



152x152x37 UC with 10thk end plate

150x90x24 PFC with 150x175x10thk cap plate welded with 6mm CFW. Connect UC and PFC with 4No M16 bolts, grade 8.8

150x175x10thk base plate welded to PFC with 6mm CFW. Fix to top flange of 152x152x37 UC under using 4No M16 bolts, grade 8.8

152x152x37 UC. Break out existing corbel footing locally to make room for UC, which is to be fixed to concrete footing using M16 resin anchors at 1.0m c/c. UC to be concrete-encased once connections have been made.

Provide 500wide x 450deep trench footing. Use 25mm drypack between edge of concrete and existing corbel footing

Ellis & Moore LLP
CONSULTING ENGINEERS

9th Floor, Hill House,
17 Highgate Hill,
London N19 5NA

Tel: 020 7281 4821 Fax: 020 7263 6613

Project

FREDERICK STREET / AMPTON STREET

Title

SECTION A-A

Scale

Date

Drawing No.

SK10