

BEEVOR COURT

INSTALLATION OF SUB-STATION AND 650 kVA STANDBY GENERATOR

DESIGN AND ACCESS STATEMENT

It is a requirement of the new tenant 'Bull TCL' at Beevor Court to have the capacity of the electrical supply increased in the existing building and to have the security of a standby generator to compensate for the loss of the incoming electrical supply. The sub-station and generator are an integrated package for the new computer operations centre.

All locations have been considered for the siting of the equipment and the only practical position are as shown on the attached photographs and drawing.

The substation shall be constructed in accordance with 'CE Electric UK' as shown on their attached drawing No. SD.02.110 measuring approximately 4mx4mx3m high built in brick and accessed from the highway.

The dimensions of the generator are 6400mm long, 2438mm wide and 2889mm tall with an 1800mm clearance around the machine for maintenance access and health and safety requirements. A 1.2 metre high safety barrier constructed of 60.3mm circular hollow steel section and consisting of one top rail and one mid height rail fixed into C35 concrete will be installed to protect the generator from the movement of vehicles. The generator will be accessed from the private car park.

The proposed colour of the machine and barrier is light moss green RAL 6005.