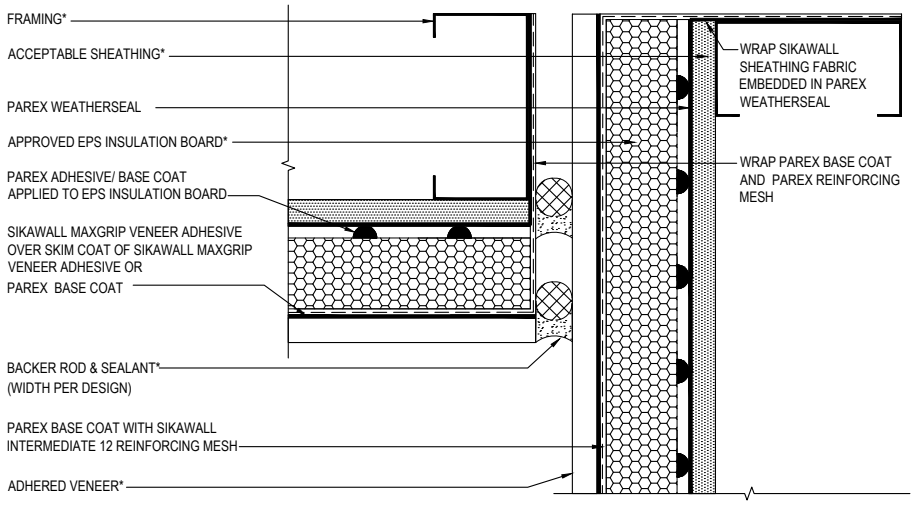
TYPICAL INSIDE CORNER



(PLAN VIEW)

*BY OTHERS

- Edge wrap Parex air/water-resistive barrier on to the stud using Sheathing Fabric.
- Edge wrap Parex 121 base coat and reinforcing mesh on to the stud.
- Install backer rod and sealant at panel to panel connection ensuring a watertight seal is achieved (width per design).
- Reference *Acceptable Sealants for use with Parex* Technical Bulletin for a list of sealants.

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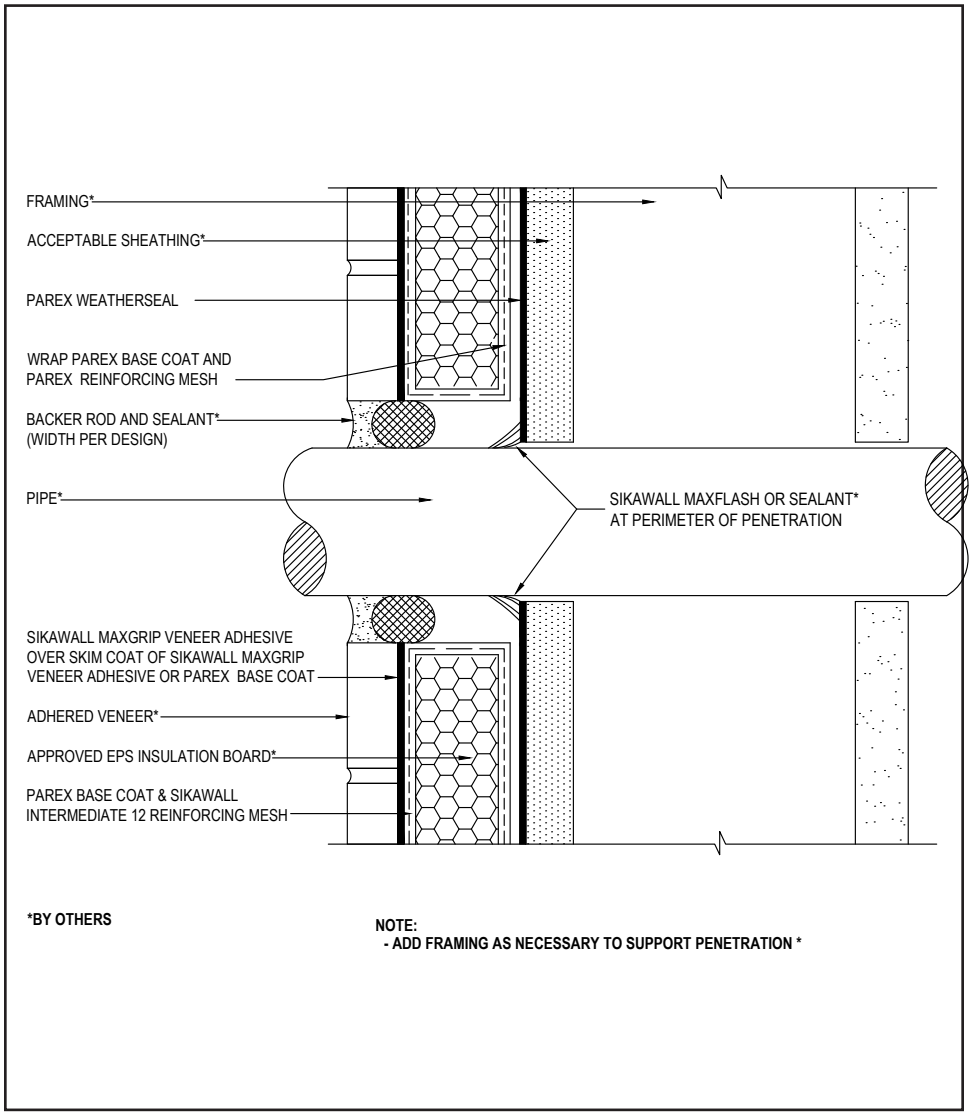
TYPICAL PIPE PENETRATION



- All terminations must be encapsulated with mesh reinforced base coat.
- Provide a continuous air seal around perimeter of penetration prior to EPS insulation board application.
- Ensure all penetrations into the system are properly sealed. Reference *Acceptable Sealants for use with Parex* Technical Bulletin for a list of sealants.

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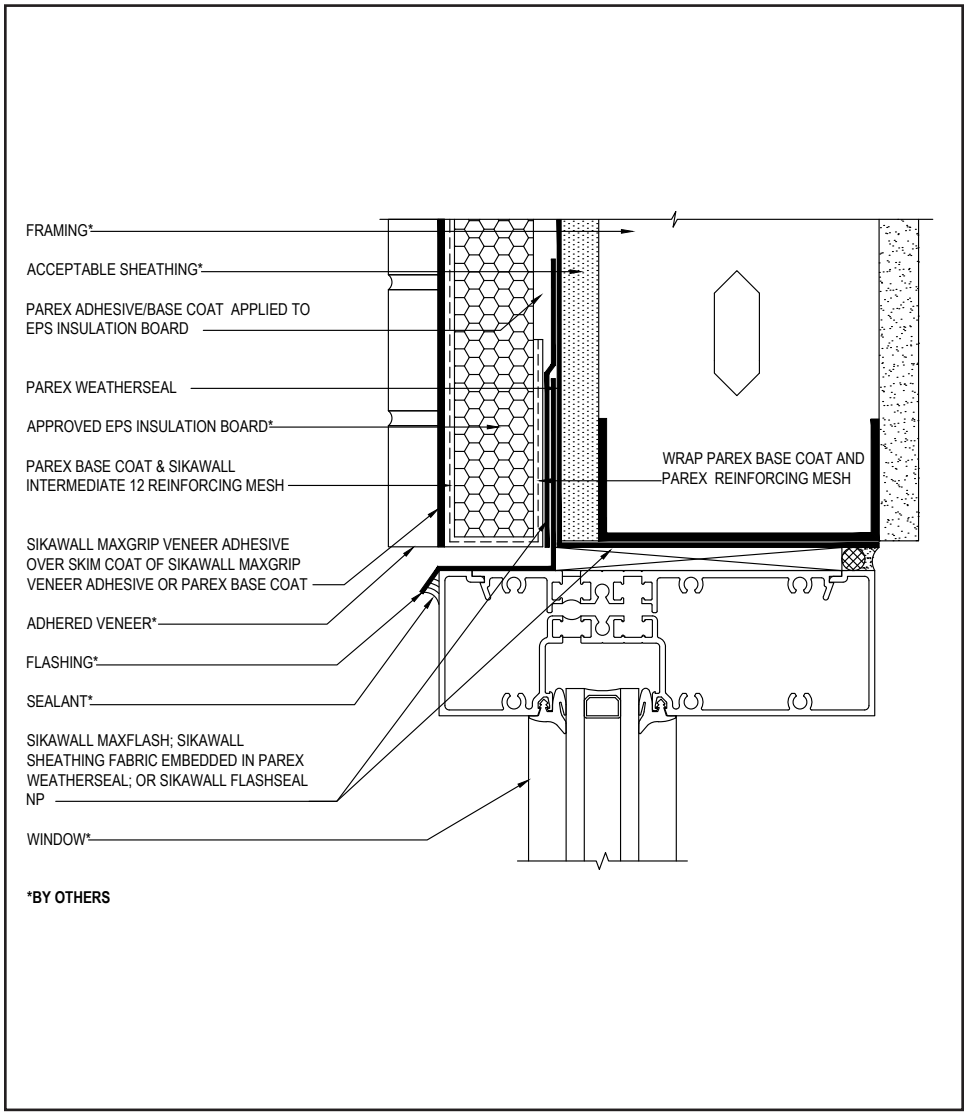
TYPICAL WINDOW HEAD (FLUSH)



- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spary and Roll On published typical details.
- Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Ensure a means of drainage is provided at system termination at window head.
- Provide end-dams at flashing termination.

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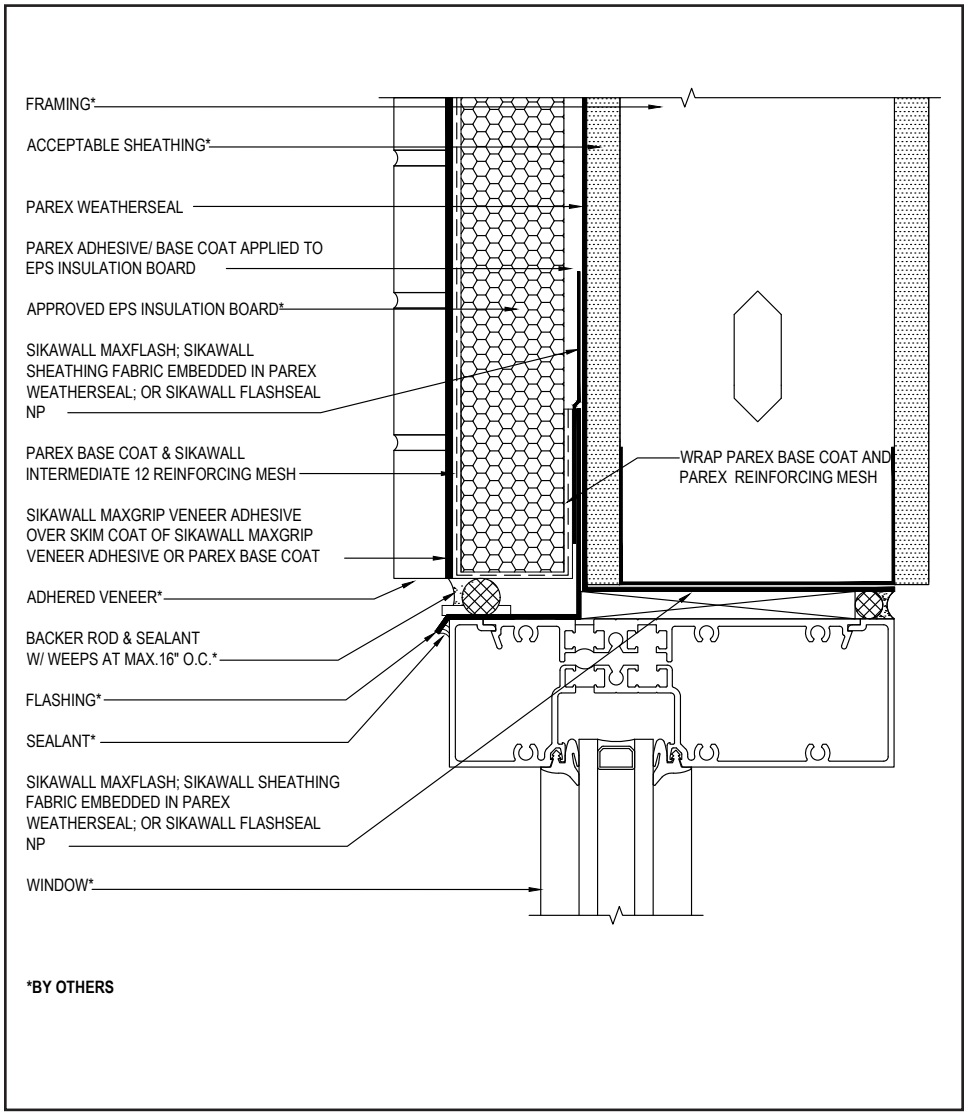
TYPICAL WINDOW HEAD WITH WEEP TUBES (FLUSH)



- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spray and Roll On published typical details.
- Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Ensure a means of drainage is provided at system termination at window head.
- Provide end-dams at flashing termination.
- Place weep tubes a maximum 16" (406mm) on center.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

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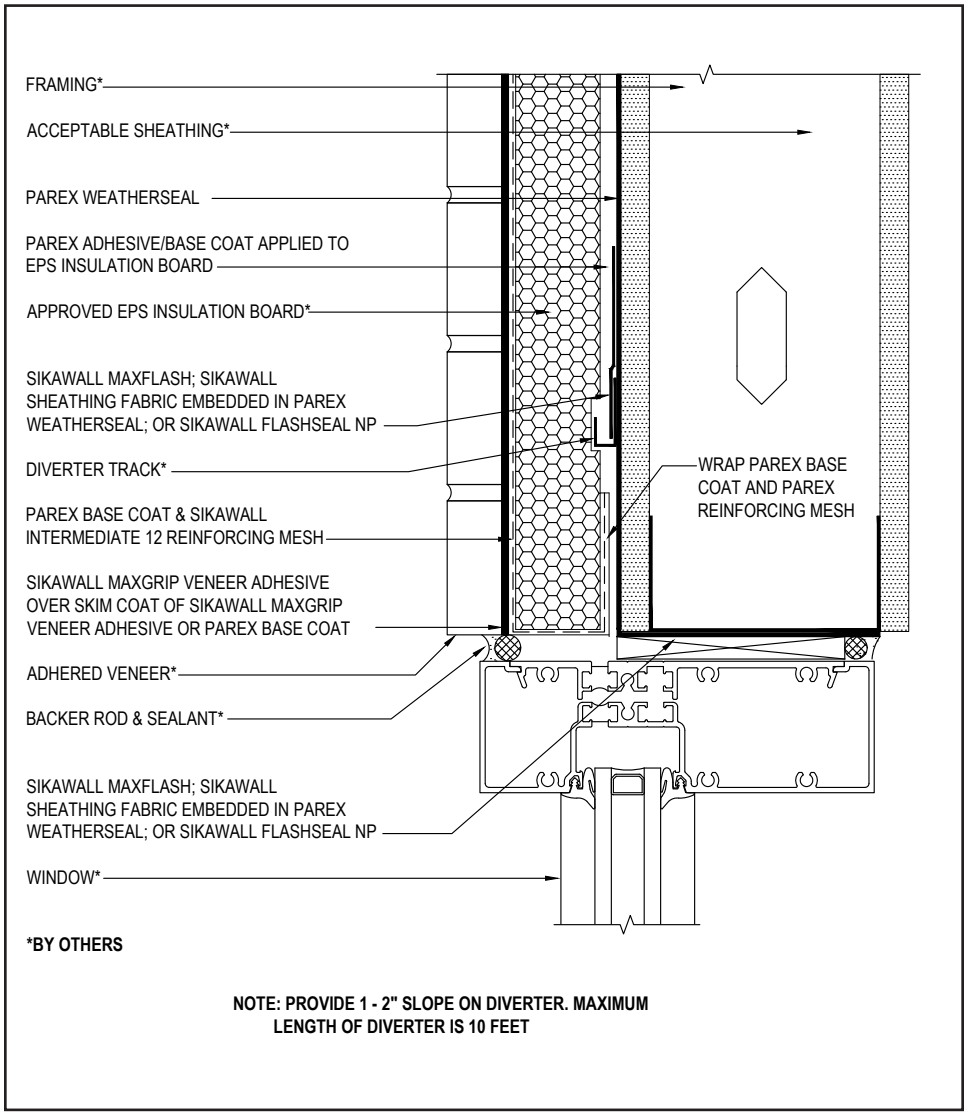
TYPICAL WINDOW HEAD WITH DIVERTER TRACK (FLUSH)



- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spray and Roll On published typical details.
- 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.
- Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Minimum EPS insulation thickness prior to notching must be no less than 1.5" (38mm). Ensure ¾" (19mm) EPS thickness is maintained.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

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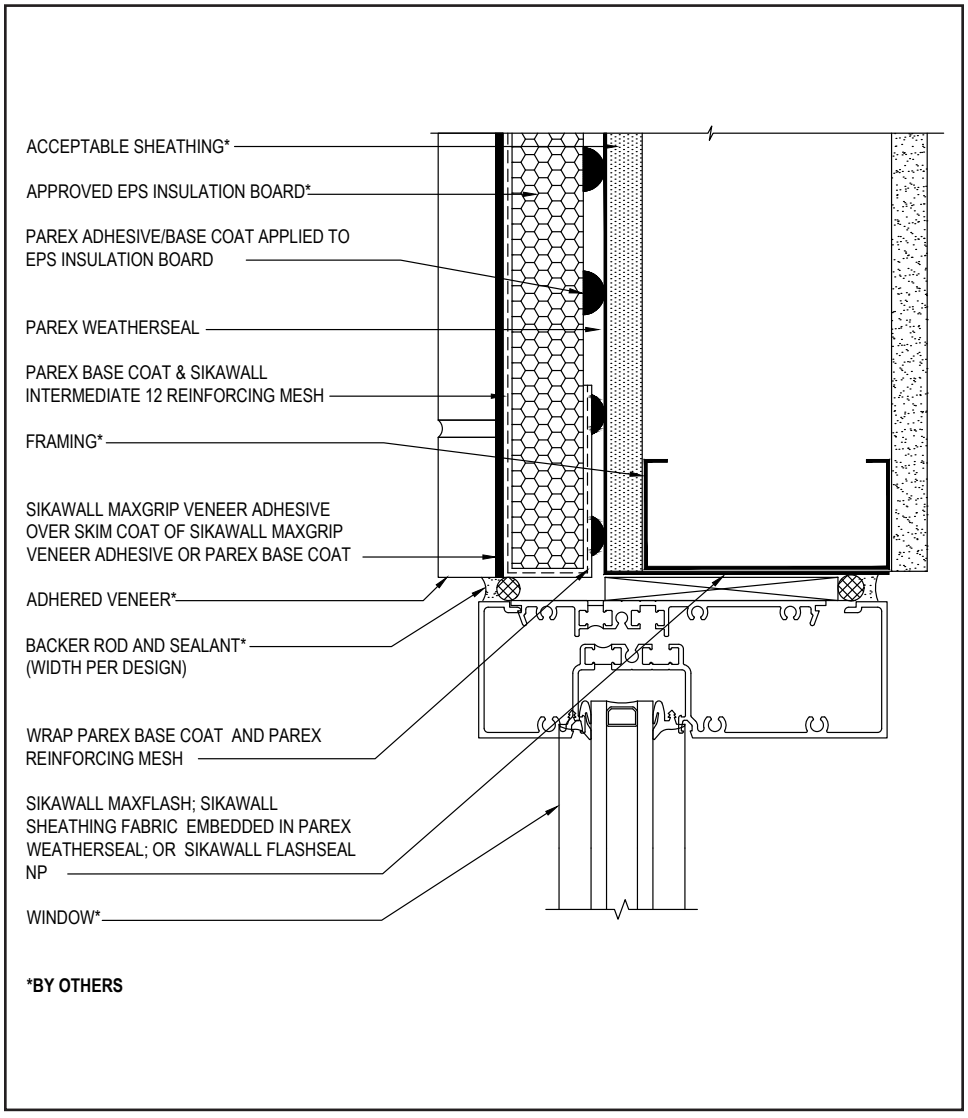
TYPICAL WINDOW JAMB (FLUSH)



- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spray and Roll On published typical details. If punched studs are used, ensure the punchout is treated with SikaWall Flash Seal NP.
- All terminations must be fully encapsulated with mesh reinforced base coat. Edge wrap onto stud or extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Provide a back wrapped or edge wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved (width per design).
- Reference *Acceptable Sealants for use with Parex* 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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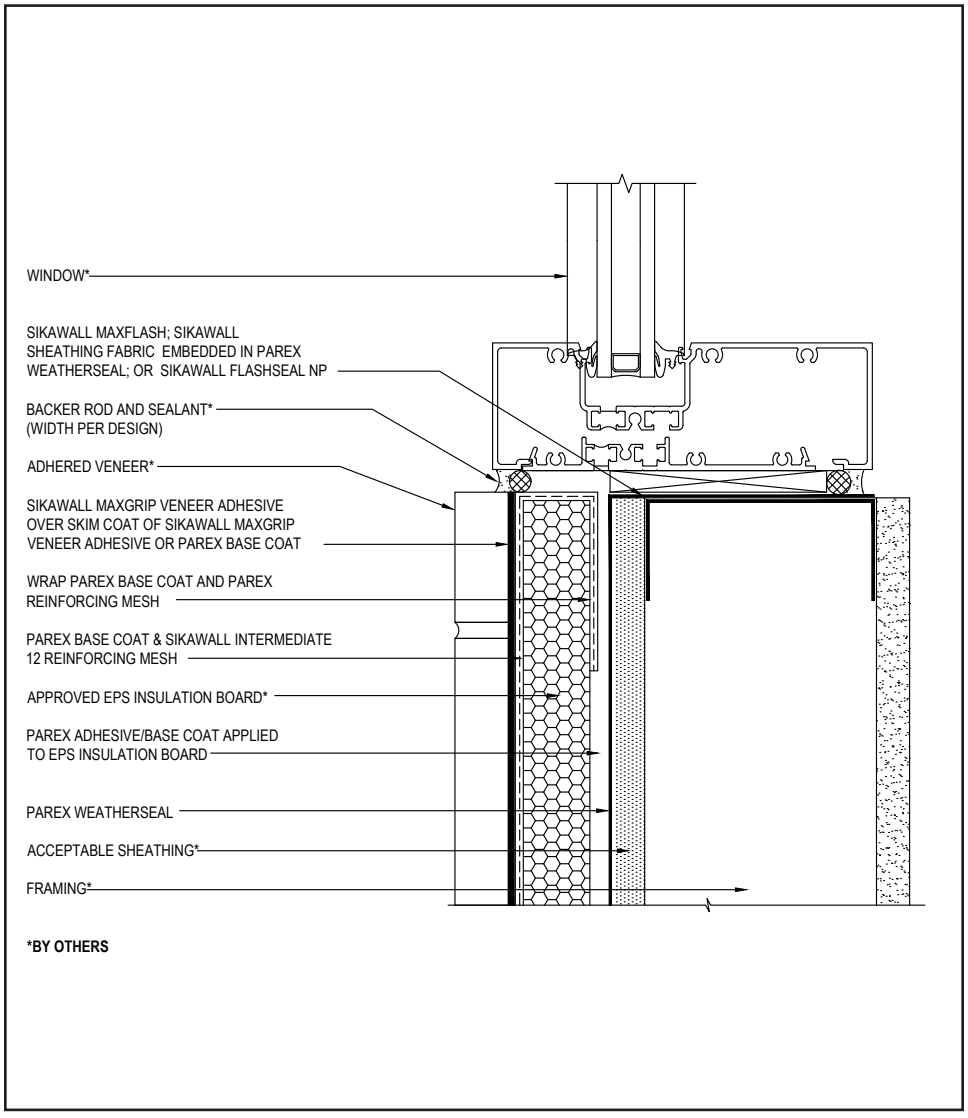
TYPICAL WINDOW SILL (FLUSH)



- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spray and Roll On published typical details.
- All terminations must be fully encapsulated with mesh reinforced base coat. Edge wrap onto track or extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Provide a back wrapped or edge wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved (width per design).
- Reference *Acceptable Sealants for use with Parex* 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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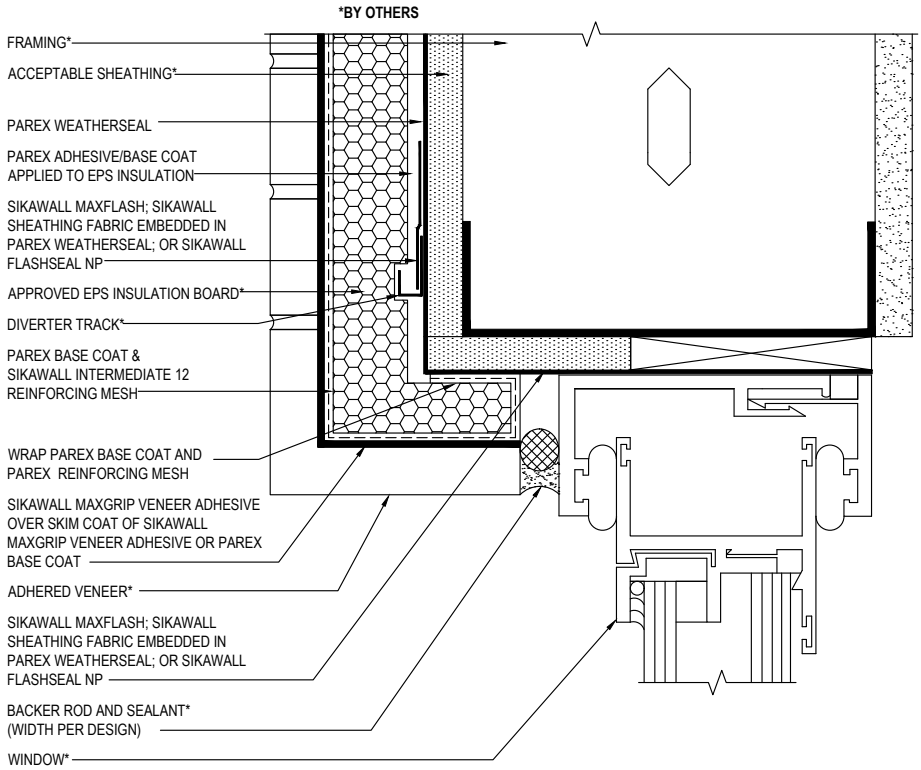
TYPICAL WINDOW HEAD (RECESSED)



- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spary and Roll On published typical details.
- Ensure a means of 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 watertight seal is achieved (width per design).
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.
- 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.
- Minimum EPS insulation thickness prior to notching must be no less than 1.5" (38mm). Ensure ¾" (19mm) EPS thickness is maintained.

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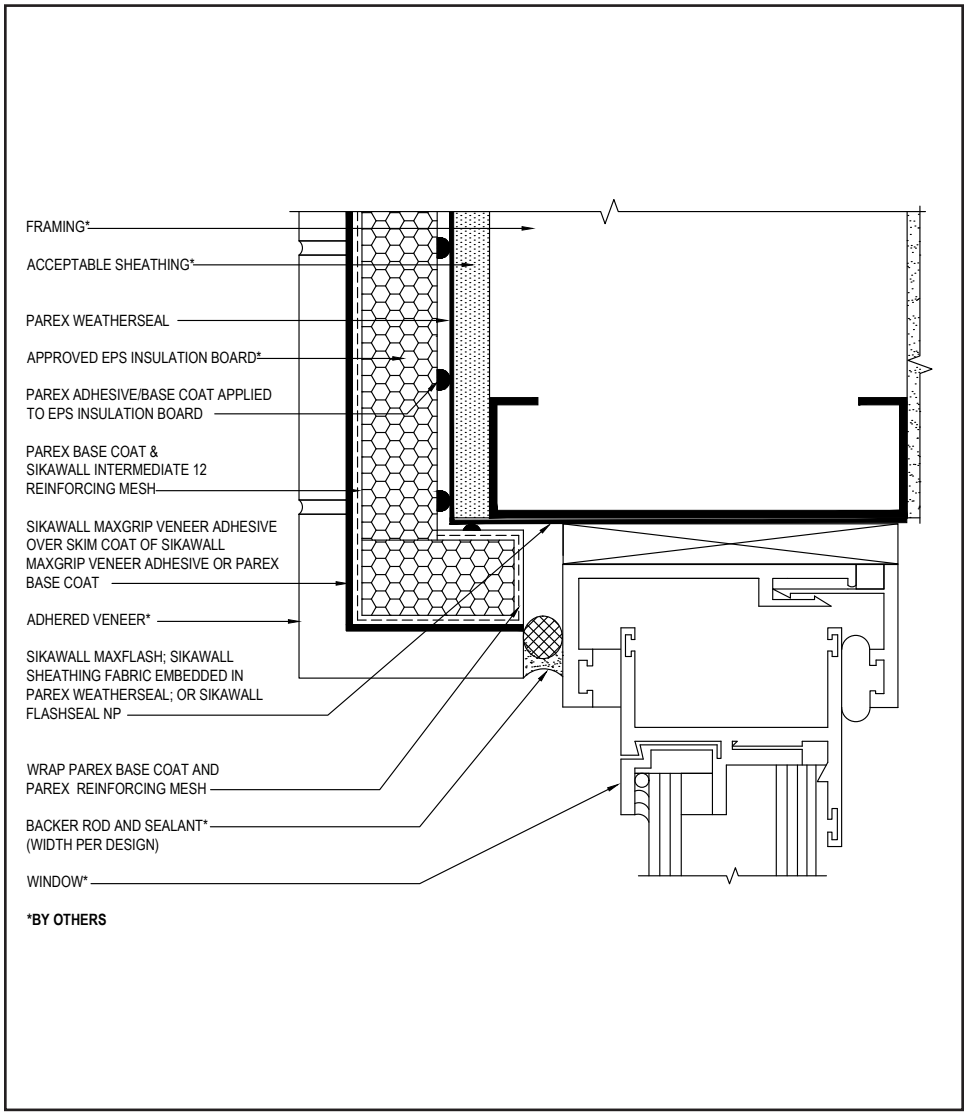
TYPICAL WINDOW JAMB (RECESSED)



- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spray and Roll On published typical details. If punched studs are used, ensure the punchout is treated with SikaWall Flash Seal NP.
- All terminations must be fully encapsulated with mesh reinforced base coat. Edge wrap onto stud or extend reinforcing mesh a minimum of 2 ½" onto back of insulation board.
- Provide a back wrapped or edge wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved (width per design).
- Reference *Acceptable Sealants for use with Parex* 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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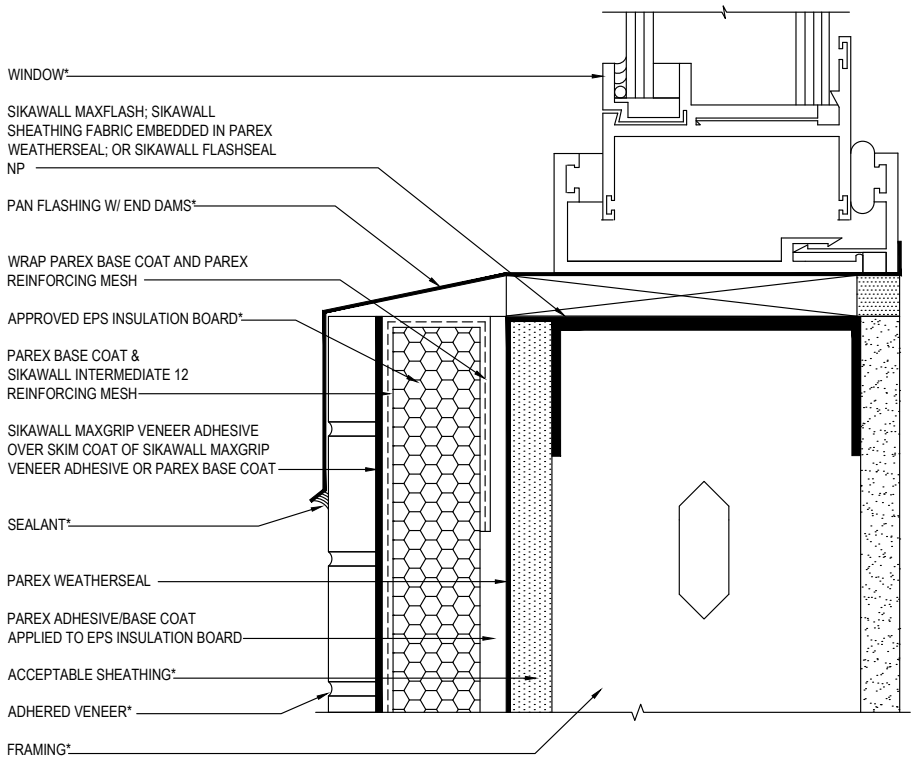
TYPICAL WINDOW SILL (RECESSED)



***BY OTHERS**

NOTES:
-EXTEND FLASHING MIN 2" (50 mm) OVER CHANNELED ADHESIVE CI WITH MAXGRIP VENEER ADHESIVE
-FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN /CODE REQUIREMENT

16 0524

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- Prior to window and EPS installation, ensure water-resistive barrier is properly applied into the rough openings in accordance with Parex application guidelines and code requirements. Reference Parex WeatherSeal Spray and Roll On published typical details.
- All terminations must be fully encapsulated with mesh reinforced base coat. Edge wrap onto track or extend reinforcing mesh a minimum of 2 ½" onto back of insulation board
- Metal pan flashing shall extend over the system a minimum of 2" (50 mm) down the face. Pan flashing shall include back and end dams. End dams shall be treated with Parex weather barrier products at interface with jamb framing.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

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