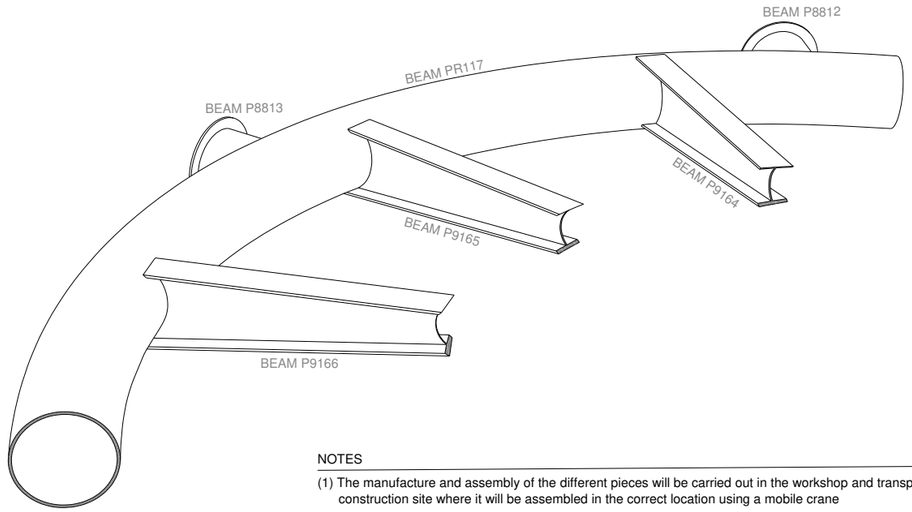
ASSEMBLY A114
SCALE 1:40



NOTES

(1) The manufacture and assembly of the different pieces will be carried out in the workshop and transported to the construction site where it will be assembled in the correct location using a mobile crane

(2) Do not cut or core any openning in any structural steel members without prior written approval from the structural engineer

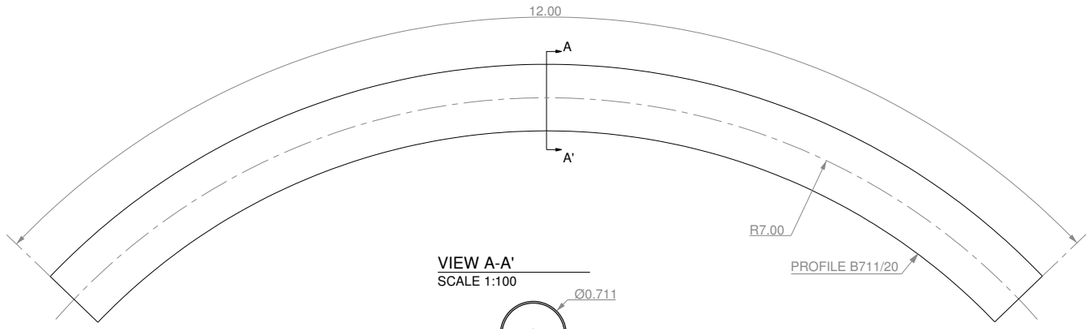
(3) Visual inspection of all welds is required to assure the quality of the work.

(4) Non-destructive testing to verify the quality of welding should be performed in those areas where deemed quastionable by visible defects or where required by the engineer

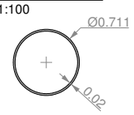
(5) Tightness of bolted connections must be tested to prove a good performance of the joints

(6) Profiles B711/20 and B610/19 will be manufactured using COR-TEN steel as a material, eliminating the need for painting

BEAM: PR117
SCALE 1:100



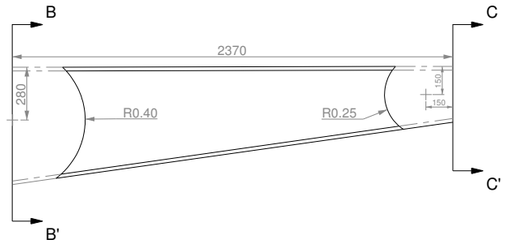
VIEW A-A'
SCALE 1:100



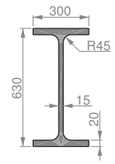
PROFILE B711/20

PROFILE	QUALITY	YIELD LIMIT (N/mm²)	QUANTITY	VOLUME (m³)	WEIGHT (t)
B711/20	S355JR	355	1	0.039	0.309
B610/19	S355JR	355	2	0.521	4.091
VARIABLE IPE BEAM	S355JR	355	3	0.115	0.309
ANCHOR PLATE	S355JR	355	2	0.012	0.096
TOTAL				0.687	5.396

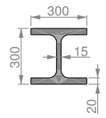
BEAM: P9164
SCALE 1:50



VIEW B-B'
SCALE 1:50
UNITS mm



VIEW C-C'
SCALE 1:50
UNITS mm



BEAM: P9165
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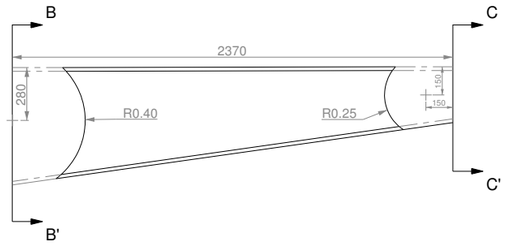
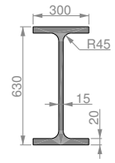
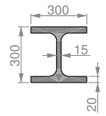


VIEW B-B'
SCALE 1:50
UNITS mm



VIEW C-C'
SCALE 1:50
UNITS mm



BEAM: P9166
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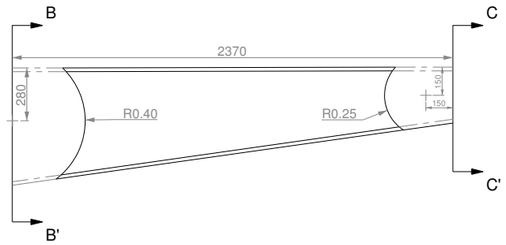
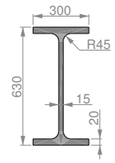
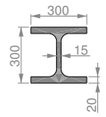


VIEW B-B'
SCALE 1:50
UNITS mm



VIEW C-C'
SCALE 1:50
UNITS mm



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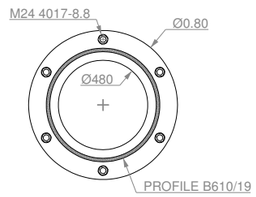
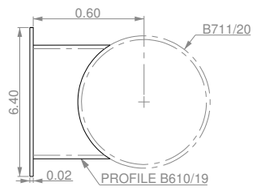
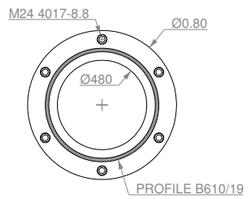
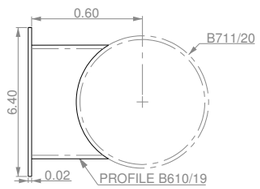




BEAM: P8813
SCALE 1:50





EDITECA	CONSULTANT: BORJA BALBASTRE CAMARENA	DESIGNER: BORJA BALBASTRE CAMARENA DRAWINGS: BORJA BALBASTRE CAMARENA	APPROVED BY:	REVISION: Nº 01, DATE 07/05/2022, DESCRIPTION: ISSUED FOR CLIENT REVIEW	BASIC PROJECT FOR THE CONTEST OF A VIEWPOINT IN VALENCIA (SPAIN) CONTRACT NºCOS16513-1654621

SUPERSTRUCTURE	SCALE	INDICATED
	DATE	MAY 2022
ASSEMBLY A114	DRAWING Nº:	T1-1
	SHEET: 22	OF 36