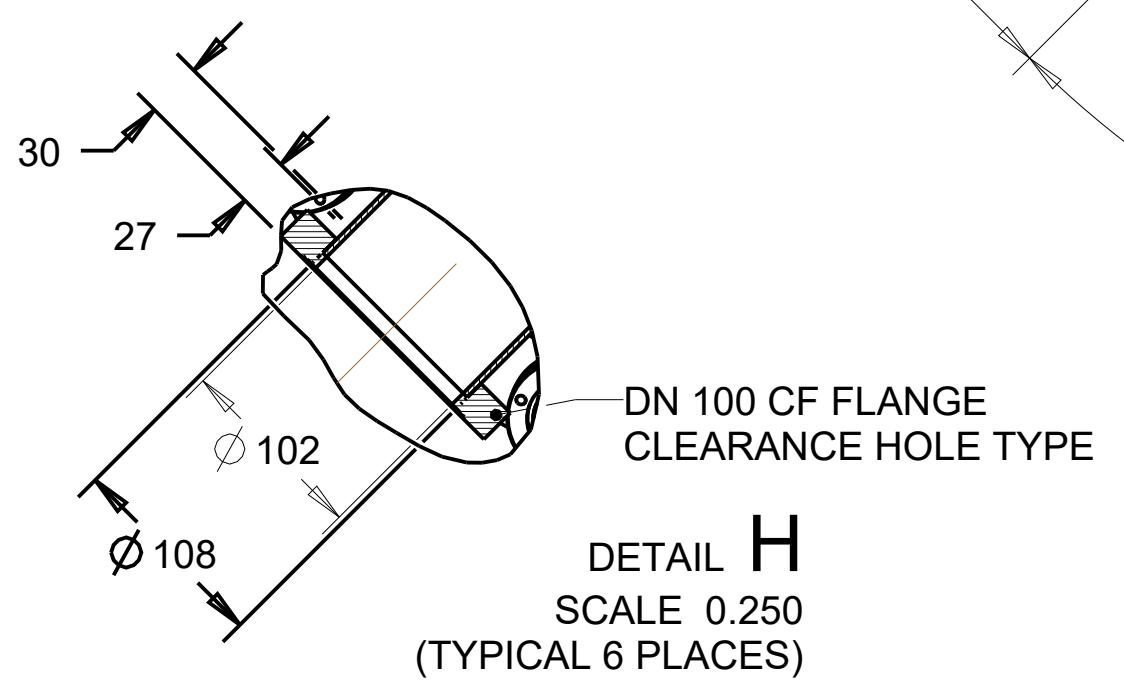
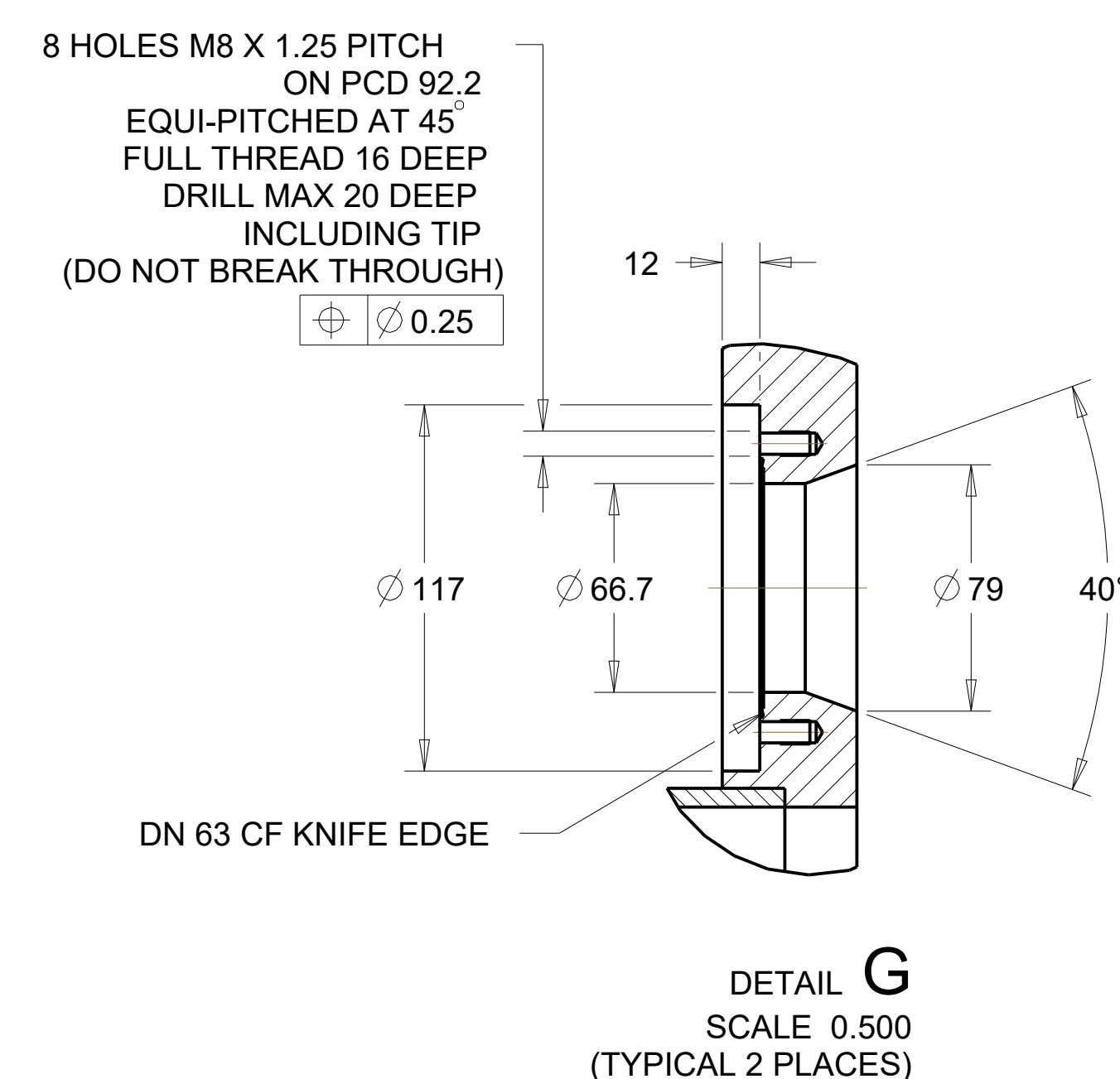
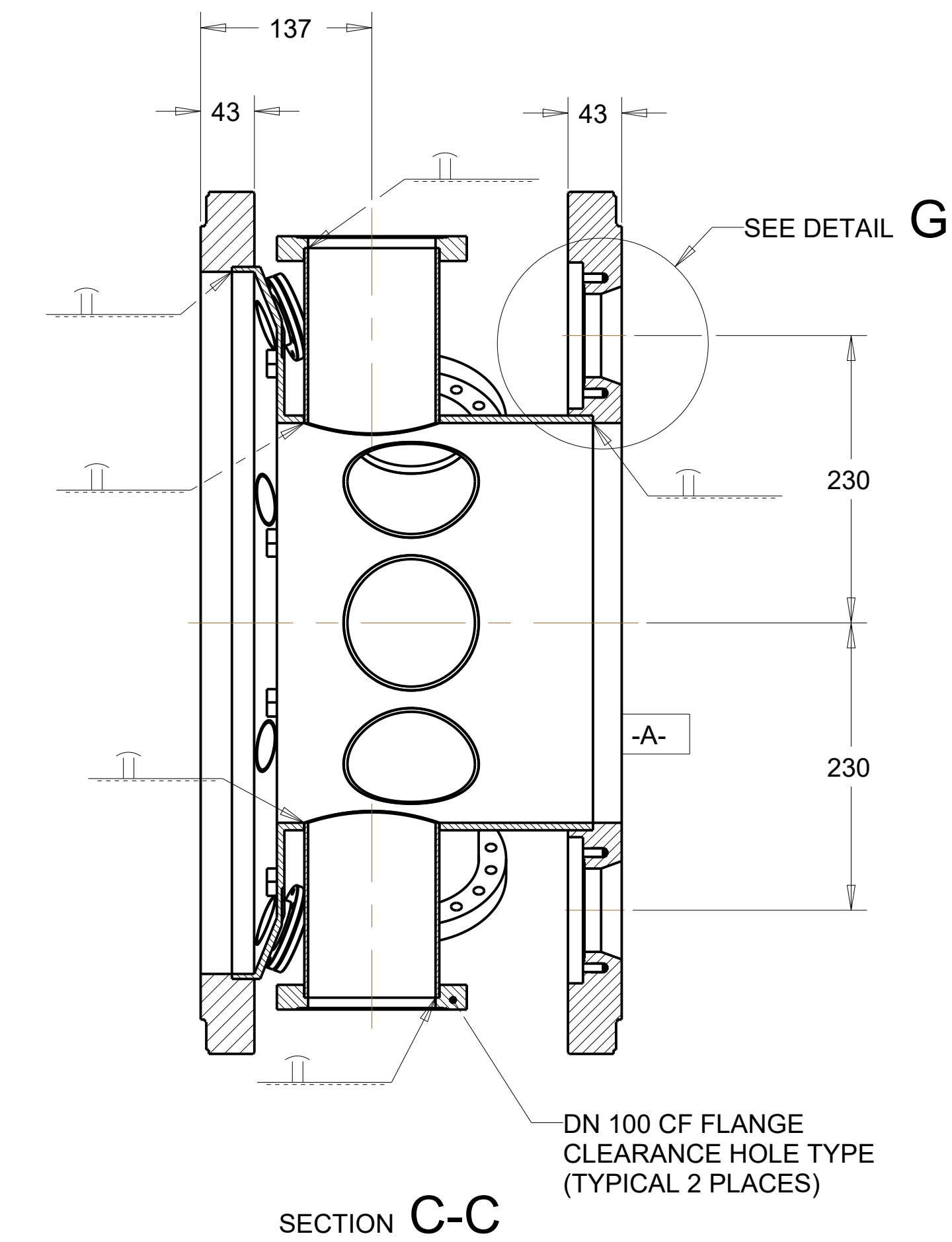
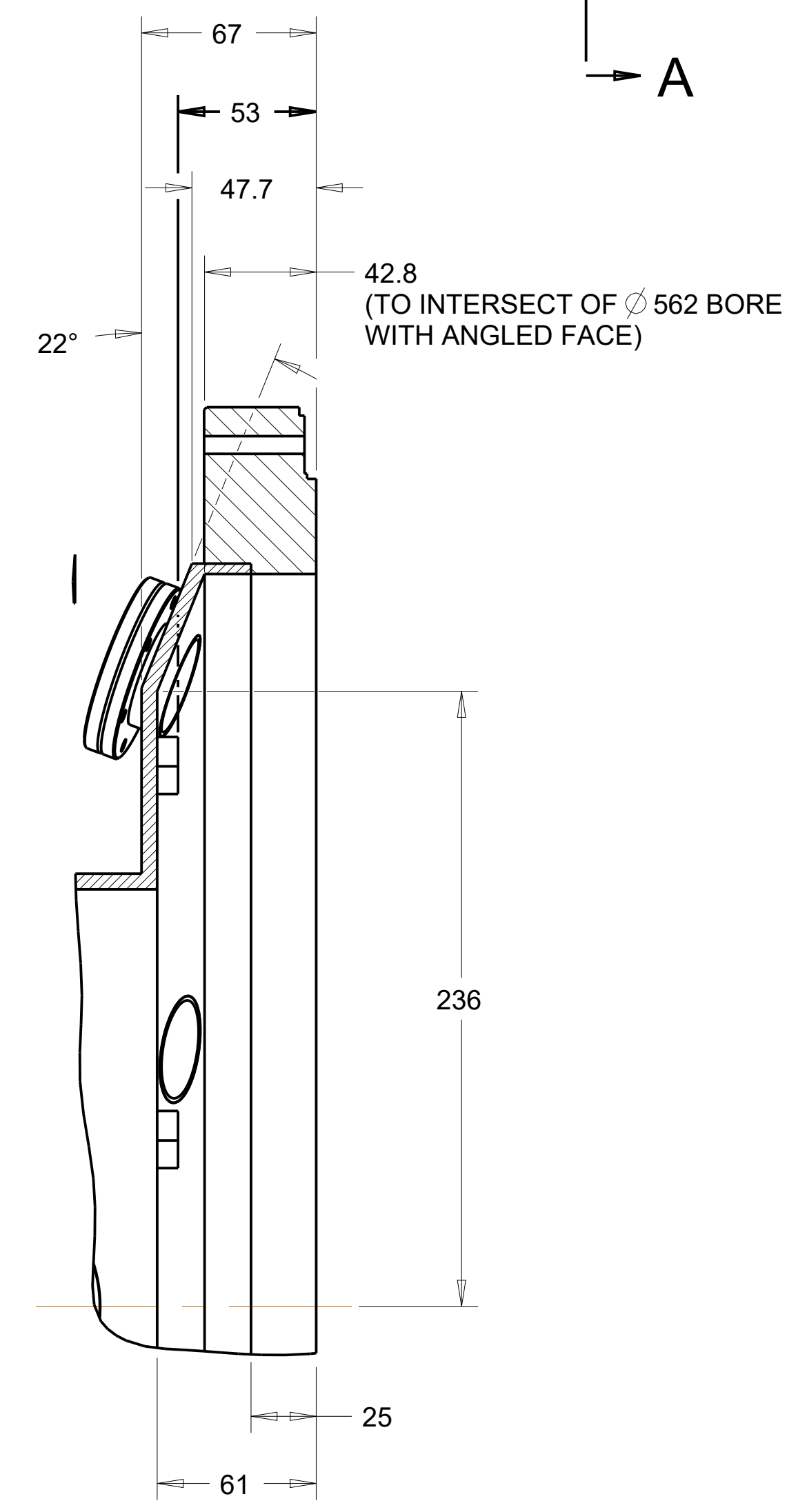
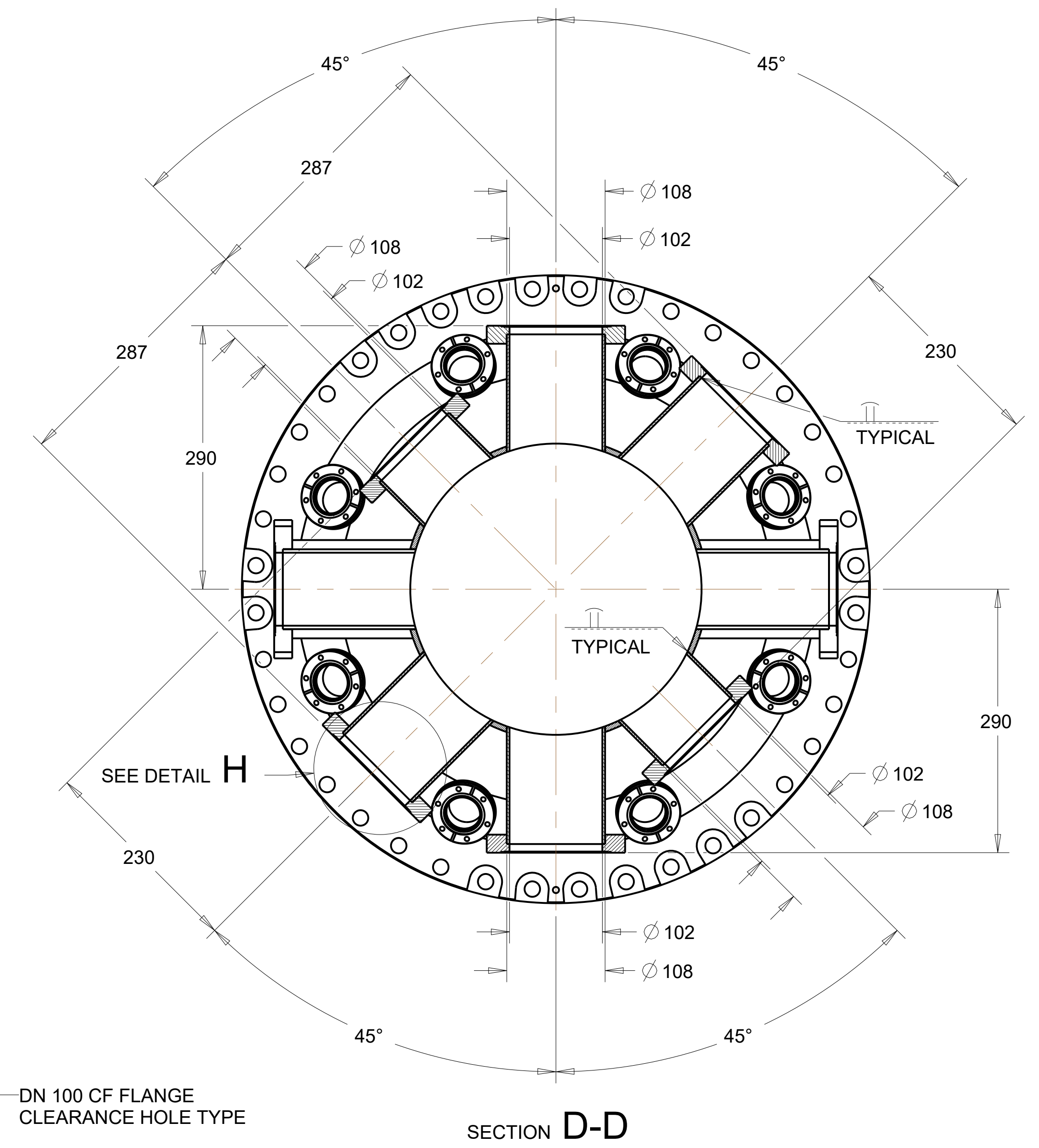
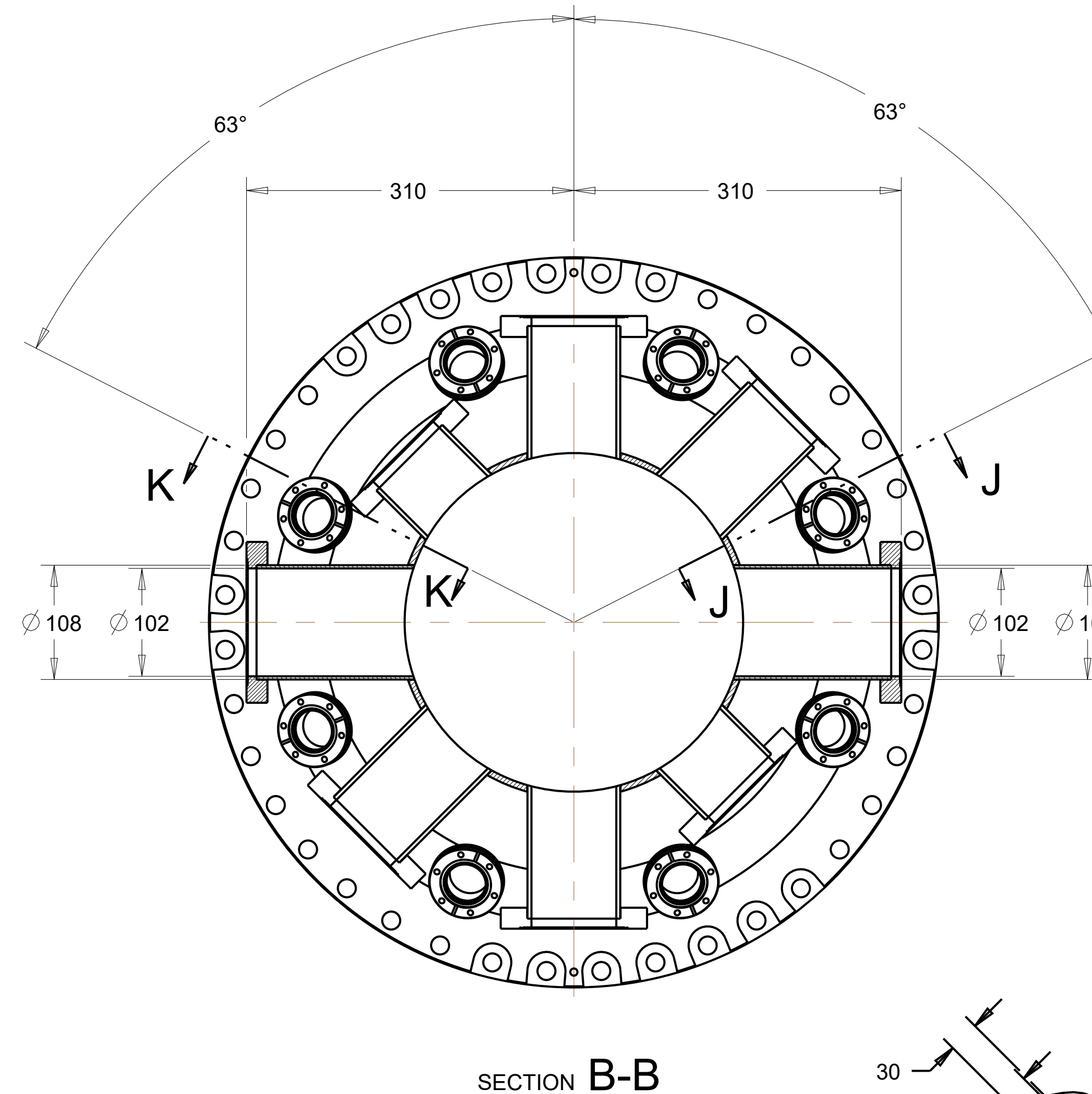
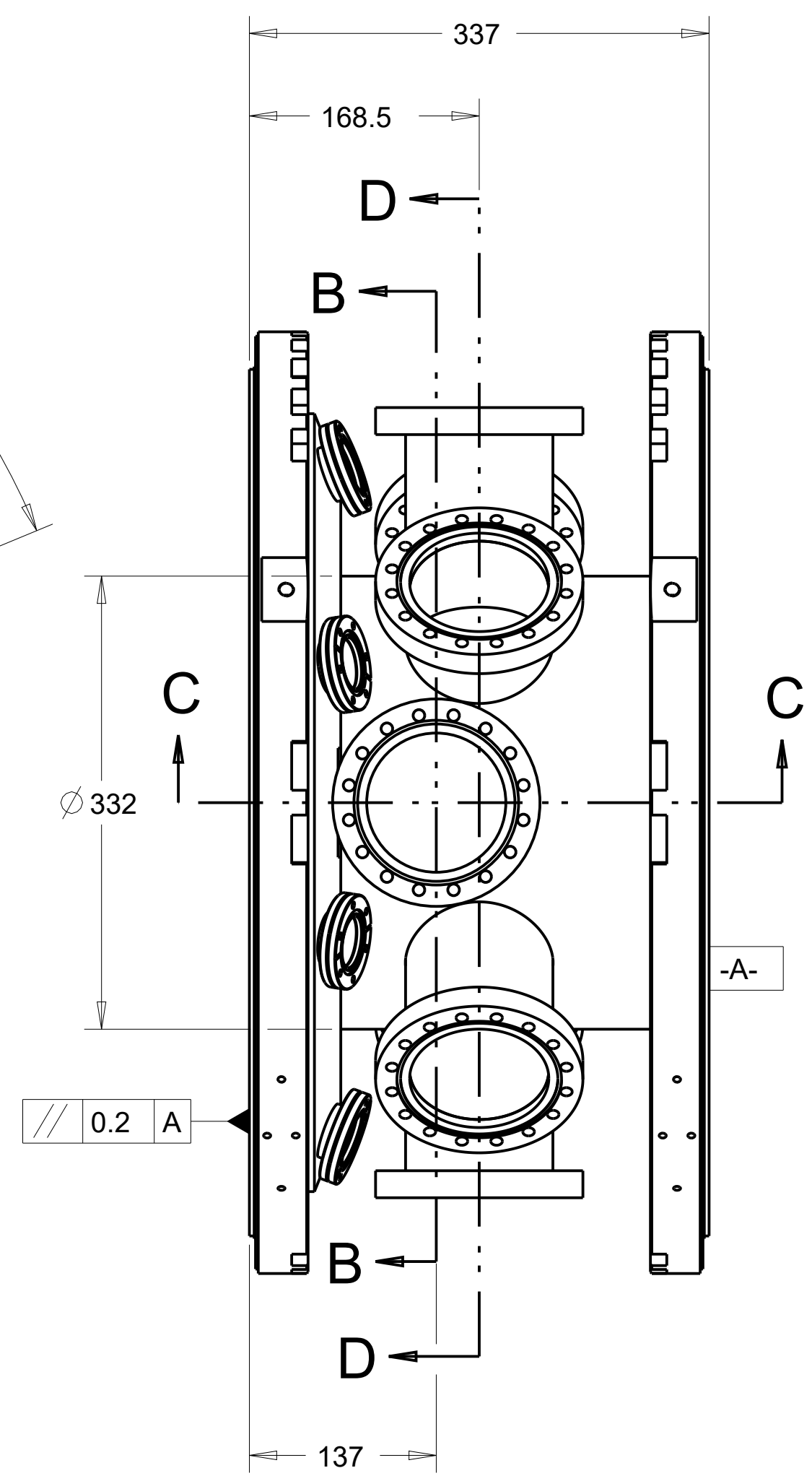
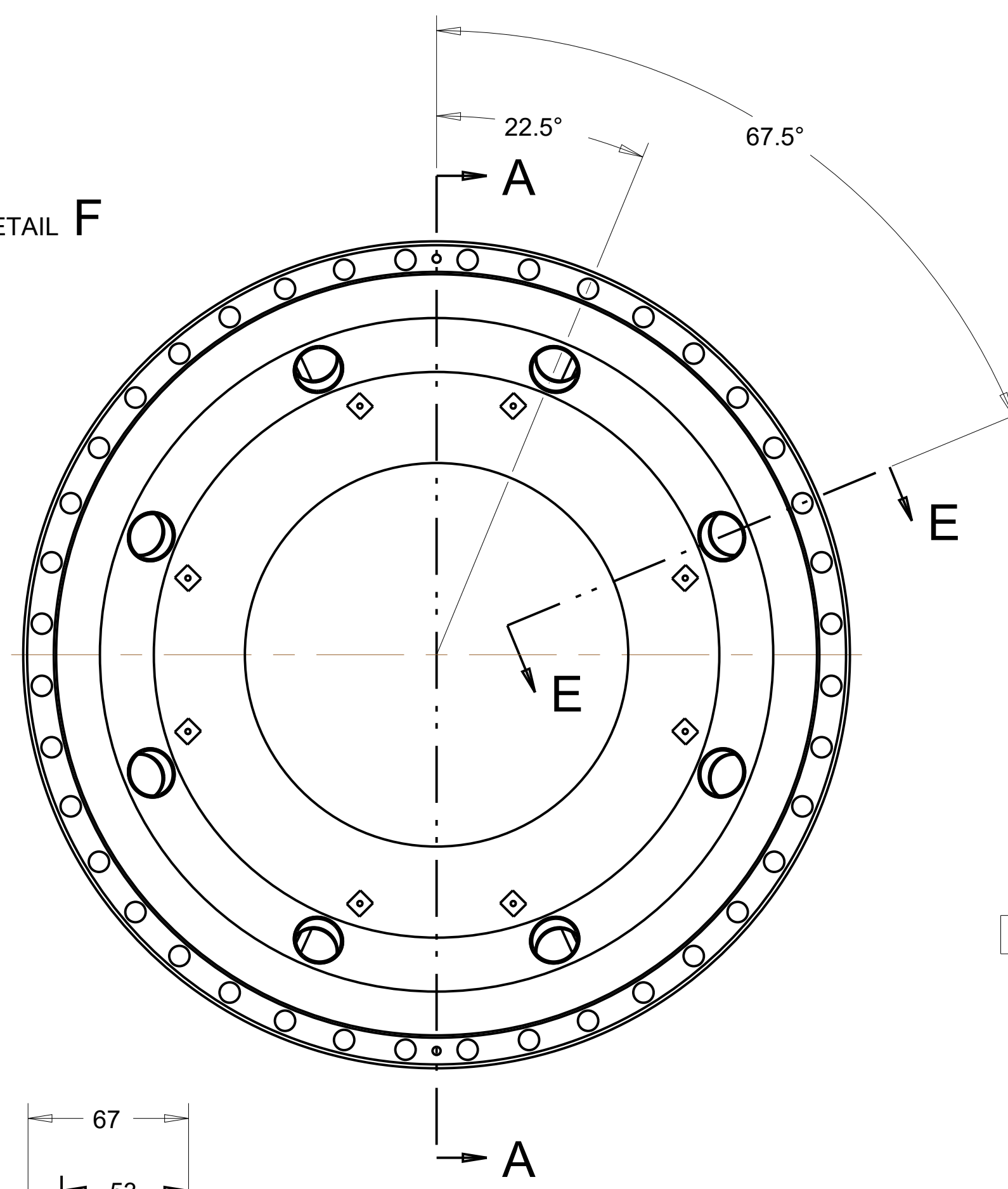
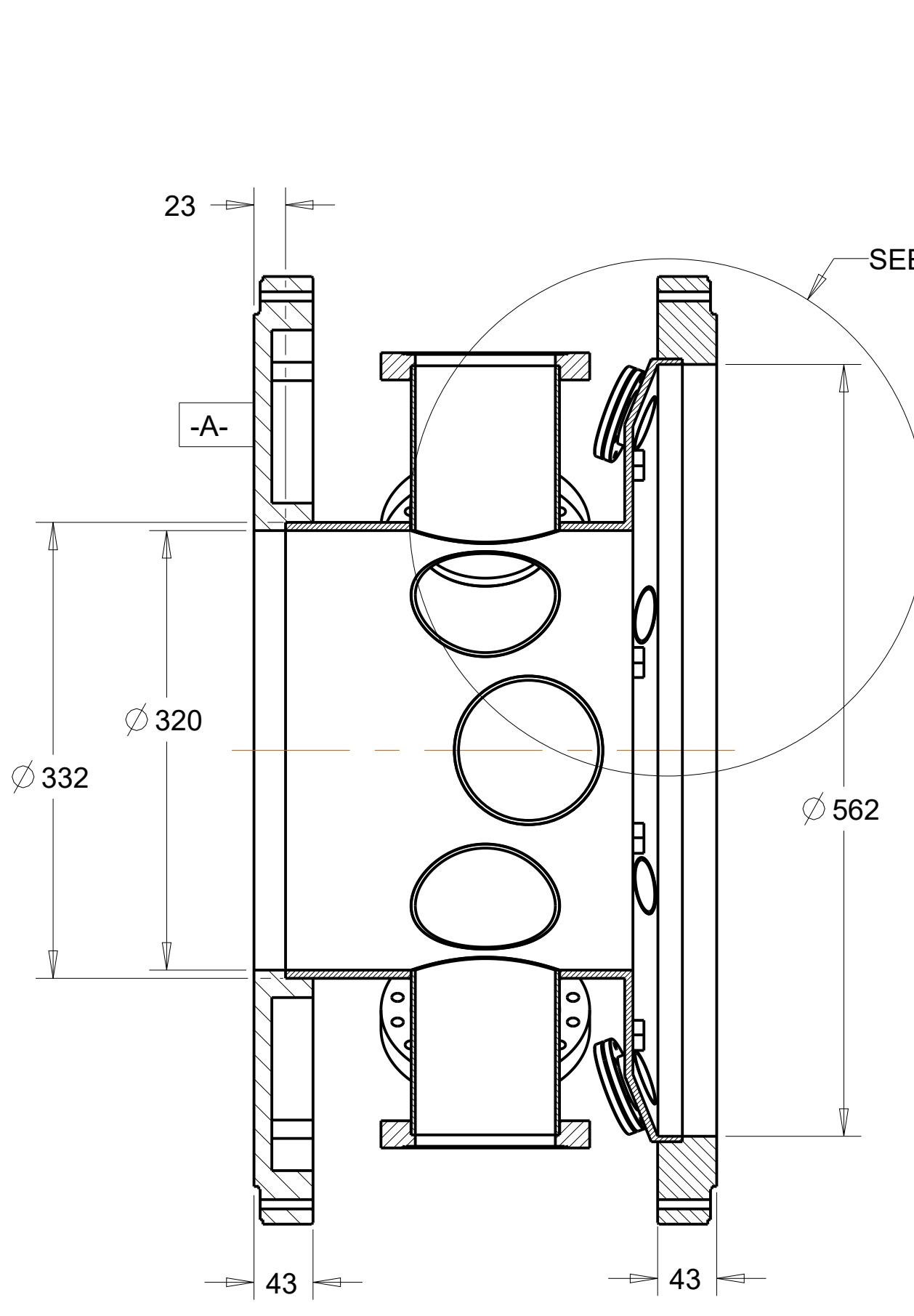
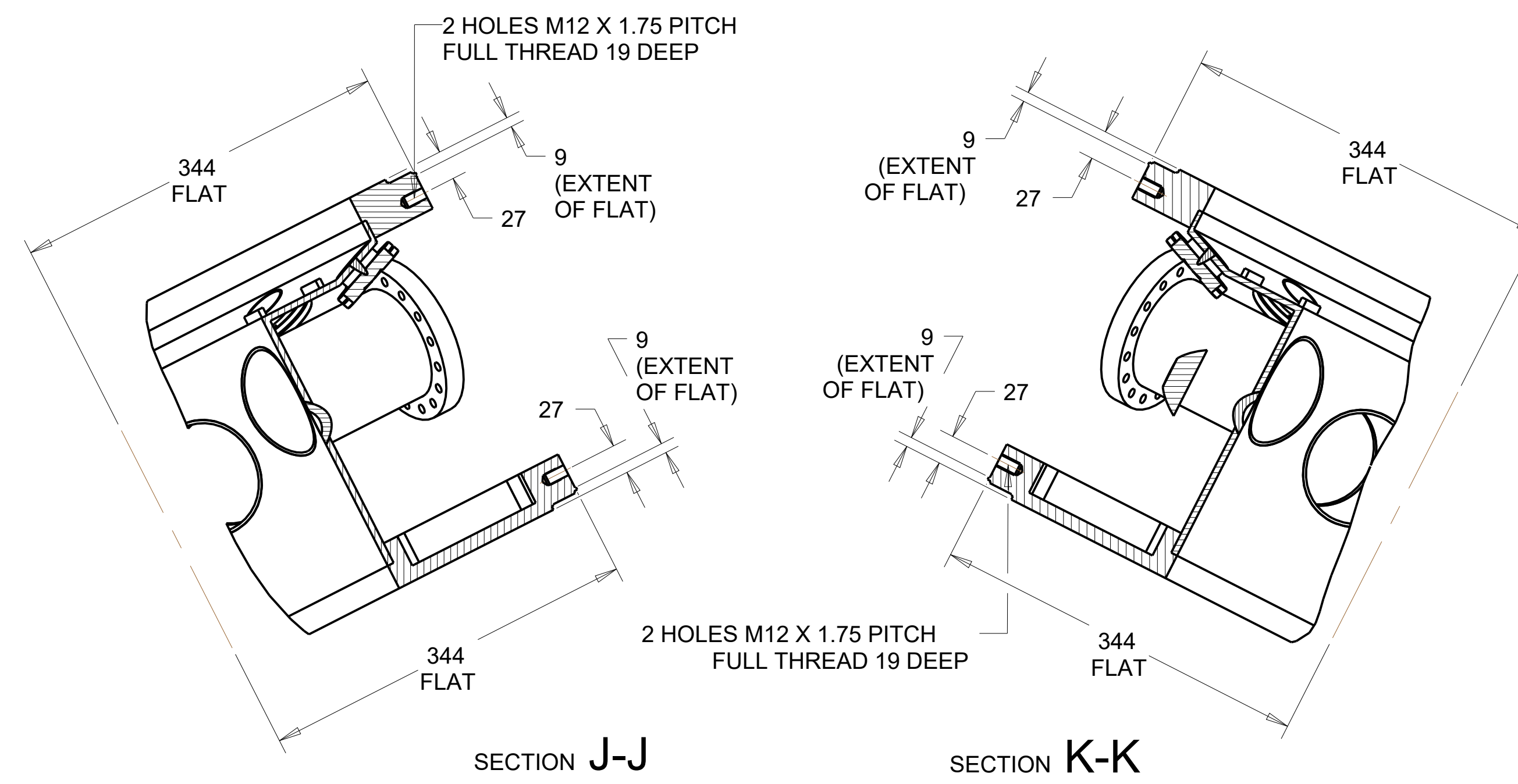


DN 600 COF MALE FLANGE CLEARANCE HOLE TYPE (PFEIFFER PART: 620FBM600)

DN 600 COF MALE FLANGE CLEARANCE HOLE TYPE (PFEIFFER PART: 620FBM600)



- NOTES:-
1. ALL WELDS TO BE VACUUM SEALING WELDS UNLESS OTHERWISE STATED.
 2. ALL VACUUM SEALING SURFACES TO BE FREE FROM RADIAL SCRATCHES AND VISIBLE DEFECTS SUCH AS PITTING, CRACKS AND INDENTATIONS.
 3. VACUUM VESSEL IS TO BE MANUFACTURED TO DARESBUARY LABORATORY SPECIFICATION ASTEC-VAC-QCD-spc-002
 4. VACUUM VESSEL IS TO BE CLEANED IN ACCORDANCE WITH DARESBUARY LABORATORY SPECIFICATION ASTEC-VAC-QCD-spc-003
 5. VACUUM VESSEL IS TO BE TESTED TO A LEAK RATE $5e10^{-12}$ mbar.l/s AND AN OUTGASSING RATE $5e10^{-14}$ mbar.l/s/cm² IN ACCORDANCE WITH DARESBUARY LABORATORY SPECIFICATION ASTEC-VAC-QCD-spc-004

ISSUE	DATE	NAME	DESCRIPTION
E	23-Apr-19	D.SEDDON	NOTE 5 CHANGED.
D	02-Apr-19	D.SEDDON	NOTE ADDED TO DN 600 COF FLANGES TO IDENTIFY THEM AS PFEIFFER PART 620FBM600
C	17-Sep-18	D.SEDDON	SHEET 1 ON DETAIL F #HOLES ON PCD 422 REMOVED. DIM 205 REMOVED. DIM 211 REMOVED. DIM 217 REMOVED. SHEET 2 BOTTOM R.H VIEW ADDED. SECTION F1 ADDED. DETAIL Z ADDED. DETAIL F DIMENSIONS CHANGED. SECTION E-E DIMENSIONS CHANGED. SECTION A-A DIAMETER 332 WAS 328. SECTIONS W-W AND X-X ADDED. NOTE 5 CHANGED.
B	12-Apr-17	D.SEDDON	SECTION A-A DIMENSIONS CHANGED.
A	18-Jan-16	D.SEDDON	FIRST ISSUE

THE UNIVERSITY OF LIVERPOOL DEPARTMENT OF PHYSICS			
PROJECT ISOL-WP2			
TITLE INTERMEDIATE CHAMBER WELDED ASSEMBLY			
DRAWING NUMBER NP70-01-2195		ARRGT. DRAWING NP70-01-2120	
SHEET 1	OF 3	SHEETS	SCALE: 0.250 A0

UNLESS OTHERWISE SPECIFIED:-	METRIC SCREW THREADS TO BS3643 CLASS 6H/6g	DRAWING PRACTICE AND TOLERANCE INTERPRETATION TO BS308	WELDING SYMBOLS TO BS 499
ALL DIMENSIONS IN MILLIMETRES		MATERIAL ST. STEEL	DATE 18-Jan-18
SURFACE TEXTURE VALUES IN MICROMETRES UNLESS OTHERWISE SPECIFIED	TOLERANCES UNLESS OTHERWISE SPECIFIED	SPEC 316LN	CHECKED
SURFACE TEXTURE TO BE Ra 3.2	MACHINED DIMS ± 0.25	TREATMENT NONE	APPROVED
ANGULAR ± 0.15°	MACHINE ALL OVER OR WHERE MARKED ✓	FINISH NATURAL	
REMOVE BURRS AND BREAK SHARP EDGES	DO NOT SCALE		