

ALL BEAM LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR

THIS DRAWING IS TO BE READ
IN CONJUNCTION WITH ALL
OTHER PROJECT DOCUMENTS
AND ANY DISCREPANCIES ARE
TO BE REPORTED TO THE
ENGINEER BEFORE ANY WORK
PROGRESSES.

CDM 2015 NOTE:

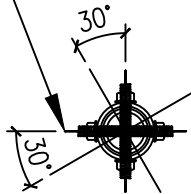
THIS DRAWING CONTAINS NO
UNIQUE, IDENTIFIED OR
FORESEEABLE HAZARDS AND
OR RISKS THAT A COMPETENT
CONTRACTOR WOULDN'T
FORESEE OR ENVISAGE.

THIS DRAWING IS ONLY ISSUED
FOR USE BY A LEGALLY
COMPETENT CONTRACTOR.

FOR DOMESTIC CLIENTS THE
CONTRACTOR IS RESPONSIBLE
FOR UNDERTAKING ALL THE
CLIENT DUTIES AS STIPULATED
UNDER THE CDM REGULATIONS
2015.

4No LINDAPTER type A
clamps with M16 8.8 bolts in
conjunction with connecting
plate fitted to the bottom
flange of the existing
762x267x147kg UB.

Horizontally slotted holes in
76.1x5.0 CHS are to allow
30 degrees of rotation
from the existing beam
centreline to the alignment
of the supported PFC.



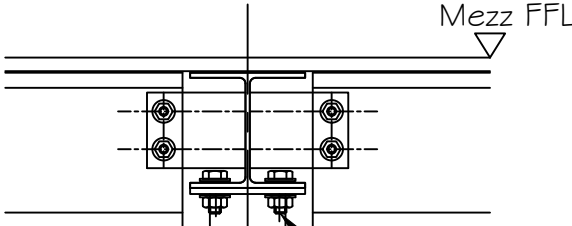
SECTION B - B

150 long section of
76.1x5.0 CHS welded 6
fillet full profile to the
connecting plate. 4No
M12 8.8 bolts fitted
cruciform style in
horizontally slotted holes
allowing up to 30
degrees rotation.

60.3x5.0 CHS welded 6
fillet full profile to 12 thick
base plate. 2No M16 bolts
required to secure CHS
baseplate to top flange of
230x75 PFC as shown.

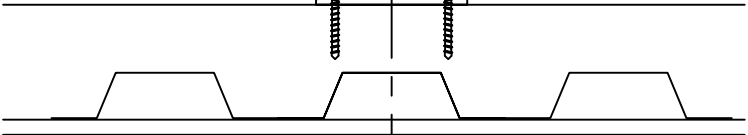
Mezz FFL

CHS HANGER CONNECTION DETAILS



150x8 plate x 200 long
welded 6 fillet full profile
to top of 100x100x8
SHS post. 4No M12
8.8 bolts connecting into
bottom flange of
152x152x23kg UC main
beam.

100x8 plate x 200 long
welded 6 fillet full profile
to bottom of 100x100x8
SHS post. 4No M8
Thunderbolts or similar
connecting into GF slab
as shown. Max 80mm
penetration into slab.



SHS COLUMN CONNECTION DETAILS

Unit SU18, The Glass
Works, Barnsley.

Structural Details
Sheet 10.

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