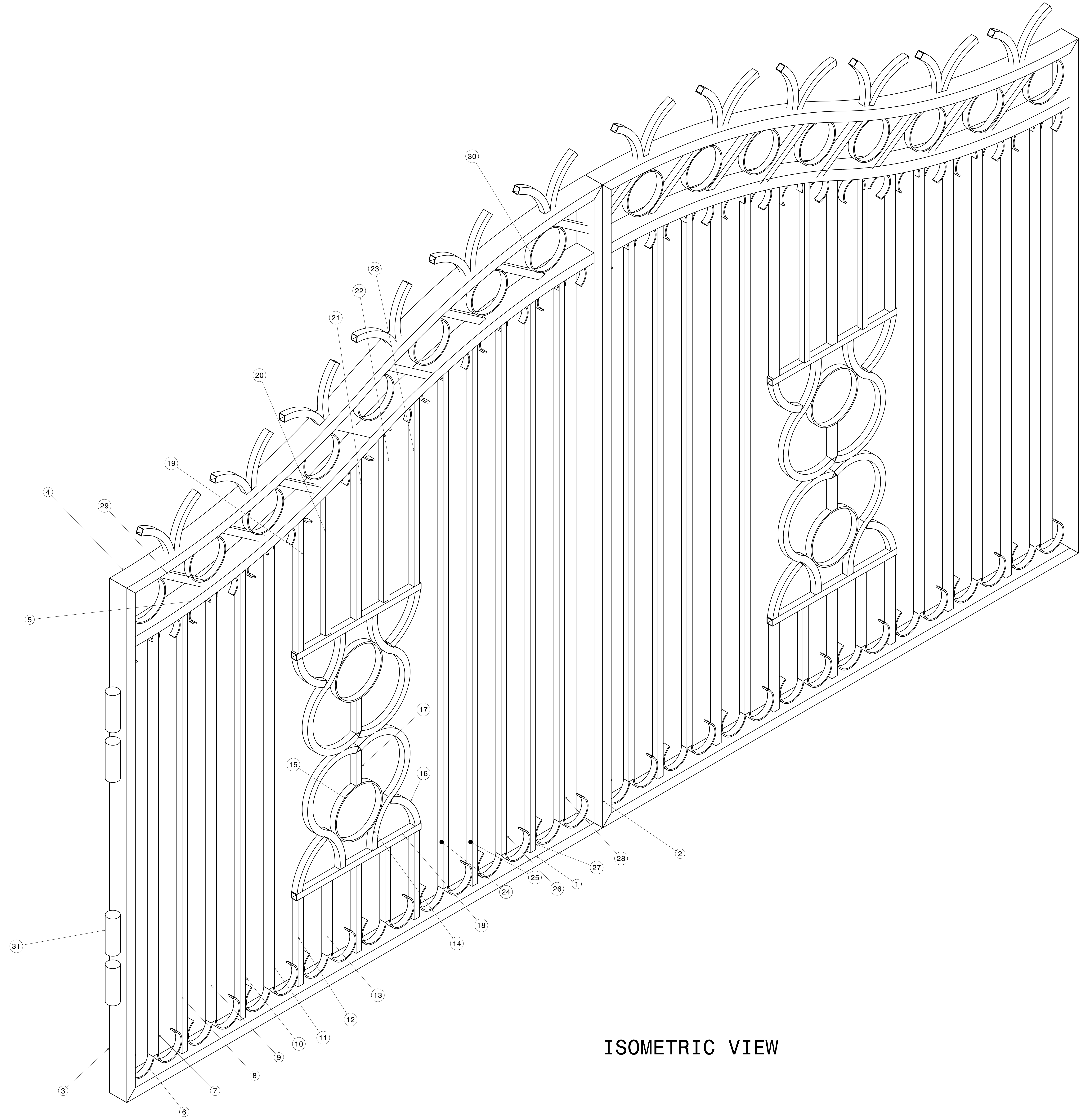


REV/DATE	DESCRIPTION
A / 2/28/2020	INITIAL REVISION

NOTES:

- (⊥) ALL VERTICAL SUPPORTS ARE PERPENDICULAR.
- FLATNESS OF .5MM IS APPLIED BY DEFAULT.
- ⊥ WELD BEAD OF 2MM RADIUS IS FOLLOWED.
- ▽ SURFACE FINISH MEDIUM TO SMOOTH IS USED.
- ALL TUBES ARE AS PER APL APOLLO STANDARD. CHANGES MAY EFFECT THE LOAD CAPACITY.
- DUAL DIMENSIONS USED WITH BOTH METRIC AND INCH SYSTEM.
- ALL HORIZONTAL AND VERTICAL TUBES ARE PERPENDICULAR TO EACH OTHER WITH ±1 DEG.
- FINE WELDING IS REQUIRED AS PER MENTIONED DETAILS AND FINISHING.
- HIGHER CURRENT WELDING MAY AFFECT THE BRITTLNESS OF MATERIAL WHICH LATER MAY RAISE TO WEAKENING OF STRUCTURE.



ISOMETRIC VIEW

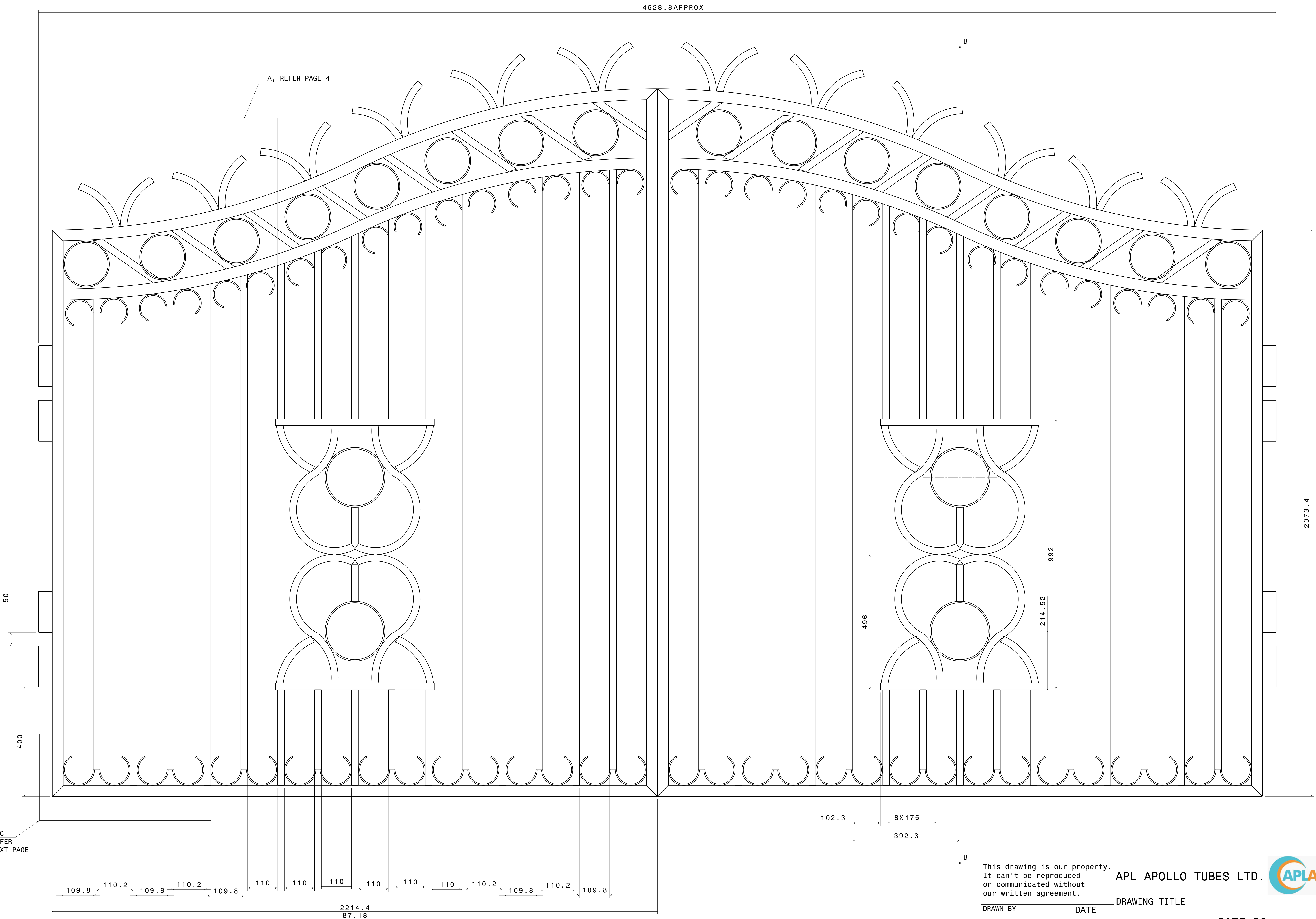
31	HINGE	SEE DETAILS	8
30	Circular tube 2	SEE DETAILS	16
29	Square tube 34 Frame 24	25 X 25 X 1.6 X 300	16
28	Square tube 34 Frame 23	25 X 25 X 1.6 X 2198.5	2
27	Square tube 34 Frame 22	25 X 25 X 1.6 X 2245.5	2
26	Square tube 34 Frame 21	25 X 25 X 1.6 X 2171.5	2
25	Square tube 34 Frame 20	25 X 25 X 1.6 X 2203.5	2
24	Square tube 34 Frame 19	25 X 25 X 1.6 X 2114	2
23	Square tube 34 Frame 18	25 X 25 X 1.6 X 788.5	2
22	Square tube 34 Frame 17	25 X 25 X 1.6 X 739	2
21	Square tube 34 Frame 16	25 X 25 X 1.6 X 680	2
20	Square tube 34 Frame 15	25 X 25 X 1.6 X 621	2
19	Square tube 34 Frame 14	25 X 25 X 1.6 X 571	2
18	Square tube 34 Frame 13	25 X 25 X 1.6 X 580	4
17	Square tube 34 Frame 12	25 X 25 X 1.6 X 134	4
16	Square tube 34 Curved 2	25 X 25 X 1.6 X SEE DETAILS	56
15	Circular Tube 2	25 X 25 X 1.6 X SEE DETAILS	4
14	Square tube 34 Curved 1	25 X 25 X 1.6 X SEE DETAILS	8
13	Square tube 34 Frame 8	25 X 25 X 1.6 X 293	4
12	Square tube 34 Frame 7	25 X 25 X 1.6 X 350	6
11	Square tube 34 Frame 6	25 X 25 X 1.6 X 1813.5	2
10	Square tube 34 Frame 5	25 X 25 X 1.6 X 1837.5	2
9	Square tube 34 Frame 4	25 X 25 X 1.6 X 1754.5	2
8	Square tube 34 Frame 3	25 X 25 X 1.6 X 1793.5	2
7	Square tube 34 Frame 2	25 X 25 X 1.6 X 1725.5	2
6	Circular Tube 1	SEE DETAILS	32
5	Rectangle tube 34 Frame 2 Curved	SEE DETAILS	2
4	Rectangle tube 34 Frame 1 Curved	SEE DETAILS	2
3	Rectangle Tube 34.1 Frame 3	80 X 40 X 2.9 X 2073.4	2
2	Rectangle Tube 34.1 Frame 2	80 X 40 X 2.9 X 2591	2
1	Rectangle Tube 34.1 Frame 1	80 X 40 X 2.9 X 2115	2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
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DRAWN BY		DATE	
SB		2/28/2020	
CHECKED BY		DATE	
P2P Analysis & Solutions		2/28/2020	
DESIGNED BY		DATE	
P2P Analysis & Solutions		2/28/2020	
DRAWING TITLE		GATE 34	
SIZE	DRAWING NUMBER	REV	
A0	P2P APL 00034	00	
SCALE	NONE	WEIGHT (kg)	240
SHEET		1	

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN MM VIEWS: THIRD ANGLE PROJECTION



REV	DATE	DESCRIPTION
00	1/28/2020	INITIAL REVISION



Left view
Scale: 1:5

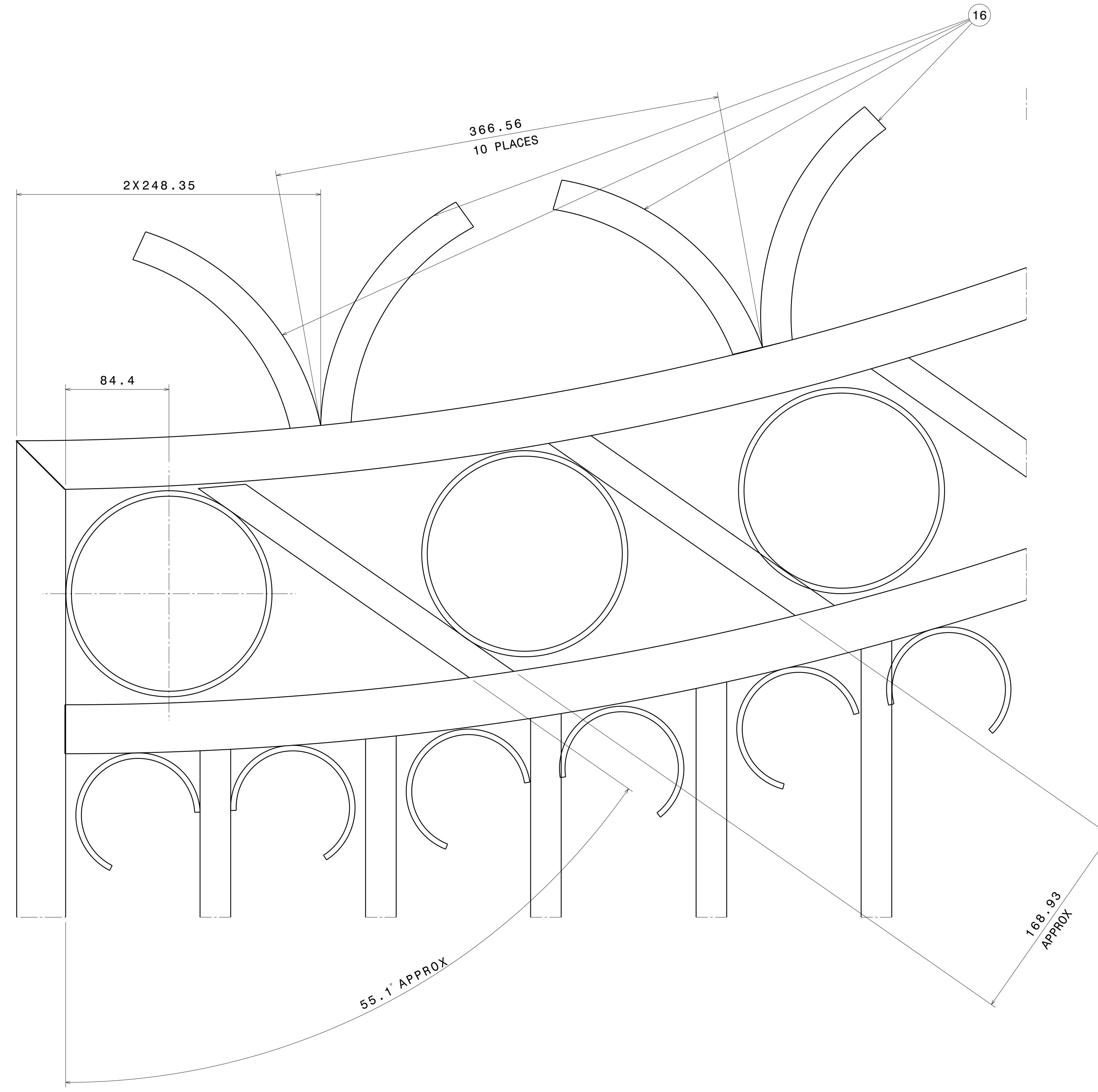
UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN MM
VIEWS: THIRD ANGLE PROJECTION

DRAWN BY	DATE
SB	1/28/2020
CHECKED BY	DATE
P2P Analysis & Solutions	1/28/2020
DESIGNED BY	DATE
P2P Analysis & Solutions	1/28/2020

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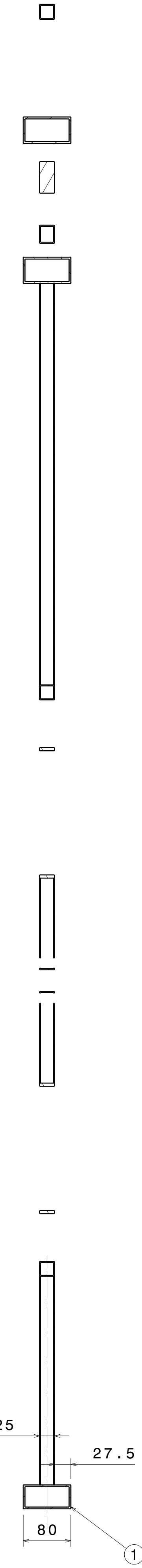
APL APOLLO TUBES LTD.	
DRAWING TITLE	
GATE 30	
SIZE	DRAWING NUMBER
A0	P2P APL_00030
SCALE	WEIGHT (kg)
NONE	XXX
SHEET	2

REV	DATE	DESCRIPTION
00	1/28/2020	INITIAL REVISION

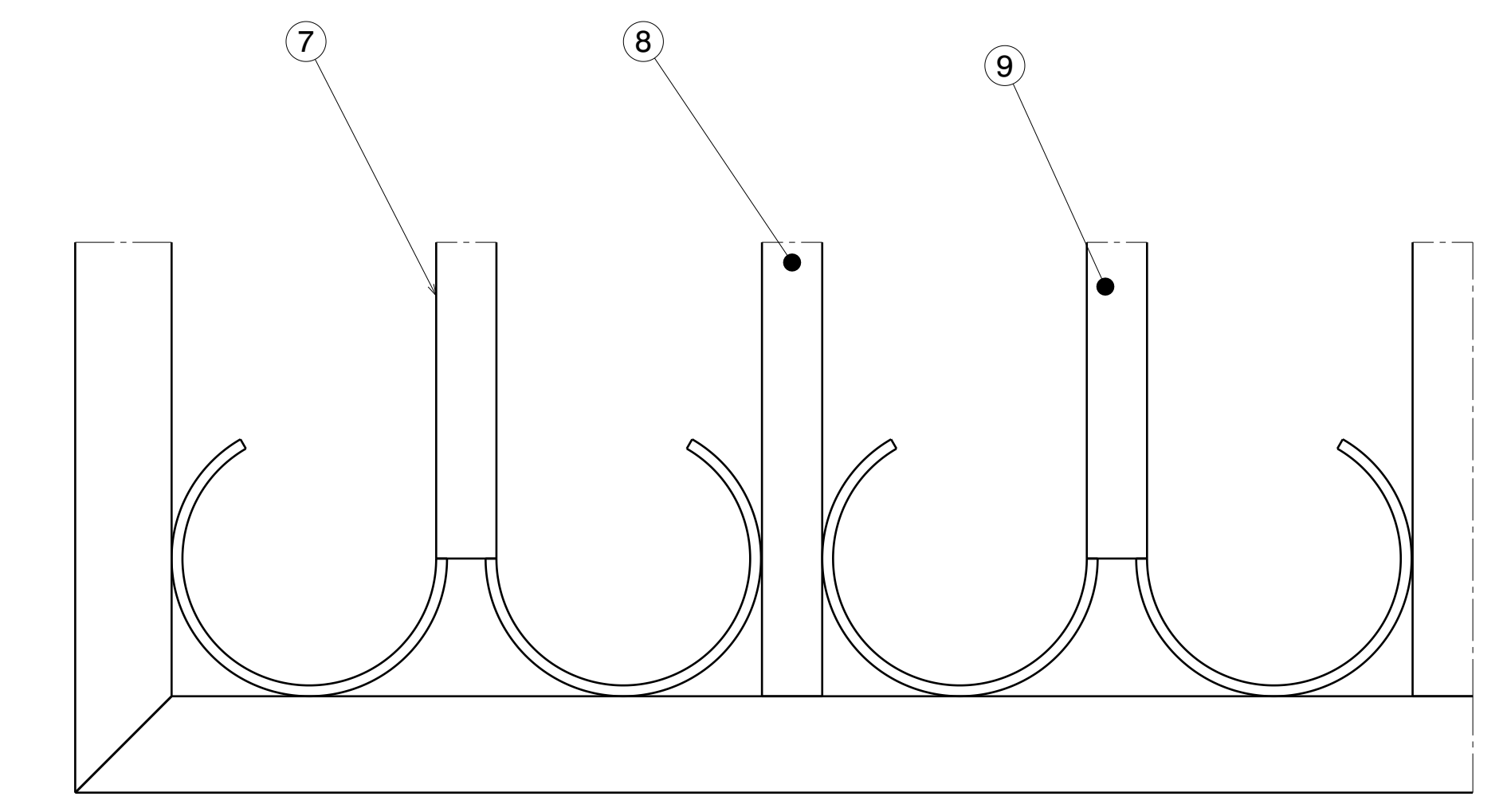


DIMENSIONS ARE APPROXIMATE FABRICATOR IS ALLOWED TO CHANGE DIMENSIONS AND LOCATION OF WELD TO ACHIEVE THE STRUCTURES AS SHOWN. PLEASE NOTE: STRUCTURAL PIECES TO BE WELDED IN SUCH A WAY THAT EVERY PIECE MUST BE WELDED AT MINIMUM TWO PLACES WITH THEIR ADJACENT COMPONENTS.

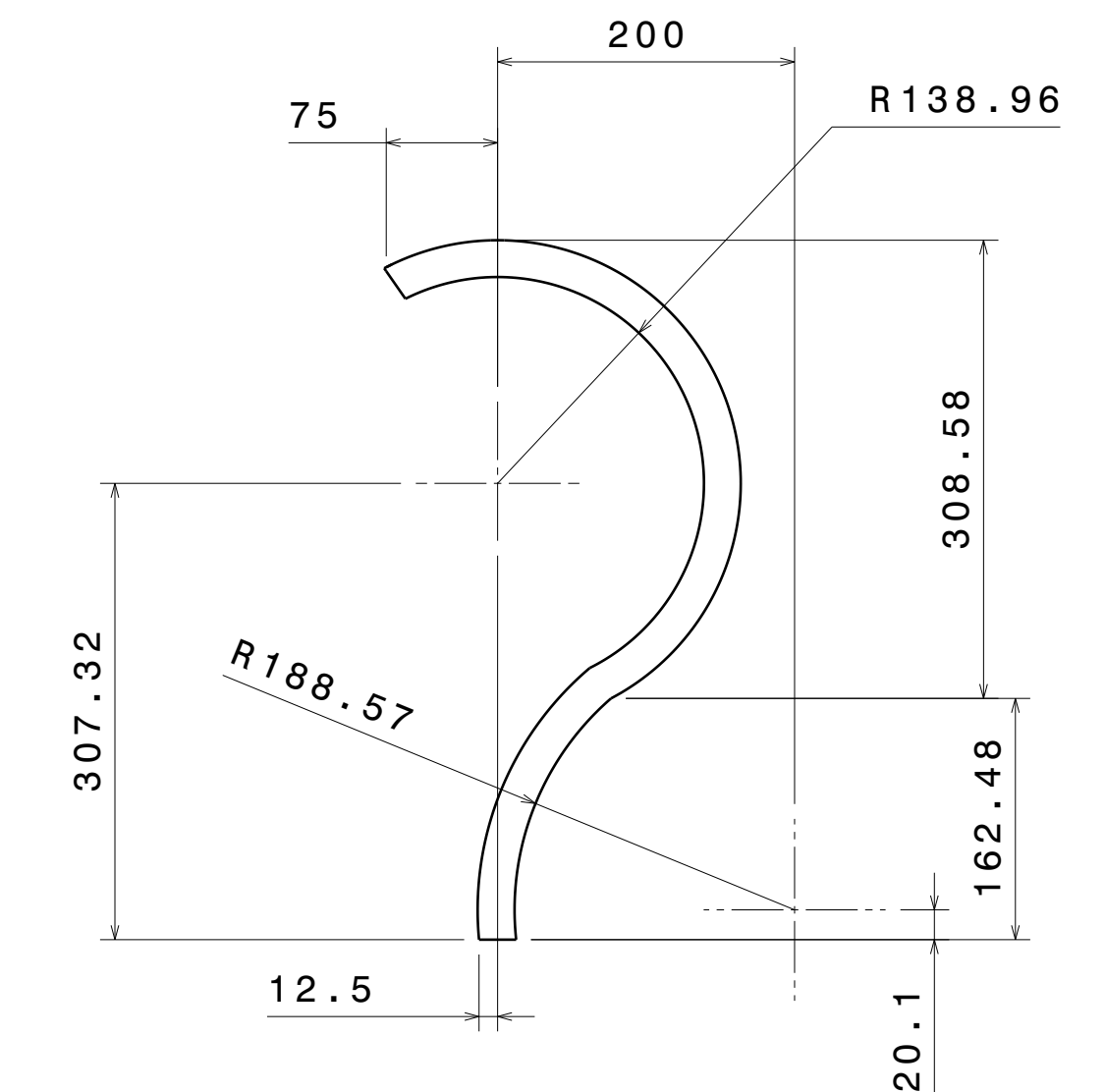
Detail A
Scale: 1:2



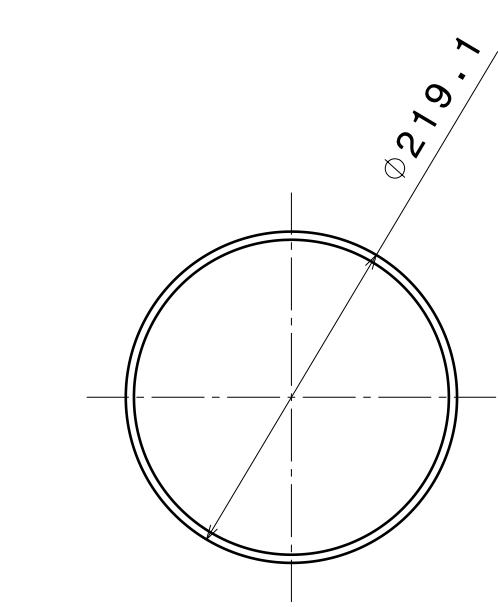
Section cut B-B
Scale: 1:5



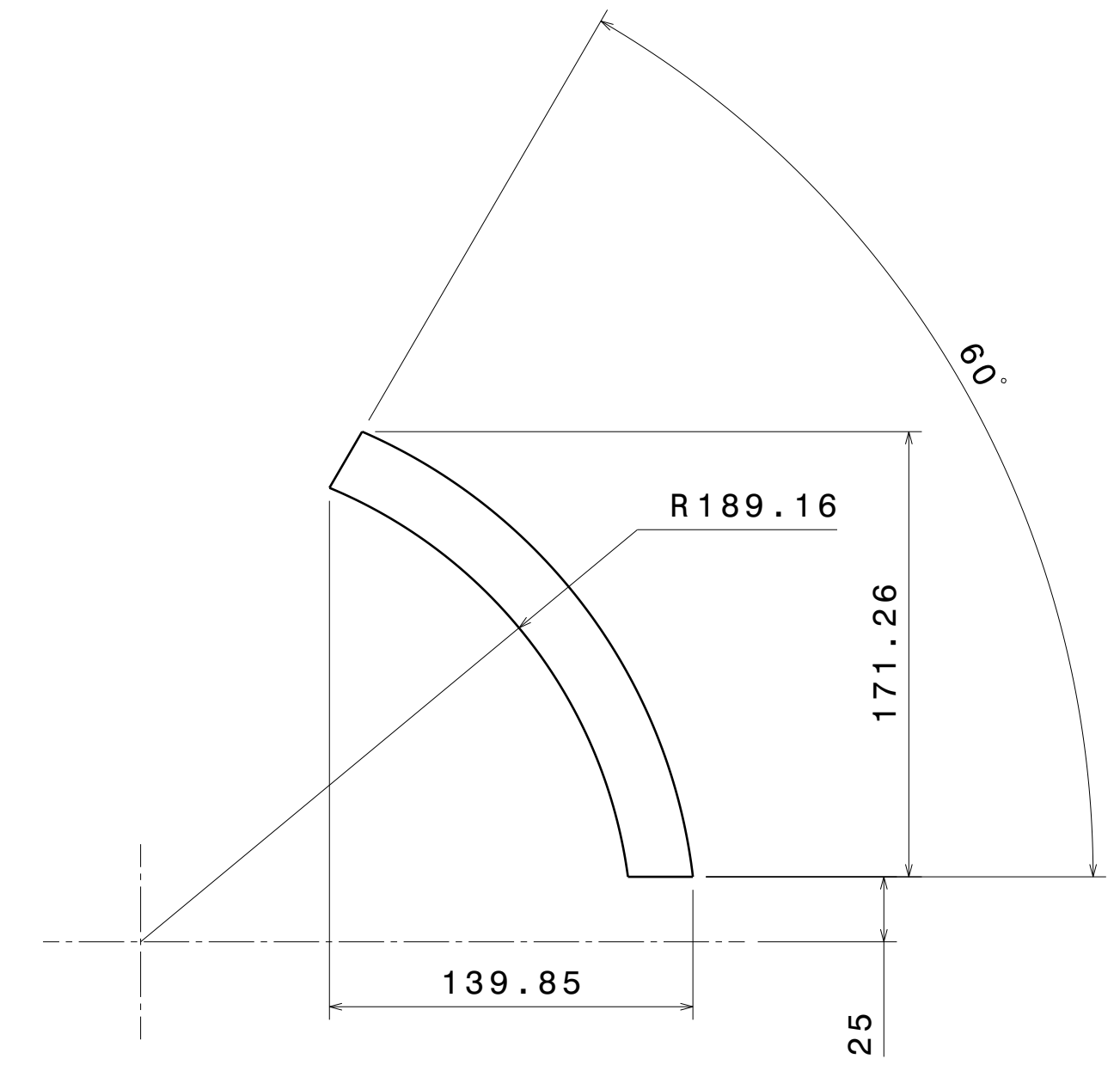
Detail C
Scale: 2:5



ITEM 14
SECTION: 25X25X1.6



ITEM 15
5.4 THK X 25MM WIDE



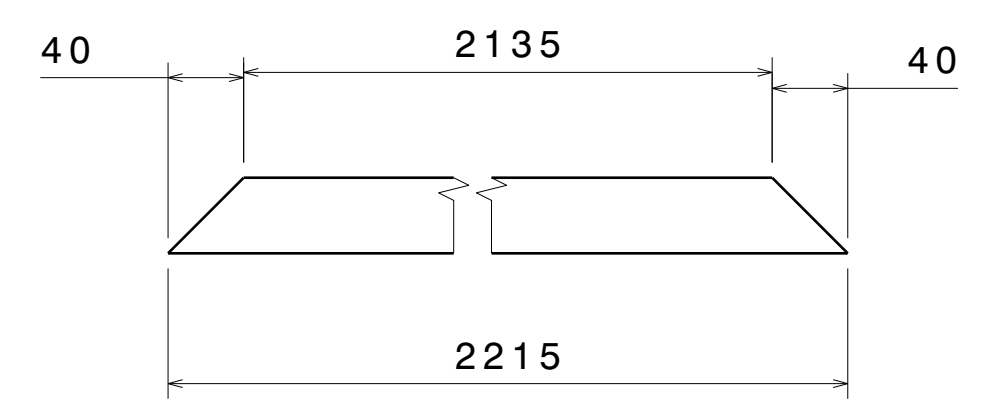
ITEM 16
25X25X1.6

UNLESS OTHERWISE STATED, ALL COMPONENTS ARE SYMMETRICALLY PLACED WITH EACH OTHER

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CHECKED BY P2P Analysis & Solutions		DATE 2/28/2020	
DESIGNED BY P2P Analysis & Solutions		DATE 2/28/2020	
SIZE A0	DRAWING NUMBER P2P APL_00034	REV 00	
SCALE NONE	WEIGHT (kg) XXX	SHEET 3	

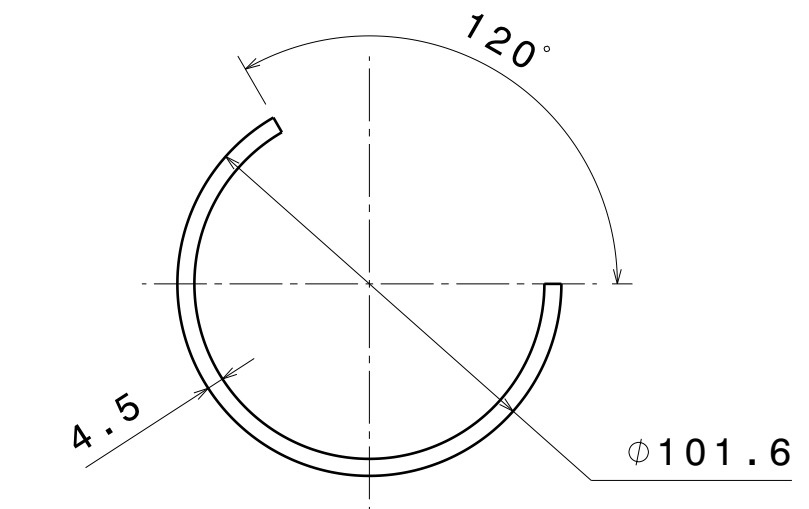
UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN MM VIEWS: THIRD ANGLE PROJECTION

REV	DATE	DESCRIPTION
00	1/28/2020	INITIAL REVISION

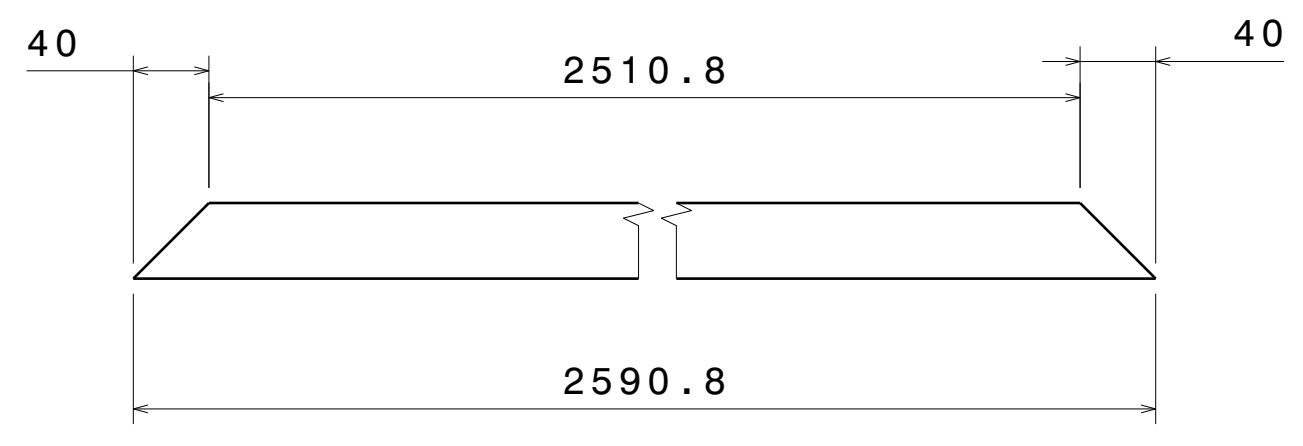


ITEM 1

Right view
Scale: 1:4

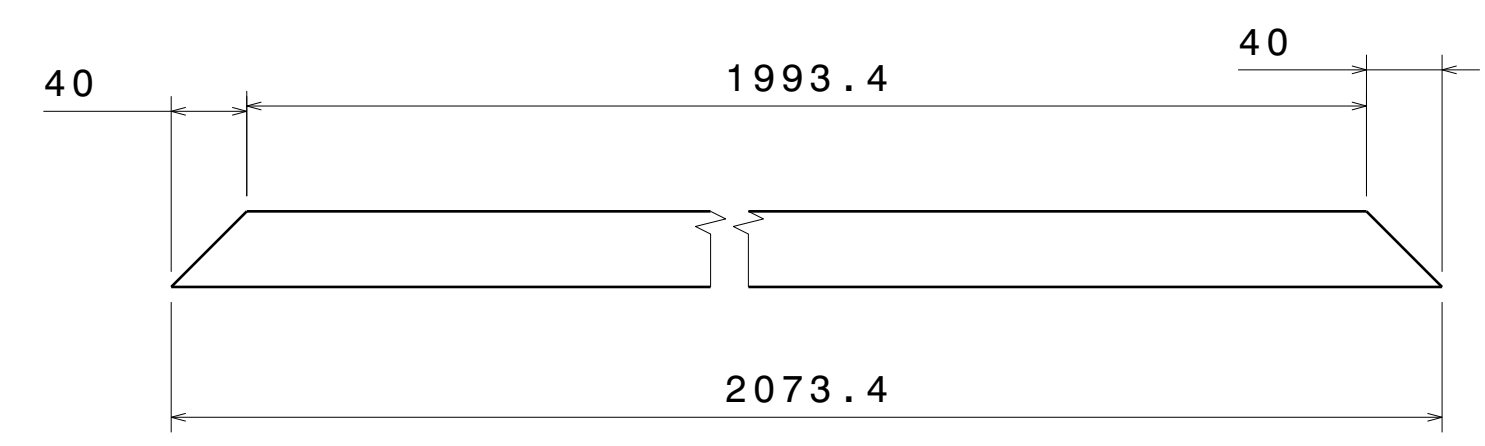


ITEM 6



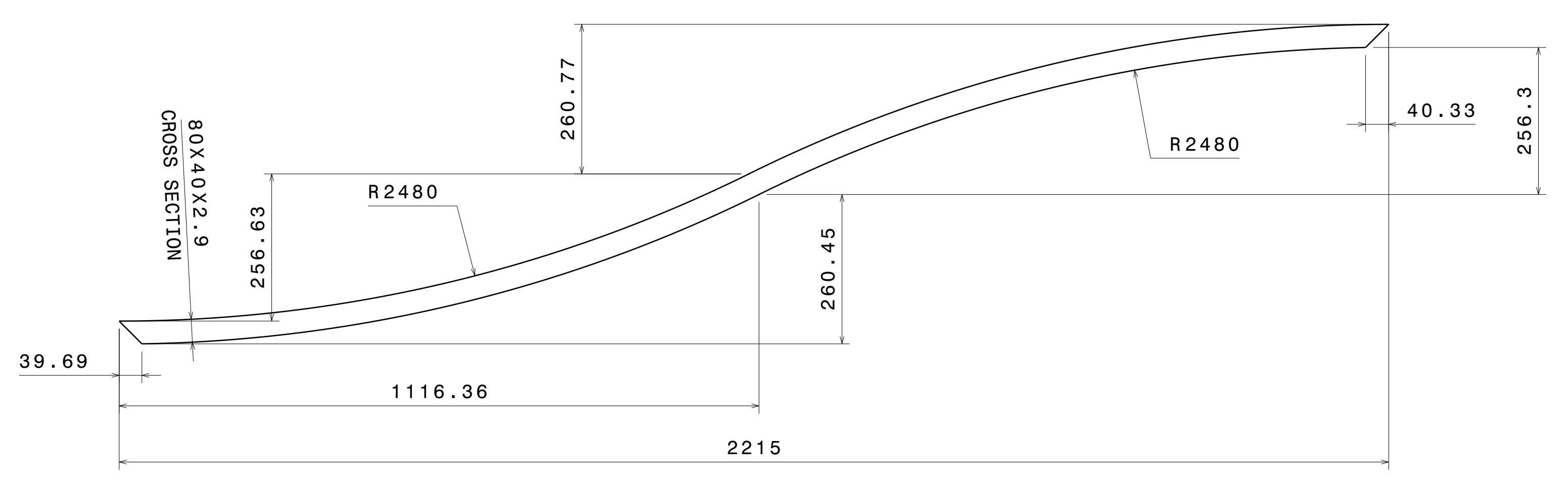
ITEM 2

Right view
Scale: 1:4

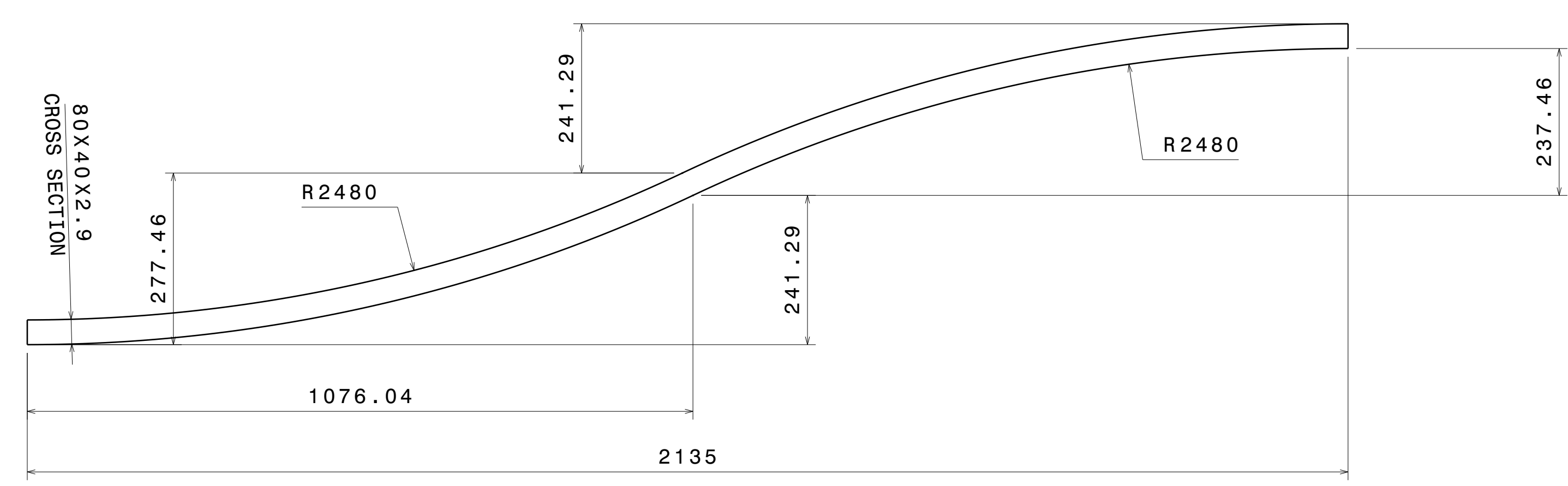


ITEM 3

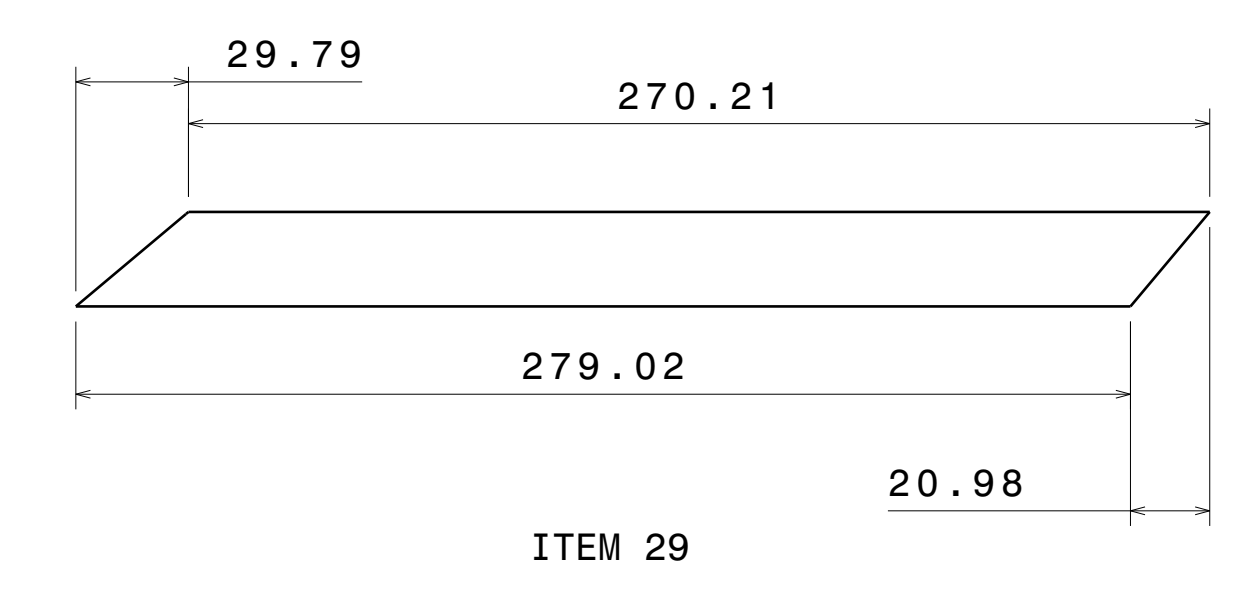
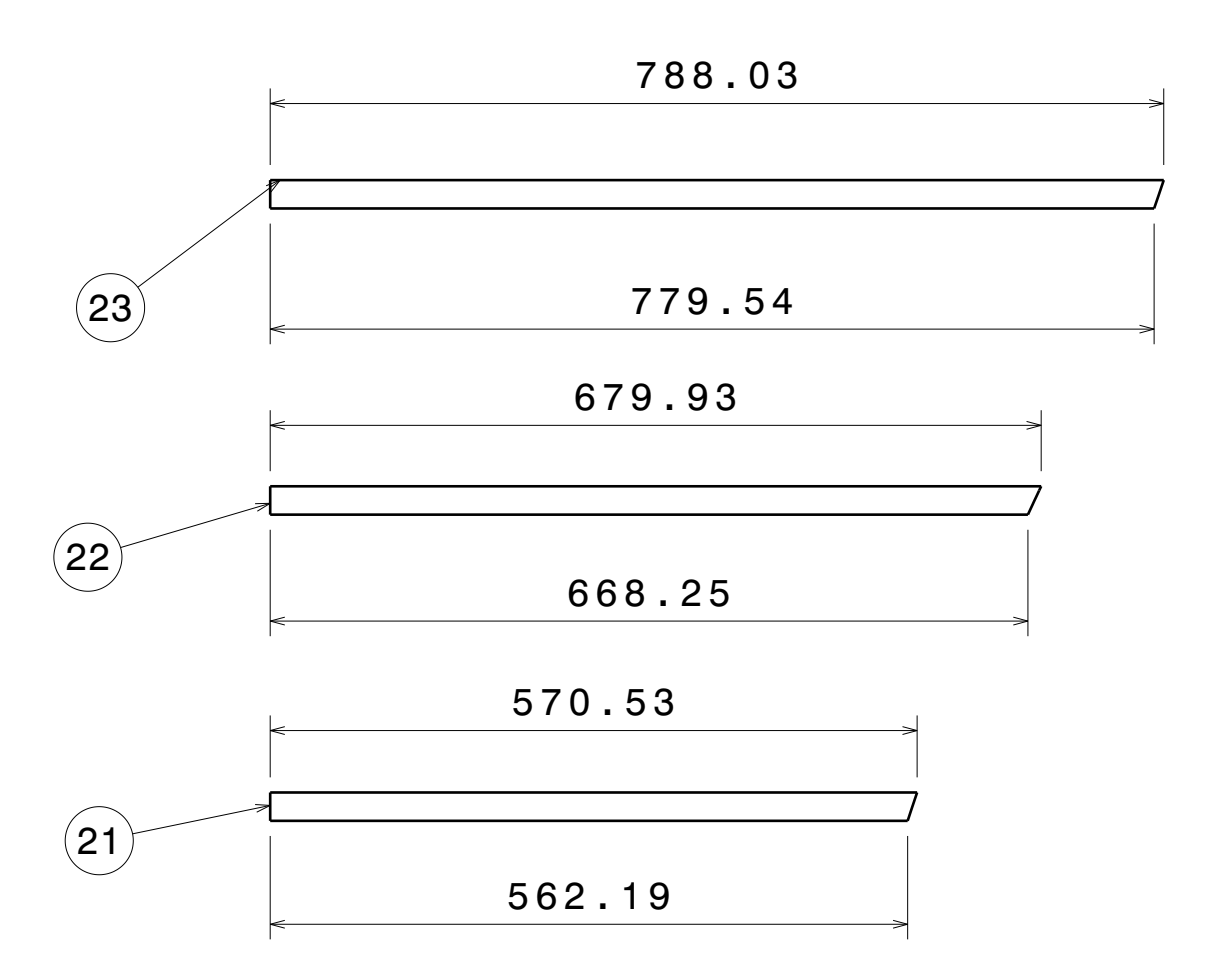
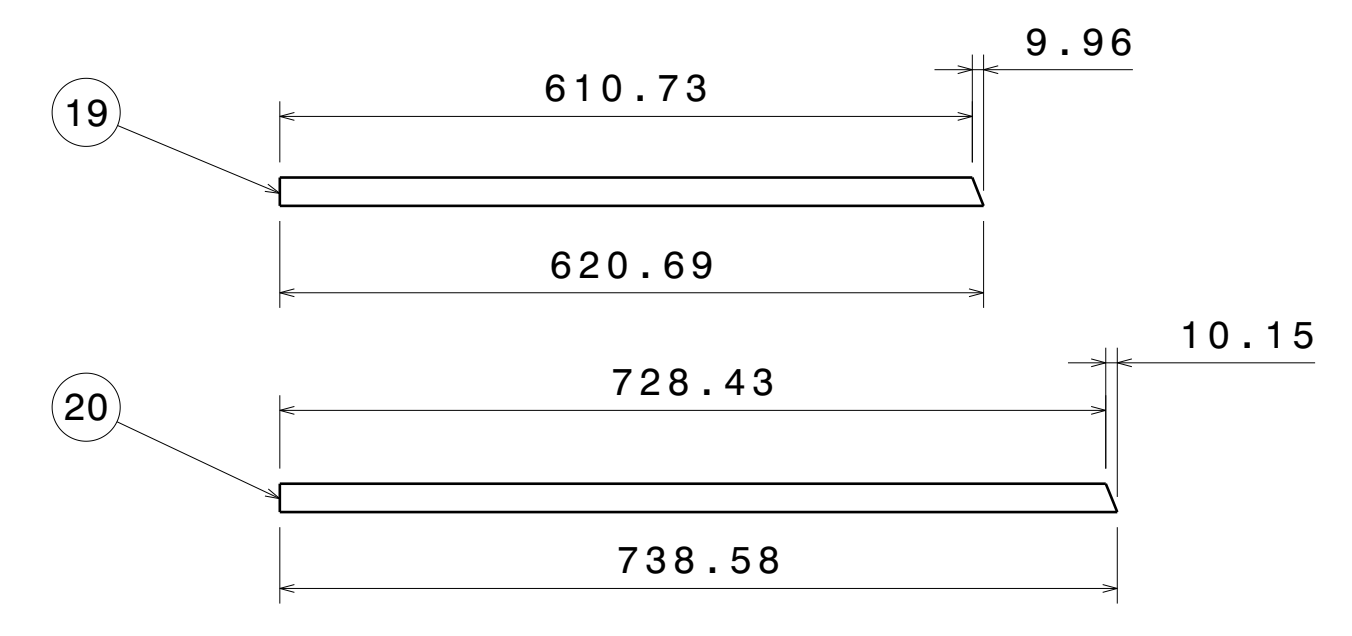
Right view
Scale: 1:4



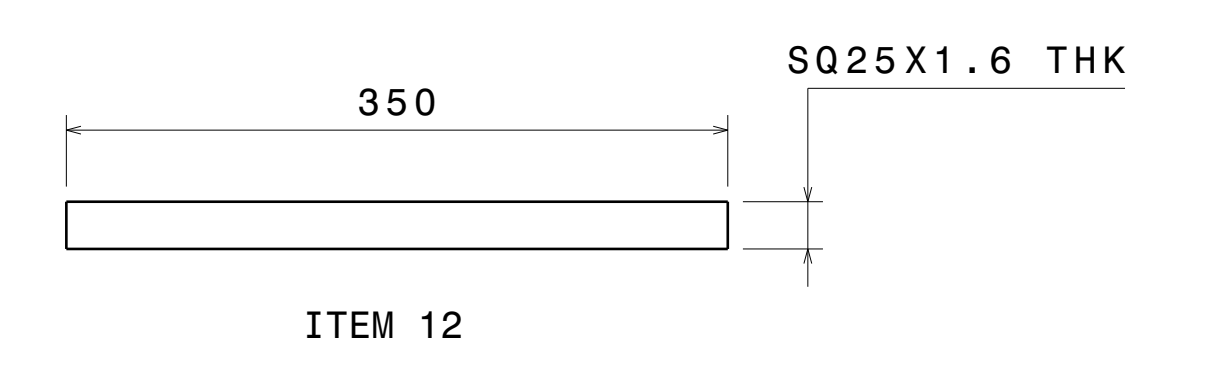
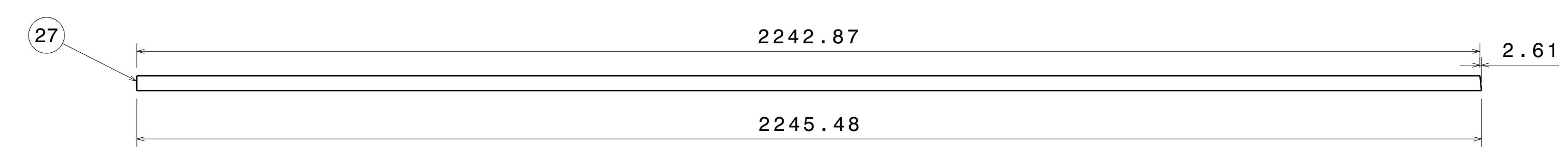
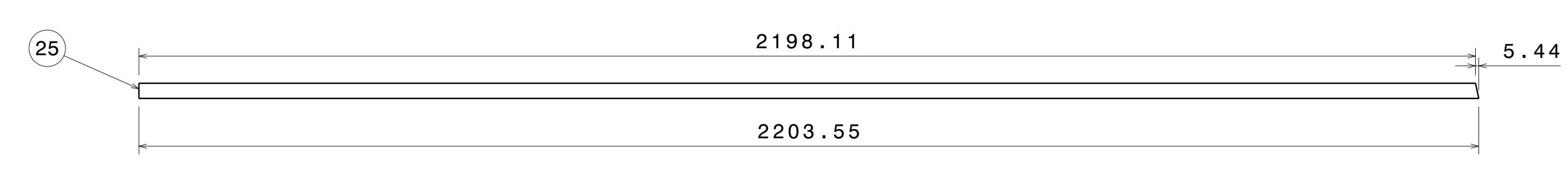
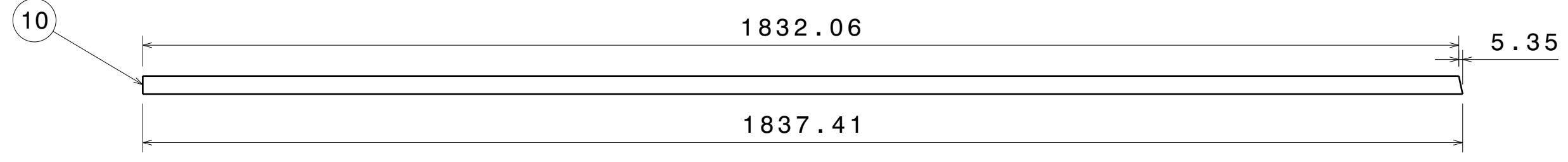
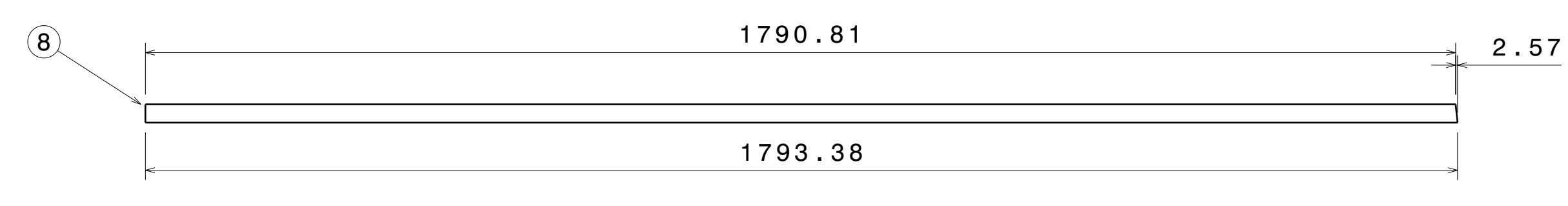
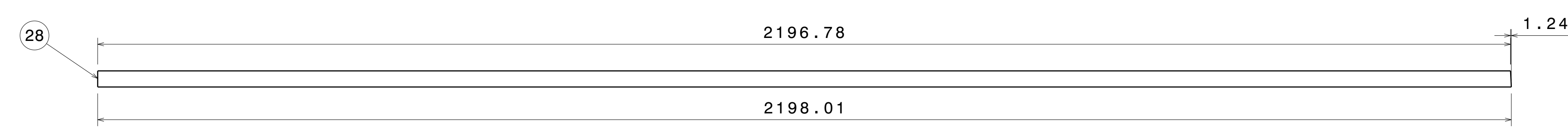
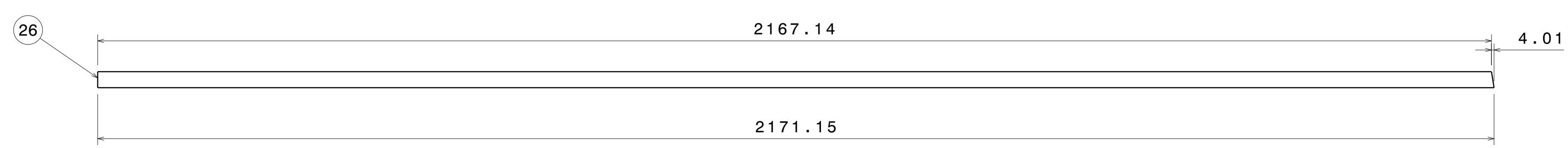
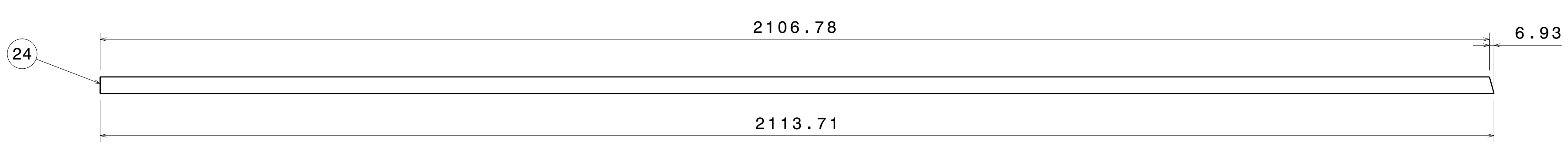
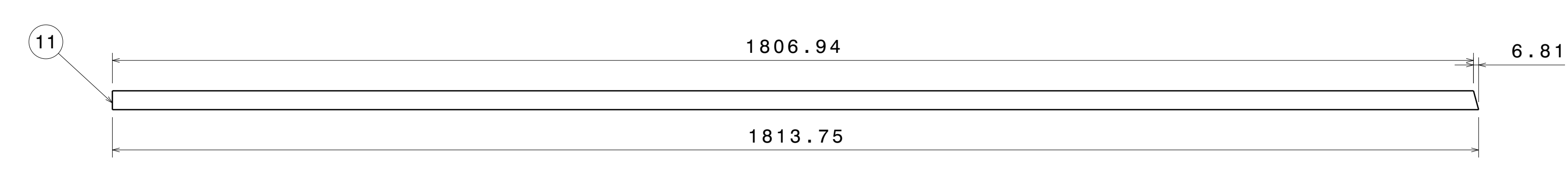
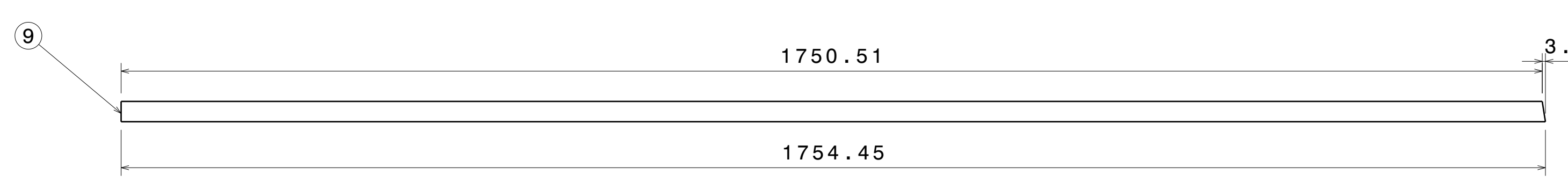
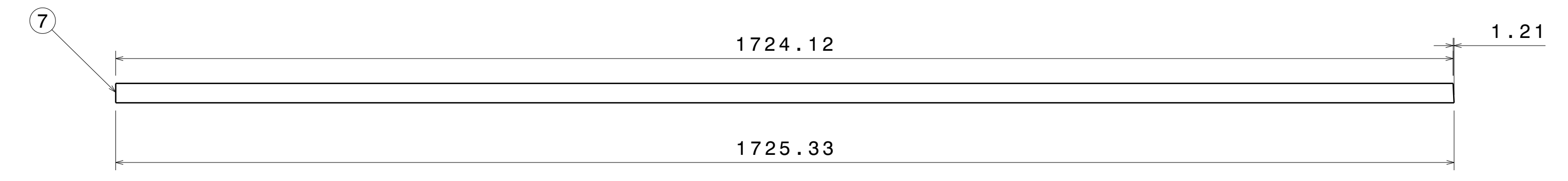
ITEM 4



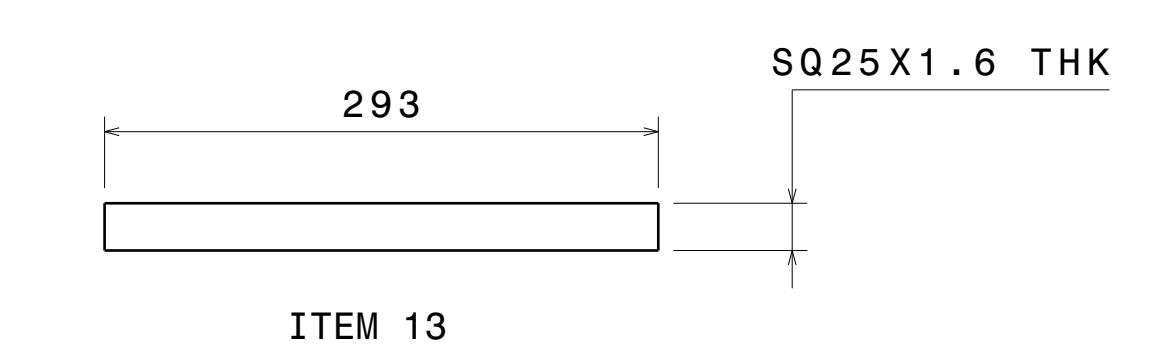
ITEM 5



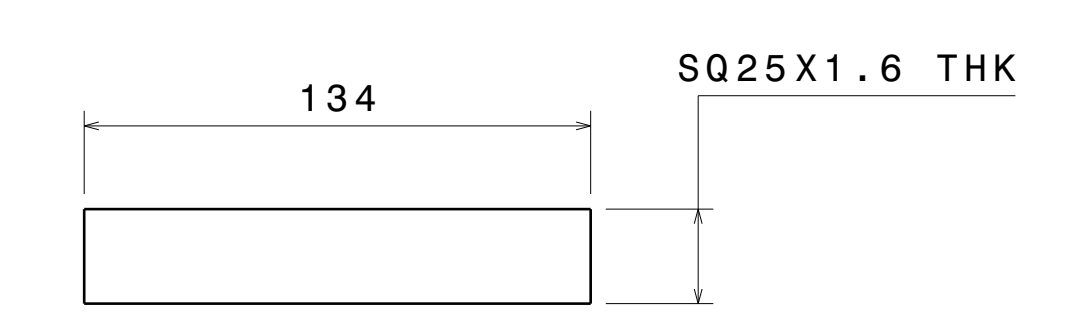
ITEM 29



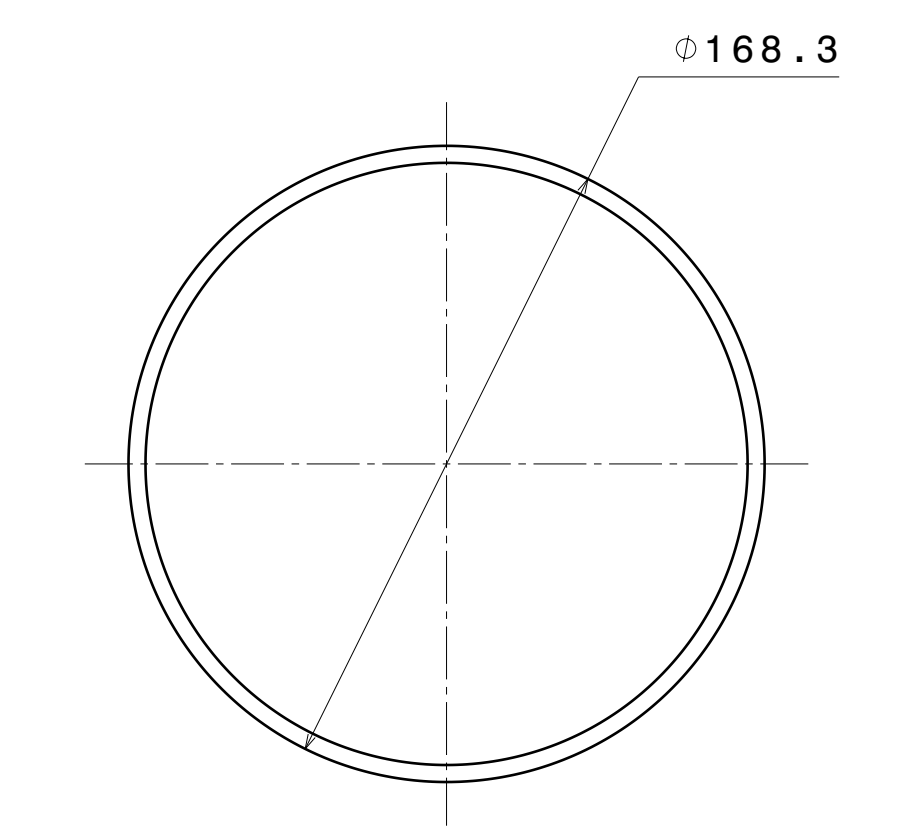
ITEM 12



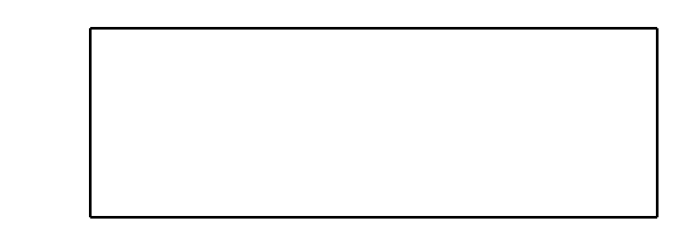
ITEM 13



ITEM 18



ITEM 30
4.5 THK X 25MM WIDE



ITEM 31
FOR ILLUSTRATION ONLY
STANDARD COMPONENTS
CAN BE PURCHASED FROM MARKET

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN MM VIEWS: THIRD ANGLE PROJECTION

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SB	2/28/2020
CHECKED BY	DATE
P2P Analysis & Solutions	2/28/2020
DESIGNED BY	DATE
P2P Analysis & Solutions	2/28/2020

APL APOLLO TUBES LTD.	
DRAWING TITLE	
GATE 34	
SIZE	DRAWING NUMBER
A0	P2P APL 00034
SCALE	WEIGHT (kg)
NONE	XXX
SHEET	4