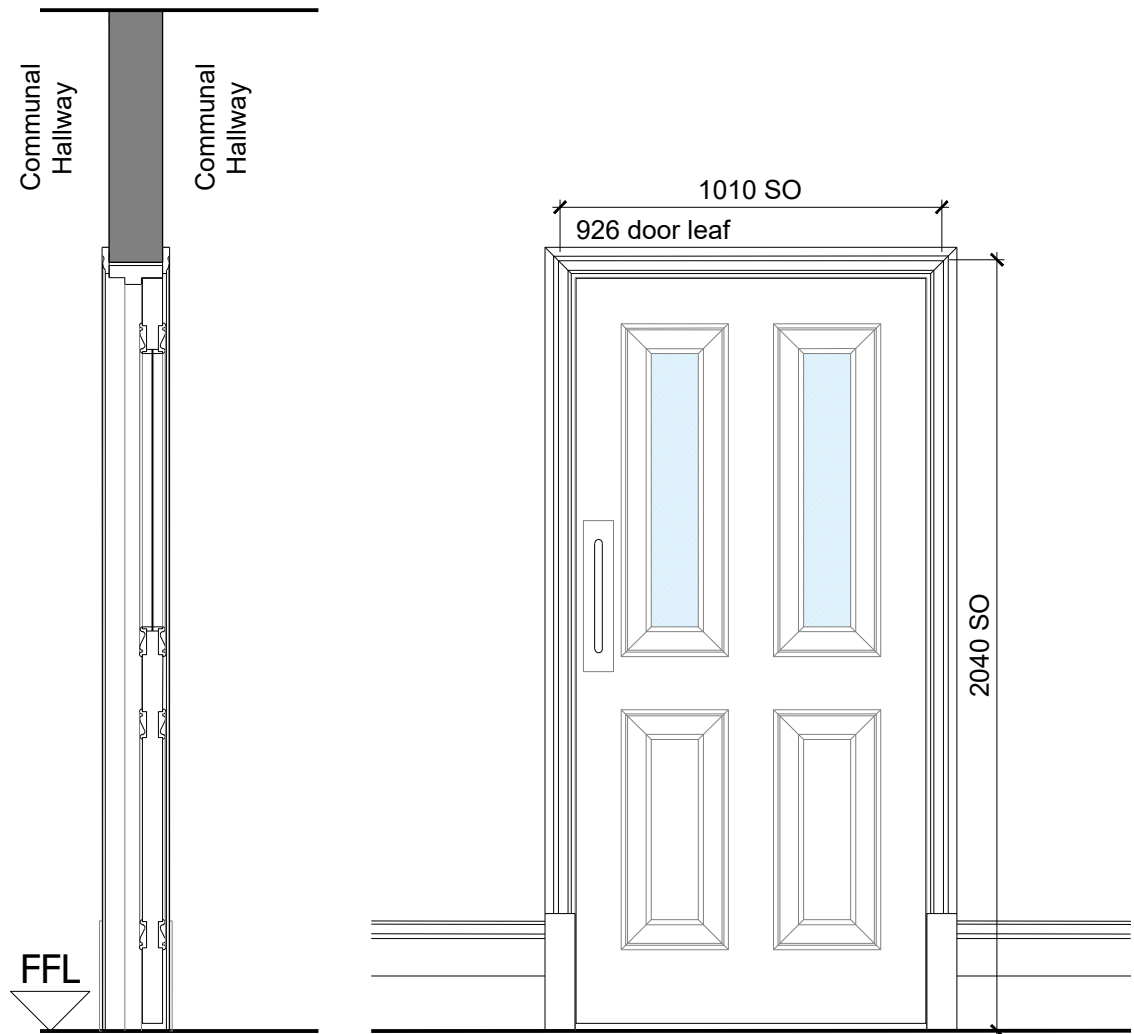
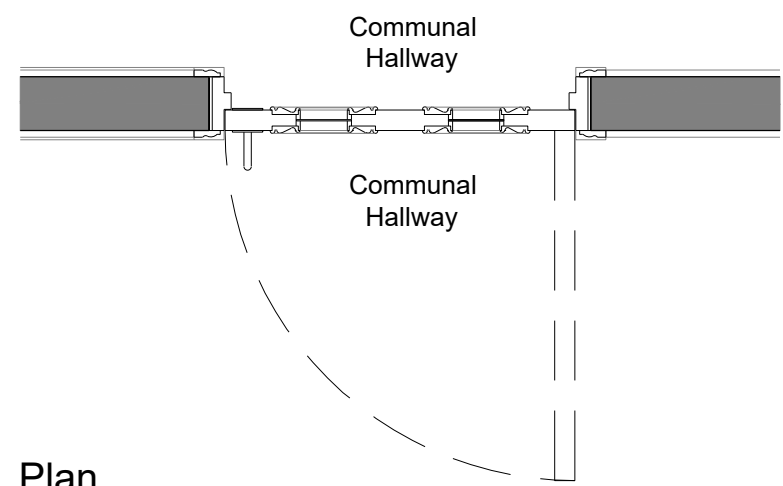




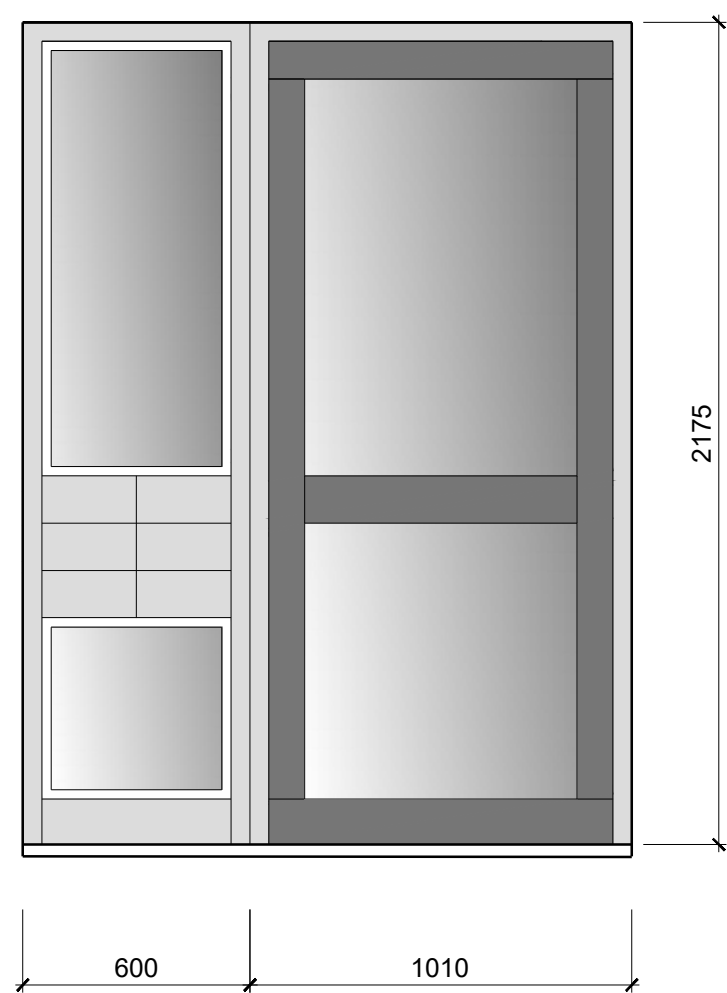
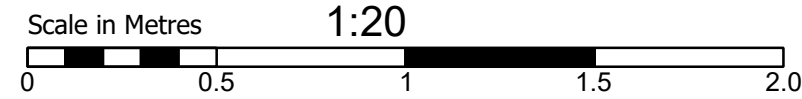
Section  
Elevation



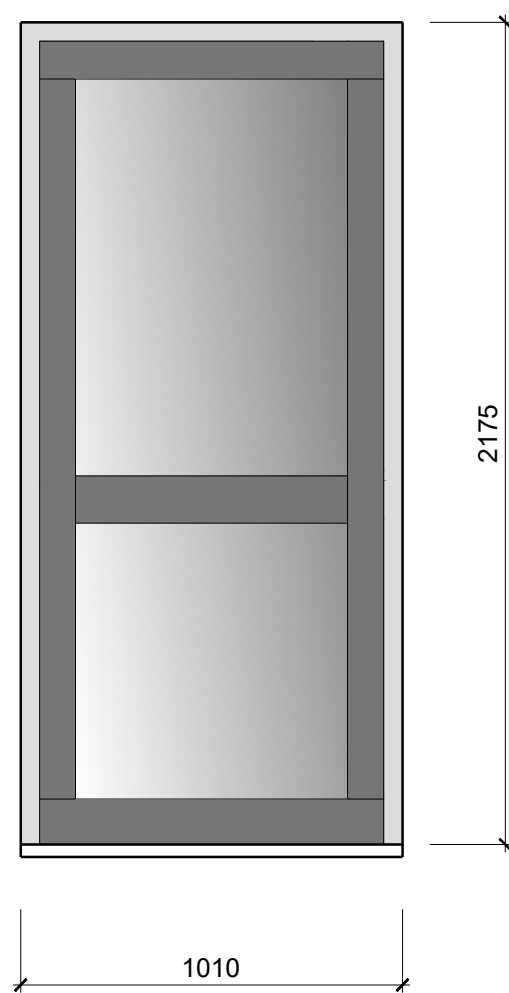
Plan

CDT-01 (Communal Doors)  
Ahmarra Chatsworth 4A.  
Glazed upper panels and solid  
lower panels with Furrow  
Mould 5 (TR05) surround

Door CDT-01  
1:20



Door LGF - ED1 Elevation  
1:20

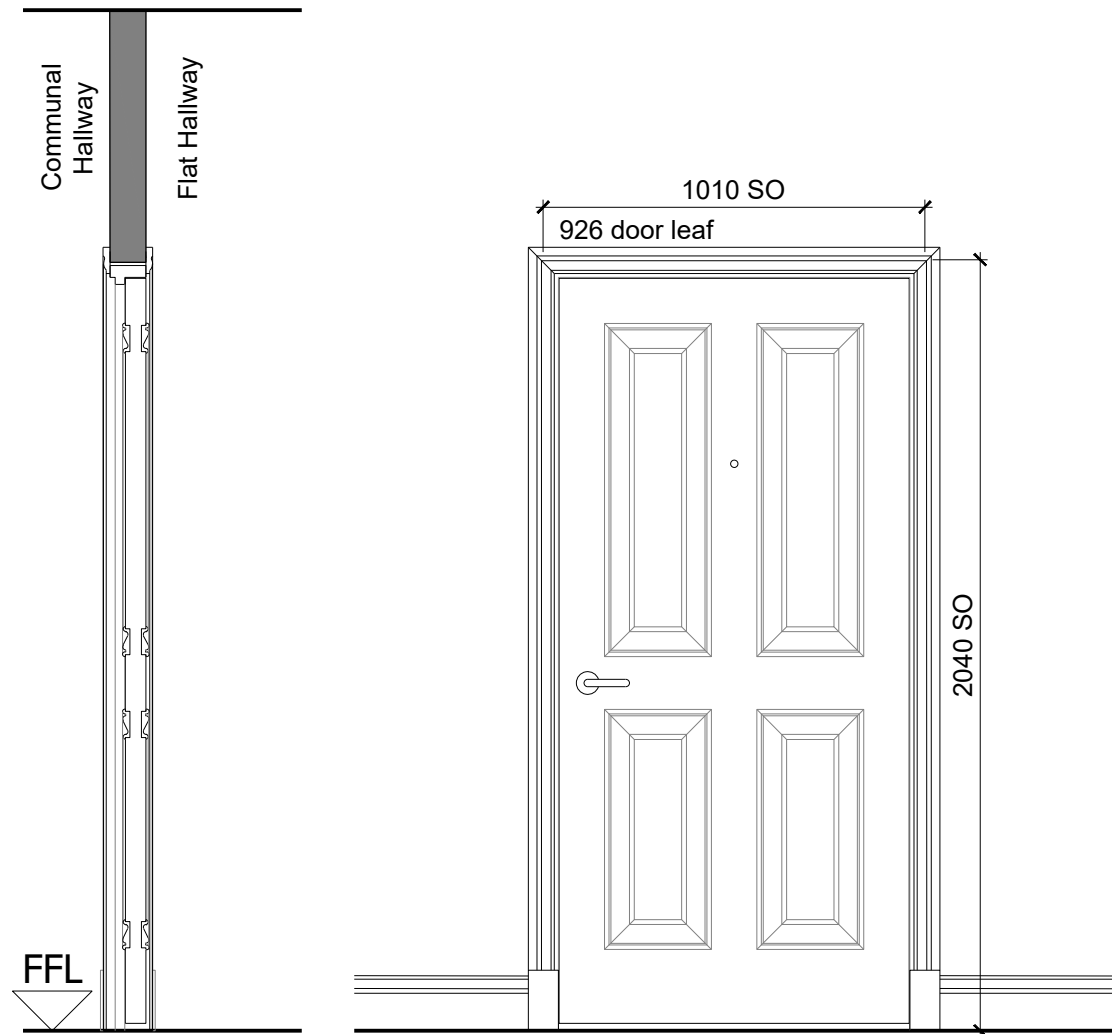


Door B1 - ED1 Elevation  
1:20

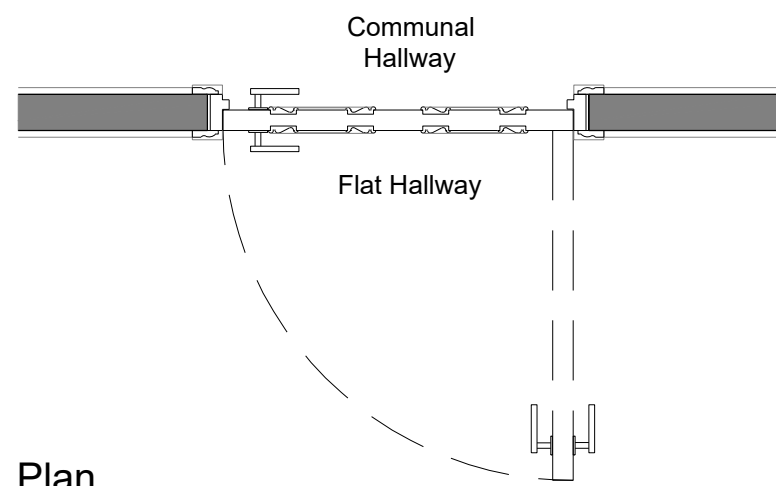
LGF-ED1 and B1 -ED1  
(Entrance Doors)  
Aluminium framed door system  
with double glazed top and  
bottom pane.

LGF-ED1 to have side window  
with 6no. Post Boxes

Colour - Anthracite  
Gray/Goose Grey



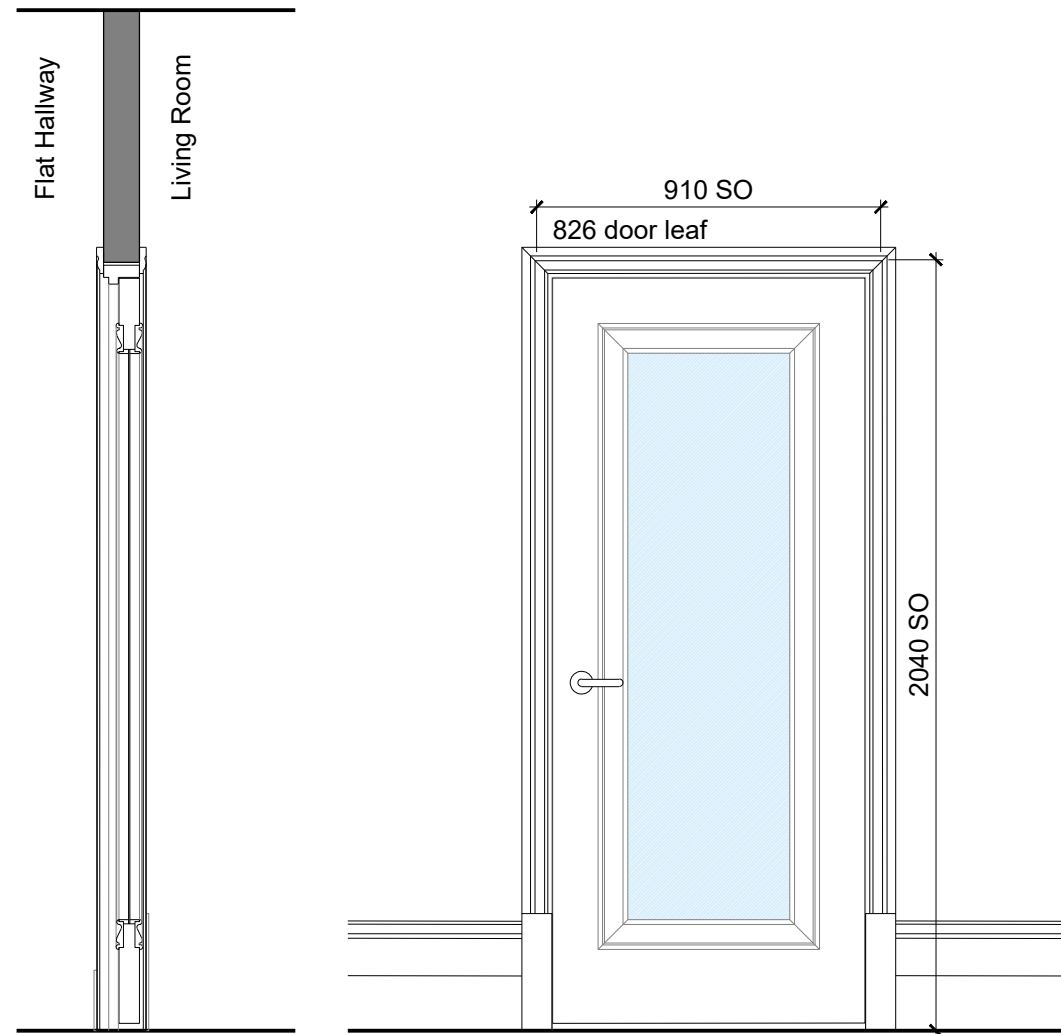
Section  
Elevation



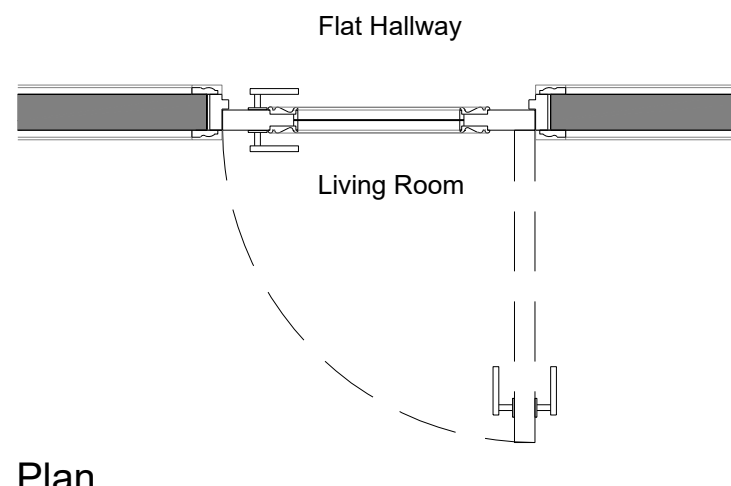
Plan

DT-01 (Front Doors)  
Ahmarra Chatsworth 4A.  
Solid upper and lower  
panels with Furrow Mould 5  
(TR05) surround

Door DT-01  
1:20



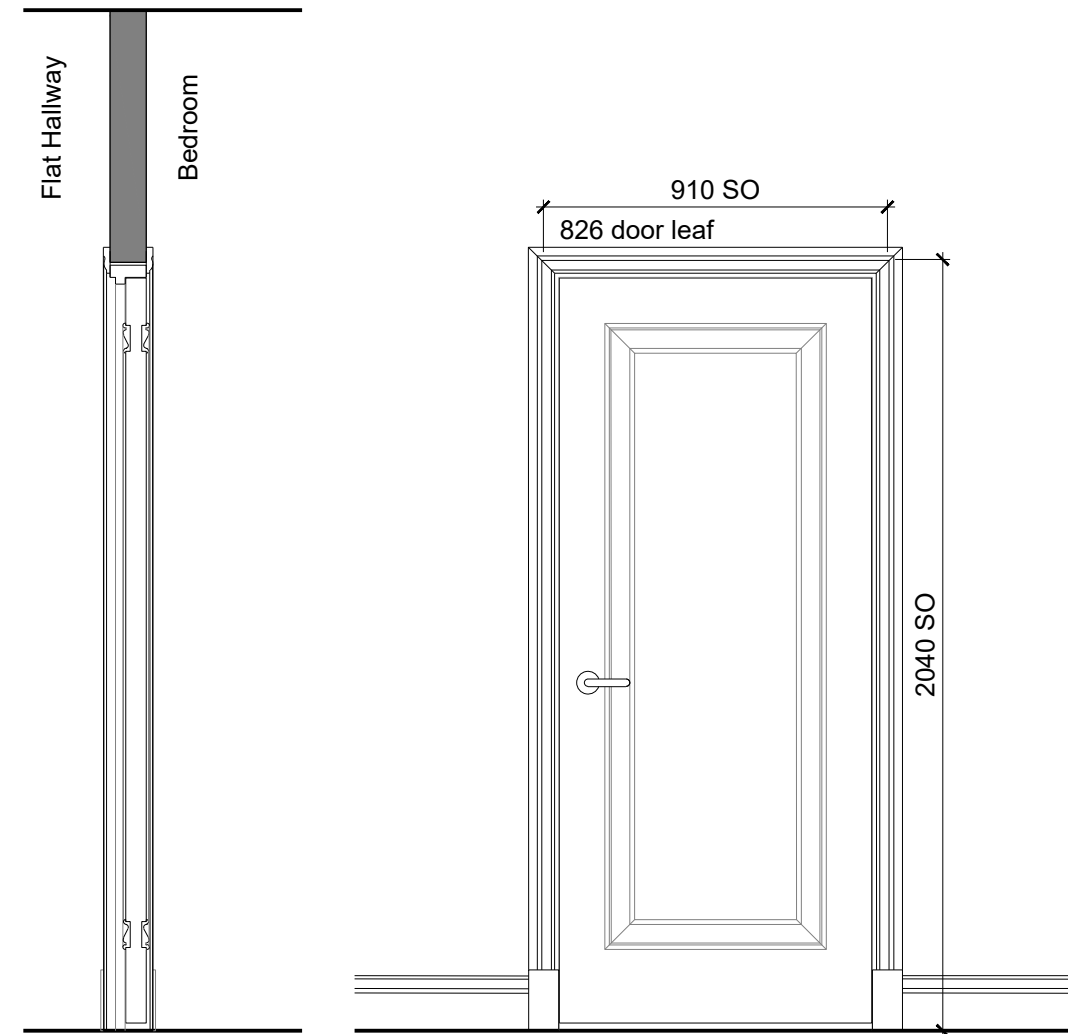
Section  
Elevation



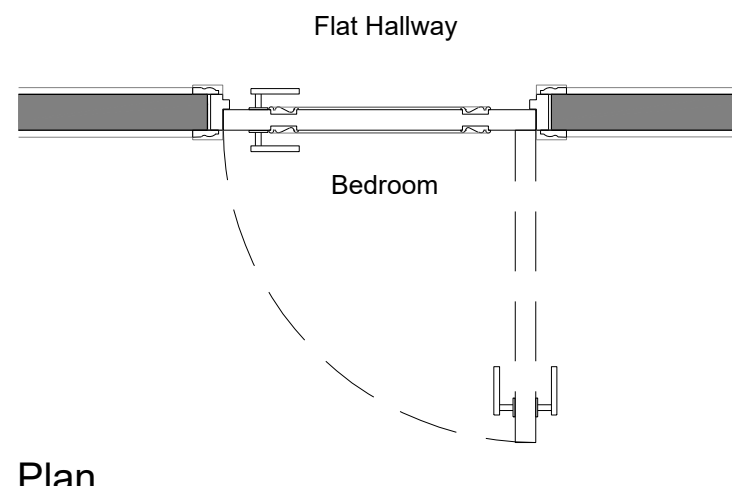
Plan

DT-02 (Living Rooms)  
Ahmarra Blenheim 1A.  
Glazed panel with Furrow  
Mould 5 (TR05) surround

Door DT-02  
1:20



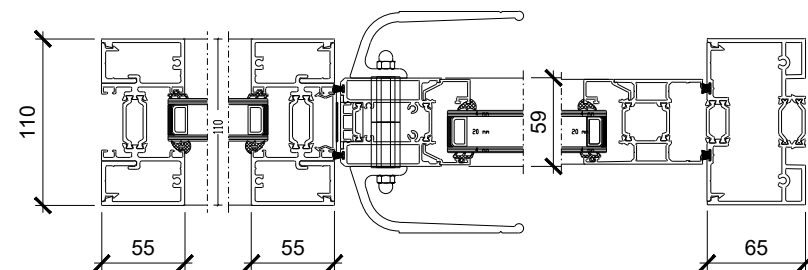
Section  
Elevation



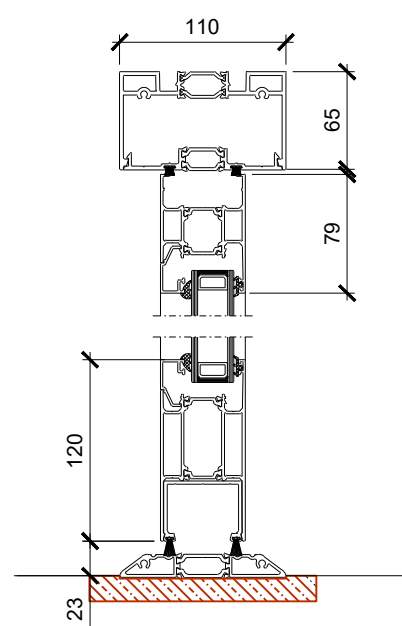
Plan

DT-03 (Bedrooms, bathrooms,  
en suites)  
Ahmarra Blenheim 1A.  
Solid panel with Furrow Mould 5  
(TR05) surround

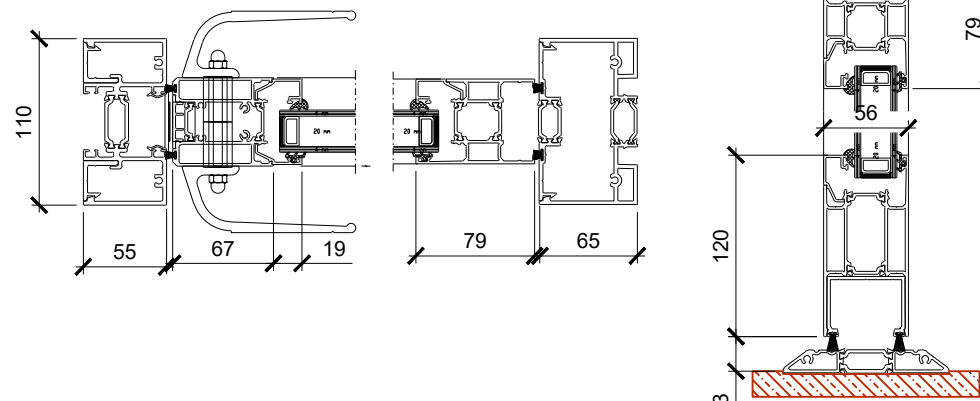
Door DT-03  
1:20



Door LGF - ED1 Jamb and Head/Threshold Detail  
1:10



Door B1 - ED1 Jamb and Head/Threshold Detail  
1:10



Specification AluK (GB) Optio GT55 TB (Thermally Broken) commercial door.

GT55 TB – core specification (manufacturer data)

System / application

Thermally broken aluminium commercial entrance door + screening system for heavy-duty public/commercial use (schools, hospitals, offices, multi-resi, etc.).

Security: tested to PAS 24 and Secured by Design (SBD) across multiple configurations.

Thermal performance (U-values)

Single door (double glazing): 1.9 W/m²K

Double door (double glazing): 1.82 W/m²K

Single door (triple glazing): 1.72 W/m²K

Double door (triple glazing): 1.62 W/m²K

Glazing

Door glazing thickness: 24–40 mm (per current product page technical data).

Datasheet also references 24–31 mm double/triple glazing (often stated for certain configurations).

Dimensions / limits (config dependent)

System depth: 110 mm

Max door leaf weight: 110 kg

Max leaf size: the website lists up to 1250 × 2400 mm (single) and 2500 × 2400 mm (double), while an older PDS PDF shows 1000 × 2180 mm (single) and 2000 × 2180 mm (double)—so treat maximum sizes as hardware / configuration-dependent and follow the latest manual for your exact build-up.

Sightlines / features

Sightlines: 145 mm (single door), 176 mm (double door) (screening noted as 55 mm in the PDS).

Options include anti-finger trap, low threshold (DDA options), mid-rail/lay bar, and mechanical or electro-mechanical locking (incl. panic hardware options)