

PROJECT : **STATION BUILDING
GREEN PARK, READING**

Date : 21 June 2019

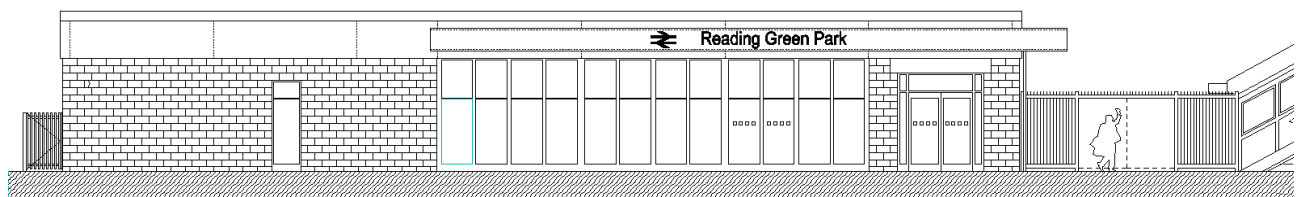
Revision : 1

DESIGN

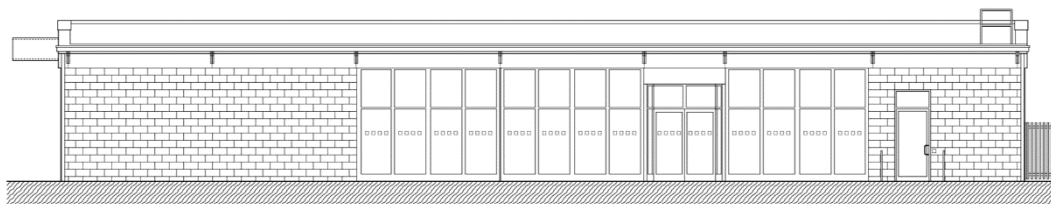
1.00 Images

The proposed materials palette for the station building has been determined by those being proposed within the Green Park Village marketing information produced by St Edward, together with influences derived from the existing commercial sector buildings around the Green Park area.

An impression of the building and the two key elevations are shown below to set the context of the materials schedule that follows.



Main Entrance Elevation



Platform Elevation

2.00 Materials

Station Masonry Walling

A conscious decision to propose a coloured Forticrete fairface 'Bathstone' block was taken in order to give the new station its own identity too, within the landscape context.

It is also proposed that the blockwork coursing be set such that the base course of the blockwork is 75mm below the paving level, with the base course and every 4th course being laid using the 'burnished venezia' finish for the blocks. This finish should assist with stain resistance and the cleaning regime resistance of the concourse and platform at their interface with the building envelope.

Forticrete blocks contain a 20% recycled content to assist with their carbon footprint.



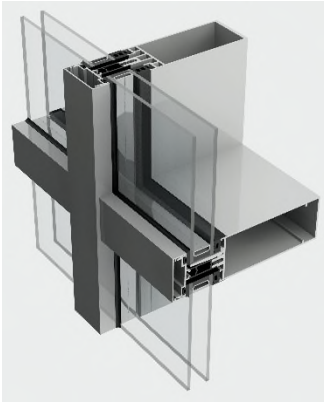
Photograph showing the 'burnished venezia' finish to the Forticrete blocks.

Rainwater downpipes

Square section aluminium downpipes will be utilised all finished in RAL 7035 polyester powder coating.

Glazed Screens & Windows

Curtain walling sections will be used for the fenestration throughout, with a 50mm wide faced metal framing, thermally broken to ensure suitable resistance to heat-loss and avoidance of condensation on the internal sections, the framing will be polyester powder coated to RAL 7035 colour as shown here with clear or slightly tinted safety glass that Low-E coated for thermal performance.



Typical Arrangement



Typical Image for system

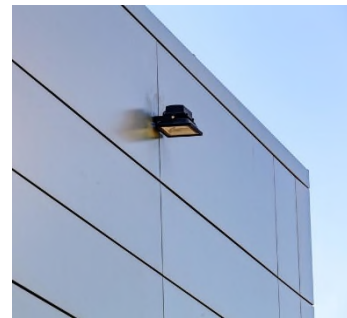


Colour reference

Cladding Panels

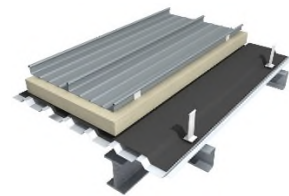
Cladding panels to the upper levels of the elevations will be flat profiled steel facings encapsulating insulation as required, with a polyester powder coated surface to RAL 7035, jointing between panels will be recessed so as to accentuate the panel face.

Across the top of the panels will be a longitudinal capping section that forms the interface between cladding and the roof behind / beyond.



Roofing System

Roofing will be undertaken in a mill finish or stucco embossed Kal-zip standing seam aluminium system, which is suitable for post-construction installation of PV panels if required as well as the necessary fall-arrest safety systems.



Kalzip fall arrest systems

3.00 **Bridge & Staircase**

The bridge and staircase structure will be very similar to the facility at Godalming Station as shown below, with the exception of the blockwork proposed for Green Park being used instead of the brickwork and the panels / windows being RAL 7035 as opposed to that shown below, although the darker band at the head of the wall elements is similar to that proposed for Green Park.



Godalming Bridge & Staircase

4.00 **Fencing**

All fencing proposed for Green Park will be galvanised steel sections (self-finished) as shown in the photograph below.



Safety top fencing