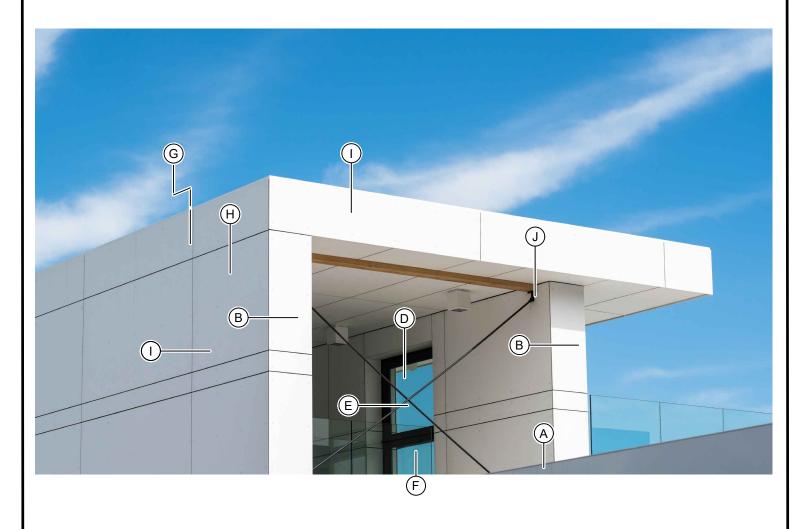
Swisspearl standard panel wall attachment installation detail guide





- A Base
- B Outer Corner
- C Inside Corner
- D- Door / Window Head

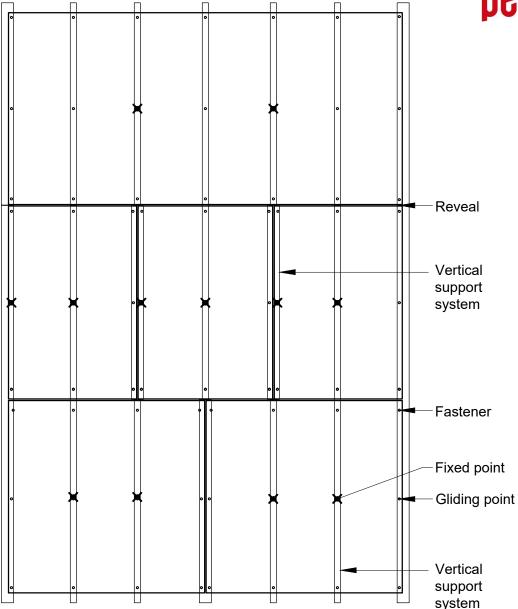
- E Door / Window Jamb
- F Window Sill
- G- Parapet / Coping
- (H)- Field Horizontal Joint

- Field Vertical Joint
- J- Soffit Edge

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Wall panel standard layout





Ventilation requirements - The minimum panel joints between panels is 5/16" . The minimum air space required is 3/4" behind all panels.

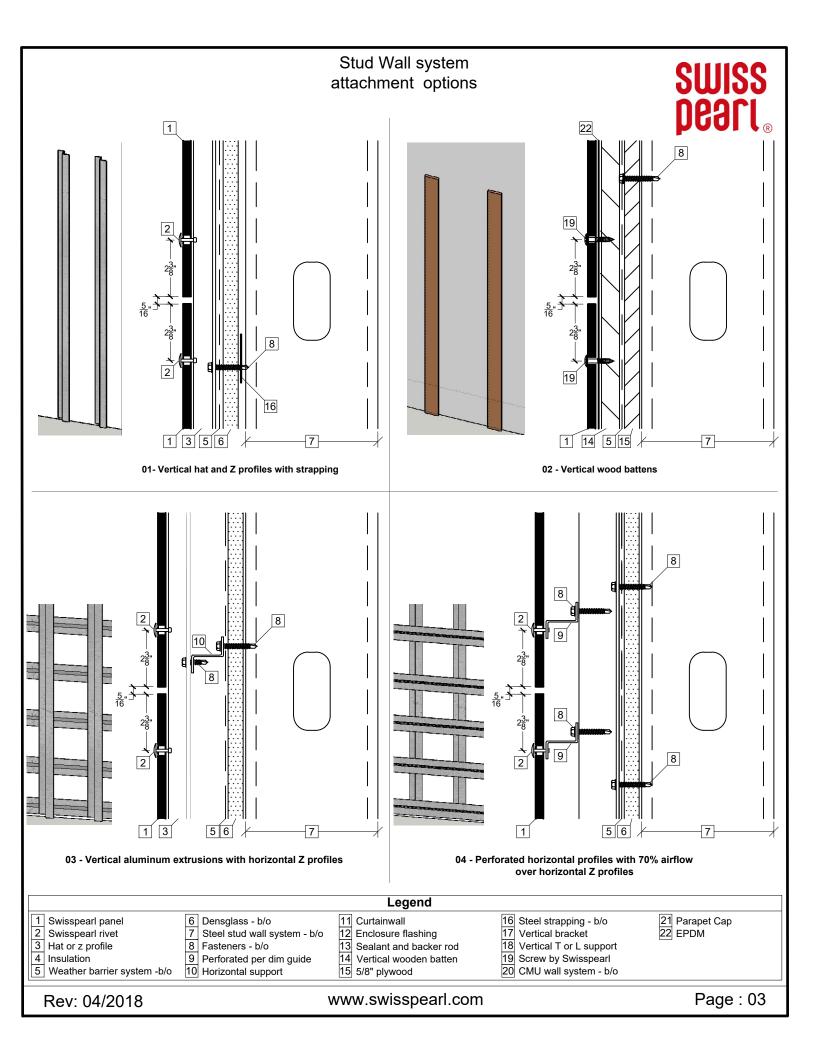
Vertical Profiles - The maximum height of aluminum profile is 3 meters / 118" long and with steel is 6 meters / 236" long.

Fastener requirements - The licensed engineer / contractor is to ensure that the fastener spacing is in compliance with local standards and regulations. Fixed fastener locations shown a " **X** ".

Movement - Each panel shall have a minimum of two fixed fastener locations that are as close to the center of panel as possible, can accommodate one slipping point between the fixed points as shown. The rest shall be gliding fastener locations.

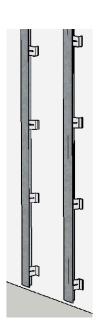
See CURRENT DIM and talk to your local engineer for design layout applications.

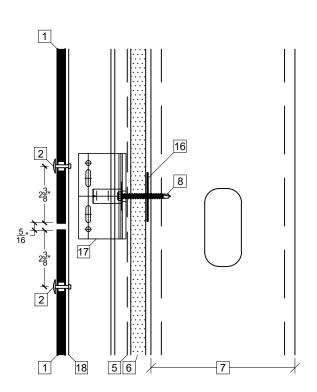
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Stud Wall system attachment options

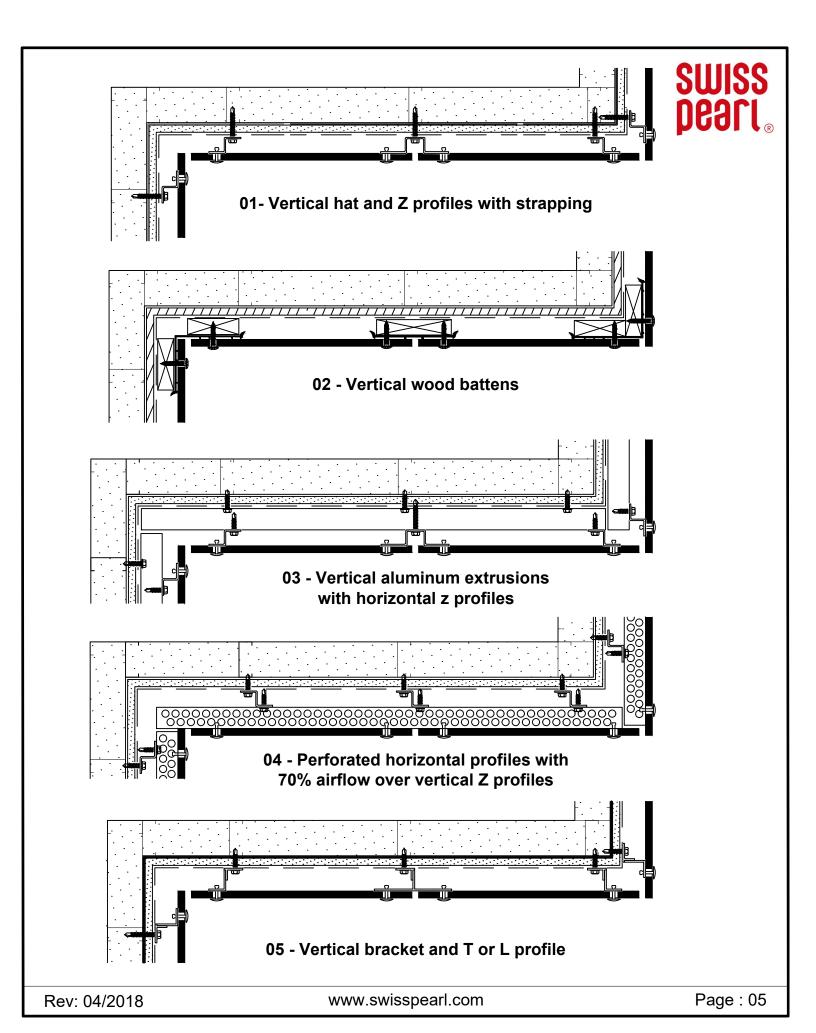


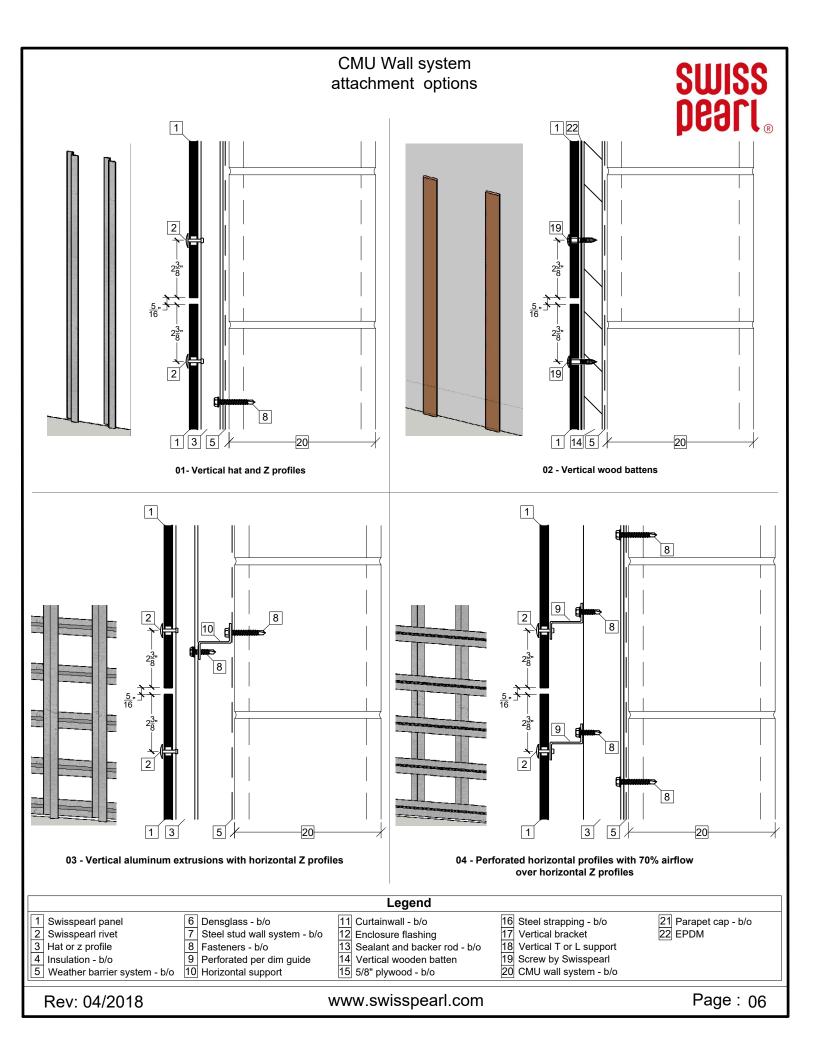




05 - VERTICAL BRACKET AND L PROFILE

Legend 21 Parapet Cap 22 EPDM 6 Densglass - b/o 11 Curtainwall 16 Steel strapping - b/o 1 Swisspearl panel 12 Enclosure flashing13 Sealant and backer rod 2 Swisspearl rivet Steel stud wall system - b/o 17 Vertical bracket 3 Hat or z profile 18 Vertical T or L support Fasteners - b/o 19 Screw by Swisspearl 20 CMU wall system - b/o 4 Insulation 9 Perforated per dim guide 14 Vertical wooden batten 5 Weather barrier system -b/o 10 Horizontal support 15 5/8" plywood

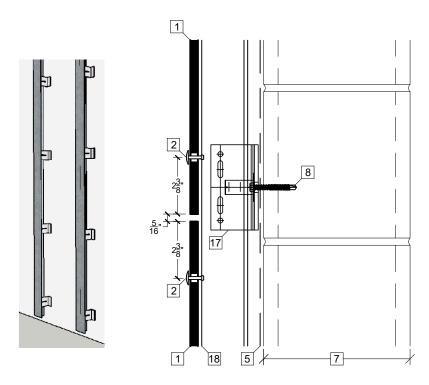




CMU Wall system attachment options



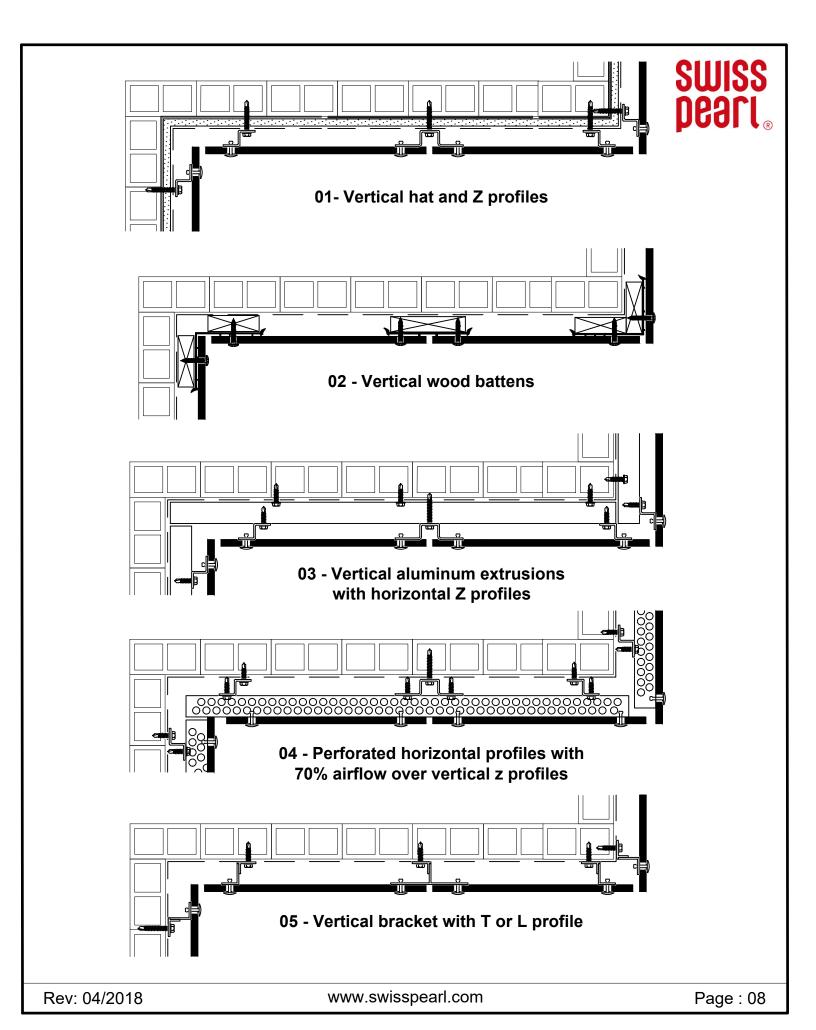
Page: 07



05 - Vertical bracket T and L profile

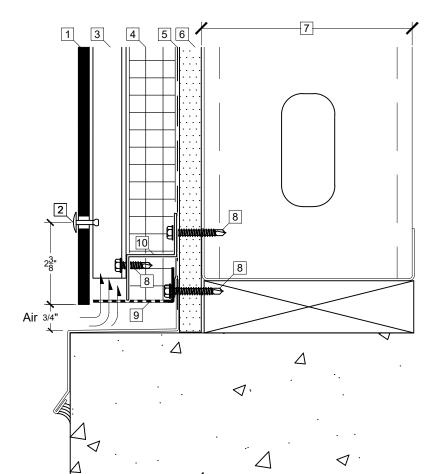
Legend 1 Swisspearl panel 2 Swisspearl rivet 3 Hat or z profile 6 Densglass - b/o 7 Steel stud wall system - b/o 21 Parapet cap - b/o 22 EPDM 11 Curtainwall - b/o 16 Steel strapping - b/o 12 Enclosure flashing 17 Vertical bracket 8 Fasteners - b/o 9 Perforated per dim guide 13 Sealant and backer rod - b/o Vertical wooden batten 18 Vertical T or L support Insulation - b/o 19 Screw by Swisspearl 5 Weather barrier system - b/o 10 Horizontal support 15 5/8" plywood - b/o 20 CMU wall system - b/o

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Panel system Base stand-off detail





See **Dim Guide** for rivet spacing at panel perimeter

Not all call-outs may be in use.

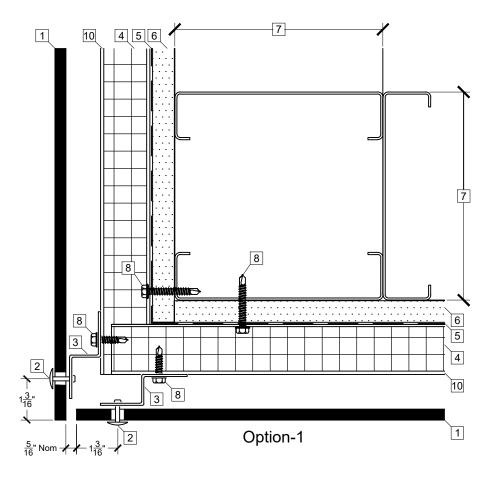
See *Current Dim* and talk to your local engineer for design layout applications. Detail not to scale.

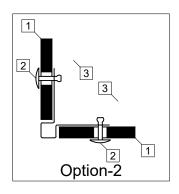


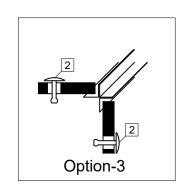
Legend 21 Parapet cap - b/o 22 EPDM 1 Swisspearl panel 6 Densglass - b/o 11 Curtainwall - b/o 16 Steel strapping - b/o 12 Enclosure flashing - b/o Swisspearl rivet Steel stud wall system - b/o 17 Vertical bracket 3 Hat or Z profile 8 Fasteners - b/o 13 Sealant and backer rod - b/o 18 Vertical T or L support 14 Vertical wooden batten 9 Perforated per dim guide req. 4 Insulation - b/o 19 Screw by Swisspearl 5 Weather barrier system - b/o 10 Horizontal support 15 5/8" Plywood - b/o 20 CMU wall system - b/o

Panel system **Outside corner detail**









Not all call-outs may be in use.

See Current Dim and talk to your local engineer for design layout applications. Detail not to scale.



Legend

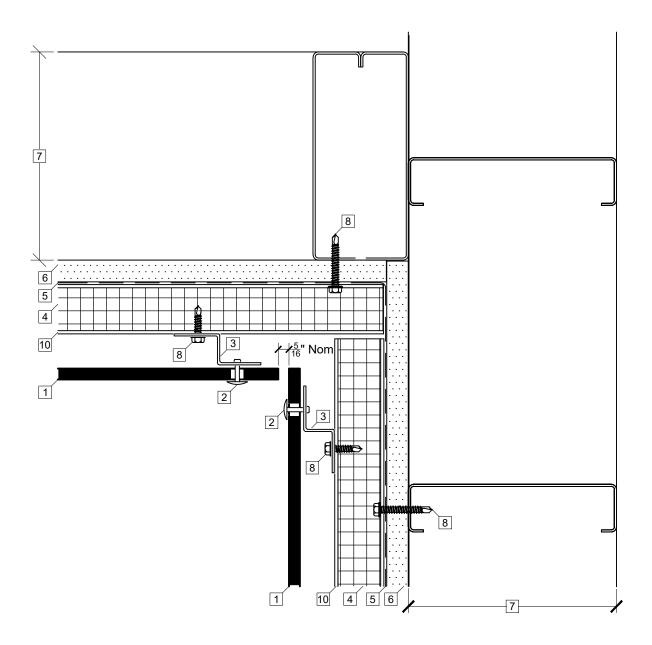
- 1 Swisspearl panel Swisspearl rivet
- 3 Hat or Z profile 4 Insulation - b/o
- Weather barrier system b/o 10 Horizontal support
- 6 Densglass b/o
- Steel stud wall system b/o
- 8 Fasteners b/o
- 9 Perforated per dim guide req.
- 11 Curtainwall b/o
- 12 Enclosure flashing b/o
- 13 Sealant and backer rod b/o
- 14 Vertical wooden batten
- 16 Steel strapping b/o
- 17 Vertical bracket
- 18 Vertical T or L support 19 Screw by Swisspearl 20 CMU wall system - b/o
- 21 Parapet cap b/o 22 EPDM

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15 5/8" Plywood - b/o

Panel system Inner corner detail





Not all call-outs may be in use.

See Current Dim and talk to your local engineer for design layout applications. Detail not to scale.

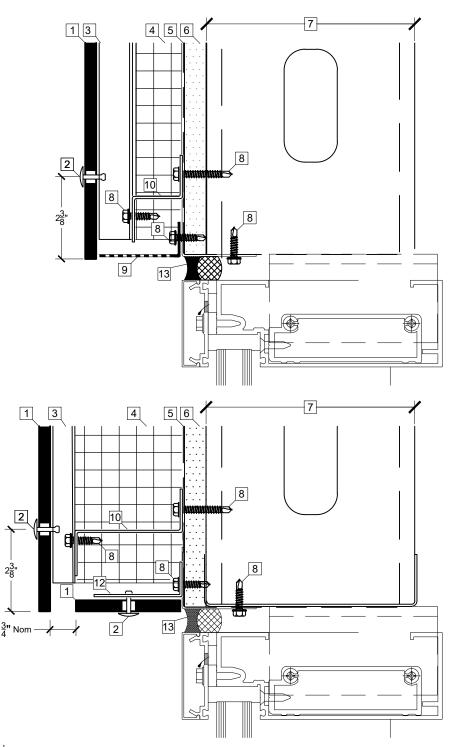


Legend

- 1 Swisspearl panel Swisspearl rivet
- 3 Hat or Z profile
- 4 Insulation b/o
 - Weather barrier system b/o 10 Horizontal support
- 6 Densglass b/o
- 7 Steel stud wall system - b/o
- 8 Fasteners b/o
- 9 Perforated per dim guide req.
- 11 Curtainwall b/o
- 12 Enclosure flashing b/o
- 13 Sealant and backer rod b/o 14 Vertical wooden batten 15 5/8" Plywood - b/o
- 16 Steel strapping b/o
- 17 Vertical bracket 18 Vertical T or L support
- 19 Screw by Swisspearl 20 CMU wall system - b/o
- 21 Parapet cap b/o 22 EPDM

Panel system Door / window head detail





Not all call-outs may be in use.

See Current Dim and talk to your local engineer for design layout applications. Detail not to scale.

Legend

- 1 Swisspearl panel
- Swisspearl rivet 3 Hat or Z profile
- 4 Insulation b/o
- Weather barrier system b/o 10 Horizontal support
- 6 Densglass b/o
- Steel stud wall system b/o
- 8 Fasteners b/o
- 9 Perforated per dim guide req.
- 11 Curtainwall b/o
- 12 Enclosure flashing b/o
- 14 Vertical wooden batten

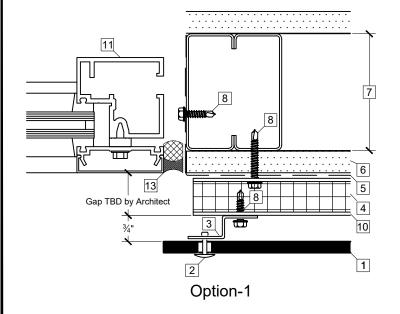
15 5/8" Plywood - b/o

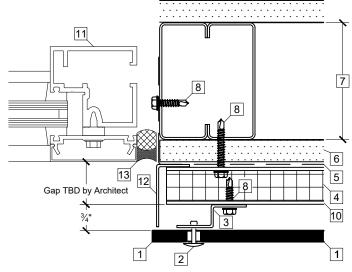
- 13 Sealant and backer rod b/o
- 16 Steel strapping b/o
- 17 Vertical bracket 18 Vertical T or L support
- 19 Screw by Swisspearl 20 CMU wall system b/o
- 21 Parapet cap b/o 22 EPDM

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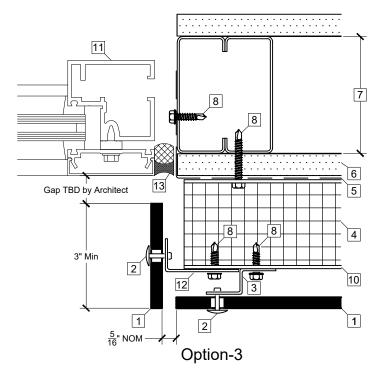
Panel system **Door - window jamb detail**







Option-2



Not all call-outs may be in use.

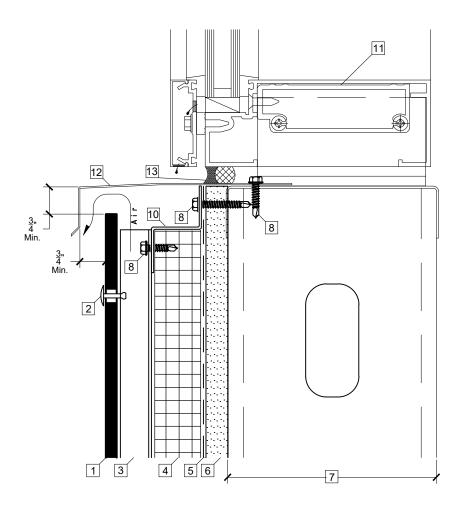
See *Current Dim* and talk to your local engineer for design layout applications. Detail not to scale.



Legend 1 Swisspearl panel 21 Parapet cap - b/o 22 EPDM 11 Curtainwall - b/o 6 Densglass - b/o 16 Steel strapping - b/o 12 Enclosure flashing - b/o Steel stud wall system - b/o 17 Vertical bracket Swisspearl rivet 3 Hat or Z profile 13 Sealant and backer rod - b/o 8 Fasteners - b/o 18 Vertical T or L support 14 Vertical wooden batten Insulation - b/o 9 Perforated per dim guide req. 19 Screw by Swisspearl 20 CMU wall system - b/o Weather barrier system - b/o 10 Horizontal support 15 5/8" Plywood - b/o

Panel system Window sill detail





Not all call-outs may be in use.

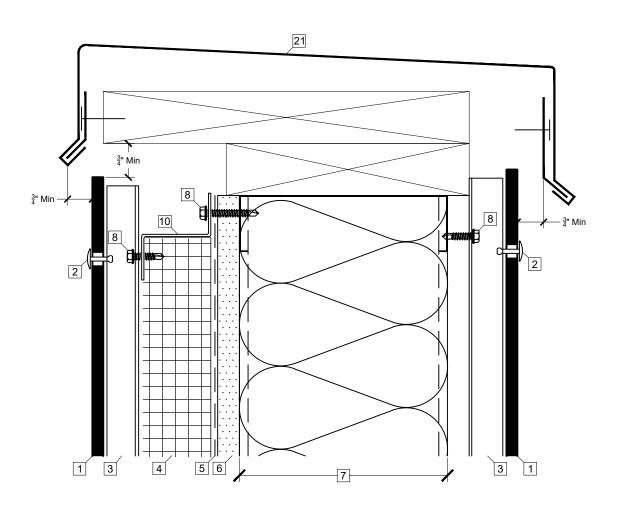
See *Current Dim* and talk to your local engineer for design layout applications. Detail not to scale.



Legend 21 Parapet cap - b/o 22 EPDM 11 Curtainwall - b/o 1 Swisspearl panel 6 Densglass - b/o 16 Steel strapping - b/o Steel stud wall system - b/o 12 Enclosure flashing - b/o 17 Vertical bracket Swisspearl rivet 3 Hat or Z profile 13 Sealant and backer rod - b/o 8 Fasteners - b/o 18 Vertical T or L support 4 Insulation - b/o 9 Perforated per dim guide req. 14 Vertical wooden batten 19 Screw by Swisspearl Weather barrier system - b/o 10 Horizontal support 15 5/8" Plywood - b/o 20 CMU wall system - b/o

Panel system Parapet/ coping detail





Not all call-outs may be in use.

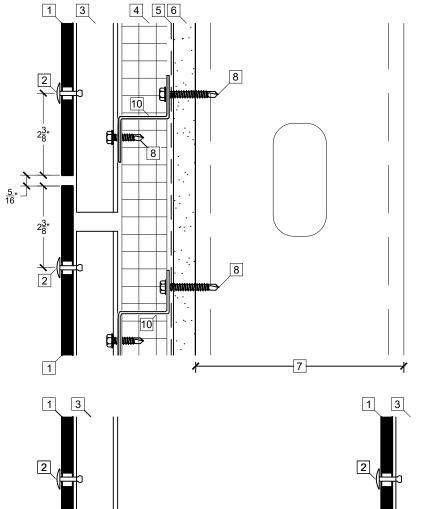
See *Current Dim* and talk to your local engineer for design layout applications. Detail not to scale.

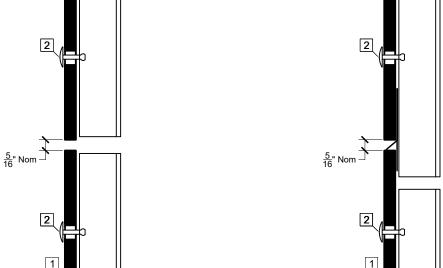


Legend 21 Parapet cap - b/o 22 EPDM 11 Curtainwall - b/o Swisspearl panel 16 Steel strapping - b/o 6 Densglass - b/o 2 Swisspearl rivet 3 Hat or Z profile Steel stud wall system - b/o 12 Enclosure flashing - b/o 17 Vertical bracket Swisspearl rivet 8 Fasteners - b/o 13 Sealant and backer rod - b/o 18 Vertical T or L support 4 Insulation - b/o Weather barrier 9 Perforated per dim guide req. 14 Vertical wooden batten 19 Screw by Swisspearl 15 5/8" Plywood - b/o 20 CMU wall system - b/o Weather barrier system - b/o 10 Horizontal support

Panel system Field horizontal reveal detail







Option-1 Breaks of verticals to coincide with horizontal panel joints.

Option-2 Flashing is clamped (not fastened)

Not all call-outs may be in use.

See Current Dim and talk to your local engineer for design layout applications. Detail not to scale.



Legend

- Swisspearl panel Swisspearl rivet
- 2 Swisspearl rive 3 Hat or Z profile 4 Insulation b/o

- 6 Densglass b/o 7 Steel stud wall s Steel stud wall system - b/o
- 8 Fasteners b/o
- 9 Perforated per dim guide req.
- Weather barrier system b/o 10 Horizontal support
- 11 Curtainwall b/o
- 12 Enclosure flashing b/o
- 13 Sealant and backer rod b/o
- 14 Vertical wooden batten
- 15 5/8" Plywood b/o
- 16 Steel strapping b/o
 17 Vertical bracket

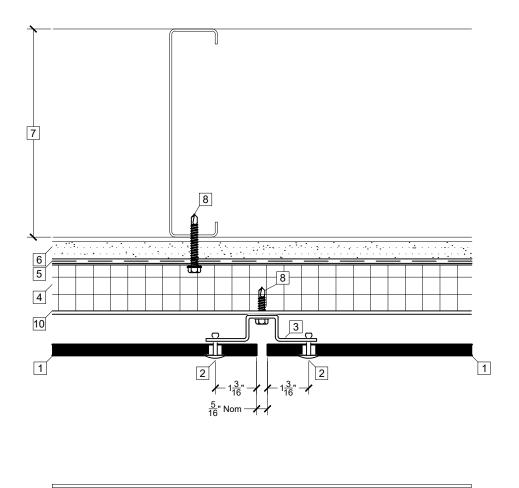
- 18 Vertical T or L support
- 19 Screw by Swisspearl
- 20 CMU wall system b/o

21 Parapet cap - b/o 22 EPDM

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Panel system Field vertical reveal detail





Not all call-outs may be in use.

See **Current Dim** and talk to your local engineer for design layout applications. Detail not to scale.



Legend Swisspearl panel

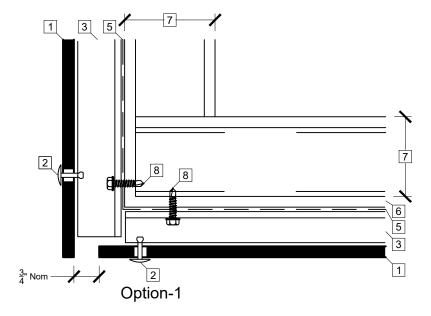
- Swisspearl pane Swisspearl rivet Hat or Z profile Husulation b/o Swisspearl rivet
- 5 Weather barrier system b/o 10 Horizontal support
- 6 Densglass b/o
 7 Steel stud wall s
- Steel stud wall system b/o
- 8 Fasteners b/o
- 9 Perforated per dim guide req.
- 11 Curtainwall b/o 12 Enclosure flashing b/o
- 13 Sealant and backer rod b/o
- 14 Vertical wooden batten 15 5/8" Plywood - b/o
- 16 Steel strapping b/o
 17 Vertical bracket
- 18 Vertical T or L support
- 19 Screw by Swisspearl
- 20 CMU wall system b/o

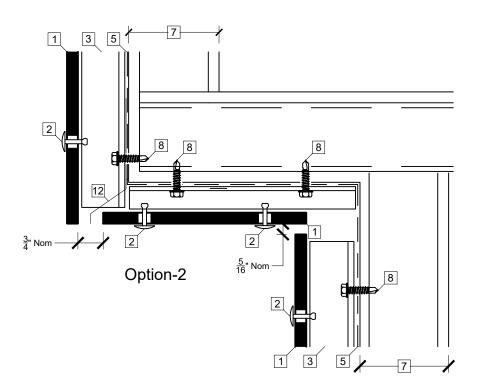
21 Parapet cap - b/o 22 EPDM

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Panel system Soffit detail







Not all call-outs may be in use.

See Current Dim and talk to your local engineer for design layout applications. Detail not to scale.

Legend

- Swisspearl panel Swisspearl rivet
- 2 Swisspearl rivel
 3 Hat or Z profile
 4 Insulation b/o
- 5 Weather barrier system b/o 10 Horizontal support
- 6 Densglass b/o
 7 Steel stud wall s
- Steel stud wall system b/o
- 8 Fasteners b/o
- 9 Perforated per dim guide req.

- 11 Curtainwall b/o 12 Enclosure flashing b/o
- 13 Sealant and backer rod b/o
- 14 Vertical wooden batten
- 15 5/8" Plywood b/o
- 16 Steel strapping b/o
 17 Vertical bracket
- 18 Vertical T or L support
- 19 Screw by Swisspearl
- 20 CMU wall system b/o

21 Parapet cap - b/o 22 EPDM