

**Project Profile: Place of Worship**



Structural/Civil Engineering  
Flood Risk Assessment  
Highway Engineering

**The Welcome Church (Formerly The Coign Church),  
Woking**

**A multi- team approach was taken for The Welcome Church project which included a new single-storey building, SUDs drainage and car parking design.**

**Client**  
The Welcome Church

The Welcome Church project involved a new single-storey double height building, with a mezzanine floor, to provide worship area, activity hall and additional car parking, as well as alterations of the existing church building. Additional floor space was afforded in its hall through a new lightweight steel framed mezzanine at first floor. An extension was also constructed, creating additional office space for the existing church.

The new building was constructed as a steel frame, with precast concrete ground floor and a lightweight metal deck roof. Portalising the steel frame in one direction afforded the large clear spans desired for 674 people capacity worship area and activity hall.

Due to cohesive soils present on site and mature trees nearby, a suspended ground floor was required for the new building footprint. Insitu concrete over void former was specified to form the raised floor by the entrance. This was supported on the precast concrete slabs forming the suspended ground floor. Stepped shallow pads and strips acted as foundations for the building.

SUDs drainage were incorporated into the design of the private car park through the use of proprietary permeable paving and attenuation tank. This enabled the restriction of surface water discharge into the existing sewers.

