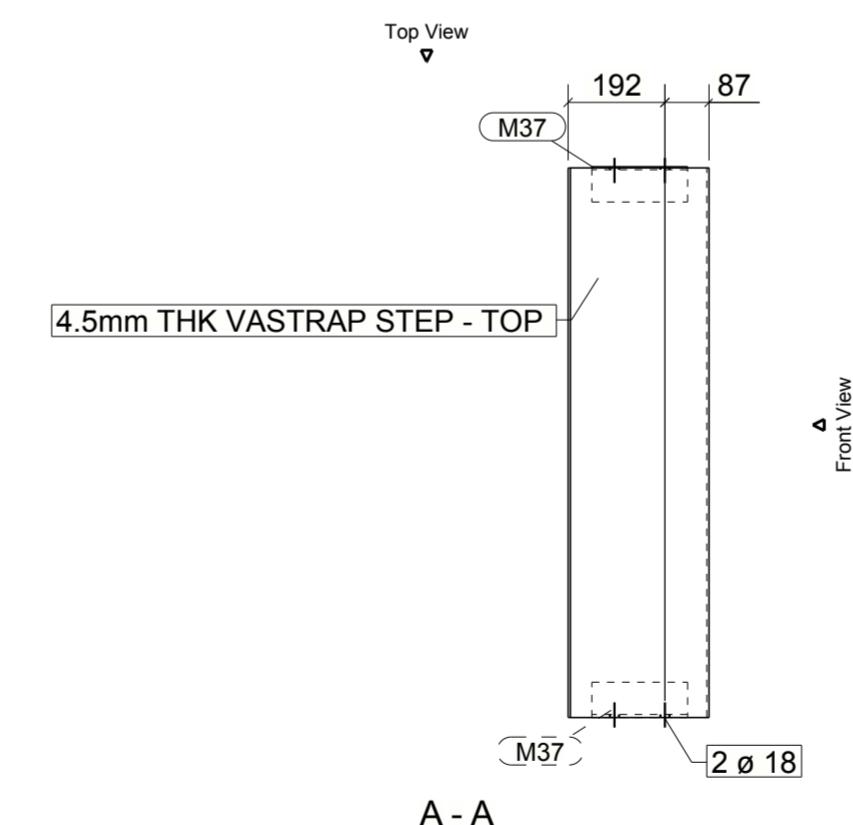
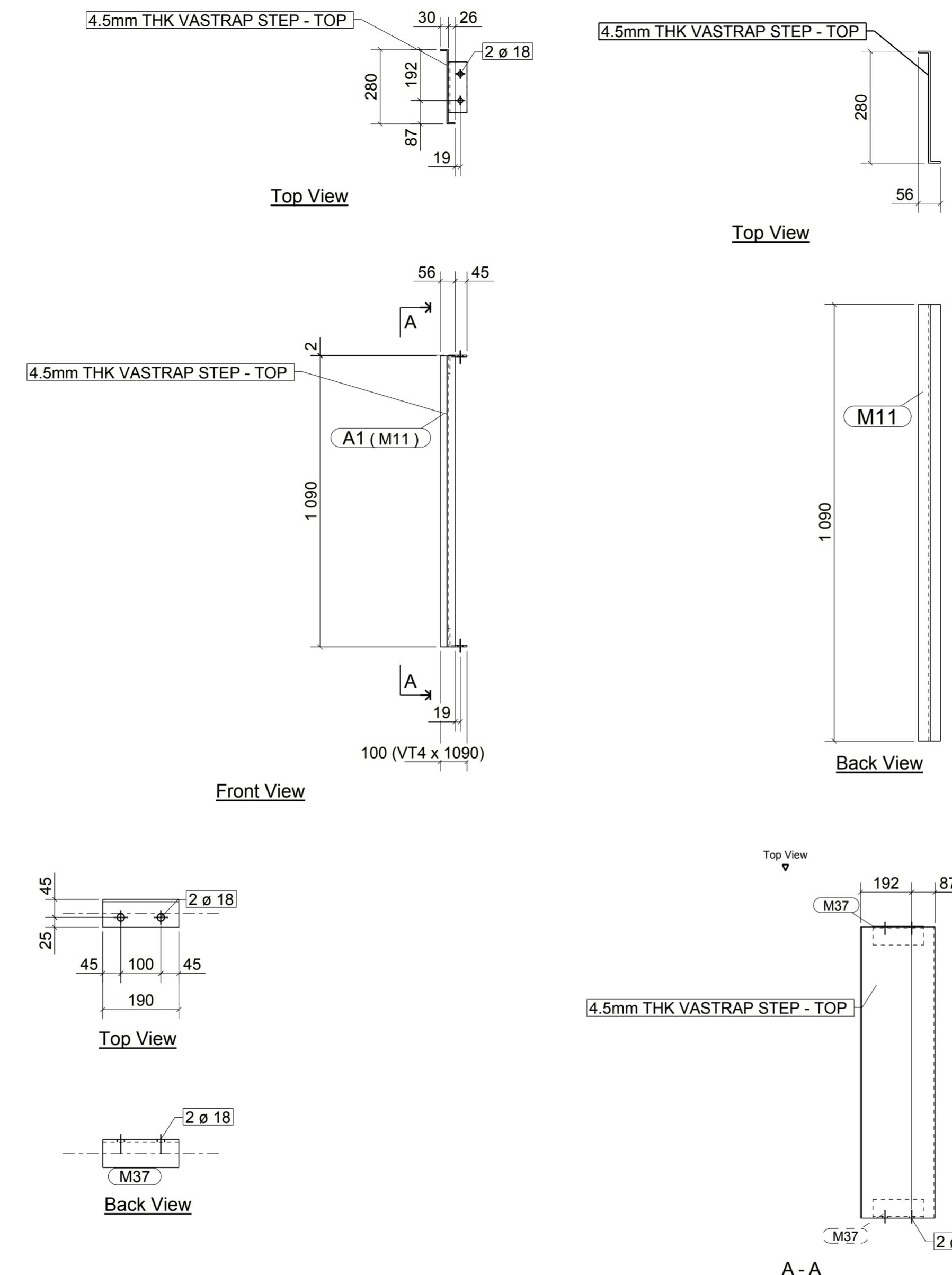


Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

HARD STAMP	QUALITY CONTROL		
	NAME:	DATE COMPLETE:	CHECKED BY:
YS			RELEASE DATE

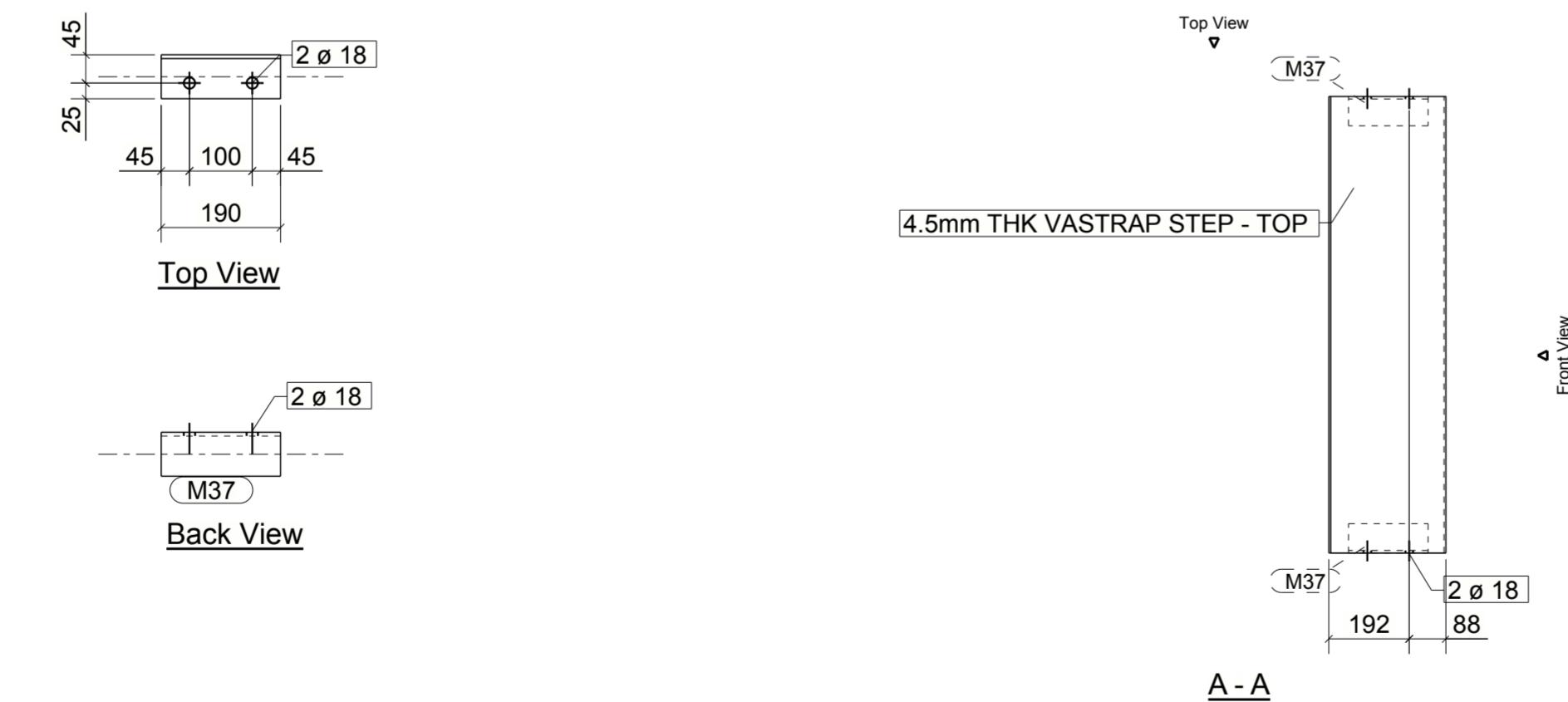
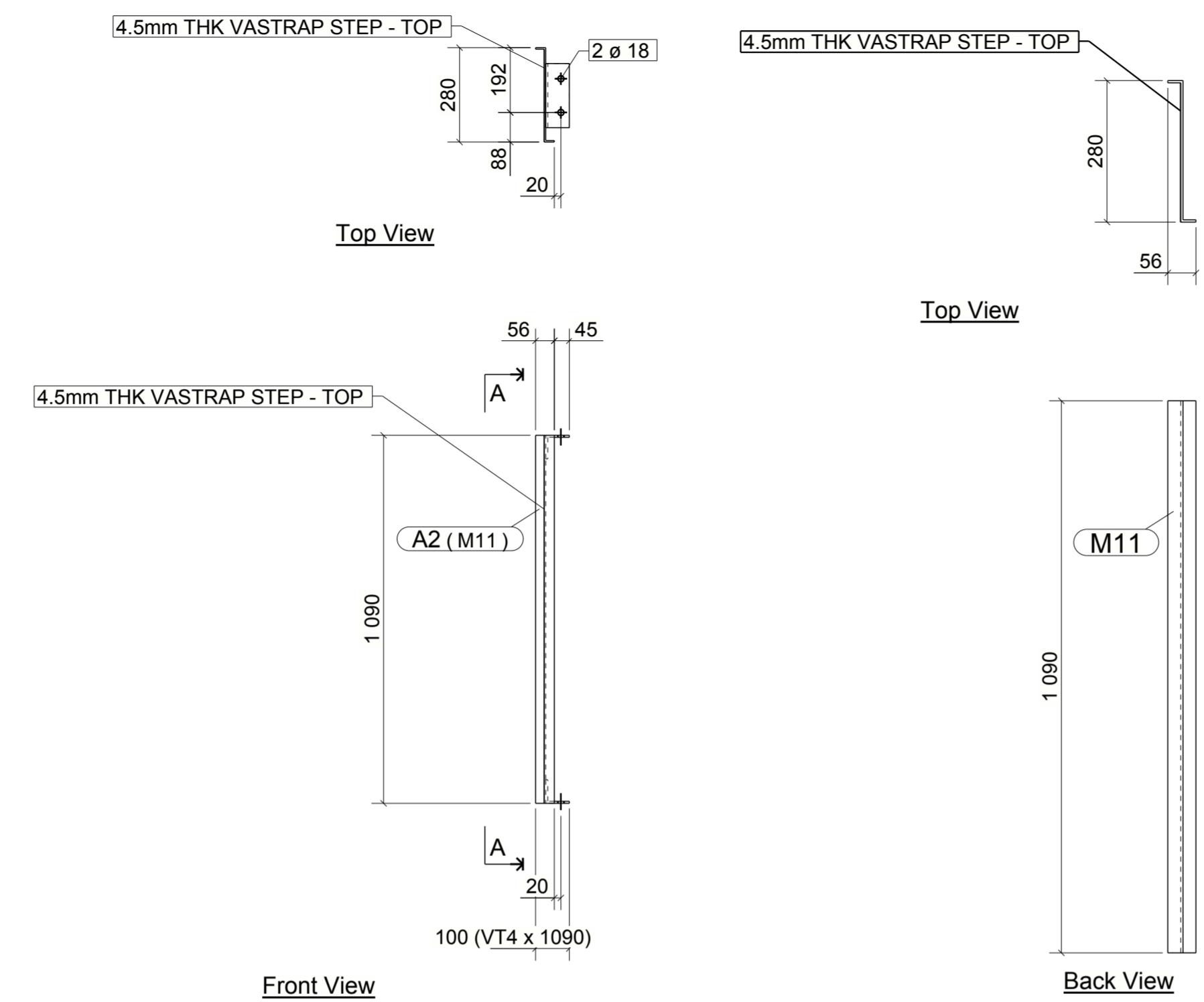


Material list for 1 Vastrap Step assembly marked A1 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M11	1	VT4.5*330.5	1090	S355JR	0.7	12.7
M37	2	L70*70*6	190	S355JR	0.1	2.4
Total for this 1 assembly			0.8		15.2	

Phase name	Qty
Phase 1	29

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

HARD STAMP	QUALITY CONTROL
YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE

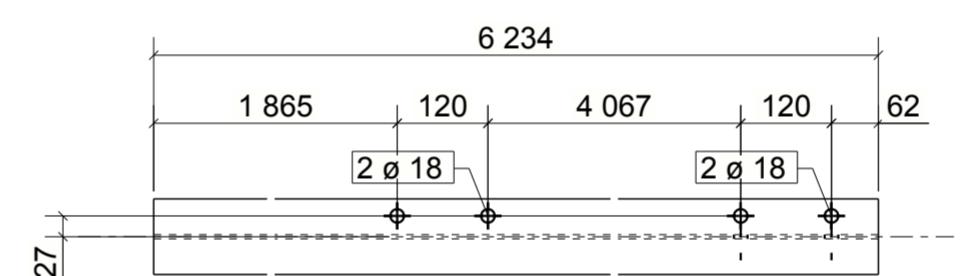
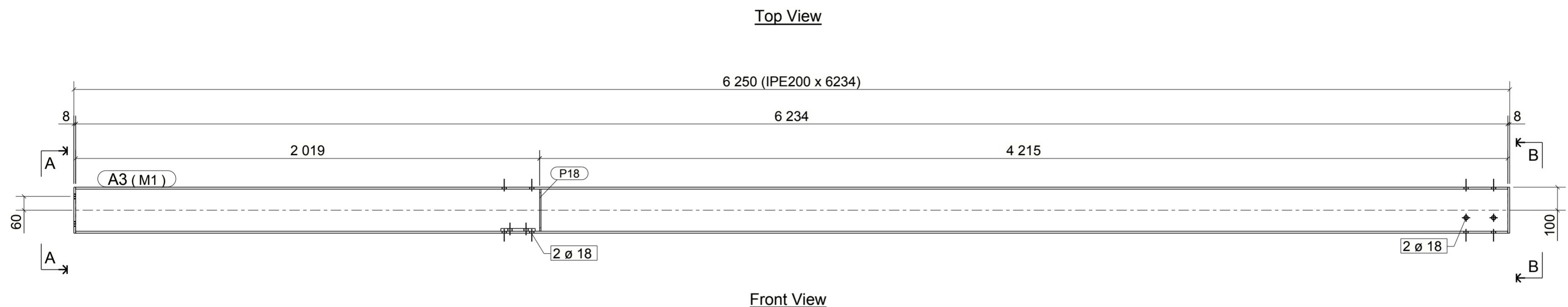
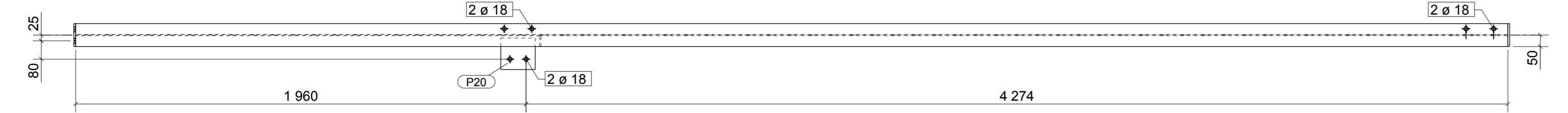


Material list for 1 Vastrap Step assembly marked A2 - a total of 29 are required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M11	1	VT4.5*330.5	1090	S355JR	0.7	12.7
M37	2	L70*70*6	190	S355JR	0.1	2.4
Sub-total for 1 assembly			0.8		15.2	
Total for these 29 assemblies			24.3		439.4	

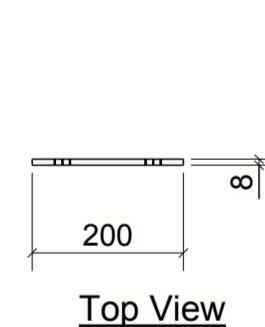
Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

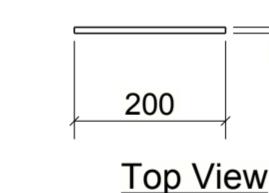
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YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE



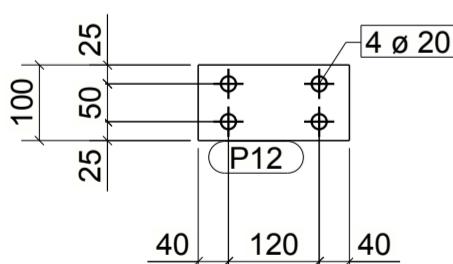
Top View



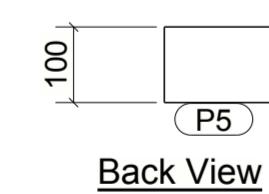
Top View



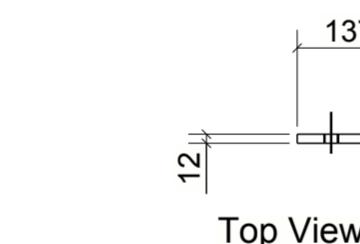
Top View



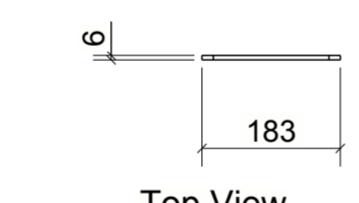
Back View



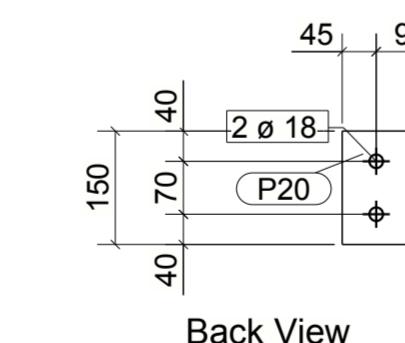
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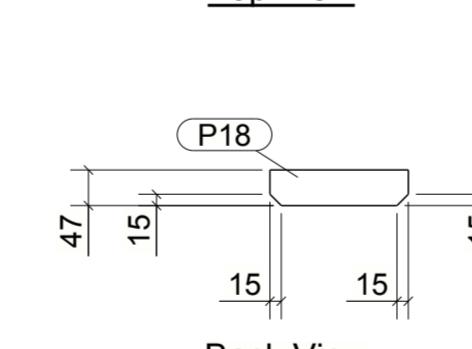
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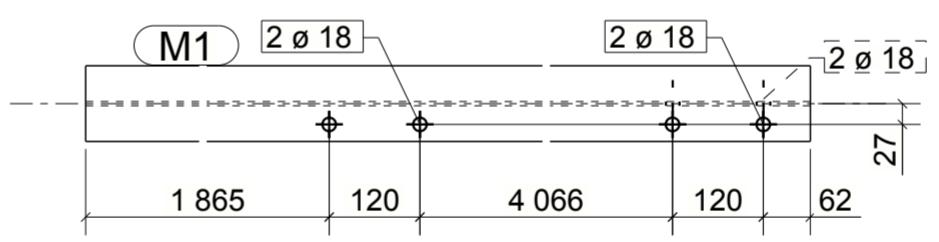
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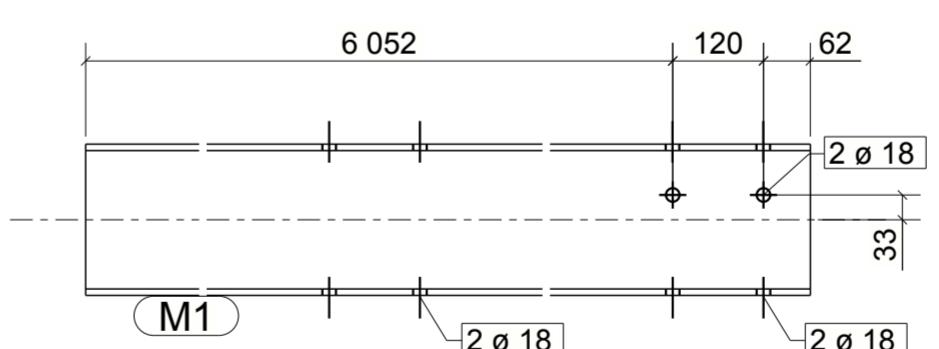
Back View



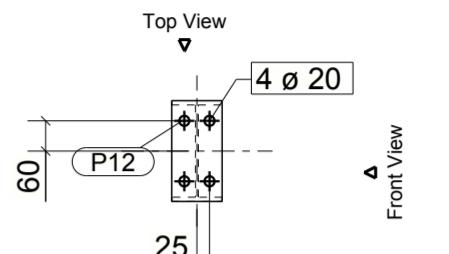
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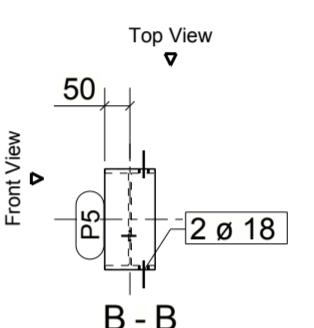
Bottom View



Back View



Front View



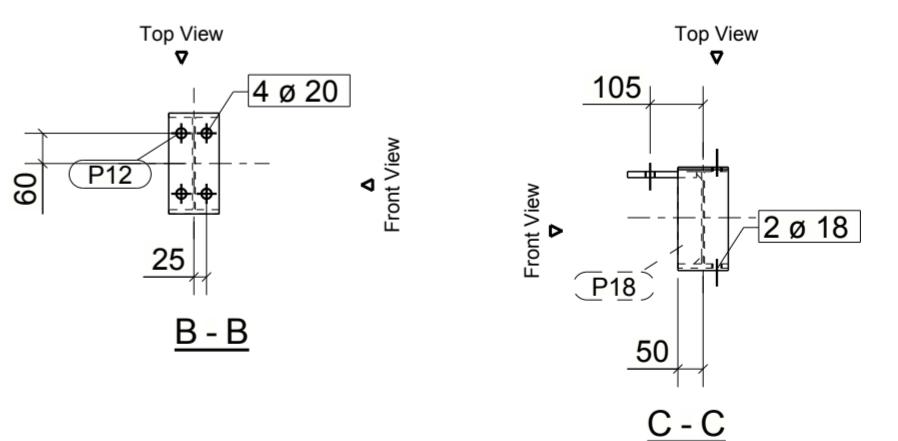
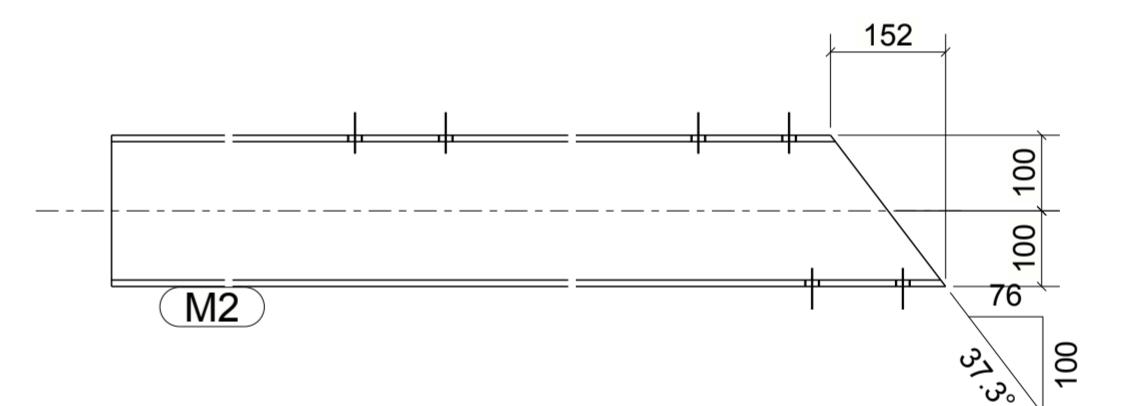
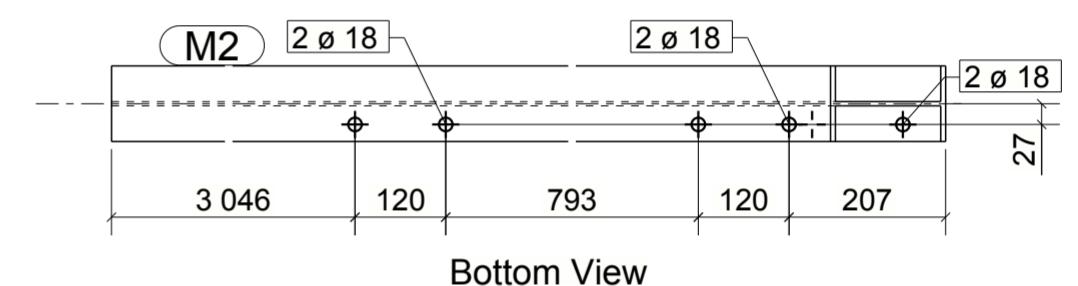
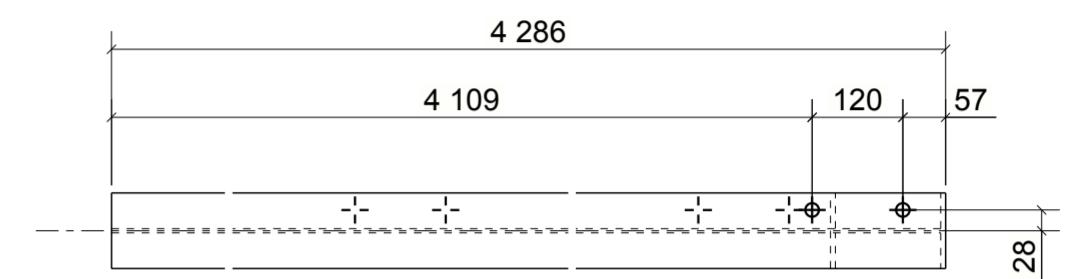
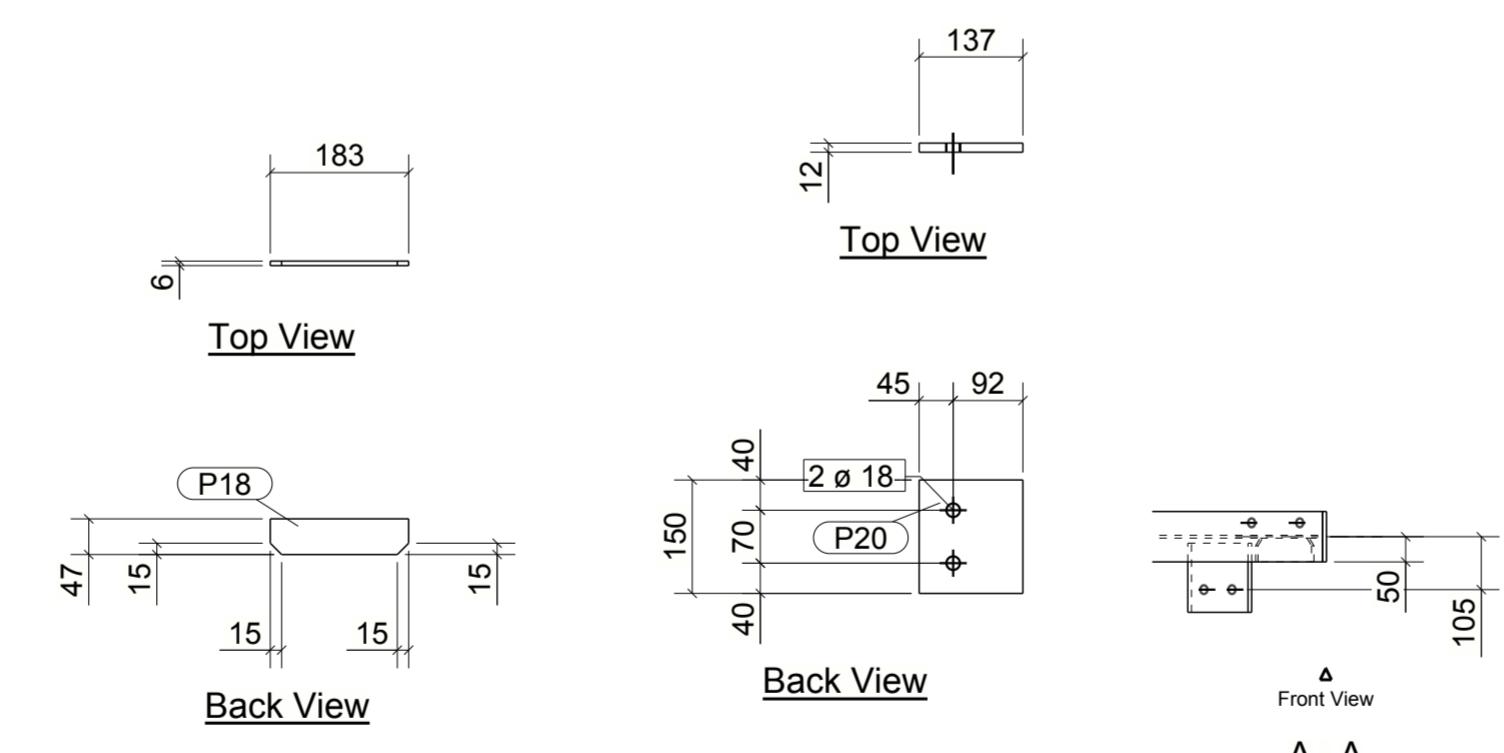
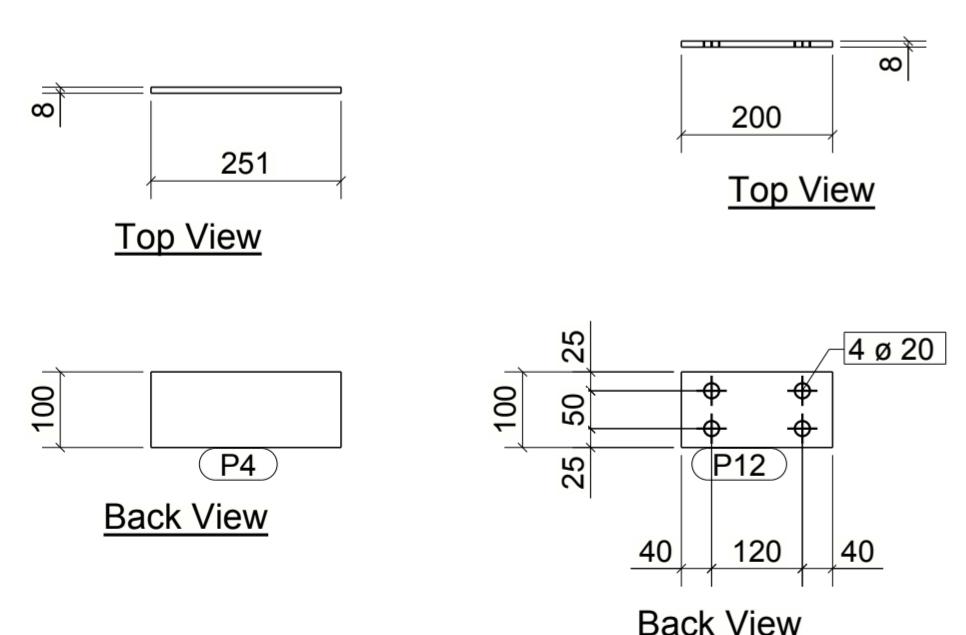
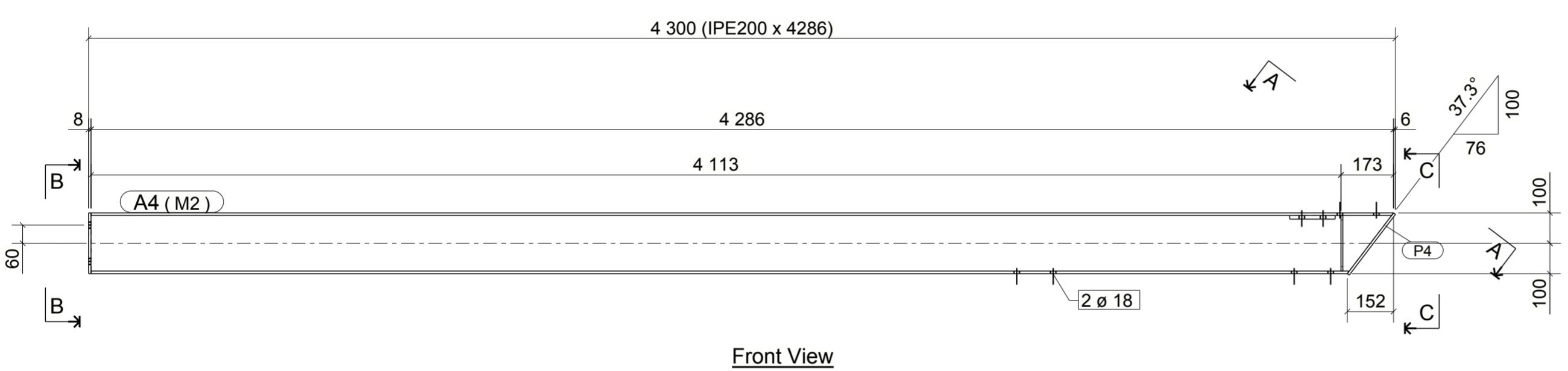
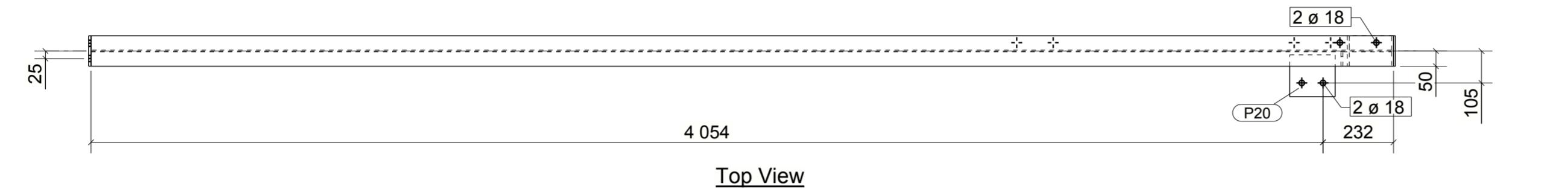
B - B

Material list for 1 Column assembly marked A3 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M1	1	IPE200	6234	S355JR	4.8	139.6
P5	1	FL8*100	200	S355JR	0.0	1.3
P12	1	FL8*100	200	S355JR	0.0	1.3
P18	1	PLT6*47.1	183	S355JR	0.0	0.4
P20	1	FL12*150	137	S355JR	0.0	1.9
Total for this 1 assembly			4.9		144.5	

Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

HARD STAMP	QUALITY CONTROL
YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE

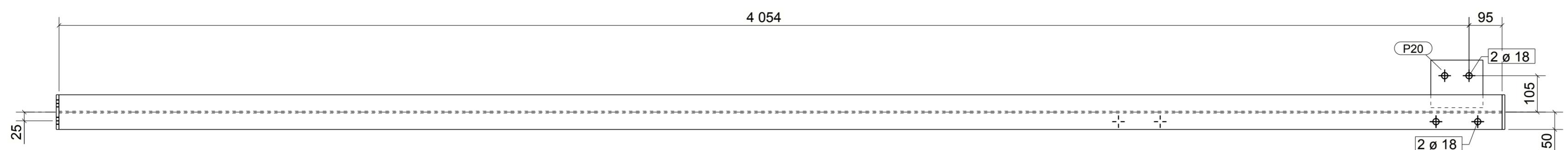


Material list for 1 Column assembly marked A4 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M2	1	IPE200	4286	S355JR	3.3	96.0
P4	1	FL8*100	251	S355JR	0.1	1.6
P12	1	FL8*100	200	S355JR	0.0	1.3
P18	1	PLT6*47.2	183	S355JR	0.0	0.4
P20	1	FL12*150	137	S355JR	0.0	1.9
Total for this 1 assembly			3.5		101.2	

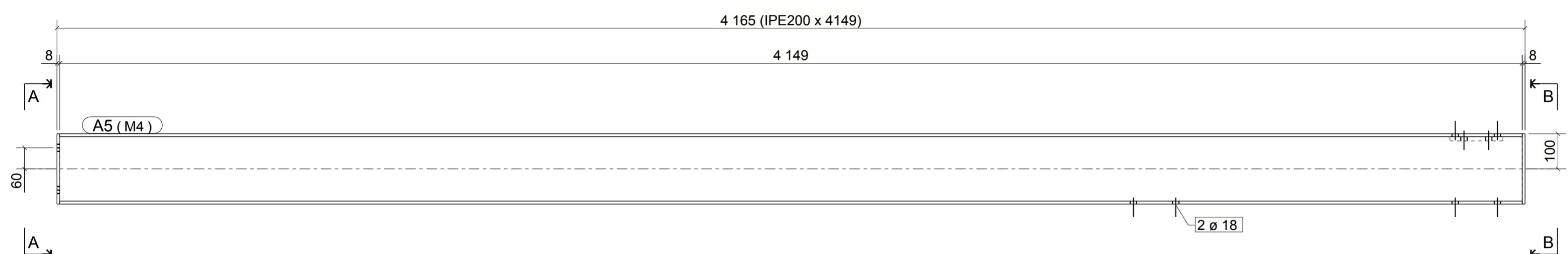
Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

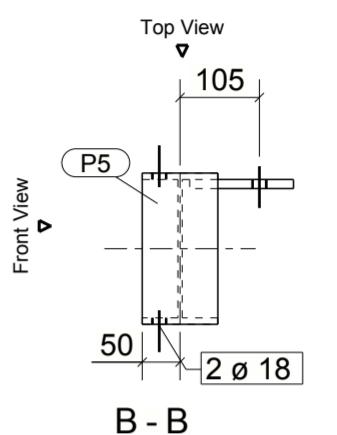
HARD STAMP	QUALITY CONTROL
YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE



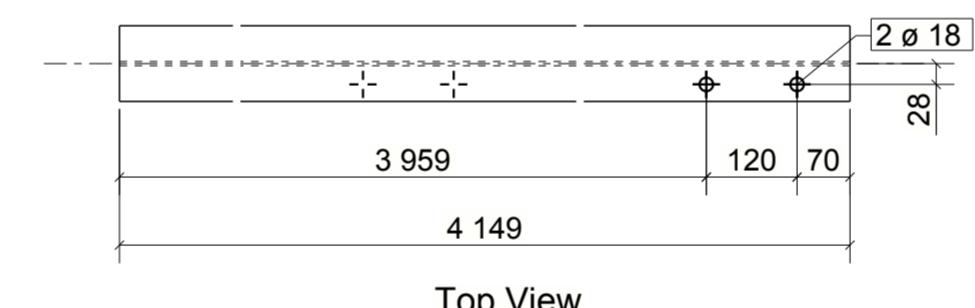
Top View



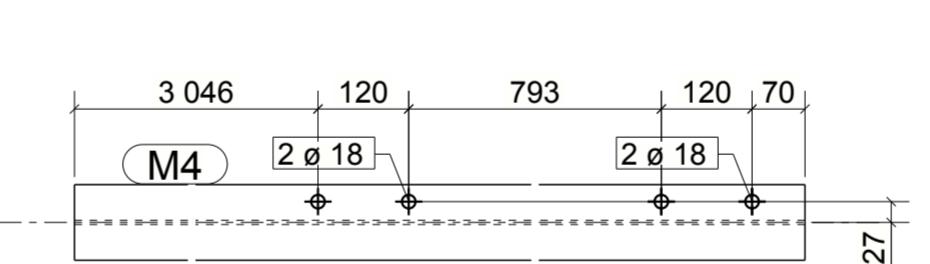
Front View



B - B



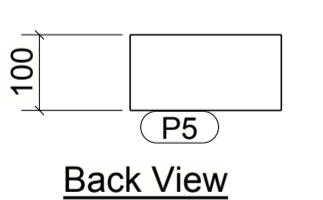
Top View



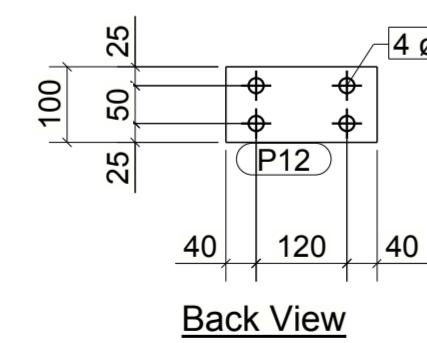
Bottom View



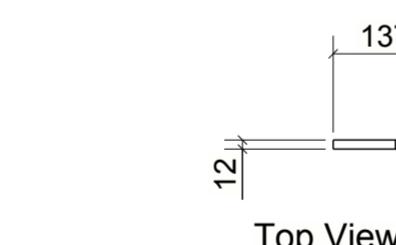
Top View



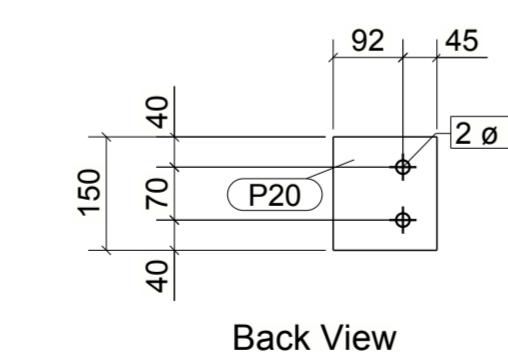
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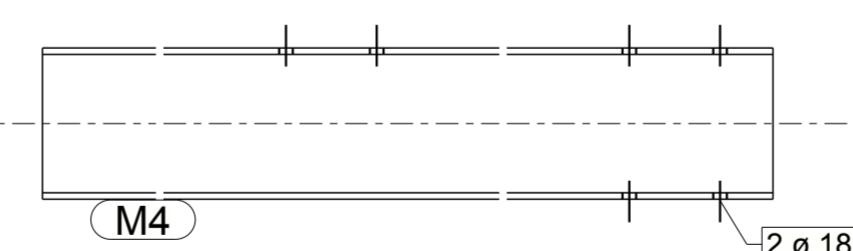
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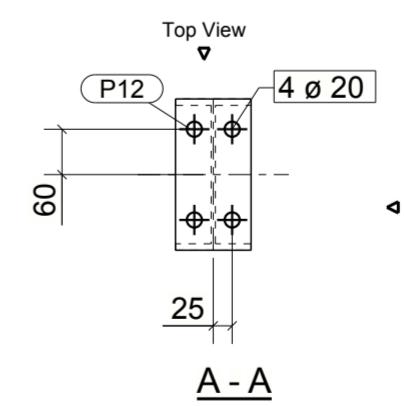
Top View



Back View



Back View



Front View

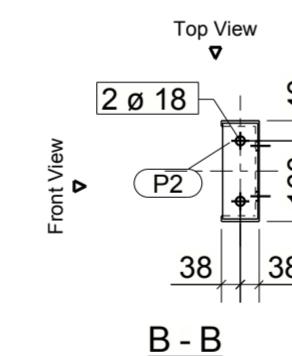
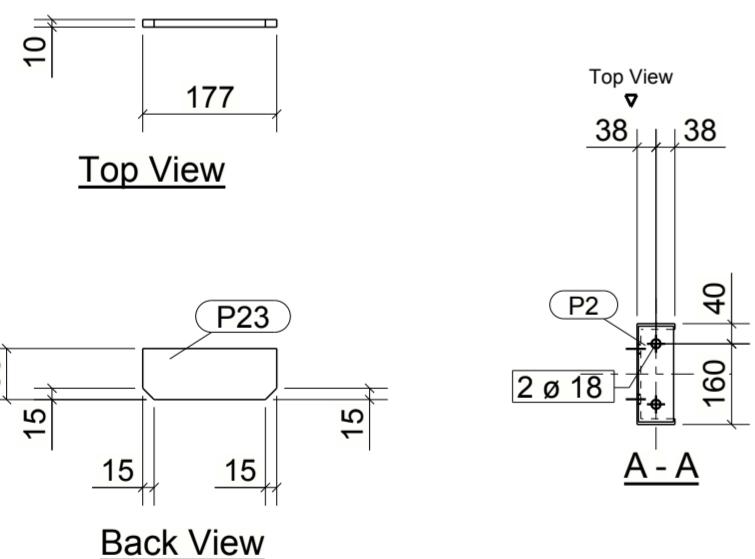
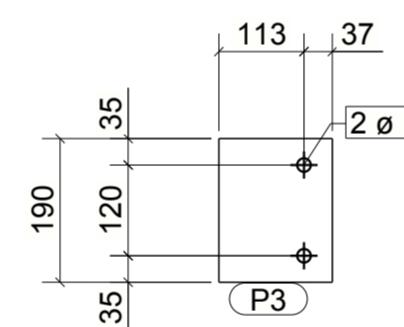
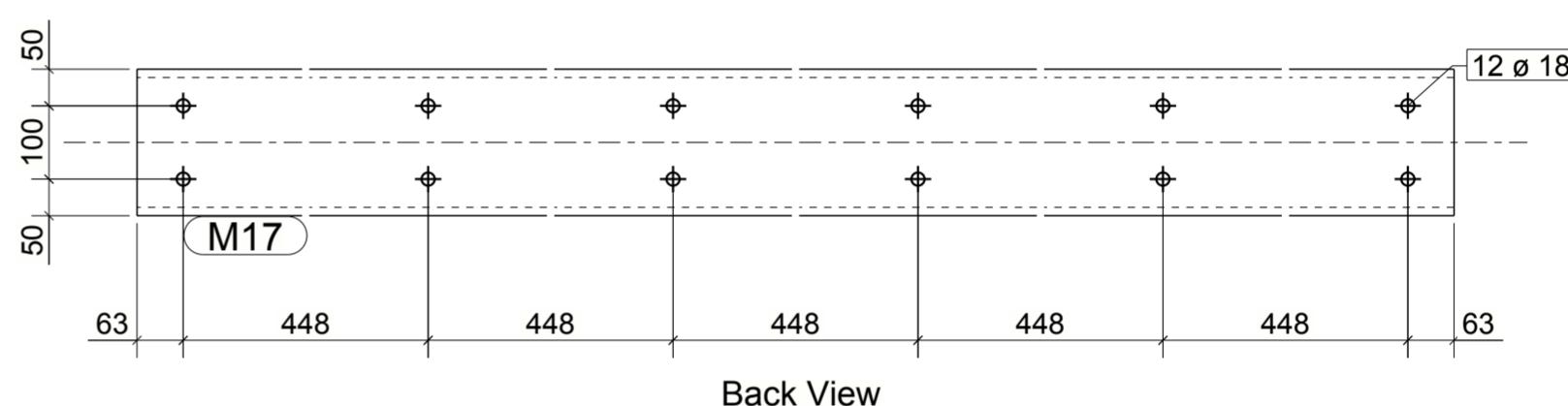
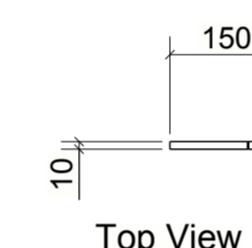
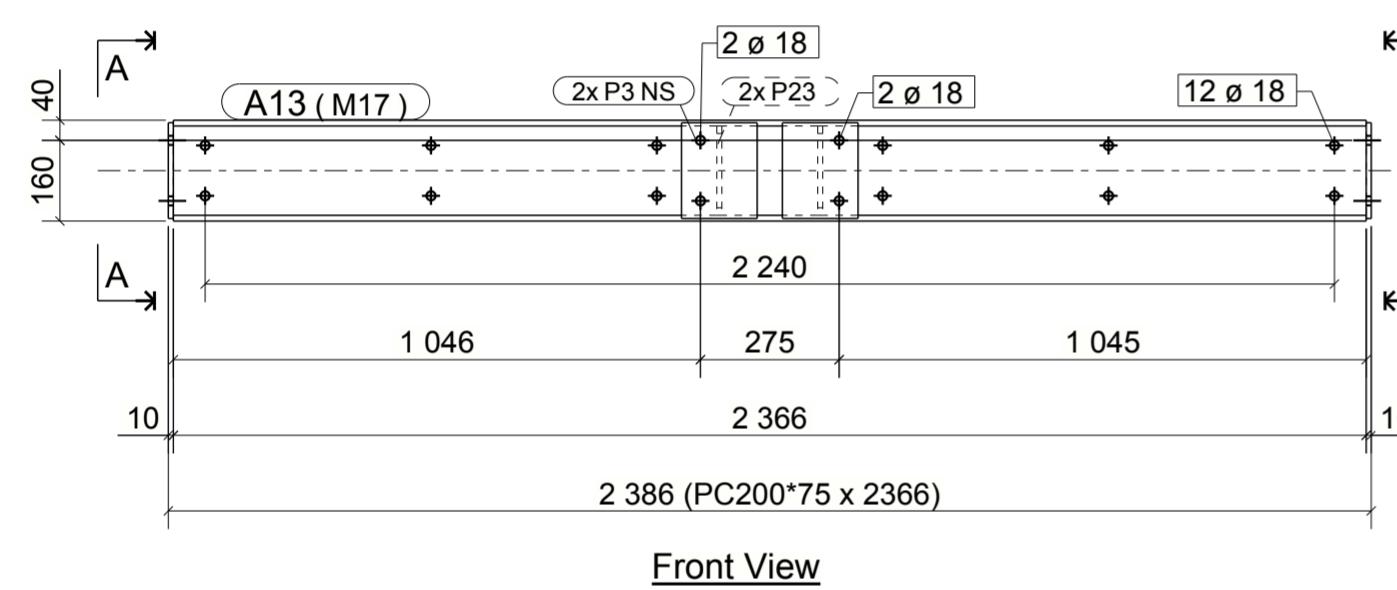
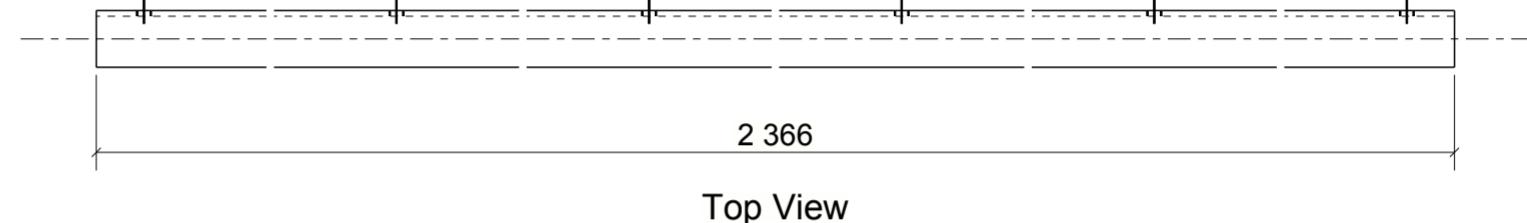
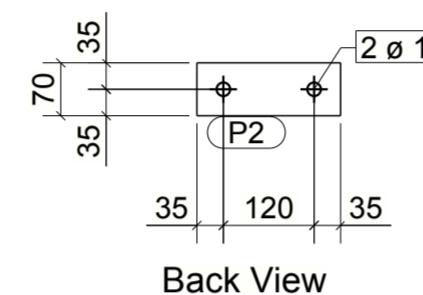
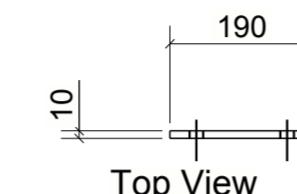
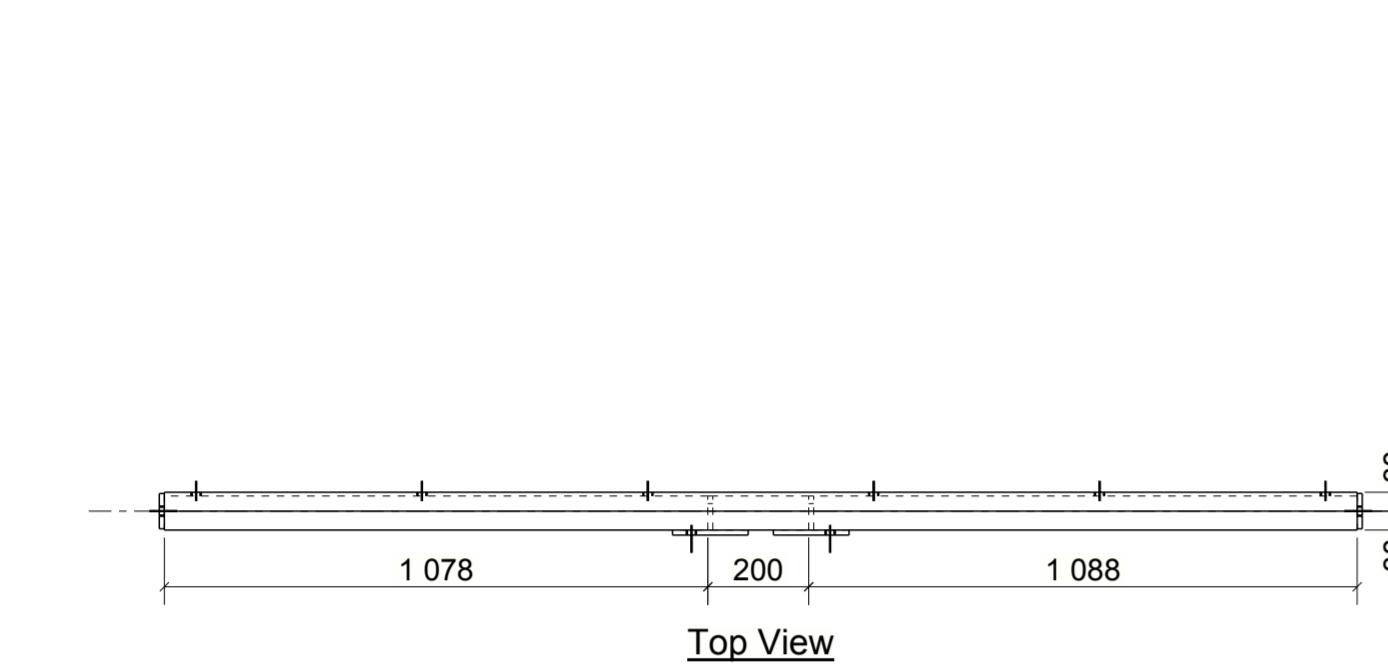
A - A

Material list for 1 Column assembly marked A5 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M4	1	IPE200	4149	S355JR	3.2	92.9
P5	1	FL8*100	200	S355JR	0.0	1.3
P12	1	FL8*100	200	S355JR	0.0	1.3
P20	1	FL12*150	137	S355JR	0.0	1.9
Total for this 1 assembly						3.3 97.4

Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

HARD STAMP	QUALITY CONTROL
YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE

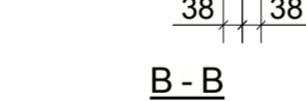
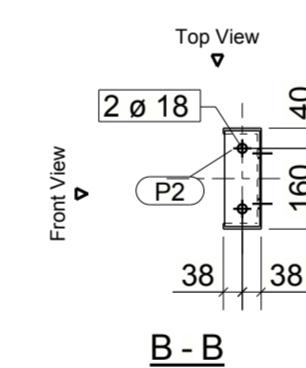
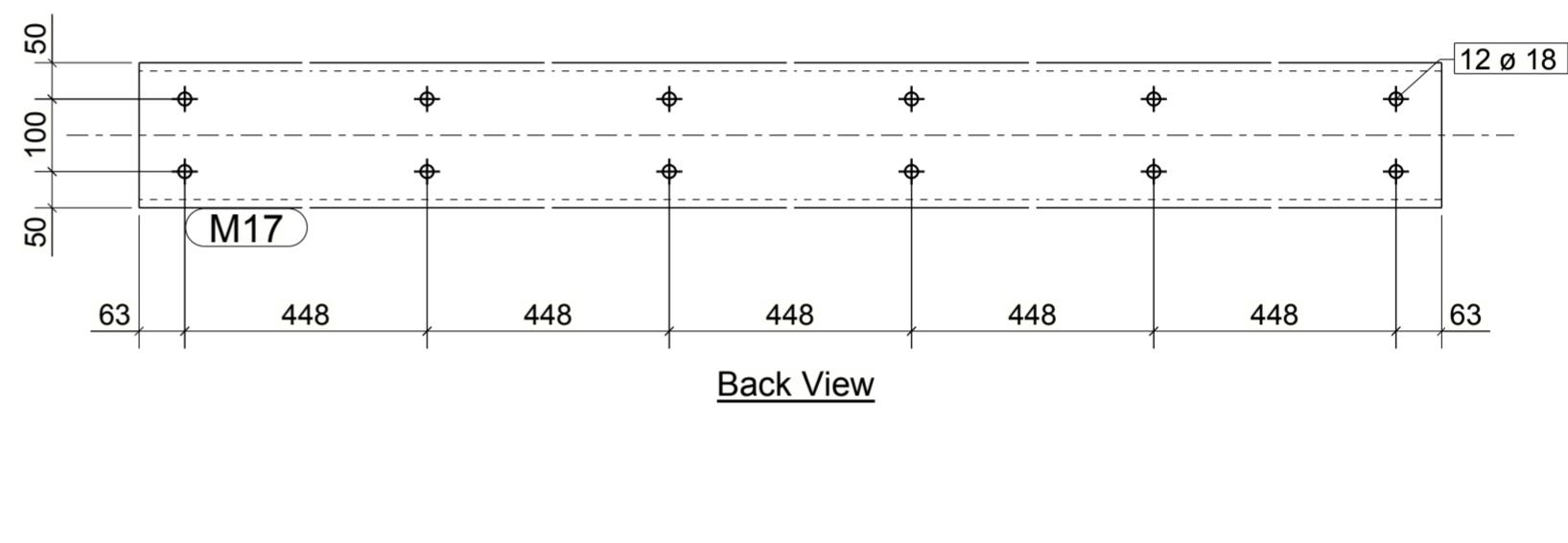
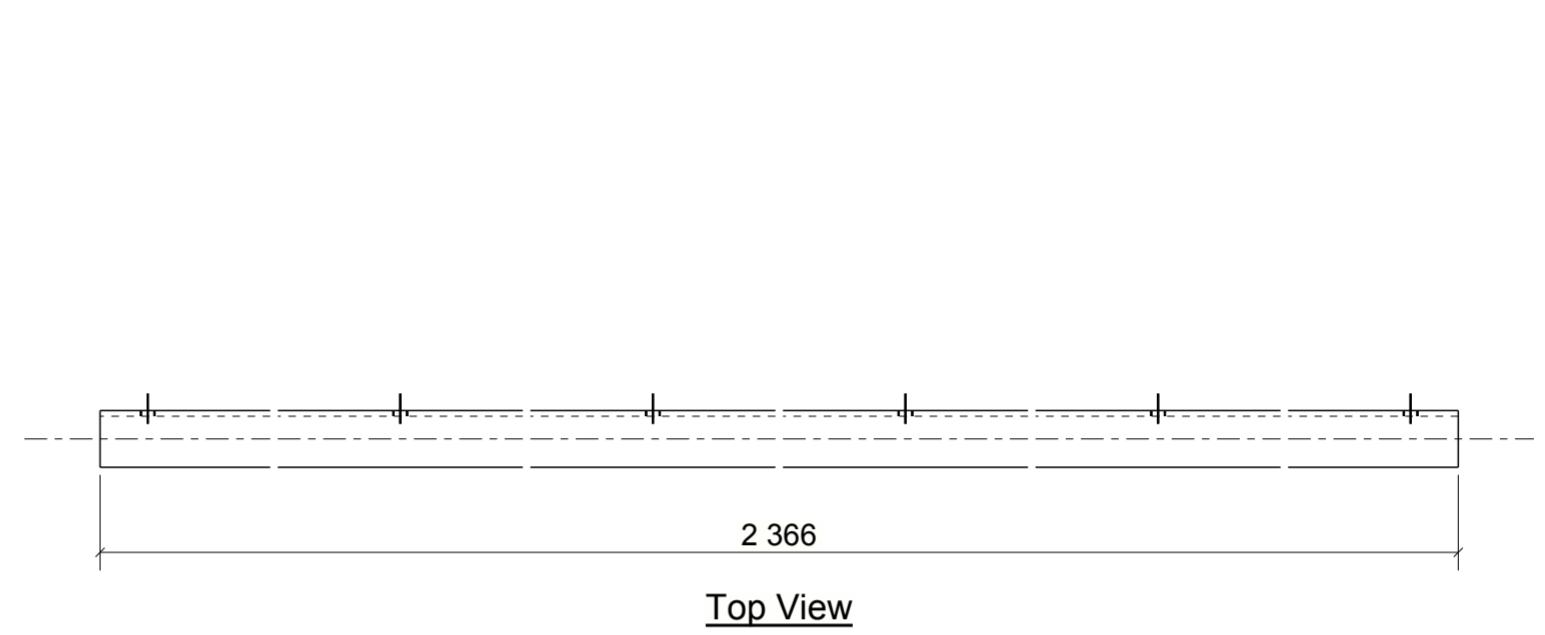
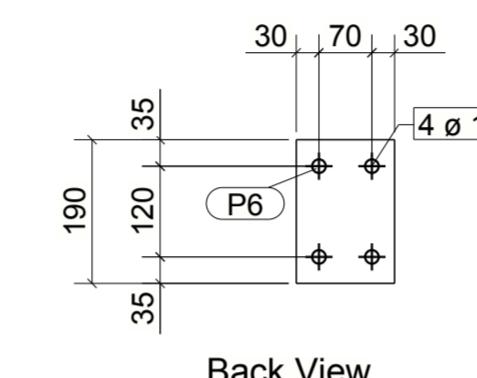
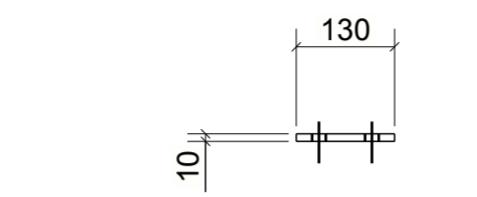
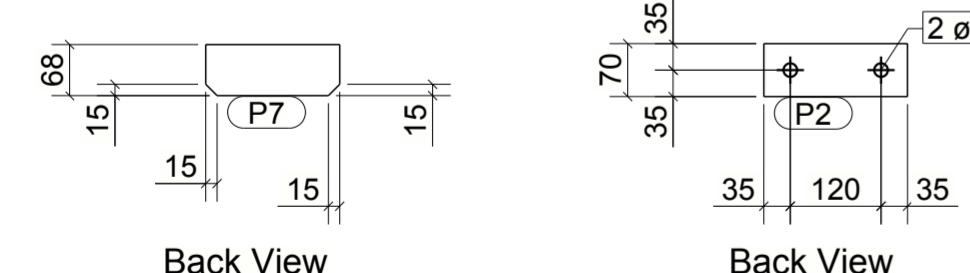
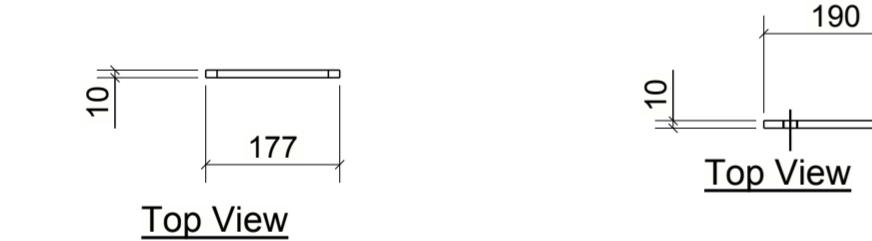
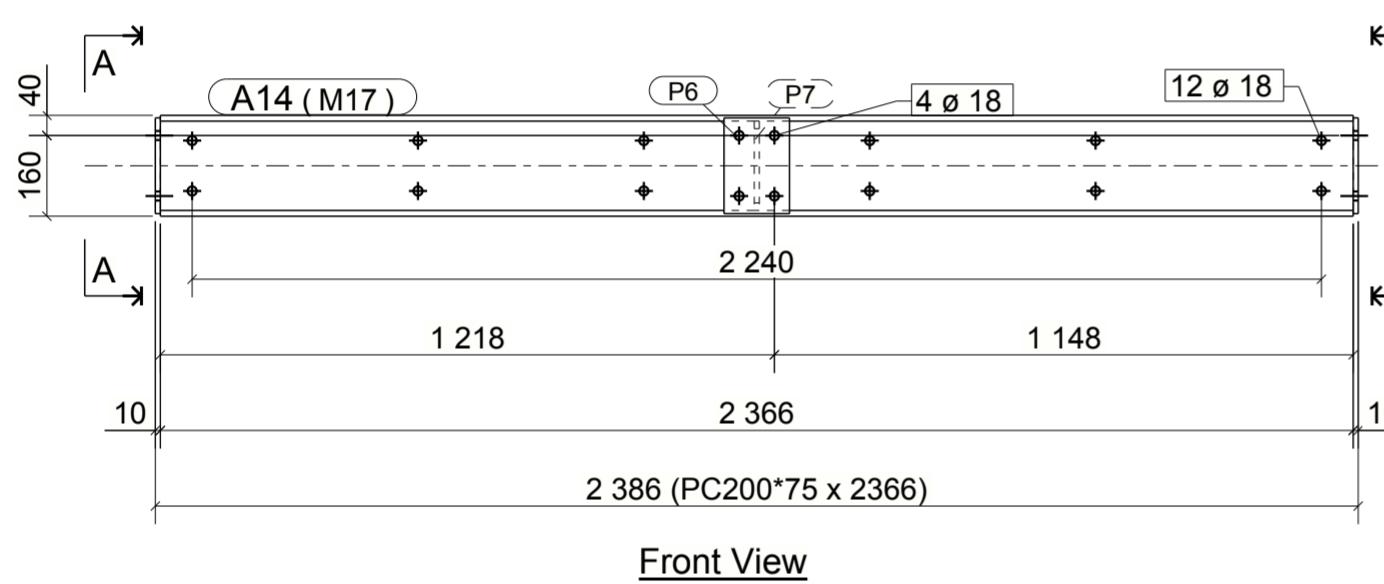
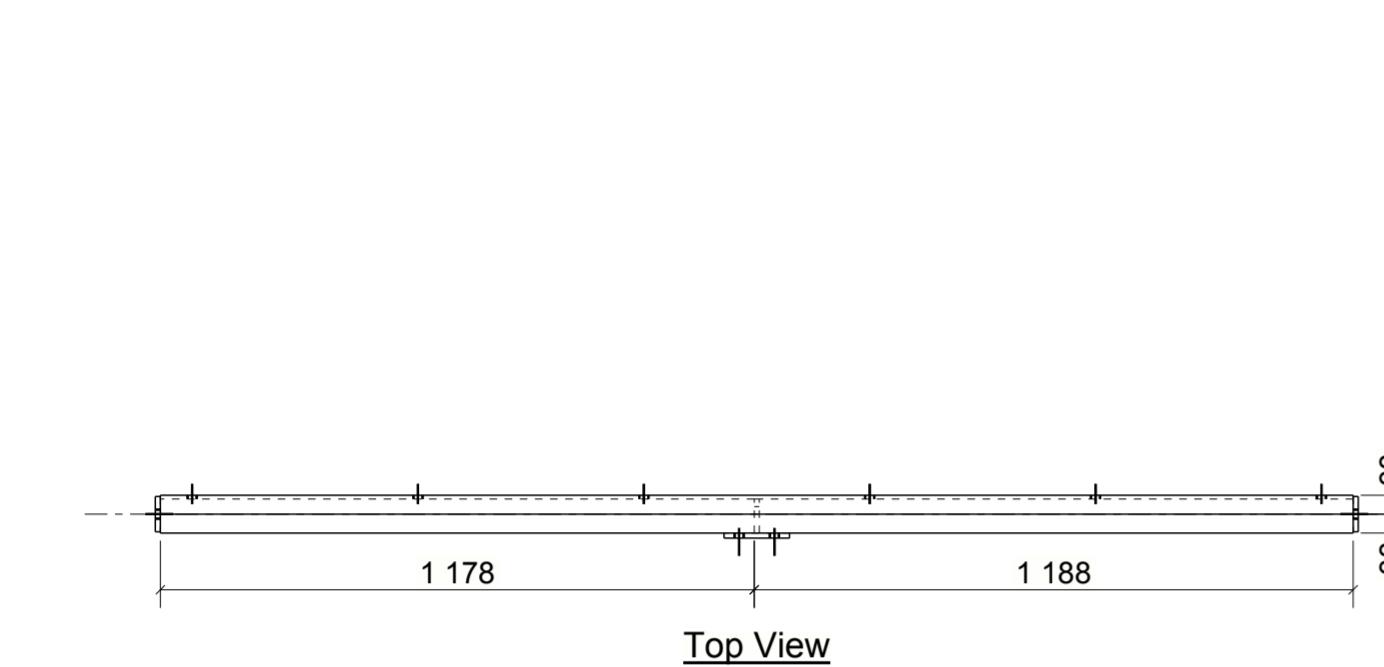


Material list for 1 Stringer assembly marked A13 - only 1 is required					
Mark	No	Profile	Length	Grade	Paint area
M17	1	PC200*75	2366	S355JR	1.6 57.5
P2	2	FL10*70	190	S355JR	0.1 2.1
P3	2	FL10*150	190	S355JR	0.1 4.5
P23	2	PLT10*67.5	177	S355JR	0.1 1.9
Total for this 1 assembly			1.8	65.9	

Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

HARD STAMP	QUALITY CONTROL
YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE

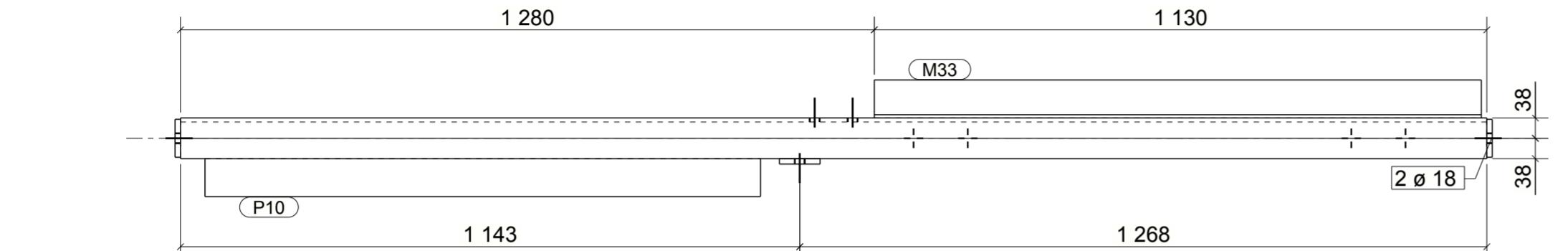


Material list for 1 Stringer assembly marked A14 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M17	1	PC200*75	2366	S355JR	1.6	57.5
P2	2	FL10*70	190	S355JR	0.1	2.1
P6	1	FL10*130	190	S355JR	0.1	1.9
P7	1	PLT10*67.5	177	S355JR	0.0	0.9
Total for this 1 assembly			1.7		62.5	

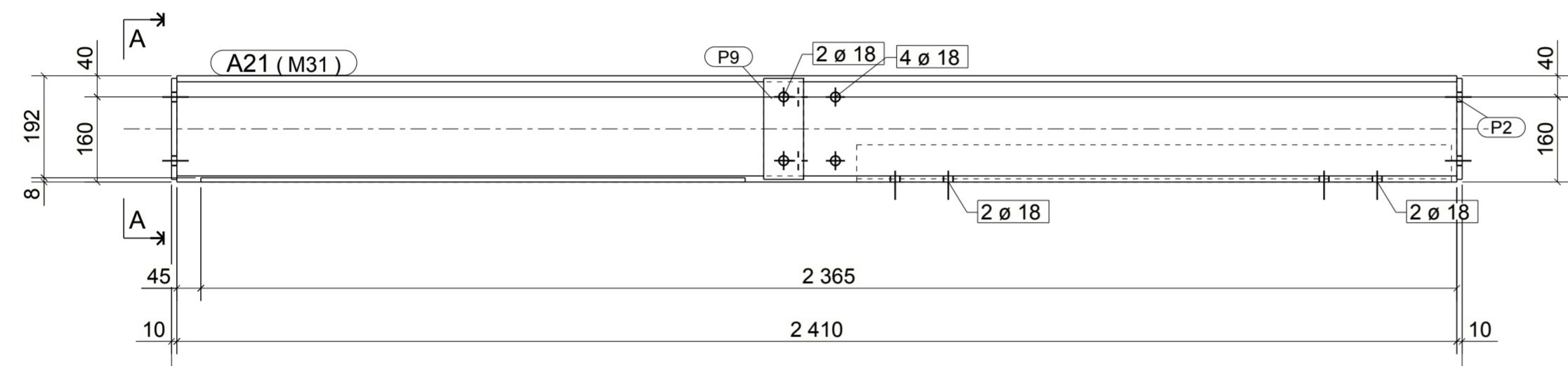
Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

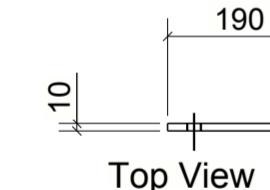
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YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE



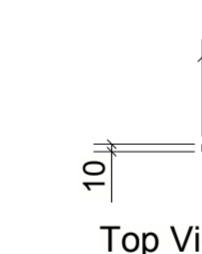
Top View



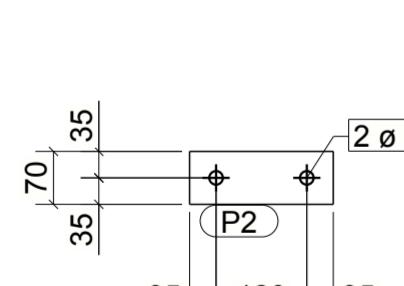
Front View



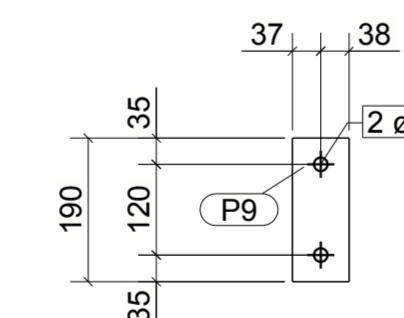
Top View



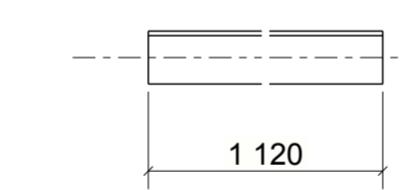
Top View



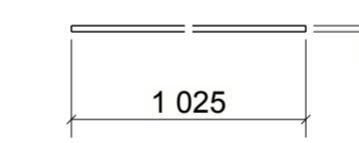
Back View



Back View



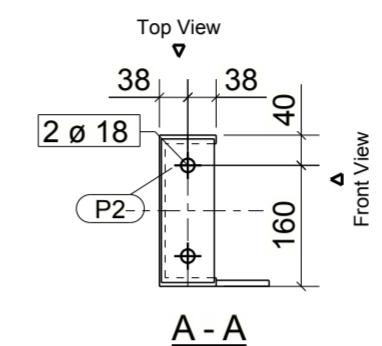
Top View



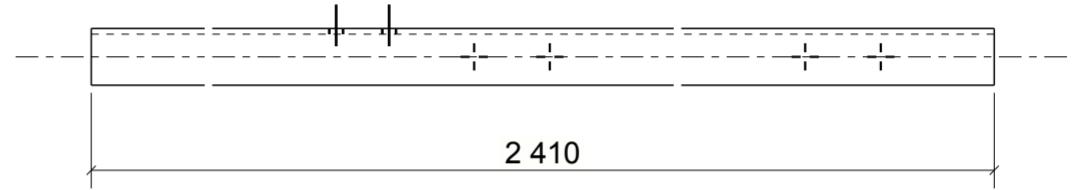
Top View



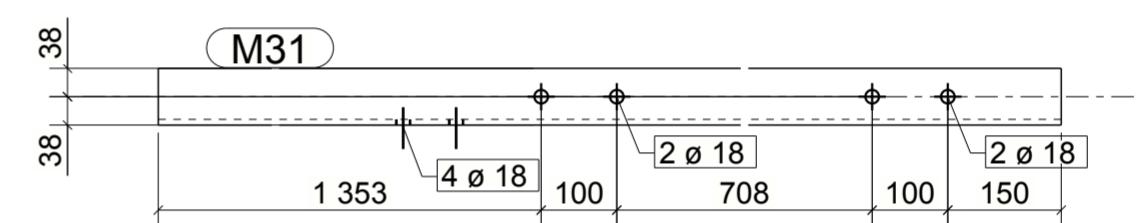
Back View



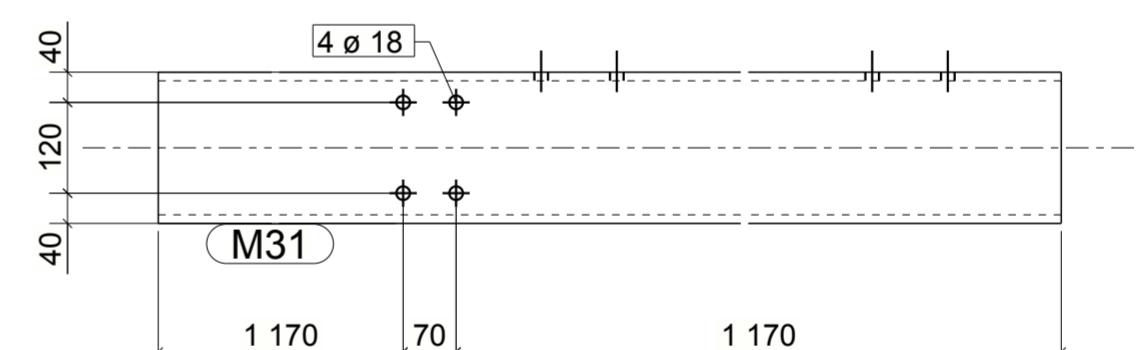
A-A



Top View



Bottom View



Back View

Material list for 1 Beam assembly marked A21 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M31	1	PC200*75	2410	S355JR	1.6	58.6
M33	1	L70*70*6	1120	S355JR	0.3	7.1
P2	2	FL10*70	190	S355JR	0.1	2.1
P9	1	PLT10*75	190	S355JR	0.0	1.1
P10	1	FL8*70	1025	S355JR	0.2	4.5
Total for this 1 assembly						2.2 73.4

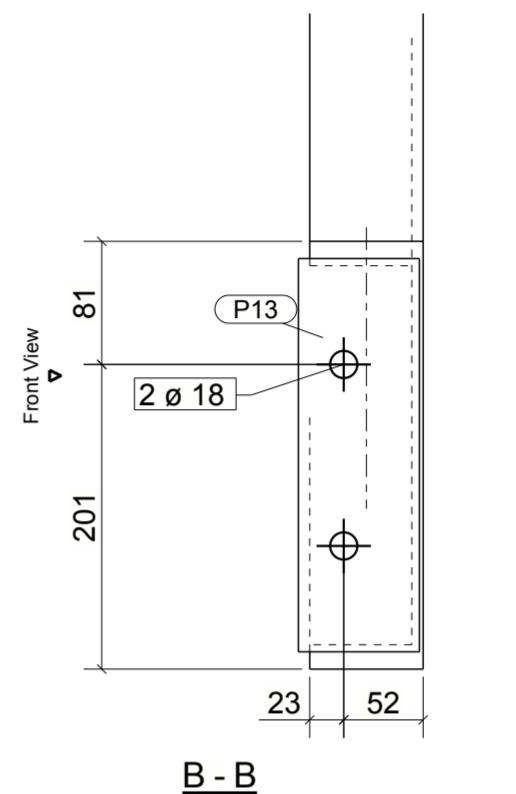
Phase name	Qty
Phase 1	1

General Notes: All steelwork to comply with SANS 2001:CS1 & SANS 1921-3  
All welds 6mm continuous fillet welds unless noted otherwise  
Mark assembly at position shown for correct site orientation

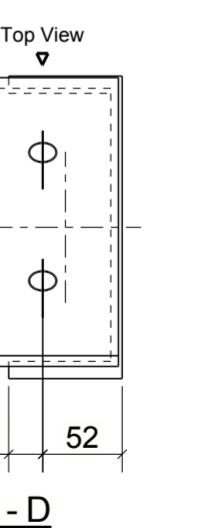
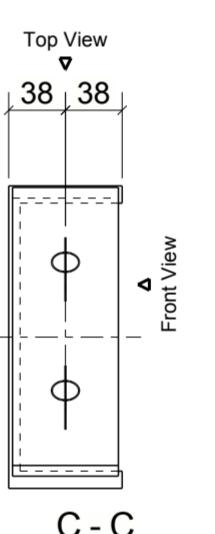
HARD STAMP	QUALITY CONTROL
YS	NAME: DATE COMPLETE: CHECKED BY: RELEASE DATE



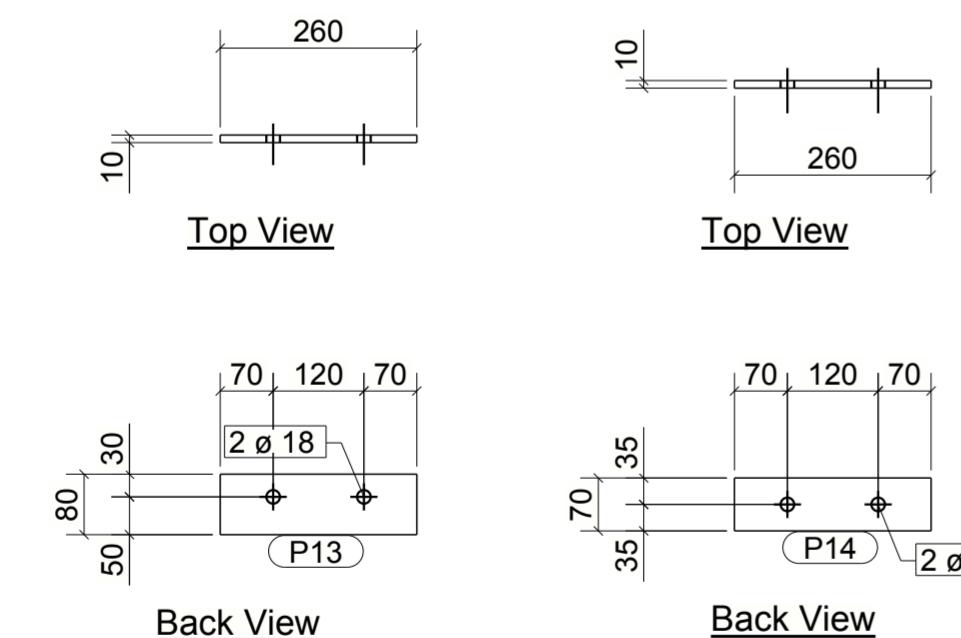
Top View



B-B



Front View

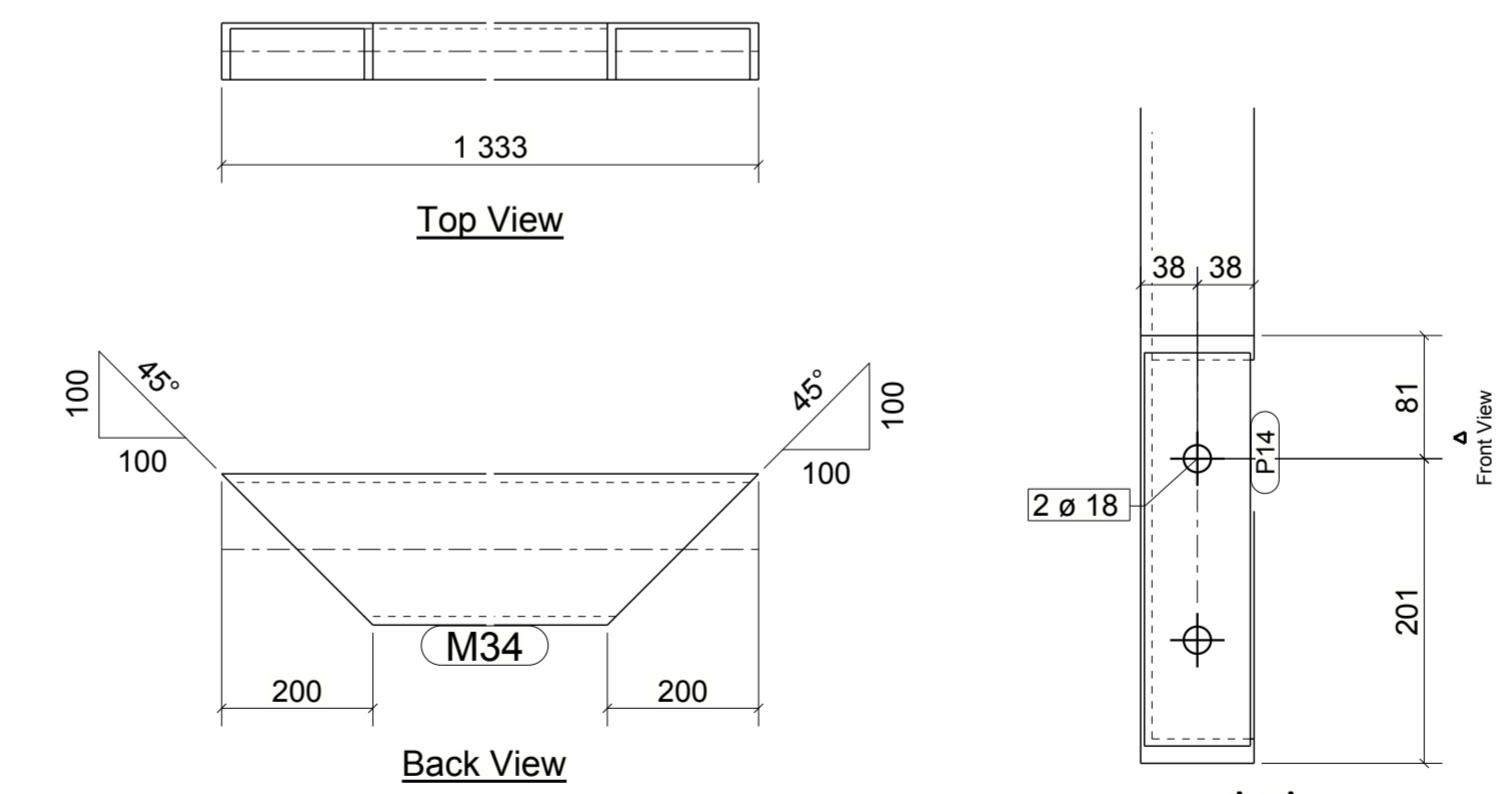


Top View

Top View

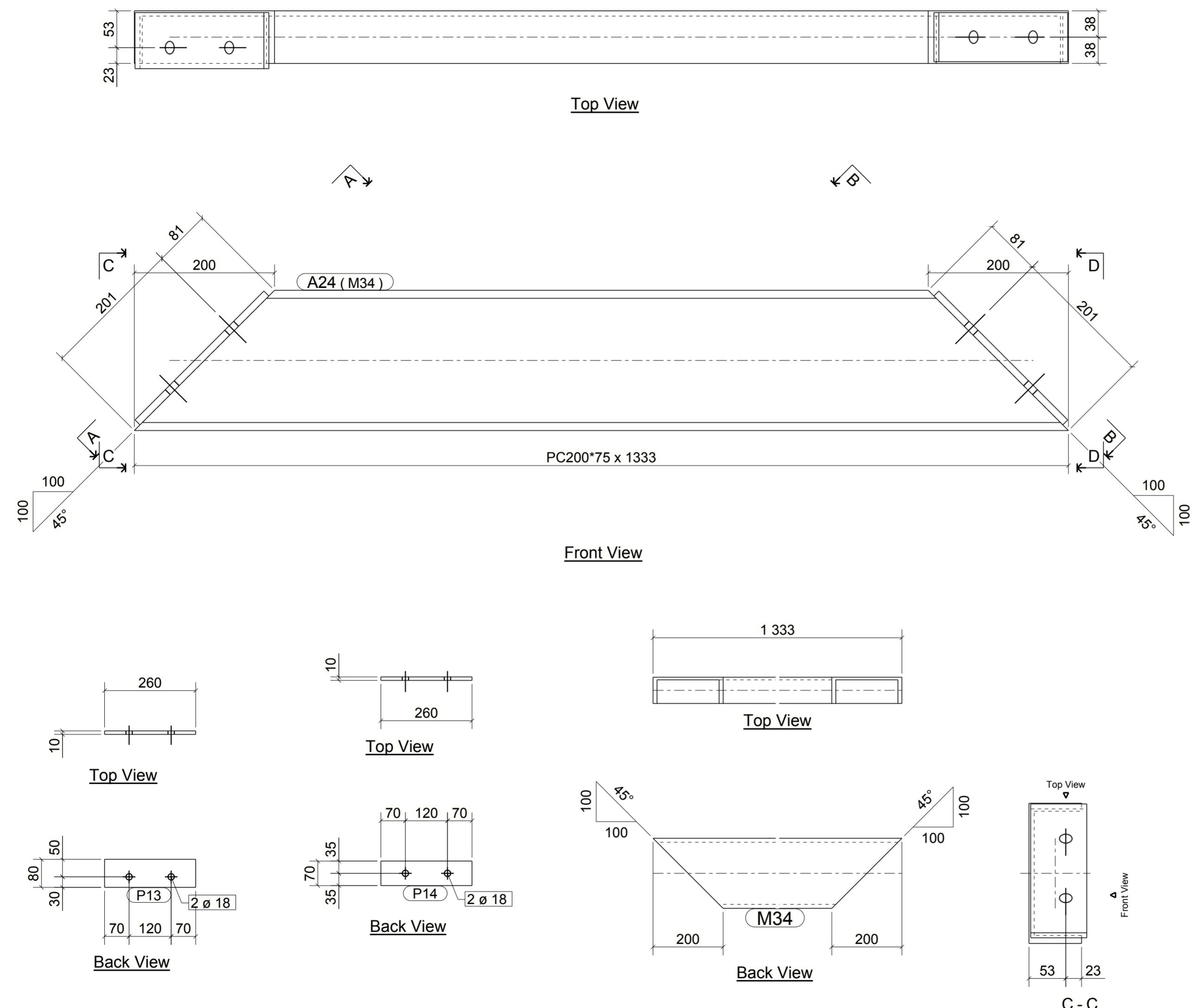
Back View

Back View



A-A

Material list for 1 Stringer assembly marked A23 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mass
M34	1	PC200*75	1333	S355JR	0.9	32.4
P13	1	FL10*80	260	S355JR	0.0	1.6
P14	1	FL10*70	260	S355JR	0.0	1.4
Total for this 1 assembly			1.0		35.4	



Material list for 1 Stringer assembly marked A24 - only 1 is required						
Mark	No	Profile	Length	Grade	Paint area	Mat
M34	1	PC200*75	1333	S355JR	0.9	32
P13	1	FL10*80	260	S355JR	0.0	1
P14	1	FL10*70	260	S355JR	0.0	1
Total for this 1 assembly					1.0	35

1	1	FOR CONSTRUCTION	08.10.2025
Rev.	Mark	Revision Description	Date



**OGILVIE ENGINEERING  
COTSWOLD CHECKERS  
YARD STEEL STAIR  
Cotswold Estate, Hillcrest, Durban KZN**

		Drawn Scale	J.P.R 1:10
	 <b>Tekla</b> Structures	Issued Revised	18.10.2025
		Project Number	PSM 25179
	Assembly Drawing	A [A.24]	Rev 1