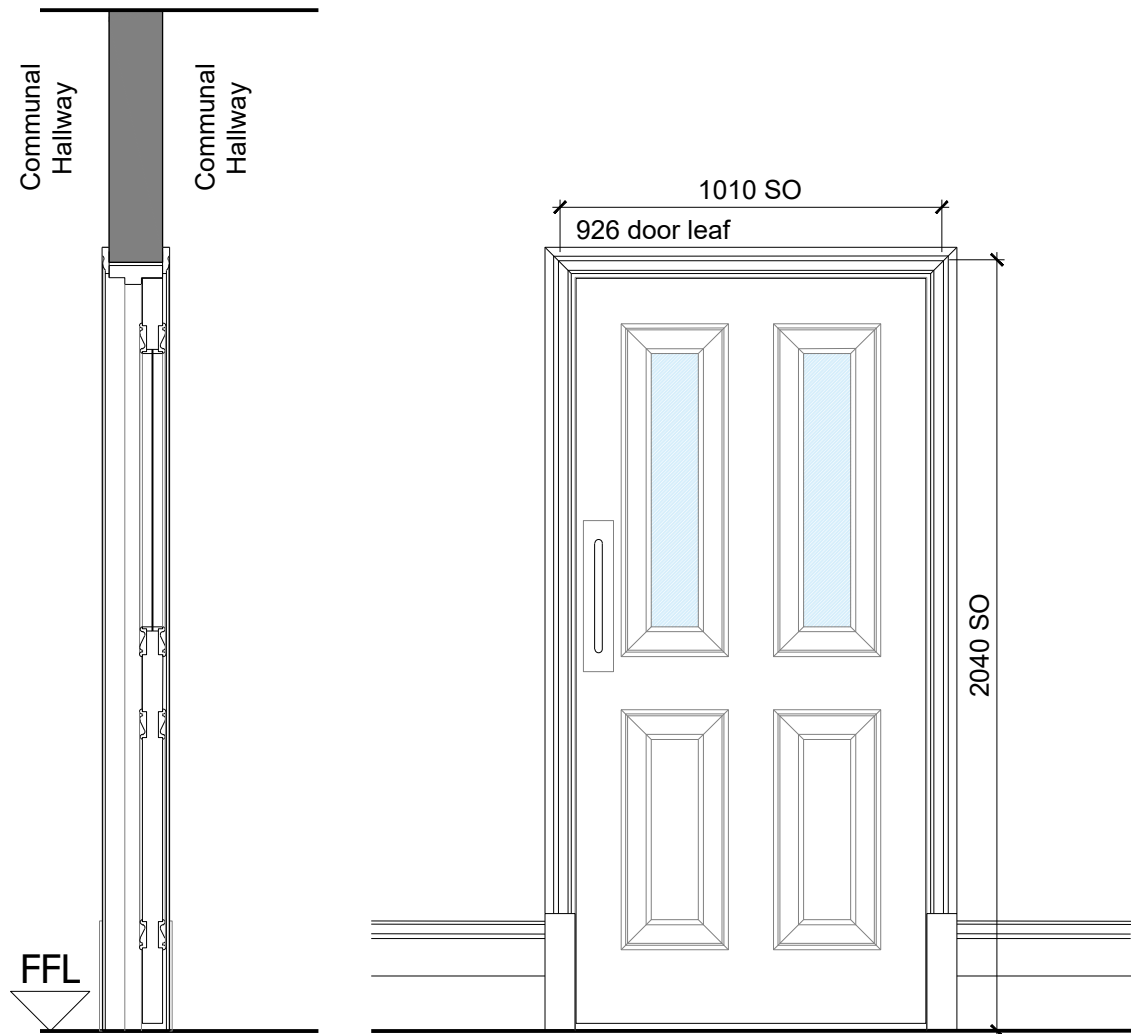
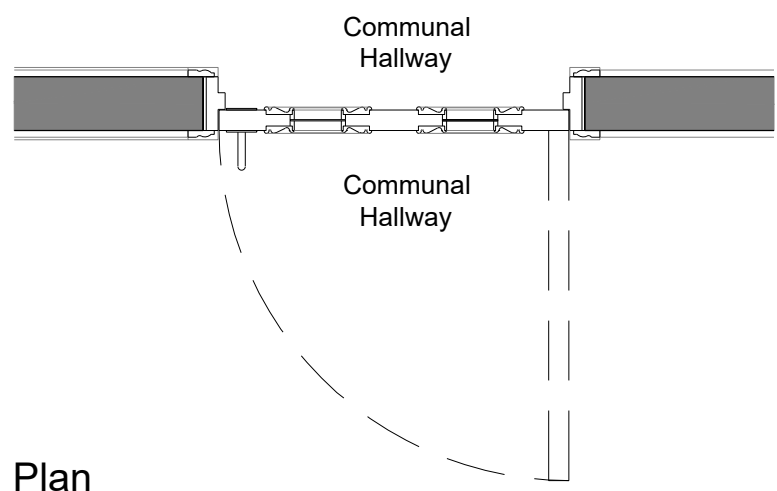




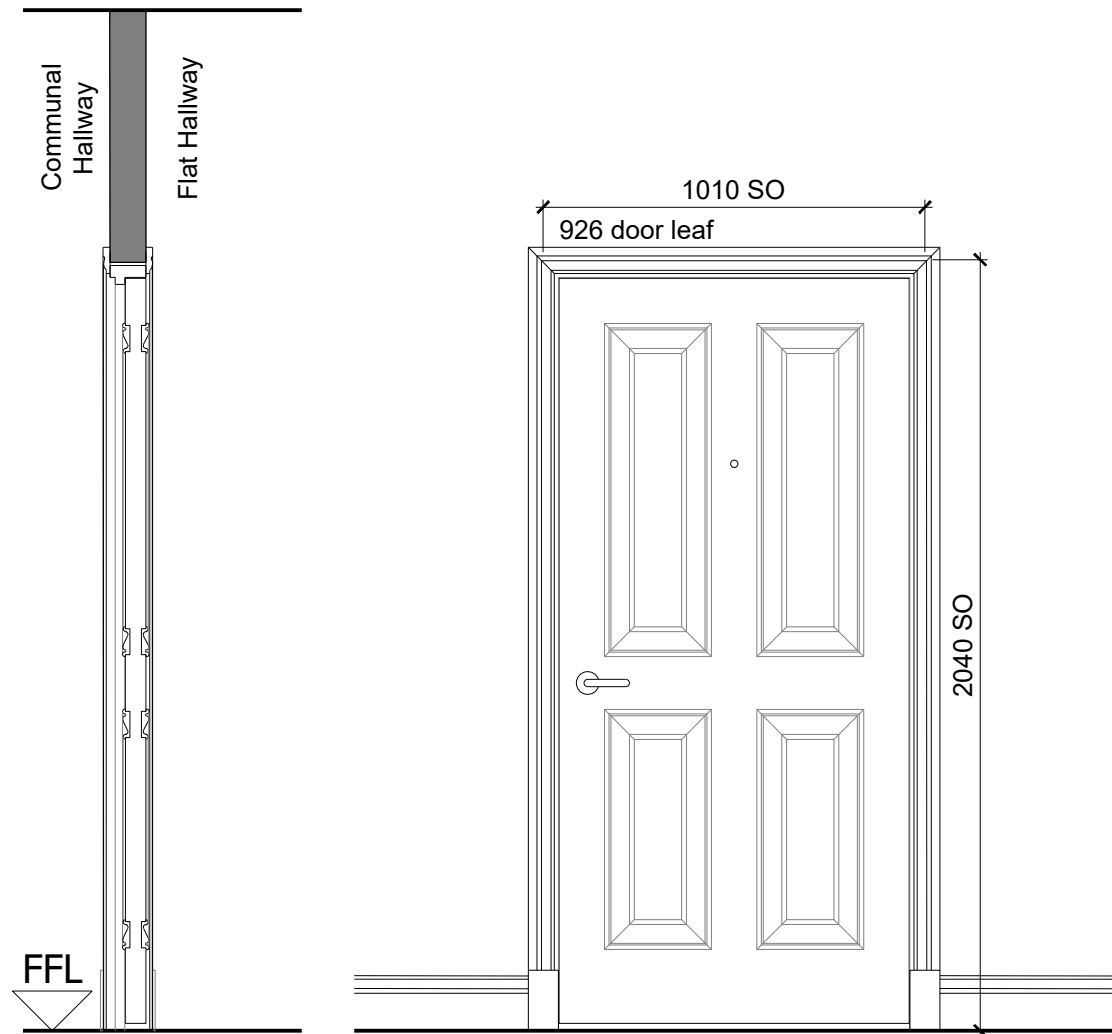
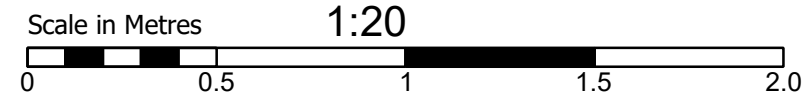
Section
Elevation



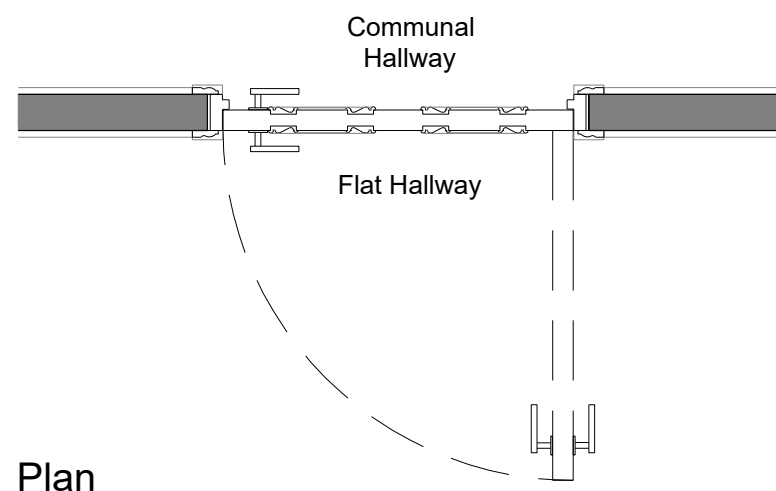
Plan

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



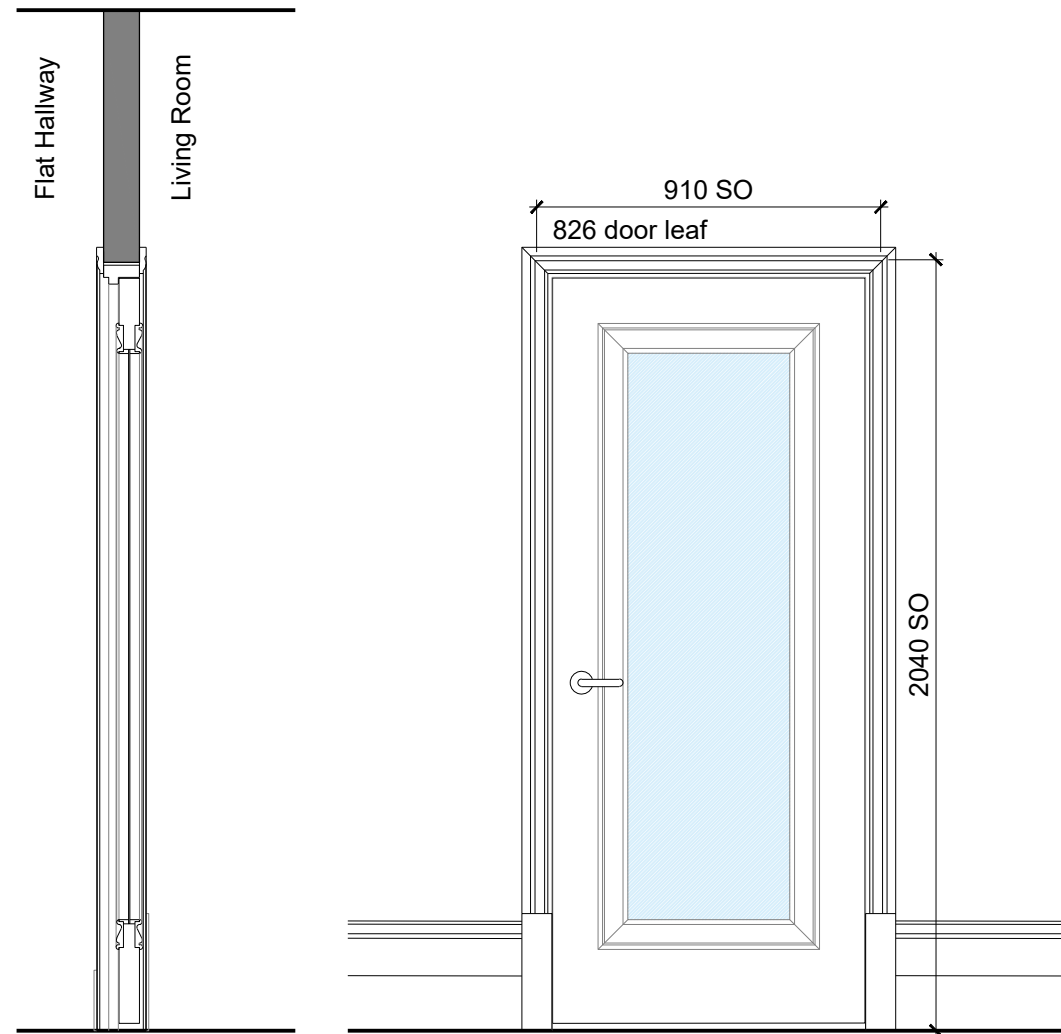
Section
Elevation



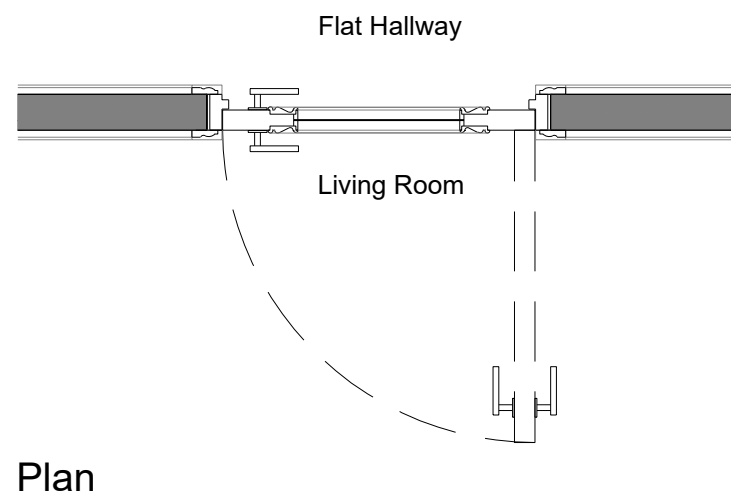
Plan

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

Door DT-01
1:20



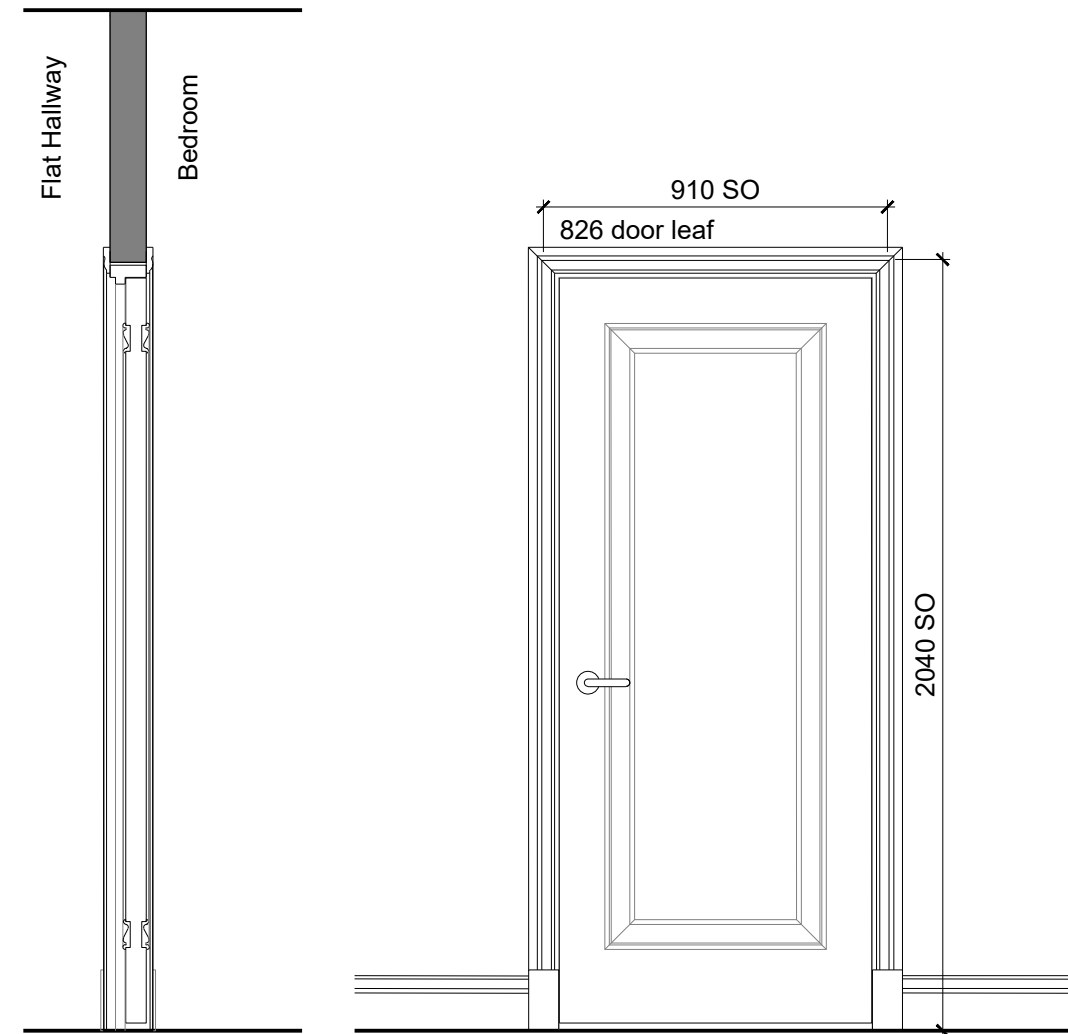
Section
Elevation



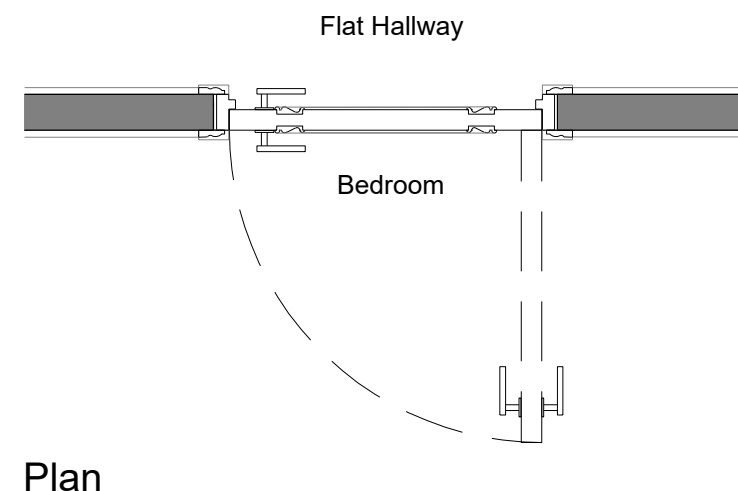
Plan

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

Door DT-02
1:20



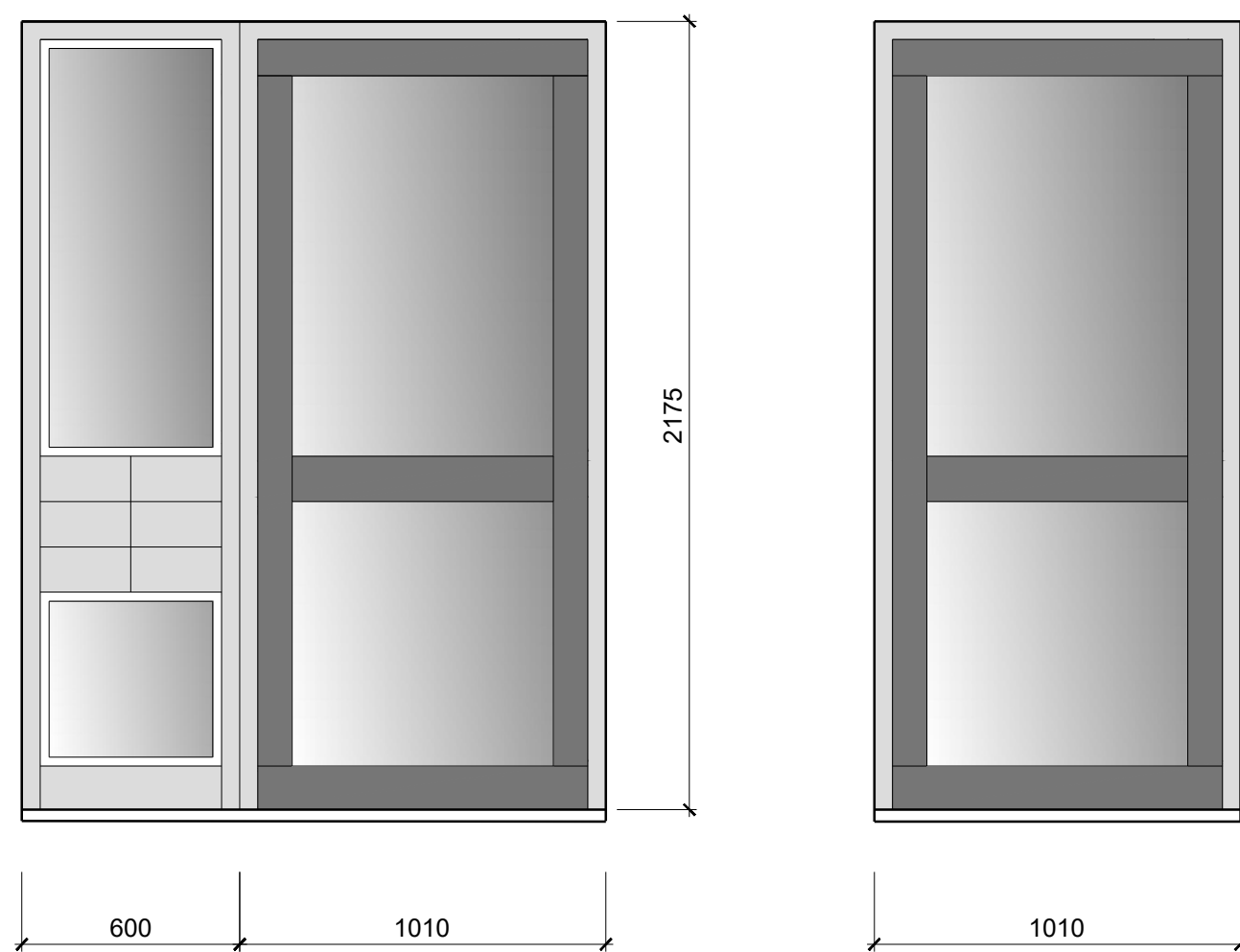
Section
Elevation



Plan

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

Door DT-03
1:20



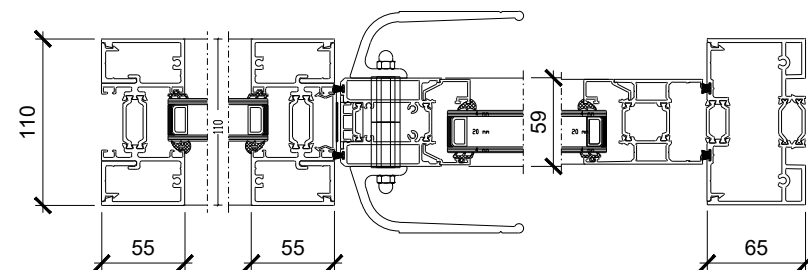
Door LGF - ED1 Elevation
1:20



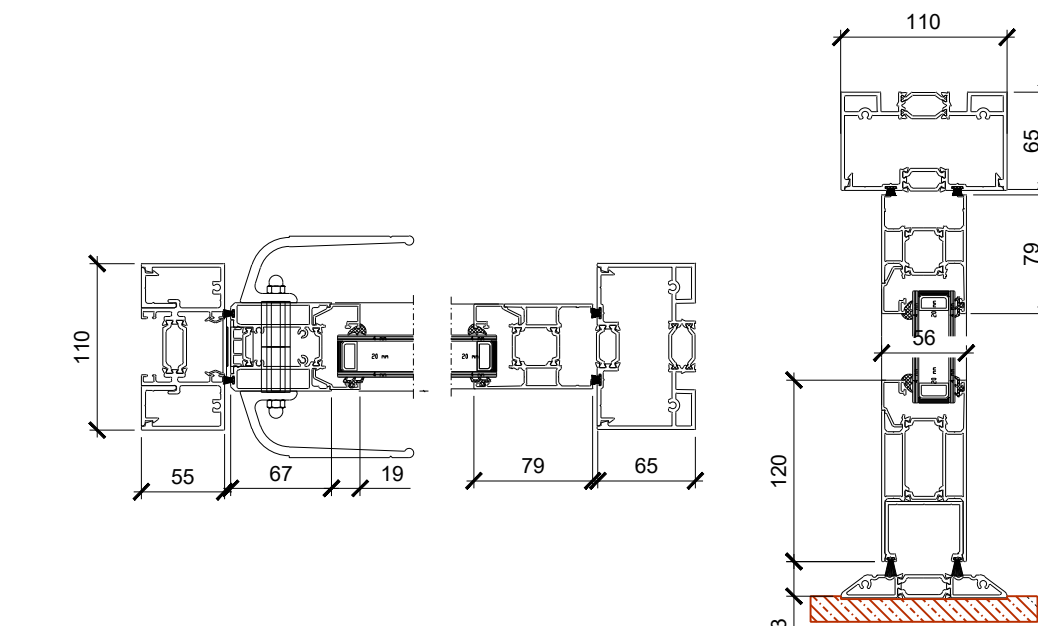
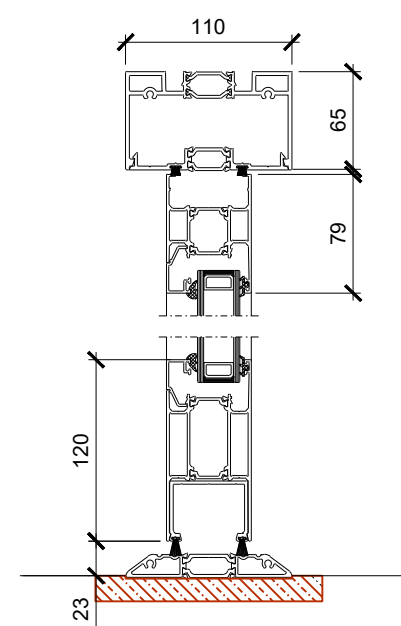
LGF-ED1 and B1 -ED1
(Entrance Doors)
Aluminium framed door system
with double glazed top and
bottom pane.

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

Colour - Anthracite
Gray/Goose Grey



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



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

CONTRACTORS WILL BE HELD RESPONSIBLE FOR TAKING AND CHECKING
ALL CRITICAL DIMENSIONS ON SITE.
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rev	date	amendment	dwn	chkd

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)