

REV/DATE	DESCRIPTION
00/20MAR2020	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.
- 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 BRITTLENESS OF MATERIAL WHICH LATER MAY RAISE TO WEAKENING OF STRUCTURE.
- APPROX. WEIGHT FOR THE DRAWN STRUCTUTRE IS 60KG.
- FABRICATORS ARE ALLOWED TO USE FITTINGS/FRAMES/SUPPORTS AS NEEDED AND THE SAME MUST BE COMMUNICATED BACK TO ENGINEERING TEAM.
- LENGTH OF ALL LONGITUDINAL FRAMES ARE FOR REFERENCE ONLY AND SUBJECTED TO CHANGE PER REQUIREMENT.

ISOMETRIC VIEW 2

ISOMETRIC VIEW 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	Wt (gram) /Each
10	BOP 2		AS REQUIRED	.5
9	BOP 1		AS REQUIRED	.25
8	Sq Tube 127 Frame 4	25 X 25 X 1.6 X 914.4	7	1.25
7	Rect Tube 127 Frame 4	25 X 50 X 2 X 984	1	2.2
6	Rect Tube 127 Frame 3	25 X 50 X 2 X 1899	1	4.2
5	Rect Tube 127 Frame 2	25 X 50 X 2 X 4500	1	10.1
4	Rect Tube 127 Frame 1	25 X 50 X 2 X 1427	1	3.2
3	Sq Tube 127 Frame 3	49.5 X 49.5 X 2.6 X 914.4	3	3.51
2	Sq Tube 127 Frame 2	25 X 25 X 1.6 X 914.4	58	1.25
1	Sq Tube 127 Frame 1	49.5 X 49.5 X 2.6 X 940	2	3.55

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DRAWING TITLE: **PAGE 127**

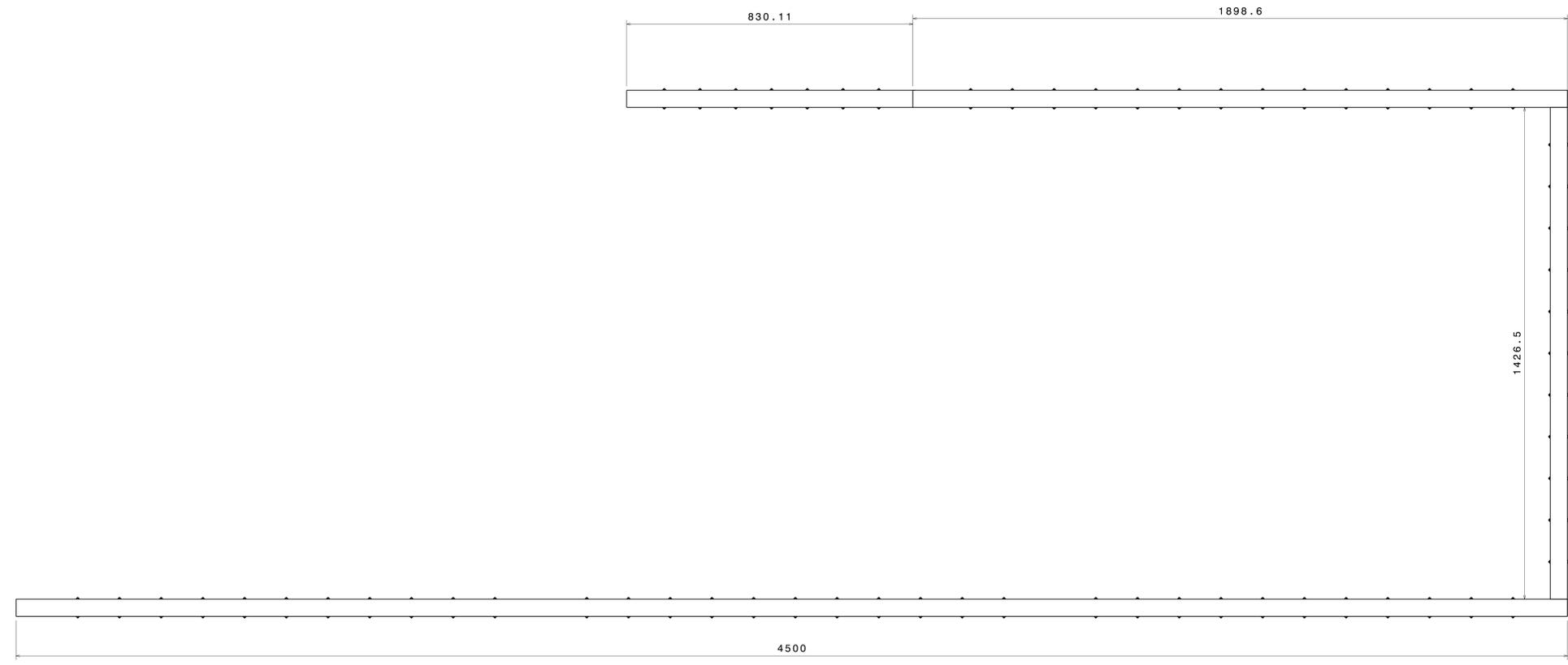
DRAWN BY: SB	DATE: 20MAR2020	CHECKED BY: P2P Analysis & Solutions	DATE: 20MAR2020	DESIGNED BY: P2P Analysis & Solutions	DATE: 20MAR2020
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SIZE: A0	DRAWING NUMBER: P2P HAND RAIL_09	REV: 00
SCALE: As Indicated	WEIGHT (kg): 0kg	SHEET 1 OF 5

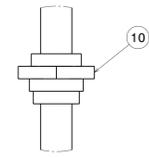
UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN MM
 VIEWS: THIRD ANGLE PROJECTION



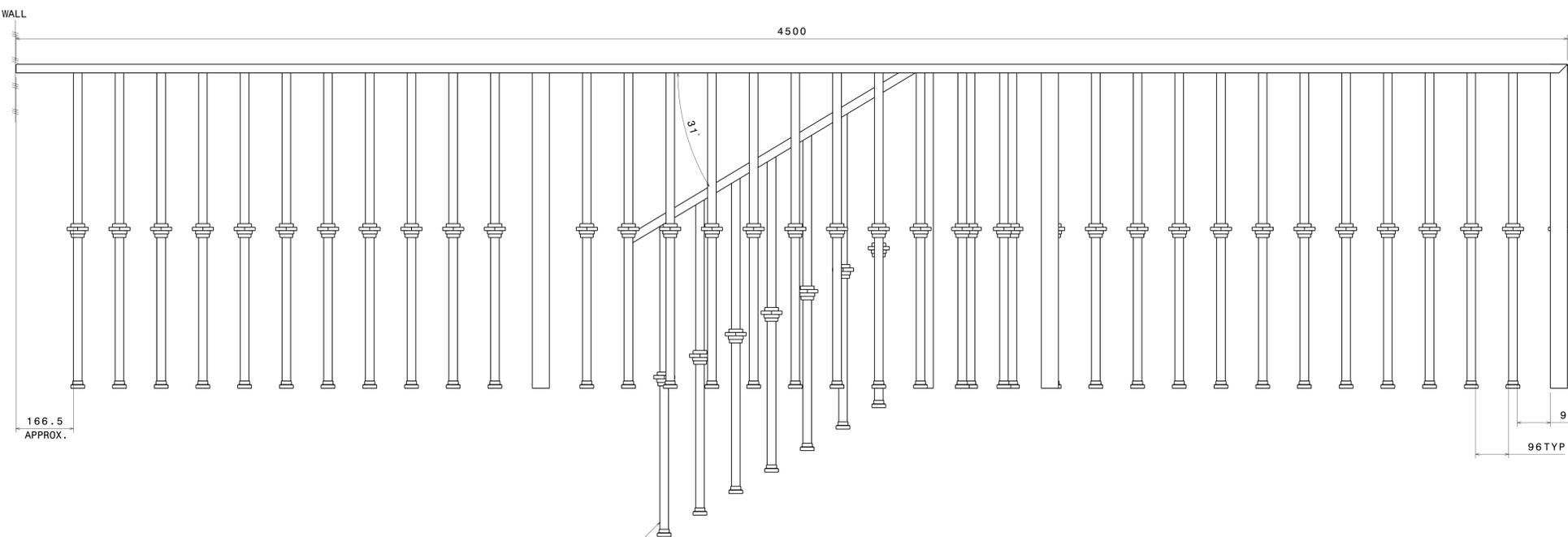
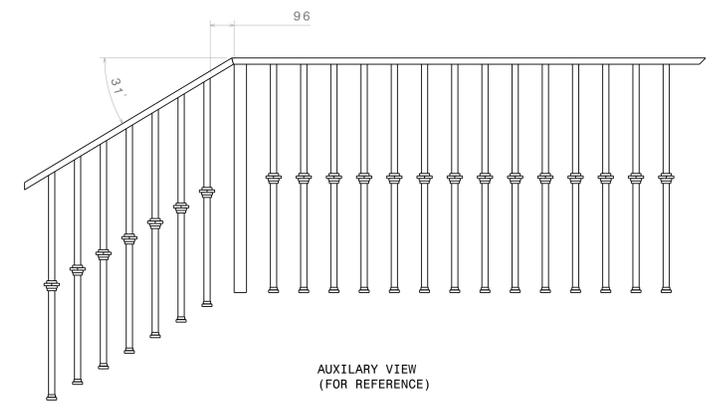
REV	DATE	DESCRIPTION
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Top view
Scale: 17:100

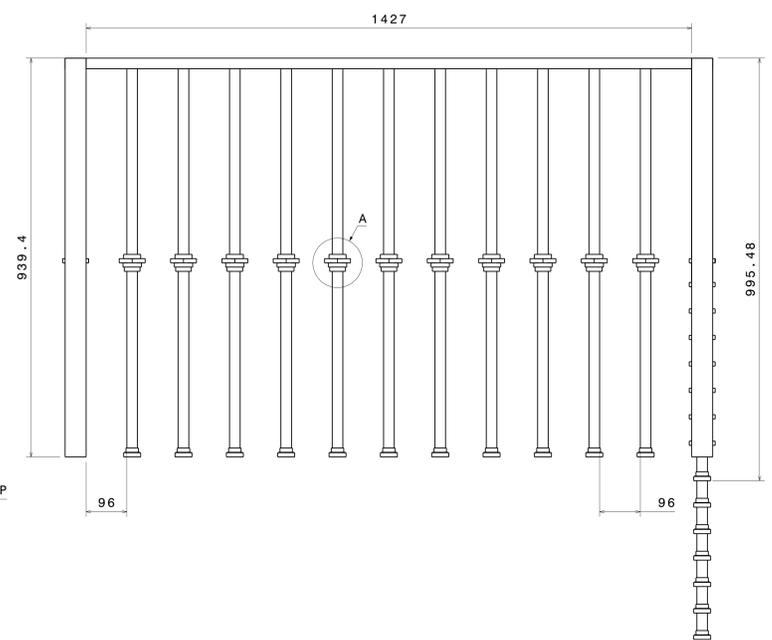


DETAIL A
BOP 2- ANY DESIGN
CAN BE SELECTED
PER CUSTOMER NEED



Front view
Scale: 17:100

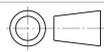
7 FRAMES
AT STAIR



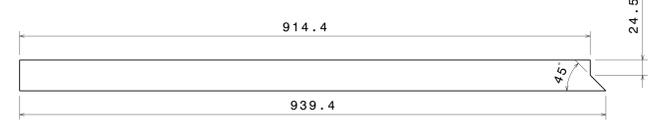
Right view
Scale: 17:100

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DRAWING TITLE			
PAGE 127			
DRAWN BY	DATE	SIZE	DRAWING NUMBER
SB	20MAR2020	A0	P2P HAND RAIL_09
CHECKED BY	DATE	SCALE	WEIGHT (kg)
P2P Analysis & Solutions	20MAR2020	NONE	XXX
DESIGNED BY	DATE	SHEET 2 OF 5	
P2P Analysis & Solutions	20MAR2020		

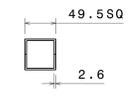
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VIEWS: THIRD ANGLE PROJECTION



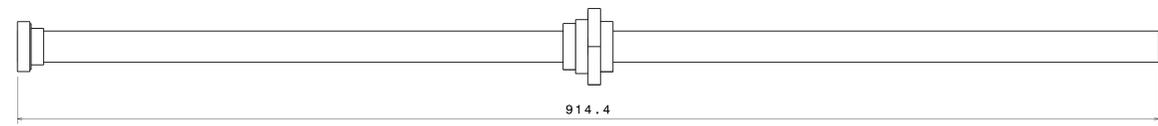
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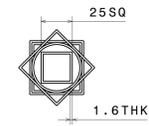
ITEM 1



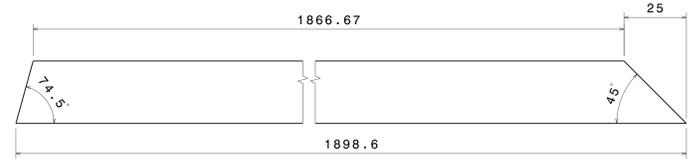
Right view
Scale: 1:4



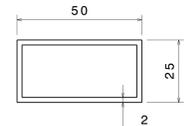
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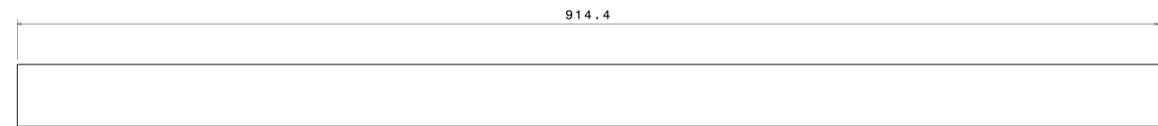
Right view
Scale: 1:2



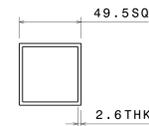
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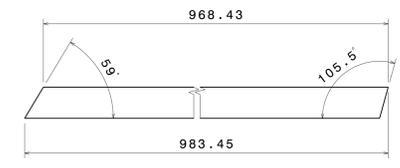
Right view
Scale: 1:1



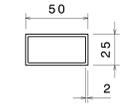
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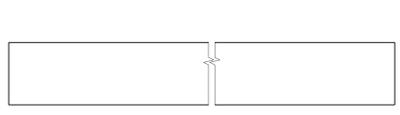
Right view
Scale: 1:2



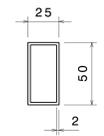
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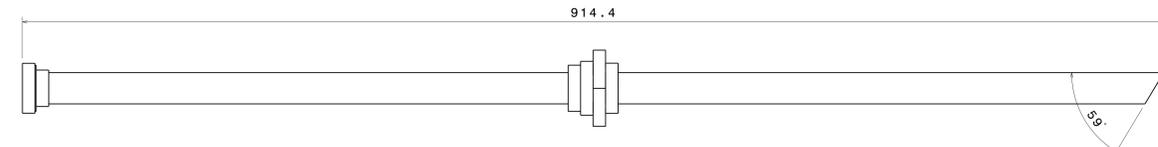
Right view
Scale: 1:2



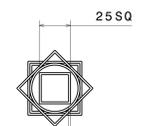
ITEM 4



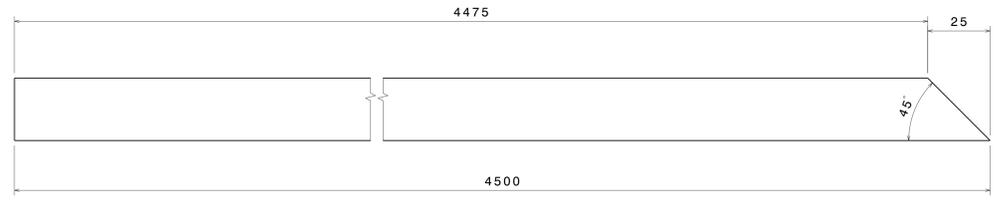
Right view
Scale: 1:2



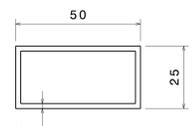
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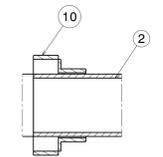
Right view
Scale: 1:2



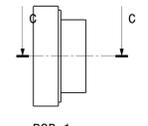
ITEM 5



Right view
Scale: 1:1



Section view C-C
BOP 1



BOP 1

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SIZE	DRAWING NUMBER	REV
A0	P2P HAND RAIL_09	00
SCALE	WEIGHT (kg)	XXX
NONE		

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