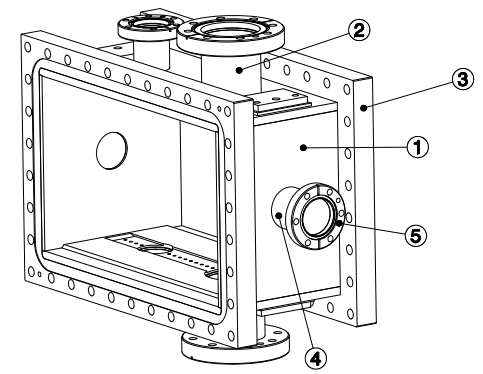
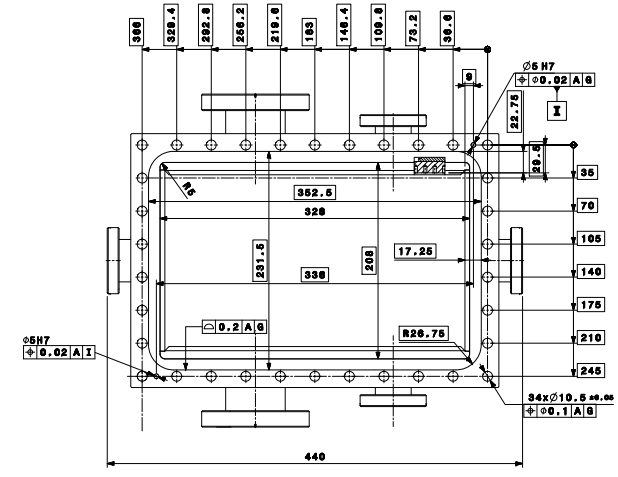


Section view A-A
Scale: 1:1



All welds must be made using the specified techniques with 100% penetration. Welds and all other surfaces must not be finished by grinding or any other mechanical abrasion. Any part (or component) of the vacuum system showing a room temperature calibrated leak rate (isolated or global), when measured with a calibrated UHV leak detector, in excess of 1×10^{-11} Pa.m.s⁻¹ (1×10^{-10} mmHg.l.s⁻¹) will be considered as unacceptable.

- Component fabrication (degreasing and welding).
- Inscribe drawing number on shaded areas with an electrical pen.
- Leak detection, the test report has to be supplied to the AT Vacuum Group.
- UHV cleaning according to CERN report "procedure quality": 967.11 (for Stainless steel) or 967.12 (for aluminium and copper). CERN reference number: 78654.

REV	DESCRIPTION	DATE	BY	CHKD
1	UHV FLANGE - FIXED TO/25	16.09.10	STEFAN/ANDROS	ANDROS
2	Tube dia. 48/48	09.03	ANDROS/STEFAN	
3	SHIRT - THICKNESS = 25	04.09.05	ANDROS/STEFAN	
4	TELE - SPACER/25 = 25	09.07	ANDROS/STEFAN	
5	VERTICAL COVER		STEFAN/ANDROS	
6	FRONT SHIRT		STEFAN/ANDROS	

NO	DESCRIPTION	REV	DATE	BY	CHKD
1	ASSEMBLED BOX	111	2009-06-10	ANDROS/STEFAN	ANDROS
2	ASSEMBLED BOX	111	2009-06-10	ANDROS/STEFAN	ANDROS