



PRO LOK ROOF SYSTEM
ARCHITECTURAL DETAILS

INDEX

GENERAL DETAILS

Details Index..... 1
General..... 2
Detail Locator 3
Roof Panel Sections - RollLok Seam 4
Roof Panel Sections - TripleLok Seam..... 5
Roof Panel Section - QuadLok Seam..... 6
Eave Section — Eave Trim..... 7
Eave Section — Eave Gutter 8
Roof Panel Endlap Section..... 9
Ridge Section 10
High Eave Section - High Eave Trim 11
High Eave Section - Transition Flashing 12
Starting Rake Section - Rake Trim 13
Finish Rake Section - Rake Trim 14
Rake Section - Transition Flashing 15
Hip Section 16
Valley Section 17
Valley Gutter Suction..... 18
Interior Eave Gutter Section 19
Roof Sections - Fiberglass Insulation 20
Roof Sections - Fiberglass Insulation With Thermal Spacers 21
Roof Sections - Rigid Foam Insulation 22



GENERAL

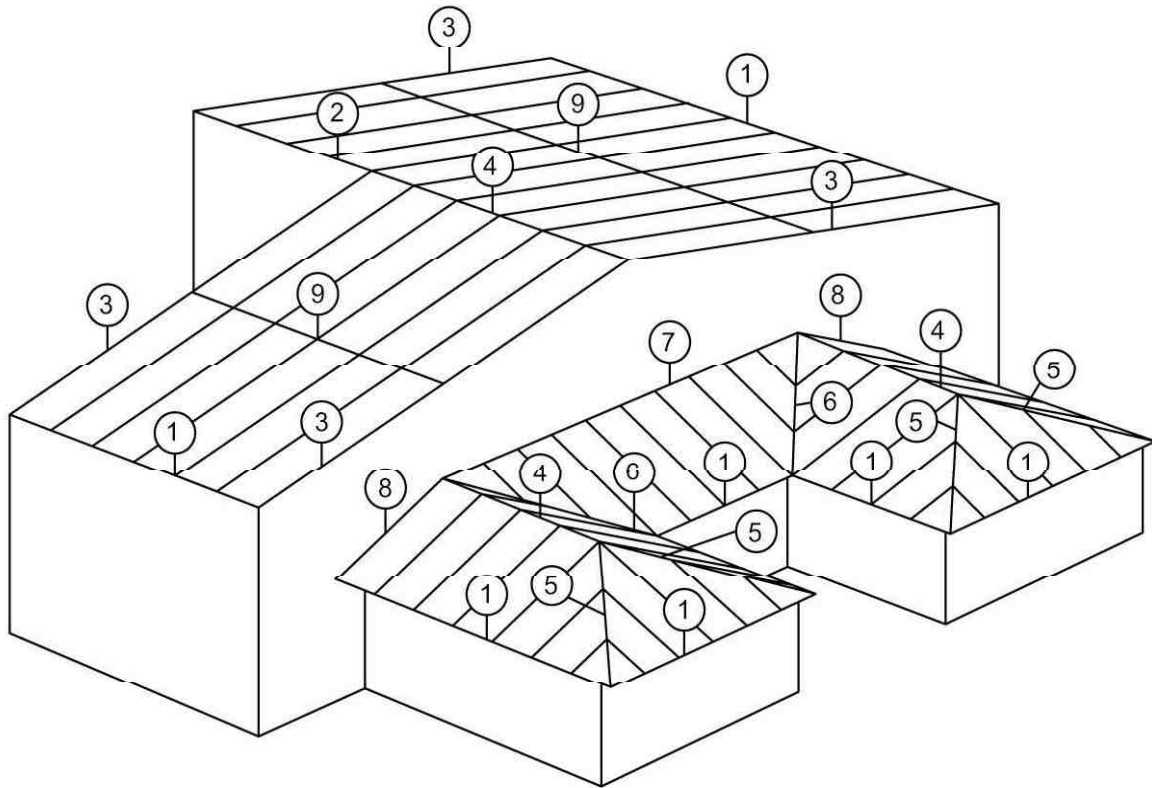
The following Architectural Details provide a graphic description of the Dean Steel Buildings Standing Seam Roof System and it's standard applications. Use these details to determine the applications required for your specific project.

These standard application details are based on typical and proven designs utilizing gasket type sealed assemblies to provide more positive weather resistance over a broad range of conditions, including low pitched roofs. It is the project designer's responsibility to assure that the specified application is appropriate for the roof's intended use.

These details show generic roof structural members, roof insulation and adjacent construction for simplicity of presentation. These details may be modified to accommodate clarification of structural members, roof insulation, trim profile, tie-in to adjacent construction etc.

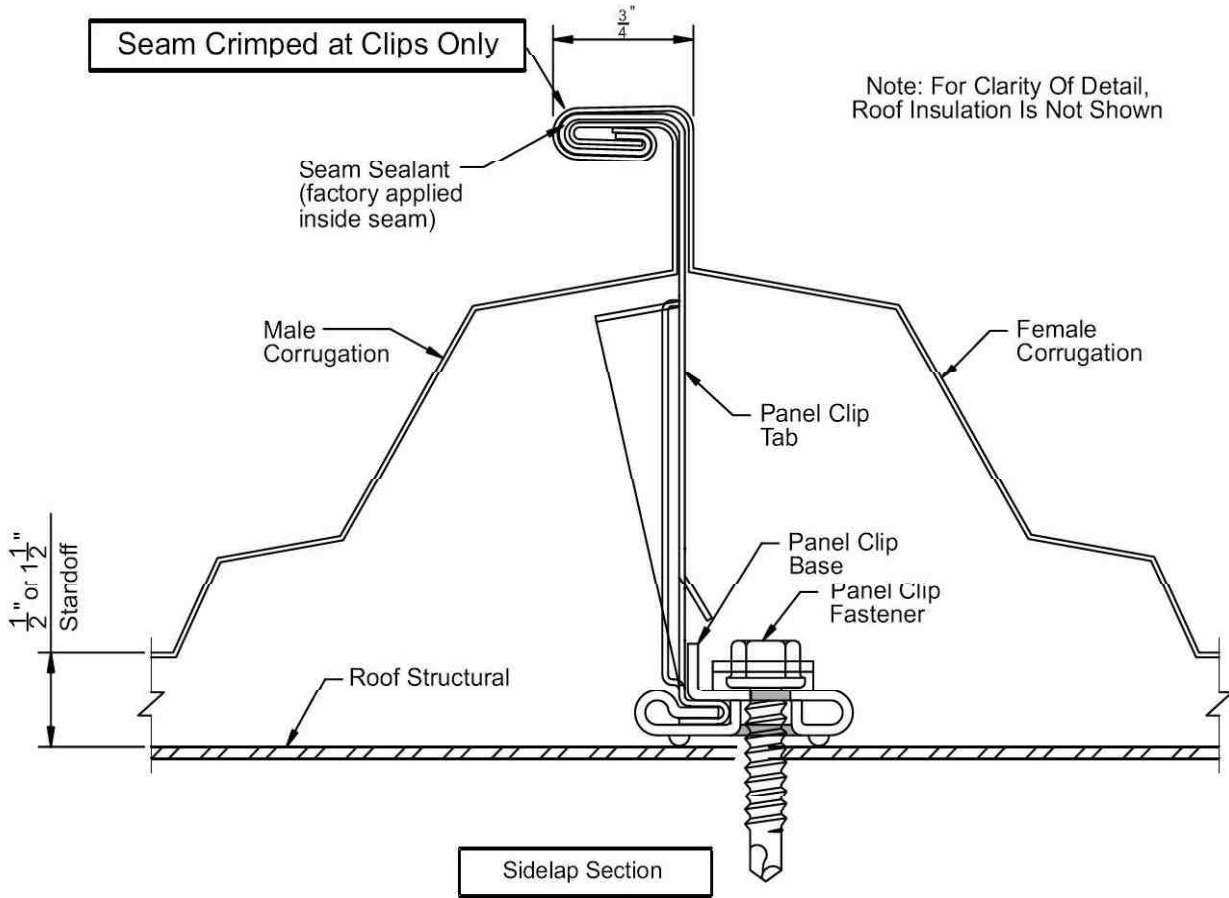
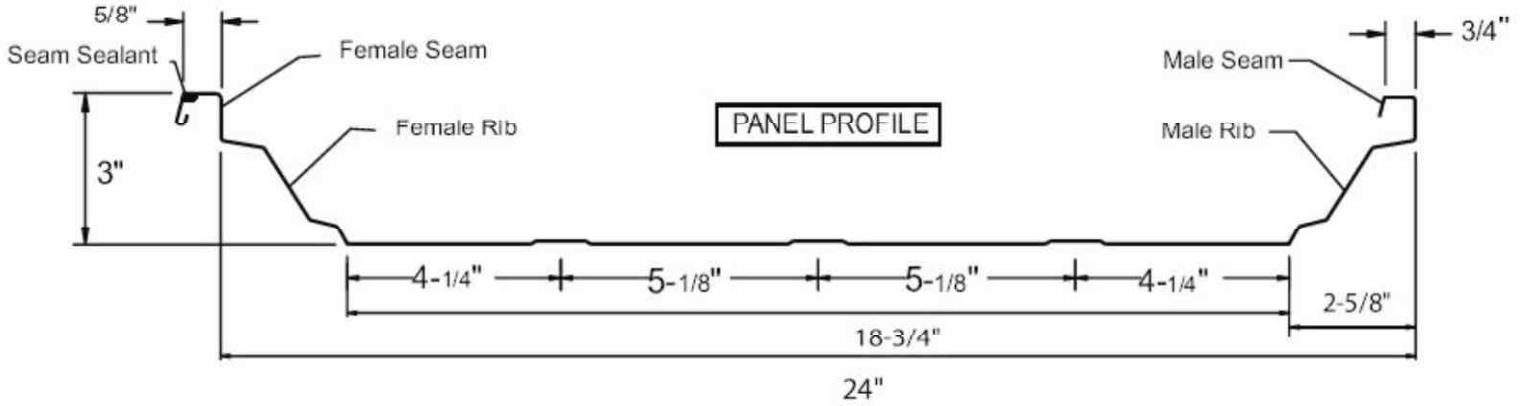
The basic function of the details, such as roof panel assembly and fit-up to closures and flashing, sealing and attachments etc. cannot be modified. All applications, not in accordance to these details, require approval by the Dean Steel Buildings Customer Service Department.

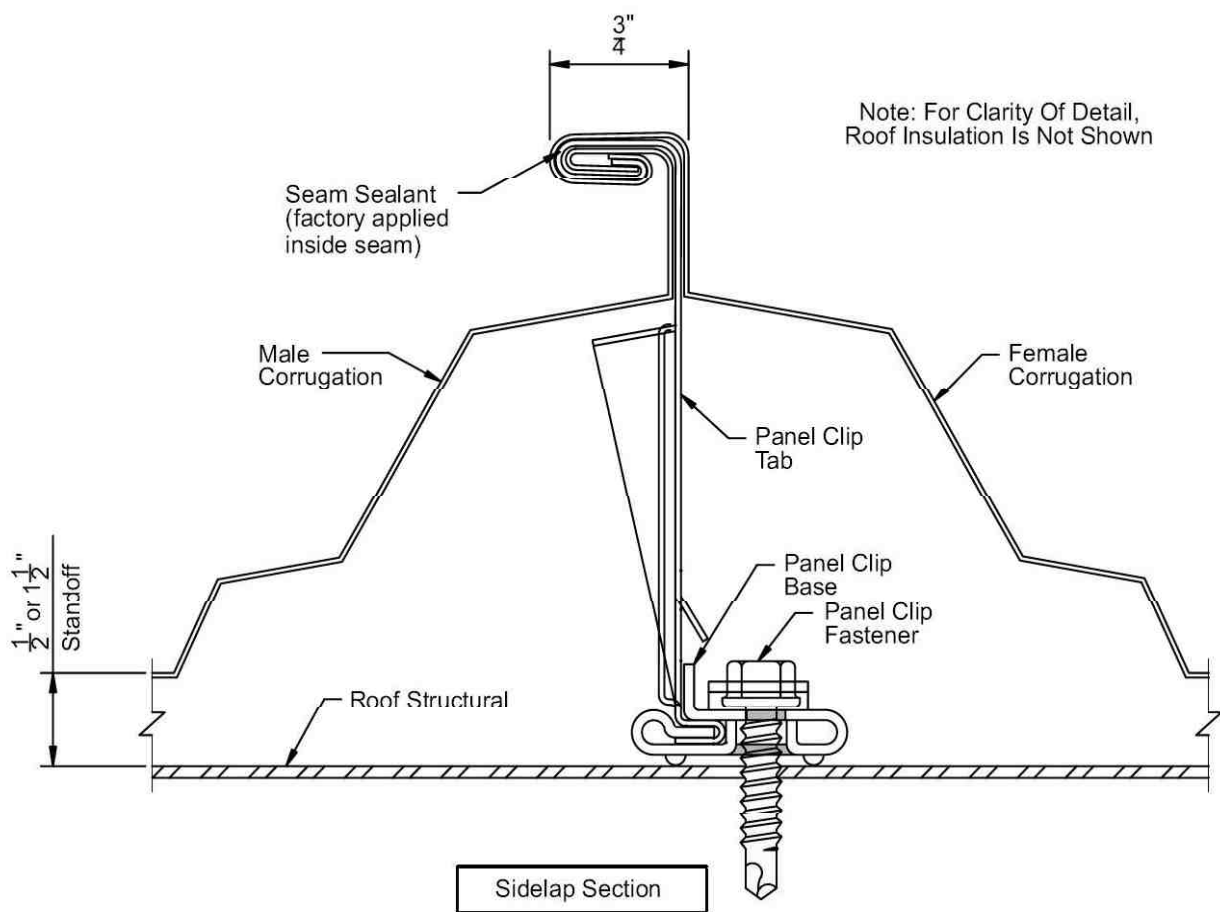
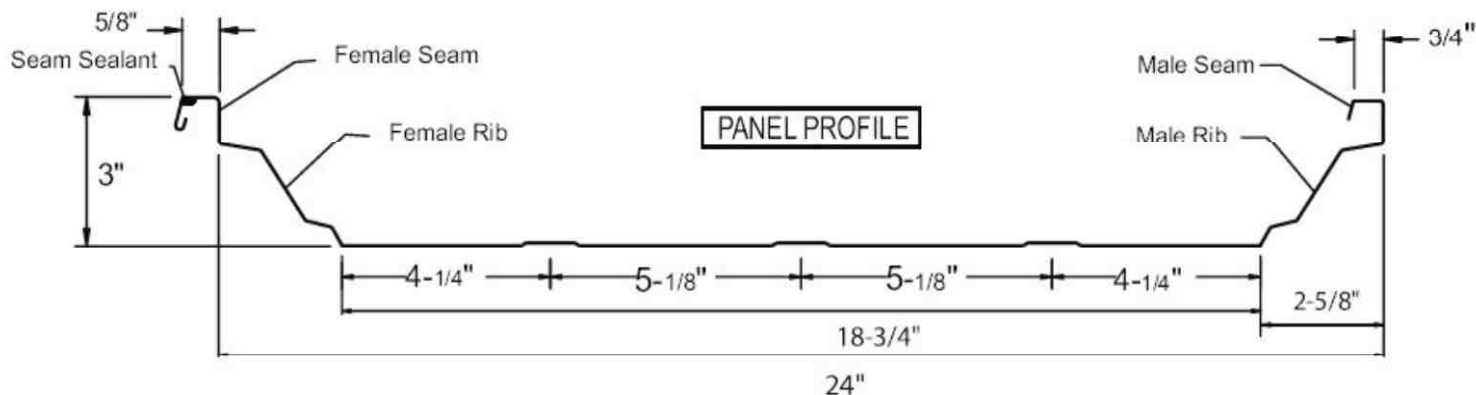
In case of conflict between these Architectural details and the project's erection drawings, the erection drawings will take precedence.

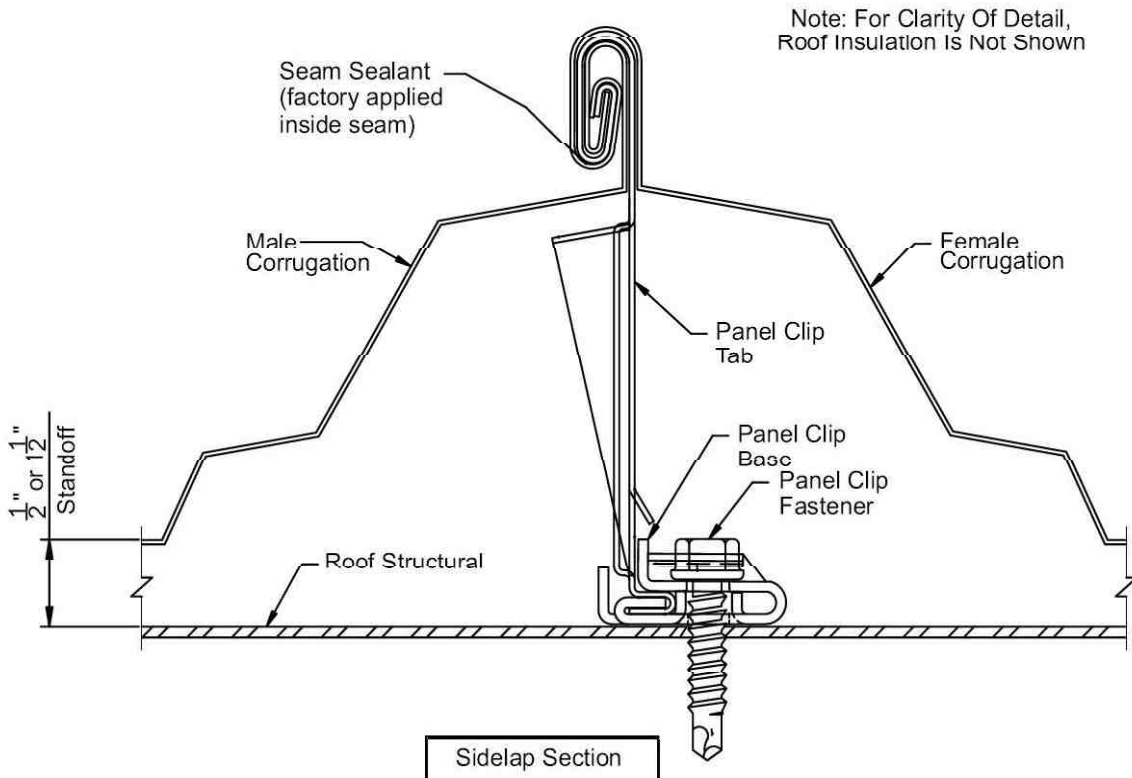
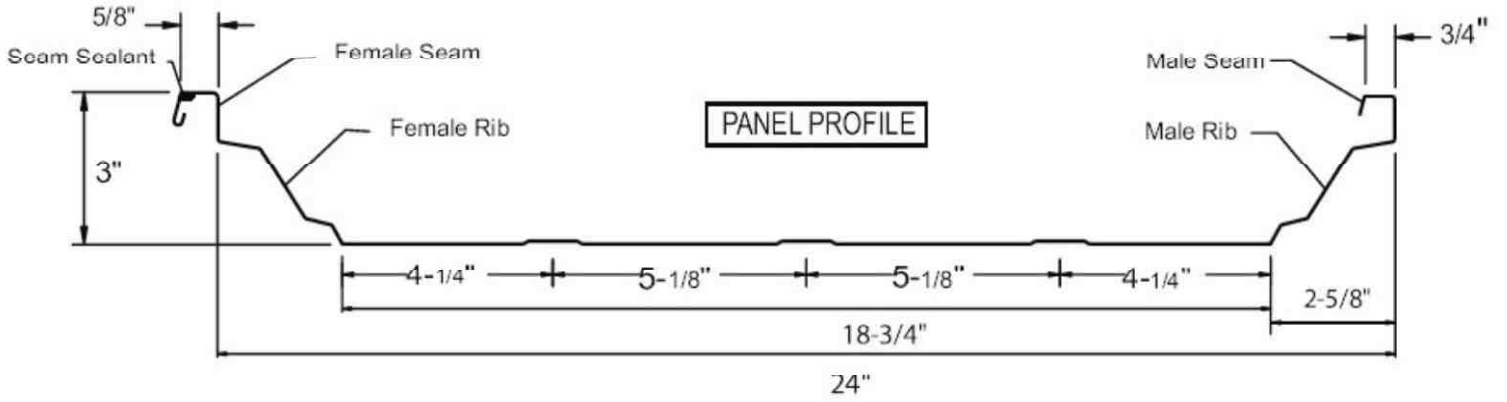


DETAIL LEGEND

- ①.....EAVE
- ②.....HIGH EAVE
- ③.....RAKE
- ④.....RIDGE
- ⑤.....HIP
- ⑥.....VALLEY
- ⑦.....HIGH EAVE TRANSITION
- ⑧.....RAKE TRANSITION
- ⑨.....ROOF PANEL ENDLAP

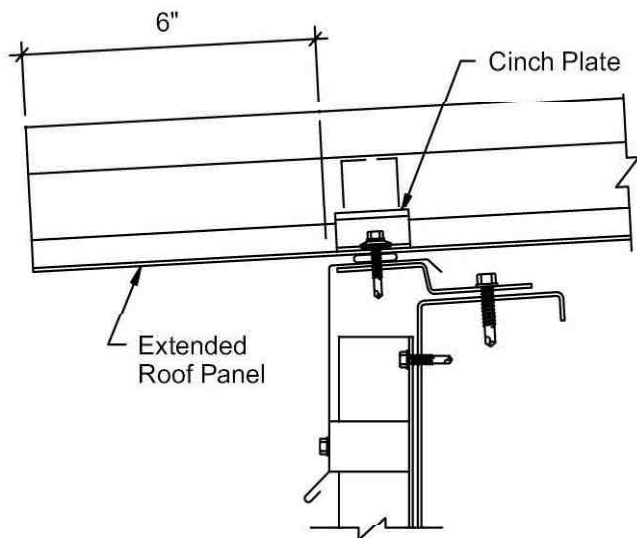
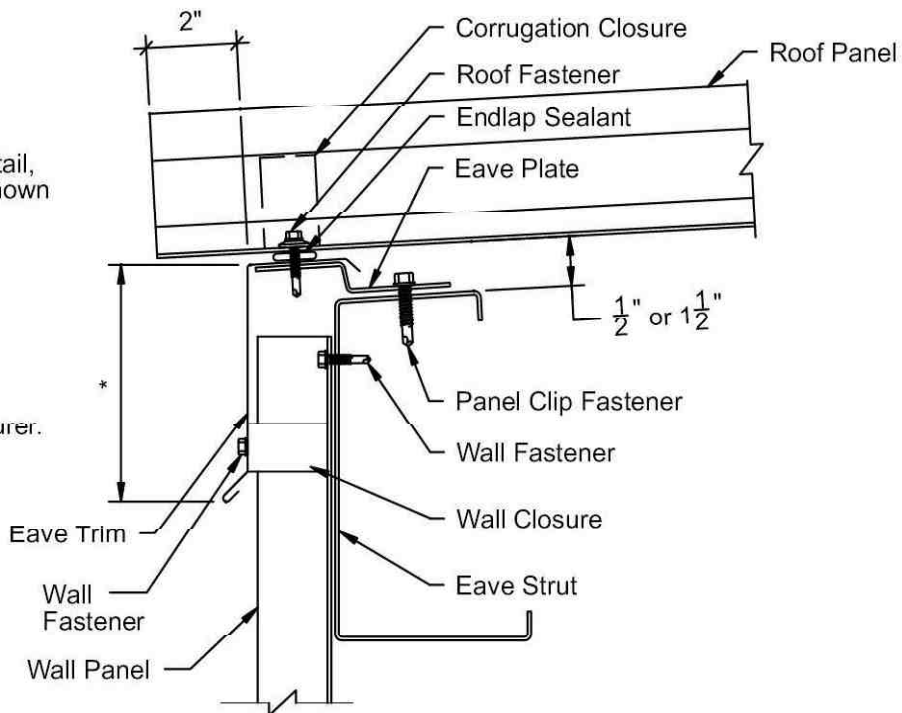




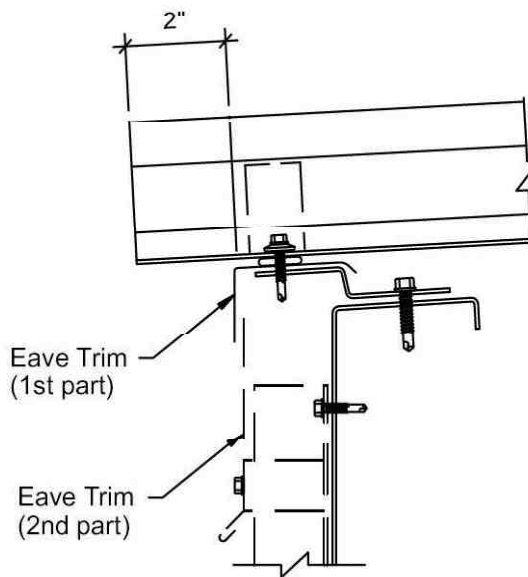


Note: For Clarity Of Detail,
Roof Insulation Is Not Shown

* Determined By Manufacturer.

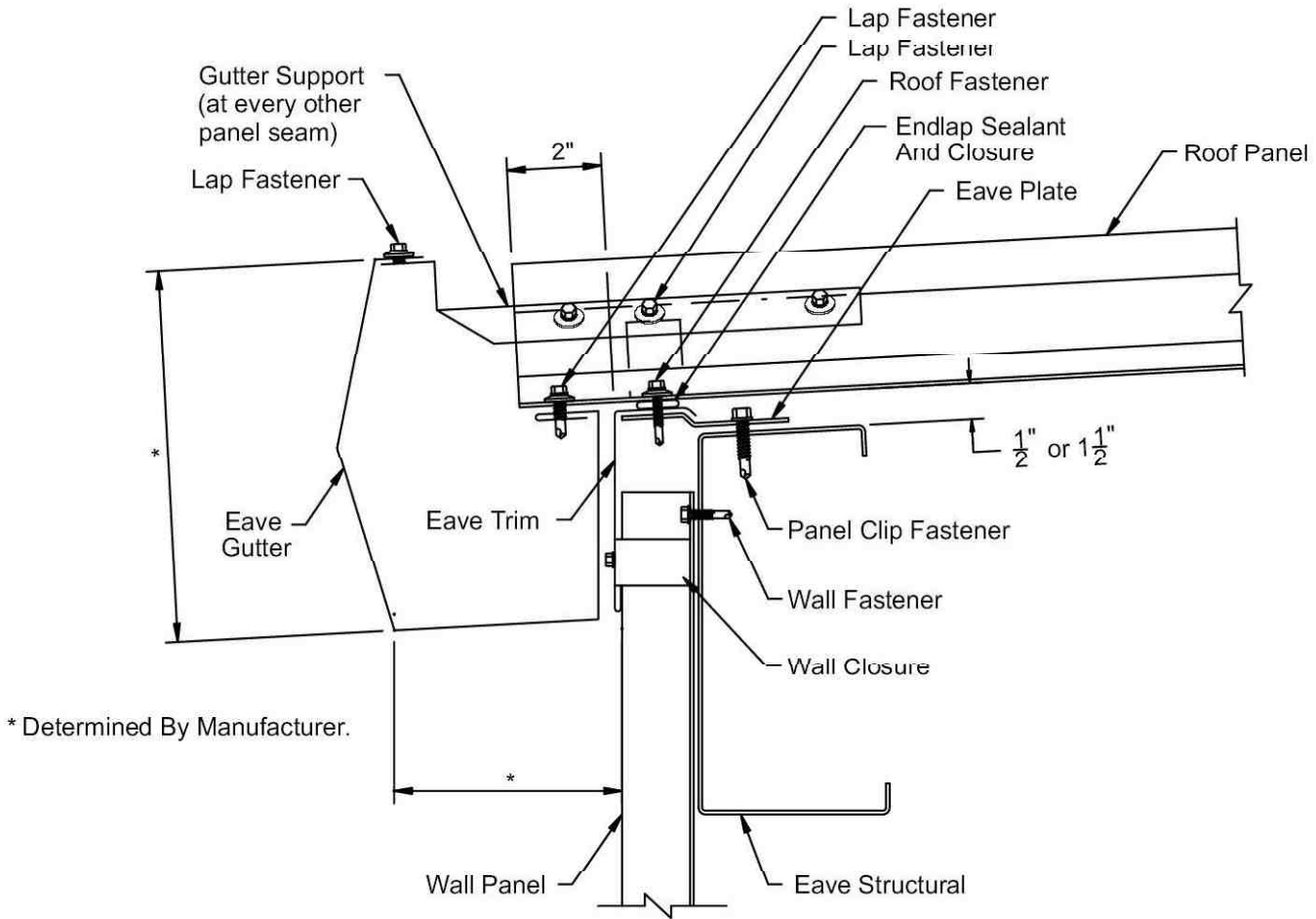


Alternate Cinch Plate
And Extended Roof
(For Heavy Snow And Ice Areas)



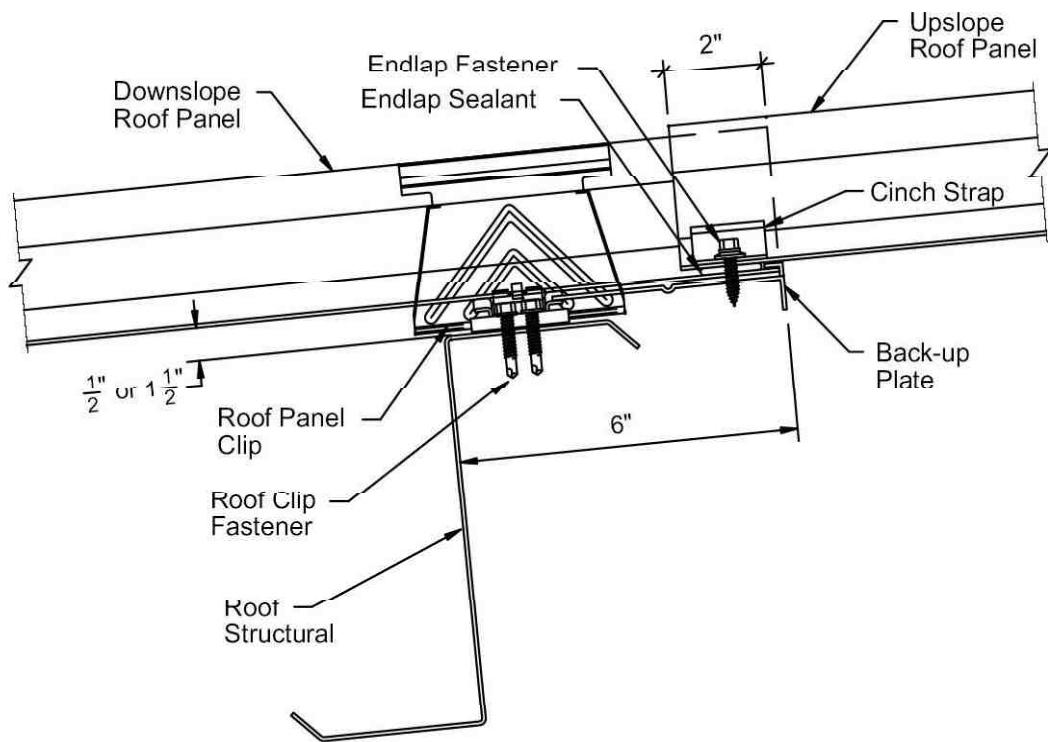
Alternate
Two Part Eave Trim
(To Allow Installation Of Wall
Panel After Roof Is In Place)

Note: For Clarity Of Detail,
Roof Insulation Is Not Shown

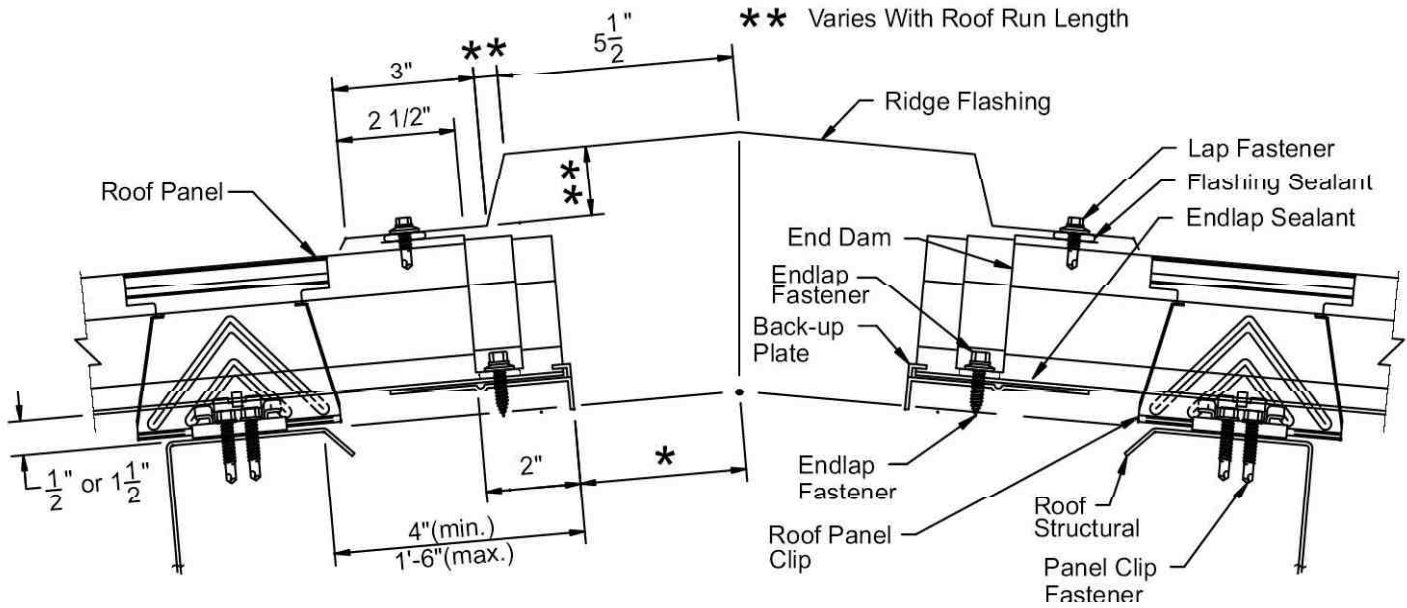


CAUTION
Gutter Is Not Recommended
For Areas That Experience Snow,
Ice, Extreme Rainfall Or Damming Conditions

Note: For Clarity Of Detail,
Roof Insulation Is Not Shown

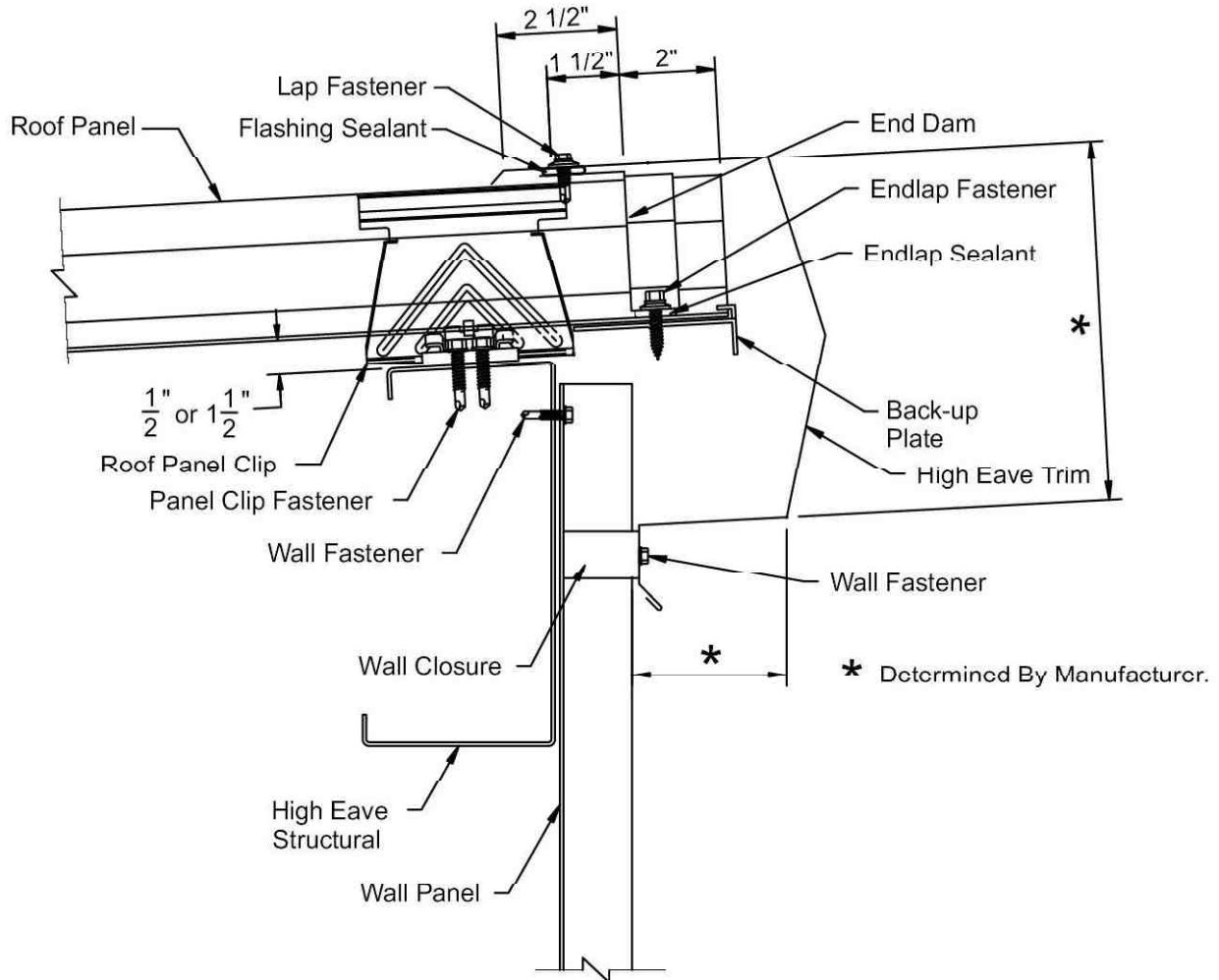


Note: For Clarity Of Detail,
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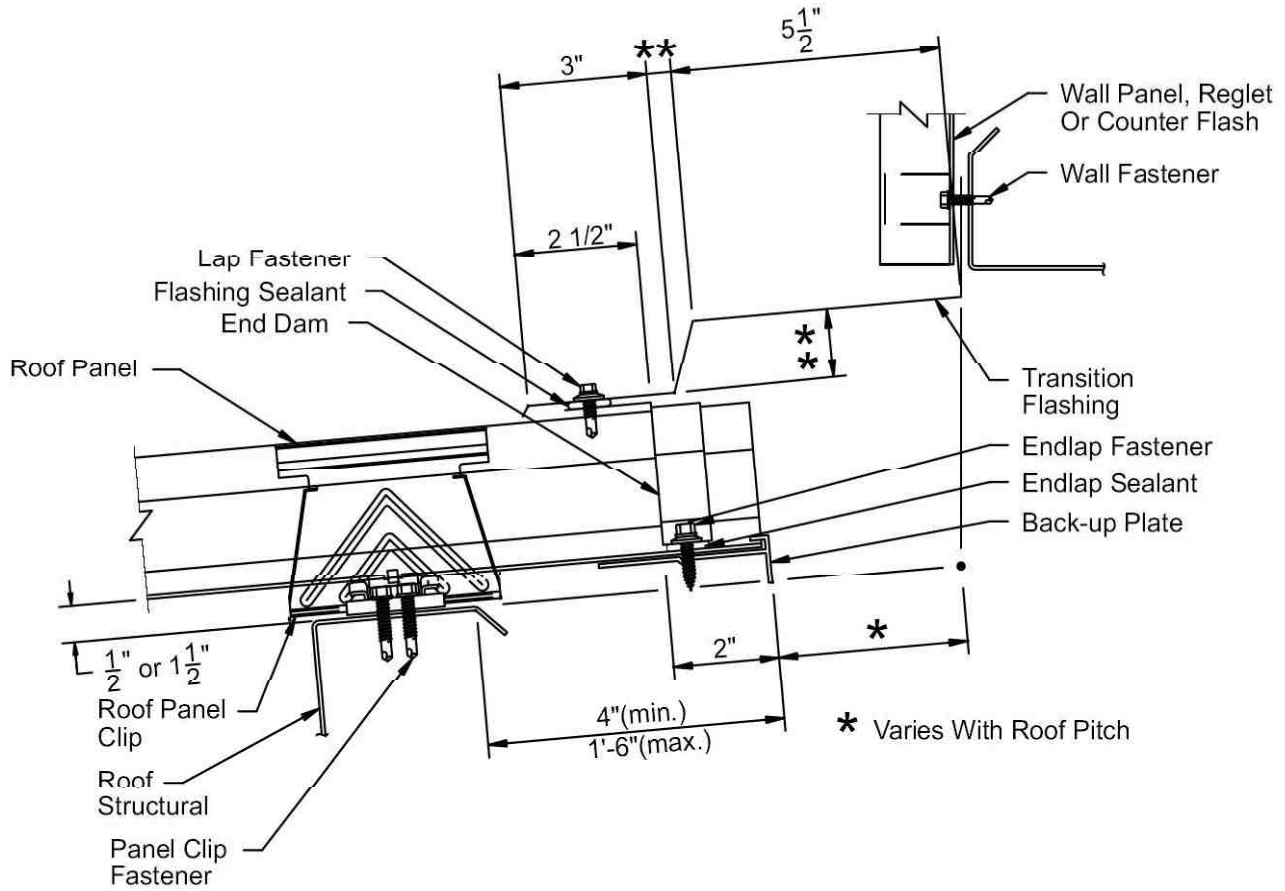
* Varies With Roof Pitch

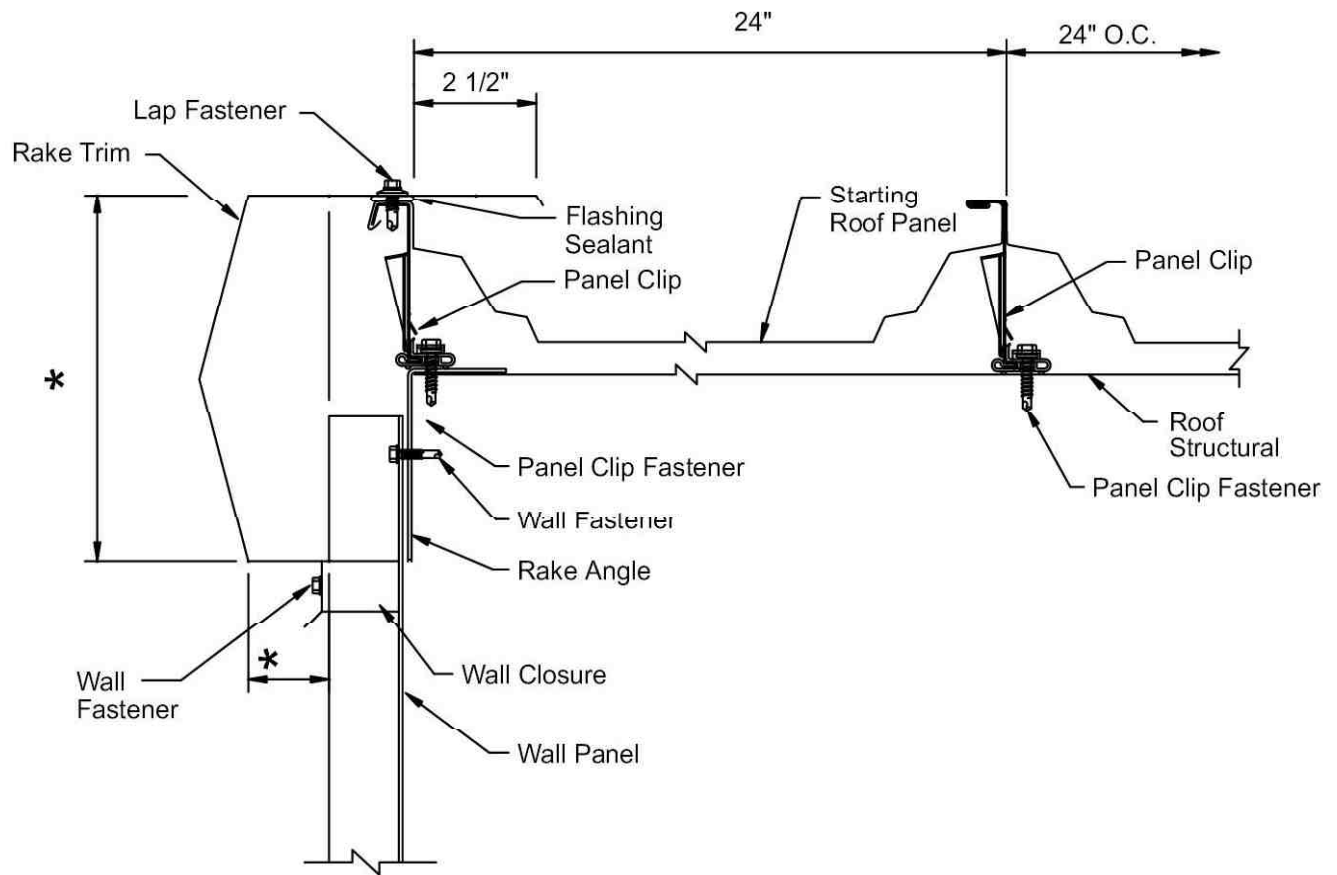
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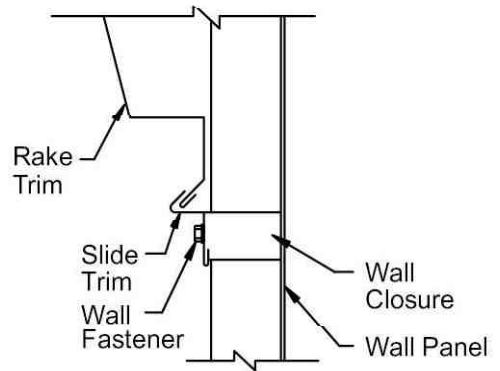
** Varies With Roof Run Length



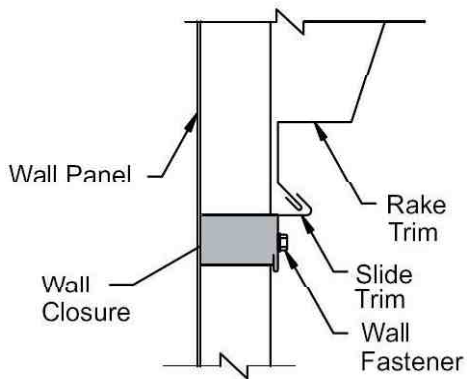
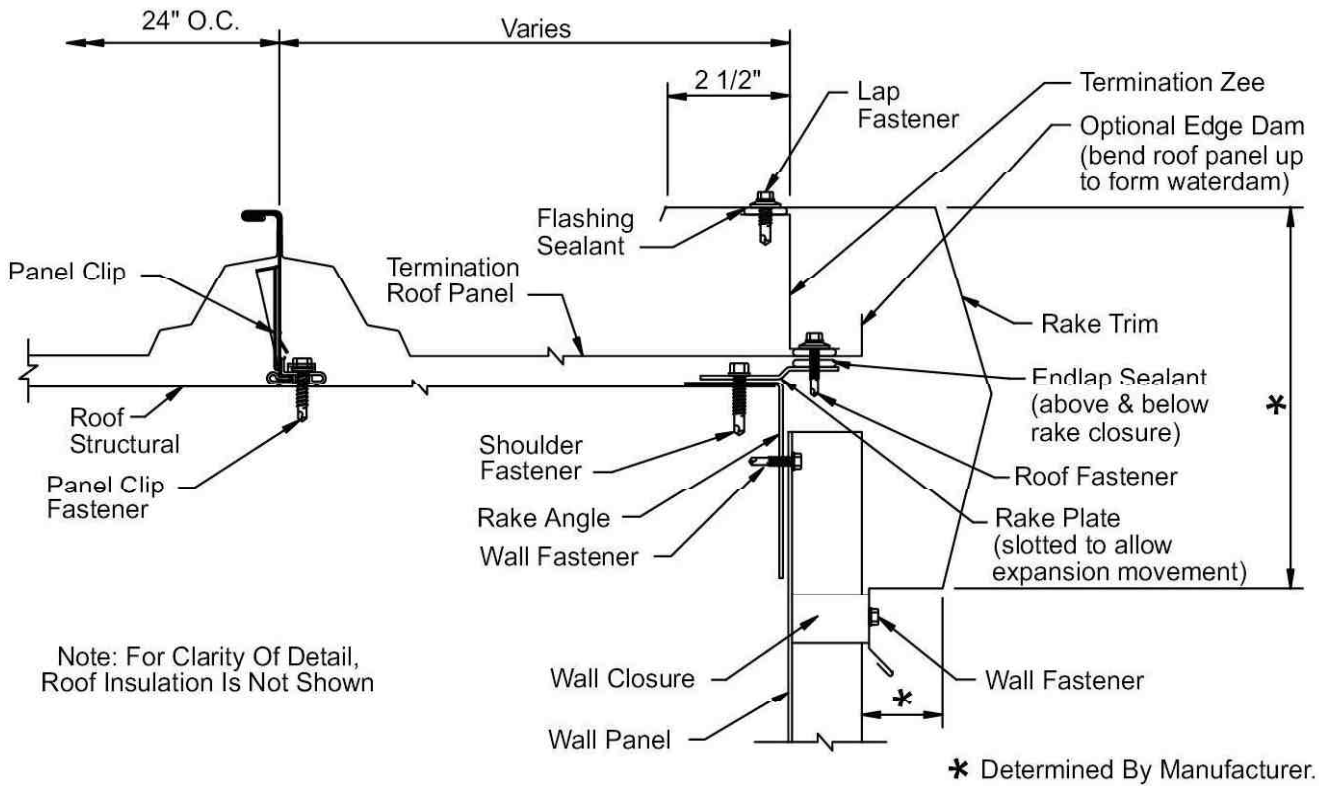


* Determined By Manufacturer.

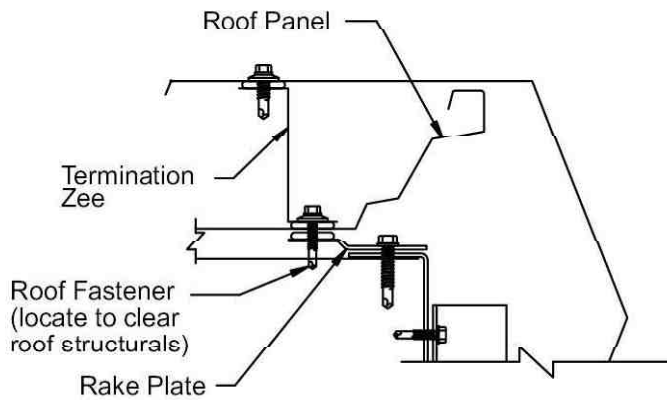
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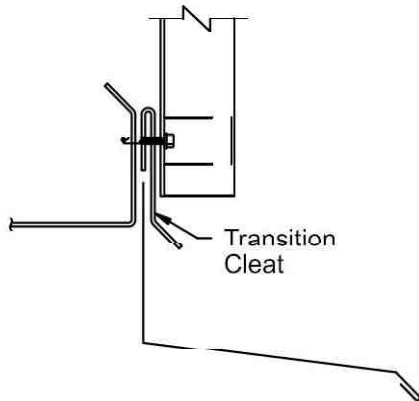
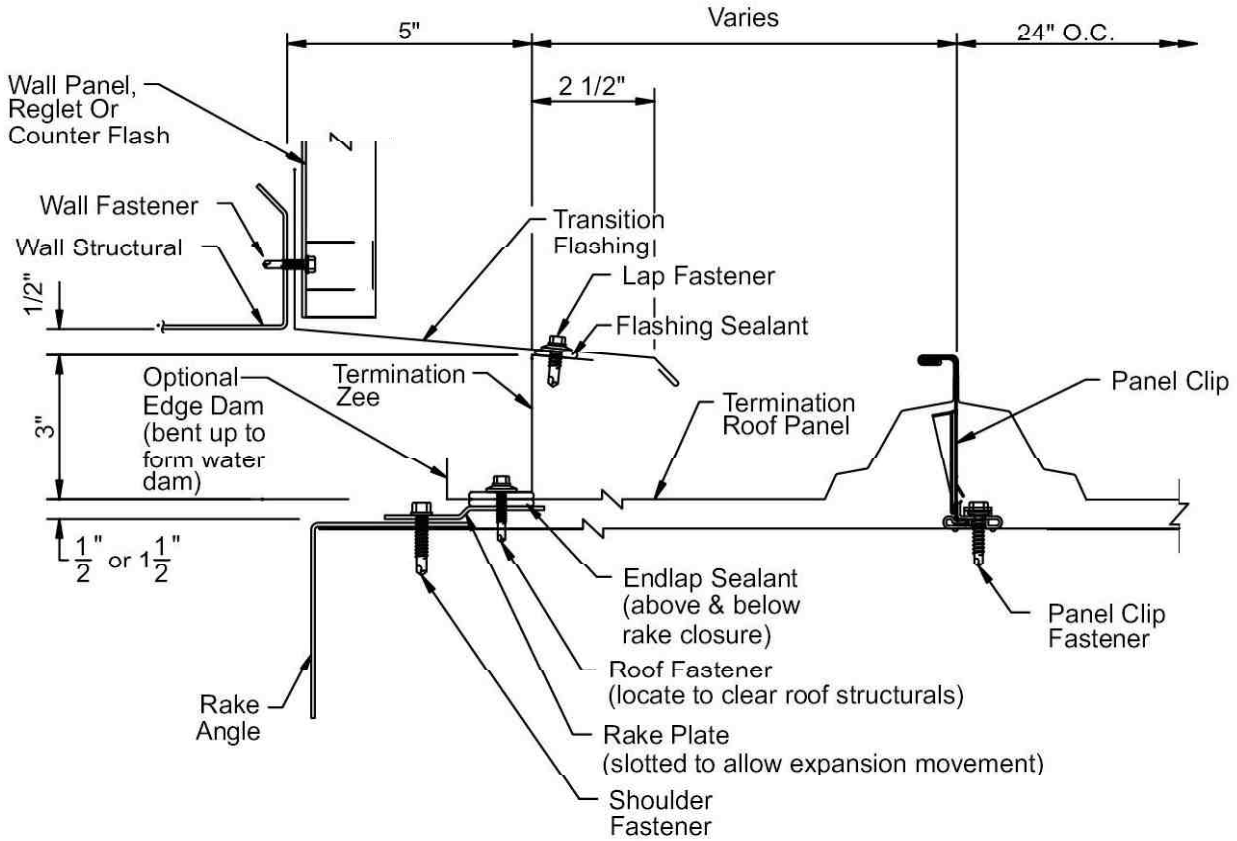
Alternate Sliding Rake Trim
(Allows Expansion Movement Of Rake Trim,
Required When Roof Run Exceeds 50')



Alternate Sliding Rake Trim
(Allows Expansion Movement Of Rake Trim Required When Roof Run Exceeds 50')



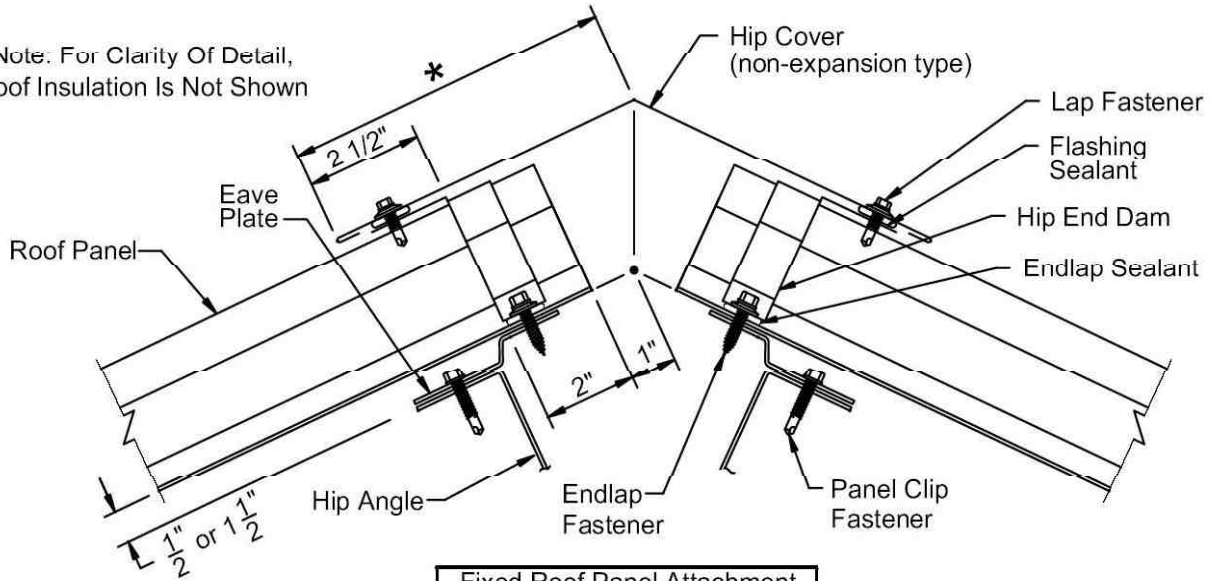
Alternate Attachment To Full Width Roof Panel



- Notes: 1. Detail Shown At Starting Rake, Detail At Finish Rake Is Similar.
 2. For Clarity Of Detail, Roof Insulation Is Not Shown.

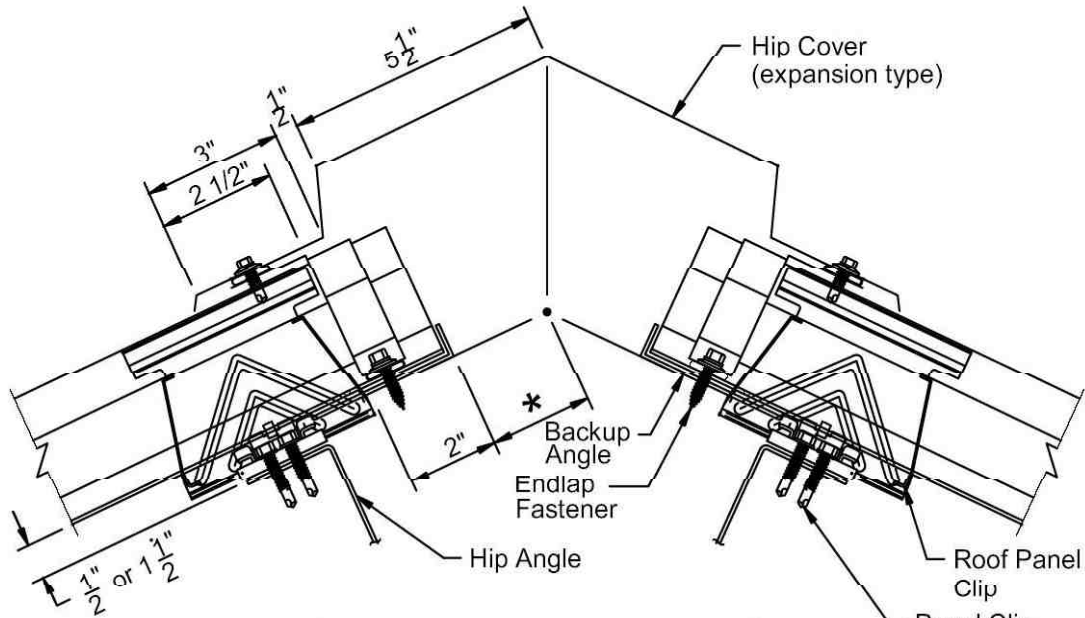
Alternate Sliding Transition Flash (Allows Expansion Movement Of Transition Flash, Required When Roof Run Exceeds 50')

Note: For Clarity Of Detail,
Roof Insulation Is Not Shown



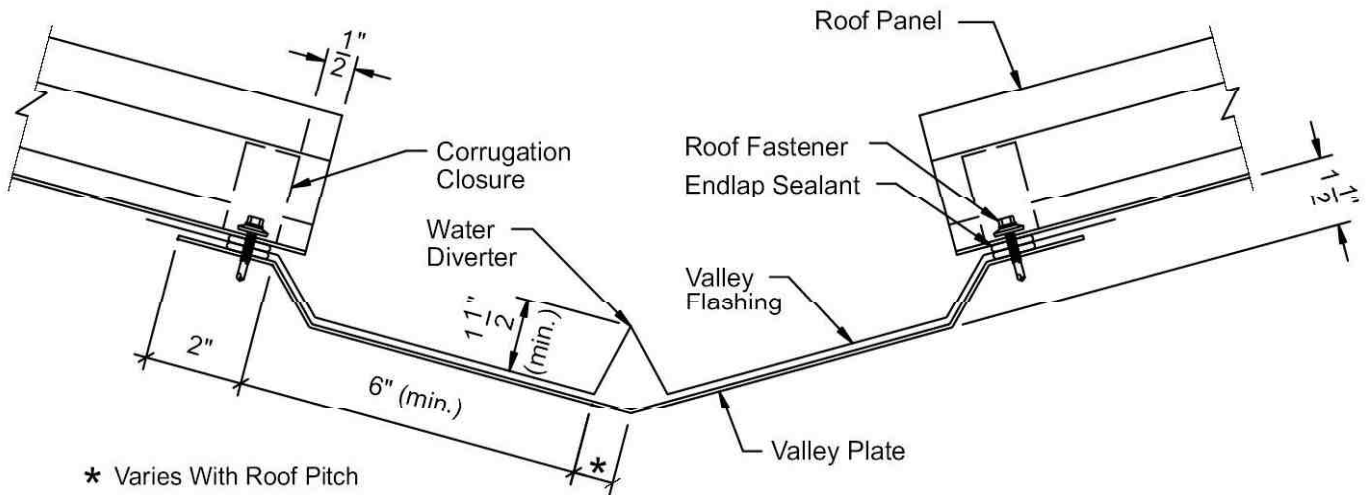
Fixed Roof Panel Attachment
(Typical For Roof Panel Runs
Less Than 50 Feet)

* Varies With Roof Pitch

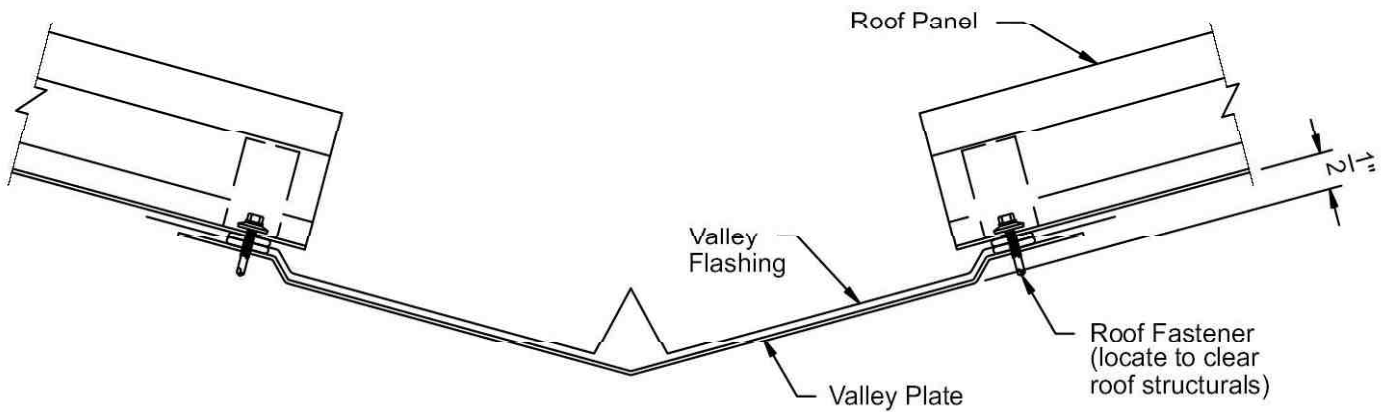


Sliding Roof Panel Attachment
(Allows Expansion Movement Of
Roof Panel, Required When Roof
Panel Run Exceeds 50 Feet)

Note: For Clarity Of Detail,
Roof Insulation Is Not Shown

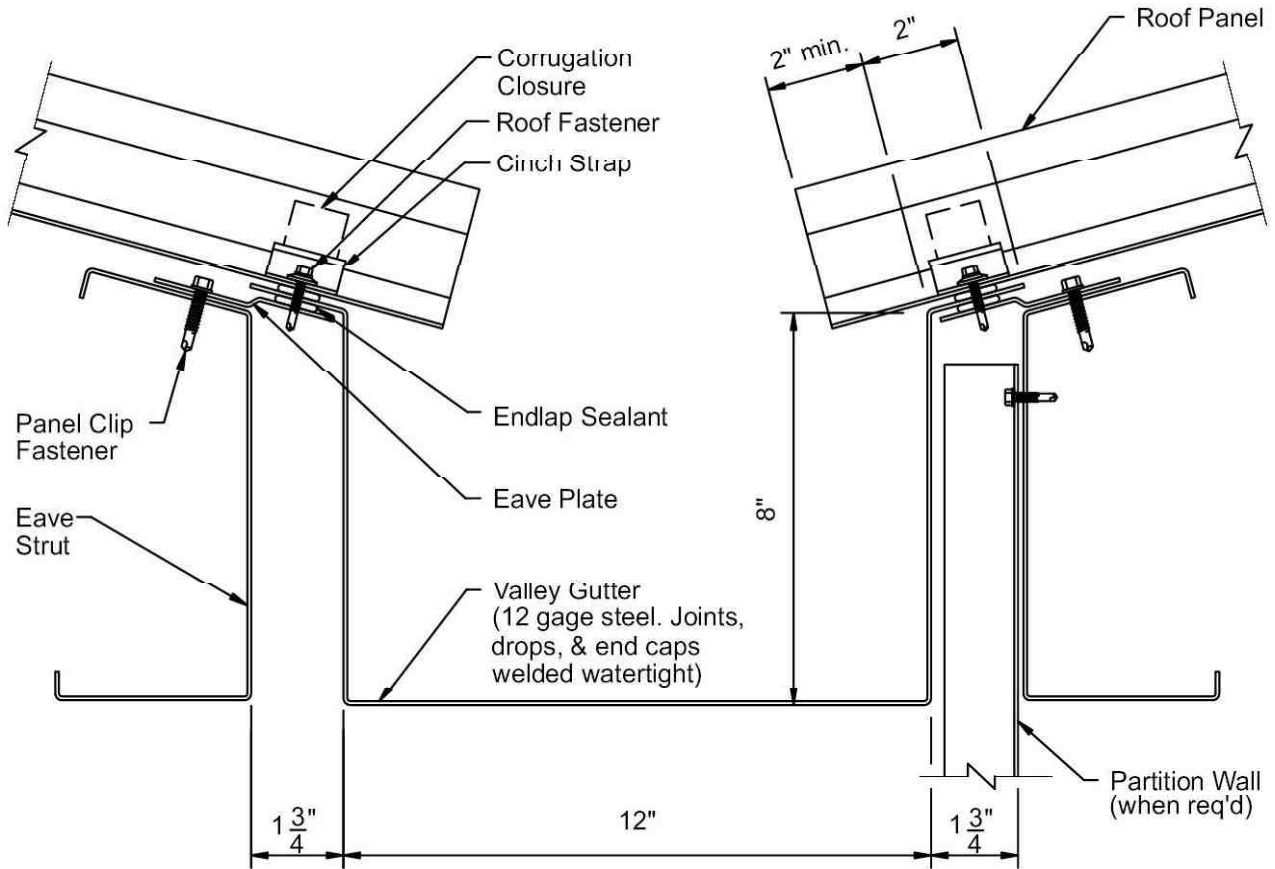


Valley For Roof Systems
With High Panel Clips



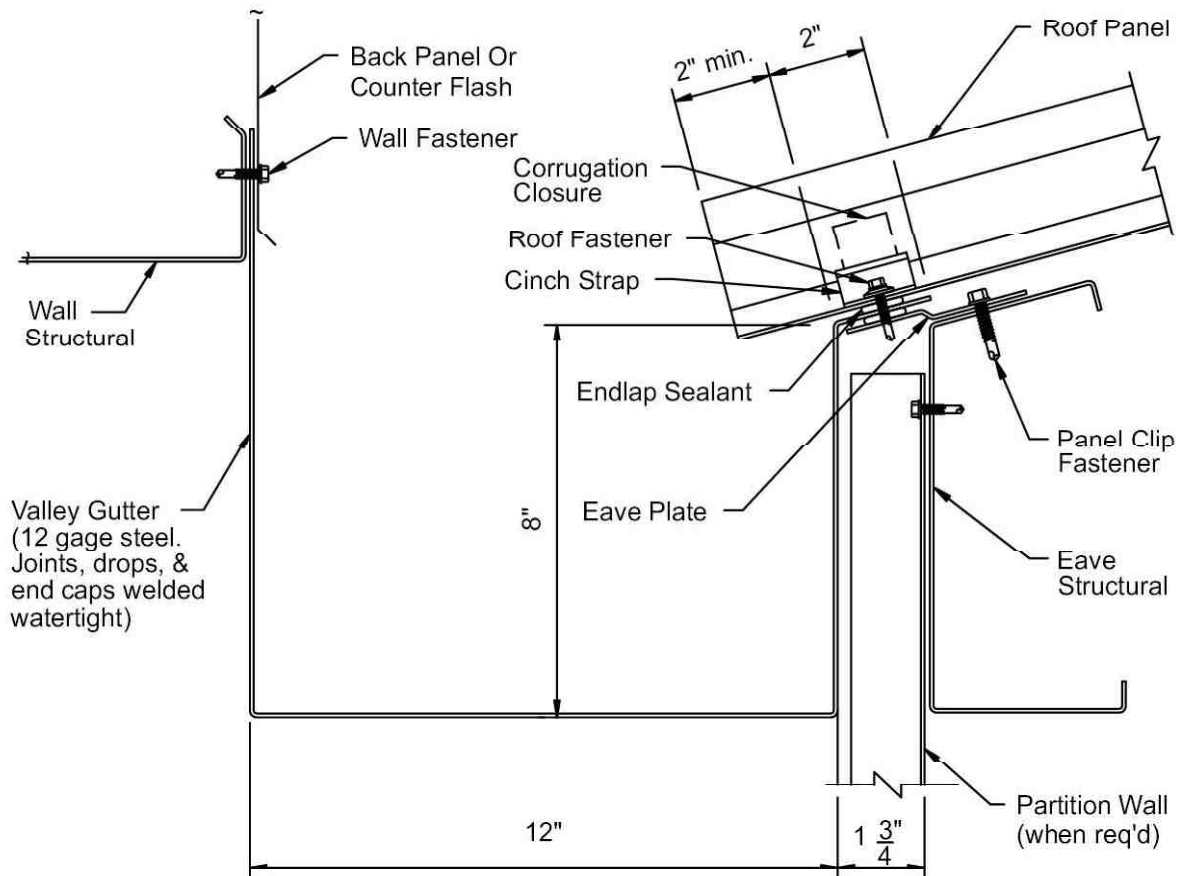
Valley For Roof Systems
With Low Panel Clips

Note: For Clarity Of Detail,
Roof Insulation Is Not Shown

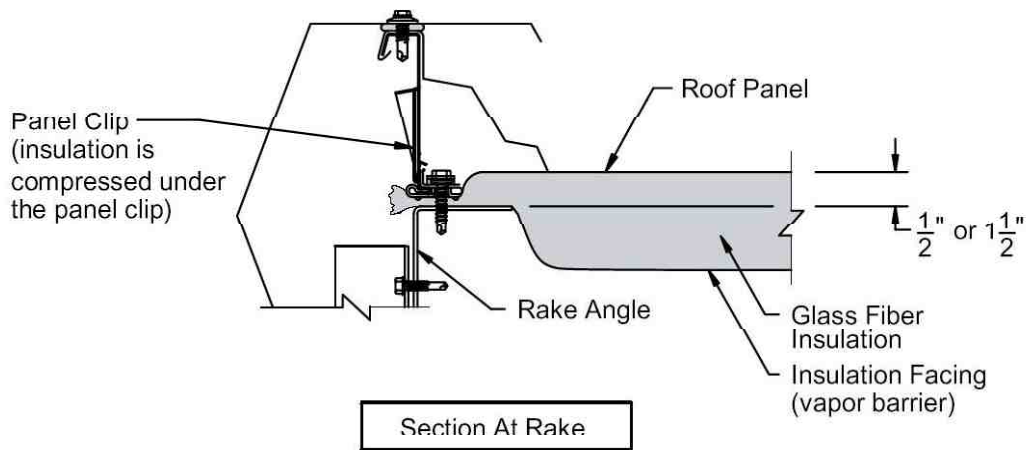
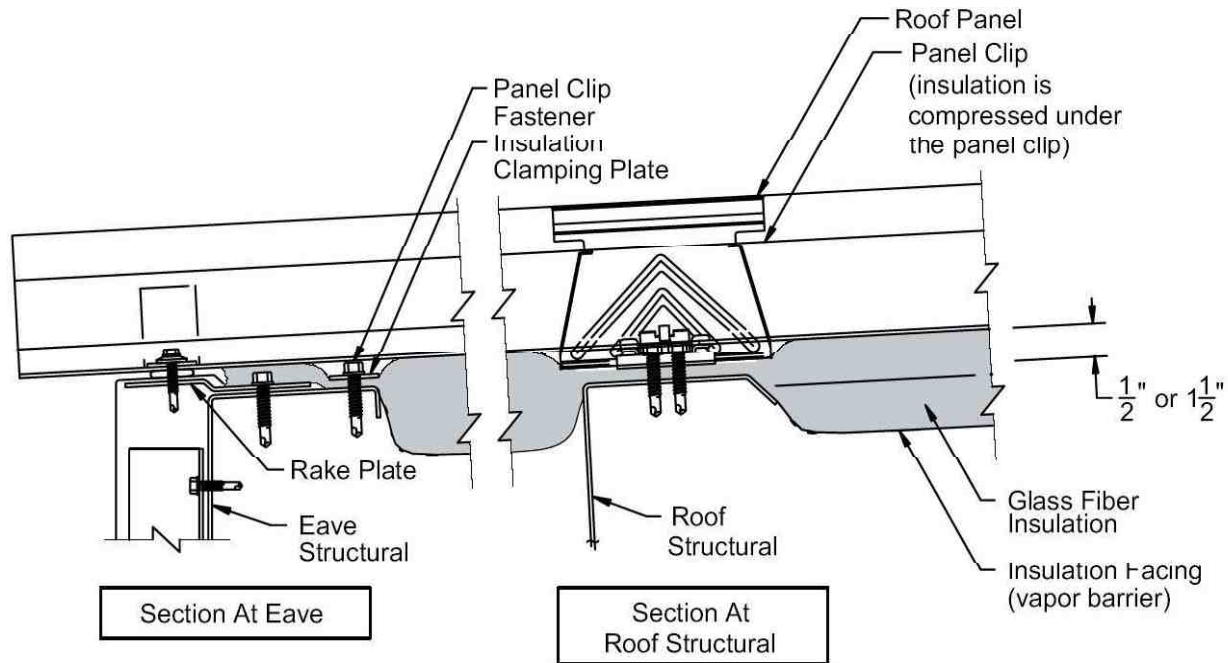


CAUTION
Interior Gutter Must Be Provided
With Protection From Corrosion,
Icing, Damming &
Interior Condensation

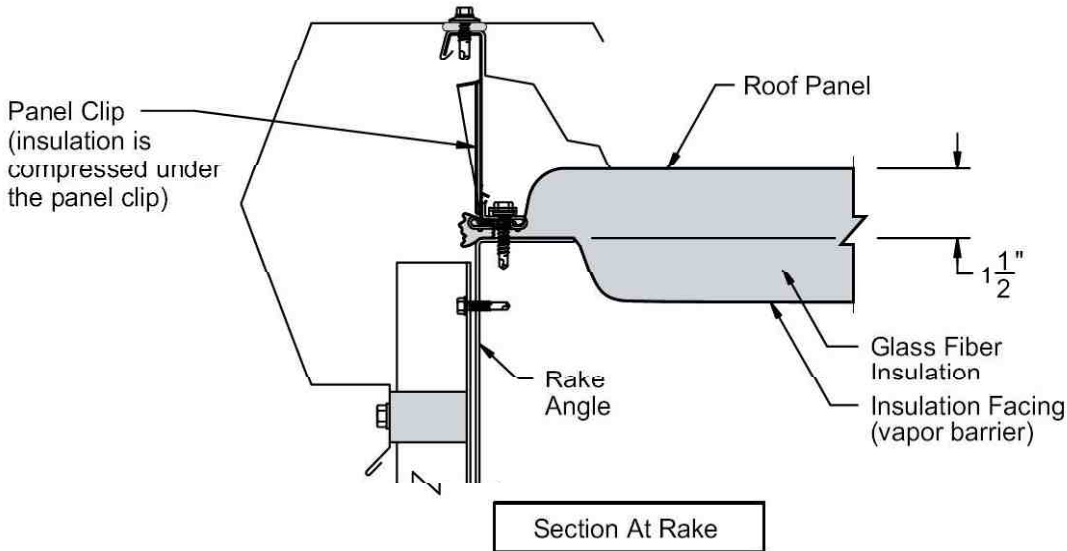
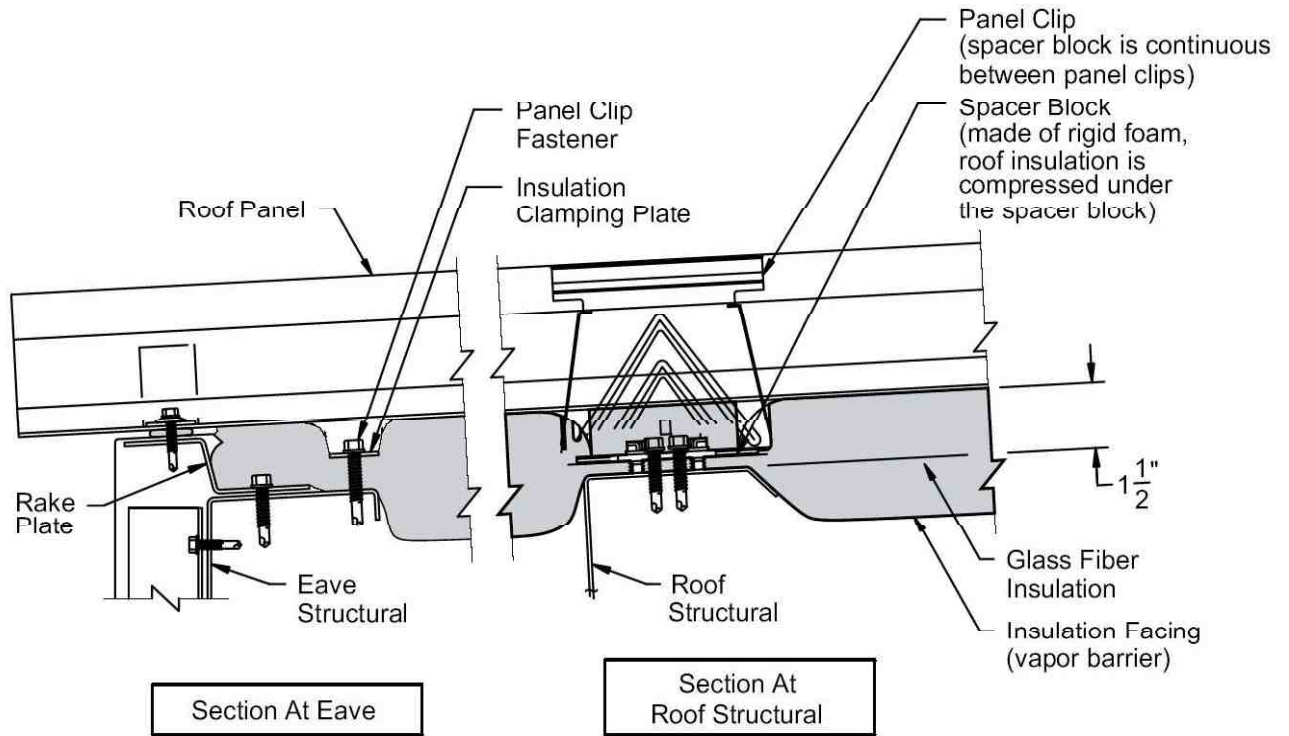
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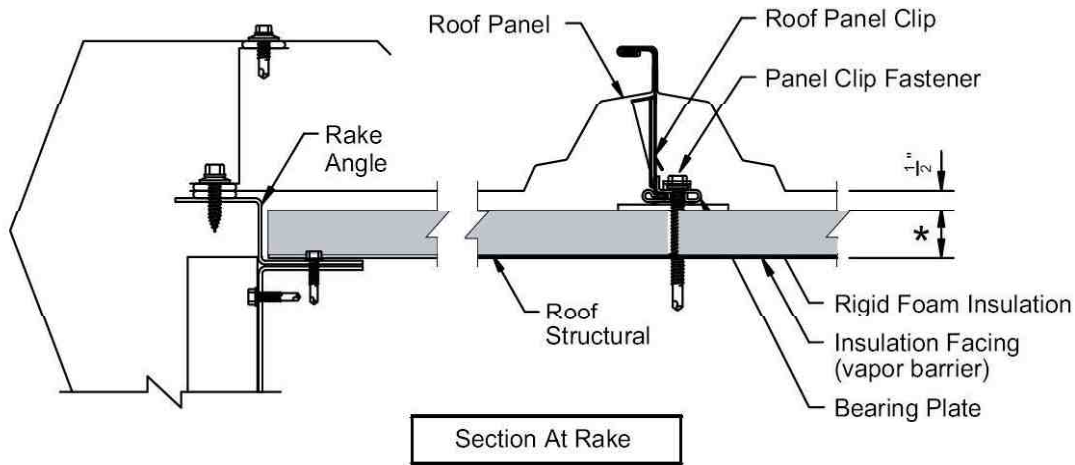
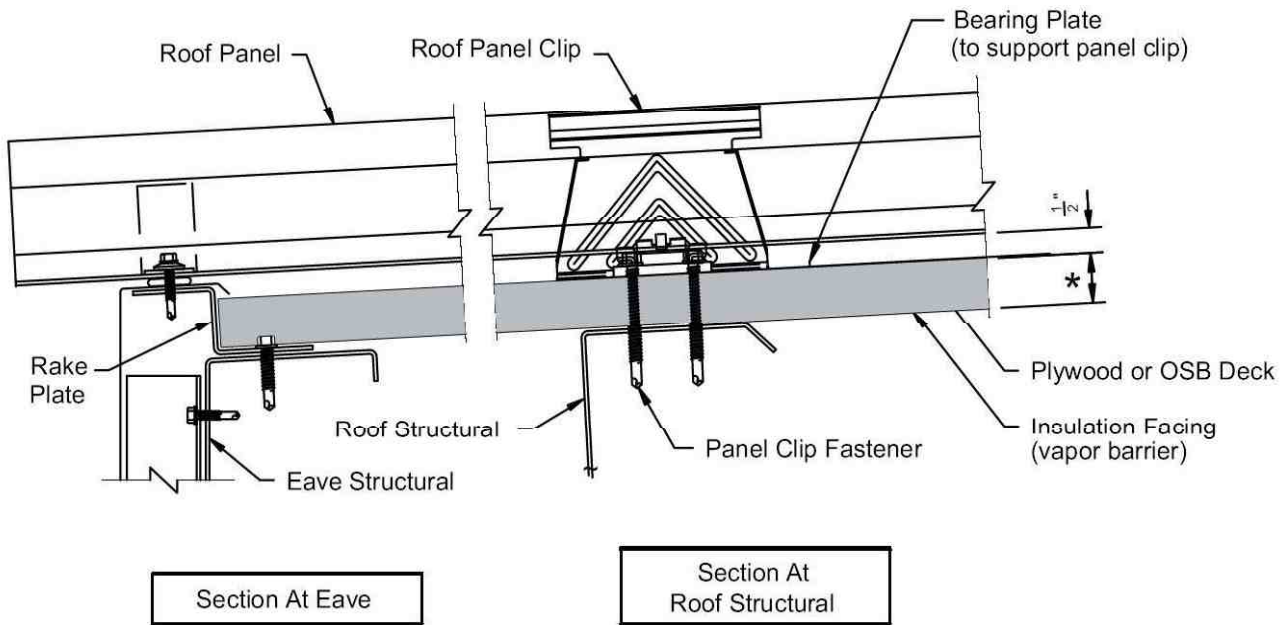
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Insulation Note
 3/8" Standoff Is Recommended For Up To 4" Thick Insulation.
 1 3/8" Standoff Is Recommended For 4" To 6" Thick Insulation.



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Note
 * Rigid Foam Insulation Thickness = 1" To 4".