

Fig 01	Wall-to-Wall Panel Connections : Corner Wall Connection	2
Fig 02	Foundation Connections : SIP-Wrapped Floor System	3
Fig 03	Foundation Connections : SIP Rim Panel	4
Fig 04	Foundation Connections : SIP Wall on Foundation	5
Fig 05	Foundation Connections : Platform-Framed Floor System (wall Perpendicular to Joists)	6
Fig 05	Foundation Connections : Platform-Framed Floor System (Wall Parallel to Joists)	7
Fig 07	Surface Spline Connection	8
Fig 08	Box/Block Spline Connection	9
Fig 09	Lumber Spline Connection	10
Fig 10	Window Header and Knee Wall Detail	11
Fig 11	Door and Window Framing for Cut-Outs	12
Fig 12	Rough Opening and Insulated Header	13
Fig 13	2nd Floor Connection Details : Hanging Floor Joist System (Wall Perpendicular to Joists)	14
Fig 14	2nd Floor Connection Details : Hanging Floor Joist System (Wall Parallel to Joists)	15
Fig 15	2nd Floor Connection Details : Platform Framing with Rim Board (Wall Perpendicular to Joists)	16
Fig 16	2nd Floor Connection Details : Platform Framing with Rim Board (Wall Parallel to Joists)	17
Fig 17	Upper Wall to Roof Connection	18
Fig 18	Roof-to-Roof Panel Connections : Beveled SIP Ridge	19
Fig 18 a.	Roof-to-Roof Panel Connections : SIP with Ridge Vent	20
Fig 19	Structural Hip Panel Connection	21
Fig 20	Roof Calley Connection with Valley Support : Valley Detail	22
Fig 21	Roof-to-Wall Panel Connections : Beveled SIP Wall	23
Fig 22	Roof-to-Wall Panel Connections : Beveled Blocking	24
Fig 23	Eave Detailing : Sloped Overhand with Square Fascia	25
Fig 24	Eave Detailing : Framed Level Soffit with Square Cut Roof SIP	26
Fig 25	Eave Detailing : Framed Level Soffit with Plumb Cut Roof SIP	27
Fig 26	Eave Detailing : Fully Framed Overhang	28
Fig 27	Vented Cold Roof Generic Detail	29

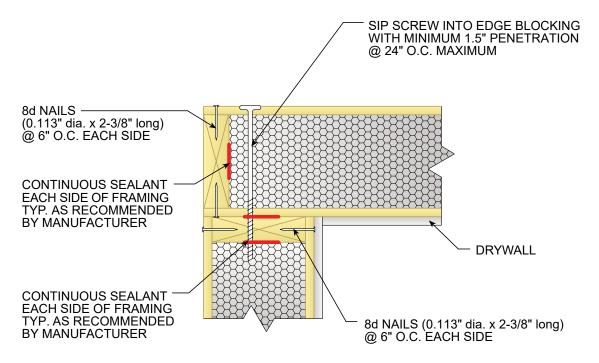


Introductory Note

Just a Few Things About SIPS...

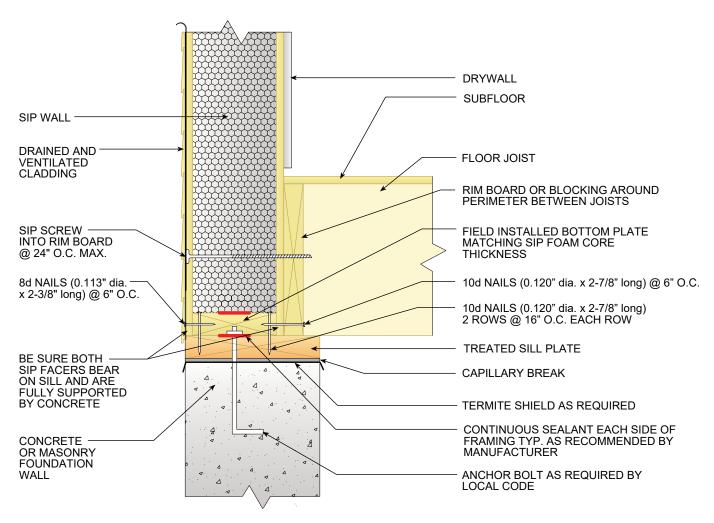
- 1. The connection details shown in this guide are industry minimums. Consult manufacturer for specific recommendations (e.g., CAD .dwg files).
- 2. Projects may require larger and/ore more closely spaced fasteners than shown in these details. Please refer to the project drawings and the SIP manufacturer's code listing for specific recommendations.
- 3. Structurally, surface splines and block/box splines have the same capacity, can be used interchangeably, and are fastened using 8d nailes (see manufacturer specifications).
- 4. Air sealing SIP connections is critical and caries by climate zone. Follow the SIP manufacturer's recommendations for the project's individual climate carefully. Not all air sealing specifications are listed in each of the following details for claroty. Additional information may be found in SIP DESIGN BP-8: ROOF AND WALL ASSEMBLIES (available for free download at sips.org).
- 5. Consult the SIP manufacturer for roofing underlayment, water resistive barrier (WRB), and capilary break recommendations.

Wall-to-Wall Panel Connections : Corner Wall Connection



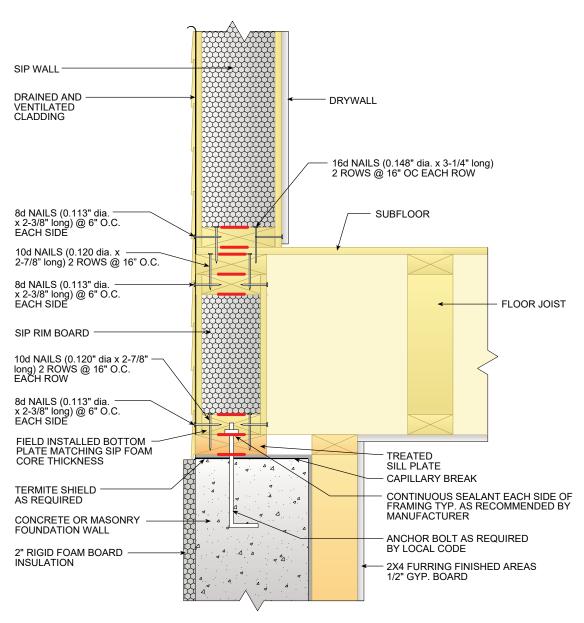
ALL SIP JOINTS SHALL BE AIR SEALED WITH SEALANT AND/OR SIP TAPE. FOLLOW SIP MANUFACTURER'S RECOMMENDATIONS FOR SIP TAPE WIDTHS AND SEALANT PATTERN AND THICKNESSES.

Foundation Connections : SIP-Wrapped Floor System



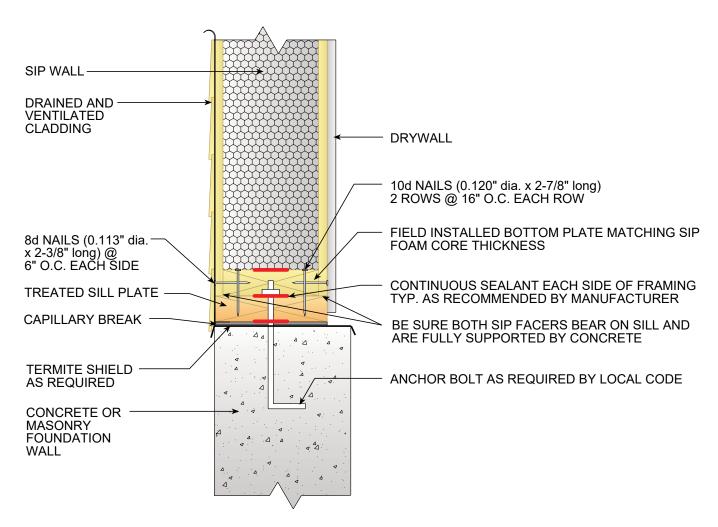
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Foundation Connections : SIP Rim Panel



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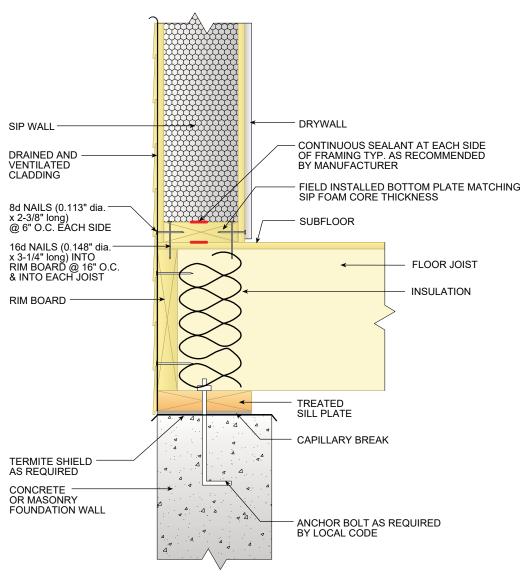
Foundation Connections : SIP Wall on Foundation



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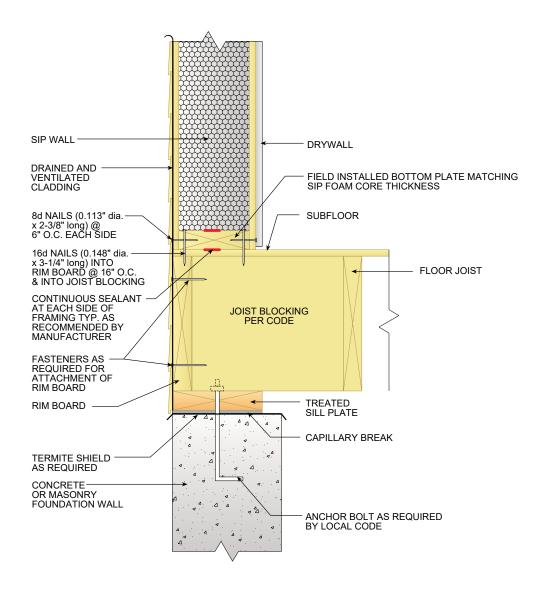
Foundation Connections:

Platform-Framed Floor System (Wall Perpendicular to Joists)



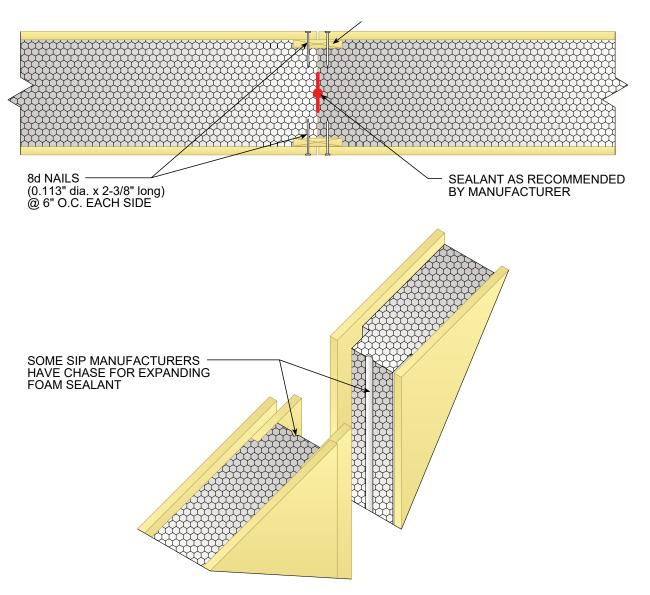
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Foundation Connections : Platform-Framed Floor System (Wall Parallel to Joists)



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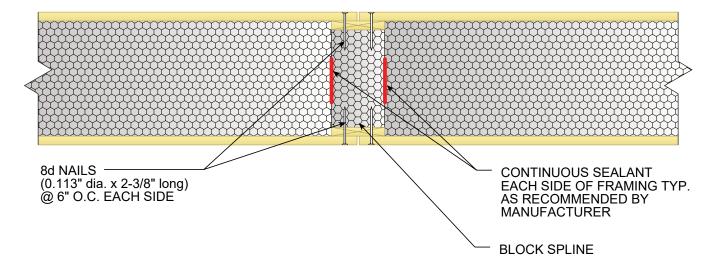
Surface Spline Connection



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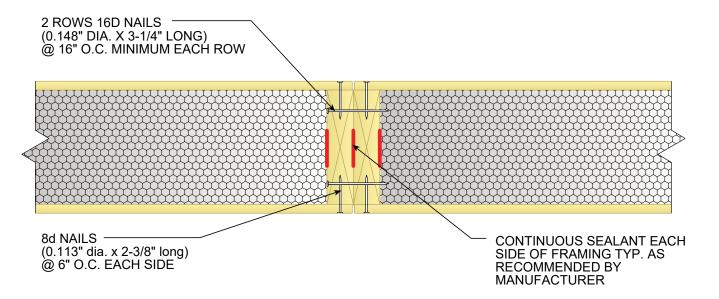


Box/Block Spline Connection



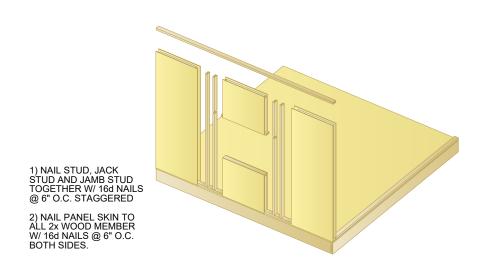
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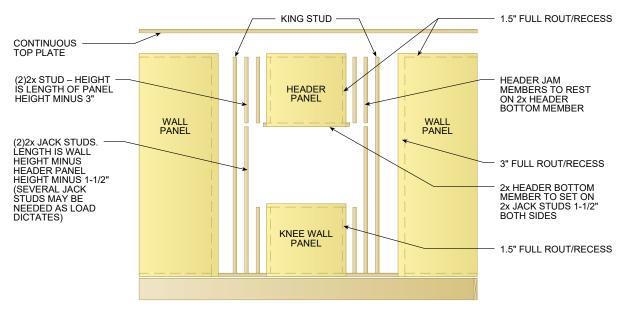
Lumber Spline Connection



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Window Header and Knee Wall Detail

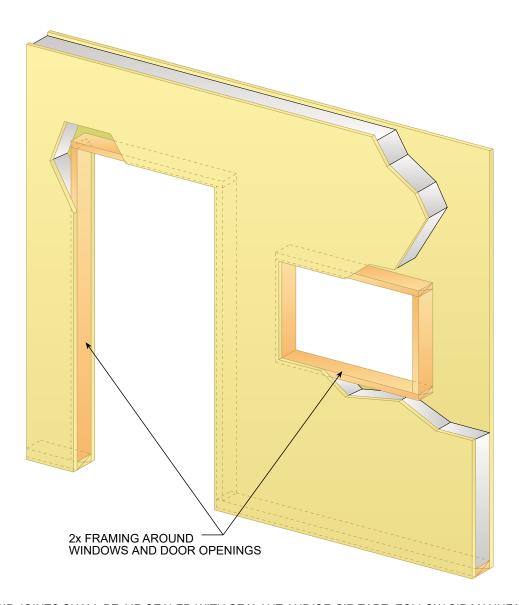




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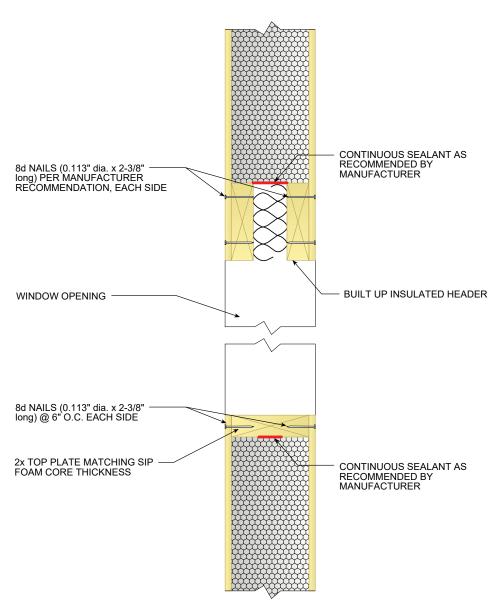
Door and Window Framing for Cut-Outs



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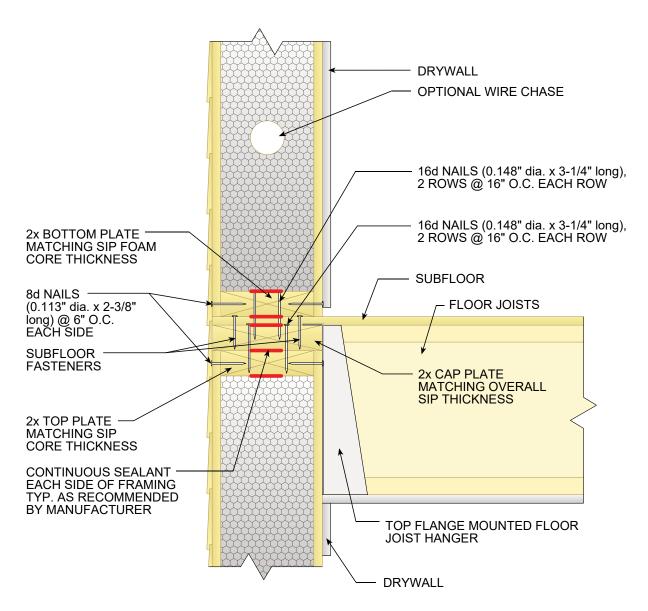


Rough Opening and Insulated Header



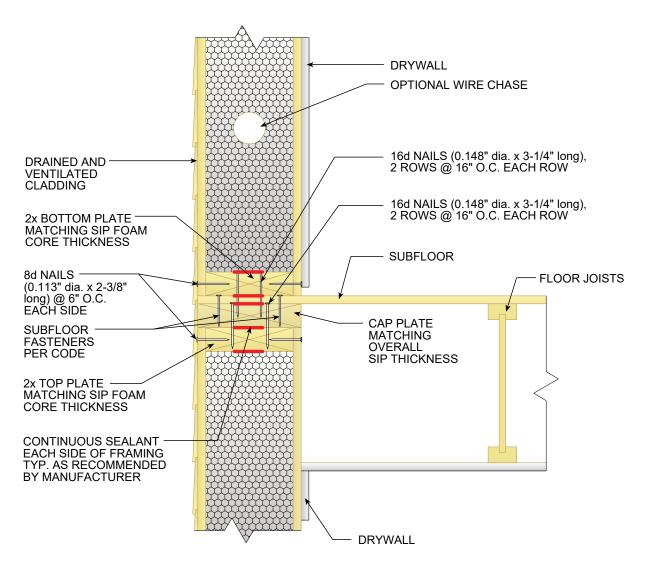
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2nd Floor Connection Details : Hanging Floor Joist System (Wall Perpendicular to Joists)



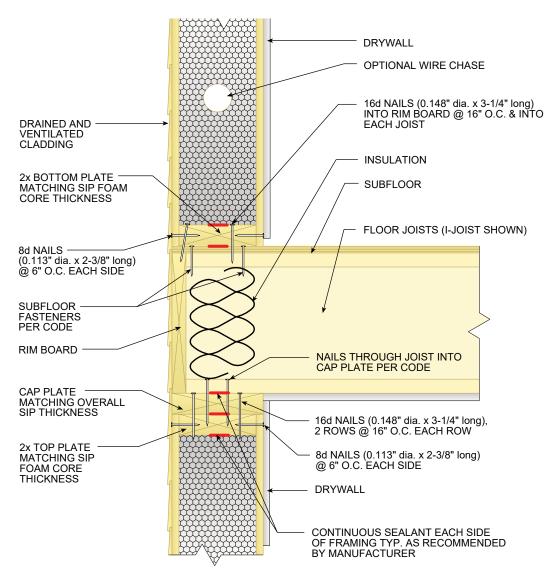
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2nd Floor Connection Details : Hanging Floor Joist System (Wall Parallel to Joists)



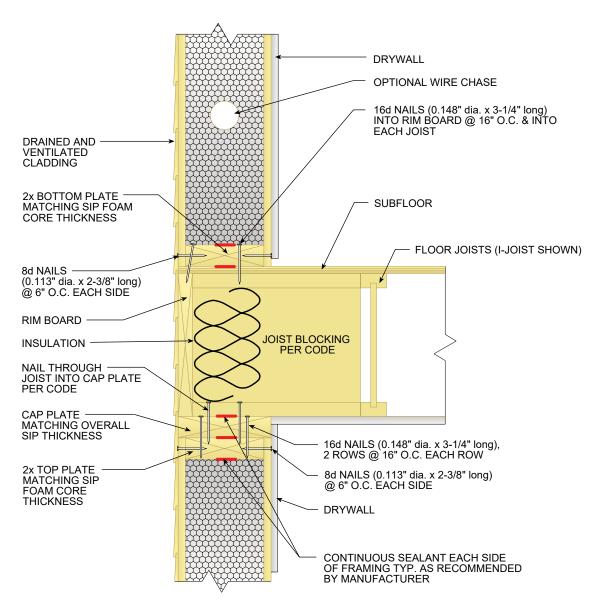
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2nd Floor Connection Details :
Platform Framing with Rim Board (Wall Perpendicular to Joists)



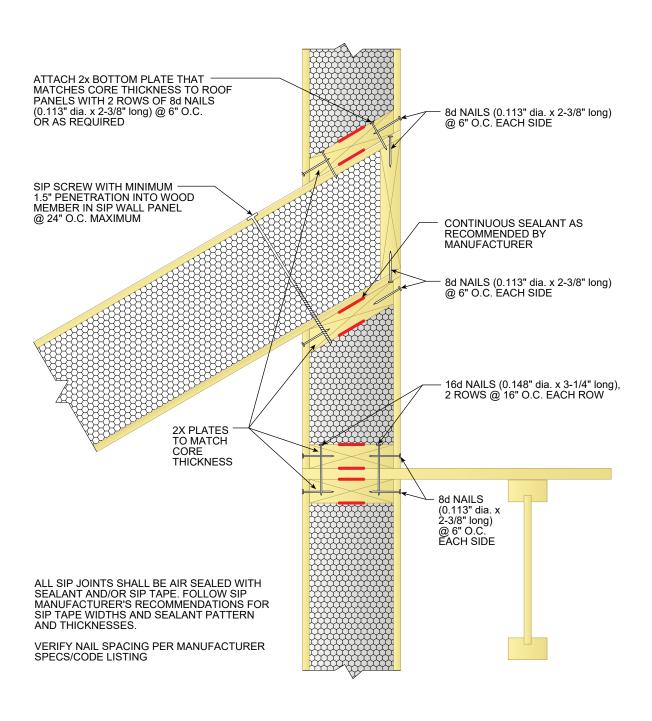
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2nd Floor Connection Details : Platform Framing with Rim Board (Wall Parallel to Joists)



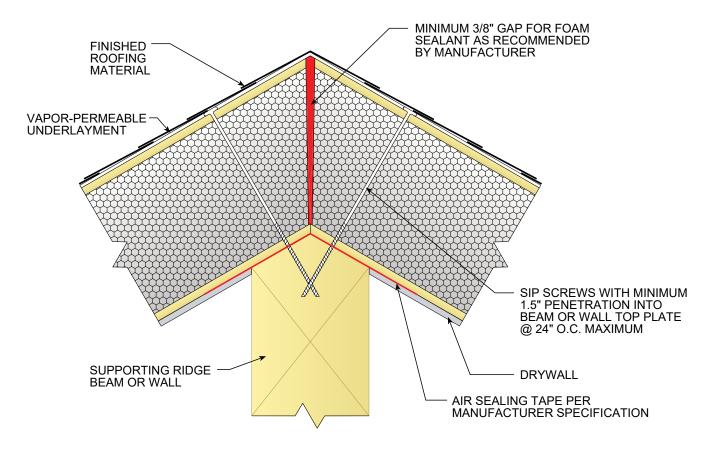
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Upper Wall to Roof Connection





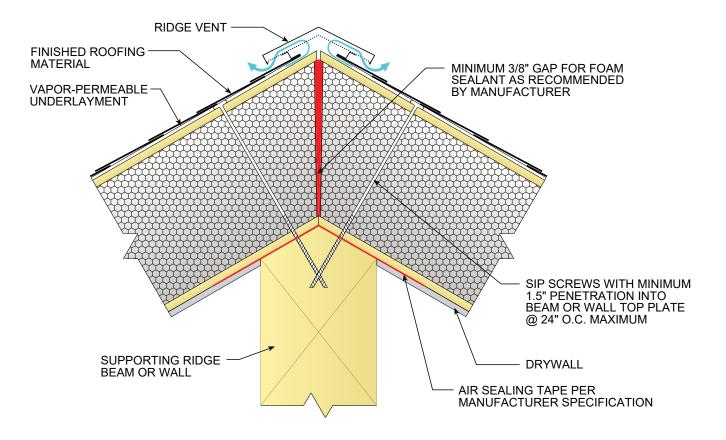
Roof-to-Roof Panel Connections : Beveled SIP Ridge



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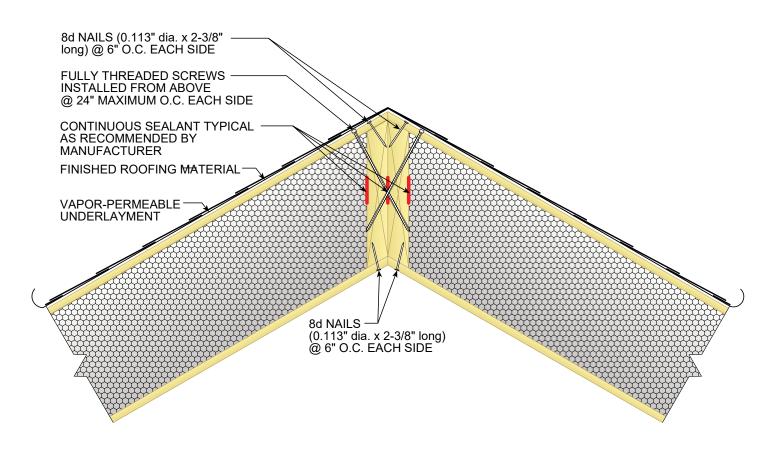
Figure 18 a.

Roof-to-Roof Panel Connections : SIP with Ridge Vent



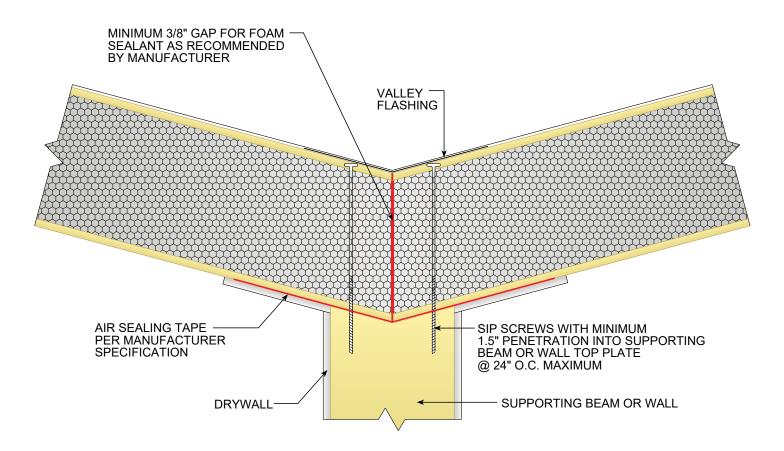
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Structural Hip Panel Connection



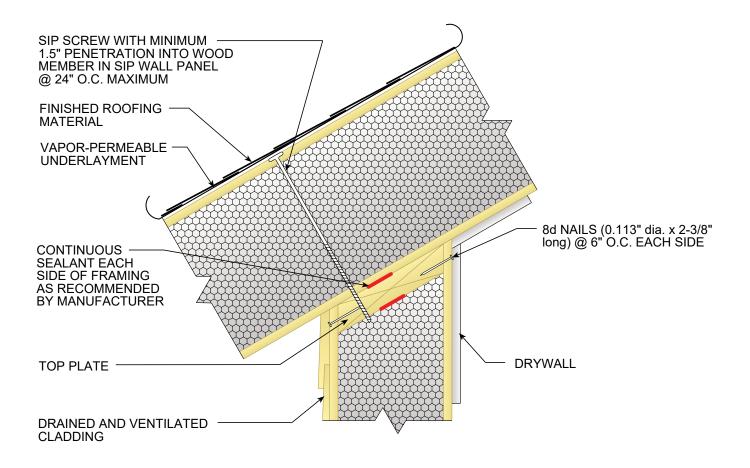
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Roof Calley Connection with Valley Support : Valley Detail



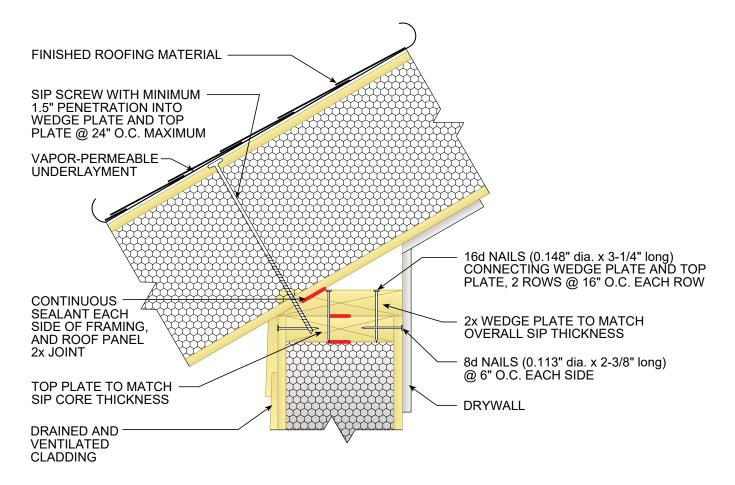
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Roof-to-Wall Panel Connections : Beveled SIP Wall



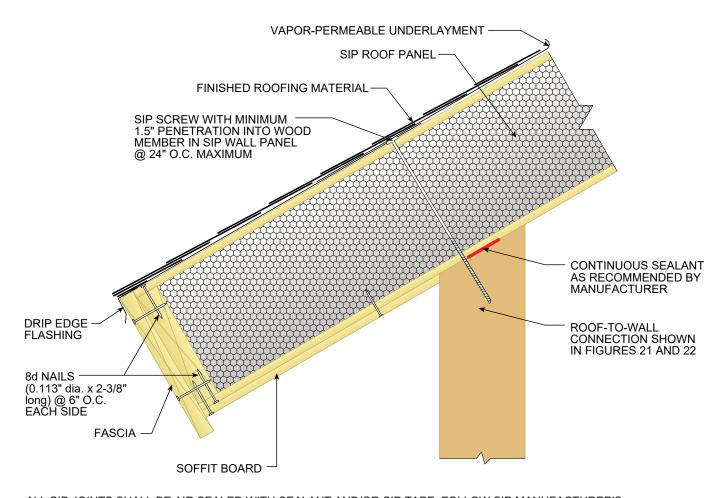
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Roof-to-Wall Panel Connections : Beveled Blocking



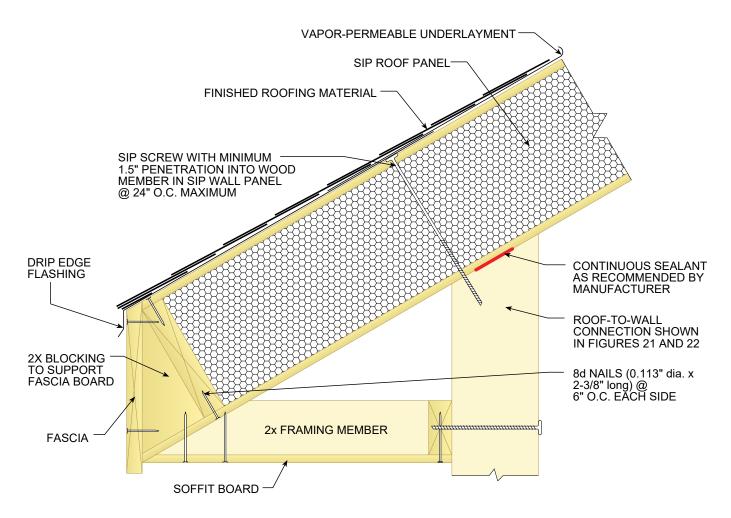
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Eave Detailing : Sloped Overhand with Square Fascia



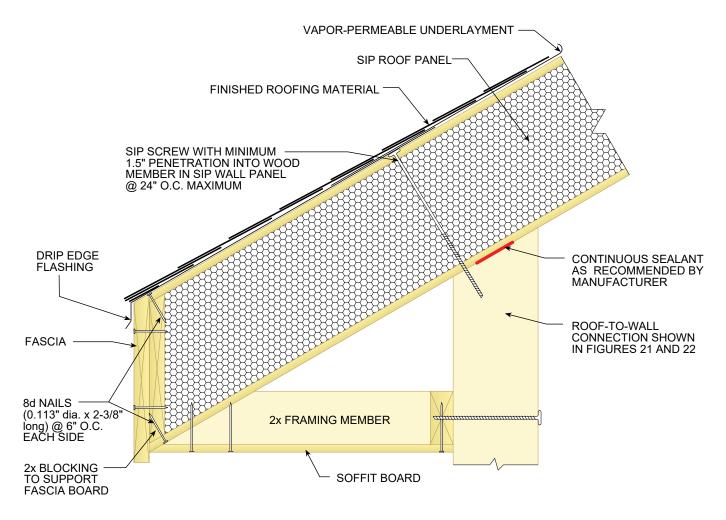
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Eave Detailing : Framed Level Soffit with Square Cut Roof SIP



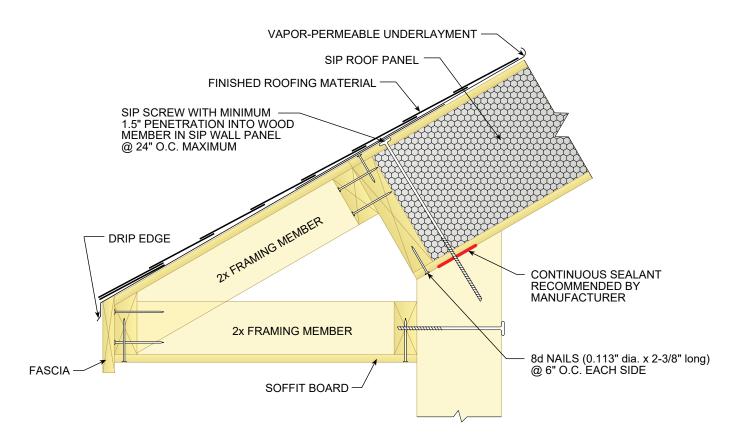
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Eave Detailing : Framed Level Soffit with Plumb Cut Roof SIP



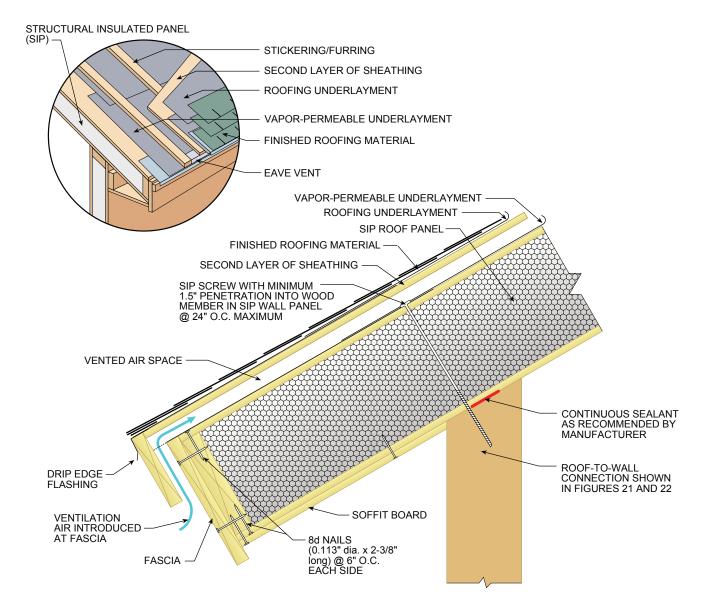
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Eave Detailing : Fully Framed Overhang



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Vented Cold Roof Generic Detail



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