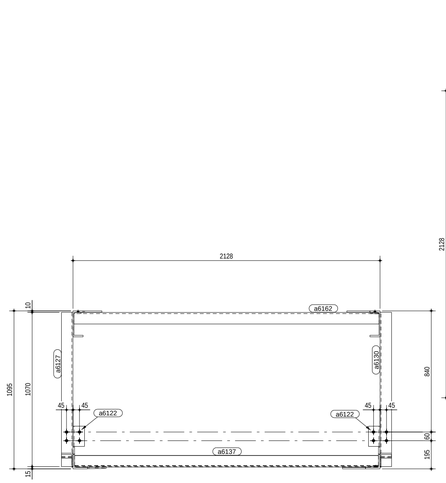
PHASE No.	QTY
Phase 6	1

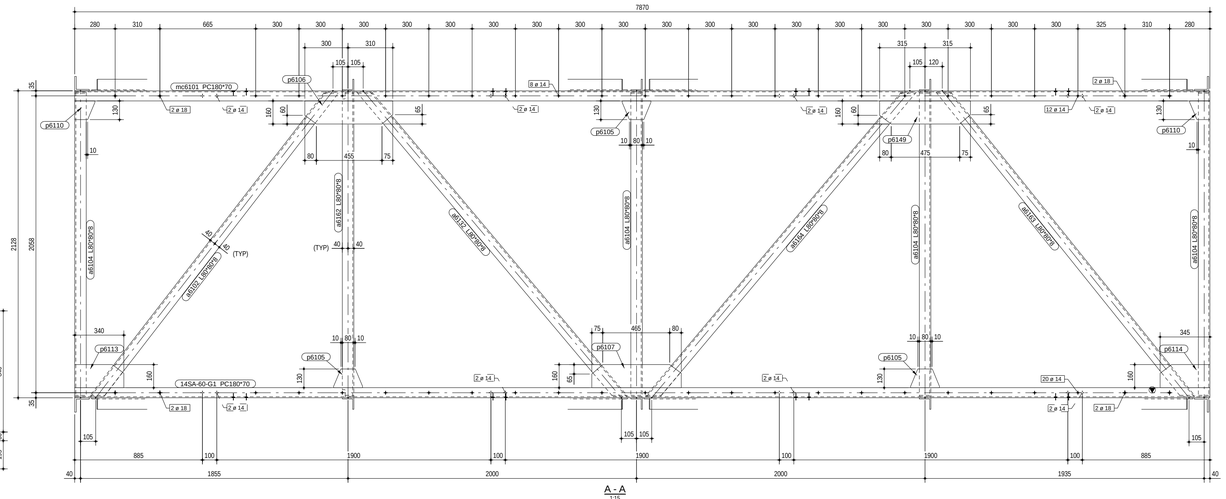
LOT No.	QTY
0	1

MATERIAL LIST FOR ONE ASSEMBLY MK'D 14SA-60-G1

Mark	No	Section	Length	Grade	Weight (T)
a6100	1	LB/90*8	2813	S355JR	0.027
a6101	2	L100*100*10	7855	S355JR	0.236
a6102	1	LB/90*8	2775	S355JR	0.026
a6104	4	LB/90*8	2114	S355JR	0.081
a6107	2	LB/90*8	80	S355JR	0.002
a6111	2	LB/90*8	2174	S355JR	0.042
a6112	2	LB/90*8	2096	S355JR	0.040
a6113	2	LB/90*8	2057	S355JR	0.040
a6114	2	LB/90*8	1952	S355JR	0.038
a6121	2	L100*100*10	2108	S355JR	0.063
a6122	8	LB/90*8	140	S355JR	0.011
a6125	1	LB/90*8	1210	S355JR	0.012
a6126	1	LB/90*8	1142	S355JR	0.011
a6127	1	LB/90*8	1070	S355JR	0.010
a6128	1	LB/90*8	1210	S355JR	0.012
a6129	1	LB/90*8	1142	S355JR	0.011
a6130	1	LB/90*8	1070	S355JR	0.010
a6132	1	LB/90*8	2820	S355JR	0.027
a6133	1	LB/90*8	2813	S355JR	0.027
a6135	1	LB/90*8	2821	S355JR	0.027
a6136	1	LB/90*8	2768	S355JR	0.027
a6137	3	LB/90*8	2108	S355JR	0.061
a6154	1	L100*100*10	1300	S355JR	0.019
a6155	1	L100*100*10	1300	S355JR	0.019
a6156	1	L100*100*10	1025	S355JR	0.015
a6157	1	L100*100*10	1025	S355JR	0.015
a6162	1	LB/90*8	2114	S355JR	0.020
a6163	1	LB/90*8	2767	S355JR	0.027
a6164	1	LB/90*8	2820	S355JR	0.027
mc6101	1	PC180*70	7870	S355JR	0.168
p6100	2	PL30*212.2	450	S355JR	0.032
p6101	2	PL30*237.8	405	S355JR	0.033
p6102	2	FL/10*50	535	S355JR	0.004
p6103	2	FL/10*60	510	S355JR	0.005
p6104	2	FL/10*60	130	S355JR	0.001
p6105	6	FL/10*130	200	S355JR	0.009
p6106	1	PL/10*150	610	S355JR	0.007
p6107	1	PL/10*160	820	S355JR	0.007
p6108	2	PL/10*160	670	S355JR	0.016
p6109	1	PL/10*160	665	S355JR	0.008
p6110	2	FL/10*130	140	S355JR	0.002
p6113	1	PL/10*160	340	S355JR	0.004
p6114	1	PL/10*160	345	S355JR	0.004
p6115	1	PL/10*160	200	S355JR	0.002
p6116	1	PL/10*160	195	S355JR	0.002
p6149	1	PL/10*160	630	S355JR	0.008
p6150	2	FL/10*65	105	S355JR	0.001
x423	1	PC180*70	7870	S355JR	0.168
			SUB-TOTAL FOR ONE ASSEMBLY		1.464



G - G
1:15



A - A
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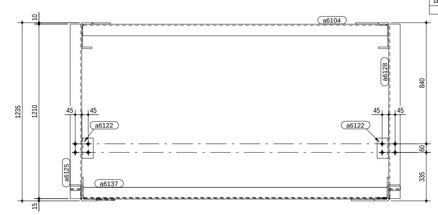

E - E
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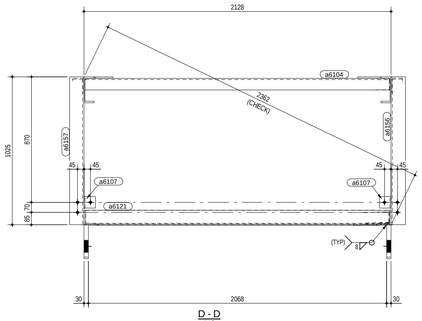
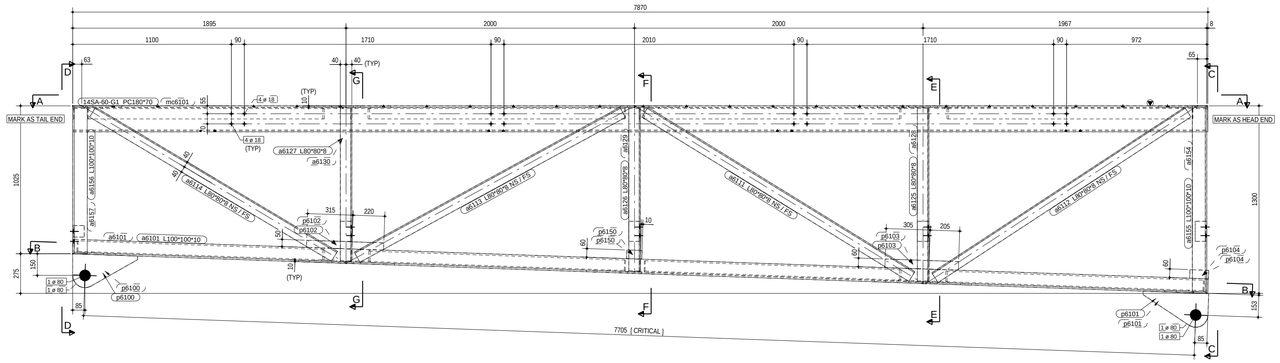
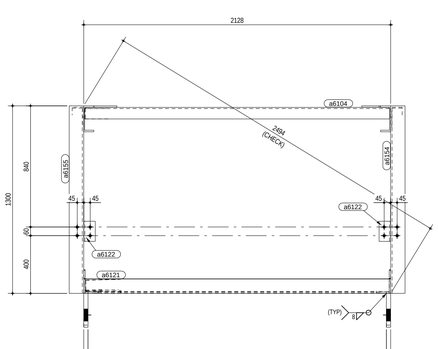
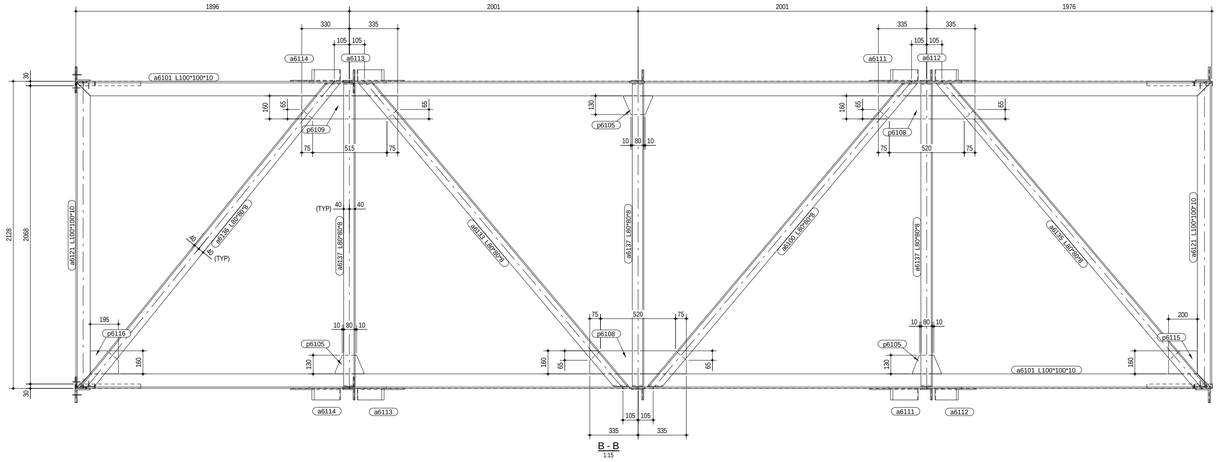


D - D
1:15

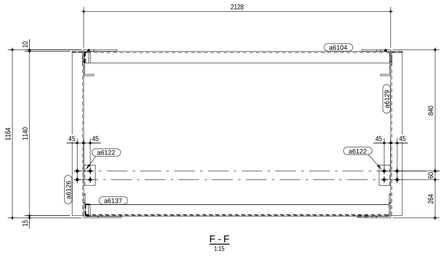




C - C
1:15



B - B
1:15



F - F
1:15

PAINT TO SPECIFICATION

ONE - GANTRY REQ'D AS DRAWN MK'D - 14SA-60-G1

WELDED ASSEMBLY NOTES (U.O.N.):
1. ALL EXTERNAL NON-CORROSION RESISTANT METAL SURFACES SHALL BE TREATED & PROTECTED IN ACCORDANCE WITH SPECIFICATION ABGA-00000-60-SP-002
2. ALL WELDS TO BE S.A.W. OR THE THINNEST MEMBER OR A MIN OF 8mm CONT. FILLET
3. ALL WELDS TO BE CONTINUOUS UNLESS NOTED OTHERWISE
4. ALL PLUNGE END CORAL & ADJACENT STIFFENER PLATE WELDS TO BE FULL PEN. BEVEL WELDS
5. ALL WELD LENGTHS TO BE 100% VISUALLY INSPECTED
6. ALL INDICATED CRITICAL WELD LENGTHS SUBJECT TO MINIMUM 100% UT TESTING
7. 10% OF REMAINING WELD LENGTHS SUBJECT TO MPI TESTING
8. SHOULD IT NOT BE POSSIBLE ON THE INDICATED WELDS, FABRICATOR TO INFORM CLIENT WHO WILL PROVIDE THE FABRICATOR WITH ANY FURTHER INSTRUCTIONS
9. TO ACCOUNT FOR FASTENERS & WELDING, ADD 5% TO OVERALL MASS OF EACH PART FOR INSTALLATION & TRANSPORT PURPOSES

REV	DESCRIPTION	STATUS	BY	DATE
A	ISSUED FOR APPROVAL	RFC	VR	20.04.2018
0	ISSUED FOR FABRICATION	RFC	VR	20.04.2018

FINISH : 1 (0 = HOT DIP GALVANIZE TO EN ISO 1461; 1 = PAINT TO SPECIFICATION)

PARTS HAND STAMPED WITH PROJECT & MARK No. LOCATED THERE

GENERAL NOTES (U.O.N):
1. HOLES - 22Ø FOR M20 Gr. 8.8 BOLTS
2. WELDS - 8mm FILLET CONT.
3. MATERIAL - GRADE S355JR IN ACCORDANCE WITH SANS 1431
4. NOTCHES - CORNER RADIUS 11mm (MIN)
5. PAINTING - REFER ENGINEERS SPECIFICATION

Client: VAN STADEN ENGINEERING
8 Molinuik Rd, Vulcania, Brakpan Tel: 011 913 1304 Fax: 011 817 3144

Project: GUINEA ALUMINA EXPORT PROJECT - PHASE 1

Title: BAUXITE SIZING STATION
PRIMARY FEED CONV. - GANTRY

ENG. REF:

mondo cano
e: info@mondocane.co.za
t: +27 21 852-2447 f: +27 21 852-2699
www.mondocane.co.za

Modelled	Checked
VR	
Date: 20.04.2018	Dwg No.: 2465 [14SA-60-G.1]
Scale: 1:15	Rev.: 0

Data Structure