

BF8500

BI-FOLDING DOOR



TECHNICAL DATA

BF8500 is a bifolding door system, offering high performance and impressive technical characteristics.



CHARACTERISTICS

GENERAL CHARACTERISTICS:

Alumalco's bifold doors are the perfect solution for added natural light and airflow in your home. With quality aluminum, we are able to reach the highest glass-to-frame ratio, meaning the clearest line of sight on the market today.

Our bifold system has a slender design that can pair itself with any aesthetics and quality hardware, ensuring a quiet and easy operation. We offer a low threshold option for simplified access for all. This system has specially designed rolling hinges that make each panel slide smoothly with minimal effort.

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- Slender aluminum frames
 - Low threshold option
 - Suitable for many different typologies
 - Floating corner opening available
 - Single panel can operate as a door without interrupting the others
 - Specially designed bottom rail rolling hinges
 - Double or triple glazing available



TECHNICAL SPECIFICATIONS

SYSTEM TECHNICAL SPECIFICATIONS:

- Sash width 85 mm
- Rail width 105 mm
- Glass thickness 29-40 mm
- Isolation Polyamides 40 mm



PERFORMANCE SPECIFICATIONS

SYSTEM PERFORMANCE SPECIFICATIONS:

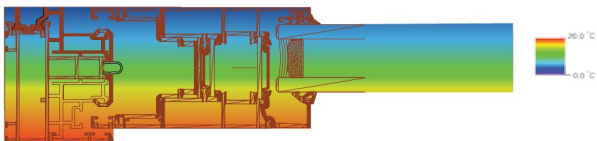
- Air permeability EN 1026, EN12207 - Class 4
- Watertightness EN 1027, EN 12208 - 7A/9A (with subsill)
- Resistance to wind load - Class CW
- Resistance to wind load EN 12210, EN 12211 Class C3/B3



PERFORMANCE SPECIFICATIONS



INSULATION RATE:



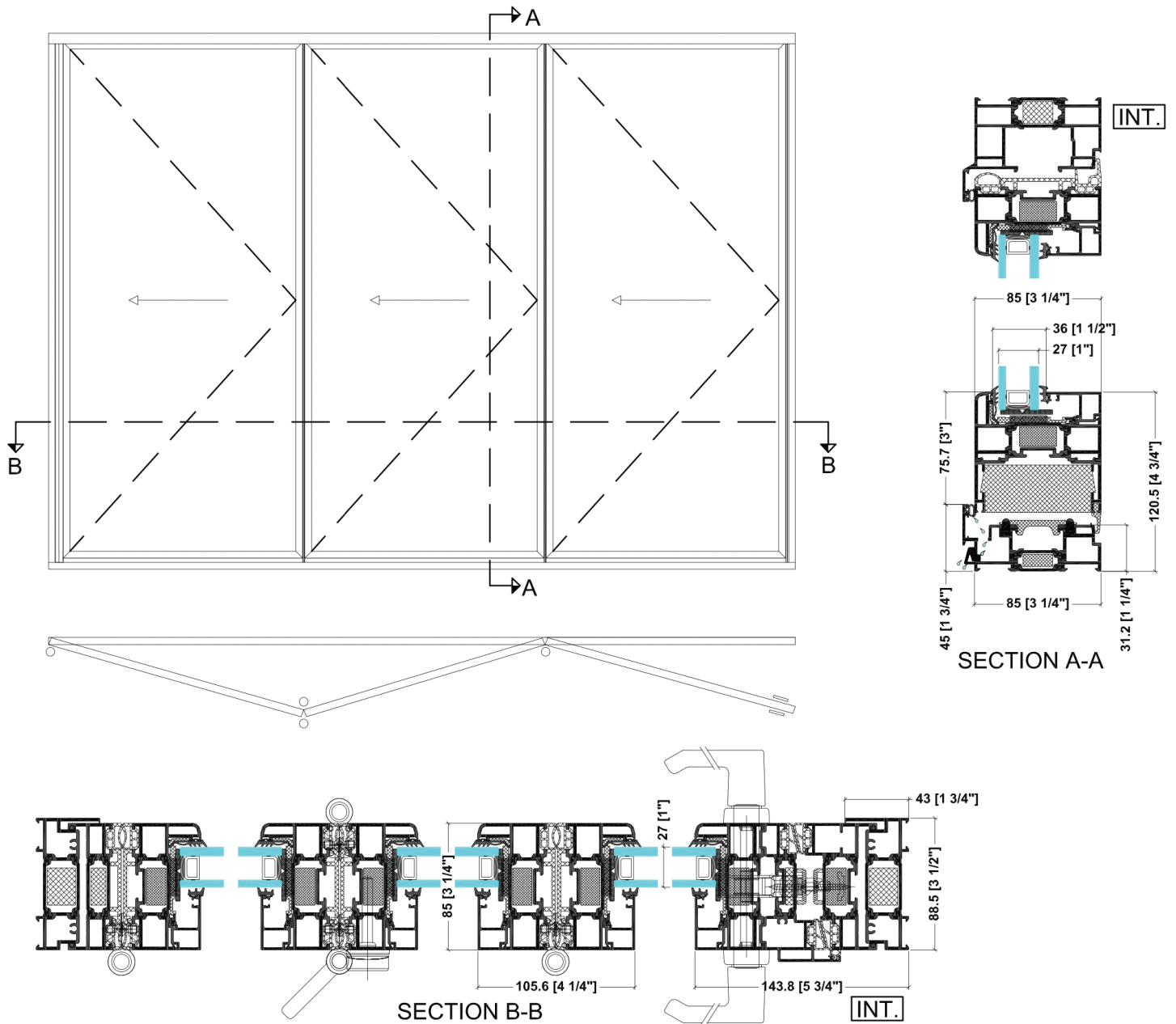
- $U_w = 1.70 \text{ W/m}^2\text{K}$
- Thermal conductivity coefficient has been calculated for construction: 2000 x 2000
- Glass type: 40mm (SKN176#2
6mm-Arg95-PCL 4mm-Arg 95 SKN176#5
6mm)

CERTIFICATION:

- Performance testing in accordance with:
AAMA/WDMA/CSA (NAFS 2011) & A440S1-17

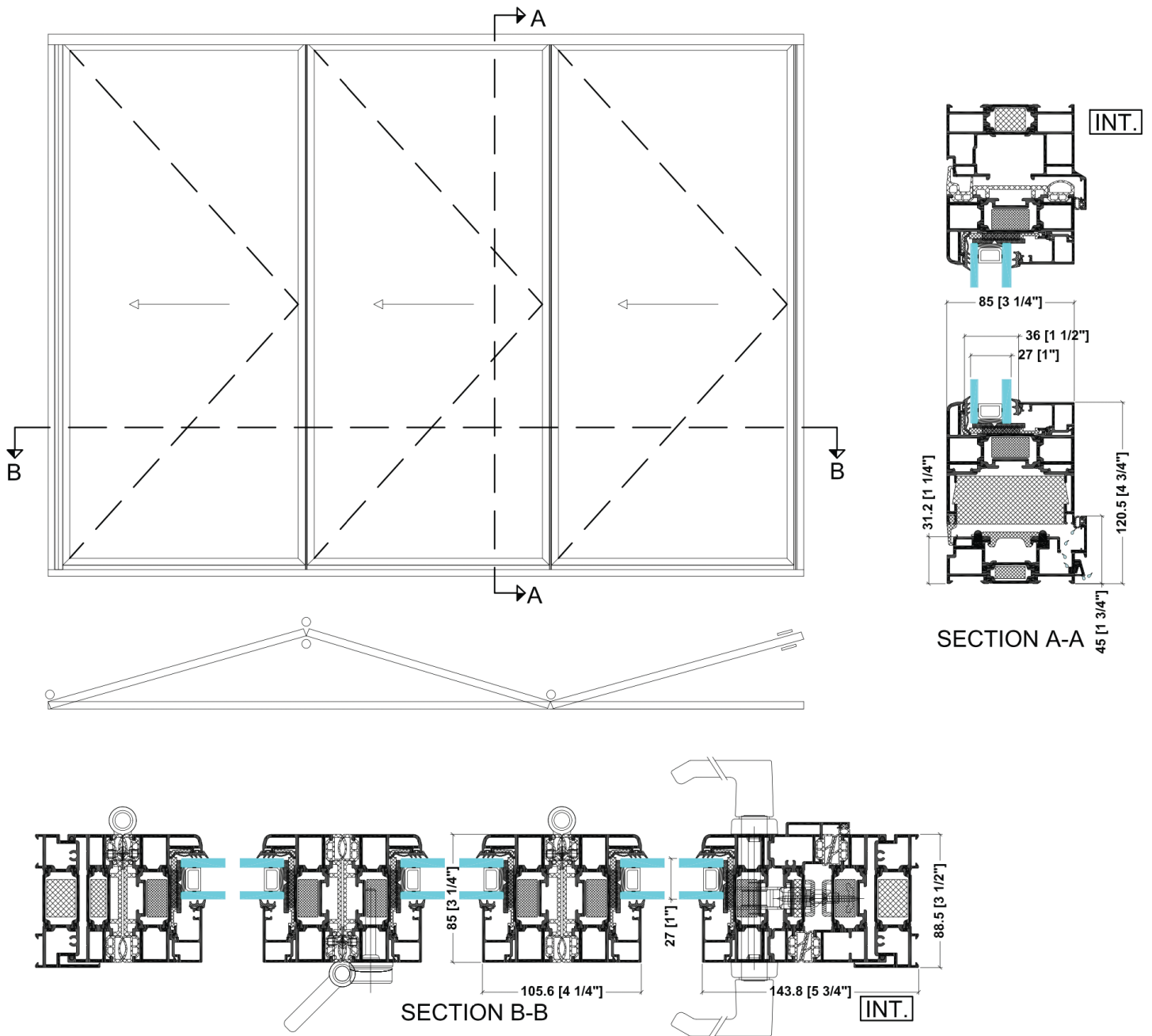


TECHNICAL SKETCHES & SECTION VIEWS

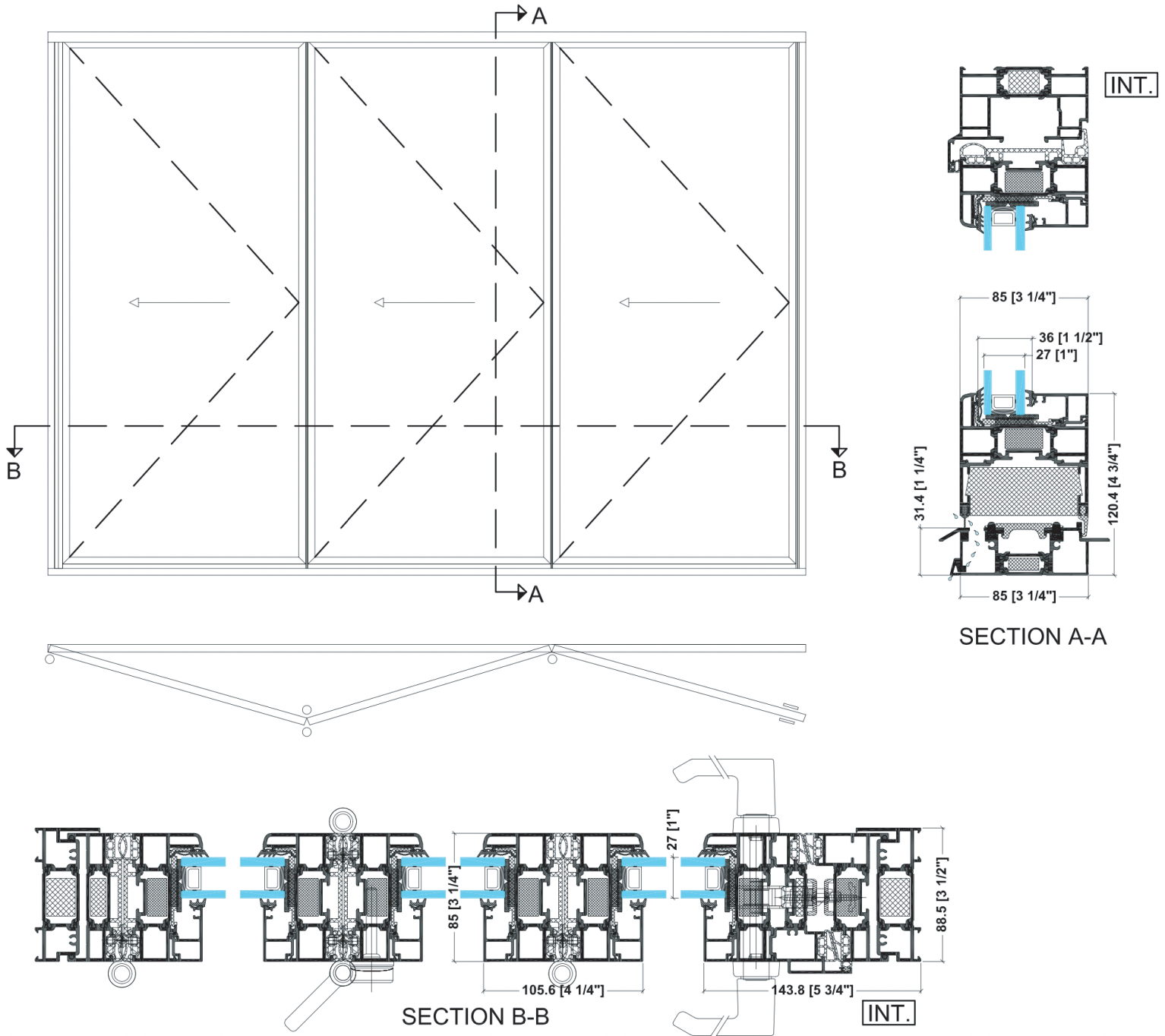


BF8500 - INWARD OPENING - DOUBLE GLAZING

TECHNICAL SKETCHES & SECTION VIEWS

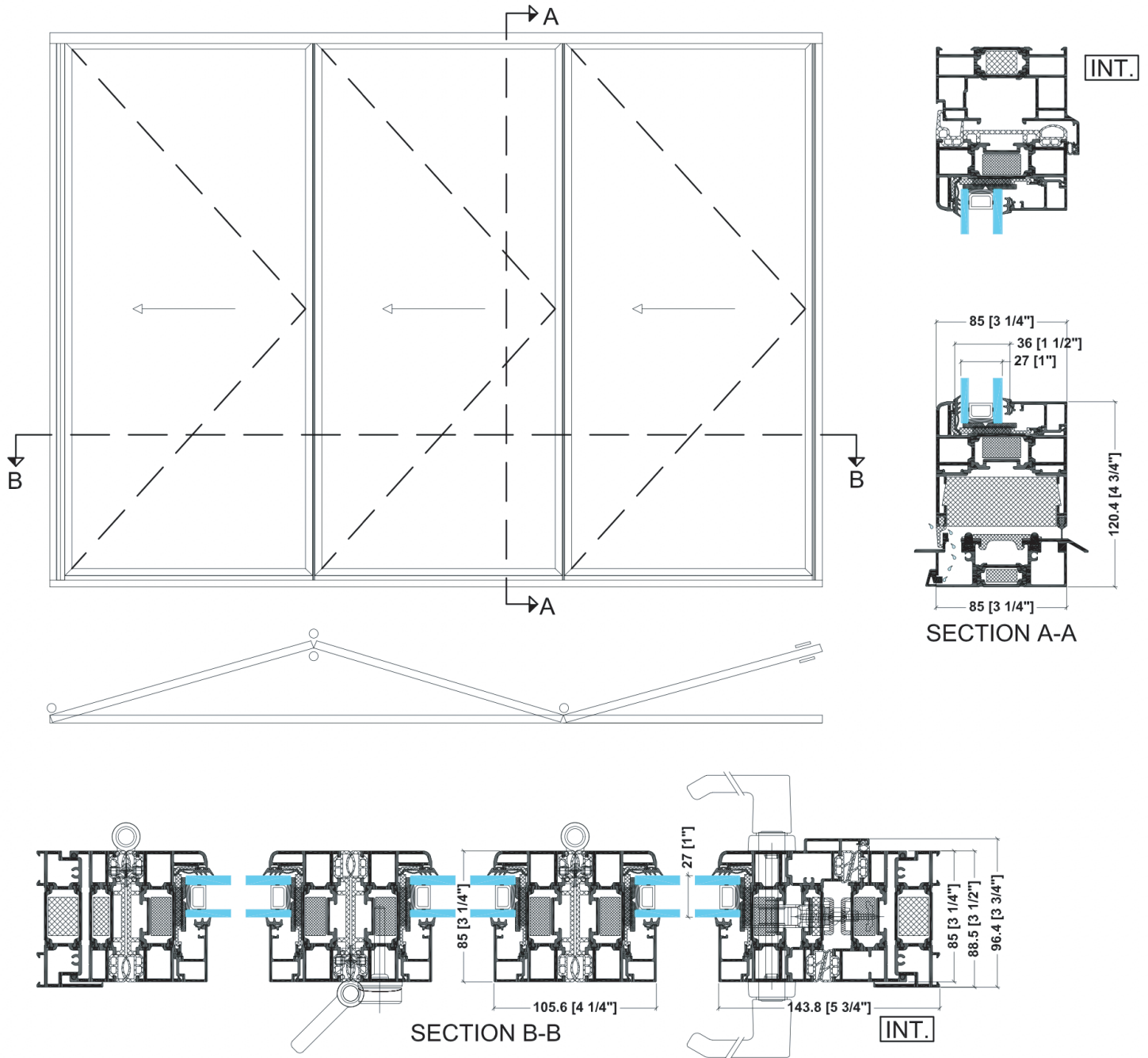


TECHNICAL SKETCHES & SECTION VIEWS



BF8500 - INWARD OPENING - DOUBLE GLAZING + FLUSH RAIL

TECHNICAL SKETCHES & SECTION VIEWS



BF8500 - OUTWARD OPENING - DOUBLE GLAZING + FLUSH RAIL





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