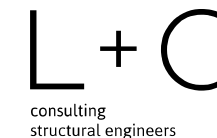


Project Academic House					
Title Deck opening for riser at roof level					
Project No 40716	Sheet No SK02	By FA	Date 24/04/17	Chk	Date

GENERAL NOTES

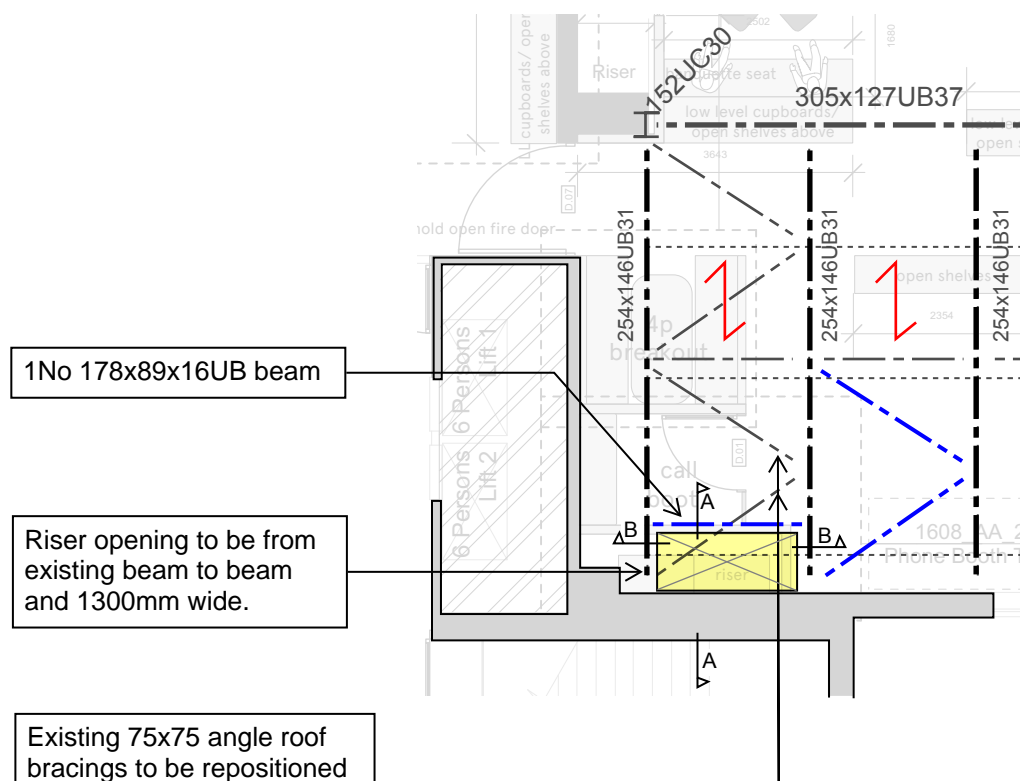
1. Do NOT scale from this drawing.
2. All steelwork to be grade S275
3. Drawing to be printed in **colour**.



Lucking & Clark LLP
31 Cowcross Street
London, EC1M 6DQ

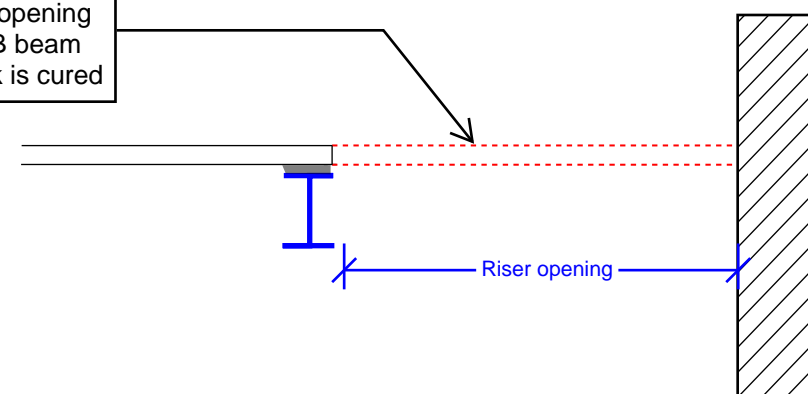
Tel. 020 7336 8986

info@LCengineers.co.uk
www.LCengineers.co.uk

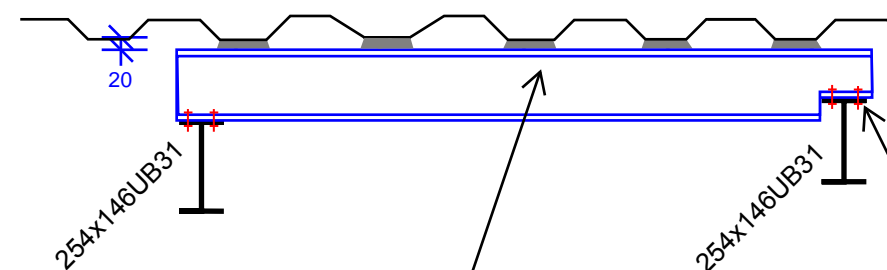


Roof part plan

Cut and remove the roof metal deck to create the riser opening once the trimmer 178UB beam is installed and dry pack is cured



Section A-A



Notch to suit the existing gap between the existing beam & roof deck allowing for 20 mm dry pack and 12mm thick steel plate bolted to the existing beam flange with 4No M12(8.8) bolts

1No 178x89x16UB beam fixed to the existing steel beams with 4No M12 (8.8) bolts at each end. Allow for 20mm non-compressible dry pack (Fosroc conbextra GP) between the deck roof and top beam.

Section B-B

Sequence of works

1. Remove the existing 2No angle bracing and install them on the adjacent bay.
2. Install the new 178UB beam as shown on section A & B.
- 3 Cut the existing roof deck to create the riser opening.