

St Andrew's Church Burgess Hill

Main Church – West Door

Planning Statement

Introduction

The proposal is to replace the wooden west doors of the church with glass doors.

Rationale for Replacement

The existing doors are old and let in a lot of draught impacting the church's insulation and hence energy costs. The replacement glass doors will have tight seals and will therefore improve the building's energy efficiency.

The existing doors are opaque and hence the back of the church is relatively dark and unwelcoming. The proposed glass doors will make the area at the back of the church significantly brighter and more welcoming.

The existing doors have a 4cm wooden threshold which is not good for accessibility, the new doors will not have a raised threshold and hence it will be much better for accessibility.

Existing Doors

The existing door opening is 2.4m wide and the doors comprise two equal width oak, side hung, ledge and brace doors. The bottom of the existing doors are feather edge panels and the top of the doors have recessed panels.

Images of the existing doors are attached to the proposal (Existing Door 1.jpg, Existing Door 2.jpg, Existing Door Threshold.jpg).

Replacement Doors

The proposed new doors will comprise a pair of equal width, single glazed, frameless glass doors with glass side panels and glass transom panel installed into a purpose made 100x50mm section stainless steel perimeter frame, to fit into the existing structural opening of 2420mm wide x 2713mm tall.

The doors and fixed side panels will be 100mm tall full width bottom rails, with the rails to the doors housing europrofile cylinder bolt locks. Each door leaf will have a pair of 1200mm tall x 25mm diameter 'D' shaped pull handles. The doors will have weather stripping bonded to the edges of the glass.

The doors will be side hung on hydraulically dampened self-closing hinges, with the facility to hold the doors open at the 90 degree position. All ironmongery and the 100x50mm section frame will be in a stain brushed stainless steel finish.

The doors will be double action, opening inwards and outwards. The doors and fixed side panels will be 13.5mm clear laminated toughened heat soak tested low iron safety glass with a SentryGlas® ionoplast high security interlayer.

A drawing of the new doors is attached to the application (St Andrews Church West Door Drawing.pdf).