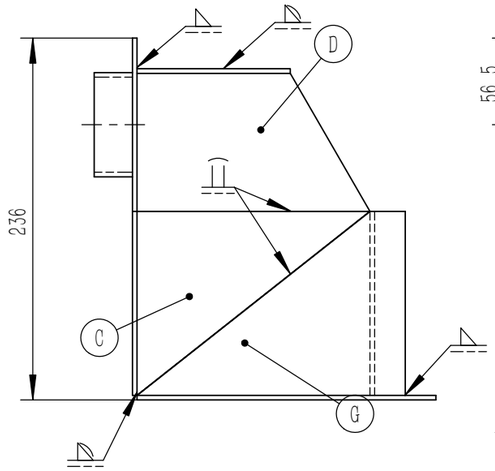
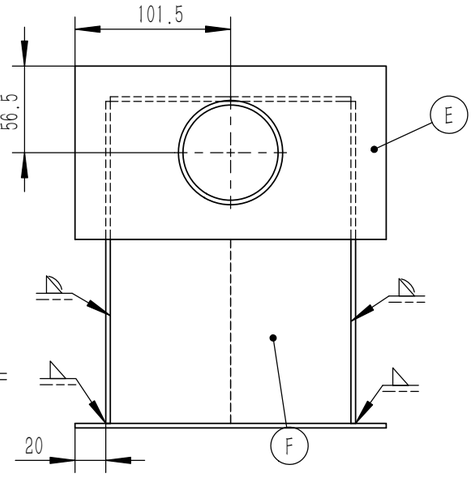
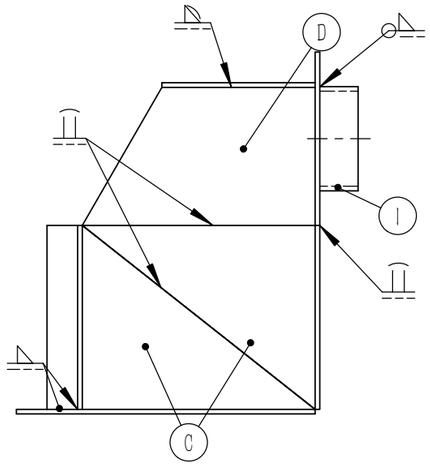
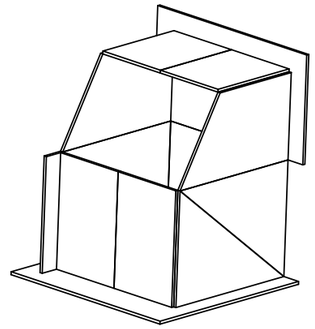
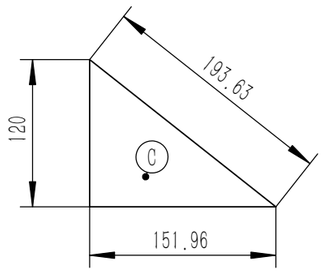
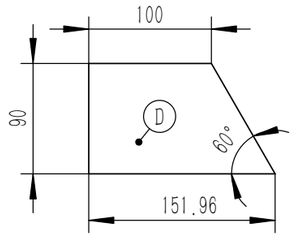


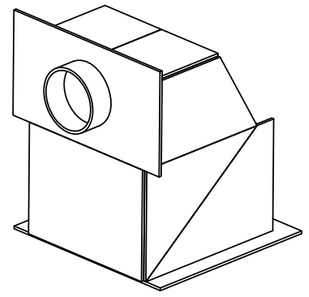


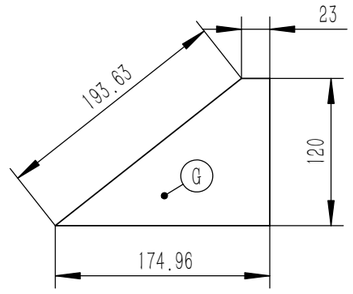


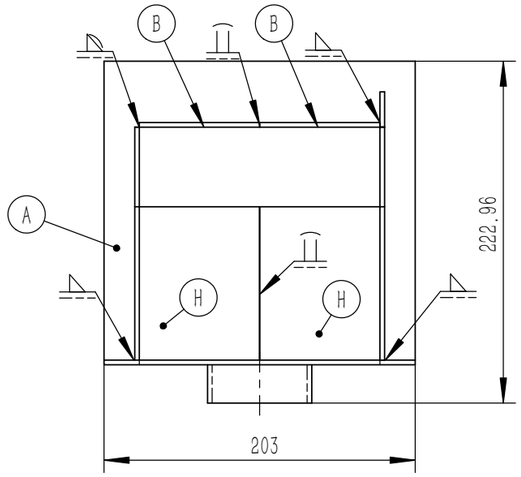












ITEMS DRAWINGS

ITEM	QTY	MATERIAL	DIMENSIONS	DESCRIPTION
A	1	AA 5052 Aluminium	PLATE 203×194.96×3.0	
B	2	AA 5052 Aluminium	PLATE 120×78.5×3.0	
C	3	AA 5052 Aluminium	As Shown Fig C	
D	2	AA 5052 Aluminium	As Shown Fig D	
E	1	AA 5052 Aluminium	PLATE 203×113×3.0	
F	1	AA 5052 Aluminium	PLATE 157×120×3.0	
G	1	AA 5052 Aluminium	As Shown Fig G	
H	2	AA 5052 Aluminium	PLATE 100×78.5×3.0	
I	1	AA 6061 Aluminium	OD62×25×3.0	PIPE

INSTRUCTIONS TO COMPETITORS

1. WELDING PROCESS: GTAW (141).
2. WELDING POSITIONS: ALL EXCEPT VERTICAL DOWN.
3. NO GAPS ARE ALLOWED ON THE BUTT & CORNER WELD JOINTS.
4. ALL BUTT & CORNER WELDS MUST HAVE FULL PENETRATIONS.
5. ALL THE WELDING TO BE CARRIED OUT WITH BASE PLATE "A" IN THE FLAT POSITION.
6. ALL LEG SIZES OF FILLET WELDS: 4.0 mm WITH TOLERANCE(+2.0 mm/-0.0 mm).
7. OUTSIDE CORNER WELD RADII: 3.0mm WITH TOLERANCE (+1.0mm-0.9 mm).
8. ALL WELDS MUST BE COMPLETED IN ONE PASS ONLY WITH THE ADDITION OF FILLER WIRE.

Note:All dimensions in millieter

Test Project for the 48th WorldSkills Competition In Shanghai ,China 2026
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skill: 10 welding

Scale: N. T. S | Date: 17 Aug 2024 | Paper: A3

Designed/ Drawn by : liujingfeng CN

Drawing No. WCS2026_TP10_CN_08_EN

Description: Aluminium structure and symbols ISO E

Rev.x