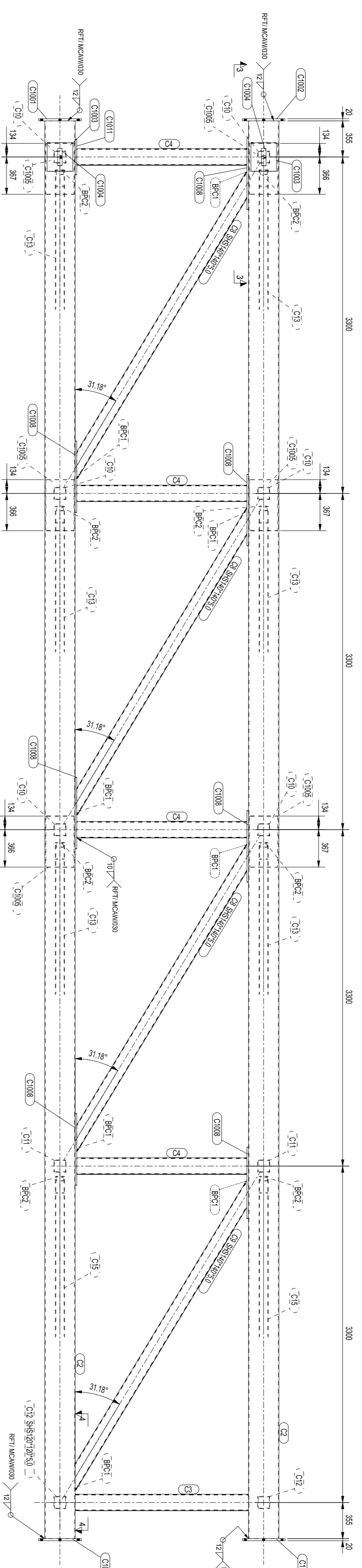
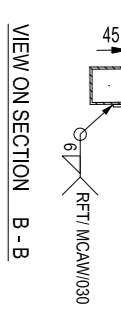
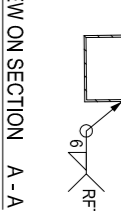
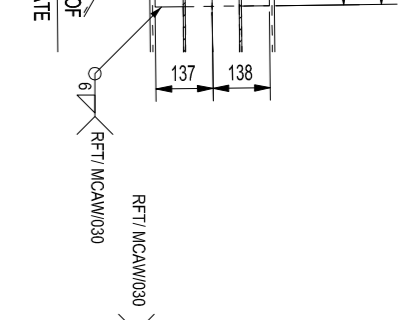
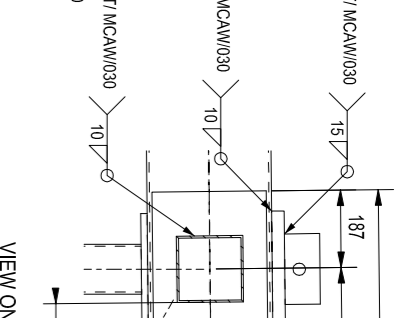
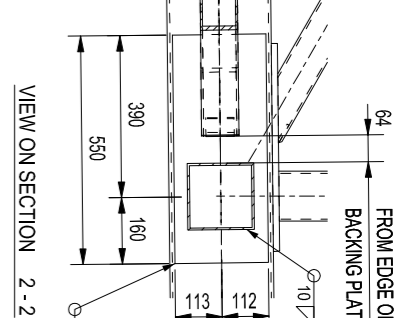
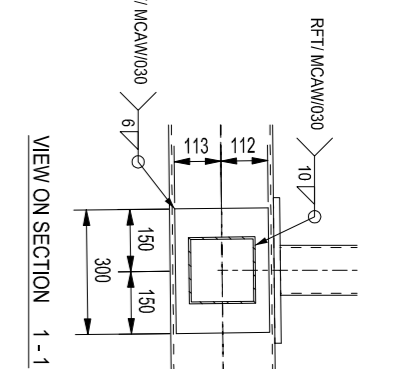
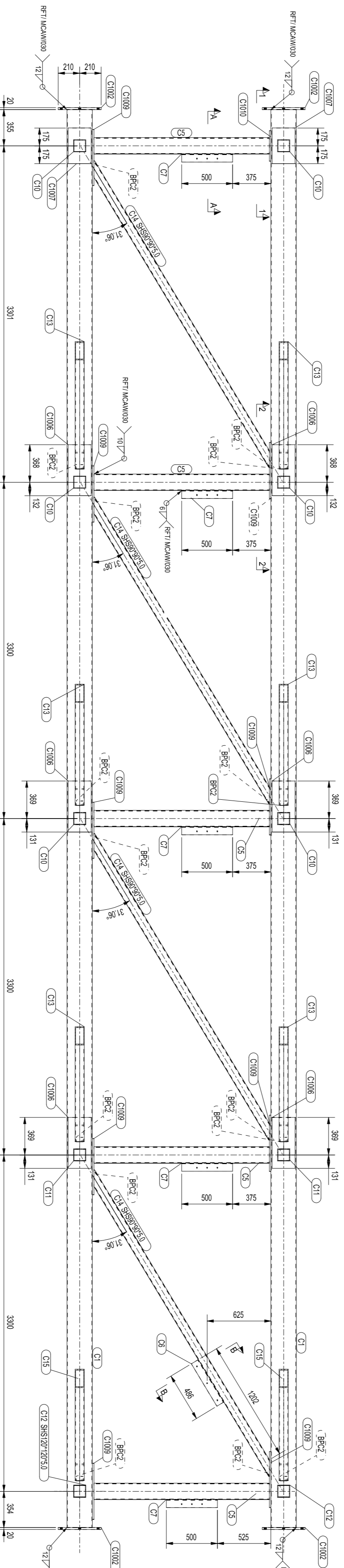


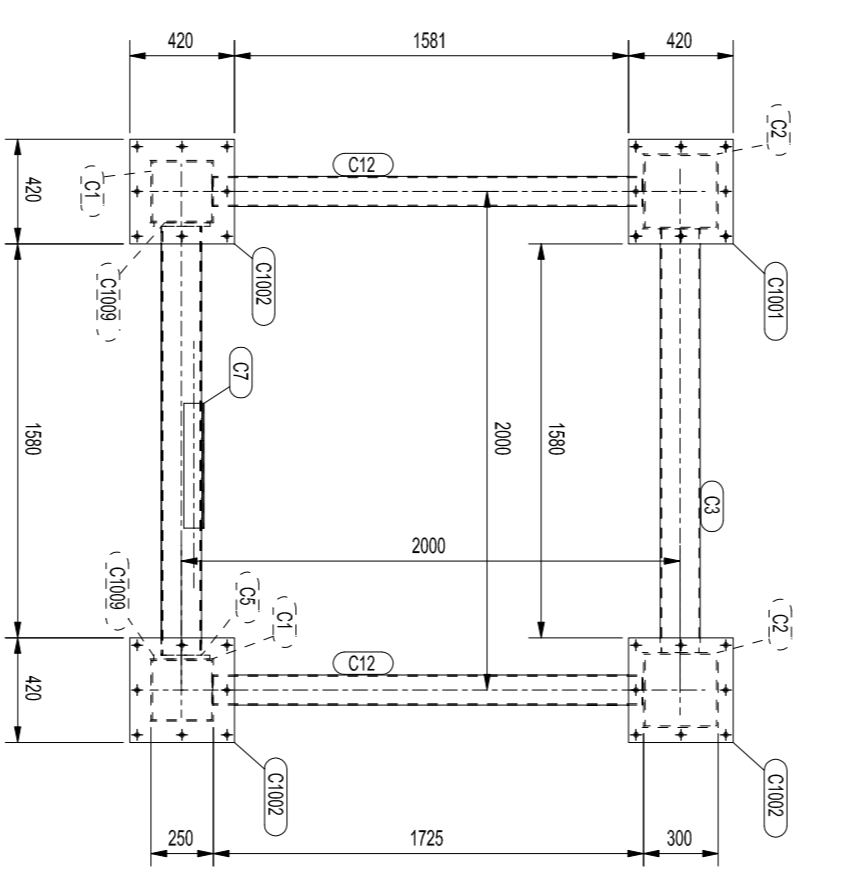
DO NOT SCALE. IF IN DOUBT - ASK  
ALL DIMENSIONS ARE IN MILLIMETRES - UNLESS NOTED OTHERWISE.



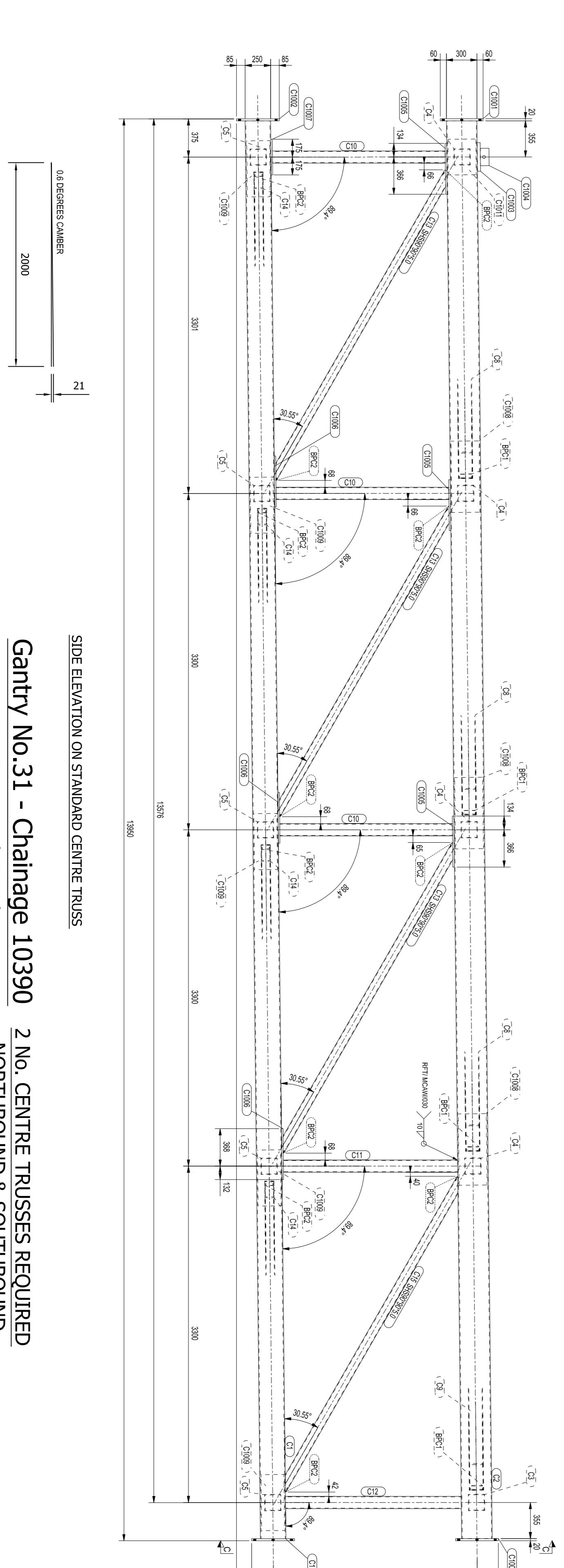
PLAN ON TOP CHORD



PLAN ON BOTTOM CHORD



SECTION C-C



SIDE ELEVATION ON STANDARD CENTRE TRUSS

Gantry No.31 - Chainage 10390  
SMIS No. M1/59.60/S

VARIABLE END TRUSS ASSEMBLY WEIGHT

MARK	QTY	PROFILE	GRD	LENGTH	WEIGHT (kg)
BPC1	8	FL15/50	S355-12	118	1.7
BPC2	24	FL15/50	S355-12	68	2.9
C1	2	SHS250*250*8.3	S355-10H	1391.3	1337.3
C2	2	SHS300*300*8.3	S355-10H	1391.4	1807.8
C3	1	SHS180*180*5.0	S355-10H	1700	41.0
C4	4	SHS180*180*5.0	S355-10H	1670	161.0
C5	1	SHS180*180*5.0	S355-10H	1720	207.3
C6	1	L80*80/6	S355-12	486	3.5
C7	5	L80*80/6	S355-12	300	18.1
C8	3	SHS140*140*5.0	S355-10H	3438	217.6
C9	1	SHS140*140*5.0	S355-10H	3467	73.2
C10	6	SHS120*120*5.0	S355-10H	1696	182.8
C11	2	SHS120*120*5.0	S355-10H	1711	61.5
C12	2	SHS120*120*5.0	S355-10H	1726	62.0
C13	6	SHS90*90*5.0	S355-10H	3468	275.7
C14	4	SHS90*90*5.0	S355-10H	3464	183.6
C15	2	SHS90*90*5.0	S355-10H	3527	93.5
C1001	2	PLATE30*420	S355-12	420	56.4
C1002	6	PLATE30*420	S355-12	420	166.2
C1003	2	FL130*250	S355-12	280	33.0
C1004	2	PLATE45*85	S355-12	170	9.7
C1005	6	FL15*275	S355-12	500	79.5
C1006	6	PLATE15*225	S355-12	500	18.5
C1007	7	FL15*275	S355-12	225	188.7
C1008	9	PLATE15*225	S355-12	550	131.1
C1010	1	FL15*900	S355-12	225	7.9
C1011	1	FL15*275	S355-12	350	11.3
TOTAL WEIGHT EACH					5.30 T

GENERAL NOTES:-

- All dimensions are in millimetres - unless noted otherwise
- All tolerances to be  $\pm 1.0$ mm - unless noted otherwise
- All welding to be done in conformance with approved WFS. Filler weld sizes shown are leg lengths - unless noted otherwise
- Break / radius corners of plates to remove sharp points
- All hollow sections to be grade S355J2H to EN 10 210 - unless noted otherwise
- All other sections (e.g. open sections and plates) to be EN10 025 - unless noted otherwise
- All filler welds shall be prepared to achieve a minimum throat thickness of 0.71 times the stated leg length
- All welds to be 10mm continuous fillet - unless noted otherwise
- All steelwork shall be close fitting. All hollow sections to splice joints and bar full contact shall be performed. These two surfaces must contact throughout the section.
- Where two surfaces meet, there must NOT be a gap greater than 0.5mm.

**Varley & Gulliver Ltd.**  
HALESFIELD 18,  
HELFORD,  
SHROPSHIRE TR7 4JL.  
TEL: 01952 588788  
FAX: 01952 588144

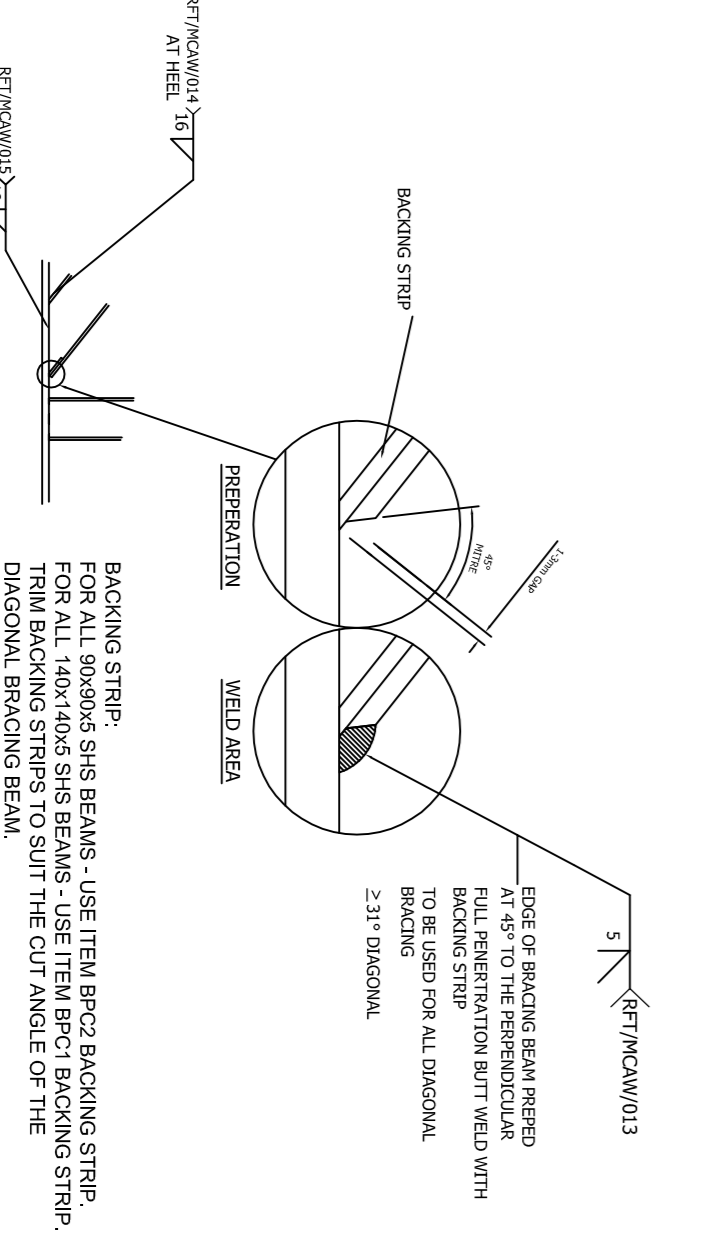
**CLIENT**  
CCAV

**PROJECT**  
M1 JUNCTIONS 10-13 HSR IMPROVEMENTS

**DRAWING TITLE**  
GENERAL ARRANGEMENT OF  
GANTRY 31 STANDARD CENTRE TRUSS  
NORTHBOUND AND SOUTHBOUND

DATE	SCALE
25.05.12	1:25

**PROJECT NO.** 11727  
**DRAWING NO.** VG109-CD-CON-3103  
**REV** 00



NO.	DESCRIPTION	DATE
00	ISSUE FOR REVIEW	25.05.12