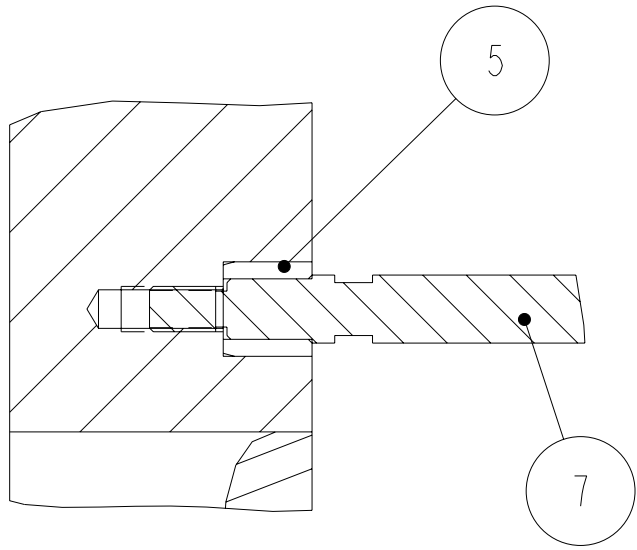
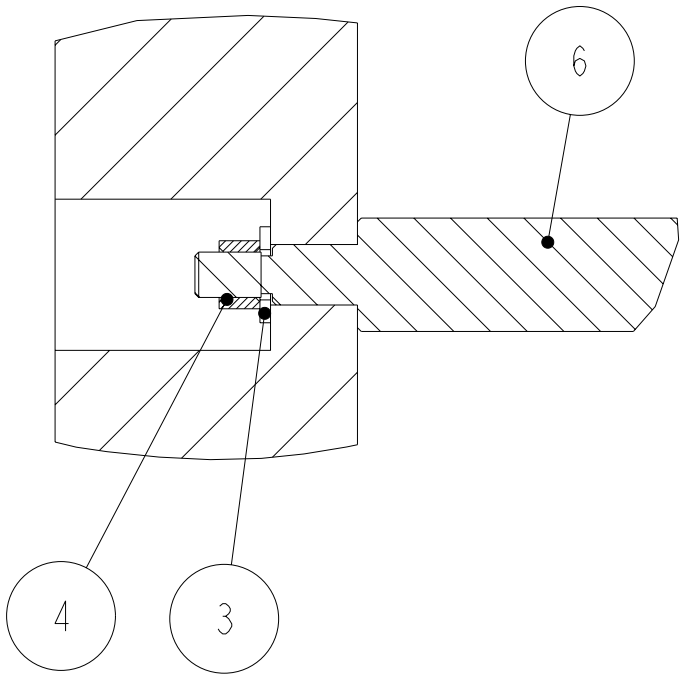


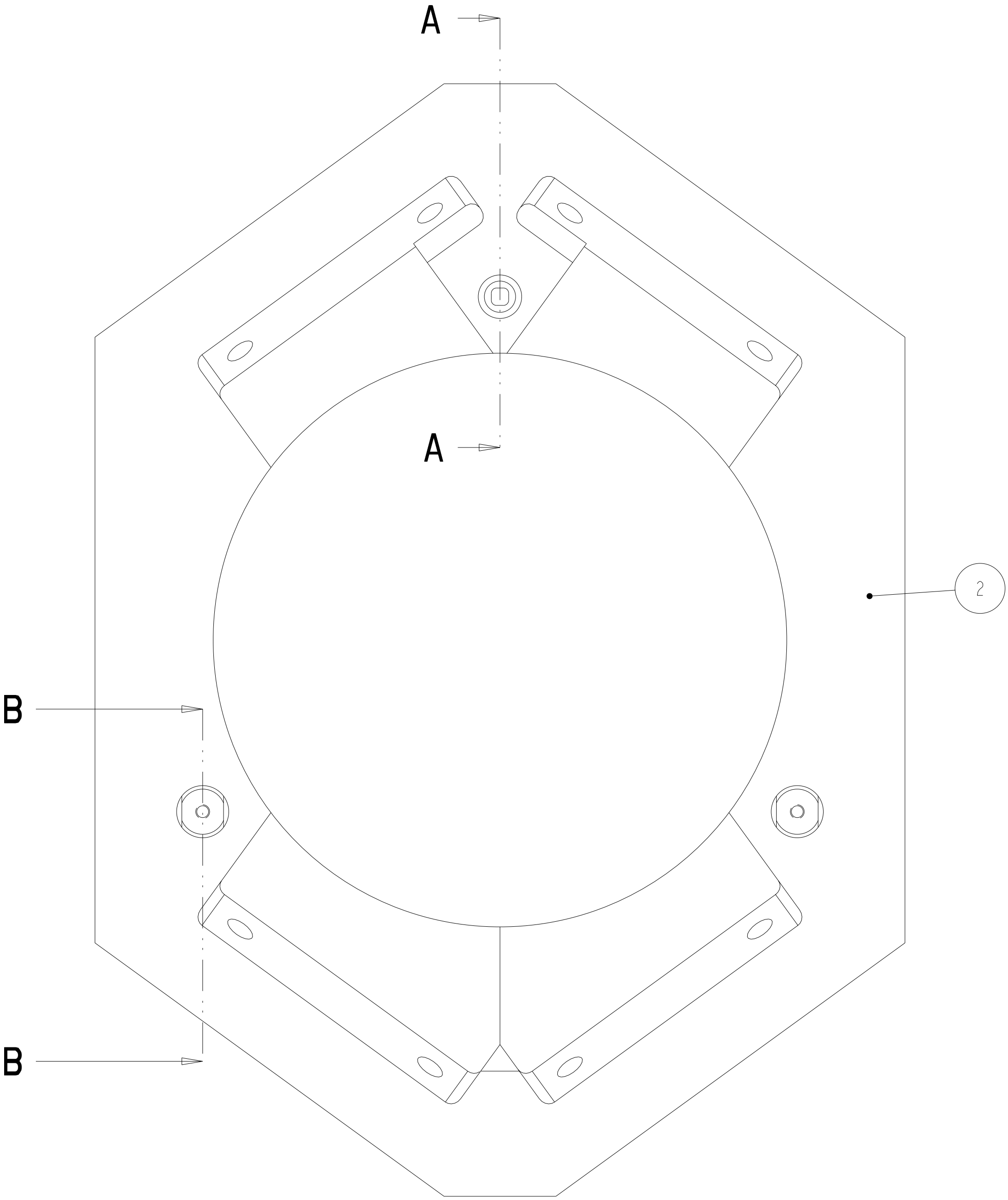
| ITEM | PART/CAD No   | DWG TITLE                   | MATERIAL  | REMARK                        | QTY |
|------|---------------|-----------------------------|-----------|-------------------------------|-----|
| 1    | 30DIA-ROD-EXT | GUIDE ROD EXTENSION         |           | OMITTED FROM VIEWS            | 2   |
| 2    | NP44-01-337   | FLANGE TYPE I               |           | SEE TABLE FOR FLANGE PART QTY | 1   |
| 3    | M12-WASHER    | M12 WASHER                  | ST. STEEL |                               | 2   |
| 4    | M12-NUT       | M12 X 1.75 PITCH NUT        | ST. STEEL |                               | 2   |
| 5    | NP44-01-345   | BUSH                        |           |                               | 1   |
| 6    | 30DIA-ROD     | CLUSTER DETECTOR GUIDE ROD  |           |                               | 2   |
| 7    | 18DIA-ROD     | CLUSTER DETECTOR LEAD SCREW |           |                               | 1   |



SECTION **A-A**



SECTION **B-B**  
(TYPICAL 2 PLACES)



THIS ASSEMBLY DRAWING IS TYPICAL FOR ASSEMBLIES  
NP44-01-352, -353, -354, -355, -356, -357 & -358.

| FLANGE PART NUMBER<br>(ITEM 2 IN ABOVE PARTS LIST) | FLANGE ASSEMBLY NUMBER | QUANTITY |
|----------------------------------------------------|------------------------|----------|
| NP44-01-337                                        | NP44-01-352            | 3        |
| NP44-01-338                                        | NP44-01-353            | 1        |
| NP44-01-339                                        | NP44-01-354            | 2        |
| NP44-01-340                                        | NP44-01-355            | 4        |
| NP44-01-341                                        | NP44-01-356            | 2        |
| NP44-01-342                                        | NP44-01-357            | 2        |
| NP44-01-343                                        | NP44-01-358            | 1        |

|               |           |           |             |
|---------------|-----------|-----------|-------------|
| <b>A</b>      | 01-Jul-05 | D. SEDDON | FIRST ISSUE |
| ISSUE         | DATE      | NAME      | DESCRIPTION |
| MODIFICATIONS |           |           |             |

|                                       |                                               |  |                                                           |        |                           |           |                        |         |    |   |                |             |    |
|---------------------------------------|-----------------------------------------------|--|-----------------------------------------------------------|--------|---------------------------|-----------|------------------------|---------|----|---|----------------|-------------|----|
| UNLESS OTHERWISE SPECIFIED:-          | METRIC SCREW THREADS<br>TO BS3643 CLASS 6H/6g |  | DRAWING PRACTICE AND TOLERANCE<br>INTERPRETATION TO BS308 |        | WELDING SYMBOLS TO BS 499 |           | TITLE                  |         |    |   |                |             |    |
| ALL DIMENSIONS IN MILLIMETRES         | TOLERANCES<br>UNLESS OTHERWISE SPECIFIED      |  | MATERIAL                                                  | -      | DRAWN                     | D. SEDDON | FLANGE TYPE I ASSEMBLY |         |    |   |                |             |    |
| SURFACE TEXTURE VALUES IN MICROMETRES | MACHINED DIMS. ± 0.25                         |  | SPEC                                                      | -      | DATE                      | 01-Jul-05 | DRAWING NUMBER         |         |    |   | ARRGT. DRAWING |             |    |
| SURFACE TEXTURE TO BE N8 ✓            | ANGULAR ± 0.15 °                              |  | TREATMENT                                                 | NONE   | CHECKED                   | -         | NP44-01-352            |         |    |   | RSB-351        |             |    |
| MACHINE ALL OVER OR WHERE MARKED ✓    | REMOVE BURRS AND BREAK SHARP EDGES            |  | DO NOT SCALE                                              | FINISH | -                         | APPROVED  | -                      | SHEET 1 | OF | 1 | SHEETS         | SCALE:0.500 | A1 |

THE UNIVERSITY OF LIVERPOOL  
DEPARTMENT OF PHYSICS

PROJECT  
RISING STOPPED BEAM

TITLE  
FLANGE TYPE I ASSEMBLY

DRAWING NUMBER  
**NP44-01-352**

ARRGT. DRAWING  
RSB-351