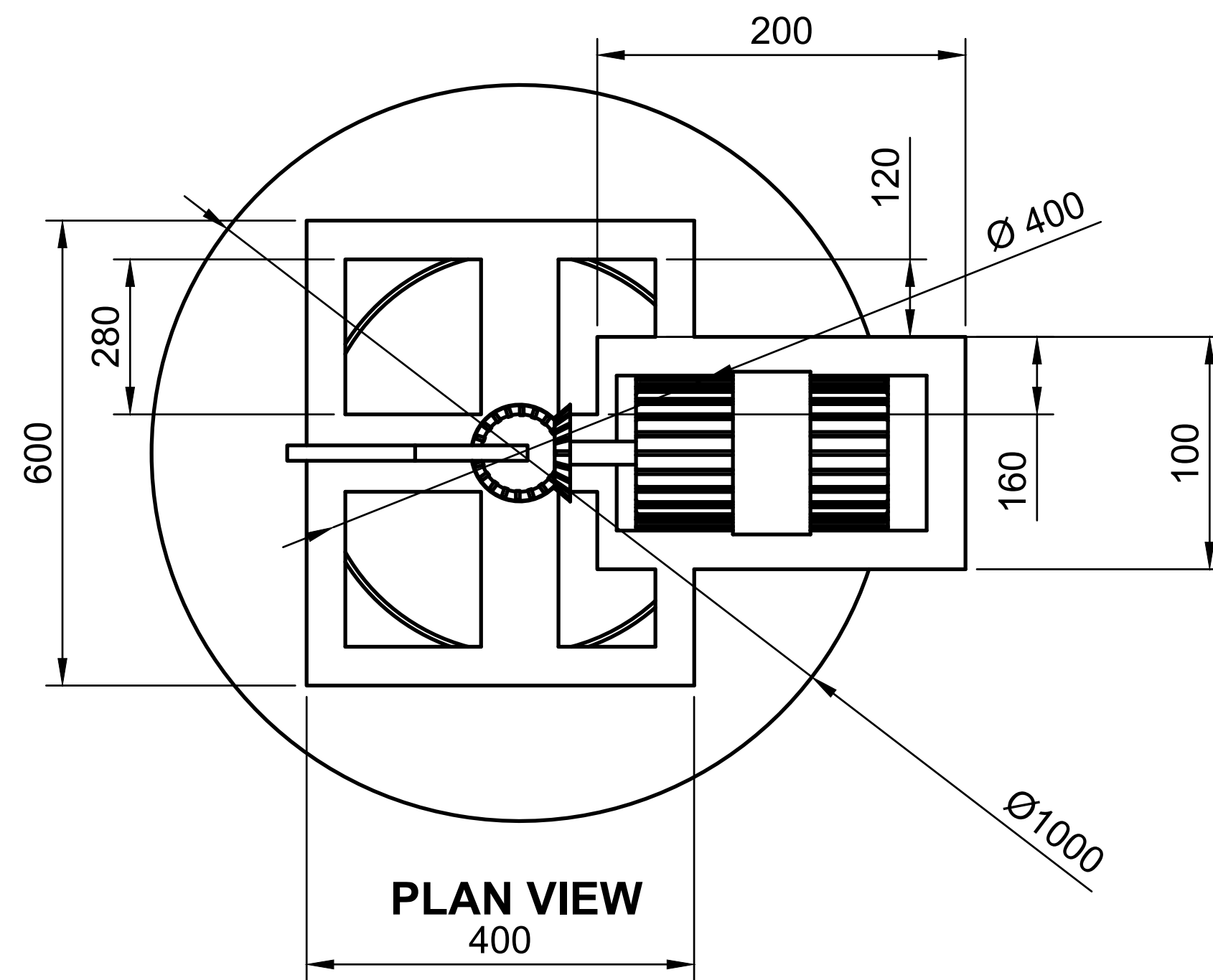
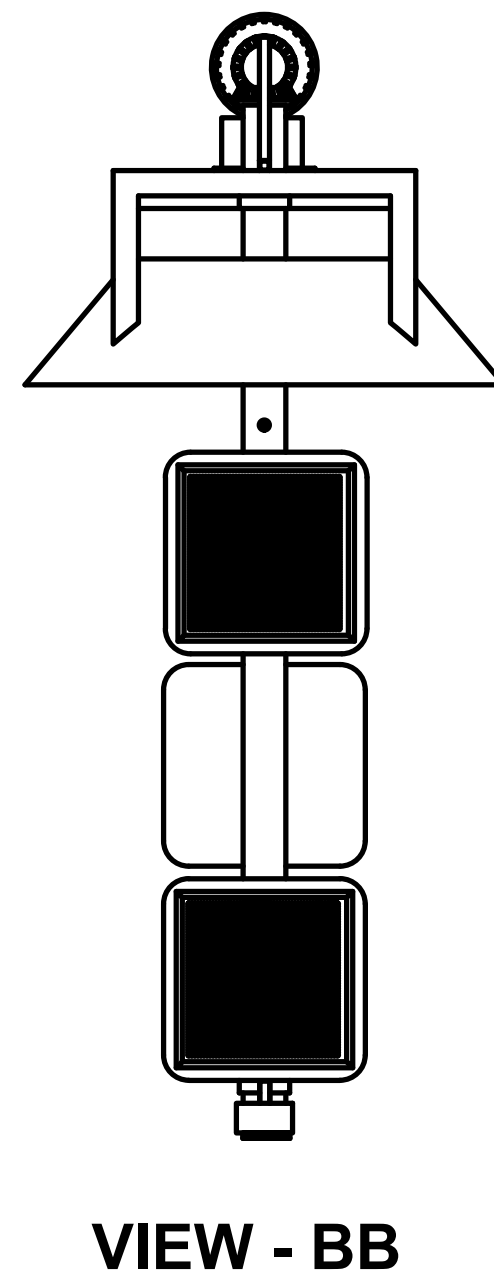
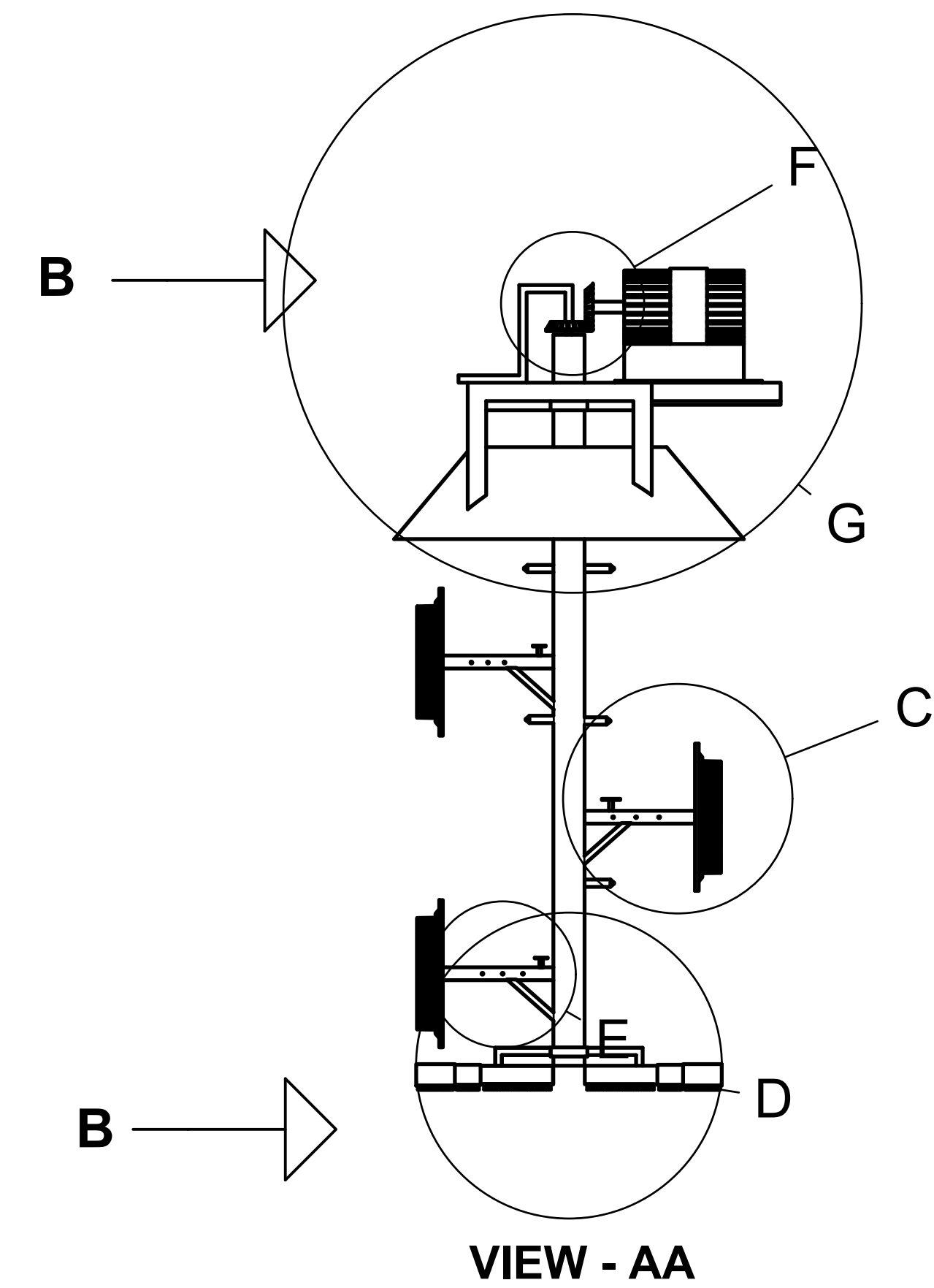
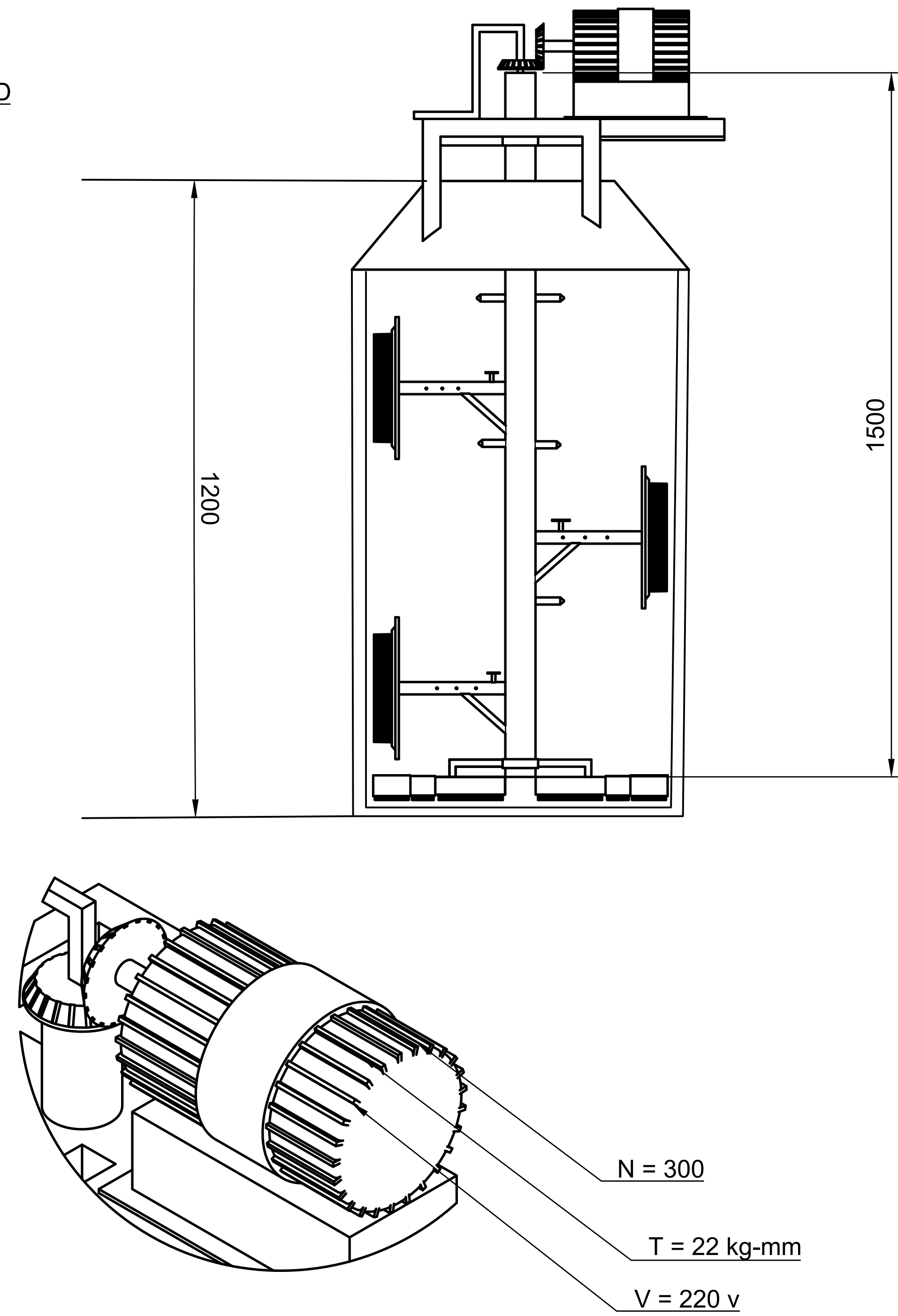
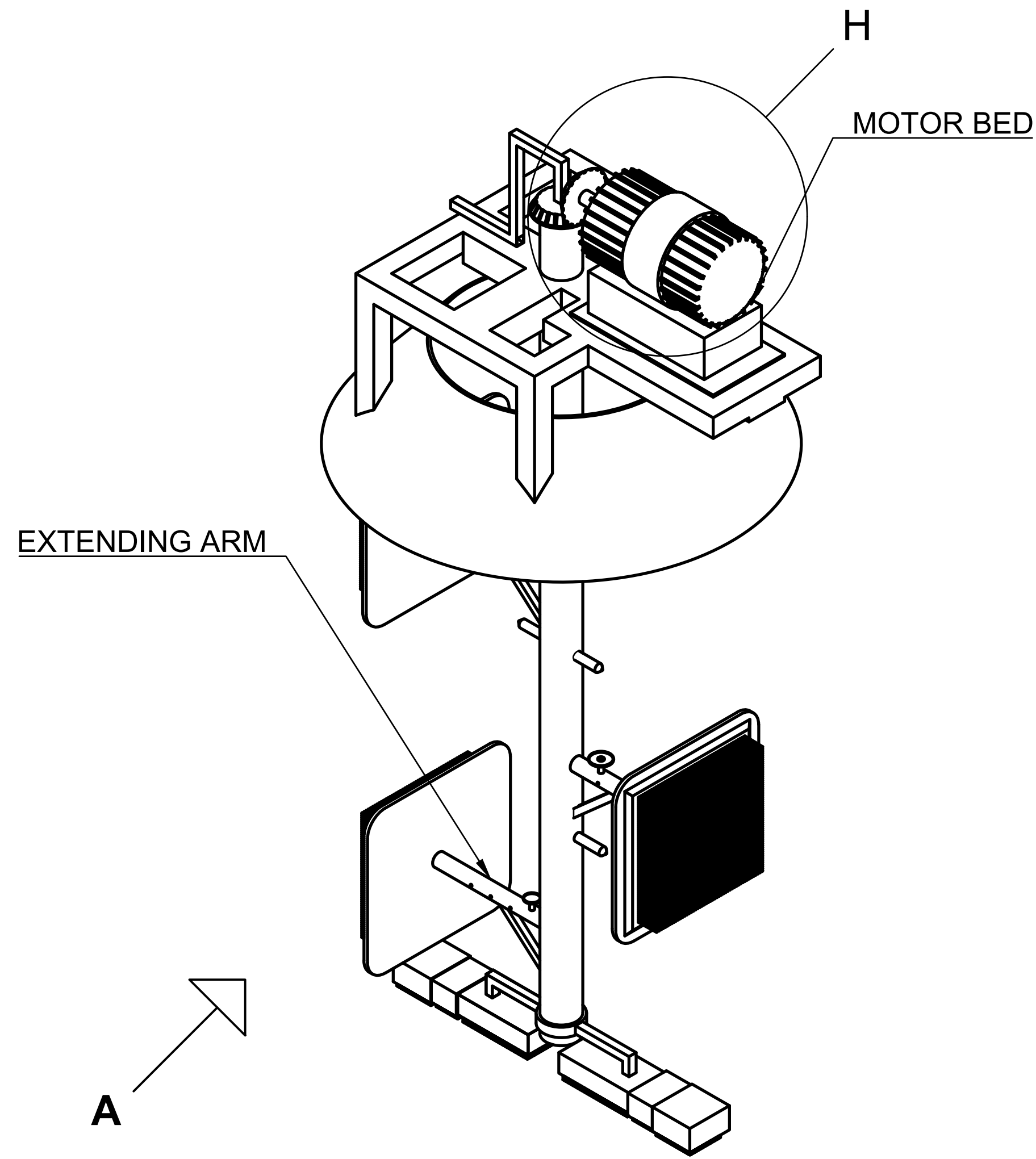
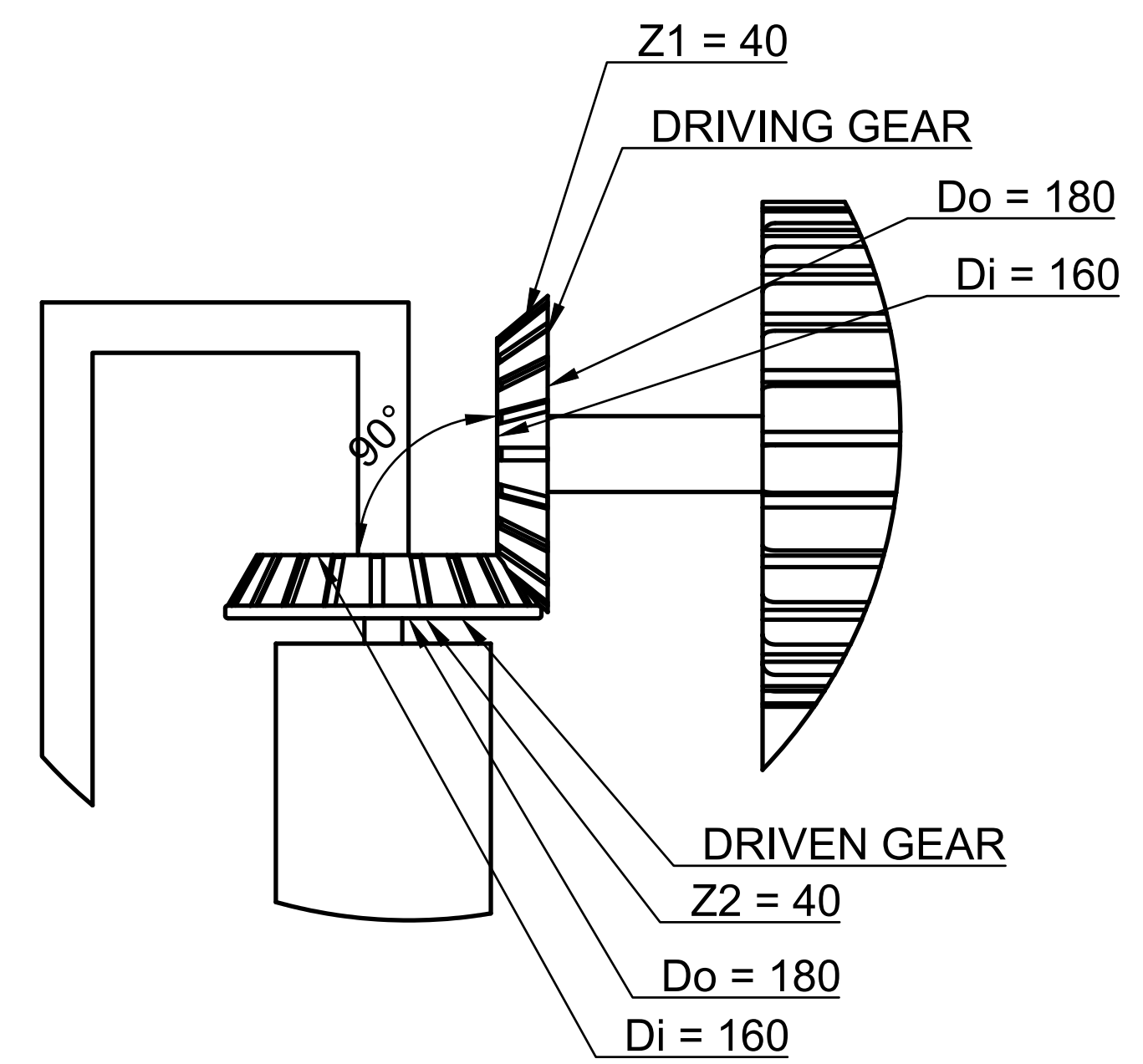
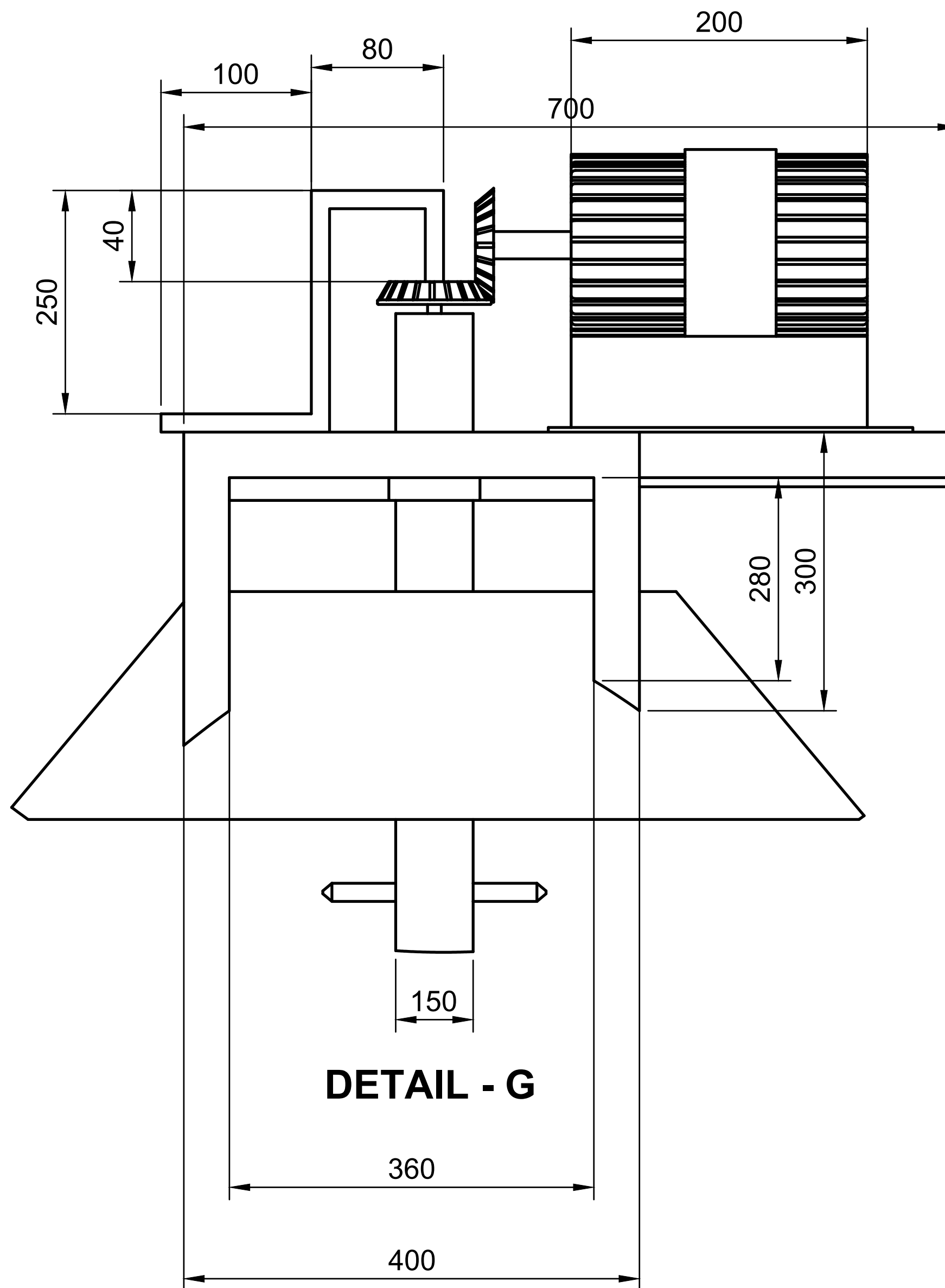


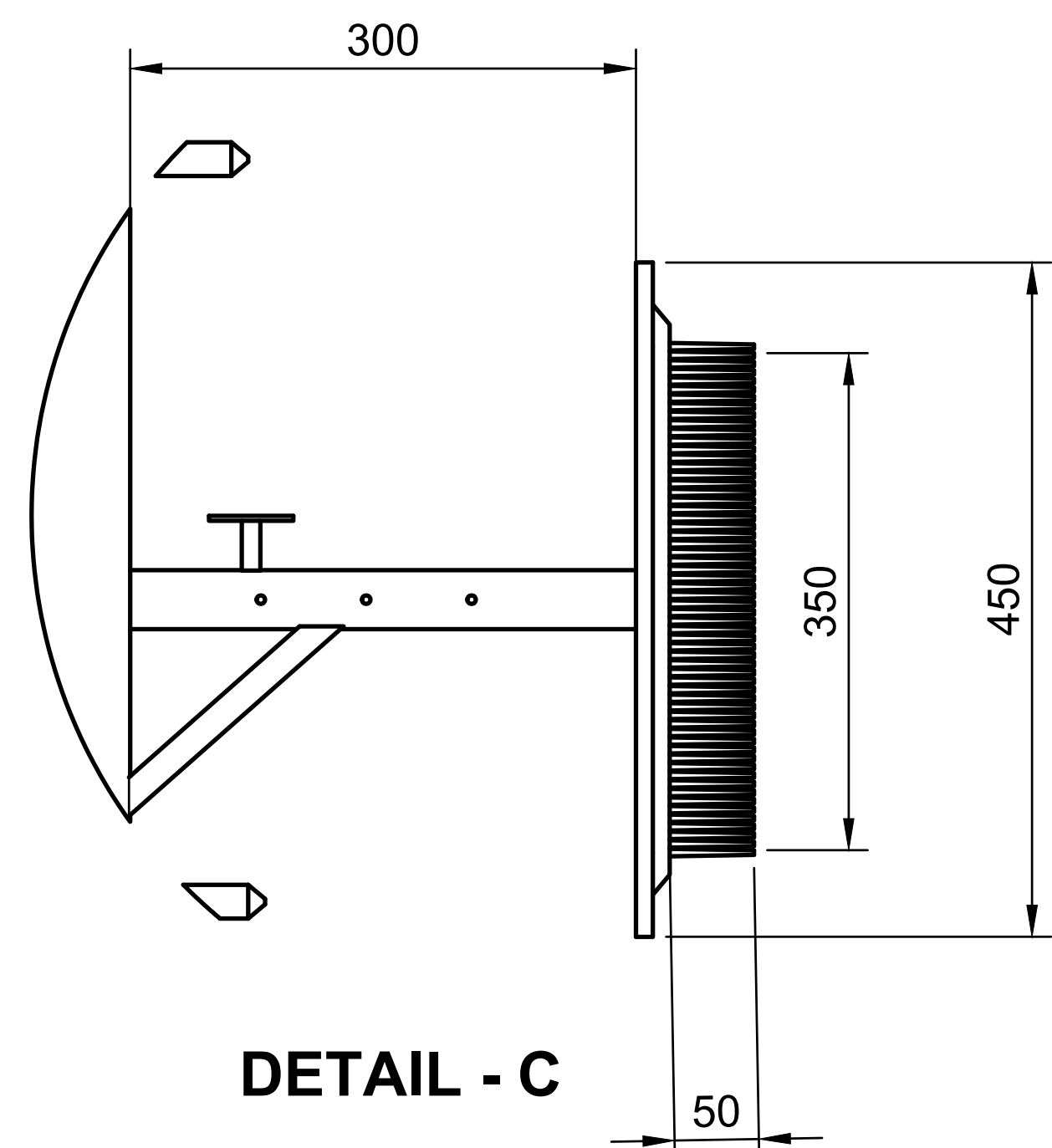
GENERAL ARRANGEMENT DIAGRAM



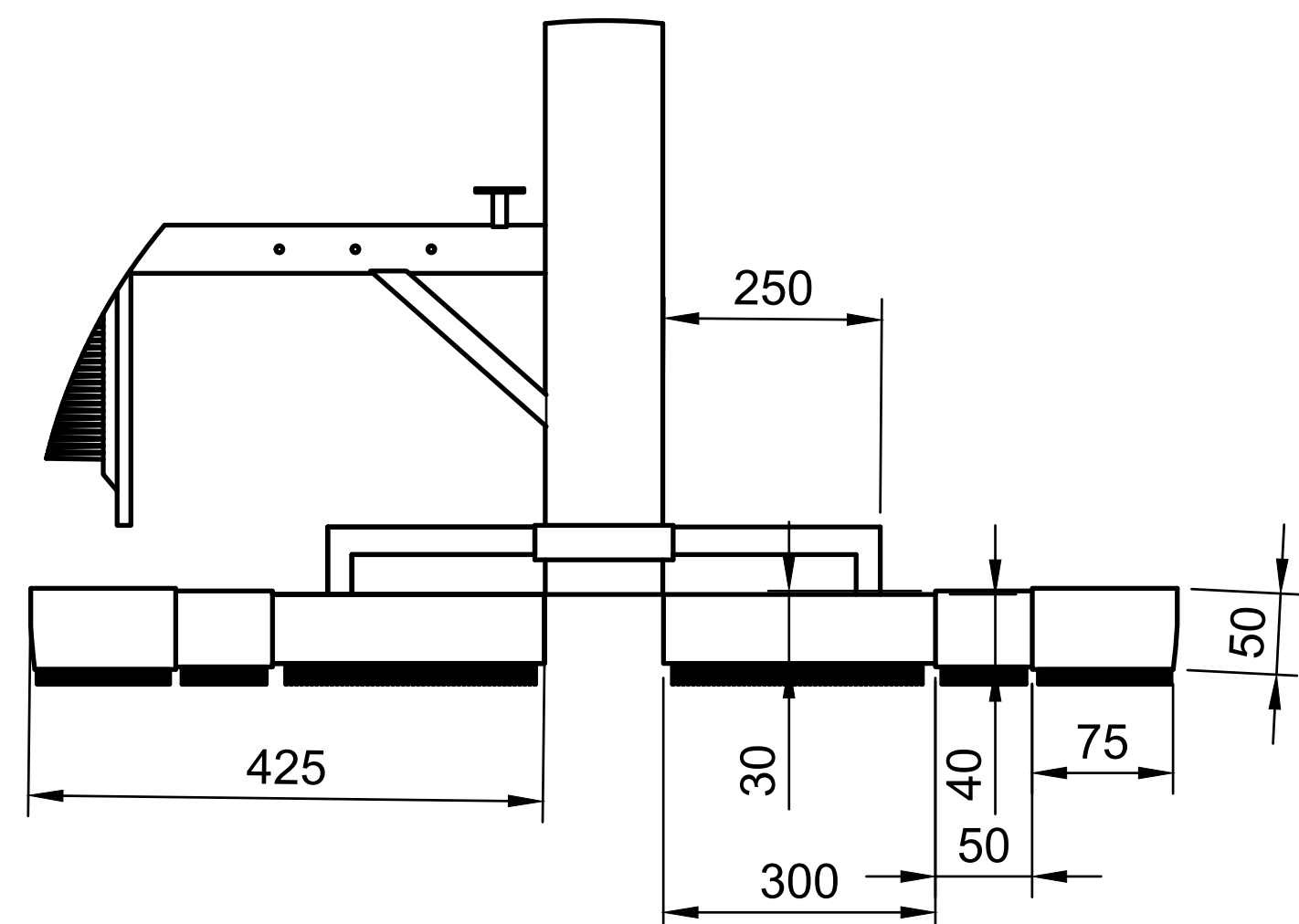
DETAIL - H



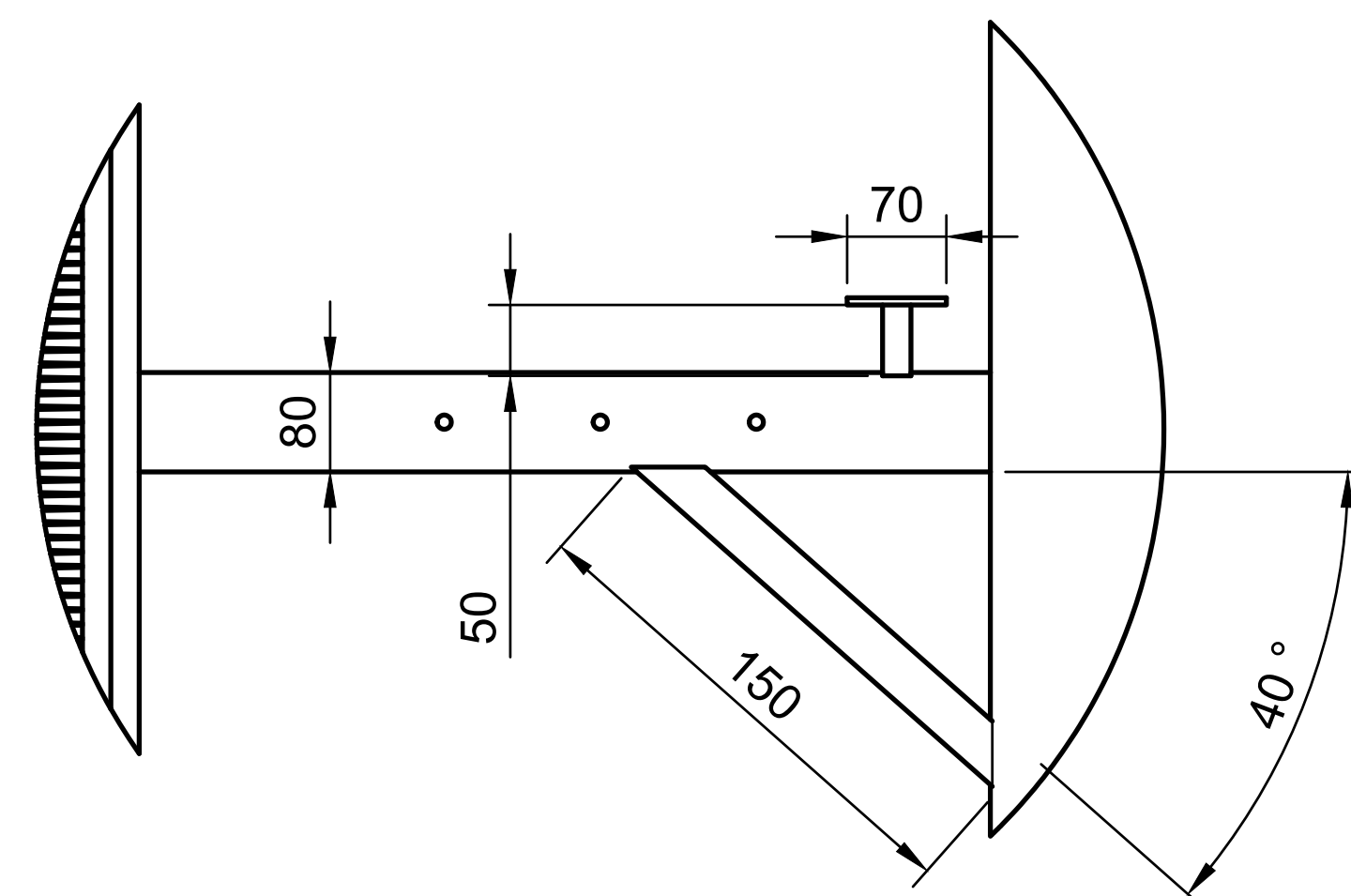
DETAIL - F



DETAIL - C



DETAIL - D



DETAIL - E

| BILL OF COMPONENTS |                                |            |            |               |
|--------------------|--------------------------------|------------|------------|---------------|
| ITEM               | PART NAME                      | MOC        | PARAMETERS | QUANTITY      |
| 1                  | BEVEL GEAR                     | CAST IRON  | 180        | 2             |
| 2                  | FRAME                          | MILD STEEL | 300        | 1             |
| 3                  | LEVER                          | MILD STEEL | 50         | 3             |
| 4                  | EXTENDING ARM                  | PVC        | 300        | 3             |
| 5                  | HOLLOW SHAFT                   | PVC        | 1500       | 1             |
| 6                  | SYNTHETIC BRUSHES              | NYLON      | 350        | 3             |
| 7                  | BOTTOM BRUSH                   | NYLON      | 425        | 2             |
| 8                  | NOZZLE                         | PVC        | 5          | 5             |
| BUDGET             |                                |            |            |               |
| S.NO               | ITEM DESCRIPTION               | QUANTITY   | UNIT COST  | PROPOSED COST |
| 1                  | MOTOR                          | 1          | 2000       | 2000          |
| 2                  | MILD STEEL PLATE(PLATE IS2062) | 1          | 600        | 600           |
| 3                  | PVC PIPE                       | 2          | 350        | 700           |
| 4                  | NYLON BRUSH                    | 5          | 300        | 1500          |
| 5                  | PUMP                           | 1          | 3000       | 3000          |
| 6                  | BEVEL GEAR                     | 2          | 500        | 1000          |
| 7                  | FABRICATION                    | -          | 1500       | 1500          |
|                    | TOTAL COST                     |            |            | 10300         |

| ALL DIMENSIONS ARE IN mm |                      |                  |   |   |
|--------------------------|----------------------|------------------|---|---|
| REVISION DETAILS         |                      |                  | PREPARED BY                               | ADHITHYA S<br>GAJAMOULIM<br>VENKATESH K<br>VINAYAGA MOORTHY S |
| REVISION NO.             | REVISION DESCRIPTION | REVISION SYMBOLS |   |   |
|                          |                      |                  |   |   |
|                          |                      |                  | VERIFIED BY                               | K.B.HARIHARAN   |
|                          |                      |                  | APPROVED BY                               | G. ARUN KUMAR   |
|                          |                      |                  | TITLE:                                    |   |
|                          |                      |                  | DESIGN AND FABRICATION<br>OF TANK CLEANER |   |
|                          |                      |                  | DEPARTMENT OF MECHANICAL ENGINEERING      |   |
|                          |                      |                  | DPF - 01 - BATCH - 06                     |   |
|                          |                      |                  | Rev:                                      | A   |
|                          |                      |                  | A0  |   |