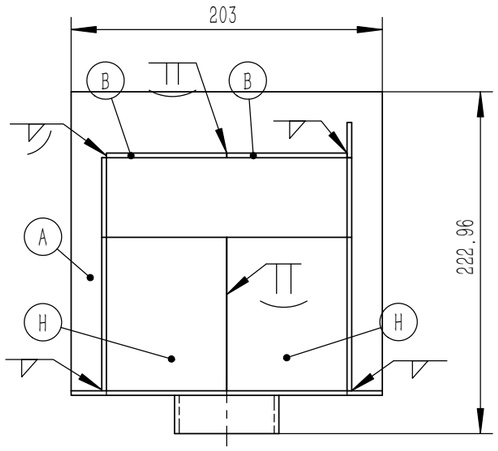
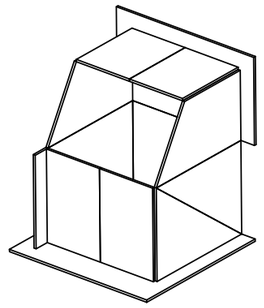
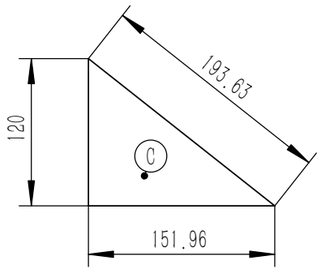
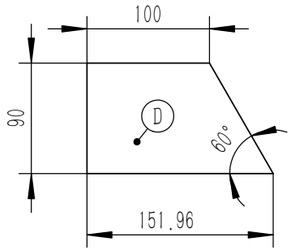
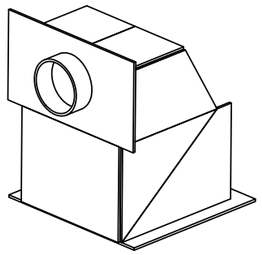
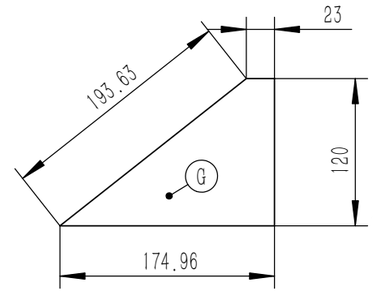


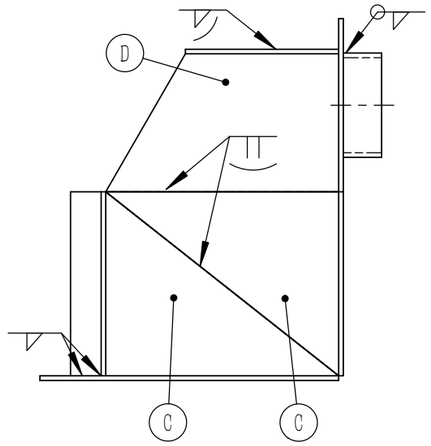



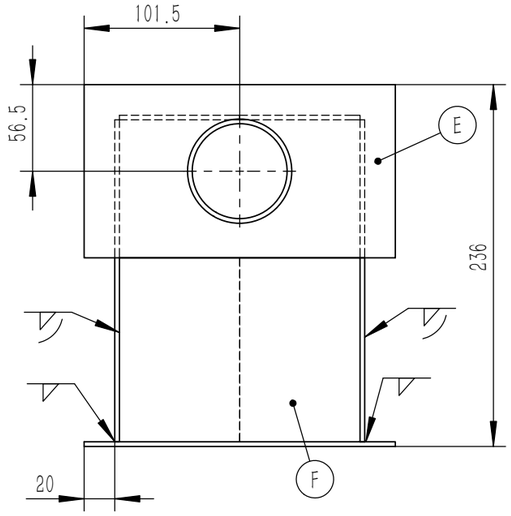


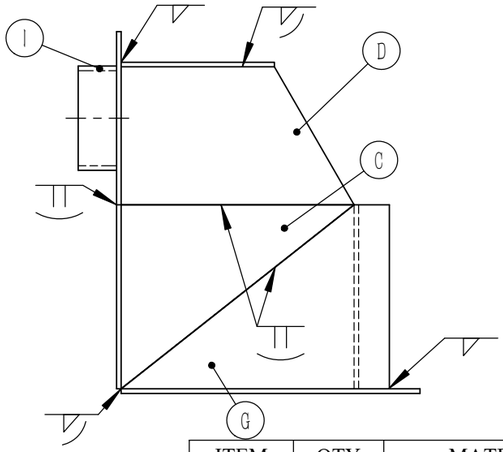






ITEMS DRAWINGS

| 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 millimeter

Test Project for the 48th WorldSkills
Competition In Shanghai ,China 2026
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worldskills

skill: 10 welding

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

OR

Designed/ Drawn by : liujingfeng CN

Drawing No. WCS2026_TP10_CN_07_EN

Description: Aluminium-Assembly & Symbols ISO A

Rev.x

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