

**PROPOSED SUB STATION AND ELECTRICAL SWITHCROOM
FOR GLASS RECYCLING (UK) LTD
CARLTON ROAD/MIDDLEWOODS WAY, BARNSELY
DESIGN & ACCESS STATEMENT**



REF: 1012-3A

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General:

This Design and Access Statement is to be read in conjunction with TP Architecture drawings numbered:

- 1014.016 Site layout (1:200)
- 1014.017 Site layout (1:500)
- 1014.018 Proposed floor plan and elevations
- 1014.019 Location plan

The site:

The site is located approximately 2 miles north east of Barnsley town centre just off the A61 between Barnsley and Wakefield. The site forms part of the land on which Glass Recycling (UK) Ltd are currently constructing a new processing plant as an extension to their existing operation, which fronts Carlton Road and has been established for a number of years.

The proposals:

The proposal is to construct a new electrical sub station and electrical switchroom to serve the new plant, currently under construction. The existing electrical service into the site is inadequate to serve the new plant. Thus there is a need to construct a new sub station, which will serve the new building. This will be tied into the local electricity network and will be constructed to suit the requirements of the local electrical company, CE Electric UK at this moment in time. To serve the new building, the client also requires space for their own electrical switchgear and the proposal includes for building a new switchroom alongside the sub station, as part of a single new building. CE Electric UK have confirmed that they are satisfied with this arrangement.

The new building is modest in size and will only really be visible from within the site itself. It will be a single storey enclosure of approx 2400mm high, constructed in fair-faced concrete walling with a colour coated profiled metal roof. Both materials are consistent with what is proposed for the new processing plant.

The building will be situated alongside the proposed car parking spaces, which will enable safe access to be provided to both buildings away from the main vehicular circulation routes in and around the site. Access to the buildings will only be very occasional and then only by a limited number of trained personnel.

Summary:

The building which is modest in size, will be barely noticeable from beyond the confines of the development site. It is a fundamental requirement of the proposed processing plant, which cannot operate without the construction of this sub station and switchroom.