


NOTES:

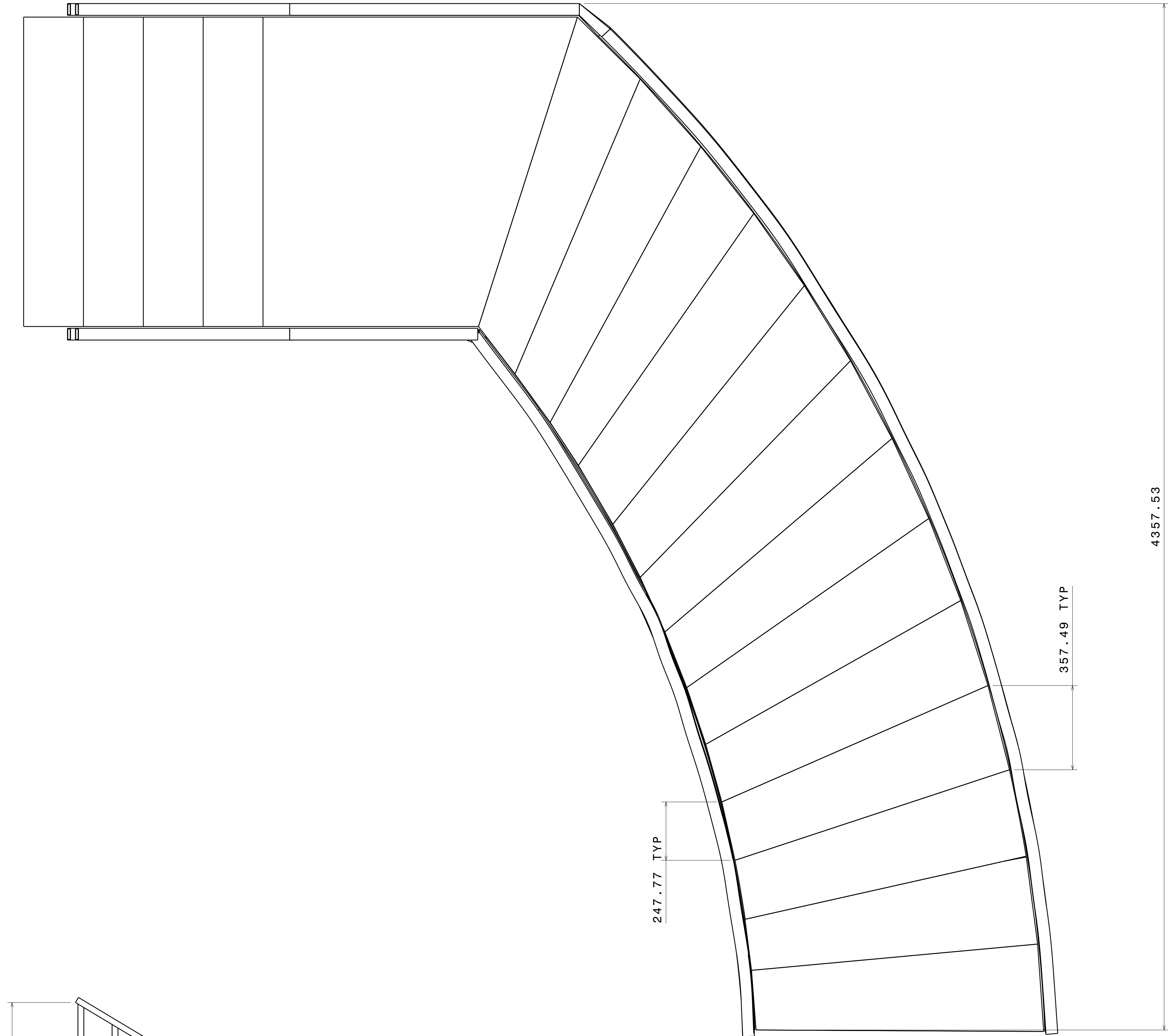
1. (⊥) ALL VERTICAL SUPPORTS ARE PERPENDICULAR.
2. ▯ FLATNESS OF .5MM IS APPLIED BY DEFAULT.
3. ⚡ WELD BEAD OF 2MM RADIUS IS FOLLOWED.
4. ▽▽ SURFACE FINISH MEDIUM TO SMOOTH IS USED.
5. ALL TUBES ARE AS PER APL APOLLO STANDARD. CHANGES MAY EFFECT THE LOAD CAPACITY.
6. ALL HORIZONTAL AND VERTICAL TUBES ARE PERPENDICULAR TO EACH OTHER WITH ±1 DEG.
7. FINE WELDNG IS REQUIRED AS PER MENTIONED DETAILS AND FINISHING.
8. HIGHER CURRENT WELDING MAY AFFECT THE BRITTLNESS OF MATERIAL WHICH LATER MAY RAISE TO WEAKENING OF STRUCTURE.
9. FABRICATORS ARE ALLOWED TO USE FITTINGS/FRAMES/SUPPORTS AS NEEDED AND THE SAME MUST BE COMMUNICATED BACK TO ENGINEERING TEAM.
10. LENGTH OF ALL LONGITUDINAL FRAMES ARE FOR REFERENCE ONLY AND SUBJECTED TO CHANGE PER REQUIREMENT.

SPECIAL NOTES: ITEM 4 & 5 ARE TO BE DECIDED BY FABRICATORS BASED ON CONSTRUCTIONAL DIMENSION DATA.

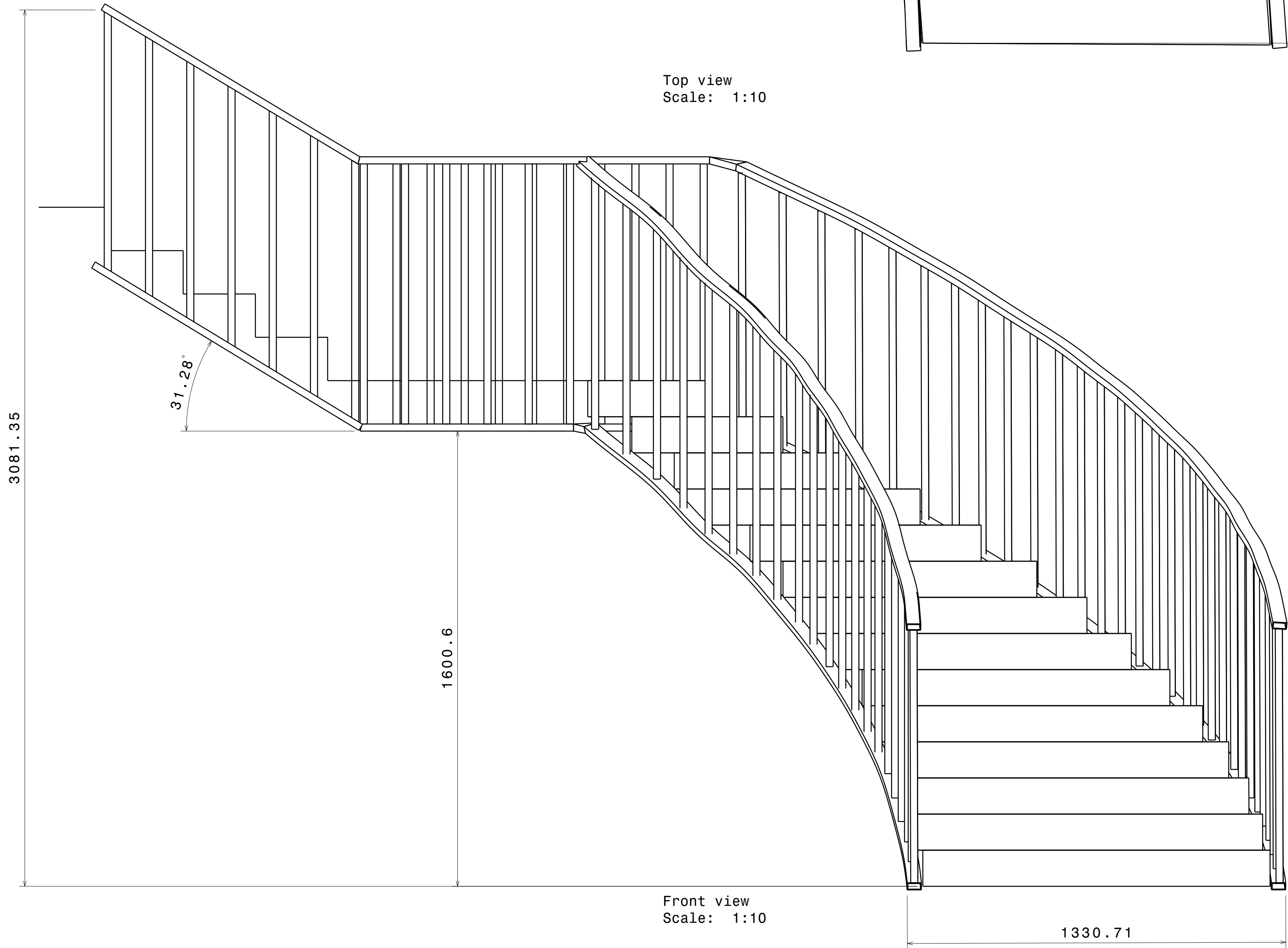
10	SQ 133 Frame 3	25 X 25 X 1.6 X 920	12	1.2	
9	SQ 133 Frame 2	25 X 25 X 1.6 X 914.4	16	1.1	
8	Rect Tube 133-4	25 X 50 X 2.6 X 1226	1	4	
7	Rect Tube 133-3	25 X 50 X 2.6 X 1055	2	3	
6	Rect Tube 133-2	25 X 50 X 2.6 X 751	2	3	
5	RECT JOINING SECTION 2	25 X 50 X 2.6 X AS REQUIRED	2	0.7	
4	RECT JOINING SECTION 1	25 X 50 X 2.6 X AS REQUIRED	2	0.5	
3	Rect Tube 133-CURVED 2	25 X 50 X 2.6 X AS REQUIRED	2	8	
2	Rect Tube 133-CURVED 1	25 X 50 X 2.6 X AS REQUIRED	2	14.5	
1	SQ Tube 131 Frame 1	25 X 25 X 1.6 X 914.4	50	1.1	
ITEM NO.		PART NUMBER	DESCRIPTION	QTY.	Wt (Kg) /Each
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DRAWN BY			DRAWING TITLE		
SB		DATE	HANDRAIL 133		
CHECKED BY		24MAY2020	SIZE		
P2P Analysis & Solutions		24MAY2020	DRAWING NUMBER		REV
DESIGNED BY		DATE	A0		00
P2P Analysis & Solutions		24MAY2020	SCALE		SHEET 1 OF 5
		As Indicated	WEIGHT (kg)		
			0kg		



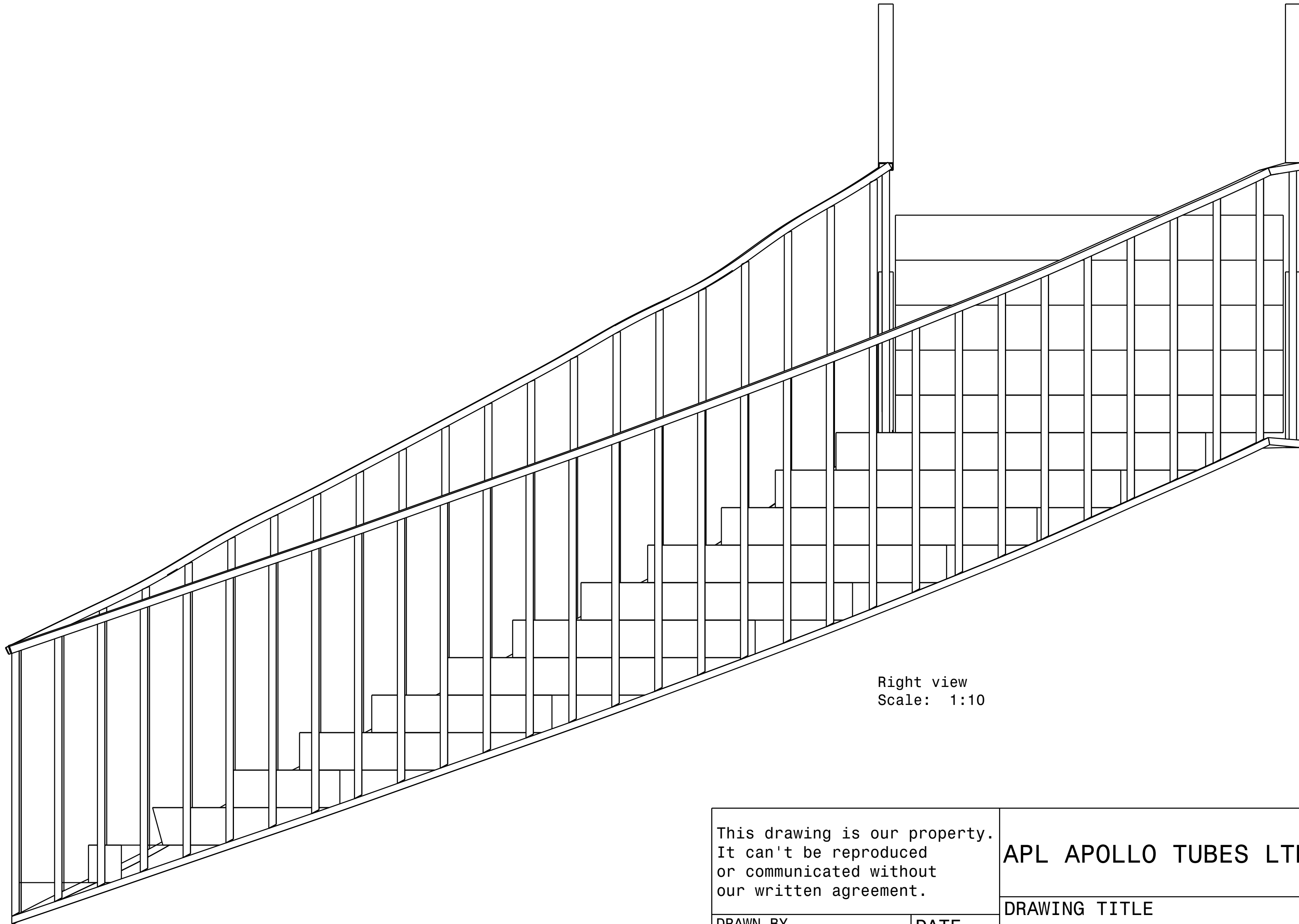
REV	DATE	DESCRIPTION
00	24MAY2020	INITIAL REVISION



Top view  
Scale: 1:10

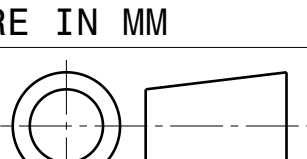


Front view  
Scale: 1:10




Right view  
Scale: 1:10

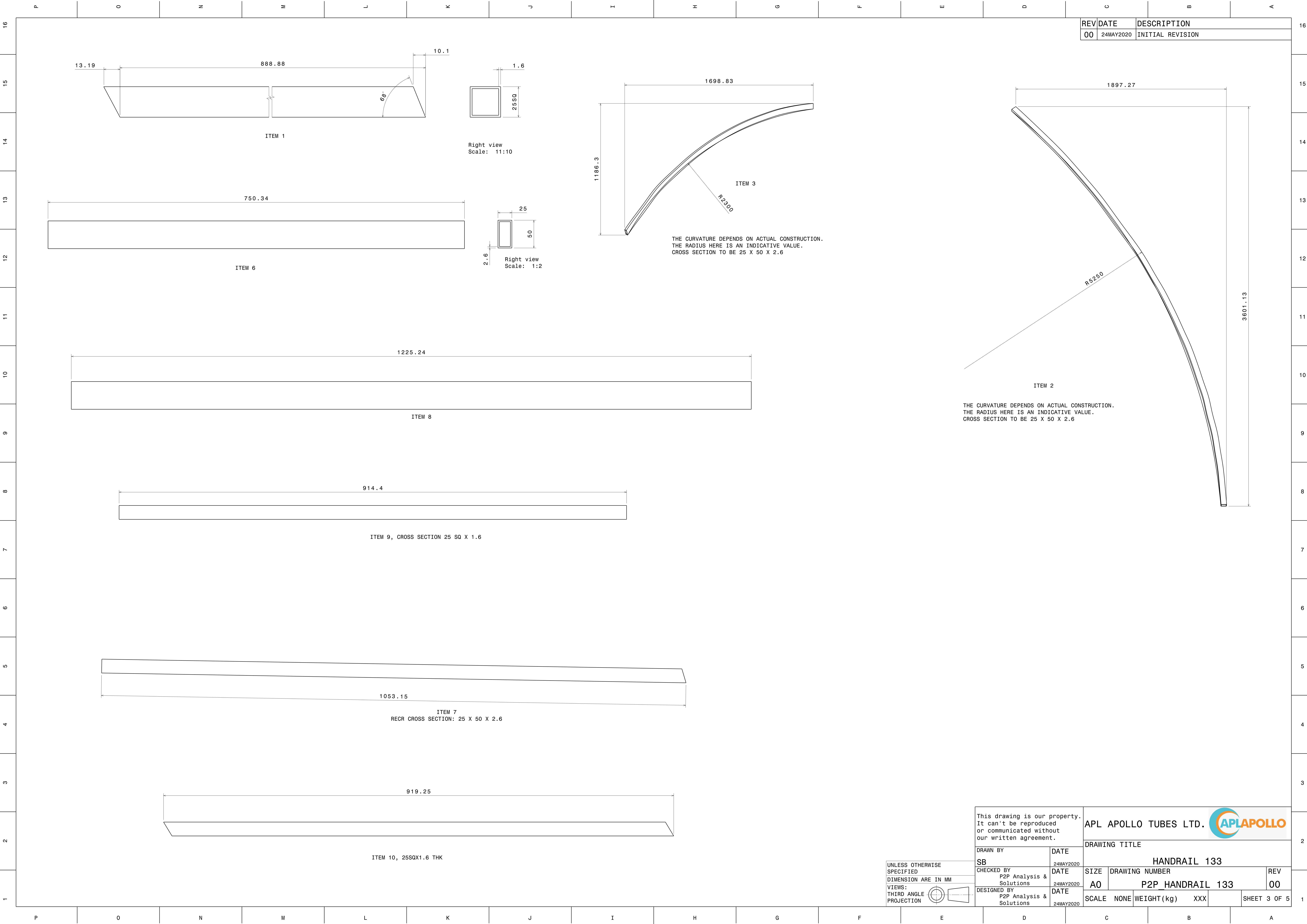
UNLESS OTHERWISE  
SPECIFIED  
DIMENSION ARE IN MM  
VIEWS:  
THIRD ANGLE  
PROJECTION




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CHECKED BY	DATE
P2P Analysis & Solutions	24MAY2020
DESIGNED BY	DATE
P2P Analysis & Solutions	24MAY2020

APL APOLLO TUBES LTD.			
DRAWING TITLE			
HANDRAIL 133			
SIZE	DRAWING NUMBER		REV
A0	P2P_HANDRAIL 133		00
SCALE	NONE	WEIGHT (kg)	XXX
SHEET 2		OF 5	



REV	DATE	DESCRIPTION
00	24MAY2020	INITIAL REVISION

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		DRAWING TITLE	
DRAWN BY		DATE	
SB		24MAY2020	
CHECKED BY		DATE	
P2P Analysis & Solutions		24MAY2020	
DESIGNED BY		DATE	
P2P Analysis & Solutions		24MAY2020	
SIZE	DRAWING NUMBER		REV
A0	P2P_HANDRAIL 133		00
SCALE	NONE	WEIGHT (kg)	XXX
SHEET 3 OF 5			

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

