

**Senergy**<sup>®</sup>



**Senerflex Channeled Adhesive CI Design  
with DensElement<sup>®</sup> Sheathing**  
Continuously Insulated System

Typical Details 2D

BUILDING TRUST



# Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

## Typical Details 2D

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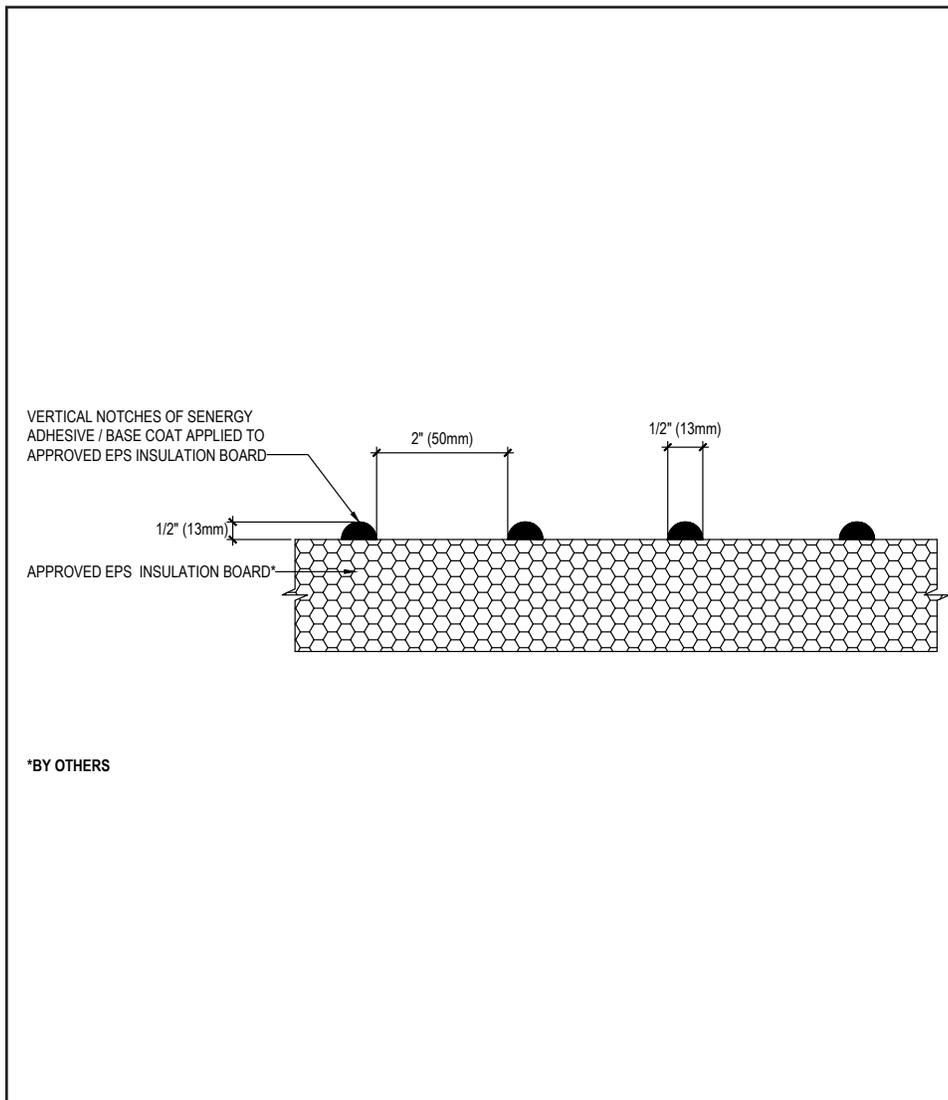
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### Notes:

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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.**
- **DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature, which provides the authoritative guidelines for system components, transitions, flashing, and detailing. For all questions or clarifications related to Georgia-Pacific DensElement® Sheathing and DensDefy® flashing products, including installation requirements, limitations, or project-specific applications, please contact Georgia-Pacific directly at 800-225-6119 or [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.**

# Senerflex Channeled Adhesive CI Design with DensElement<sup>®</sup> Sheathing

## TYPICAL CHANNELED ADHESIVE PROFILE



- Apply mixed Senergy 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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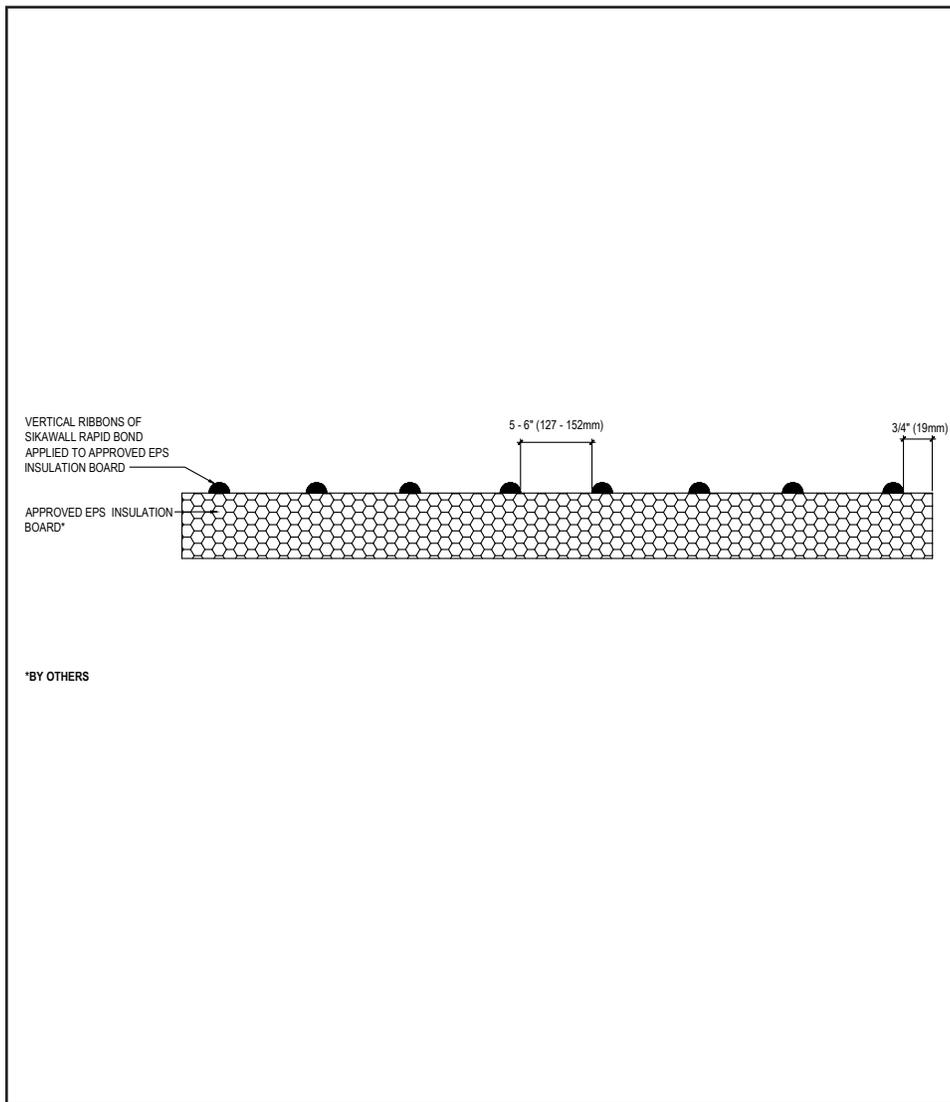
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# Senerflex Channeled Adhesive CI Design with DensElement<sup>®</sup> Sheathing

## TYPICAL SIKAWALL RAPID BOND PATTERN



- Apply a ribbon of SikaWall Rapid Bond to each end of the (2' x 4') 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 1/2" 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.

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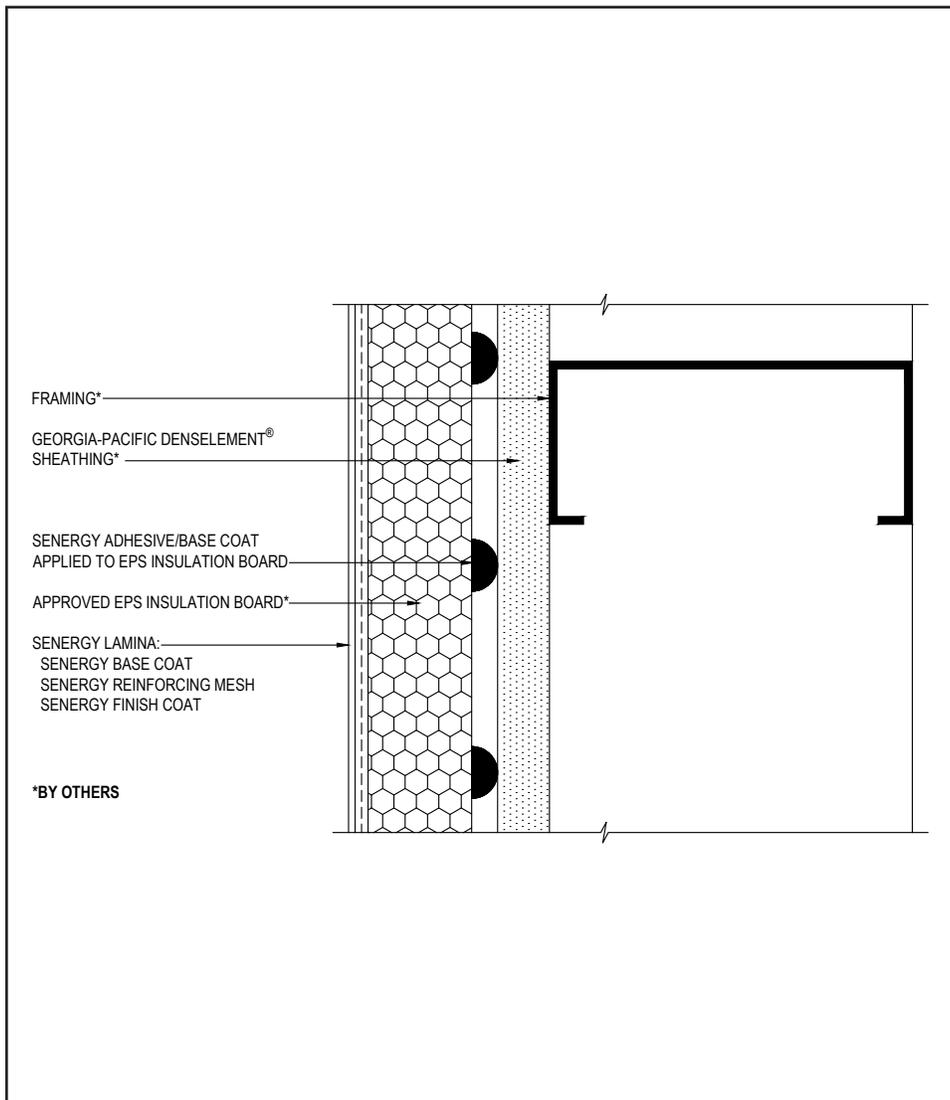
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# Senerflex Channeled Adhesive CI Design with DensElement<sup>®</sup> Sheathing

## TYPICAL APPLICATION OVER FRAMING



- All terminations must be fully encapsulated with mesh reinforced base coat. Pre-backwrapping 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.
- DensElement<sup>®</sup> Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information..

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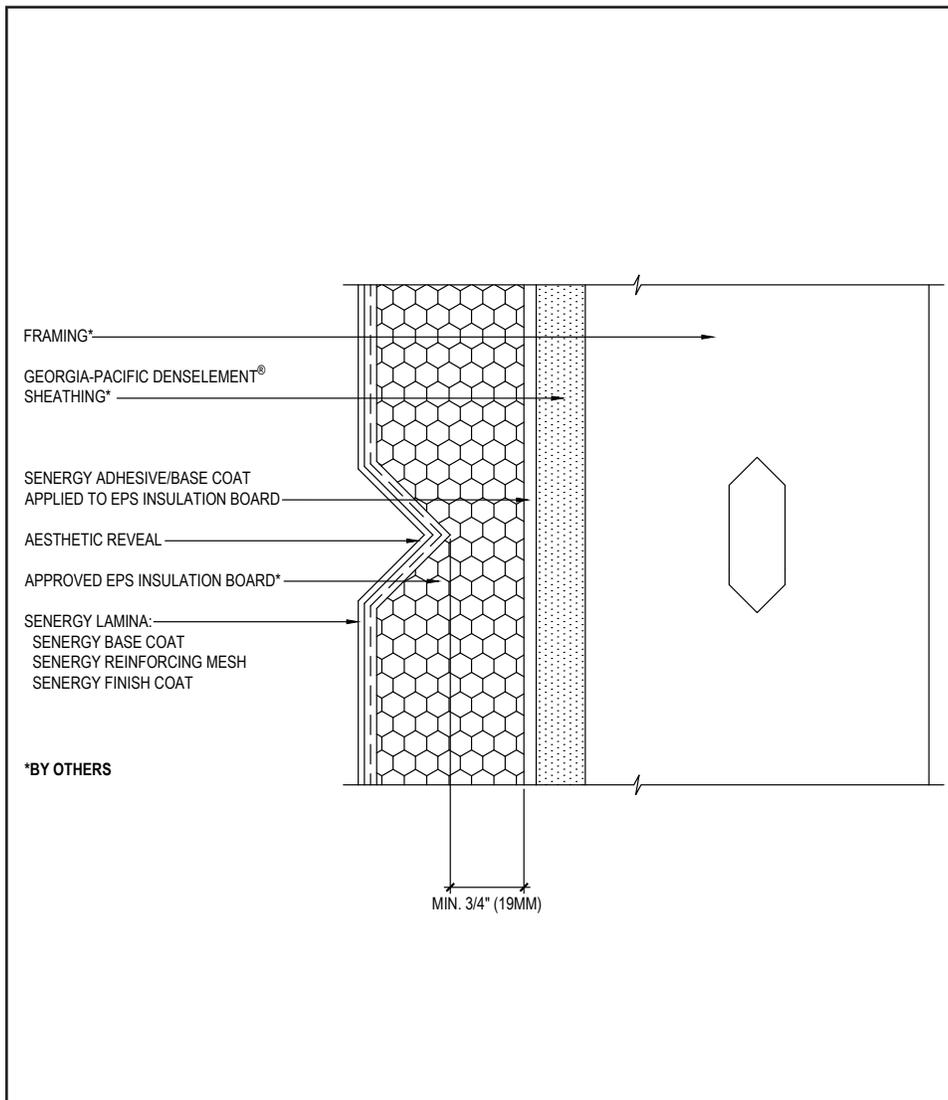
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# Senerflex Channeled Adhesive CI Design with DensElement<sup>®</sup> Sheathing

## 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.
- DensElement<sup>®</sup> Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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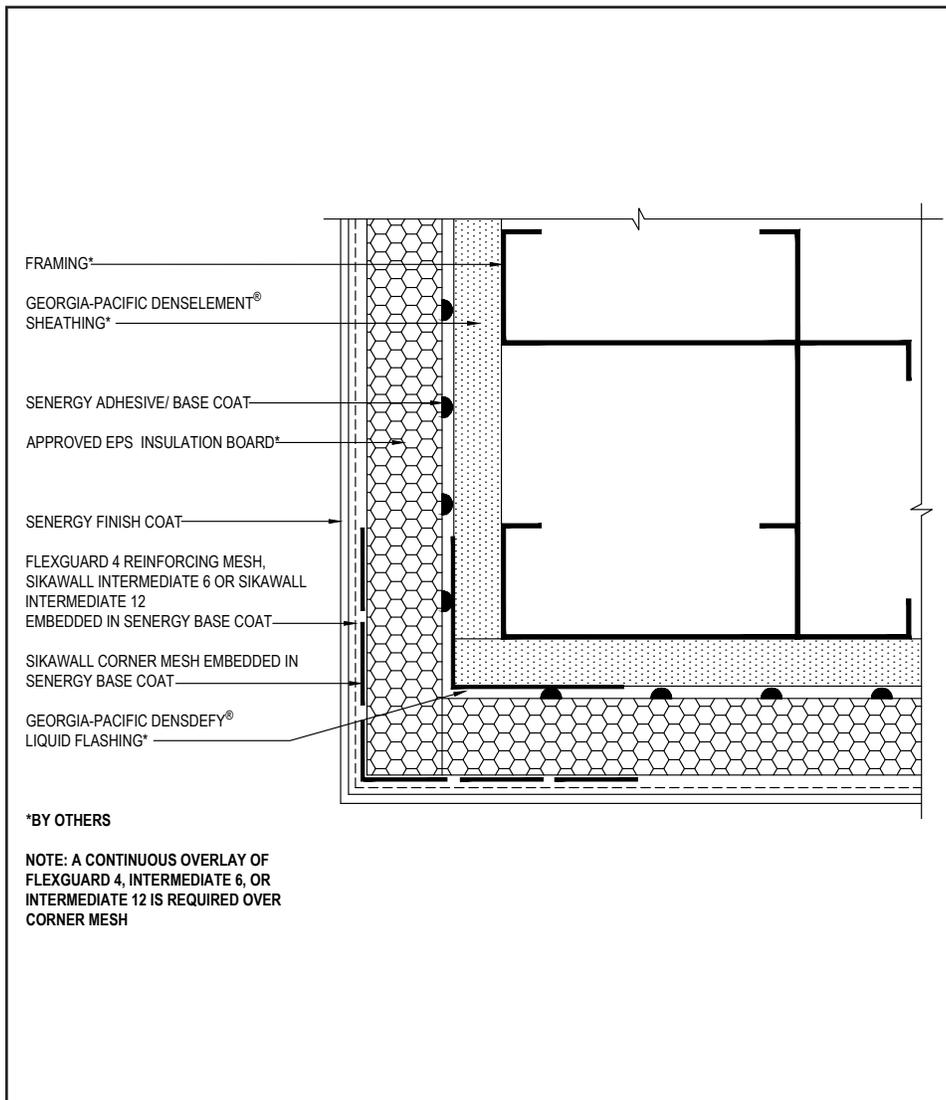
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# Senerflex Channeled Adhesive CI Design with DensElement<sup>®</sup> Sheathing

## TYPICAL CORNER MESH APPLICATION WITH FLEXGUARD 4, INTERMEDIATE 6 OR 12



- Ensure Flexguard 4, 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 Flexguard 4, 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).
- DensElement<sup>®</sup> Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgpc.com](http://www.buildgpc.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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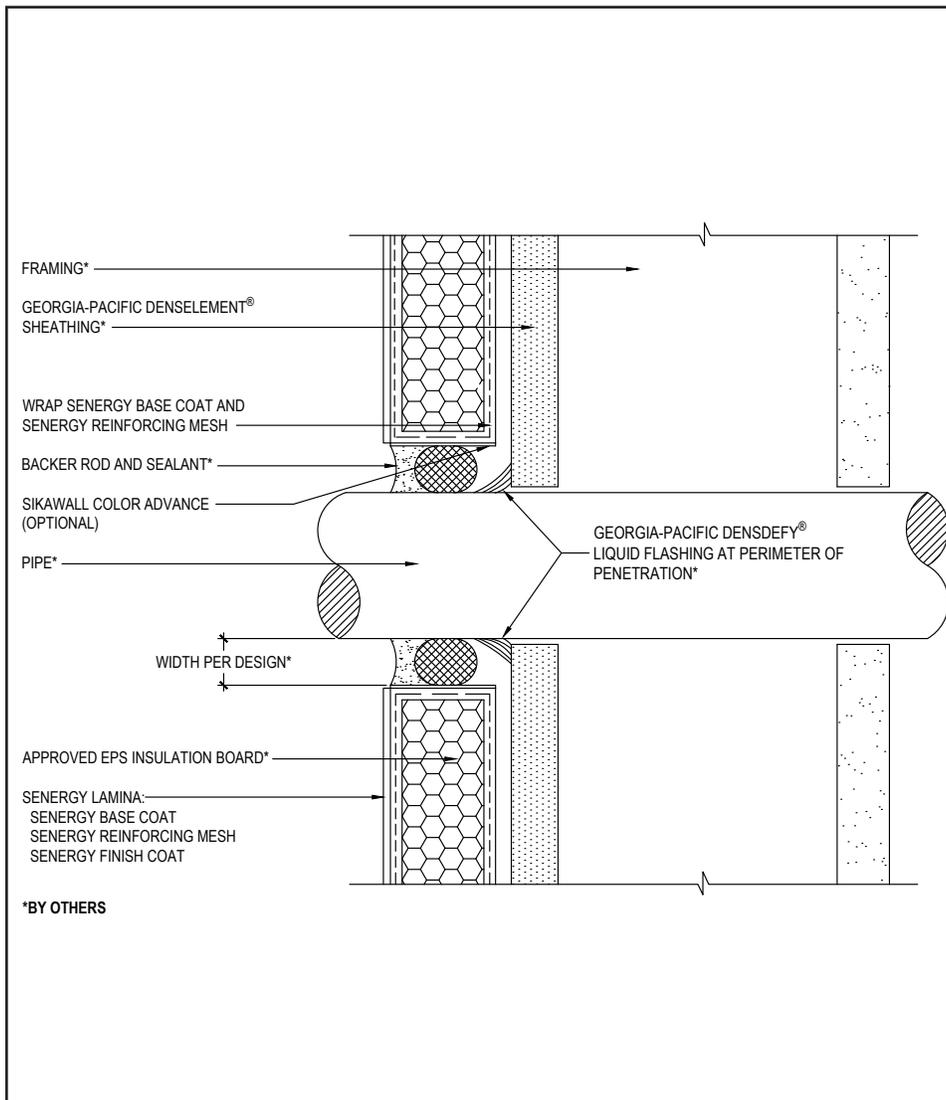
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL PIPE PENETRATION



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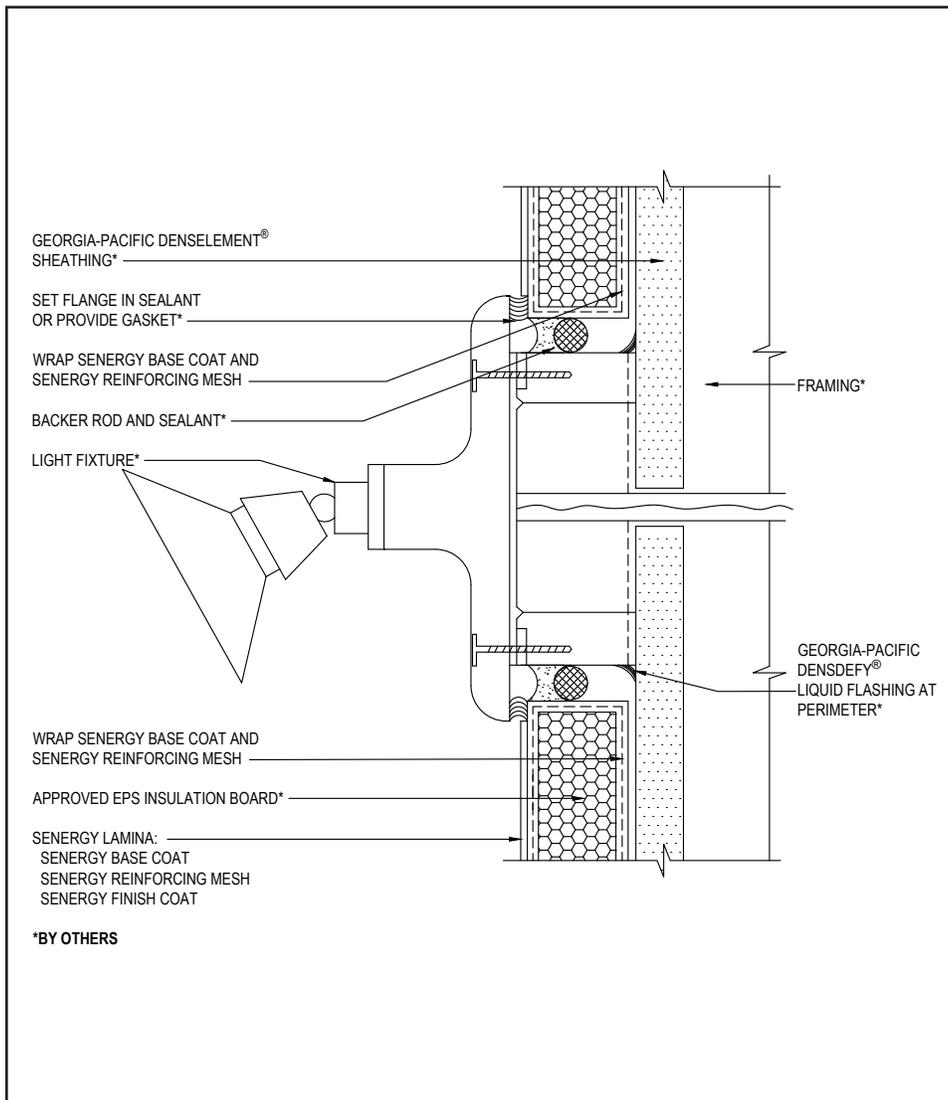
- All terminations must be fully encapsulated with mesh reinforced basecoat. Pre-backwrap both the vertical and horizontal terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Ensure all penetrations into the system are properly sealed. Reference *Acceptable Sealants to use with Senergy 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.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### 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 Senergy base coat and SikaWall Detail Backwrap Mesh.
- Ensure all penetrations into the system are properly sealed.
- Reference *Acceptable Sealants to use with Senergy Wall Systems Technical Bulletin* for a list of sealants.
- Provide continuous air seal around perimeter of penetration prior to EPS insulation board application.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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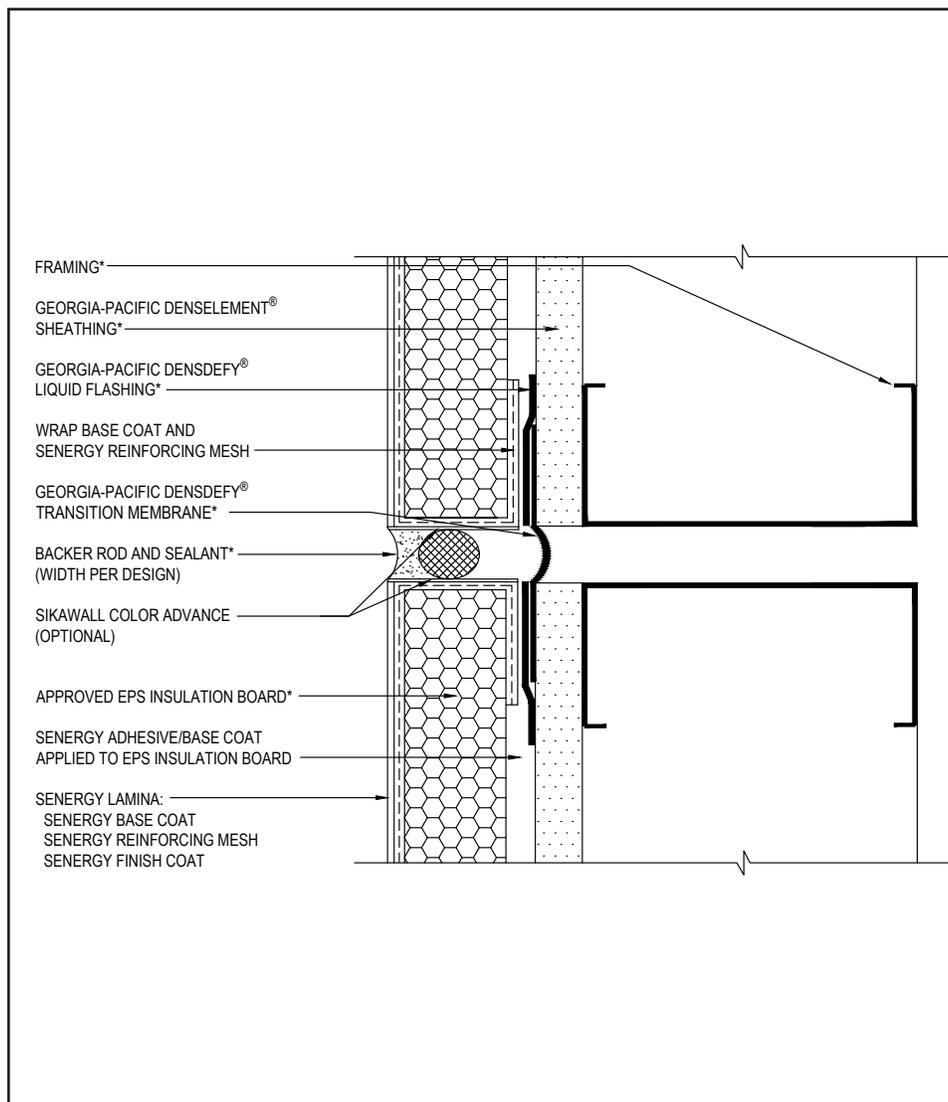
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL VERTICAL EXPANSION JOINT



CA DE-07 0226

(\*NOTE: BY OTHERS)

- 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 Senergy 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.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
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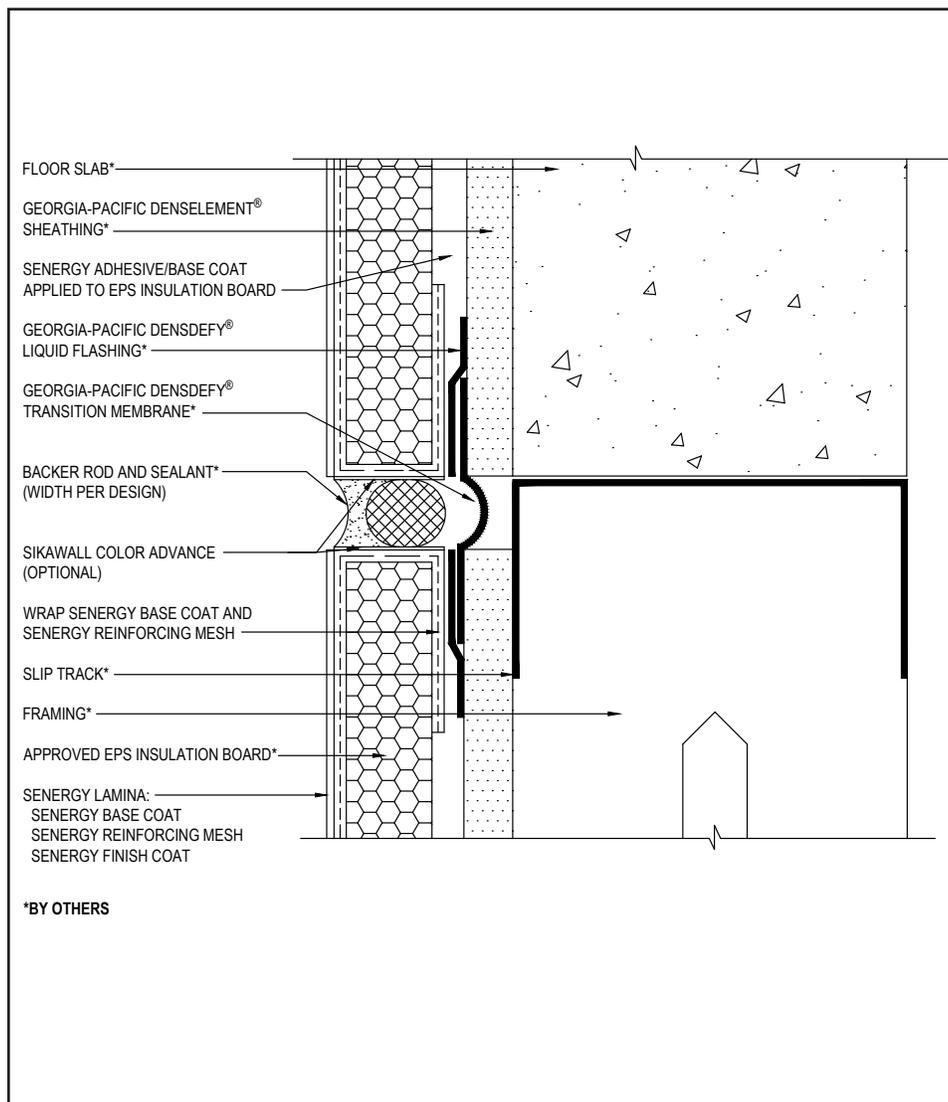
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL EXPANSION JOINT AT FLOOR LINE WITH DENSDEFY® TRANSITION MEMBRANE



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(\*NOTE: BY OTHERS)

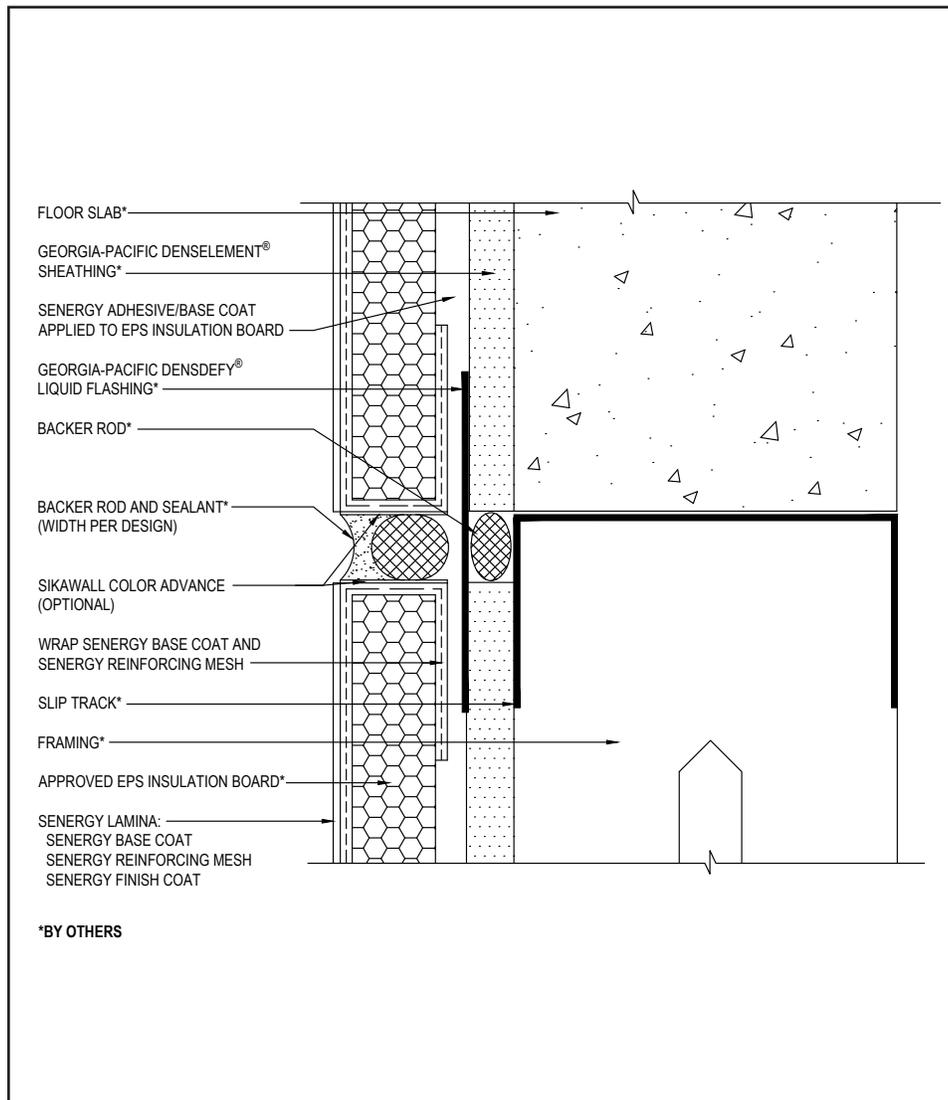
- All terminations must be fully encapsulated with mesh reinforced base coat. Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy 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. (See typical drainage at floorline detail).
- Ensure drainage plane is continuous and unobstructed at expansion joint.
- Reference *Acceptable Sealants for use with Senergy Wall Systems* Technical Bulletin for a list of sealants.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information..

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL EXPANSION JOINT AT FLOOR LINE WITH DENSDEFY® LIQUID FLASHING



CA DE-10 0226

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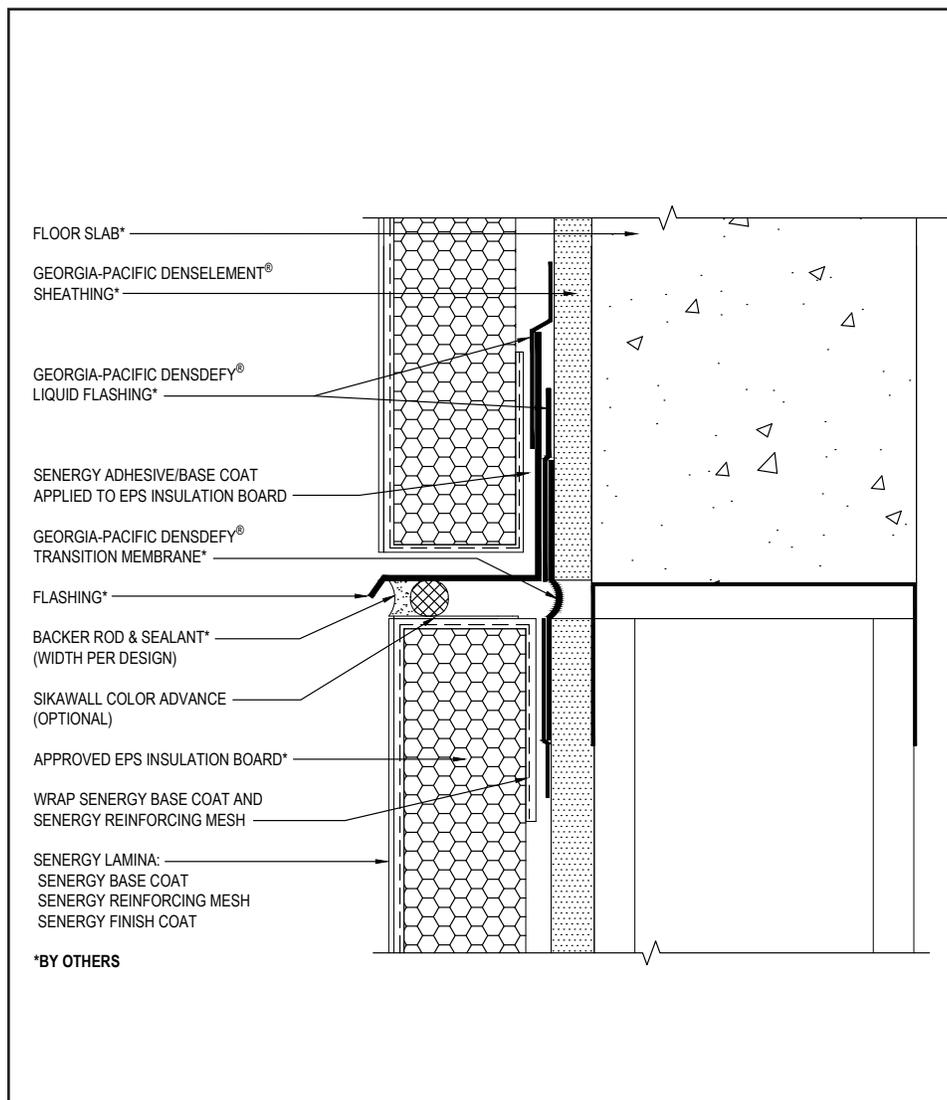
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- Ensure drainage plane is continuous and unobstructed at expansion joint.
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL DRAINAGE AT FLOOR LINE WITH DENSDEFY® TRANSITION MEMBRANE



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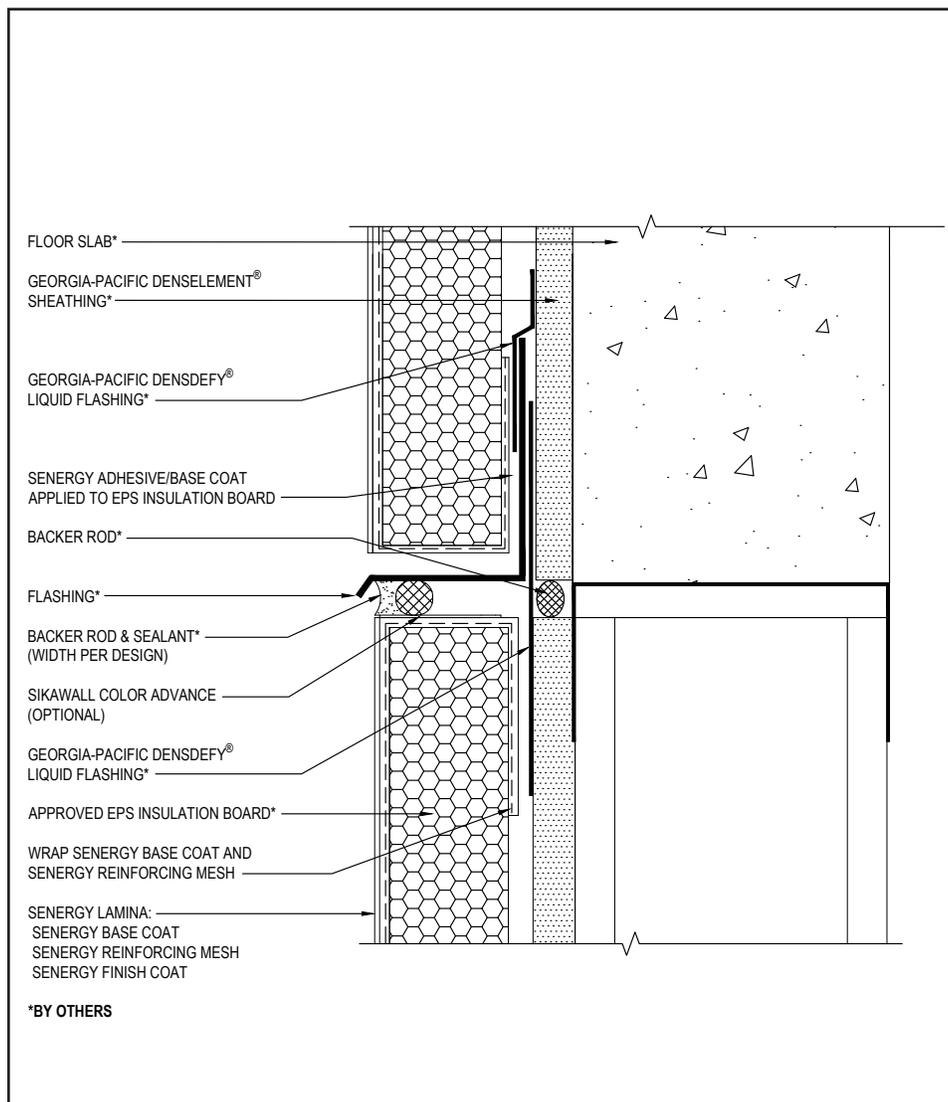
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- It is recommended that a means for drainage is provided at every third floor.
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL DRAINAGE AT FLOOR LINE WITH DENSDEFY® LIQUID FLASHING



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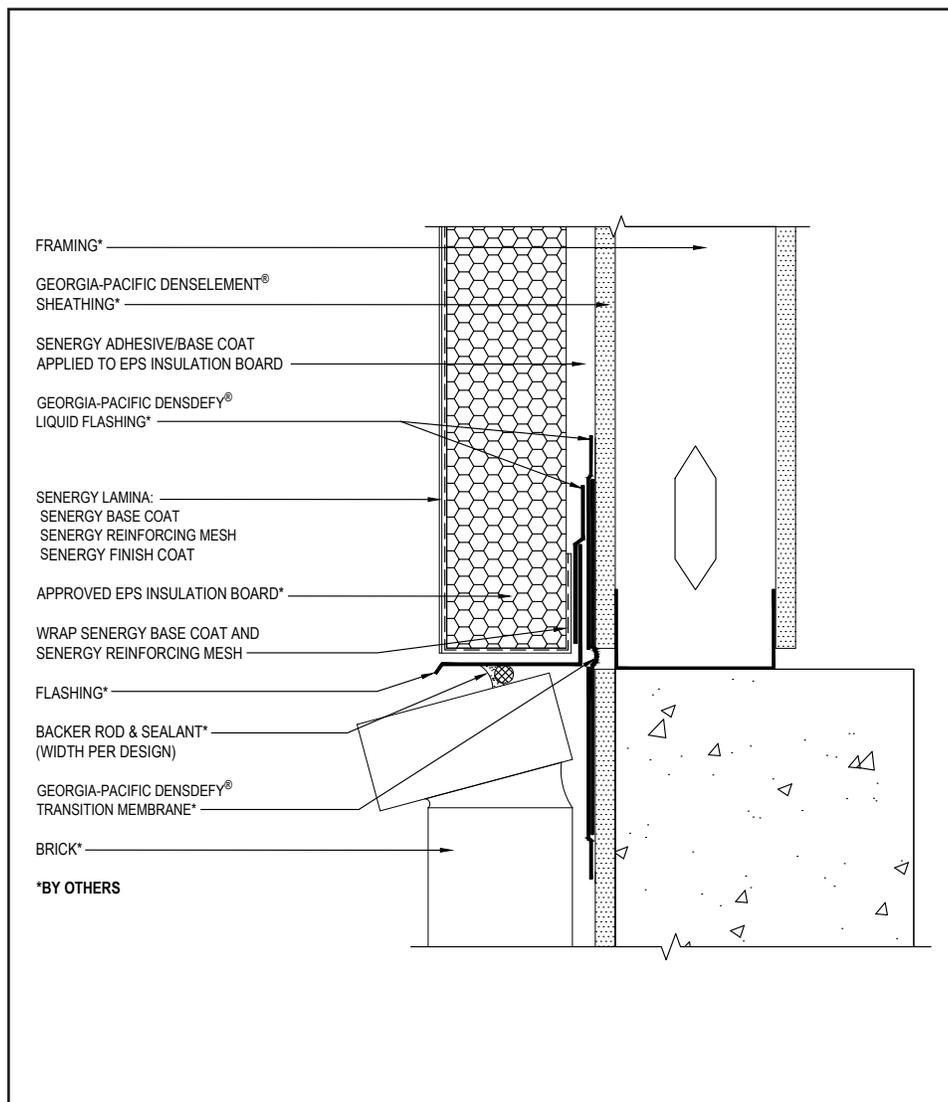
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL ABUTMENT TO BRICK WITH DRAINAGE AT FLOOR LINE WITH DENSDEFY® TRANSITION MEMBRANE



- All terminations must be fully encapsulated with mesh reinforced base coat. Pre-backwrapping 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 Senergy 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.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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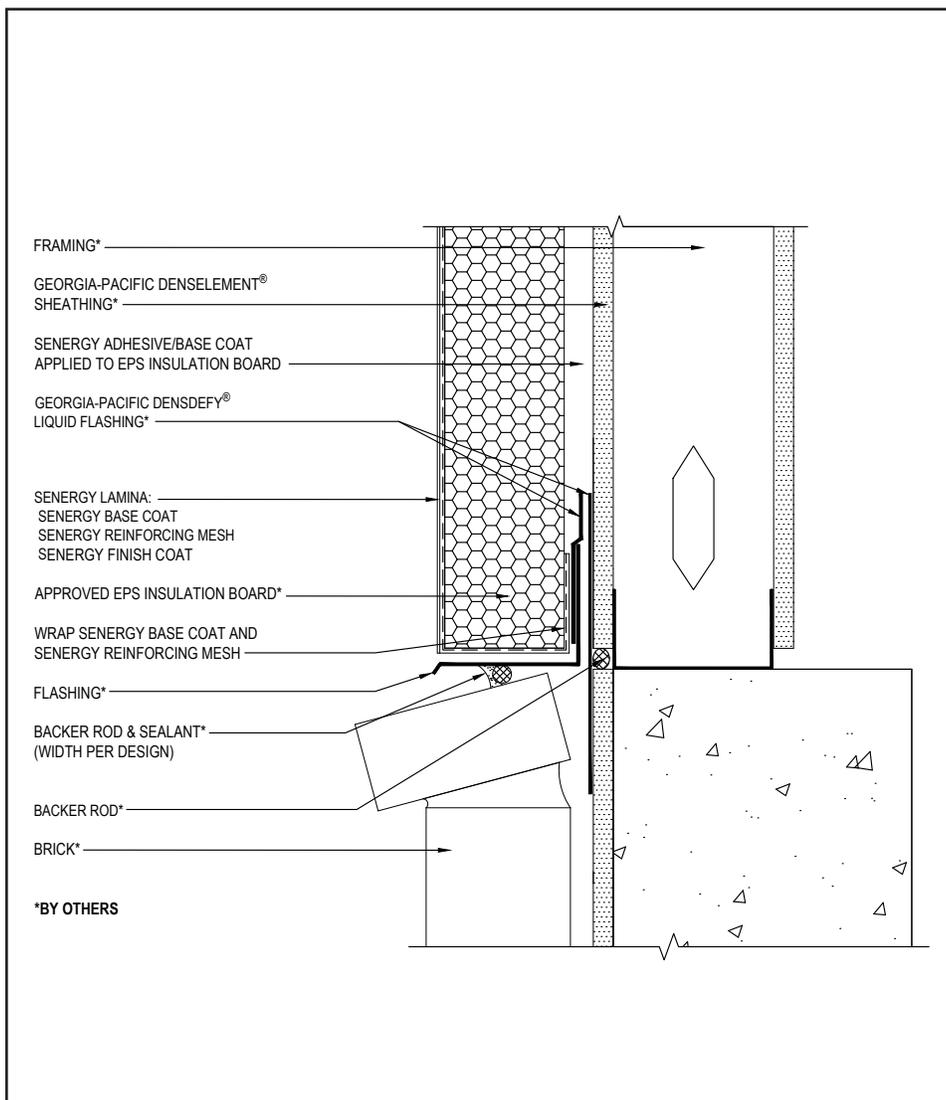
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL ABUTMENT TO BRICK WITH DRAINAGE AT FLOOR LINE WITH DENSDEFY® LIQUID FLASHING



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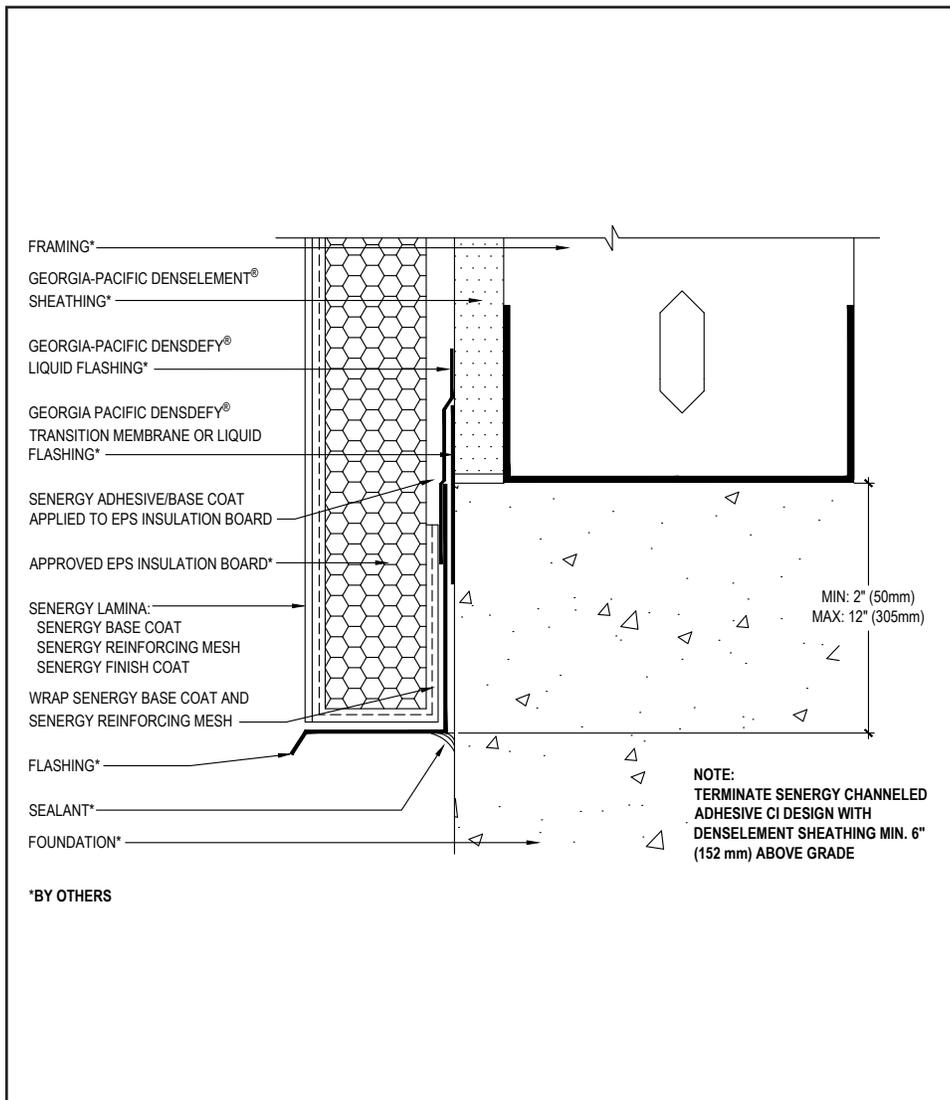
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- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Ensure a means for drainage is provided at system termination at brick.
- Brick must be installed per local code requirements.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL TERMINATION AT FOUNDATION



CA DE-15 0226

(\*NOTE: BY OTHERS)

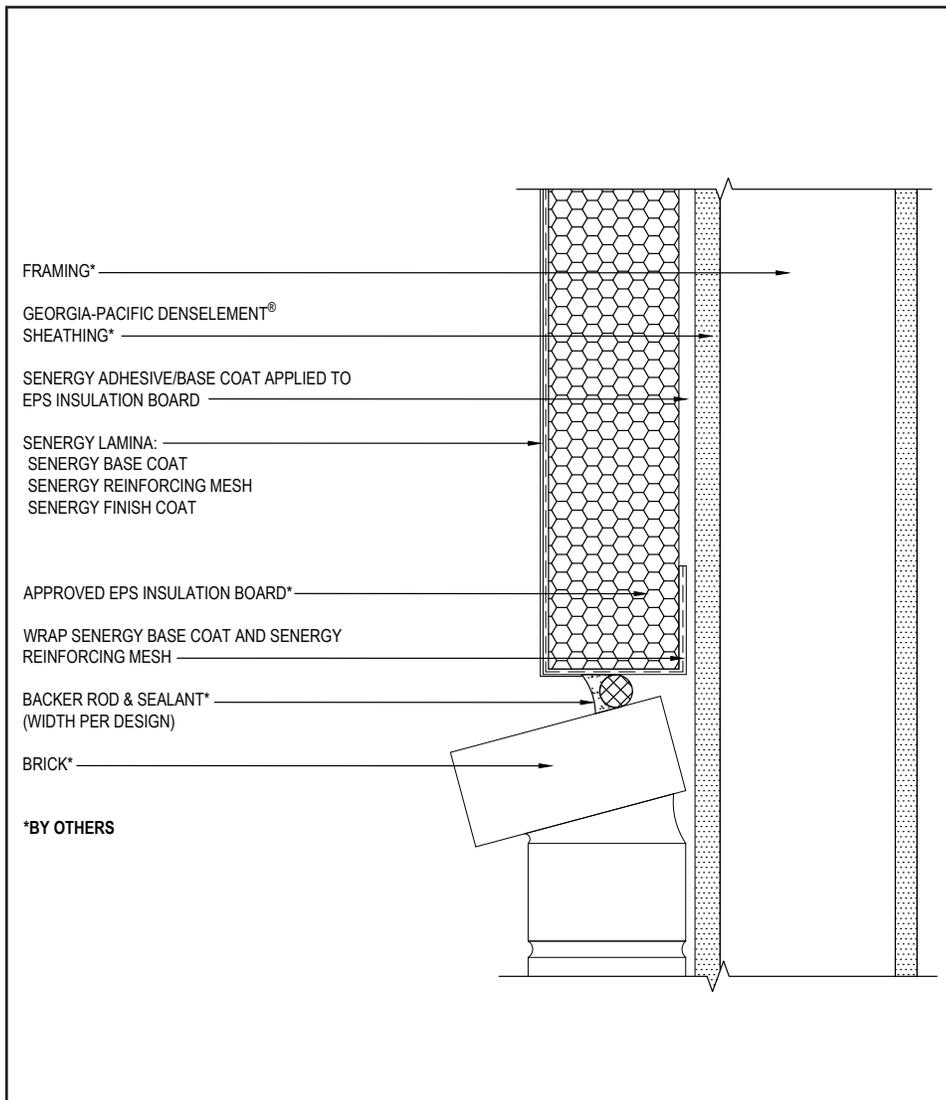
- All terminations must be fully encapsulated with mesh reinforced base coat. Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- 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.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL ABUTMENT TO BRICK WITH CONTINUOUS DRAINAGE PLANE



CA DE-16 0226

(\*NOTE: BY OTHERS)

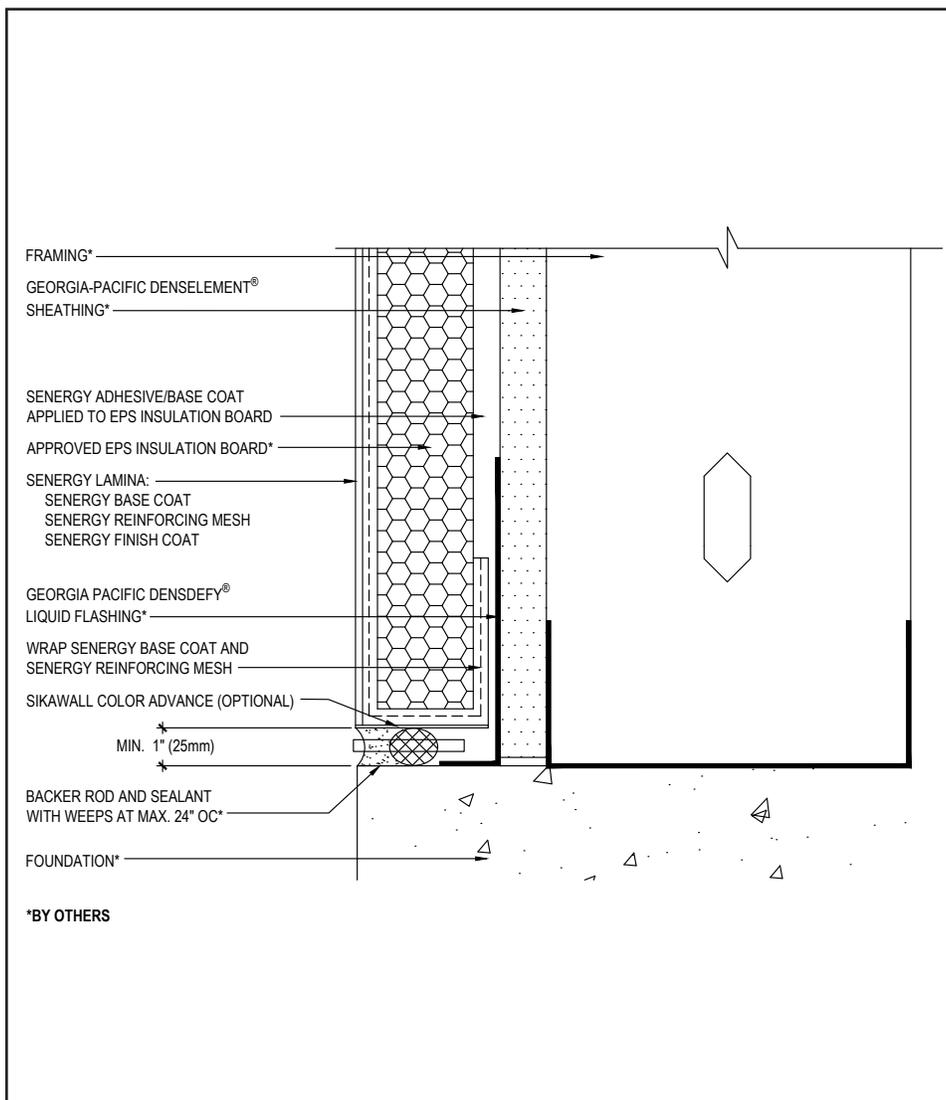
- All terminations must be fully encapsulated with mesh reinforced base coat. Pre-backwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- 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 Senergy Wall Systems* Technical Bulletin for a list of sealants.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL TERMINATION AT FOUNDATION (FLUSH)



- All terminations must be fully encapsulated with mesh reinforced base coat. Pre-backwrapping 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 Senergy 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 sealant.
- Reference Acceptable Sealants for use with Senergy Wall System Technical Bulletin for a list of sealants.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

CA DE-17 0226

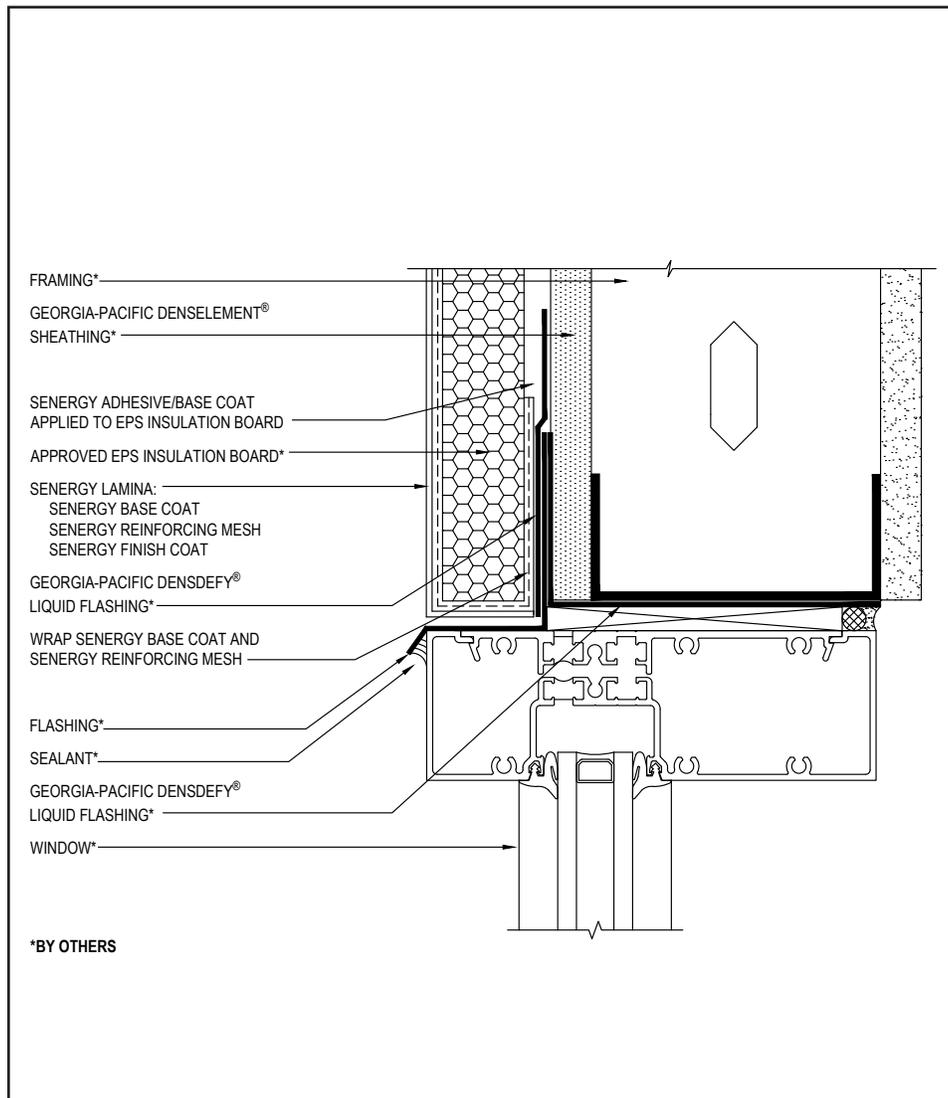
(\*NOTE: BY OTHERS)

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL WINDOW HEAD (FLUSH)



CA DE-18 0226

(\*NOTE: BY OTHERS)

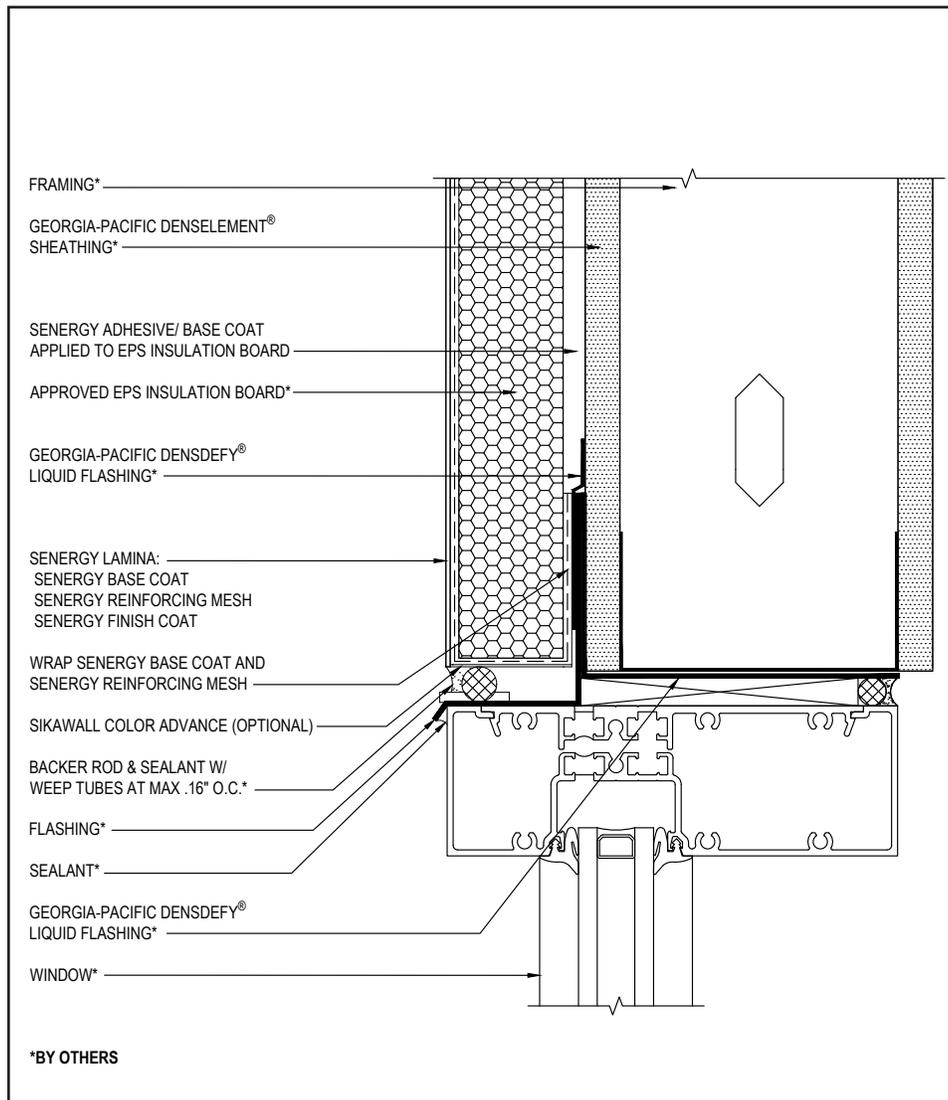
- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base 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.
- Prior to window and EPS installation, Ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

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



CA DE-19 0226

(\*NOTE: BY OTHERS)

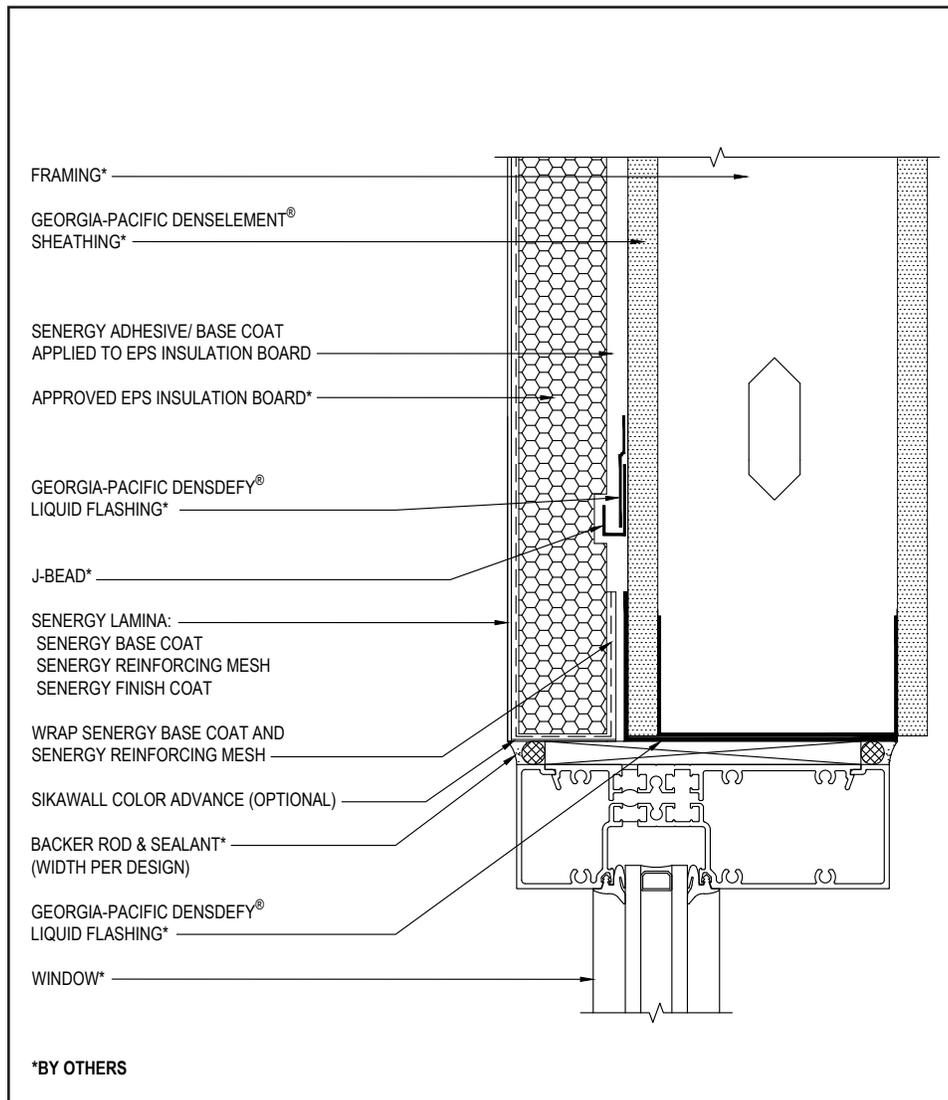
- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base 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.
- Do not apply finish to areas that will receive sealant.
- Prior to window and EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Place weep tubes a maximum of 16" (406 mm) on center.
- Reference *Acceptable Sealants for use with Senergy 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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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

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



CA DE-20 0226

(\*NOTE: BY OTHERS)

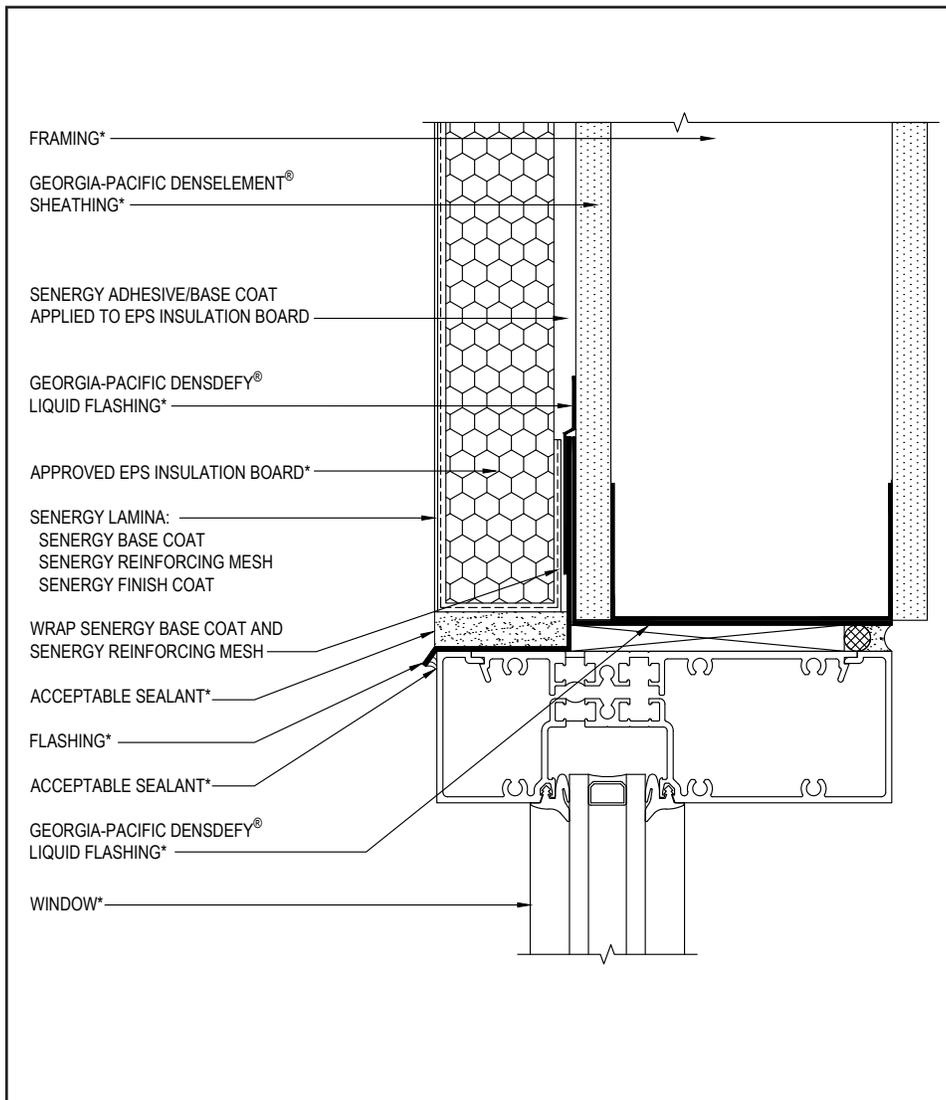
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Provide a back 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.
- Maintain a minimum of 3/4" (19 mm) EPS insulation thickness.
- Prior to window and EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgpc.com](http://www.buildgpc.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Reference *Acceptable Sealants for use with Senergy 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.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL WINDOW HEAD FLASHING WITH SEALANT END DAM



CA DE-21 0226

(\*NOTE: BY OTHERS)

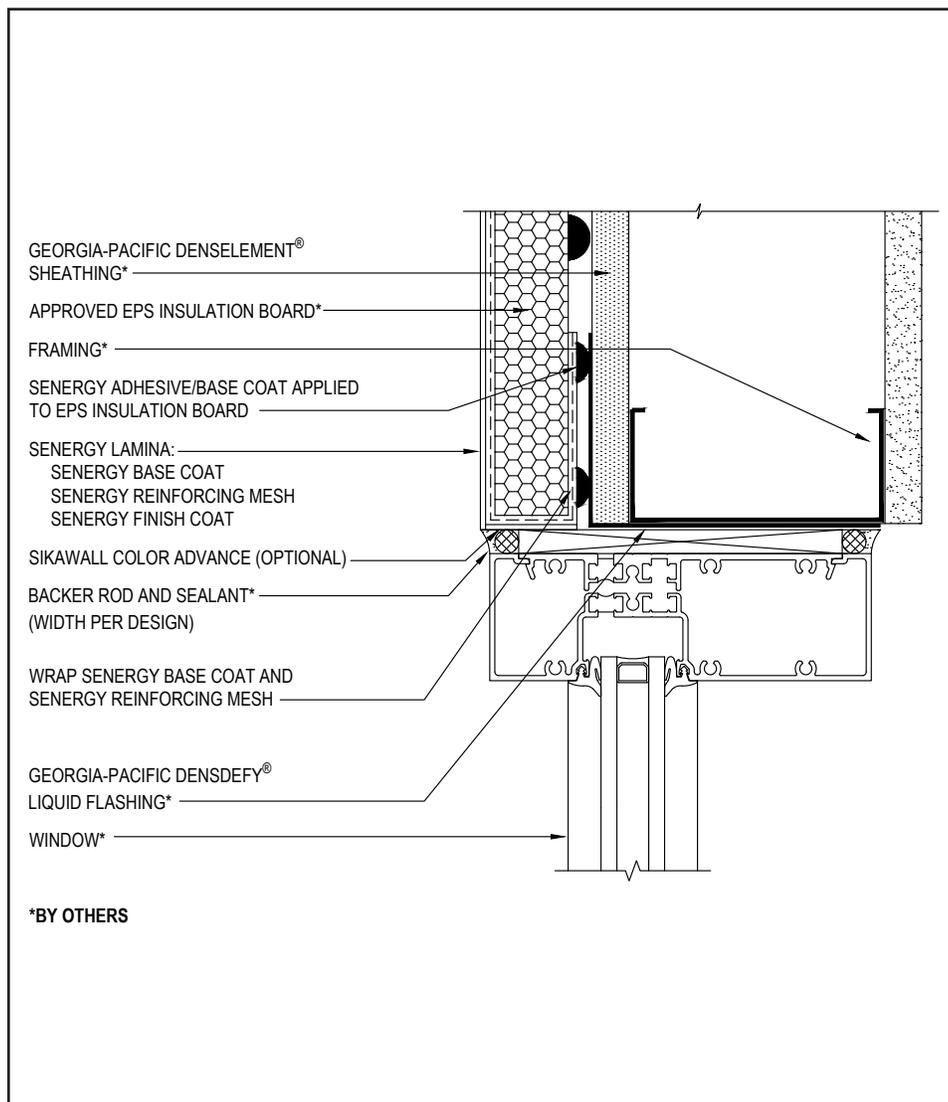
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- Install Sika materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.

- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.
- Prior to window and EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Reference *Acceptable Sealants for use with Senergy 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. Pre-backwrapping 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 Senergy base coat and SikaWall Detail Backwrap Mesh.

## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL WINDOW JAMB (FLUSH)



CA DE-22 0226

(\*NOTE: BY OTHERS)

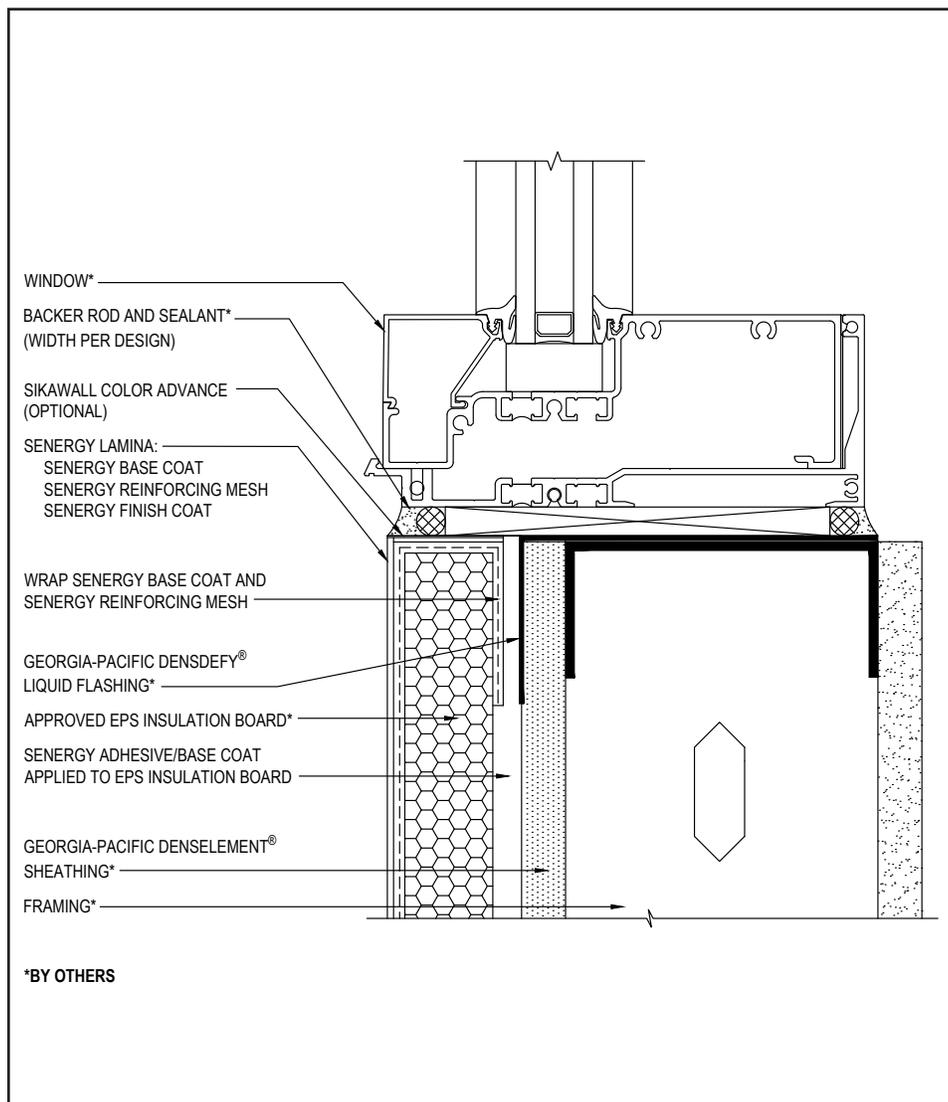
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Prior to window and EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty 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).
- Reference *Acceptable Sealants for use with Senergy 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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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL WINDOW SILL (FLUSH)



CA DE-23 0226

(\*NOTE: BY OTHERS)

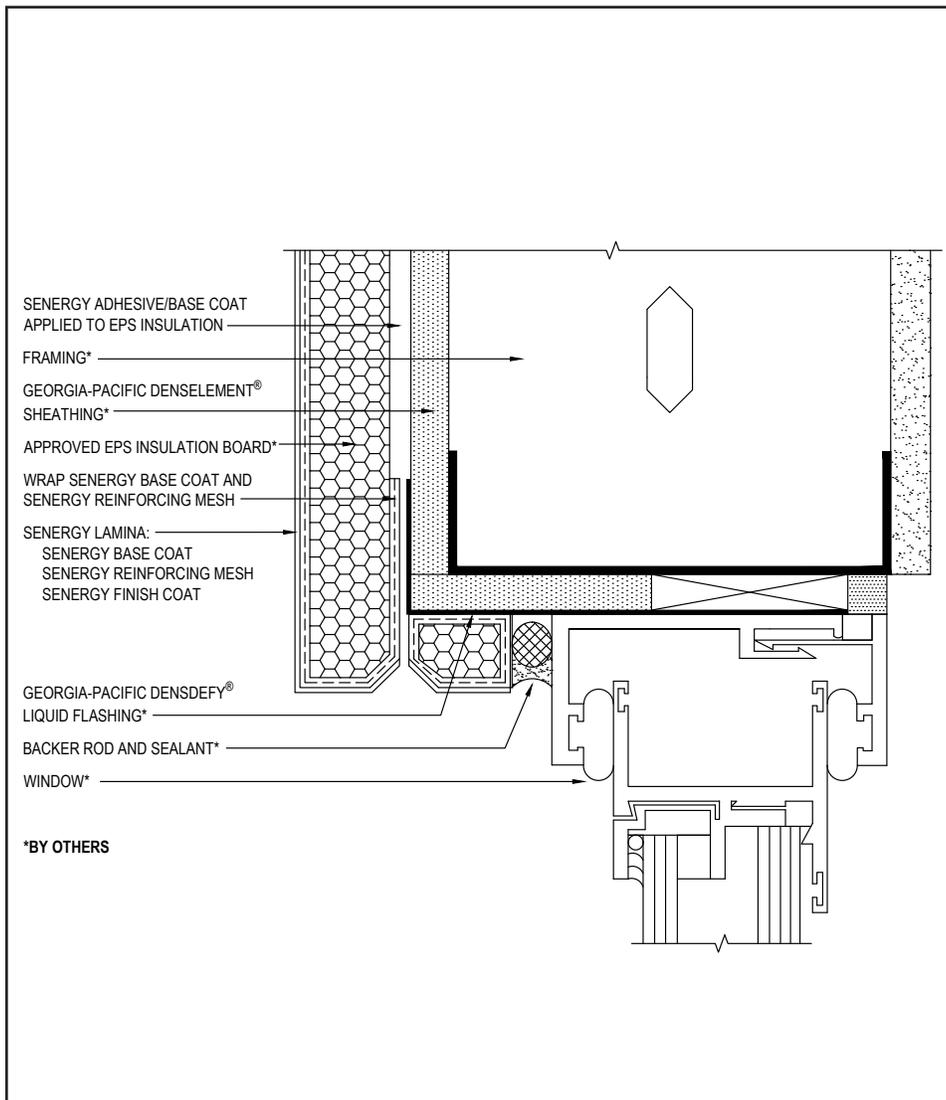
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Prior to window and EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty 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).
- Reference *Acceptable Sealants for use with Senergy 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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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL WINDOW HEAD (RECESSED)



\*BY OTHERS

CA DE-24 0226

(\*NOTE: BY OTHERS)

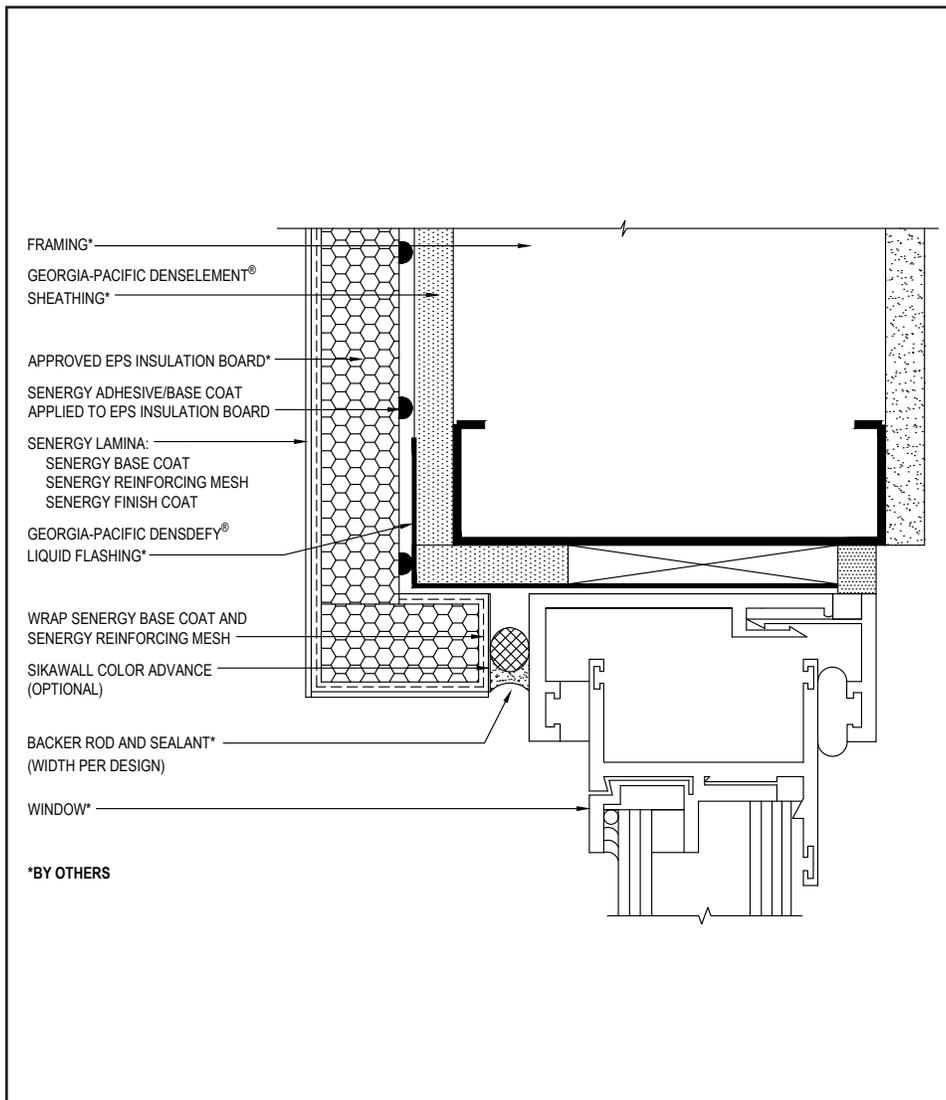
- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base 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 EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty 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 Senergy Wall Systems* Technical Bulletin for a list of sealants.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL WINDOW JAMB (RECESSED)



CA DE-25 0226

(\*NOTE: BY OTHERS)

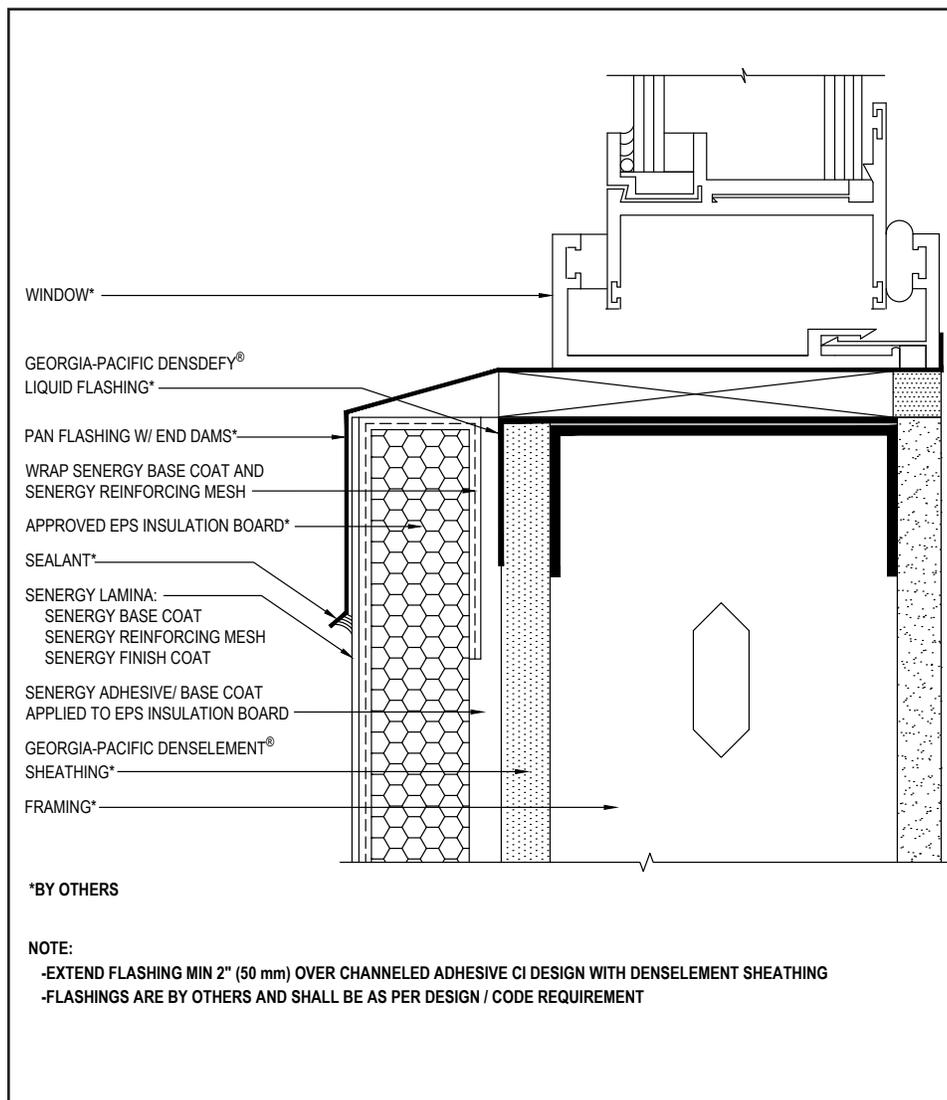
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Prior to window and EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty 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).
- Reference *Acceptable Sealants for use with Senergy 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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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL WINDOW SILL (RECESSED)



- 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 Senergy base coat and SikaWall Detail Backwrap Mesh.
- Prior to window, flashing and EPS installation ensure DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgpc.com](http://www.buildgpc.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Ensure that metal pan flashing extends to the system a minimum of 2" (50 mm) down the face and that end dams are provided.
- Reference *Acceptable Sealants for use with Senergy 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.

CA DE-26 0226

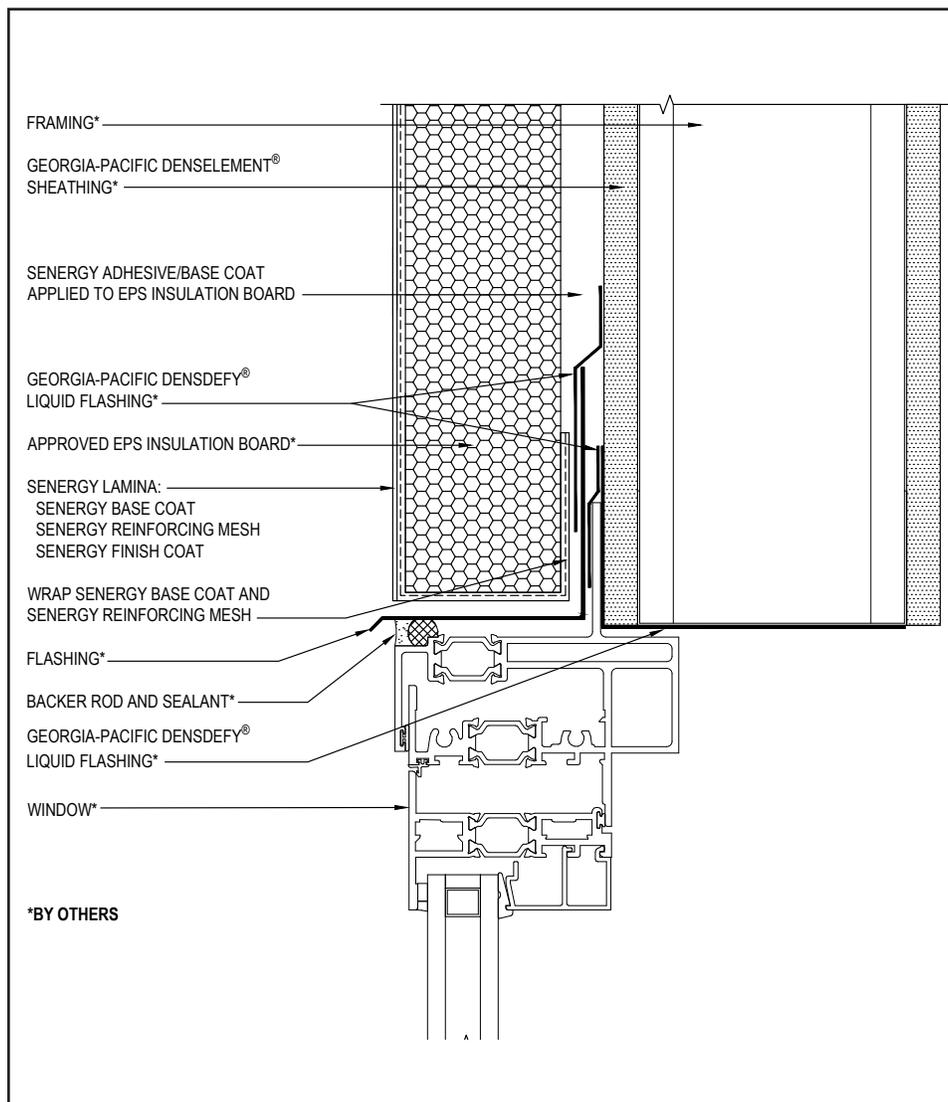
(\*NOTE: BY OTHERS)

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL FLANGED WINDOW HEAD



CA DE-27 0226

(\*NOTE: BY OTHERS)

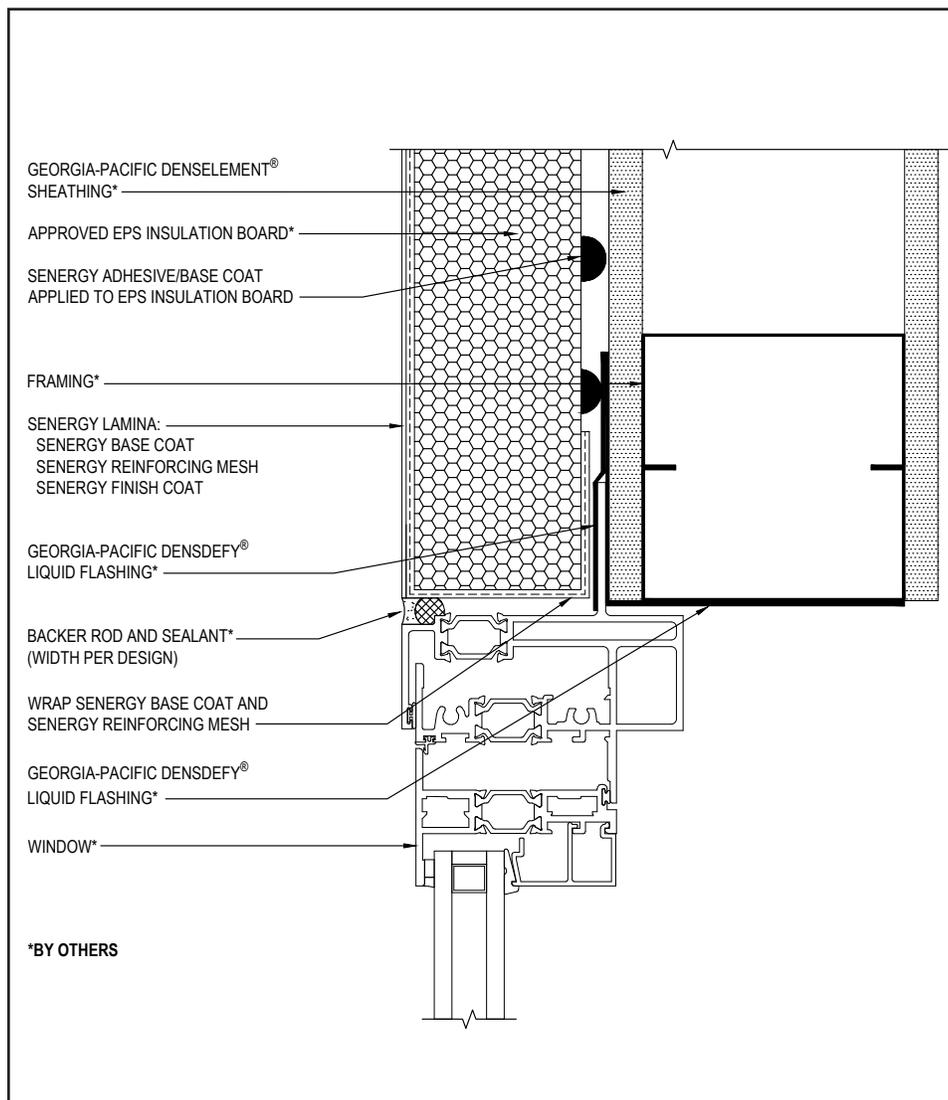
- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Ensure the window flange is treated with Georgia-Pacific DensDefy Liquid Flashing in accordance to the product literature.
- Ensure a means for drainage is provided at system termination at window head.
- Prior to window and EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL FLANGED WINDOW JAMB



CA DE-28 0226

(\*NOTE: BY OTHERS)

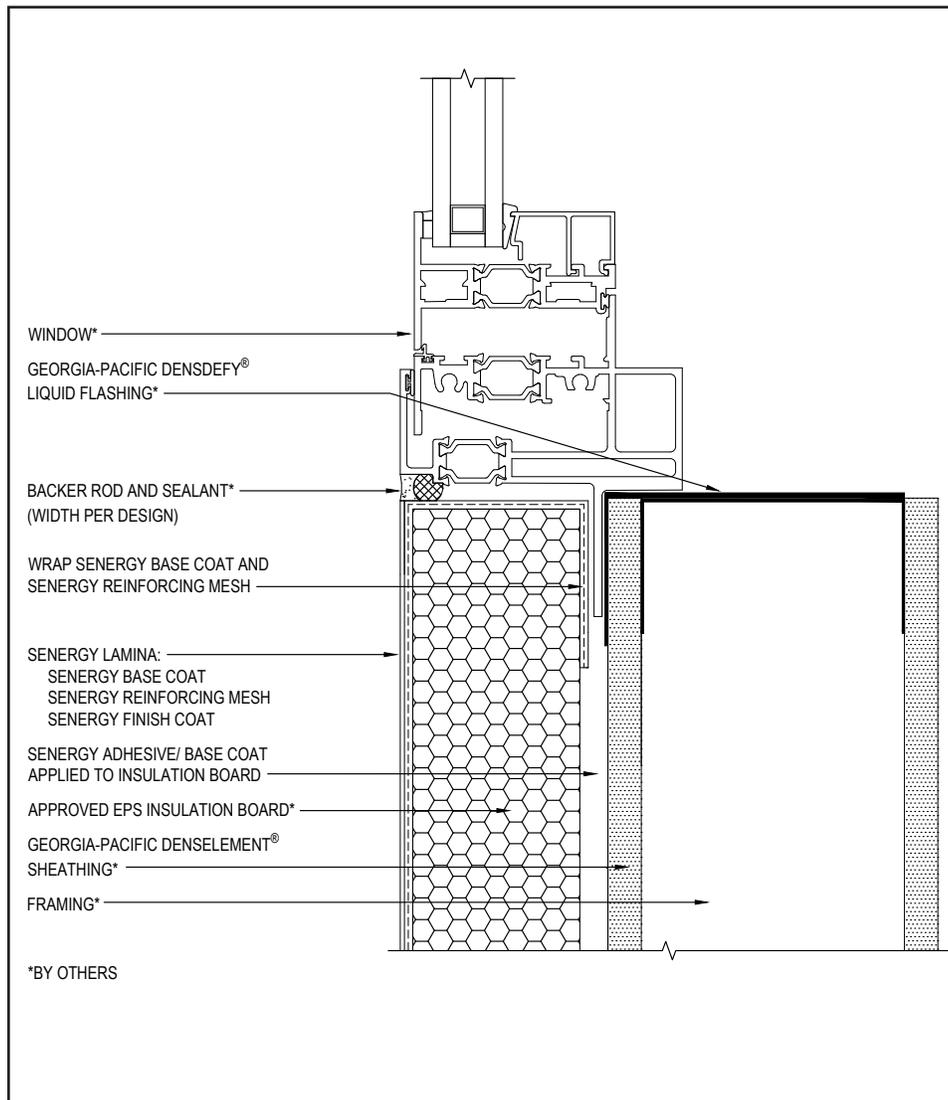
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Ensure the window flange is treated with Georgia-Pacific DensDefy Liquid Flashing in accordance to the product literature.
- 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 EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL FLANGED WINDOW SILL



CA DE-29 0226

(\*NOTE: BY OTHERS)

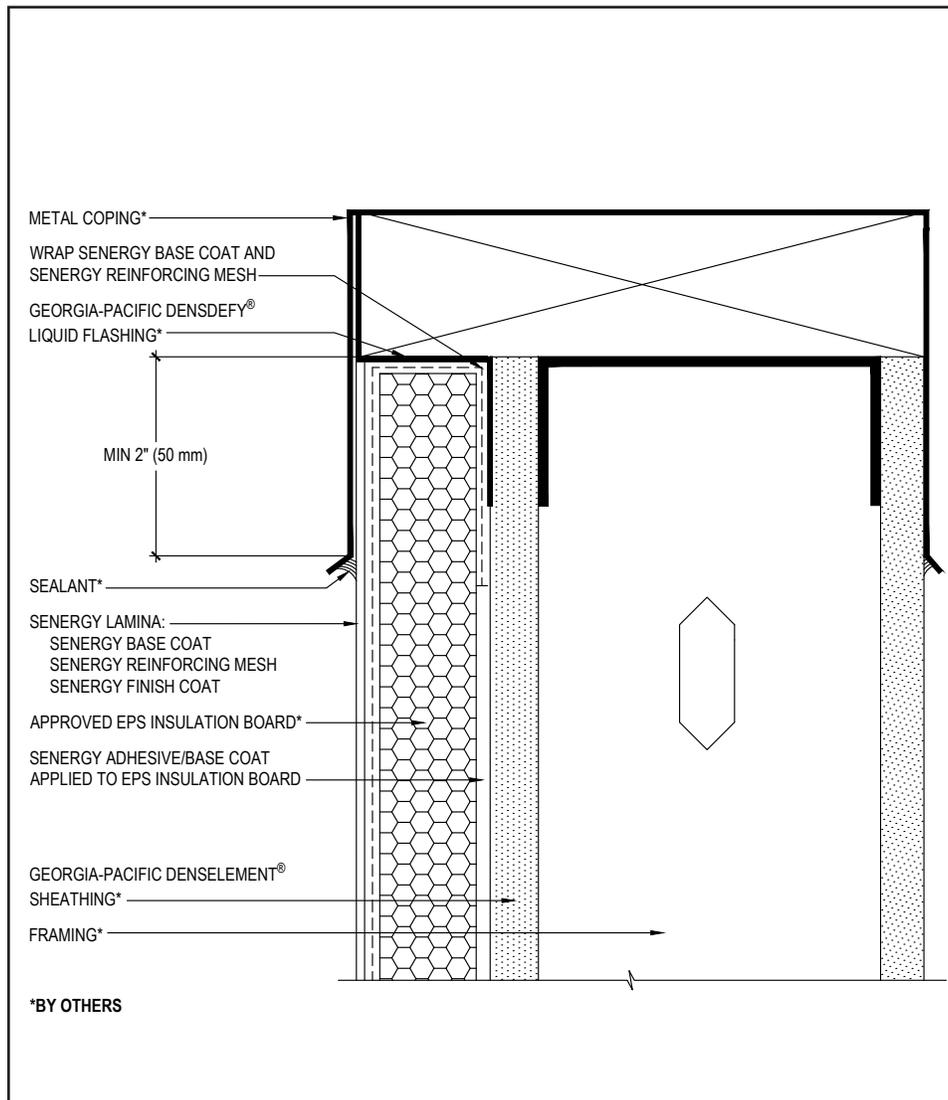
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Do not apply 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 EPS installation, ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Consult window and sealant manufacturers to verify window installation, detailing and to ensure no water leakage into the wall assembly.

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# Senerflex Channeled Adhesive CI Design with DensElement<sup>®</sup> Sheathing

## TYPICAL COPING



CA DE-30 0226

(\*NOTE: BY OTHERS)

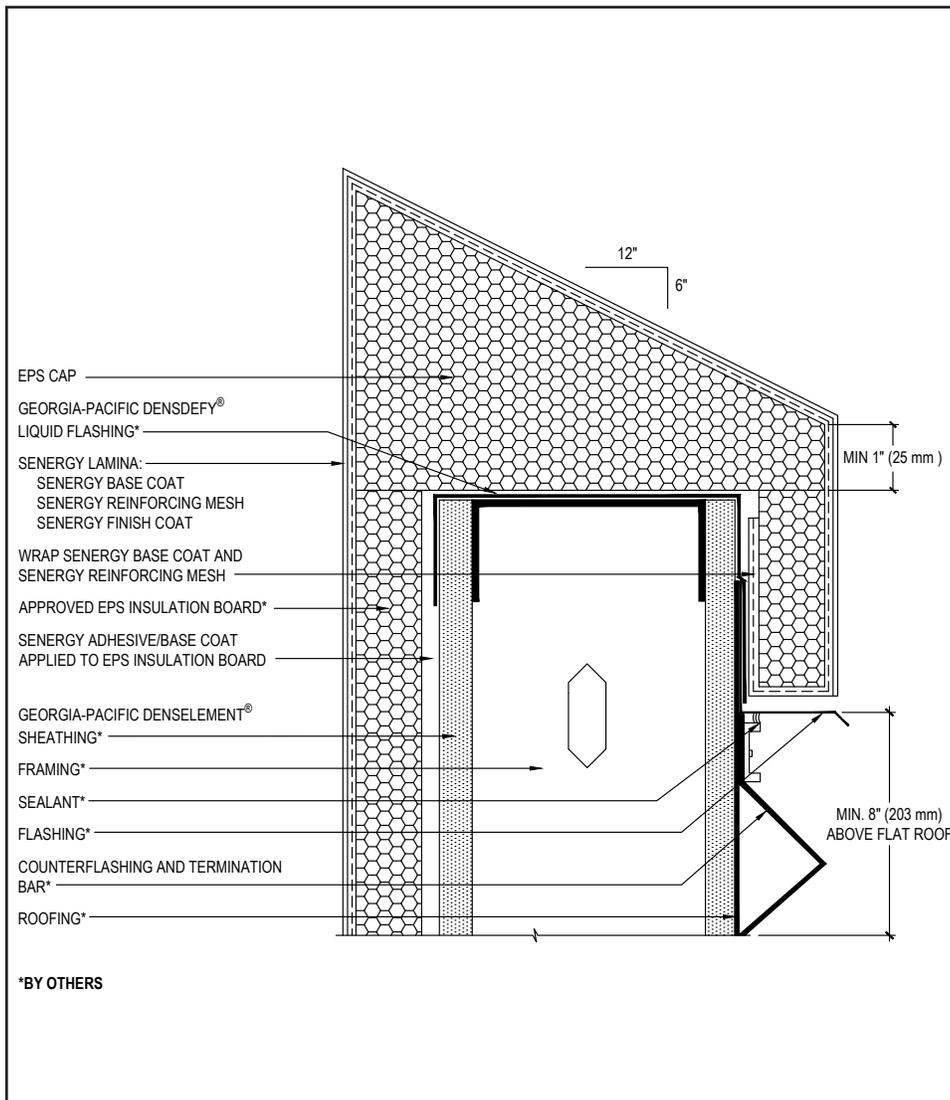
- All terminations must be fully encapsulated with mesh reinforced base coat. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Ensure that metal coping/ flashing extends onto the system a minimum of 2" (50 mm) down the face.
- Extend Georgia-Pacific's DensDefy<sup>®</sup> Liquid Flashing onto bottom of blocking in accordance to Georgia-Pacific's product literature or provide alternate air seal at sheathing termination to blocking.
- Reference *Acceptable Sealants for use with Senergy Wall Systems* Technical Bulletin for a list of sealants
- DensElement<sup>®</sup> Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL PARAPET CAP



CA DE-31 0226

(\*NOTE: BY OTHERS)

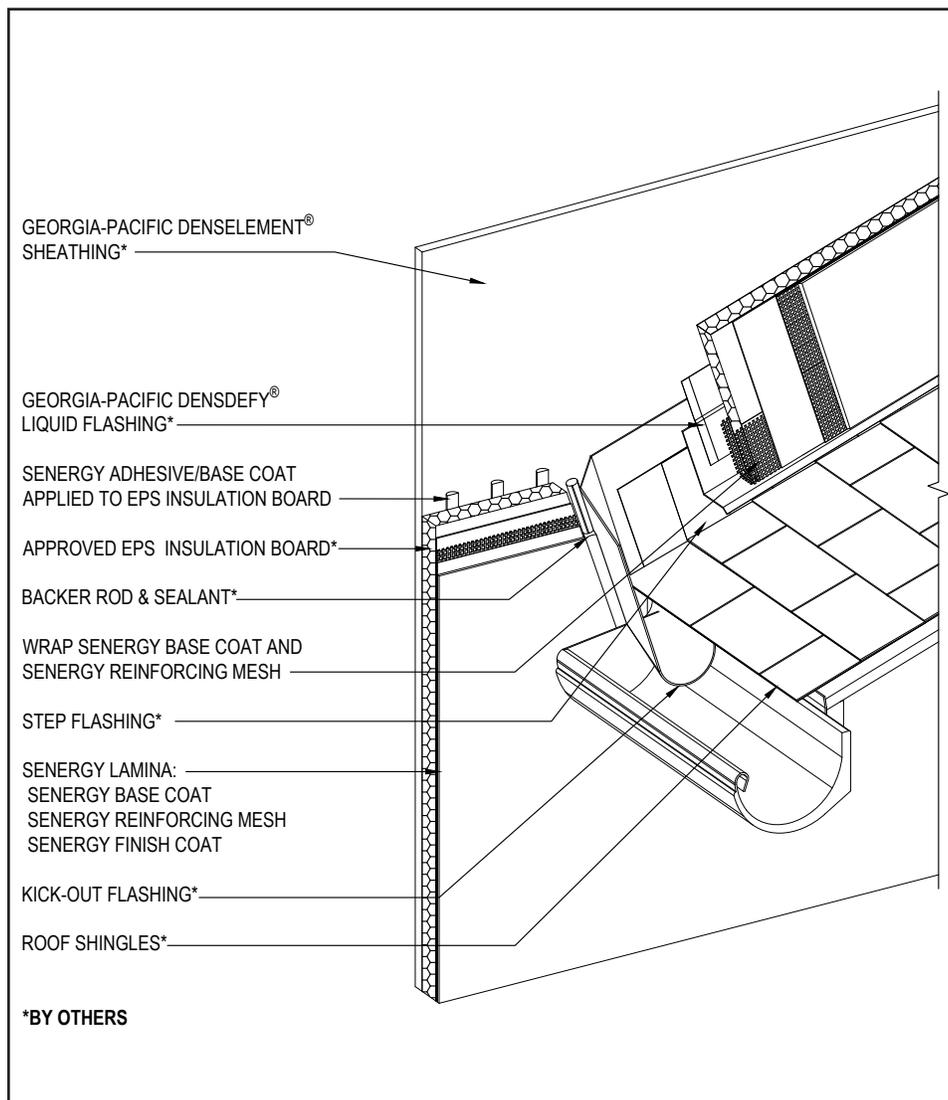
- All terminations must be fully encapsulated with mesh reinforced base coat. Prebackwrapping is recommended at drainage terminations. Extend reinforcing mesh a minimum of 2 1/2" onto back of insulation board.
- When SikaWall Rapid Bond is used: all terminations must be pre-backwrapped with Senergy base coat and SikaWall Detail Backwrap Mesh.
- Provide a minimum 6:12 slope for all horizontal surfaces. Senergy 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 EPS insulation board.
- Ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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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.

## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### TYPICAL KICK-OUT FLASHING AT SLOPED ROOF



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(\*NOTE: BY OTHERS)

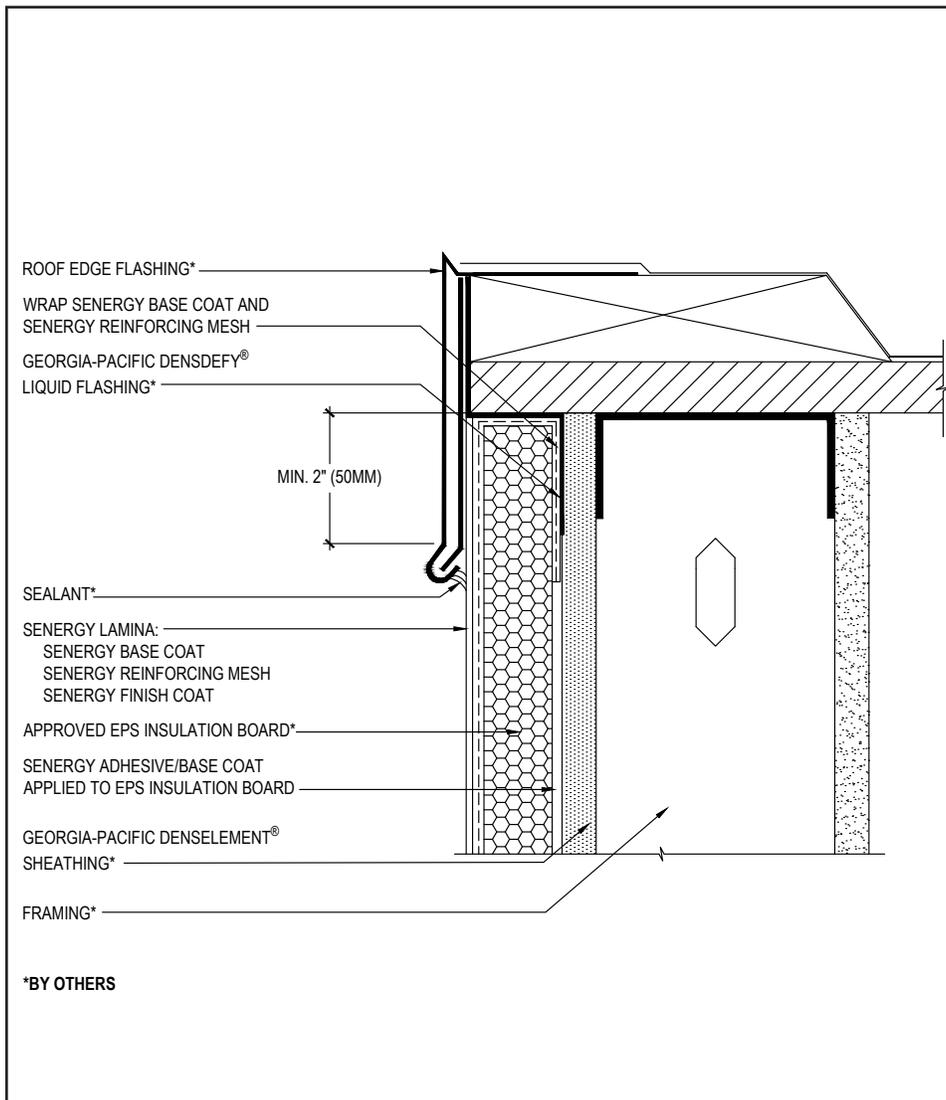
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- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of Sika products.

- 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 Senergy 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.
- Ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Reference *Acceptable Sealants for use with Senergy Wall Systems* Technical Bulletin for a list of sealants.

## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### 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 Senergy 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 Georgia-Pacific's DensDefy® Liquid Flashing onto bottom of blocking in accordance to Georgia-Pacific's product literature or provide alternate air seal at sheathing termination to blocking.
- Reference *Acceptable Sealants for use with Senergy Wall Systems* Technical Bulletin for a list of sealants.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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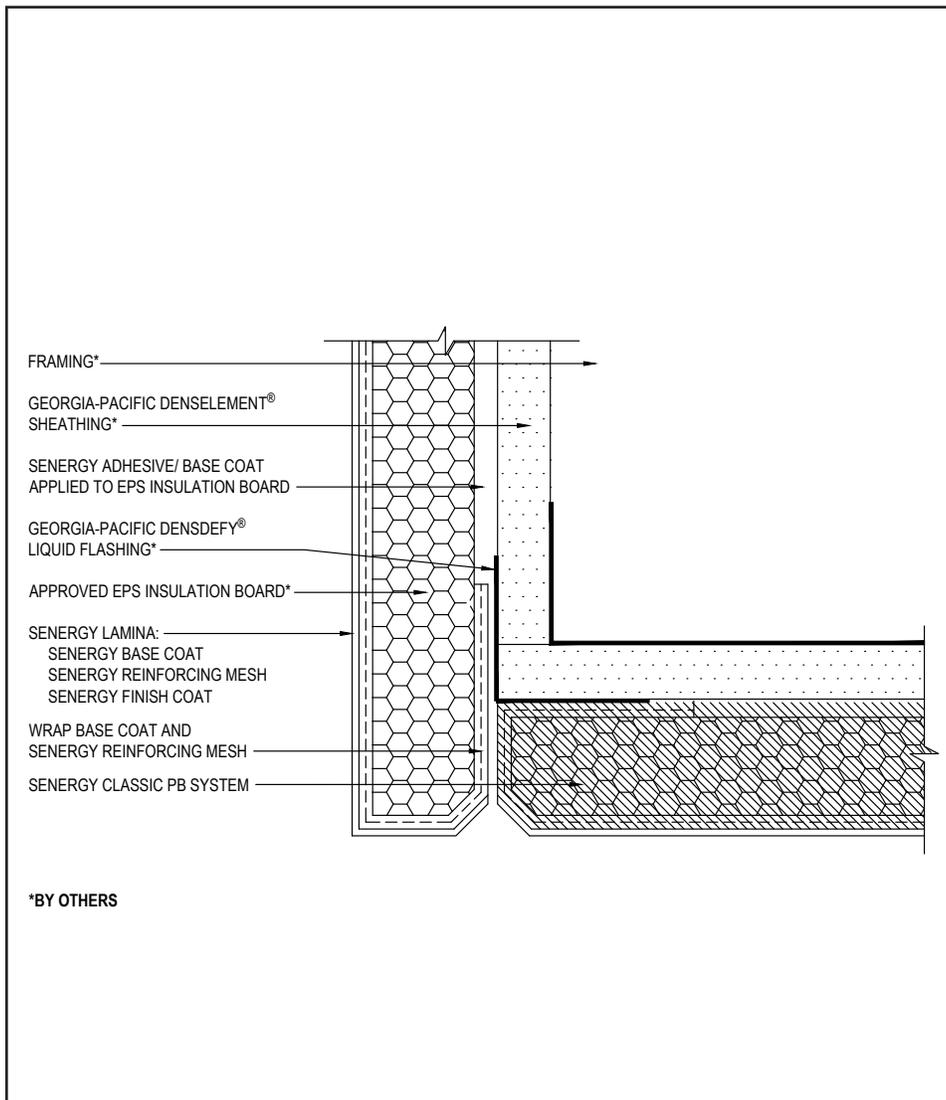
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### 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 Senergy base coat and SikaWall Detail Backwrap Mesh.
- Ensure the DensElement® Barrier System is installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgpc.com](http://www.buildgpc.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.
- Ensure a means of drainage is provided at system termination at soffit/fascia transition.

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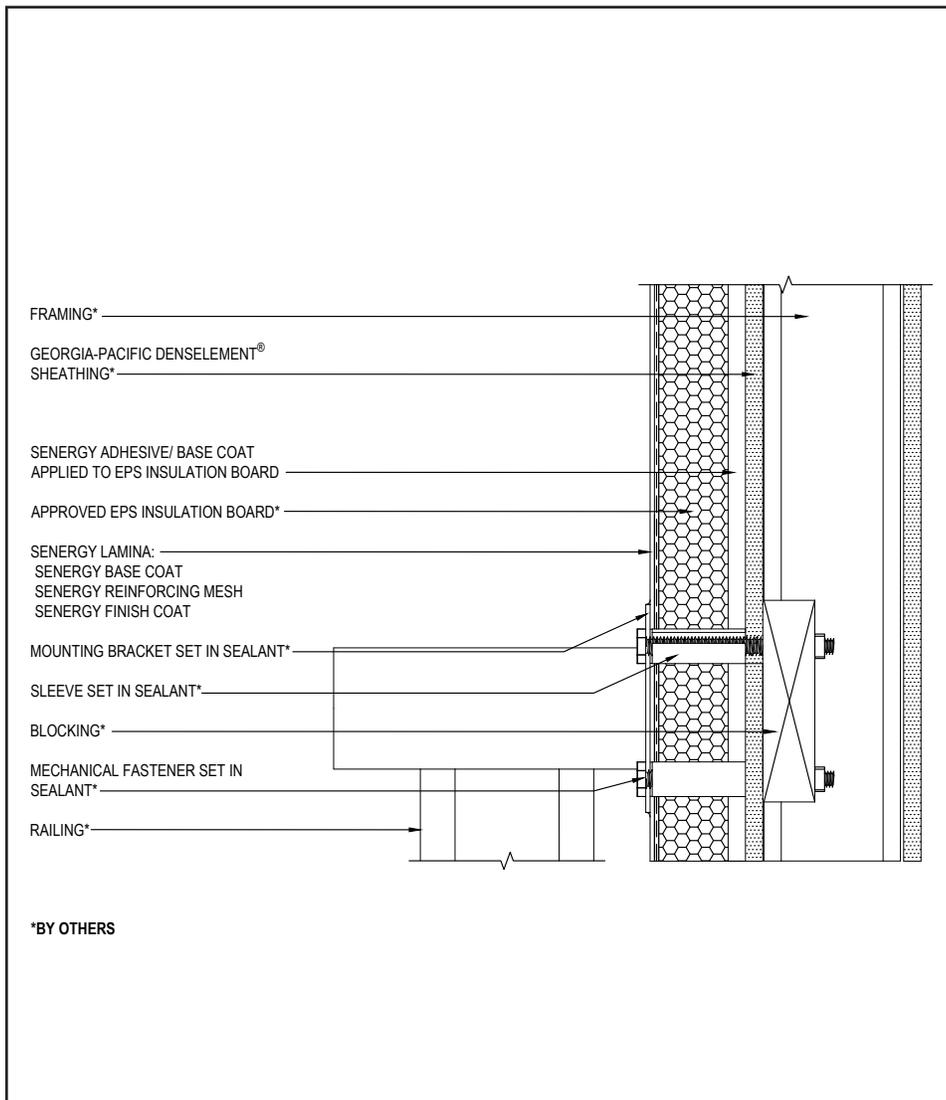
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### 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 Senergy Wall Systems* Technical Bulletin for a list of sealants.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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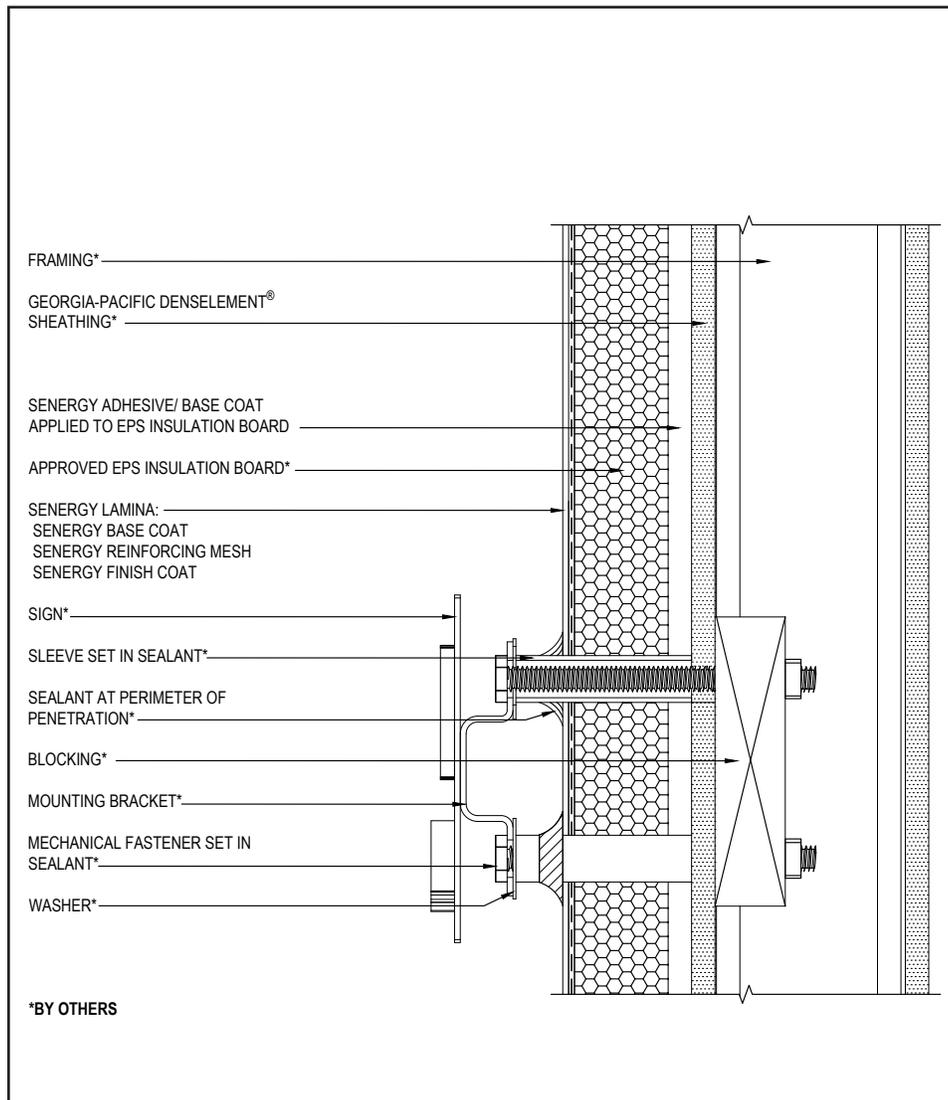
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## Senerflex Channeled Adhesive CI Design with DensElement® Sheathing

### 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 Senergy Wall Systems* Technical Bulletin for a list of sealants.
- DensElement® Barrier System must be installed in accordance with Georgia-Pacific's published literature. Please contact Georgia-Pacific directly at 1-800-225-6119 or visit [www.buildgp.com](http://www.buildgp.com). Georgia-Pacific is the sole source for the most current product instructions, technical data, and warranty information.

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