

# Facade Study

# Opaque Material

**Anodized Aluminum**-Anodized aluminum is aluminum that has been treated to develop an exceptionally durable finish. To create anodized aluminum, you use an electrochemical process where the metal is immersed in a series of tanks, wherein one of the tanks, the anodic layer is grown from the metal itself.

Because this anodized layer is created from the aluminum itself, rather than being painted on or applied, this anodized aluminum will never chip, flake, or peel, and it is much more durable than any other similar material



# Components

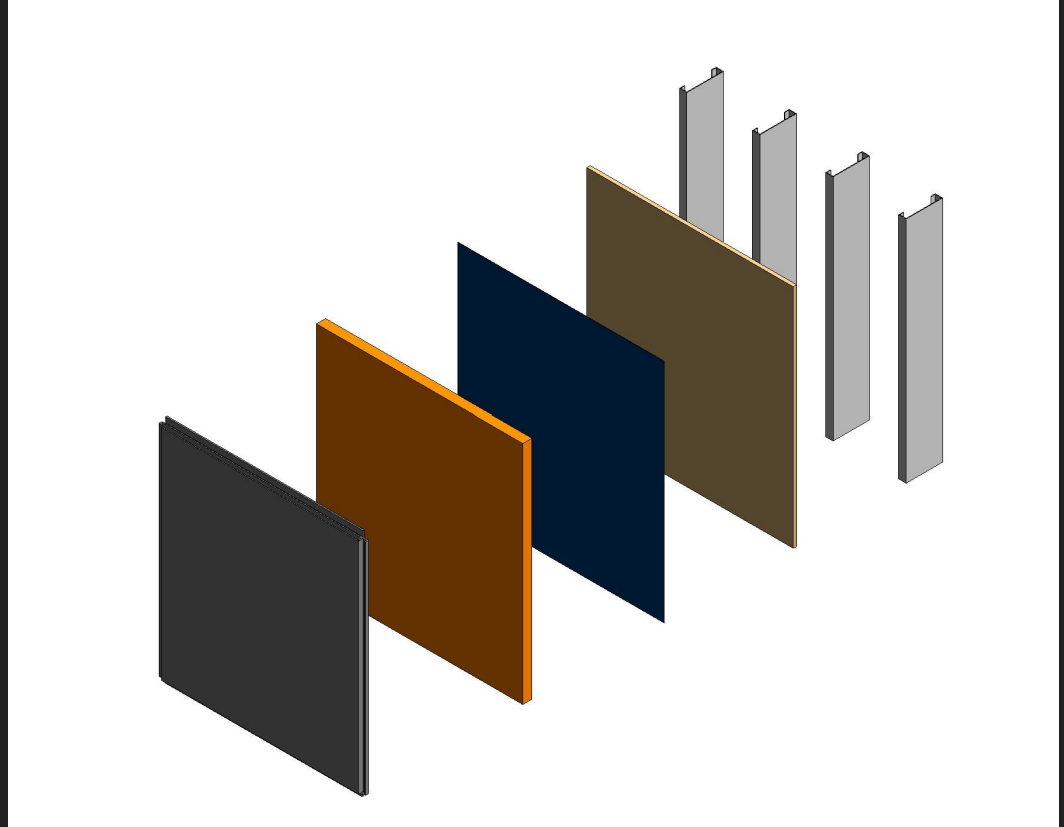
Metal Stud

$\frac{5}{8}$ " PLYwood

Waterproofing

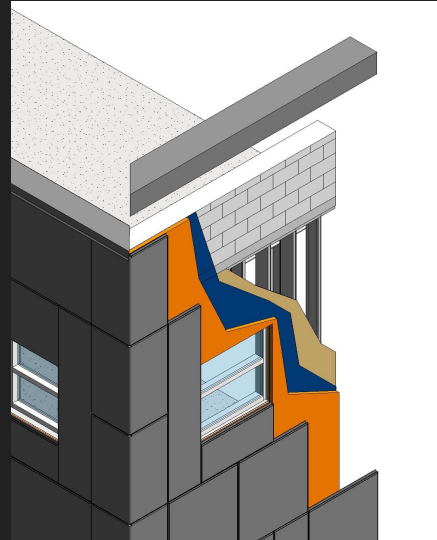
Rigid Insulation

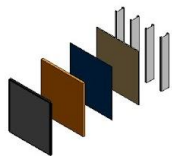
Anodized Aluminum Panel



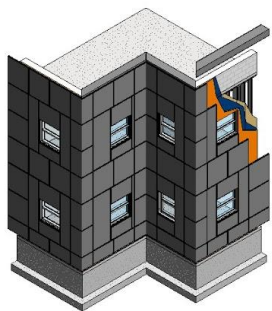
# Installation

Once you have a back up wall, then you can put on the panels from bottom up. The panels are interlocking with each other and fixed by the screw into the wall through the holes on top of the panel.

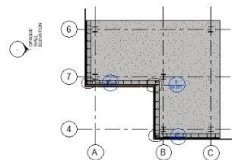




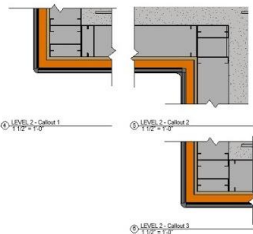
① [X] Copy 2



② Copy 1

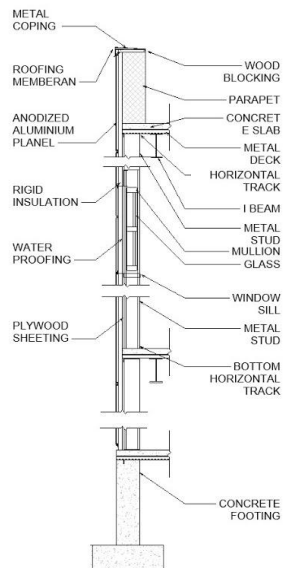


⑤ LEVEL 2  
DIFFICULT

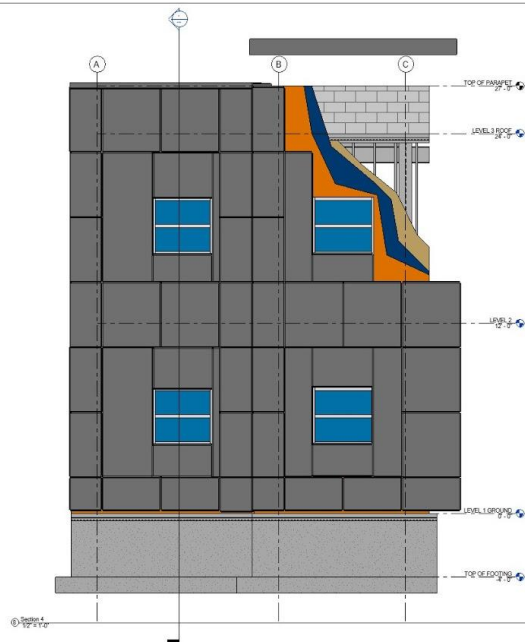
④ LEVEL 2 - Callout 1  
1.12 = 1.01

⑤ LEVEL 2 - Callout 2  
1 1/2" = 1.0"

⑥ LEVEL 2 - Callout 3  
1 1/2" = 1.5"



⑦ Section 5



④ Section 4

Junhao Tan

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[illegible]

Junhao Yan

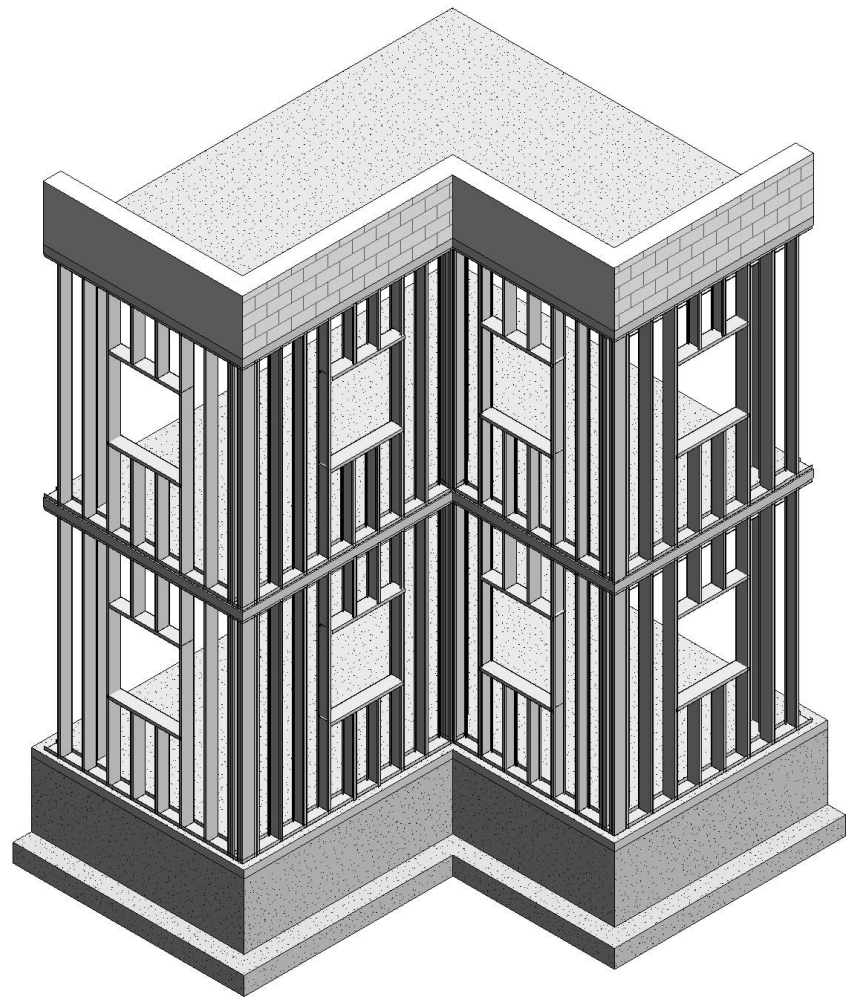
Facade Study  
OPAQUE FACADE STUDY

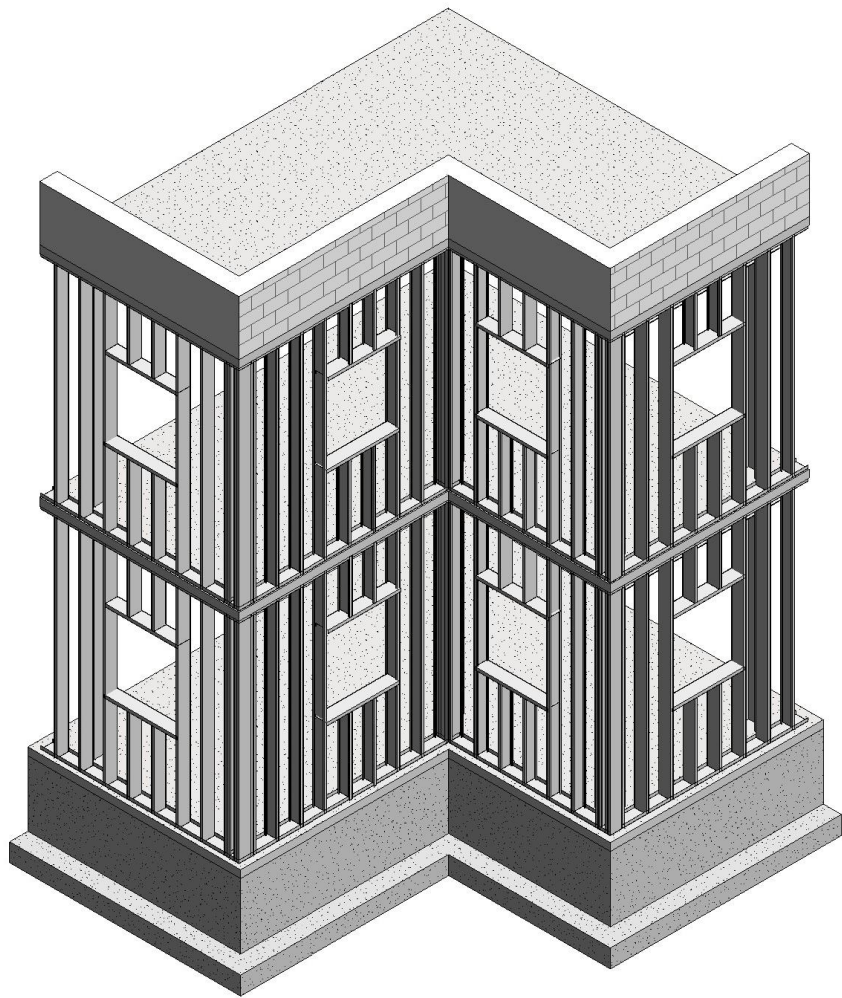
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| Project number | Project Name |
| Date           | Issue Date   |
| Drawn by       | Author       |
| Checked by     | Checker      |
| <b>H-101</b>   |              |
| Scale          | As indicated |

H-101

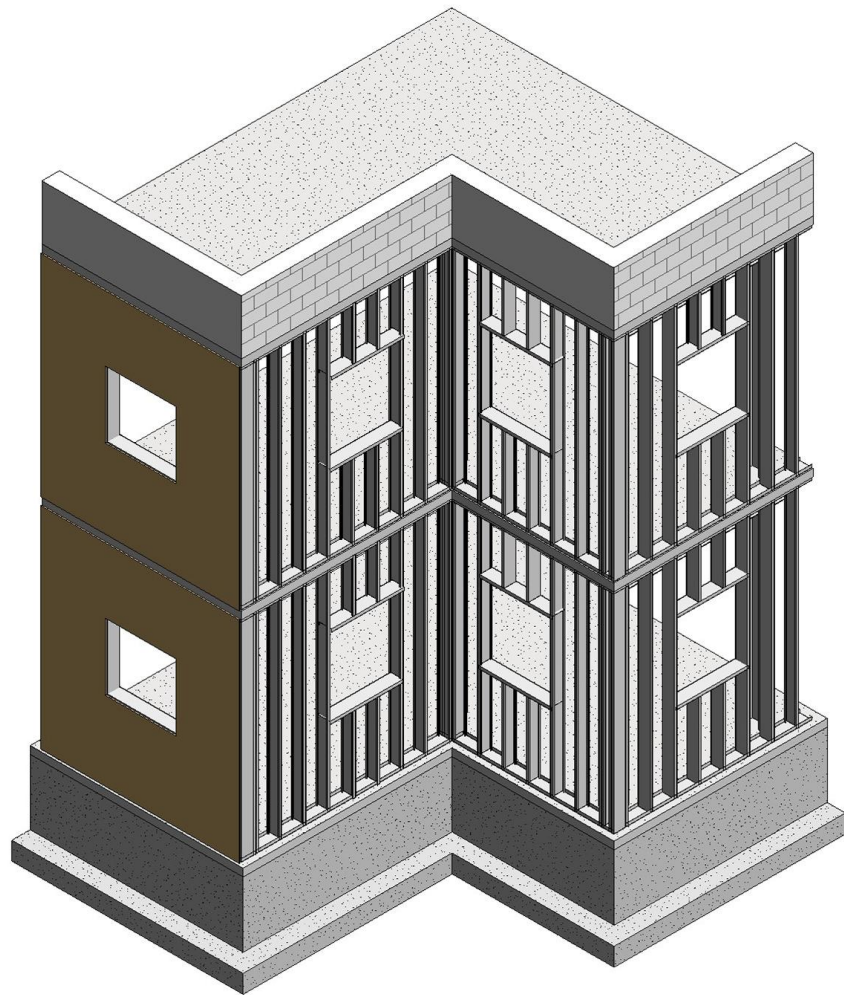
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| Author       |
| Checker      |
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| As indicated |

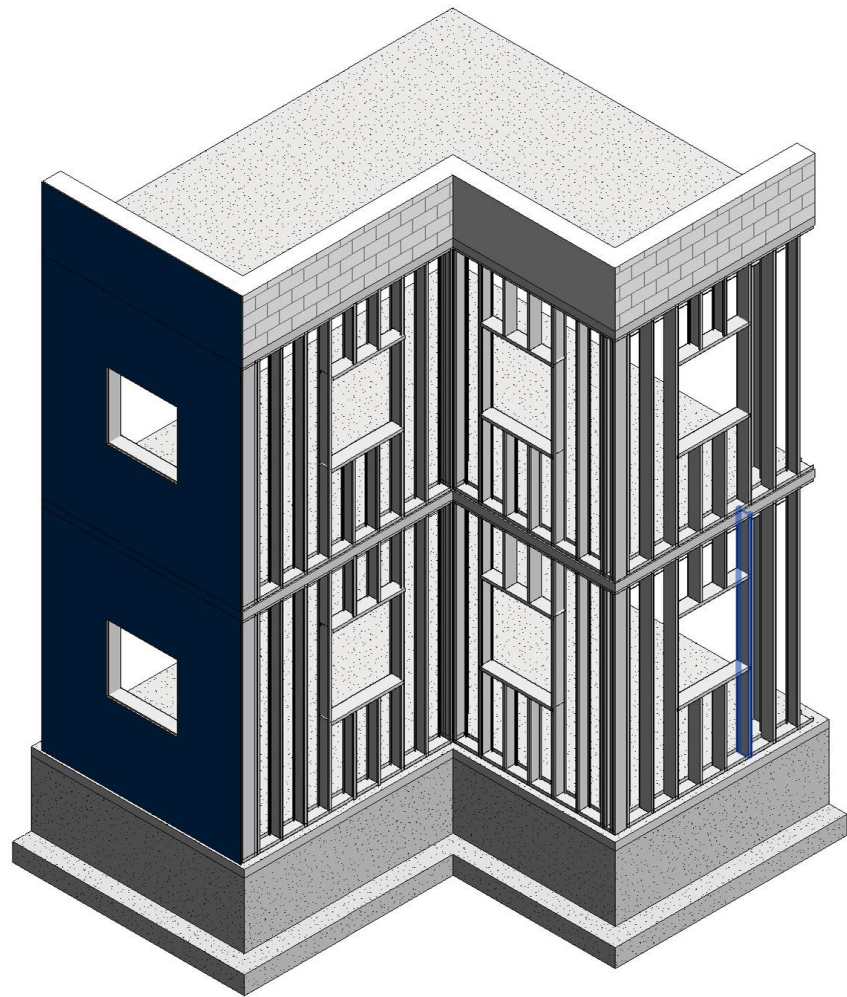
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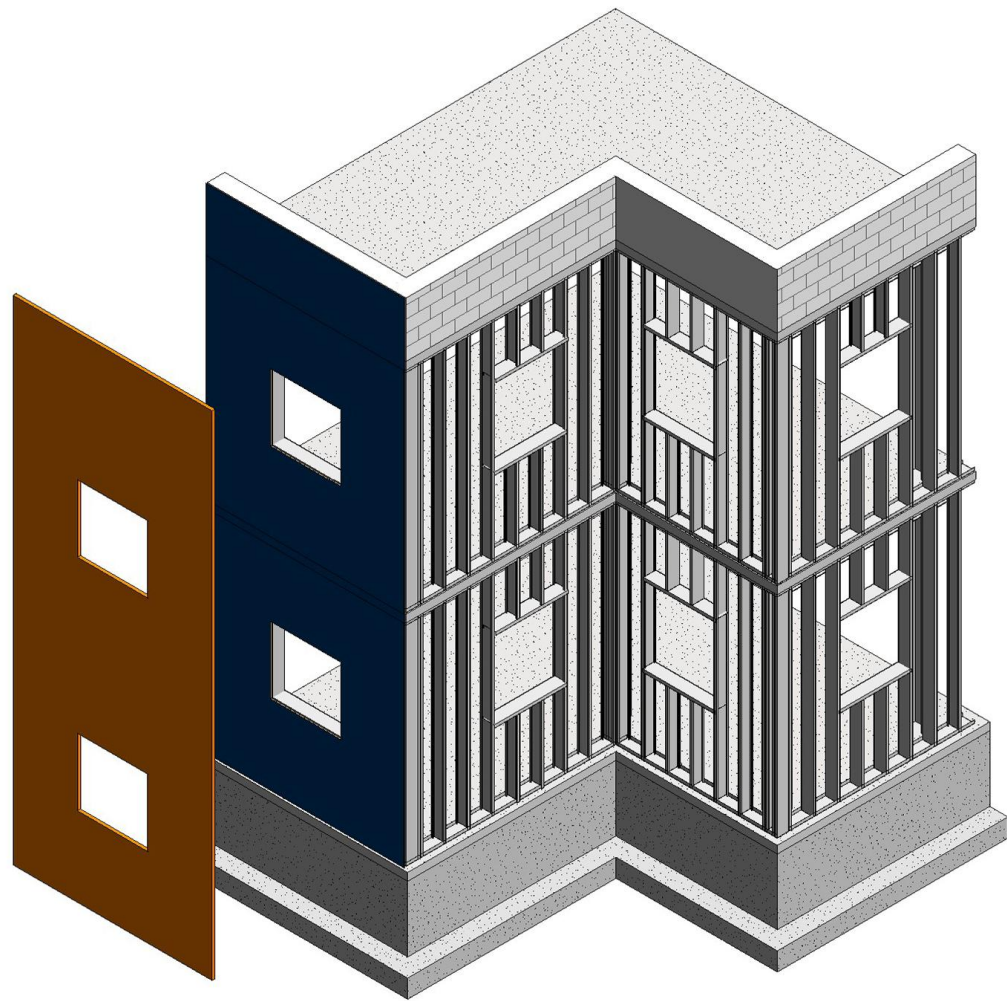


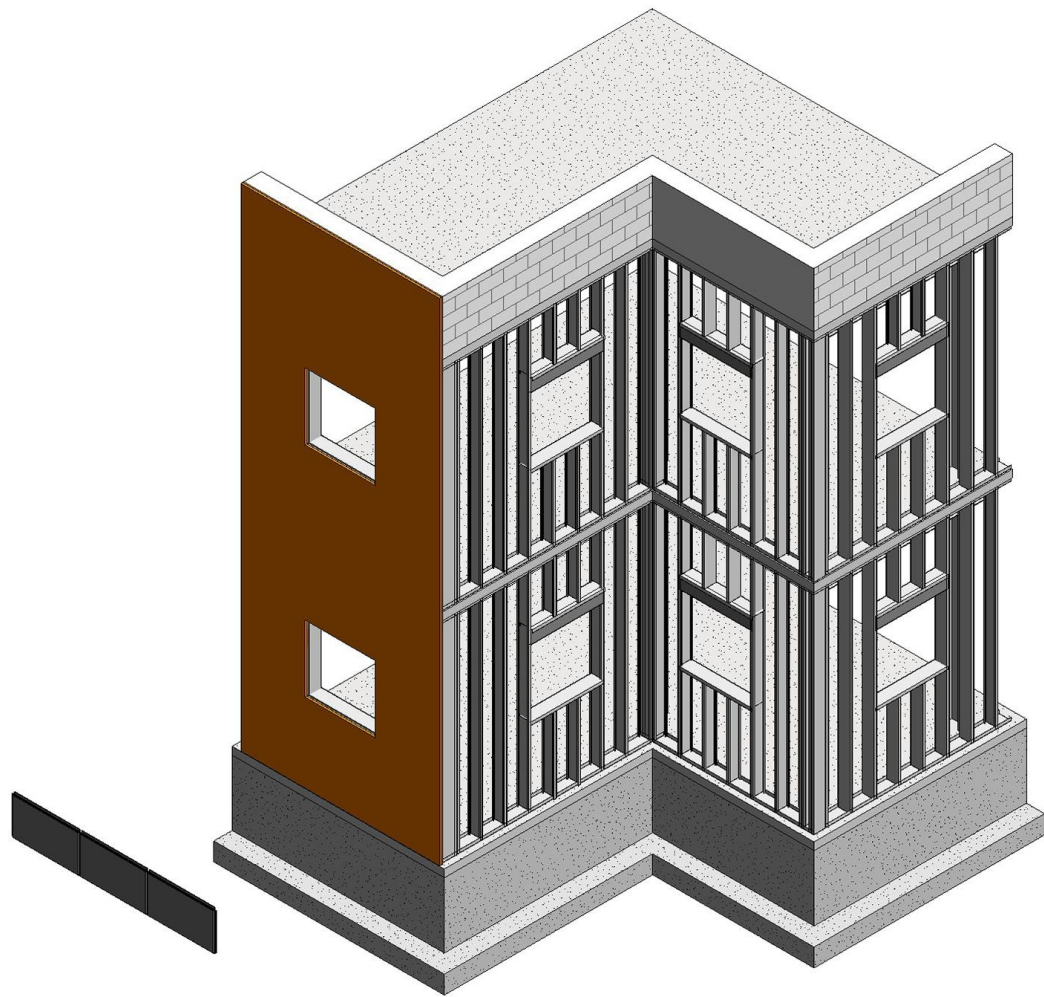


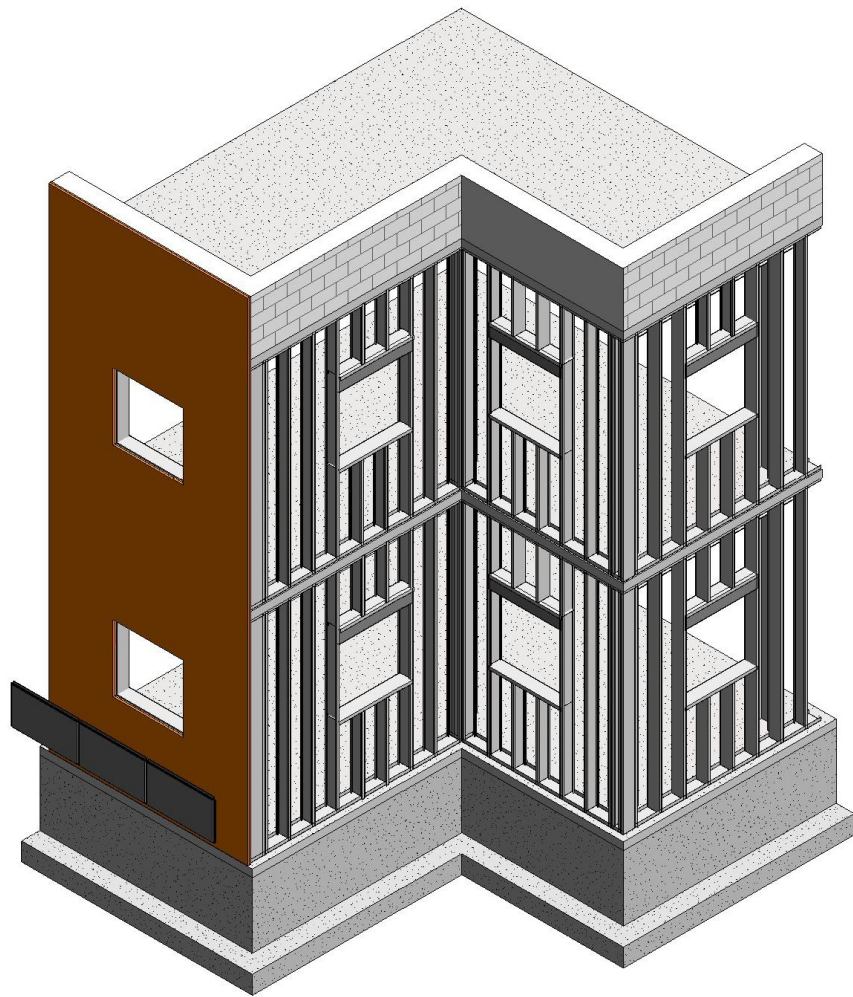












# Curtain Wall

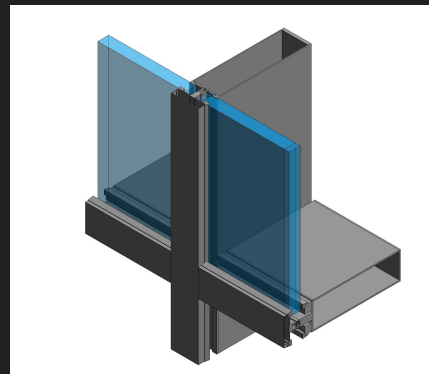
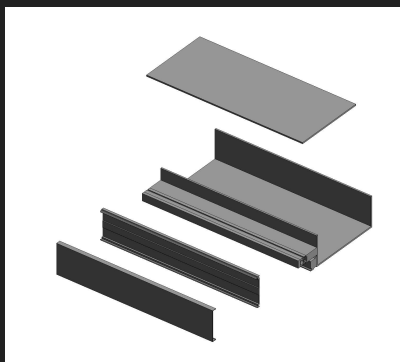
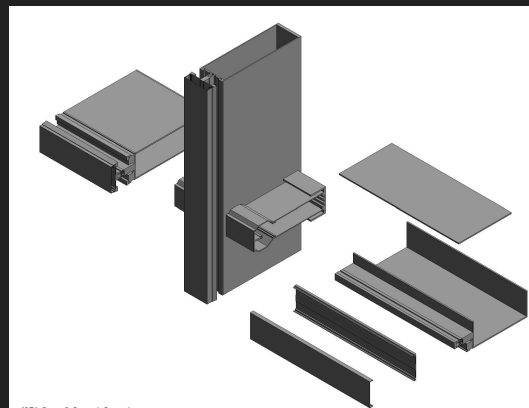
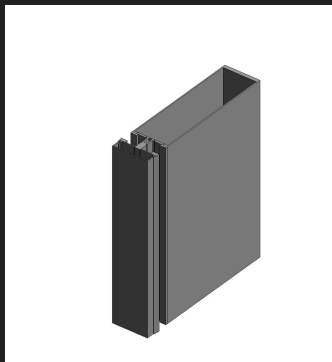
## 1600UT System™2 Curtain Wall

### By Kawneer

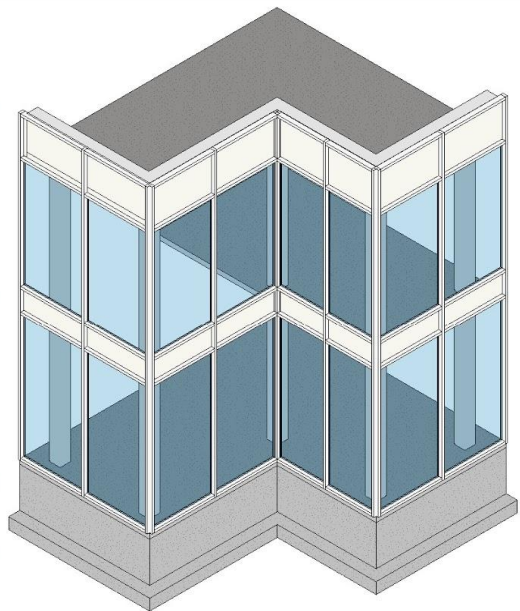
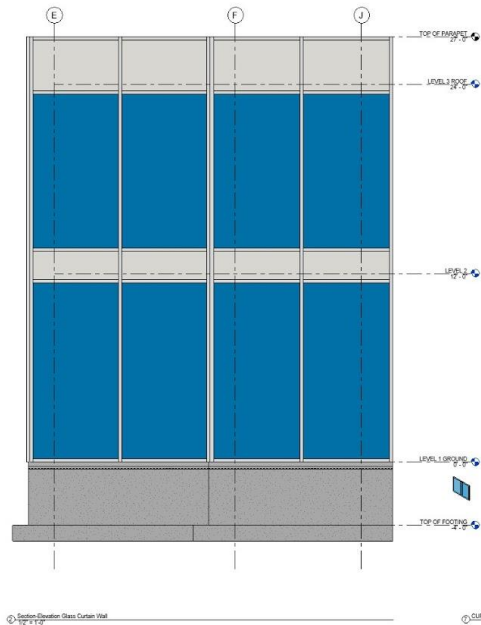
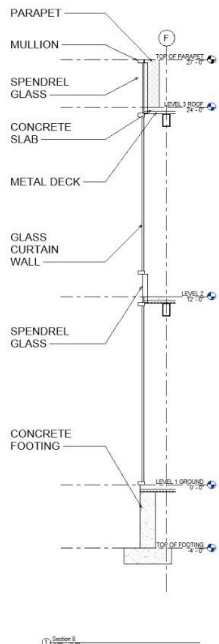
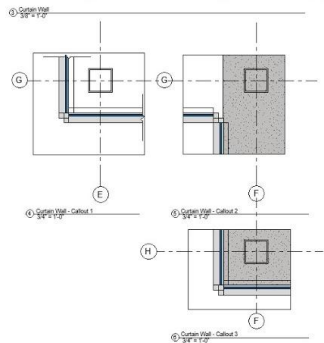
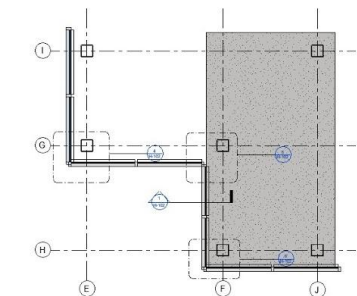
- 2-1/2" (63.5mm) sightline
- 6" (152.4mm), 7-1/2" (190.5mm) or 10-1/2" (266.7mm)
- Ultra thermal performance
- Low to mid rise applications
- Structural silicone glazed (SSG)



# Components







|   |  |
|---|--|
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| Created:<br>Revised:<br>Deleted:<br>Other:  | ADD YOUR PROF. KING<br>ARCH 2431 BUILDING<br>TECHNOLOGY III<br>SECTION: ADD HERE   |
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