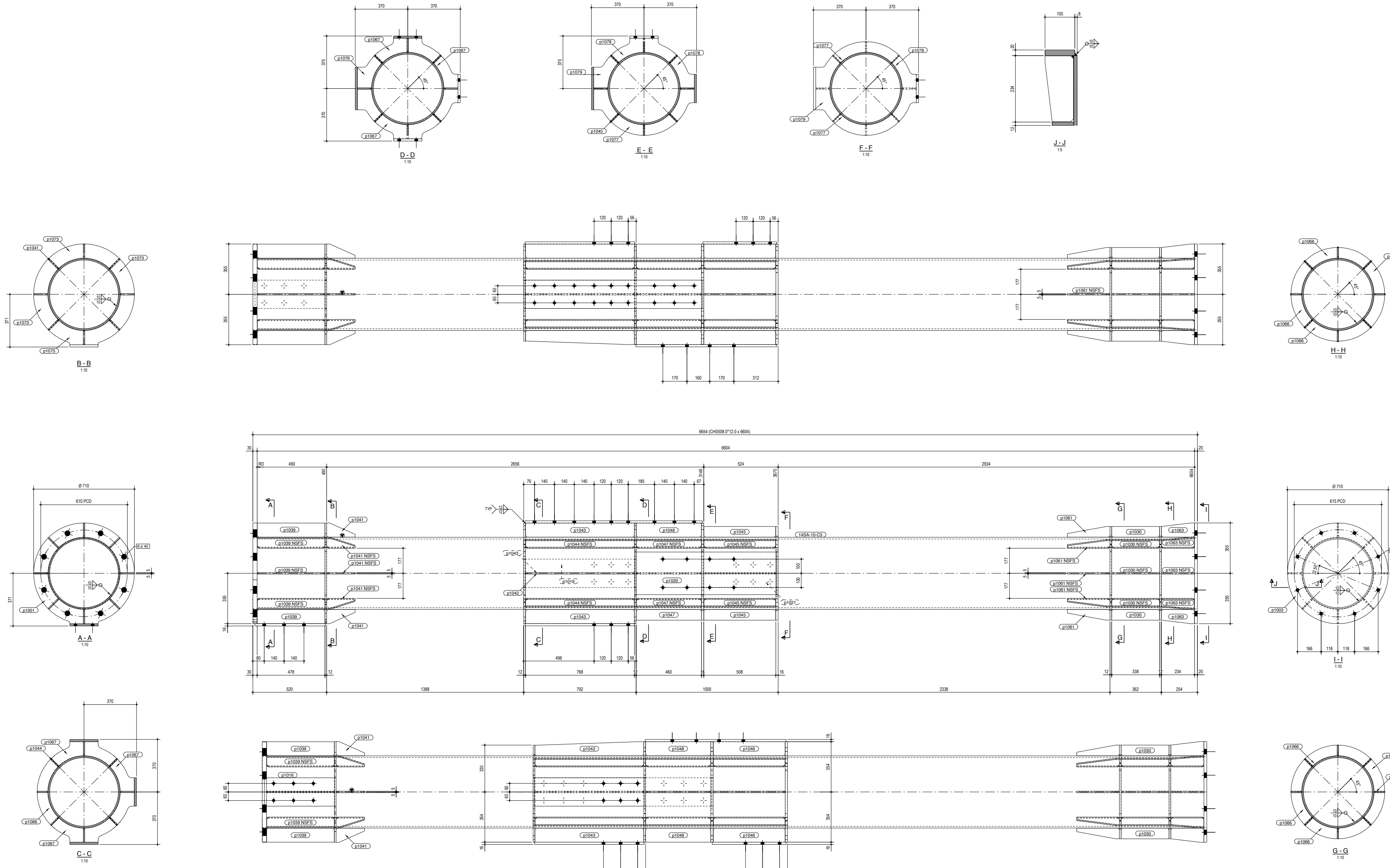
PHASE No.	QTY
Phase 1	1

LOT No.		QTY
1	Primary 01	1

MATERIAL LIST FOR ONE ASSEMBLY MK'D 14SA-10-C5					
Mark	No	Section	Length	Grade	Weight (T)
p1001	1	PL30*710	710	S355JR	0.047
p1003	1	PL20*710	710	S355JR	0.031
p1016	1	FL16*200	495	S355JR	0.012
p1018	1	FL16*200	1248	S355JR	0.031
p1019	2	FL16*200	772	S355JR	0.039
p1020	1	FL16*300	992	S355JR	0.037
p1021	1	FL16*200	520	S355JR	0.013
p1030	8	PL10*75	336	S355JR	0.016
p1039	8	PL10*99	476	S355JR	0.030
p1041	8	FL10*100	200	S355JR	0.008
p1042	1	PL10*99	766	S355JR	0.005
p1043	3	PL10*99	766	S355JR	0.018
p1044	4	PL10*75	766	S355JR	0.018
p1045	6	PL10*75	506	S355JR	0.018
p1046	2	PL10*99	506	S355JR	0.008
p1047	5	PL10*75	458	S355JR	0.013
p1048	3	PL10*99	458	S355JR	0.011
p1061	8	PL10*75	300	S355JR	0.010
p1063	8	FL10*100	232	S355JR	0.013
p1066	9	PL12*232.4	431	S355JR	0.029
p1067	6	PL12*173	465	S355JR	0.023
p1073	3	PL12*257.3	464	S355JR	0.014
p1075	1	PL12*174	501	S355JR	0.005
p1076	1	PL12*173	465	S355JR	0.004
p1077	3	PL16*232.4	431	S355JR	0.013
p1078	3	PL16*173	465	S355JR	0.015
p1079	2	PL16*173	465	S355JR	0.011
xch3	1	CHS508.0*12.0	6604	S355JR	0.971
SUB-TOTAL FOR 'ONE' ASSEMBLY					1.463



WELDED ASSEMBLY NOTES (U.O.N.):

1. ALL EXTERNAL NON-CORROSION RESISTANT METAL SURFACES SHALL BE TREATED & PROTECTED IN ACCORDANCE WITH SPECIFICATION A8GA-00000-00-SP-002
2. ALL WELDS TO BE 0.8 OF THE THINNEST MEMBER OR A MIN OF 8mm CONT. FILLET
3. ALL BEVELS TO BE COMPLETE PENETRATION WELDS
4. ALL FLANGE END CONN. & ADJACENT STIFF 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 UT 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

PAINT TO SPECIFICATION

ONE - TUBE REQ'D AS DRAWN MK'D - 14SA-10-C5

REV	DESCRIPTION	STATUS	BY	DATE
A	ISSUED FOR APPROVAL	RFC	RC	21.03.2018
0	ISSUED FOR FABRICATION	RFC	RC	21.03.2018

FINISH : 1 — G = HOT DIP GALVANIZE TO EN ISO 1461; 1 = PAINT TO SPECIFICATION

PARTS HARD STAMPED WITH PROJECT & MARK No. LOCATED THUS

GENERAL NOTES (U.O.N)

1. HOLES - 22Ø FOR M20 Gr. 8.8 BOLTS
2. WELDS - 8mm FILET 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 Molecule Rd, Vulcania, Brakpan Tel: 011 813 1304 Fax: 011 817 3144

Project: GUINEA ALUMINA EXPORT PROJECT - PHASE 1

Title: BAUXITE SIZING STATION
PRIMARY STRUCTURE - TUBE

ENG. REF:

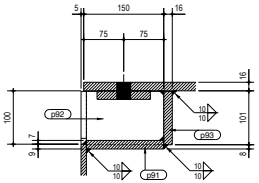
mondo cane
e: info@mondocane.co.za
t: +27 21 852-2447 | f: +27 21 852-2699
www.mondocane.co.za

Modelled	Checked	
RC		
Date: 21.03.2018	Drg No.: 2465 [14SA-10-C.5]	Rev: 0
Scale: 1:5 1:10		

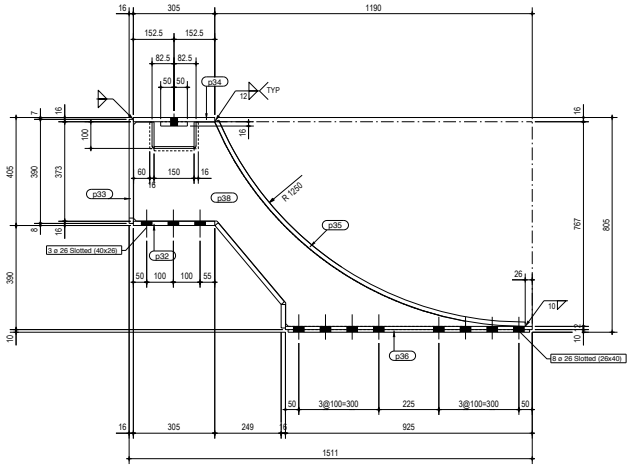
PHASE No.	QTY.
Phase 2A	2

LOT No.	QTY.
0	2

MATERIAL LIST FOR ONE ASSEMBLY MK'D 14SA-21-2					
Mark	No	Section	Length	Grade	Weight (T)
p30	1	PL16*88	7860	S355JR	0.087
p31	1	PL16*386.4	7860	S355JR	0.383
p32	1	PL16*305	7860	S355JR	0.302
p33	1	PL16*390	7860	S355JR	0.383
p34	1	PL16*305	7700	S355JR	0.295
p35	1	PL16*1466.4	7700	S355JR	1.408
p36	2	FL10*70	905	S355JR	0.010
p37	2	FL16*100	100	S355JR	0.003
p38	2	PL10*766	1244	S355JR	0.044
p39	11	PL10*766	1244	S355JR	0.253
p91	2	FL16*150	145	S355JR	0.005
p92	4	FL16*100	145	S355JR	0.007
p93	2	FL16*100	166	S355JR	0.004
sp31	1	PL12*925	7860	S355JR	0.687
			SUB-TOTAL FOR ONE ASSEMBLY		3.871
			TOTAL FOR 2 ASSEMBLIES		7.743



E - E
1:5



C - C
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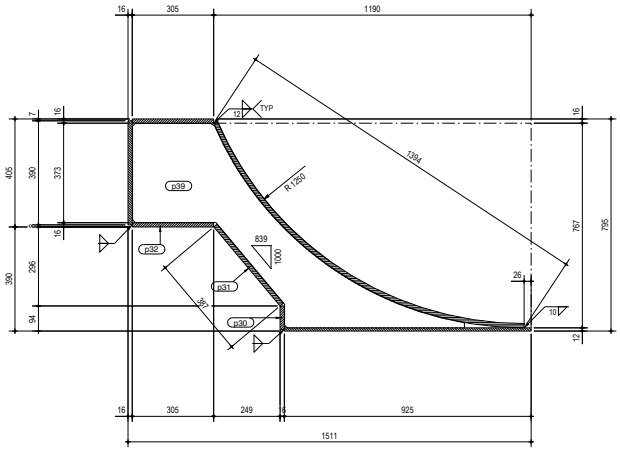
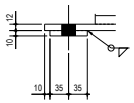
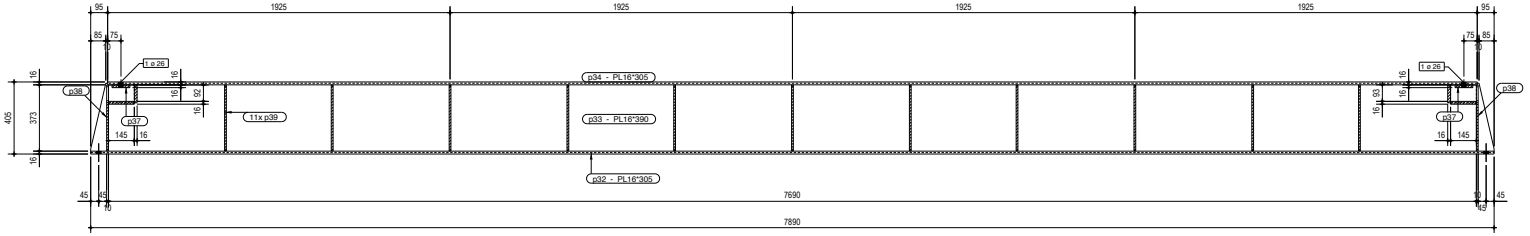


A - A
1:10



D - D
1:5



B - B
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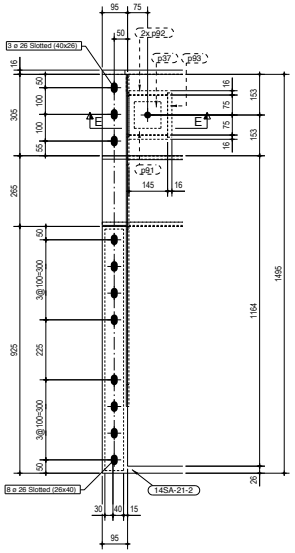

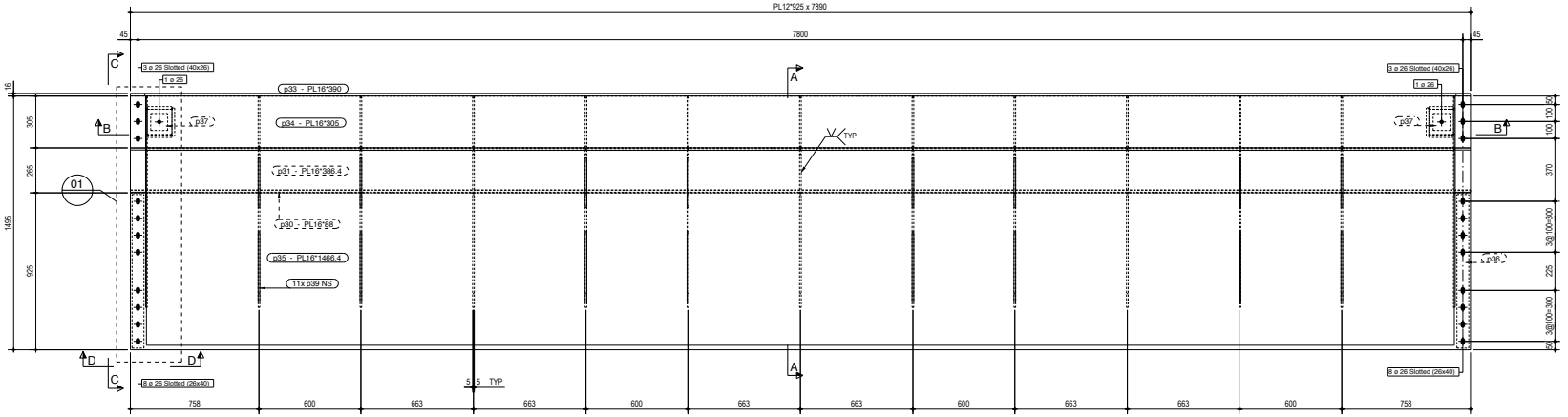

01 ENL. DETAIL
SCALE 1:10

PAINT TO SPECIFICATION

2 - WHEEL STOPS REQ'D AS DRAWN MK'D - 14SA-21-2

WELDED ASSEMBLY NOTES (U.O.N.):

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REV	DESCRIPTION	STATUS	BY	DATE
A	ISSUED FOR APPROVAL	RFC	RC	02.03.2018
0	ISSUED FOR FABRICATION	RFC	RC	02.03.2018

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

PARTS HARD STAMPED WITH PROJECT & MARK No. LOCATED THUS

GENERAL NOTES (U.O.N)

1. HOLES - 22Ø FOR M20 Gr. 8.8 BOLTS
2. WELDS - 8mm FILET 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 Molecule Rd, Vulcania, Brakpan Tel: 011 813 1304 Fax: 011 817 3144

Project: GUINEA ALUMINA EXPORT PROJECT - PHASE 1

Title: BAUXITE SIZING STATION
TRUCK BRIDGES - WHEEL STOP

ENG. REF:

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

Modelled	Checked
RC	
Date	Dwg No.
02.03.2018	2465 [14SA-21-2]
Scale: 1:5 1:10 1:15	Rev. 0

Tekla Structures