

| SPECIFICATIONS             |             |                   |
|----------------------------|-------------|-------------------|
| APPLICATION                | WALL        |                   |
| PANEL COVERING             | OPF         | 4"<br>(102mm)     |
|                            |             | 6"<br>(152mm)     |
|                            |             | 8"<br>(203mm)     |
|                            | OPM         | 4 1/2"<br>(114mm) |
|                            |             | 4"<br>(102mm)     |
|                            | OPN         | 6"<br>(152mm)     |
|                            |             | 8"<br>(203mm)     |
|                            |             | 4 1/2"<br>(114mm) |
|                            | OPW         | 6 1/2"<br>(165mm) |
|                            |             | 8 1/2"<br>(216mm) |
| PANEL DEPTH                | 3/4" (19mm) |                   |
| MINIMUM LENGTH             | 18" (457mm) |                   |
| MAXIMUM LENGTH RECOMMENDED | 22' (6.2m)  |                   |

| AVAILABLE     |                                  |
|---------------|----------------------------------|
| MATERIALS     |                                  |
| ALUMINIUM     | 0.032", 0.040"<br>(0.8mm, 1.0mm) |
| PAINTED STEEL | 24 GA.                           |

| EXPANSION FACTORS FOR SPACING |                    |
|-------------------------------|--------------------|
| PANEL LENGTH<br>22' (6.8m)    |                    |
| STEEL                         | 5/8" (8mm) min.    |
| ALUMINIUM                     | 11/16" (17mm) min. |

## INSTALLATION DETAILS

PAGE 2-3 → **HORIZONTAL APPLICATION • SOLID SUBSTRATE**

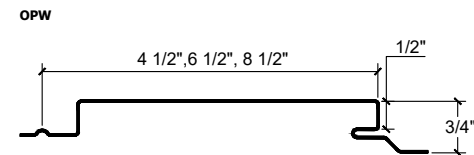
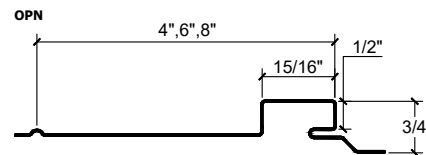
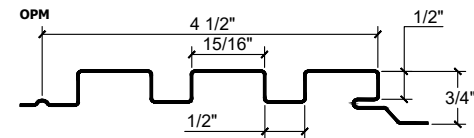
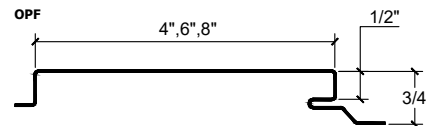
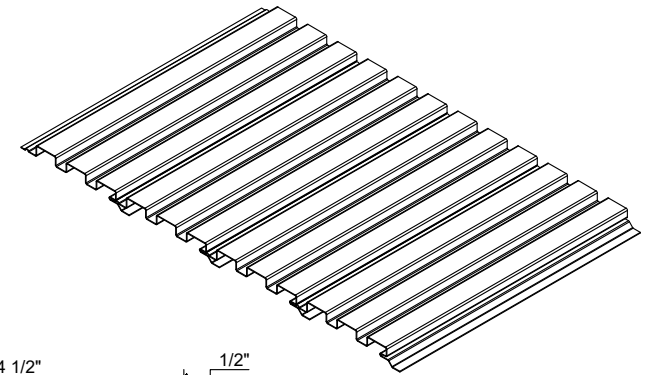
PAGE 4-5 → **HORIZONTAL APPLICATION • OPEN FRAMING**

PAGE 6-7 → **VERTICAL APPLICATION • SOLID SUBSTRATE**

PAGE 8-9 → **VERTICAL APPLICATION • OPEN FRAMING**

PAGE 10 PANEL INSTALLATION - SPECIFIC DETAILS

PAGE 11 TRIMS AND ACCESSORIES





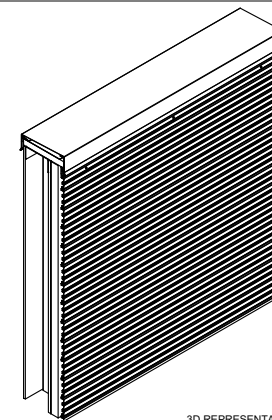
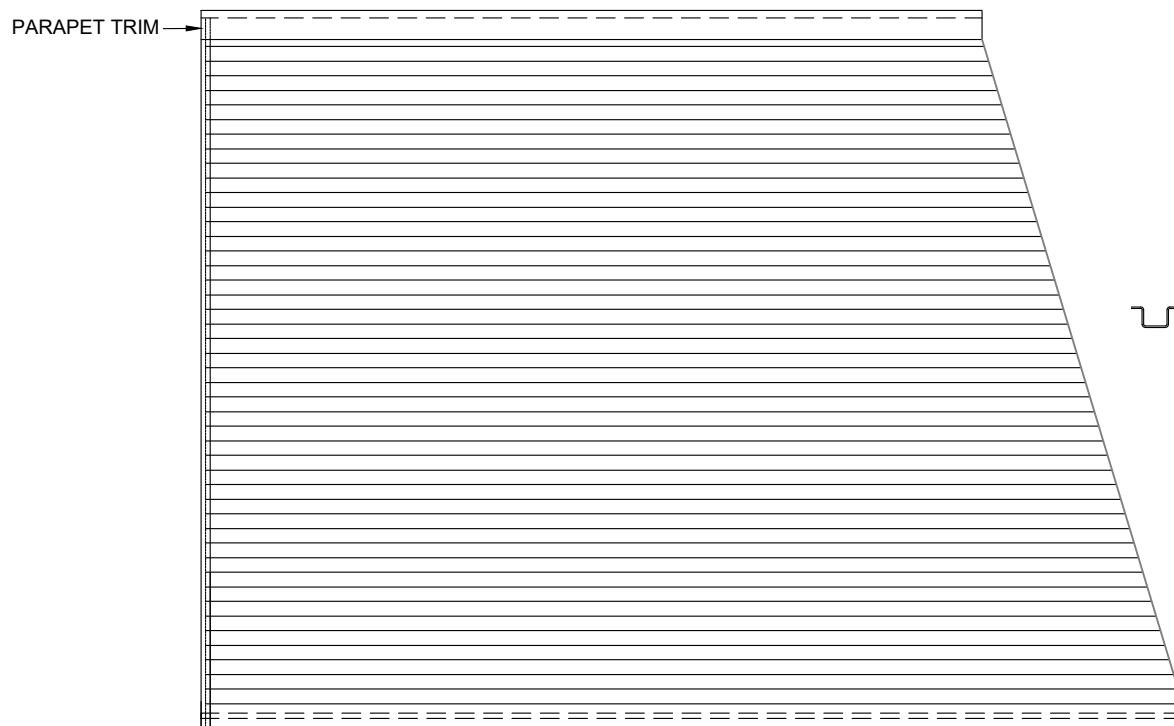
ARCHITECTURAL METAL SIDING • ROOFING  
3856 RUE IMELDA-LEFEBVRE, SHERBROOKE  
QC J1N 1B2  
(819) 791-3276

## TECHNICAL FILE

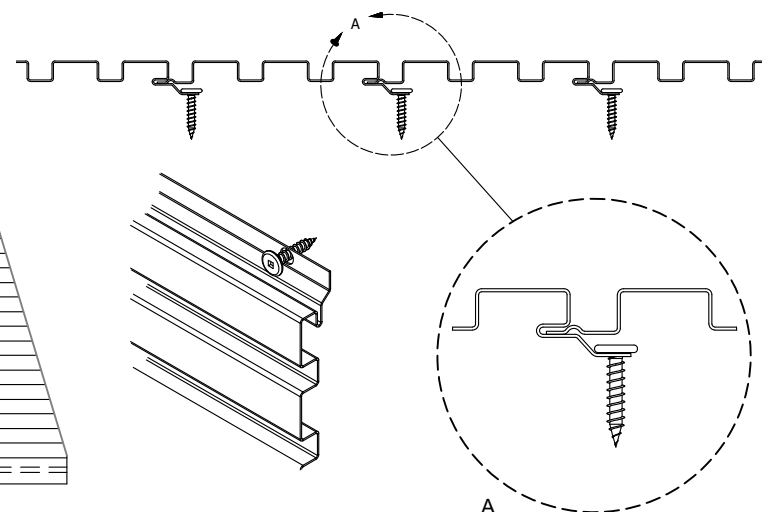
### OPALINE

#### HORIZONTAL INSTALLATION SOLID SUBSTRATE

##### ELEVATION



3D REPRESENTATION



#### NOTES :

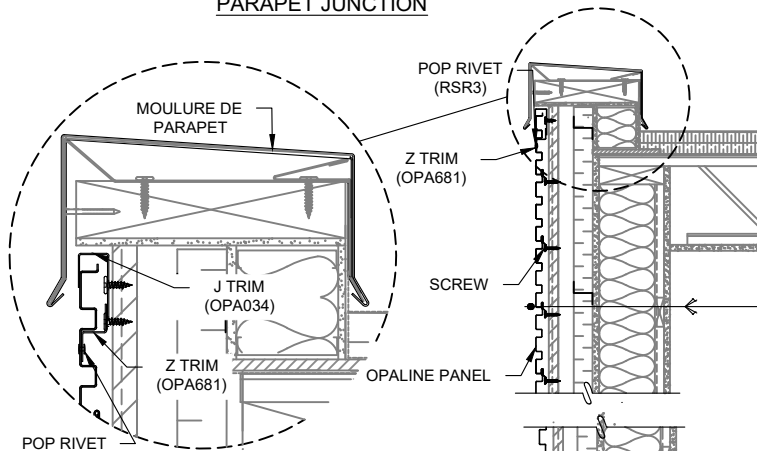
THE EXPANSION OF ALUMINUM AND STEEL DEPENDS ON A COMBINATION OF SEVERAL FACTORS: THE LENGTH AND WIDTH OF THE PANEL, THE THICKNESS OF THE MATERIAL, ITS COLOR, THE LEVEL OF SUN EXPOSURE, THE TEMPERATURE DURING INSTALLATION. PROVIDE SUFFICIENT EXPANSION SPACE ACCORDING TO THESE FACTORS (SEE EXPANSION FACTOR TABLE).

THE PANEL IS INSTALLED FROM TOP TO BOTTOM.

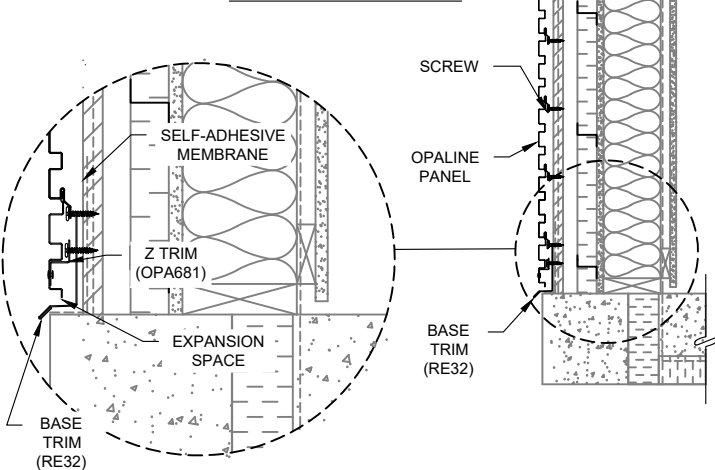
### HORIZONTAL INSTALLATION SOLID SUBSTRATE

#### WALL STRUCTURE

##### PARAPET JUNCTION



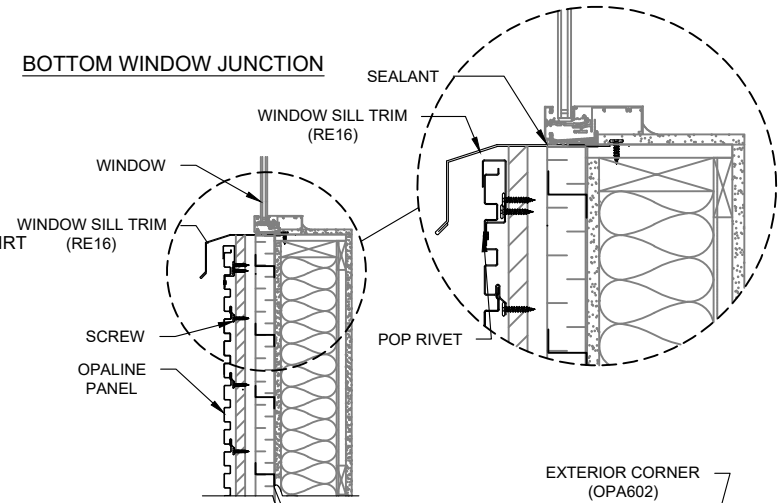
##### BASE WALL JUNCTION



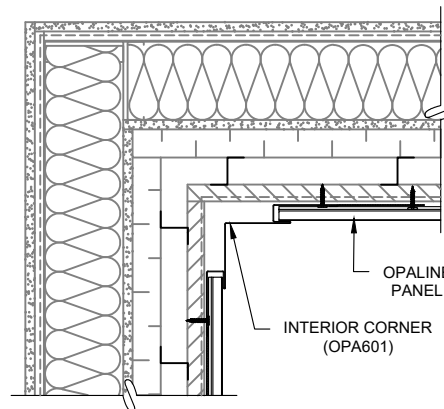
#### EXTERIOR WALL

- OPALINE METAL PANEL
- SELF-ADHESIVE MEMBRANE
- 5/8" PLYWOOD SHEATING
- VERTICAL Z BARS OR METAL SUBGIRT
- INSULATION PANEL
- AIR BARRIER MEMBRANE
- EXTERIOR GYPSE
- WOOD STUD
- MINERAL FIBER INSULATION
- VAPOR BARRIER MEMBRANE
- HORIZONTAL WOOD BATTEN
- GYPSE PANEL

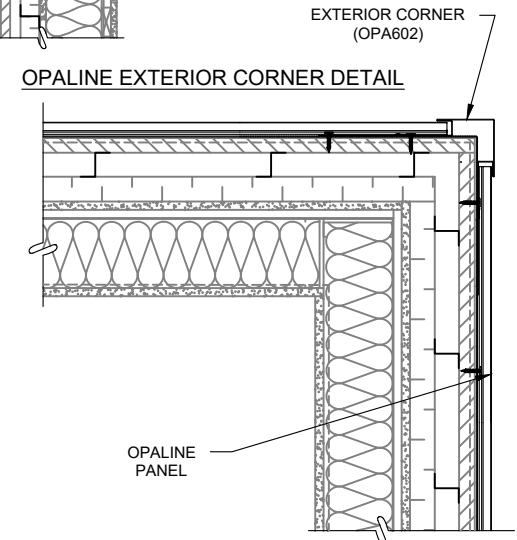
#### BOTTOM WINDOW JUNCTION



#### OPALINE INTERIOR CORNER DETAIL



#### OPALINE EXTERIOR CORNER DETAIL



#### NOTES :

PROVIDE A THERMAL EXPANSION SPACE AT THE BOTTOM OF THE PANEL  
(SEE EXPANSION FACTOR TABLE)  
WALL CUT FOR INFORMATION ONLY



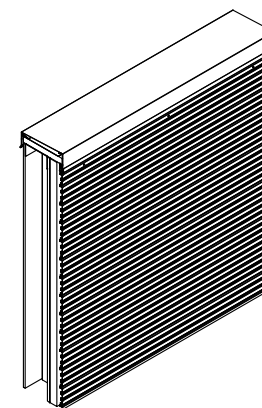
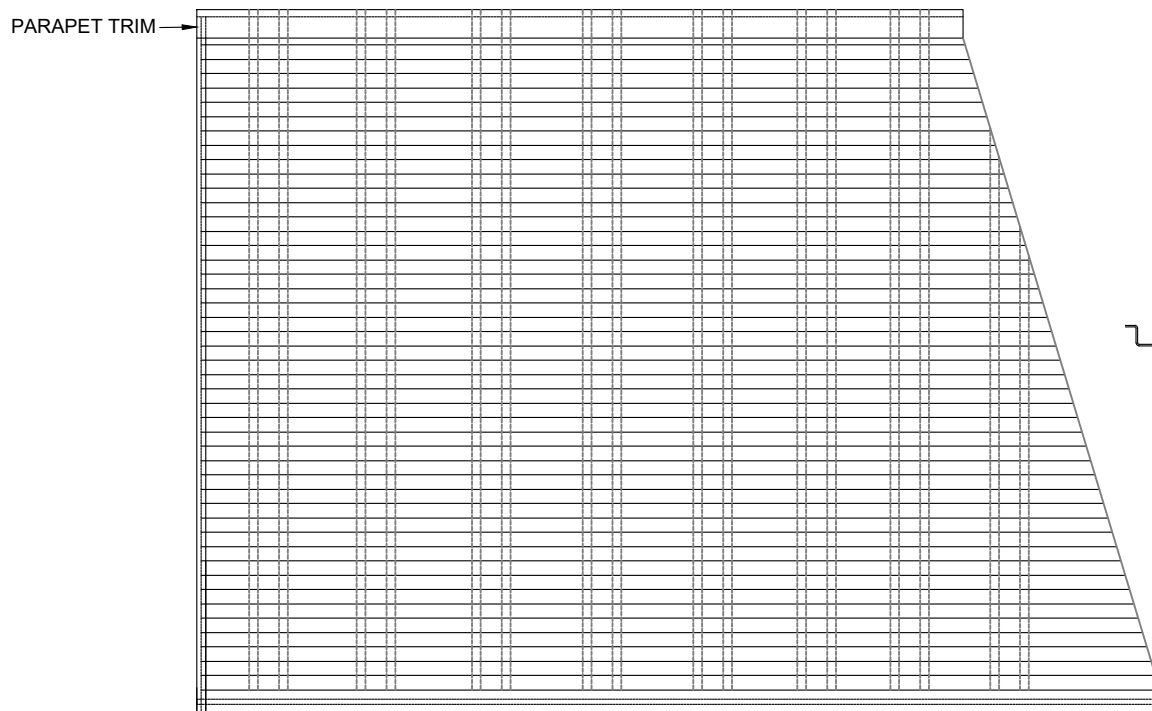
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3856 RUE IMELDA-LEFEBVRE, SHERBROOKE  
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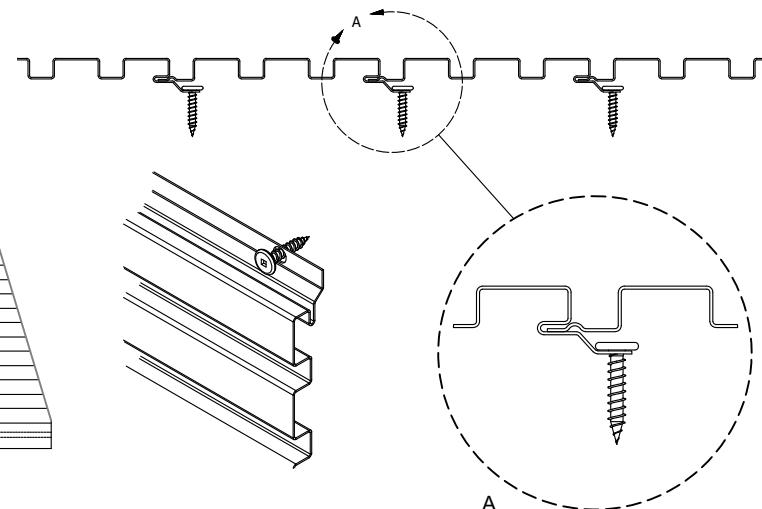
### OPALINE

#### HORIZONTAL INSTALLATION OPEN FRAMING

##### ELEVATION



REPRÉSENTATION 3D OPALINE

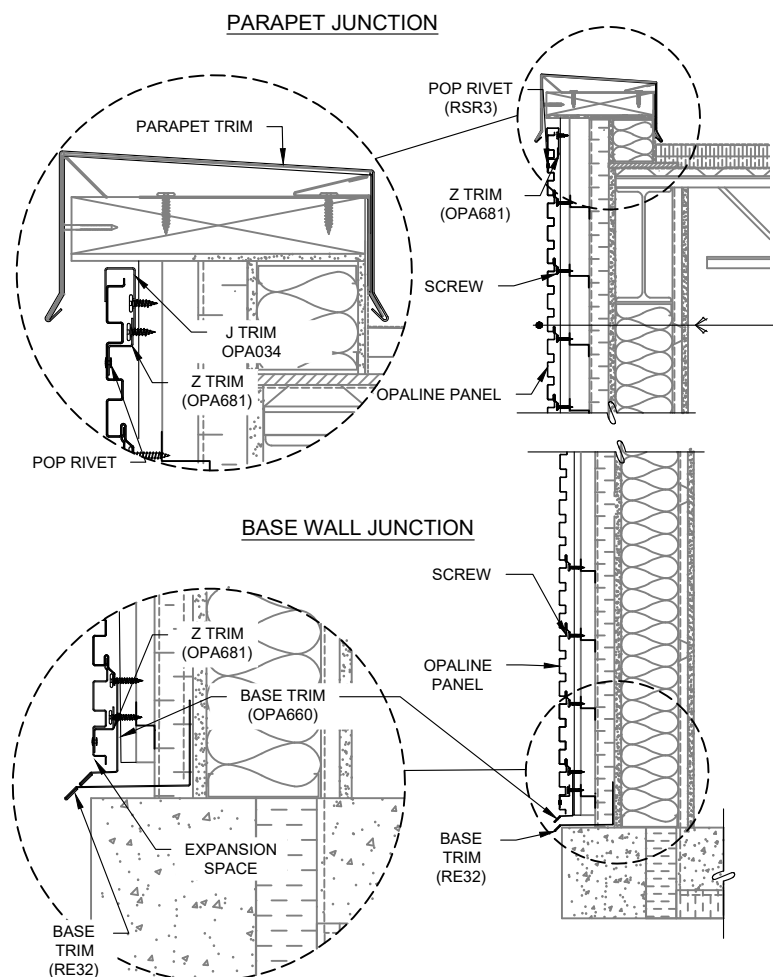


##### NOTES :

- THE EXPANSION OF ALUMINUM AND STEEL DEPENDS ON A COMBINATION OF SEVERAL FACTORS: THE LENGTH AND WIDTH OF THE PANEL, THE THICKNESS OF THE MATERIAL, ITS COLOR, THE LEVEL OF SUN EXPOSURE, THE TEMPERATURE DURING INSTALLATION. PROVIDE SUFFICIENT EXPANSION SPACE ACCORDING TO THESE FACTORS (SEE EXPANSION FACTOR TABLE).
- THE PANEL IS INSTALLED FROM TOP TO BOTTOM.
- METAL SUBGIRT INSTALLATION AT 24" c/c. (610mm) (IF THE SPACING IS DIFFERENT, REFER TO THE TABLE OF CHARGES)

### HORIZONTAL INSTALLATION OPEN FRAMING

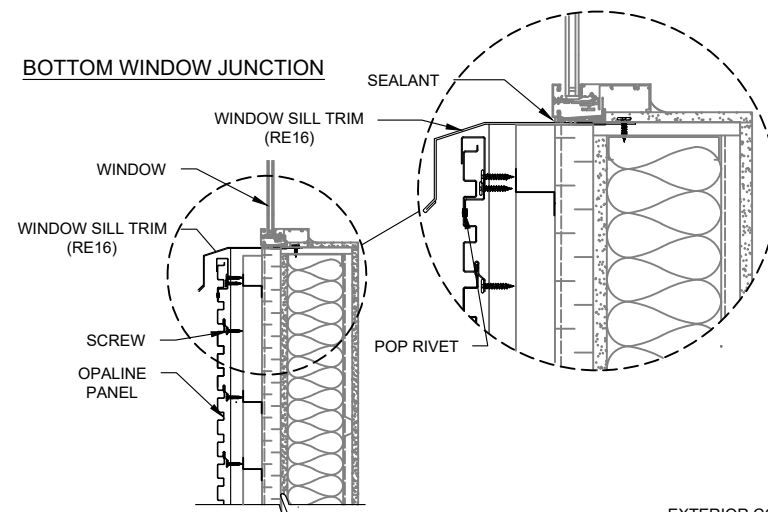
#### WALL STRUCTURE



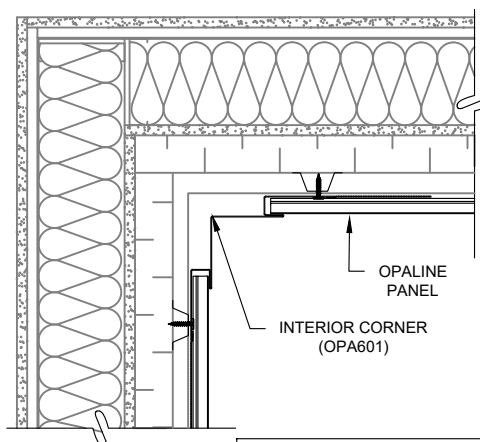
#### EXTERIOR WALL

- OPALINE METAL PANEL
- VERTICAL METAL SUBGIRT
- HORIZONTAL Z BARS
- INSULATION PANEL
- AIR BARRIER MEMBRANE
- EXTERIOR GYPSE
- METAL STUD
- MINERAL FIBER INSULATION
- VAPOR BARRIER MEMBRANE
- HORIZONTAL METAL SUBGIRT
- GYPSE PANEL

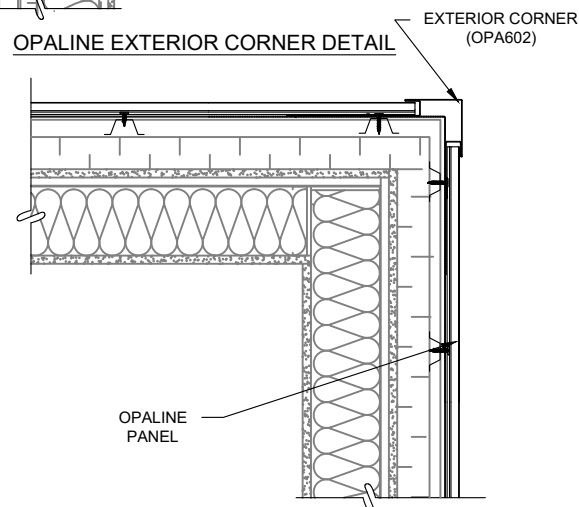
#### BOTTOM WINDOW JUNCTION



#### OPALINE INTERIOR CORNER DETAIL



#### OPALINE EXTERIOR CORNER DETAIL



#### NOTES :

PROVIDE A THERMAL EXPANSION SPACE AT THE BOTTOM OF THE PANEL  
(SEE EXPANSION FACTOR TABLE)  
WALL CUT FOR INFORMATION ONLY



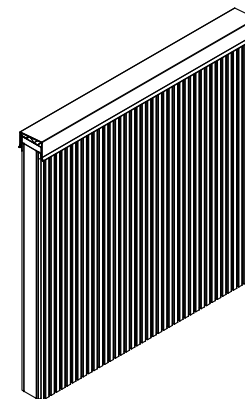
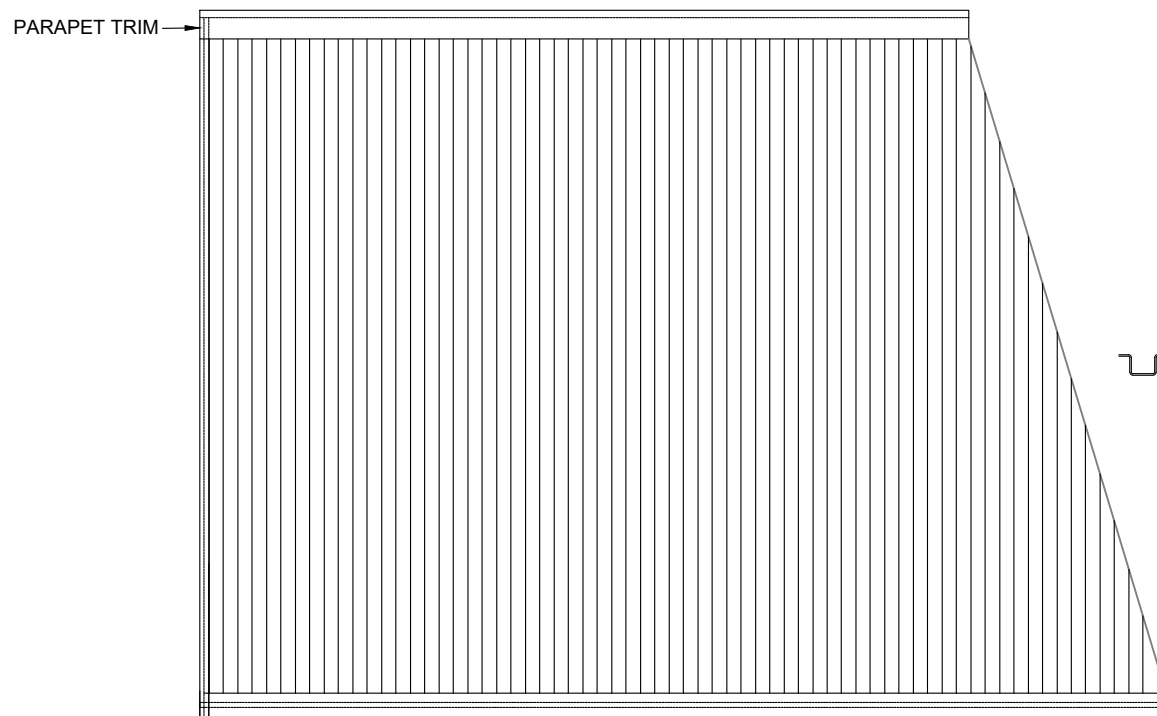
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## TECHNICAL FILE

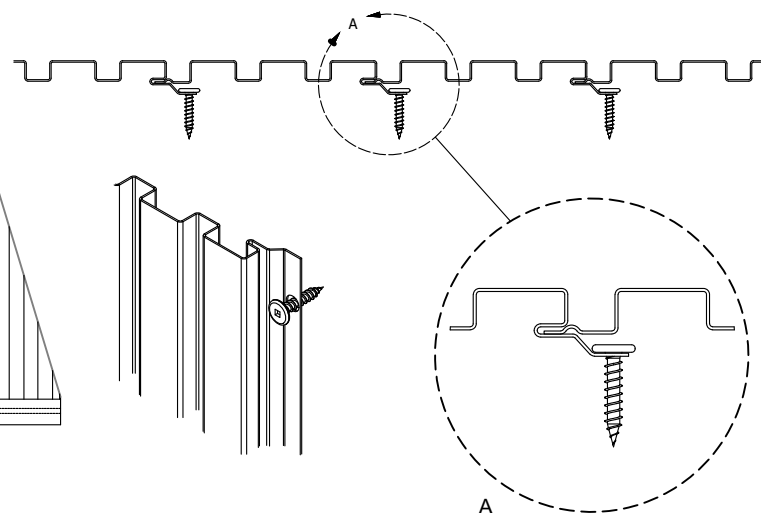
### OPALINE

#### VERTICAL INSTALLATION SOLID SUBSTRATE

#### ELEVATION



3D REPRESENTATION



#### NOTES :

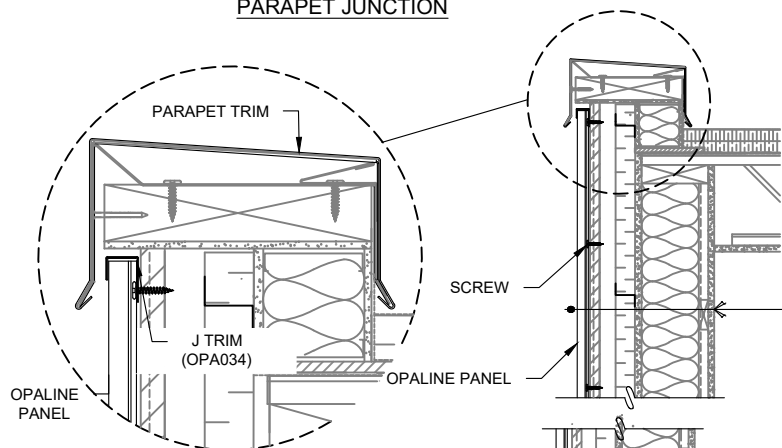
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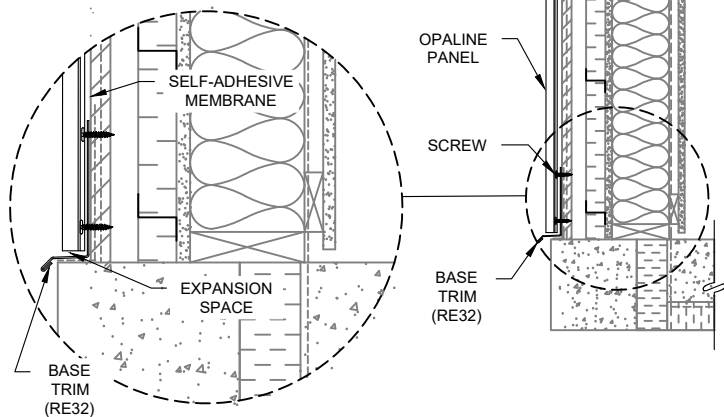
### VERTICAL INSTALLATION SOLID SUBSTRATE

#### WALL STRUCTURE

#### PARAPET JUNCTION



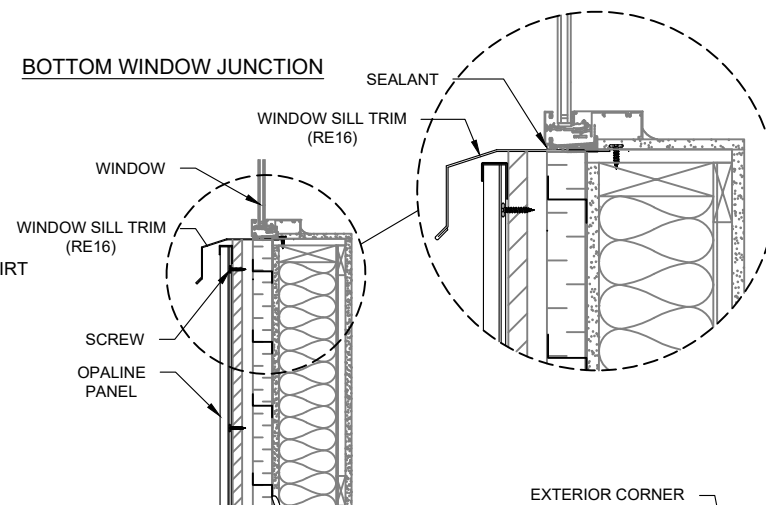
#### BASE WALL JUNCTION



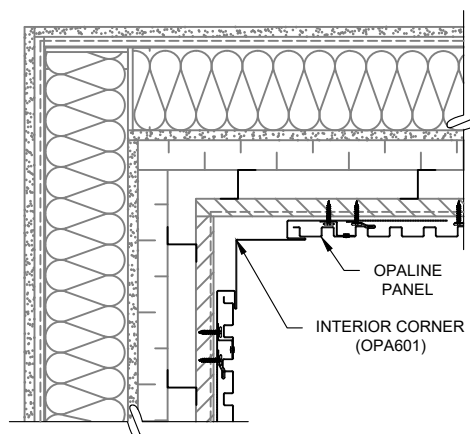
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- GYPSE PANEL

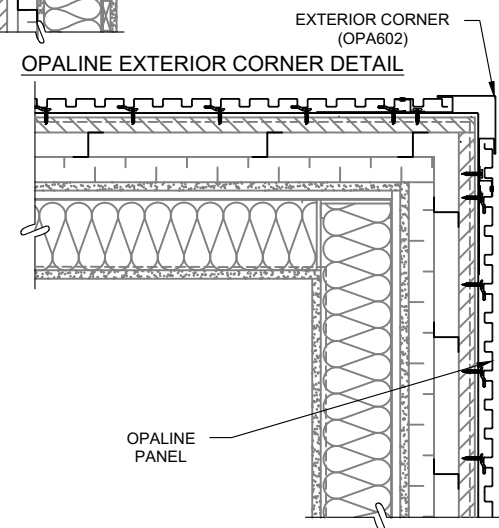
#### BOTTOM WINDOW JUNCTION



#### OPALINE INTERIOR CORNER DETAIL



#### OPALINE EXTERIOR CORNER DETAIL



#### NOTES :

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WALL CUT FOR INFORMATION ONLY



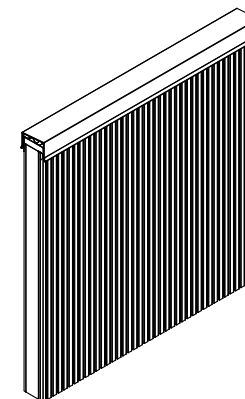
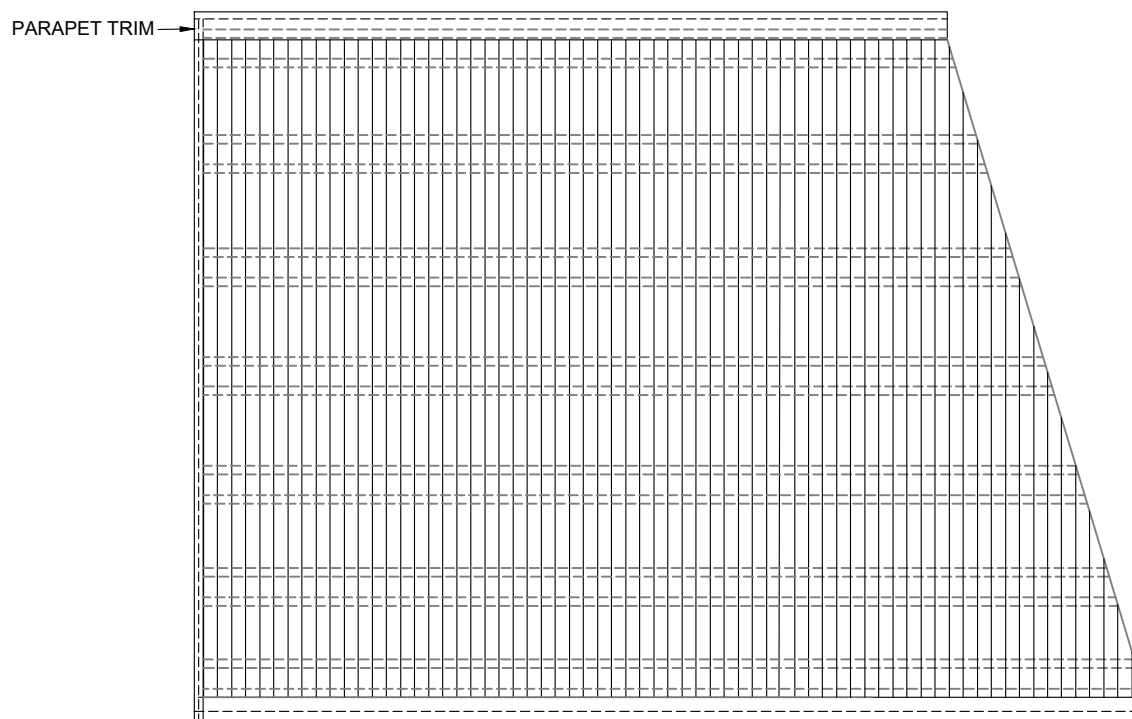
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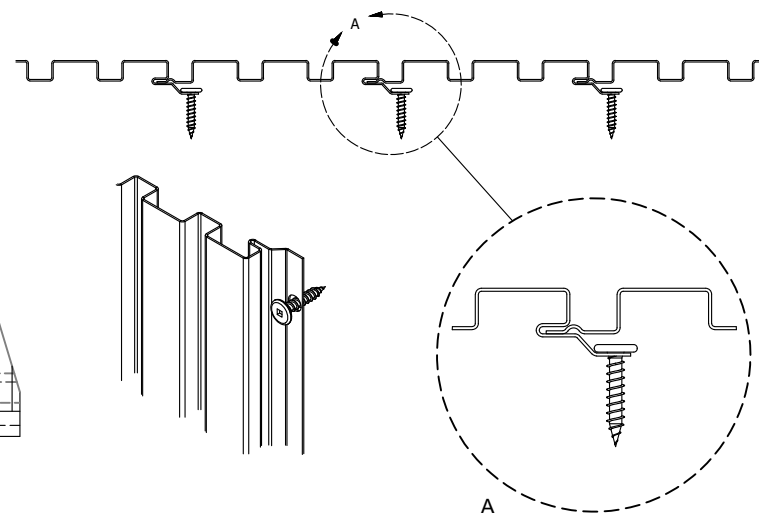
### OPALINE

#### VERTICAL INSTALLATION OPEN FRAMING

##### ELEVATION



3D REPRESENTATION



##### NOTES :

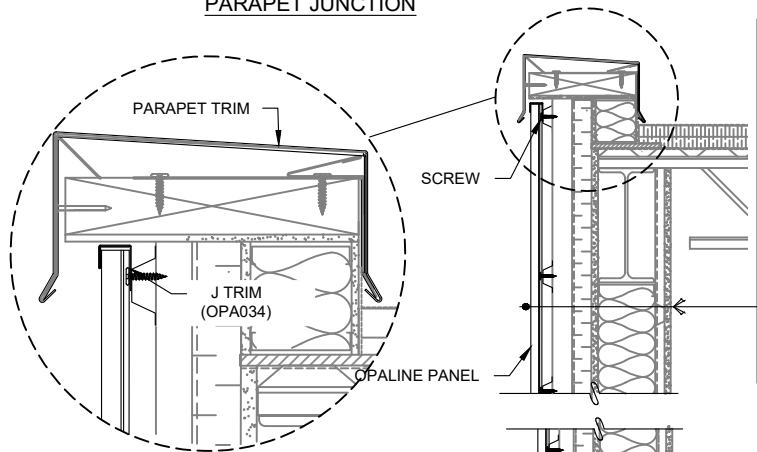
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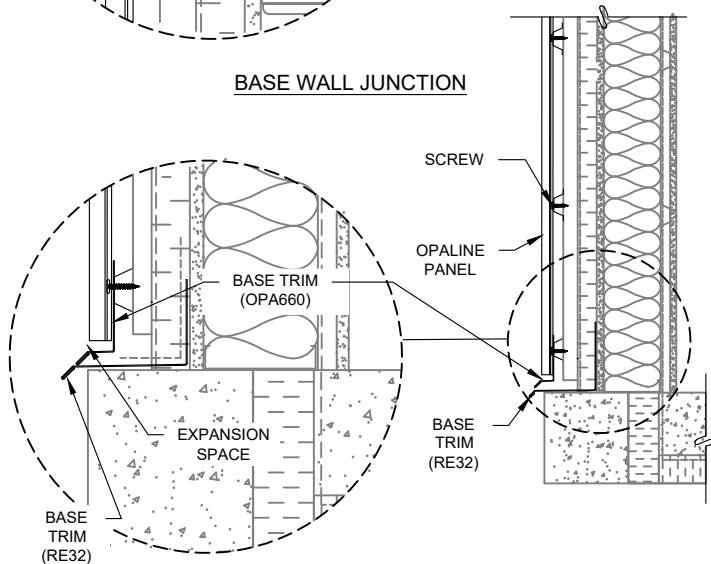
## OPALINE

### VERTICAL INSTALLATION OPEN FRAMING

#### WALL STRUCTURE PARAPET JUNCTION



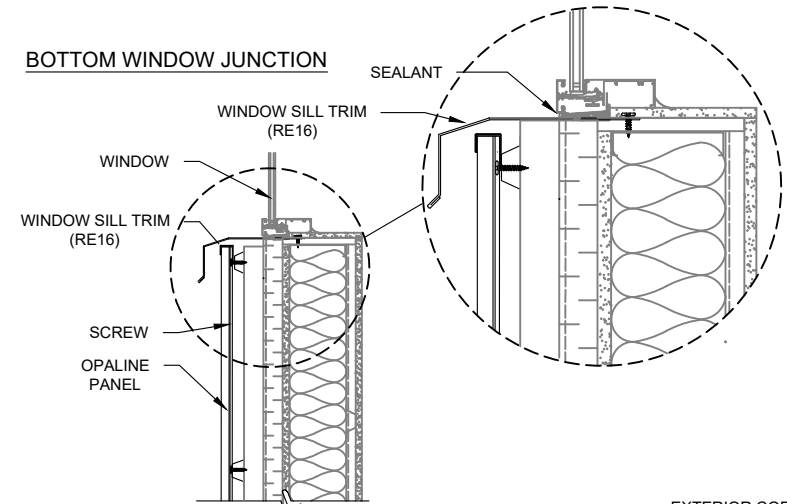
#### BASE WALL JUNCTION



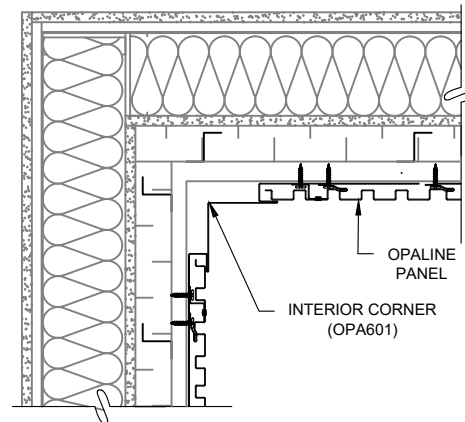
#### EXTERIOR WALL

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- VERTICAL METAL SUBGIRT
- HORIZONTAL Z BARS
- INSULATION PANEL
- AIR BARRIER MEMBRANE
- EXTERIOR GYPSE
- METAL STUD
- MINERAL FIBER INSULATION
- VAPOR BARRIER MEMBRANE
- HORIZONTAL METAL SUBGIRT
- GYPSE PANEL

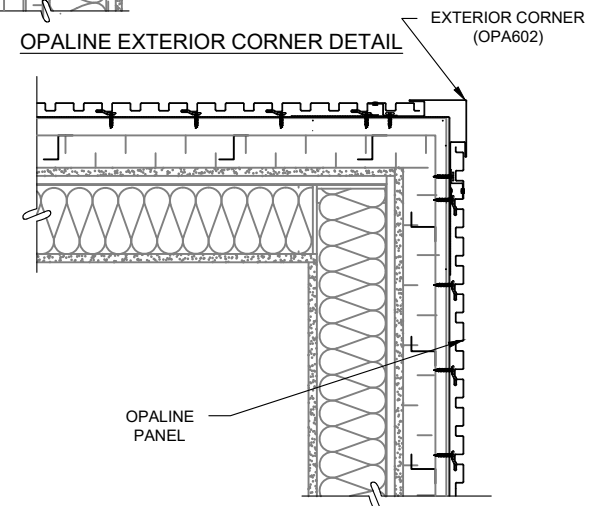
#### BOTTOM WINDOW JUNCTION



#### OPALINE INTERIOR CORNER DETAIL



#### OPALINE EXTERIOR CORNER DETAIL

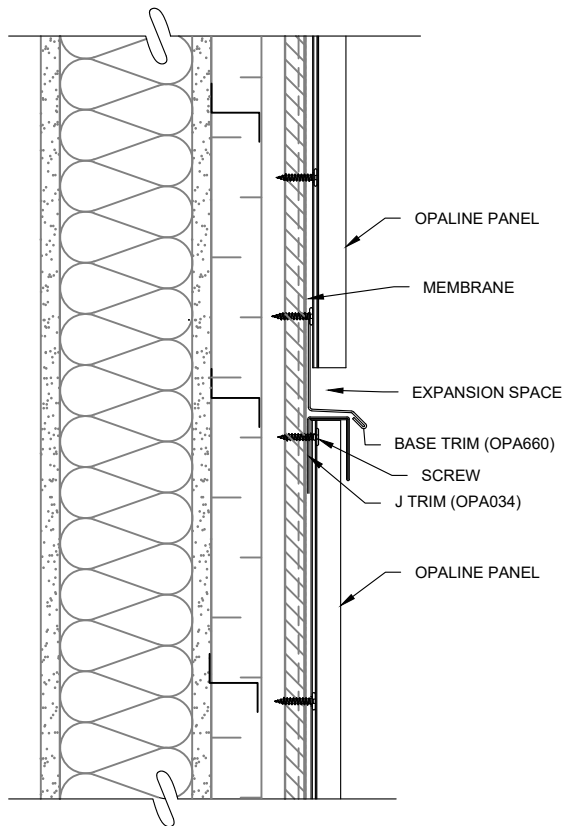


#### NOTES :

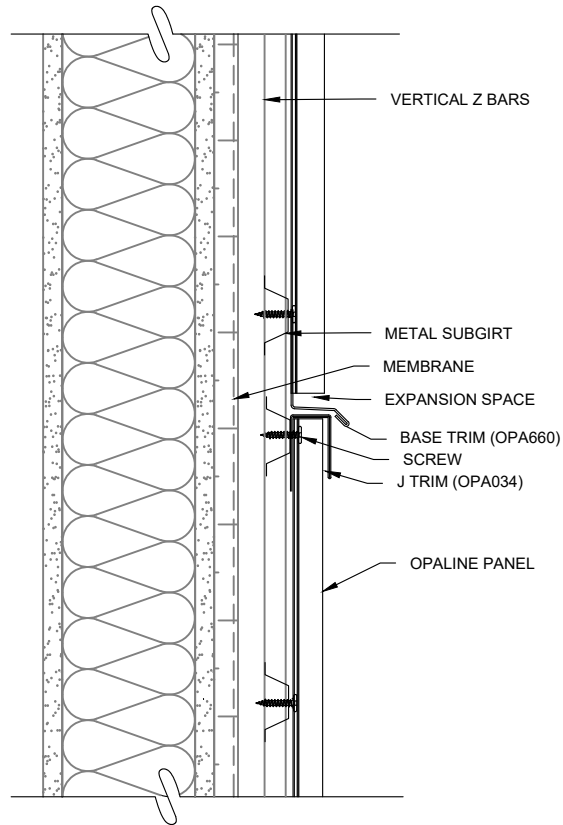
PROVIDE A THERMAL EXPANSION SPACE AT THE BOTTOM OF THE PANEL  
(SEE EXPANSION FACTOR TABLE)  
WALL CUT FOR INFORMATION ONLY

## PANEL INSTALLATION - SPECIFIC DETAILS

### HORIZONTAL TRANSITION INSTALLATION SOLID SUBSTRATE - PANEL INSTALLED VERTICALLY

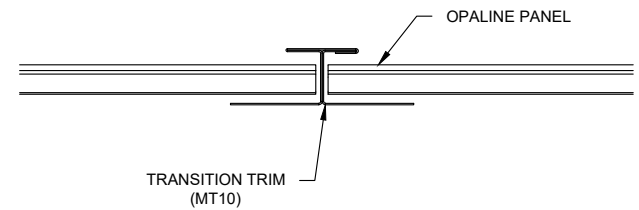


### HORIZONTAL TRANSITION INSTALLATION OPEN FRAMING - PANEL INSTALLED VERTICALLY

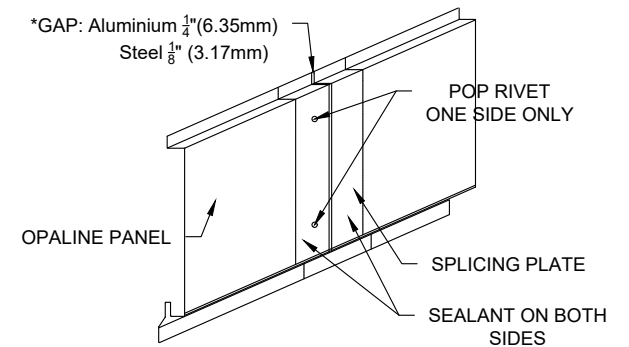


### VERTICAL TRANSITION INSTALLATION - PANEL INSTALLED HORIZONTALLY

#### OPTION 1 : TRANSITION TRIM PLAN VIEW

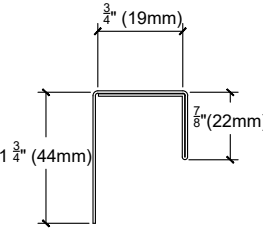
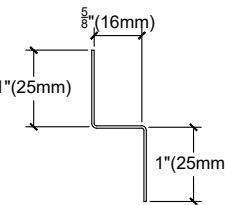
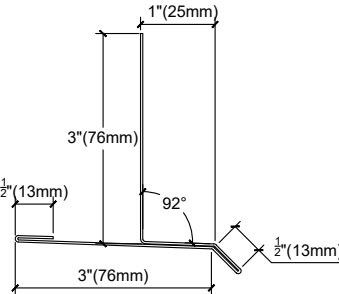
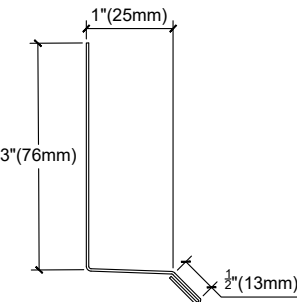
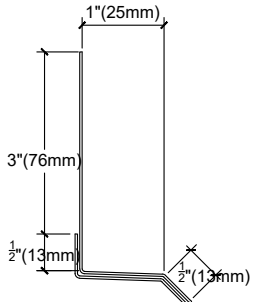
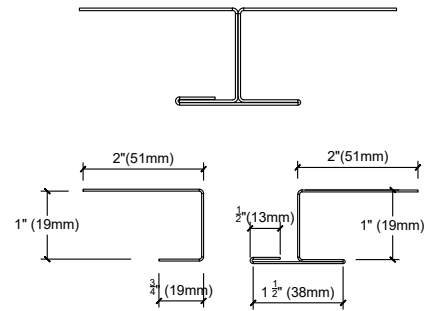
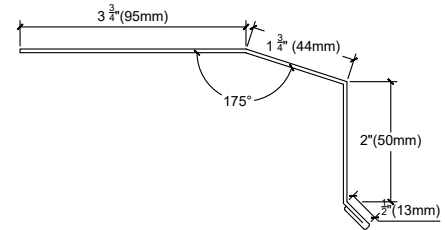
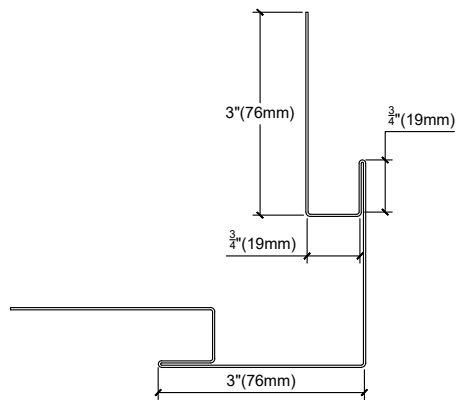
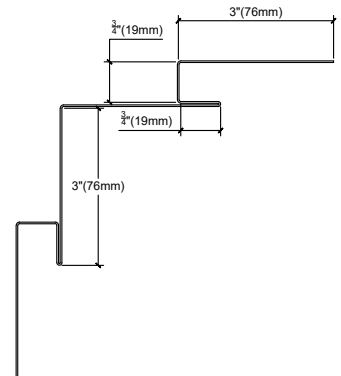
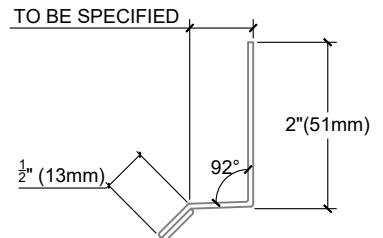


#### OPTION 2 : SPLICING PLATE



**NOTE :**  
WALL CUT FOR INFORMATION ONLY

## TRIMS AND ACCESSORIES

|                                                                                                                                                      |                                                                                                                                                          |                                                                                                                                                           |                                                                                                                                                    |                                                                                                                                                   |                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>J TRIM<br/>(OPA034)<br/>RAW MATERIAL : 5.0" (127mm)</p>           | <p>Z TRIM<br/>(OPA681)<br/>RAW MATERIAL : 2,625" (67mm)</p>             | <p>T WINDOW TRIM<br/>(OPA662)<br/>RAW MATERIAL : 8,5" (216mm)</p>        | <p>BASE TRIM<br/>(OPA660)<br/>RAW MATERIAL : 5" (127mm)</p>      | <p>BASE TRIM<br/>(OPA661)<br/>RAW MATERIAL : 6,5" (165mm)</p>  | <p>TRANSITION TRIM<br/>(MT10)<br/>RAW MATERIAL : 8,75" (223mm)</p>  |
| <p>WINDOW SILL TRIM<br/>(RE16)<br/>RAW MATERIAL : 8,5" (216mm)</p>  | <p>EXTERIOR CORNER<br/>(OPA602)<br/>RAW MATERIAL : 15,0" (381mm)</p>  | <p>INTERIOR CORNER<br/>(OPA601)<br/>RAW MATERIAL : 15,0" (381mm)</p>  | <p>BASE TRIM TO SPECIFY<br/>(RE32)</p> <p>TO BE SPECIFIED</p>  |                                                                                                                                                   |                                                                                                                                                        |

### NOTE FOR TRIMS :

- THE EXPANSION OF ALUMINUM AND STEEL DEPENDS ON A COMBINATION OF SEVERAL FACTORS: THE LENGTH AND WIDTH OF THE PANEL, THE THICKNESS OF THE MATERIAL, ITS COLOR, THE LEVEL OF SUN EXPOSURE, THE TEMPERATURE DURING INSTALLATION. PROVIDE SUFFICIENT EXPANSION SPACE ACCORDING TO THESE FACTORS (SEE EXPANSION FACTOR TABLE).

