

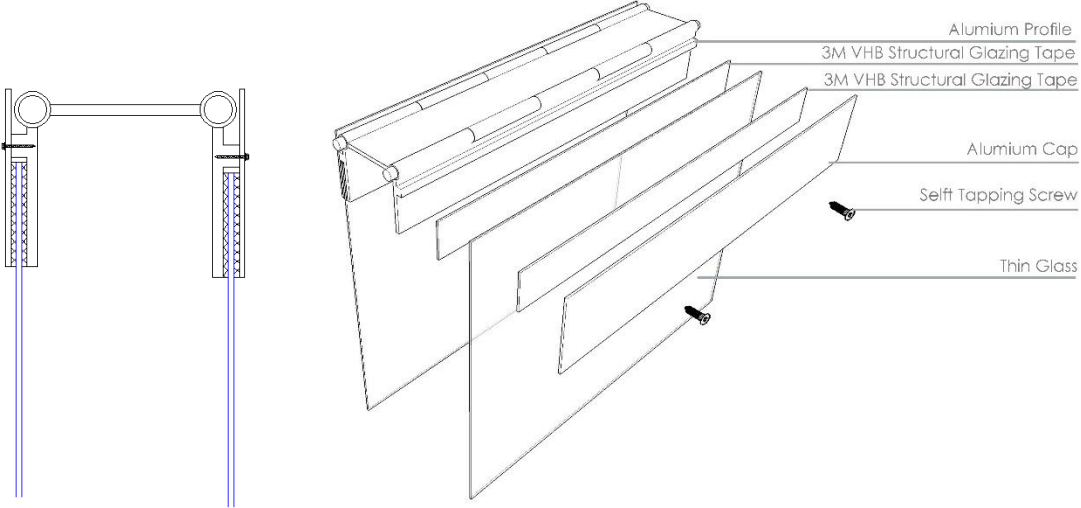
Drawings



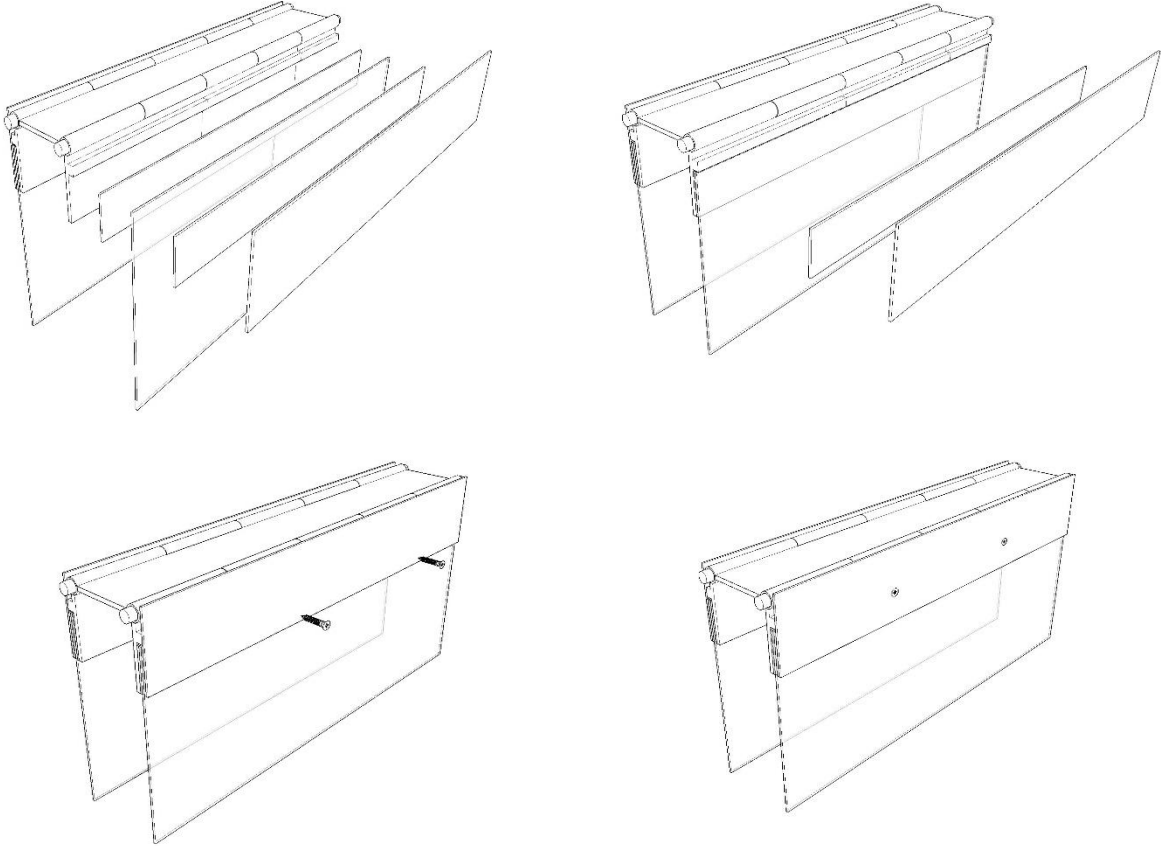
Bahareh Miri

July 2018

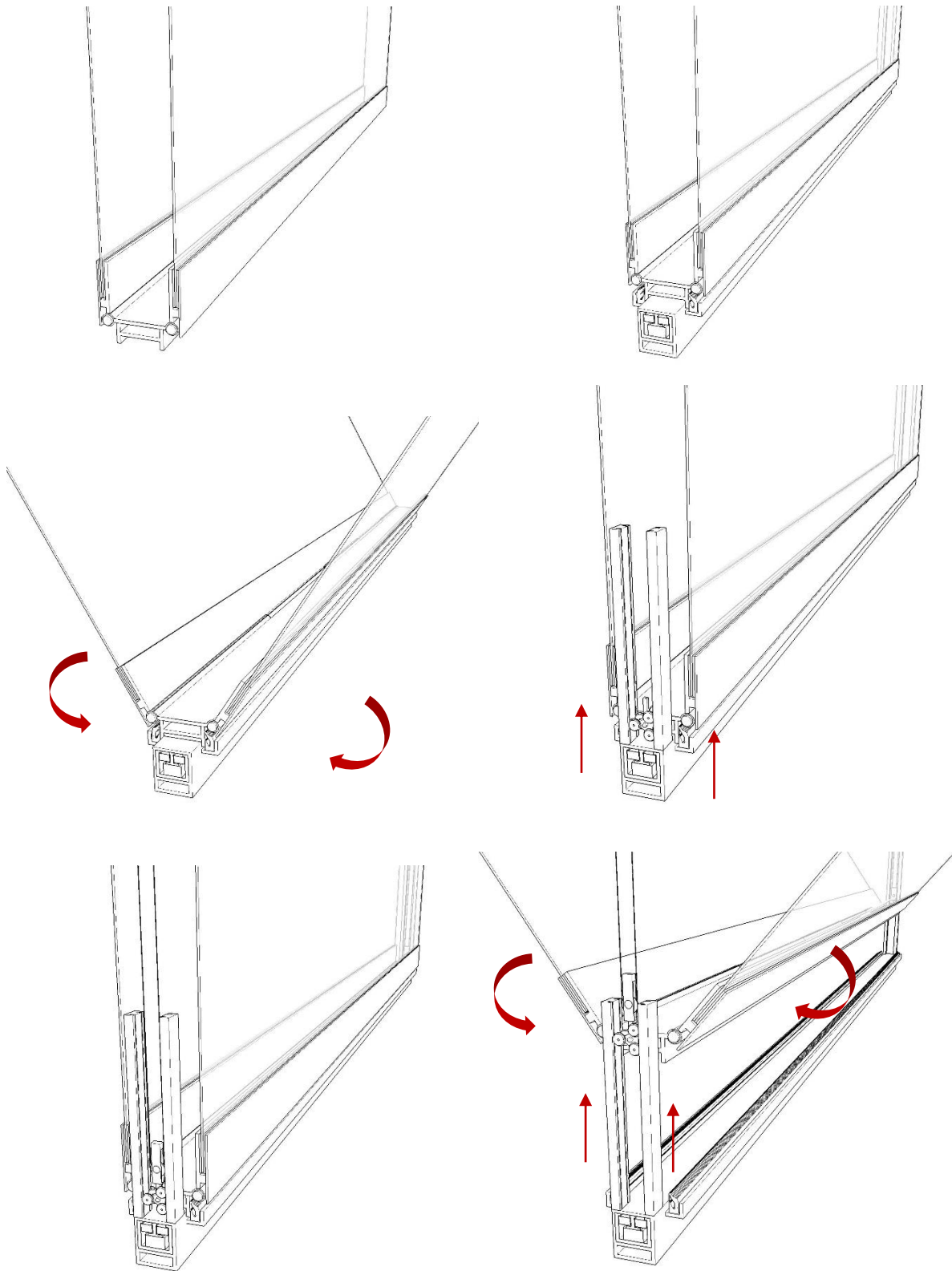
General Drawings



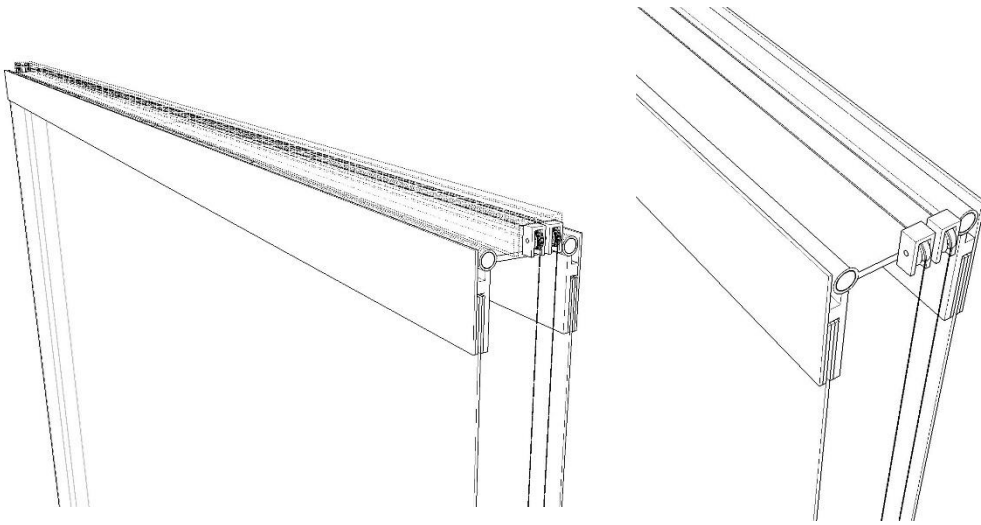
Selected profile



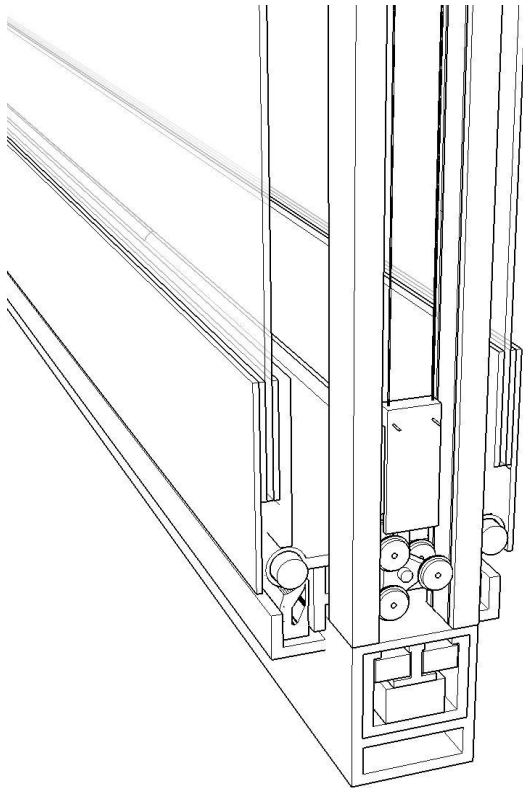
Final profile setup



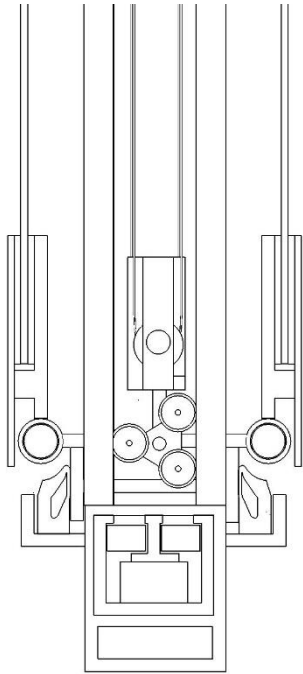
Concept I final window setup



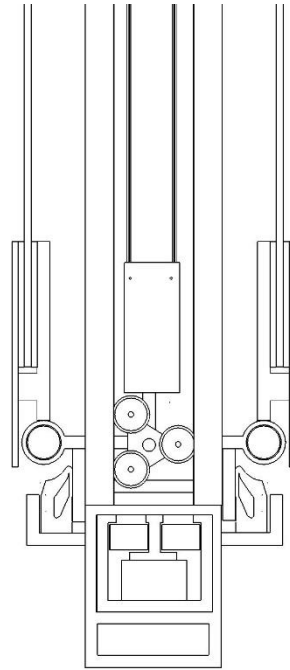
Wheel guider concept 1



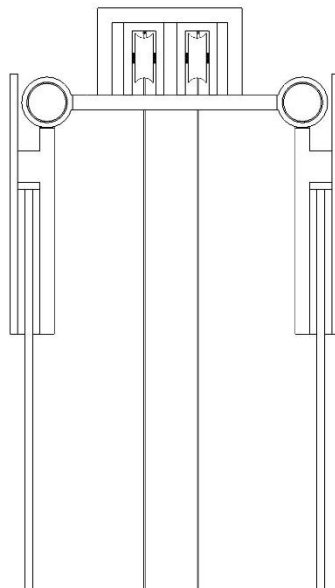
free end SMA wire side



Bottom Connection 1

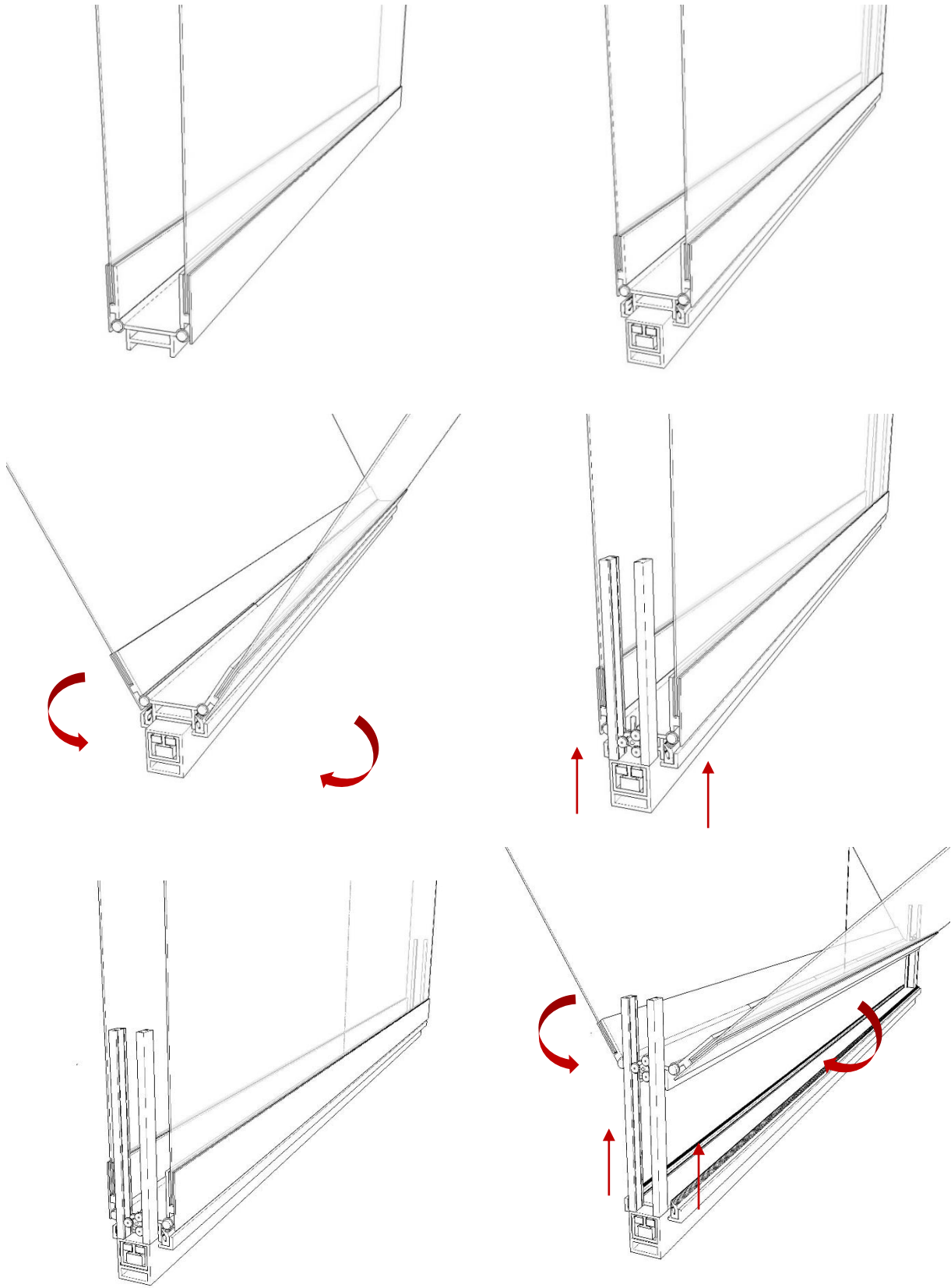


Bottom Connection 2

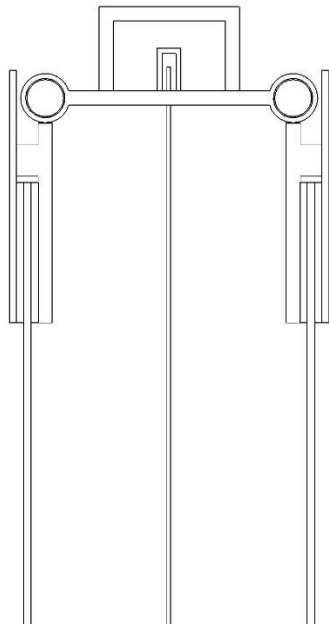


Top connection

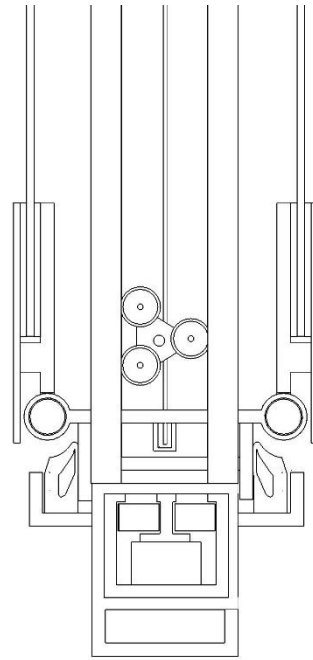
Side views of concept 1



Concept II final window setup



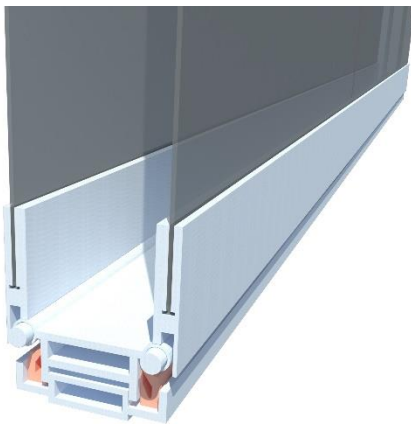
Top connection



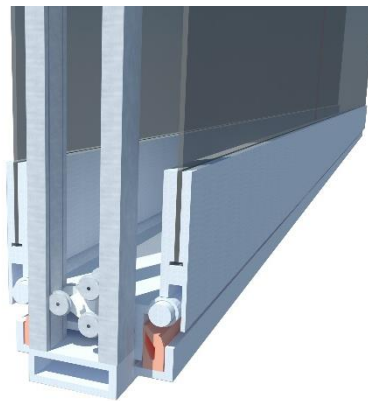
Bottom connection

Concept II side views

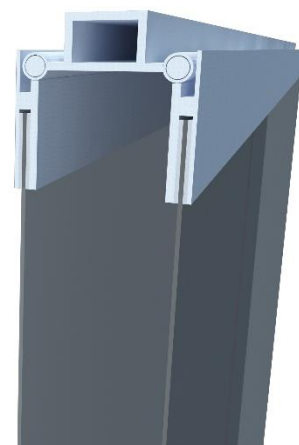
Atrium window Drawings



Bottom Connection from middle

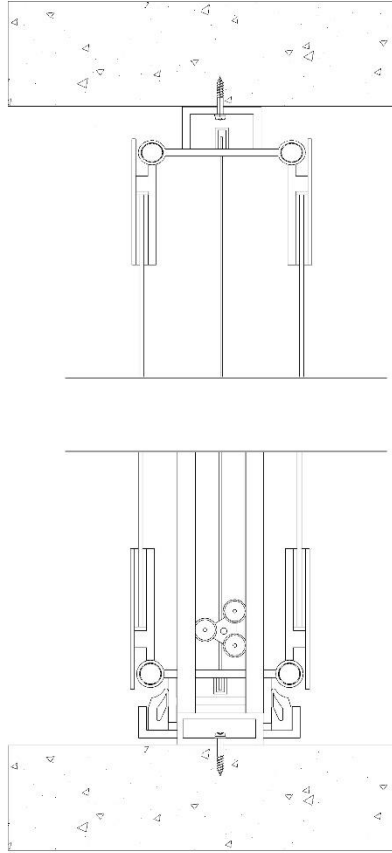


Bottom Connection with rail

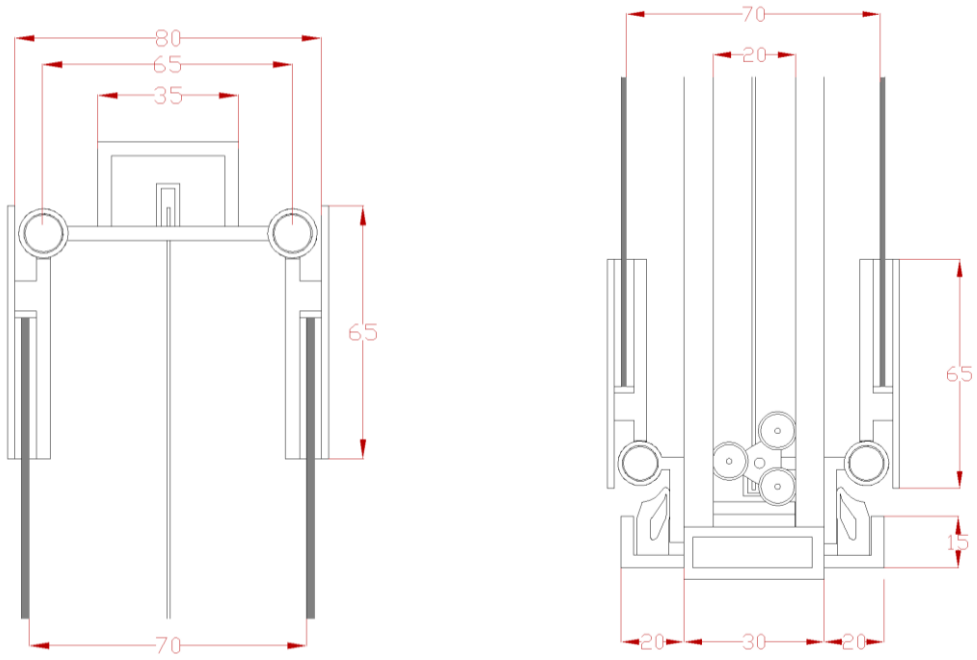


Top connection

3d views of the details of the Atrium window



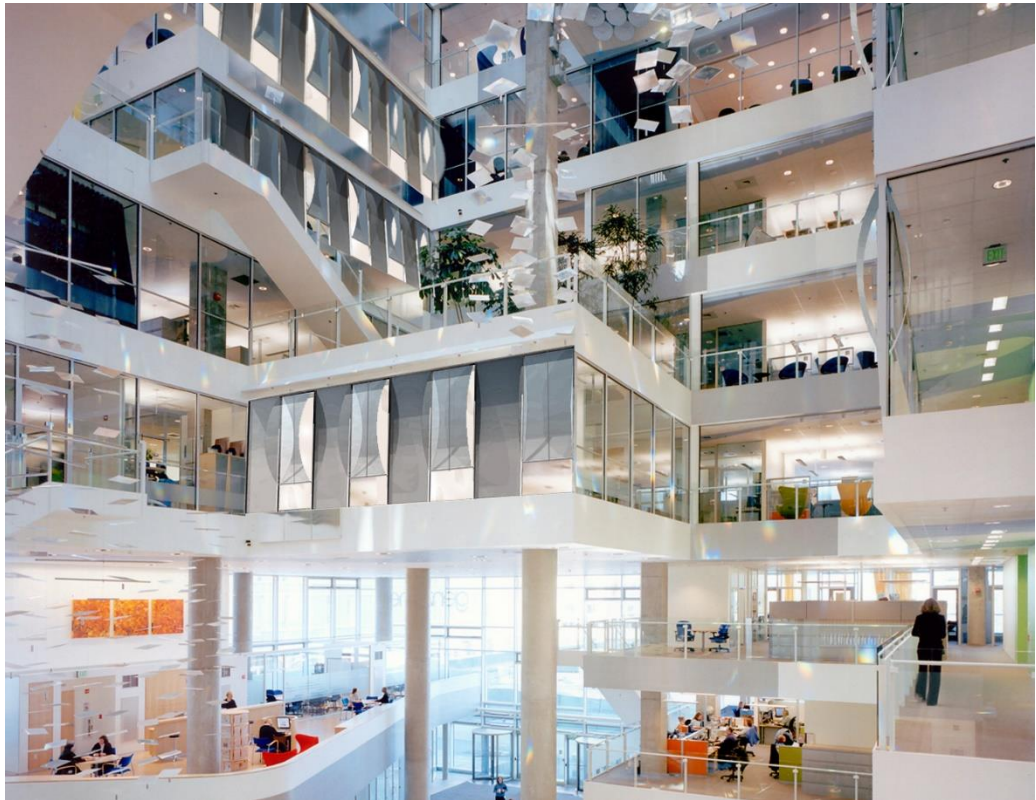
Section of the Atrium window



Details of the inner window



Current situation



Proposed situation

Existing interior window vs. proposed interior window

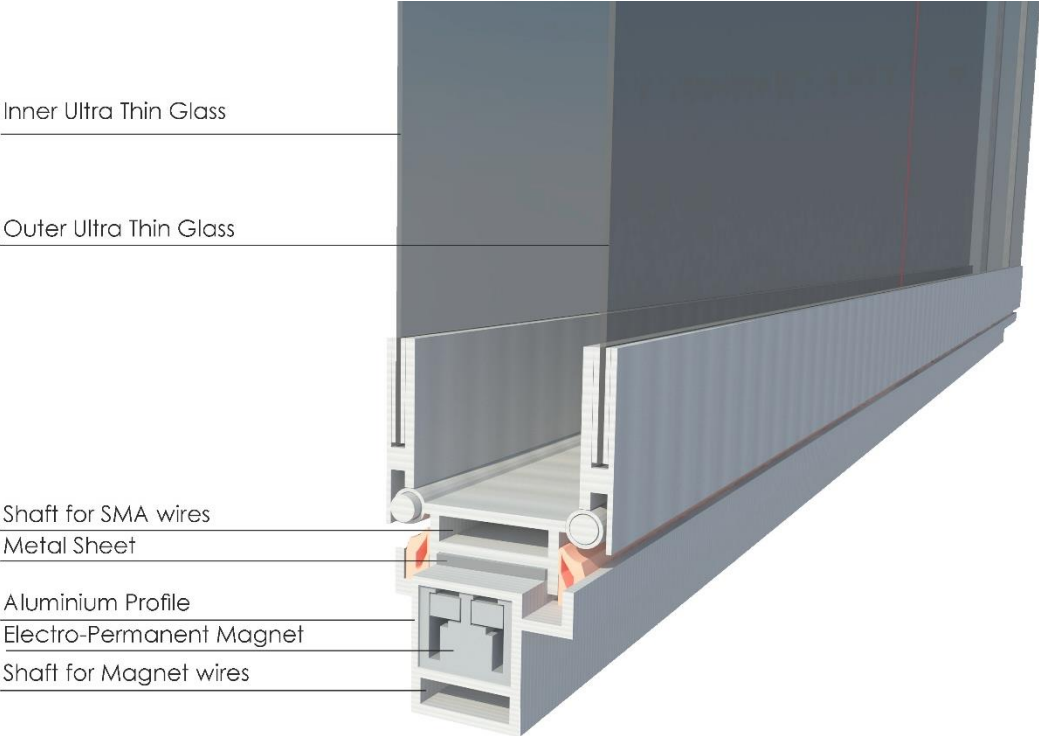


Relaxed SMA Situation

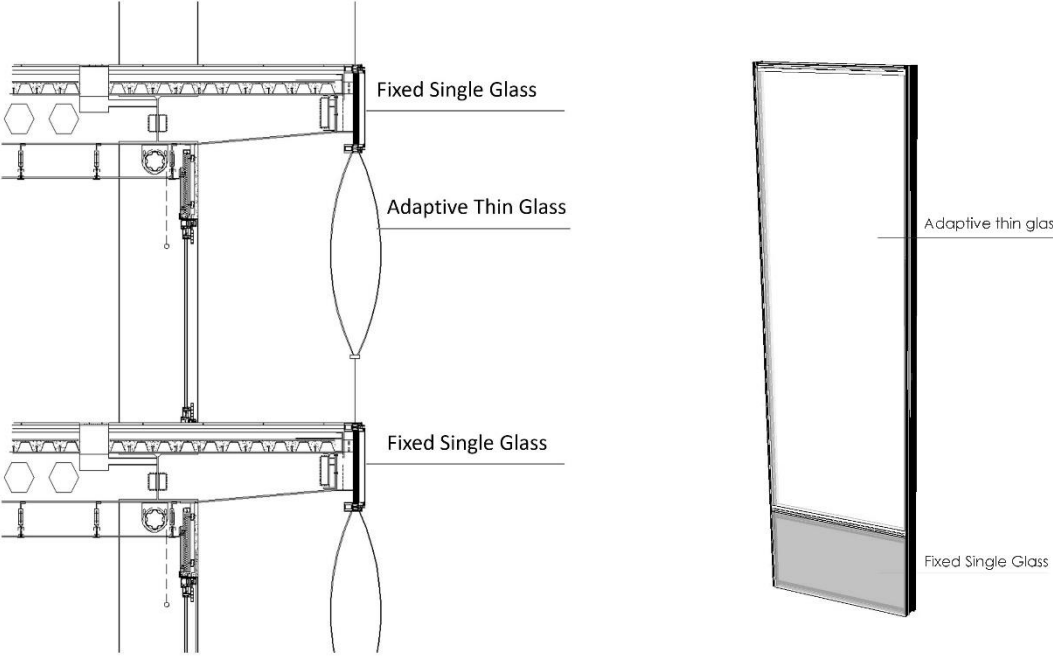


Activated SMA Situation
Proposed interior window system

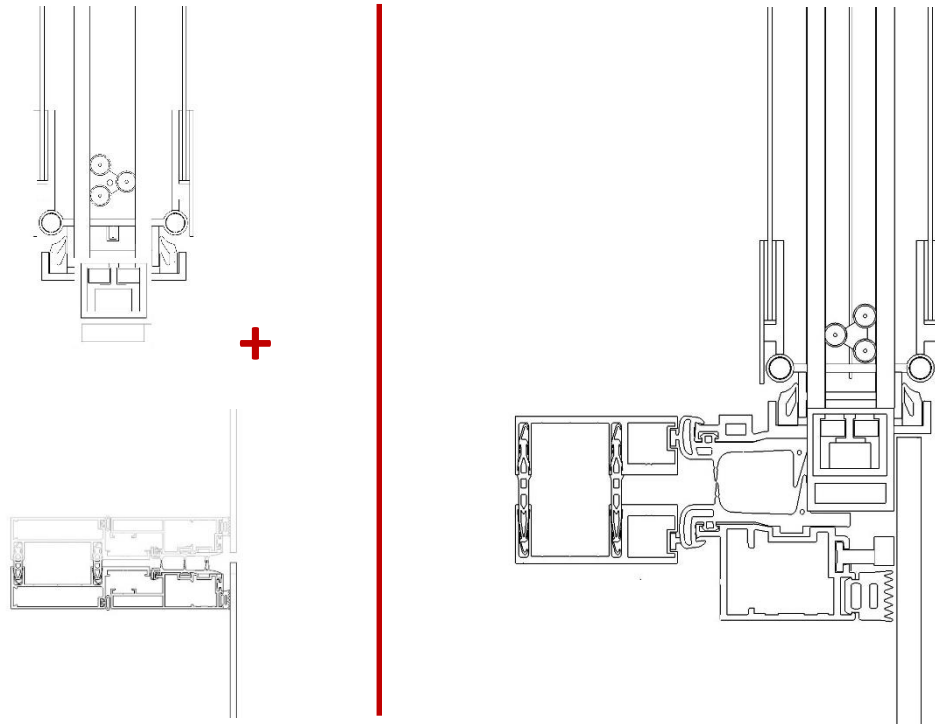
Exterior window Drawings



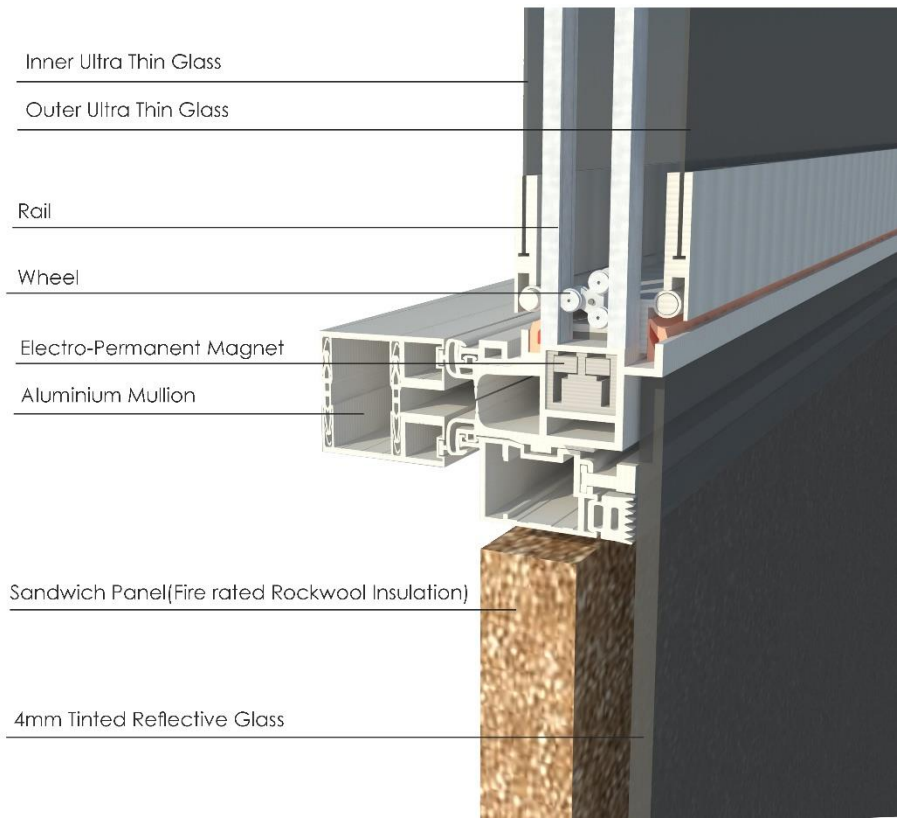
3d views of the details of the outer window



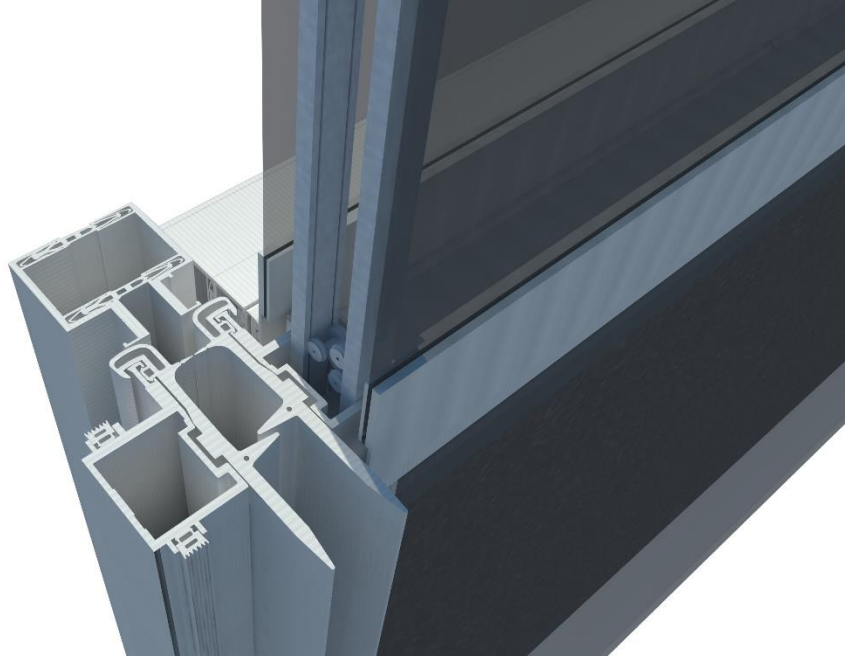
Unitized panel



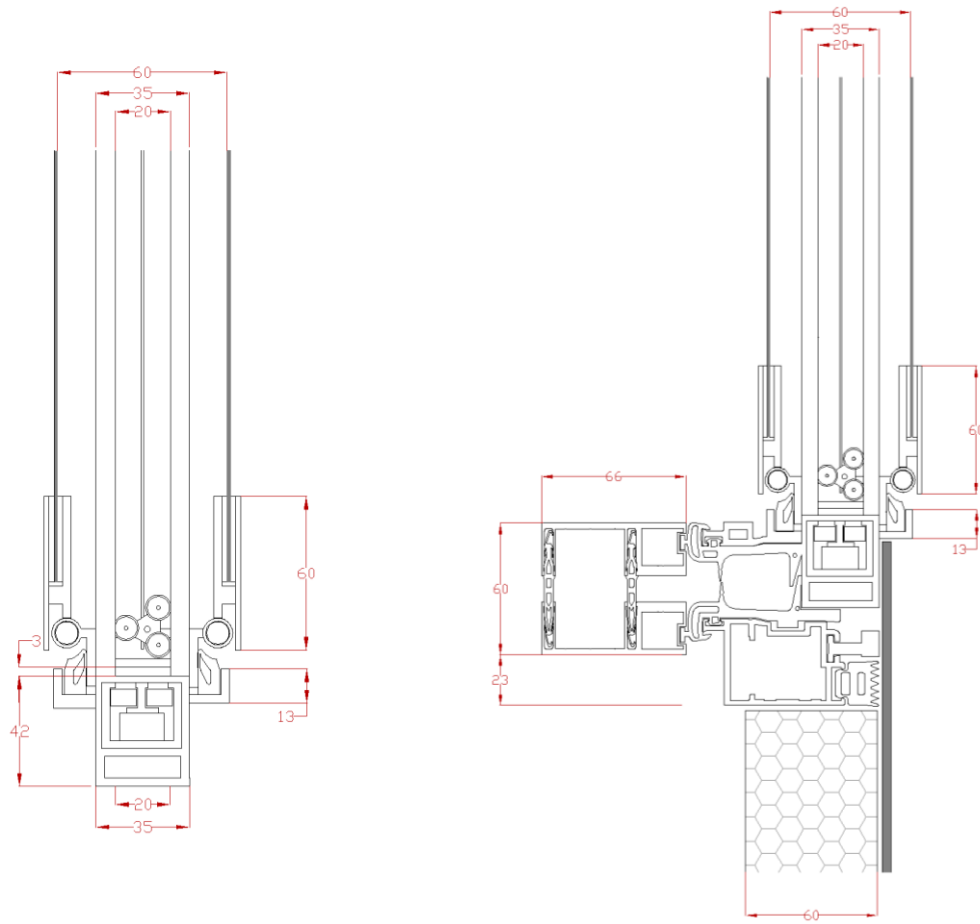
The proposed profile for unitized facade

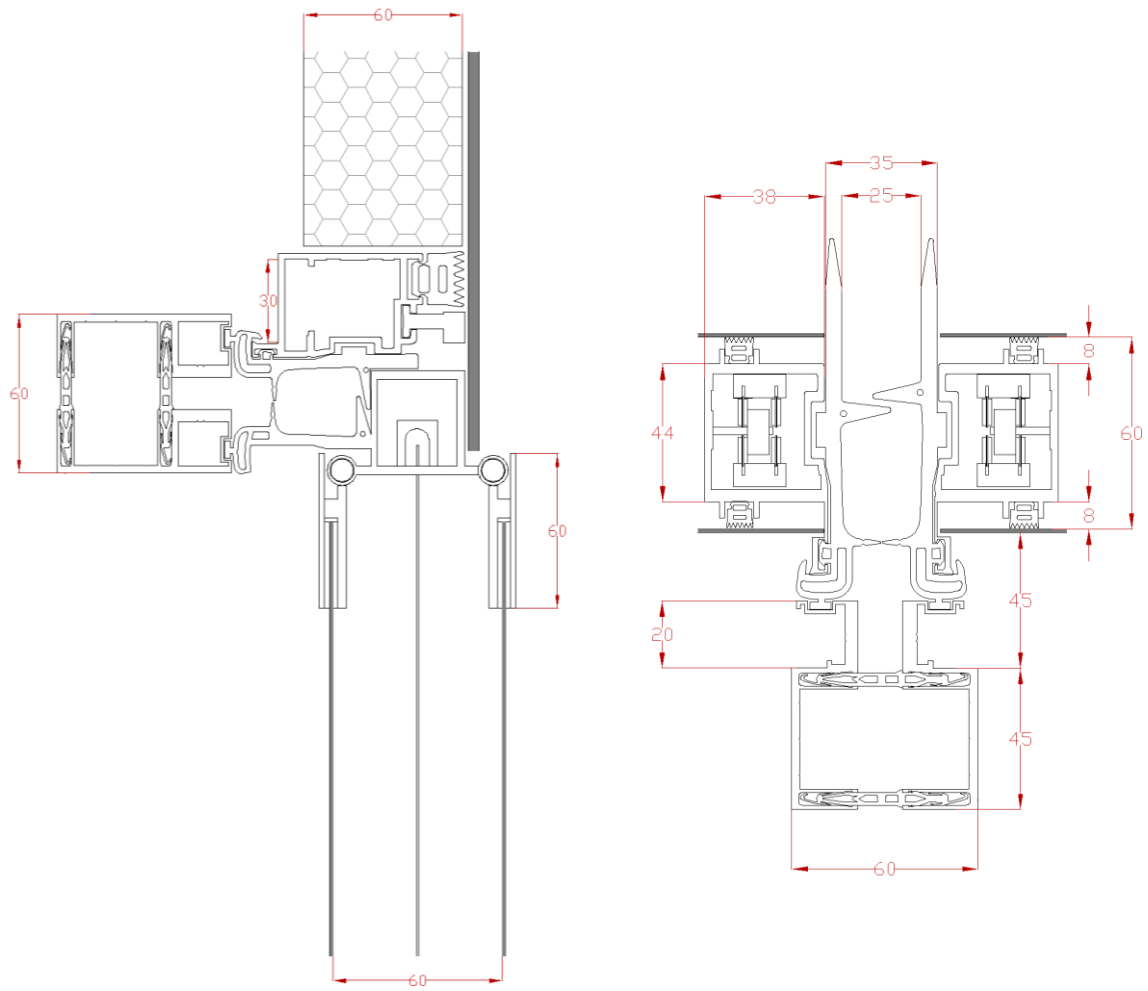


3d view of the proposed profile for unitized façade

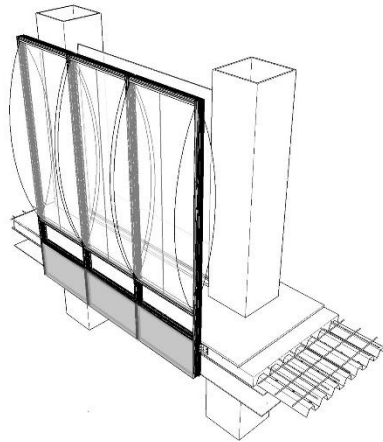
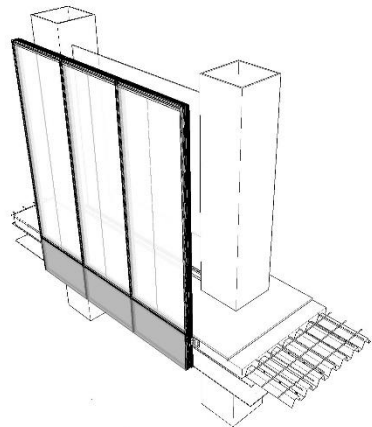
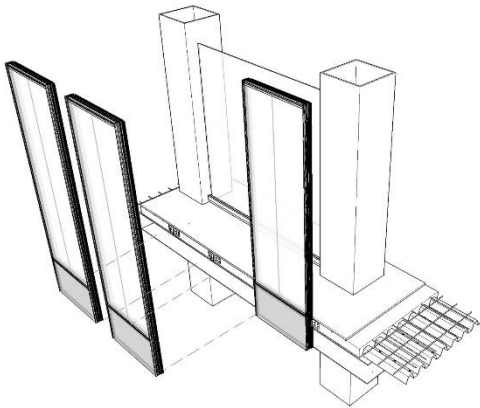
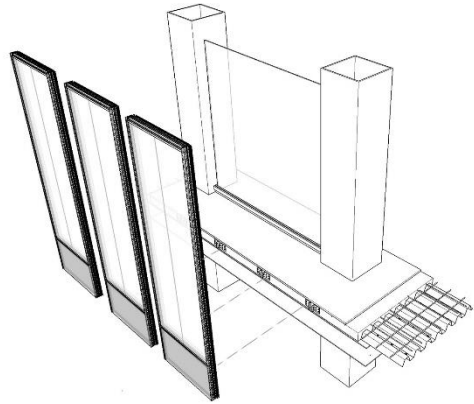
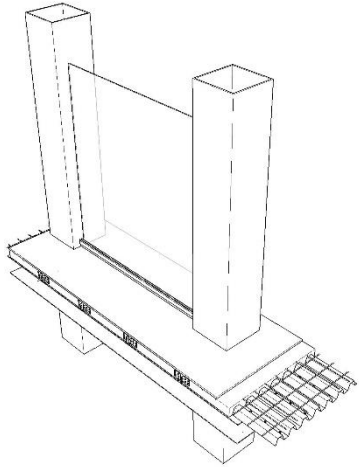


Proposed mullion for unitized façade





Side views of the proposed unitized façade



Assembly process



Current situation of the outside windows vs. proposed situation of exterior windows



Relaxed SMA Situation



Insulated Buffer Zone



Activated SMA Situation



Ventilated Buffer Zone

Proposed Exterior windows in different conditions



Natural Ventilation situation

