

Technical drawing of an Insulated Glass Unit (IGU) showing a perspective view and a cross-section view.

IGU Details:

- 1 1/4" Vision Glass
- Low-E TBD
- 3/8" Low-E # 2
- 1/2" Air Space Bar
- 3/8" Final Make Up TBD

Section View Details:

- Interior
- Exterior
- Low-E Coating
- Primary seal
- Surface
- Dimensions: 1 1/4", 1/2", 3/8", 3/8", 1 1/4"

Curtain Wall Installation

Building Overview

A 3D architectural rendering of a modern skyscraper with a glass curtain wall. The building is shown from a low-angle perspective, emphasizing its height. The facade is composed of a grid of blue-tinted glass panels. Three callout boxes are present: Callout 1 is located near the top of the building, showing a rooftop area with a white rectangular structure and several cylindrical tanks. Callout 2 is located on the middle section of the building, highlighting a specific window or panel. Callout 3 is located near the base of the building, showing a green-tinted area, possibly a base or a lower section. The building has a stepped design with three distinct levels of increasing height.

1 Roof Enclosure & Building Maintenance Unit

Diagram 1 illustrates the roof enclosure and building maintenance unit (BMU) system. The main view shows a cross-section of the building's roof structure, including the BMU unit, roof beams, and the window washing guide. The diagram also shows the window washing guide and the window washing unit (WU) unit. A circular inset provides a detailed view of the window washing guide and the window washing unit, showing the 'Shade pocket', 'Weep', and 'Window Washing Guide' components. The diagram is labeled '1 Roof Enclosure & Building Maintenance Unit'.

[illegible]

3 Mechanical Floor Louvers and Enclosure

The main image shows a perspective view of a building's exterior wall composed of a grid of mechanical floor louvers. Red curved arrows illustrate the airflow, entering the louvers and being directed upwards and outwards. A small inset shows a close-up of a louver's internal mechanism, highlighting the 8" x 8" vertical tube and the 6" x 6" horizontal tube.

Unitized Louvers

The diagram illustrates the components and operation of unitized louvers. It shows a cross-section of the louvers, highlighting the 8" x 8" vertical tube and the 6" x 6" horizontal tube. The diagram also shows the louvers in both inactive and active states, with red arrows indicating the airflow direction. Labels include: backscreen, blankoff panel, inactive louver, active louver, 8" x 8" vertical tube, and 6" x 6" horizontal tube.

Unitized Louver over Unitized Louver Section

This section shows two cross-sections of the louvers. The left section shows the louvers in an active state, with air flowing through the louvers. The right section shows the louvers in an inactive state, with air flowing over the louvers. Labels include: insulation, blankoff panel, louvers blades, and backscreen.

Unitized Louver Mullion Plan

This plan view shows the mullion structure of the louvers. It highlights the inactive louver to active louver transition and the active louver to active louver transition. Labels include: insulation, backscreen, blankoff panel, and louvers blades.