

A.J.S ARCHITECTURE



32 CARR ROAD, BUXTON, SK17 6WF
TEL: 01298 26062

RT MYCOCK SITE. NEW UNIT AT HAPRUR HILL BUSINESS PARK

CONSTRUCTION METHOD STATEMENT

The proposed works relate to the construction of a new steel portal frame unit and yard space to the plot in front of RT Mycocks current operations on the Harpur Hill Business Park in Buxton. The site is to be retained against the upper yard to a new level base with banked landscaping bunding around the perimeter of the site, as indicated on the enclosed drawings.

The building itself will sit adjacent to the retained wall to the upper site and will be accessed via a ramped approach to a level base yard. The building is to be constructed as a light-weight steel portal frame structure to form an open plan 'hanger' space. The base will be of concrete padstones to a ring beam to pick up a base floor construction of 150-200 granulated substrate, membrane, (potential 150 insulation if/where required) and min 150-200 reinforced concrete over. The external wall structure will be a block/cavity/brick structure (built off the ring beam) up to a height of 2100 with an insulated box profile sheet skin to the steel frame above. The insulated box profile sheet skin will then continue to form the roof coverings to z purlins to the steel frame.

As the proposed building sits adjacent to the retained yard above to a new level yard base (itself a granulated substrate base to membrane with 150-200 tamped concrete over), the steel portal frame will sit on stable ground and as such the frame is assumed to be supported from and bolted to ground bearing pads – assumed 900x300 (deep) concrete with concrete ground bearing ring beam to the base floor. The structure is thus not intended to require any on site piling works thereto, and the very nature of portal frame buildings is they sit on shallow 'foundation' types, thus minimizing the need for any deep ground works to site.

Email: ajsarchitecture@sky.com
Mobile: 07794400237