



**higher education  
& training**

Department:  
Higher Education and Training  
**REPUBLIC OF SOUTH AFRICA**

## **MARKING GUIDELINE**

**NATIONAL CERTIFICATE**

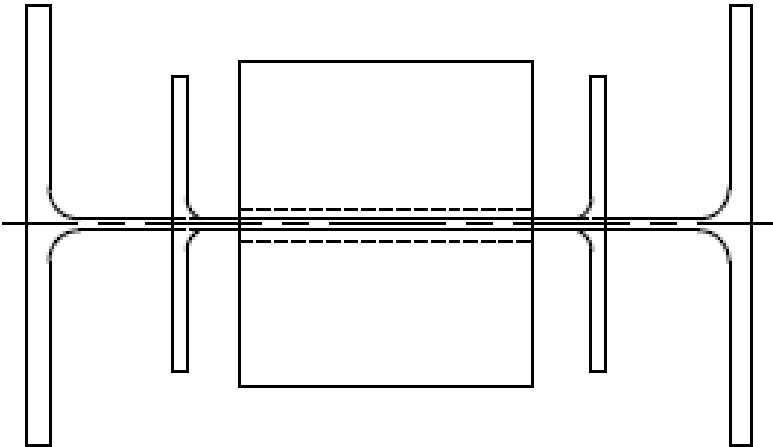
**PLATING AND STRUCTURAL STEEL DRAWING N2**

**10 APRIL 2018**

**This marking guideline consists of 6 pages.**

NOTE: ALL ANSWERS ARE NOT TO SCALE THEREFORE CANNOT BE USED AS A MARKING TOOL.

THE MEMORANDUMS ARE SCANNED IN AND ARE NOT IN AN EDITABLE FORMAT.



|                   |           |
|-------------------|-----------|
| FRONT VIEW        | 4         |
| LEFT VIEW         | 7         |
| TOP VIEW          | 7         |
| TITLE AND SCALE   | 1         |
| PROJECTION SYMBOL | 1         |
| DIMENSIONS        | 2         |
| LINework          | 3         |
| <b>TOTAL</b>      | <b>25</b> |

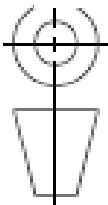
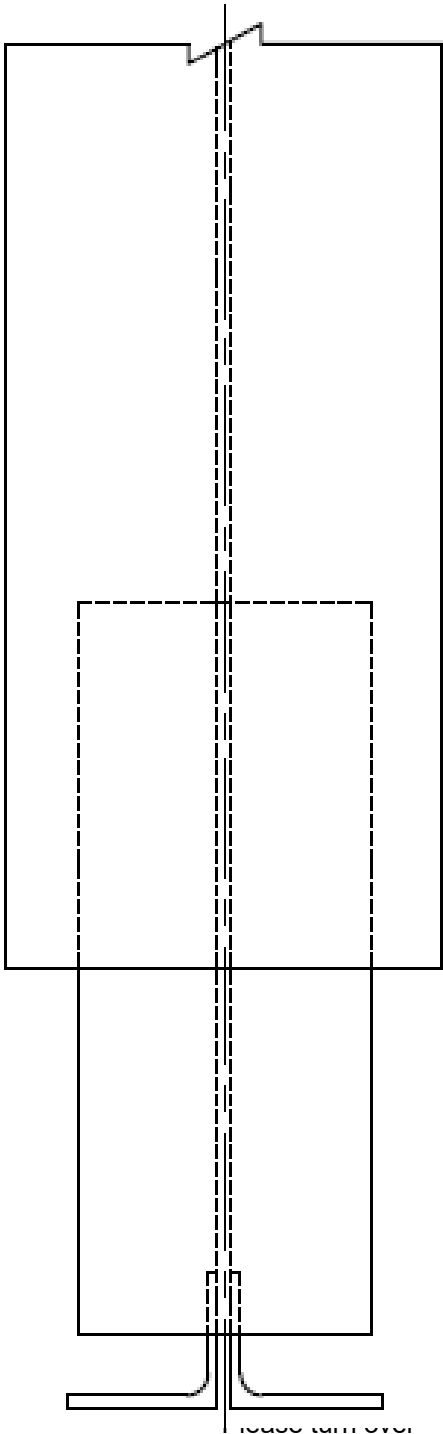
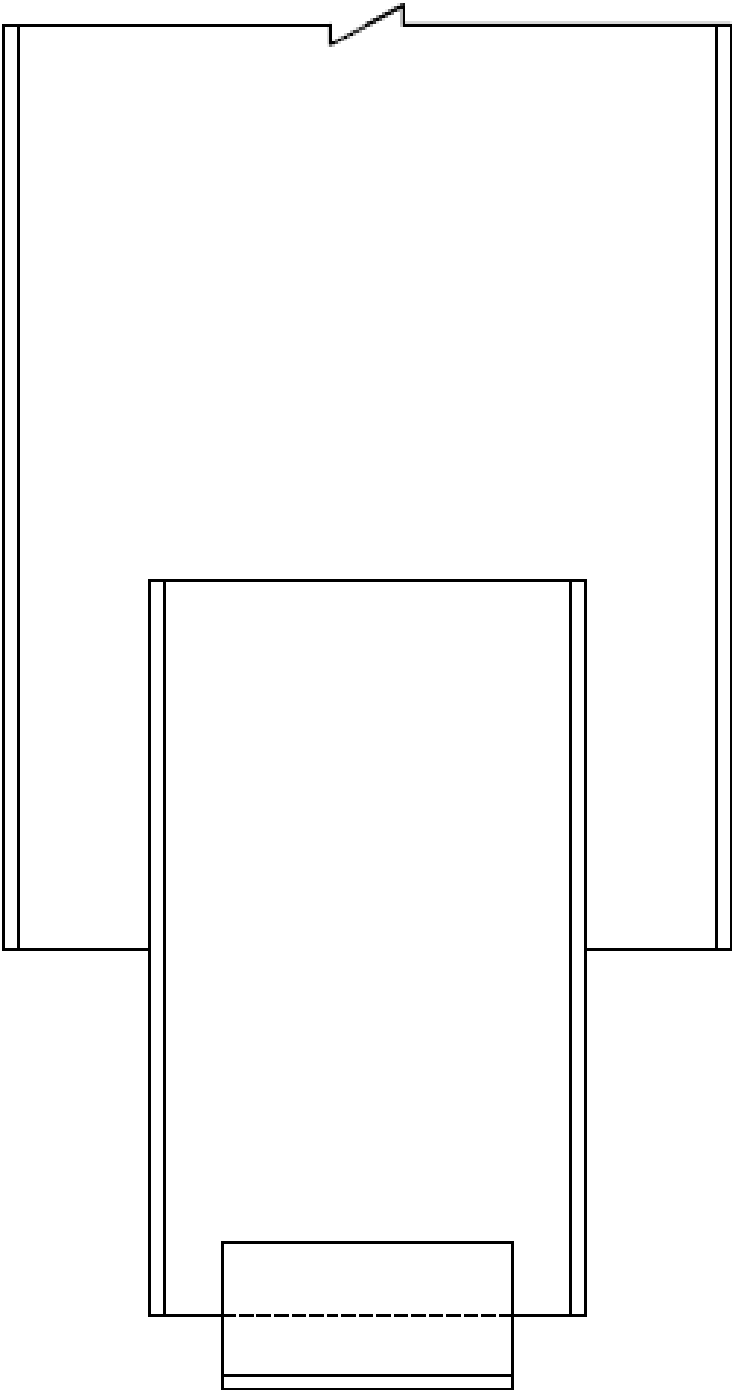


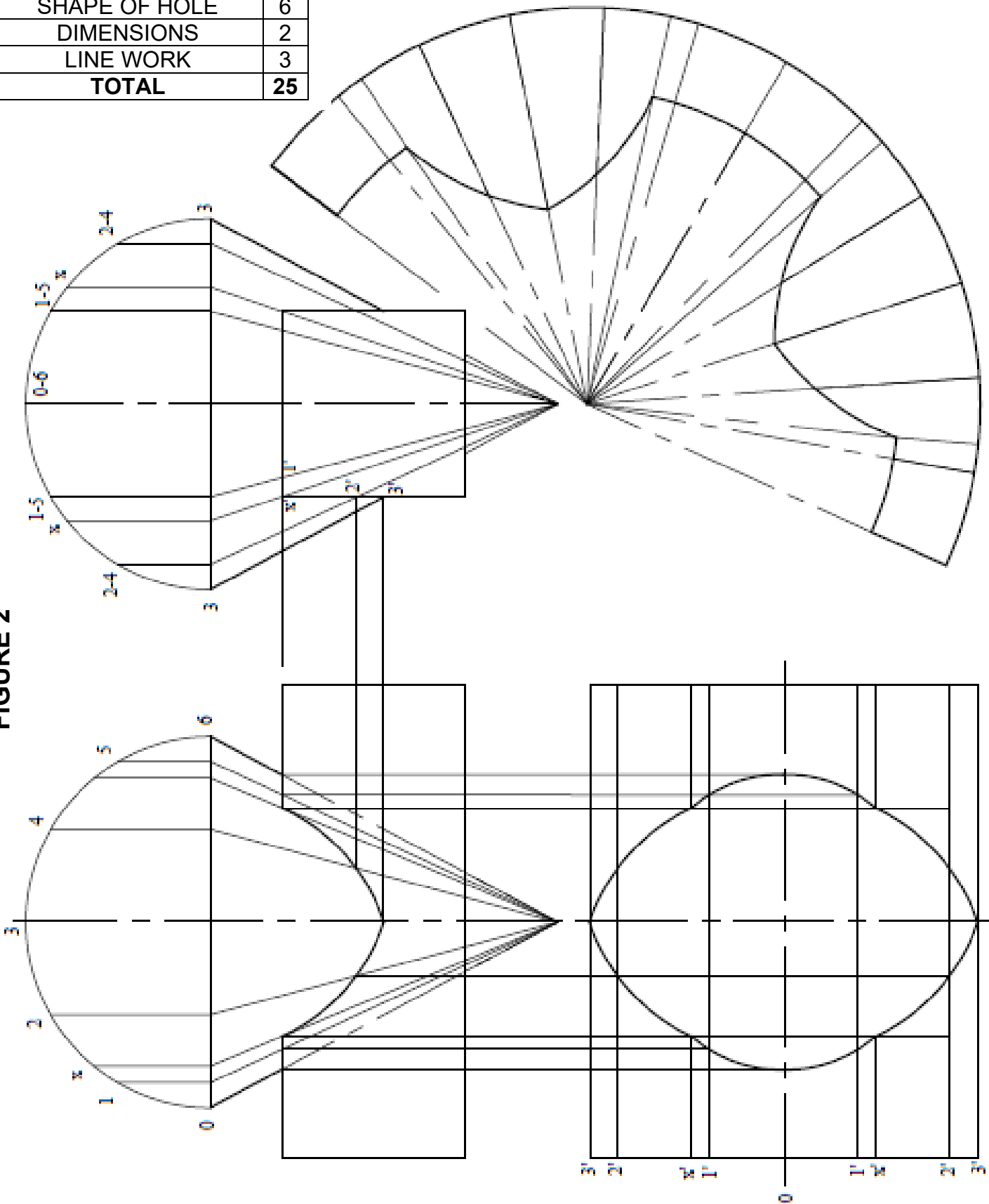
FIGURE 1



BEAM-TO-BEAM CONNECTIONSCALE 1:5

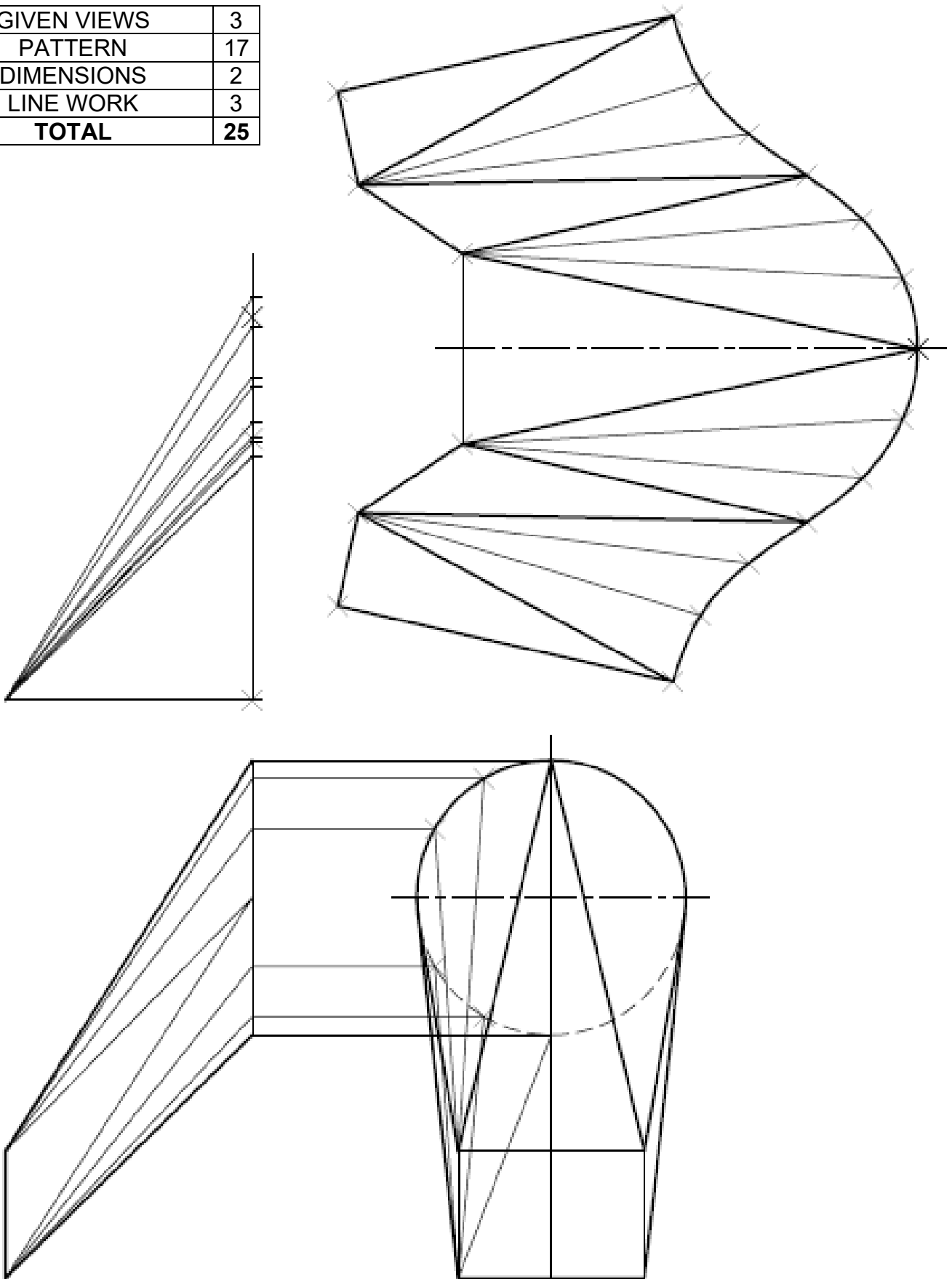
|                  |    |
|------------------|----|
| GIVEN VIEWS      | 2  |
| PENETRATION LINE | 6  |
| PATTERN OF CONE  | 6  |
| SHAPE OF HOLE    | 6  |
| DIMENSIONS       | 2  |
| LINE WORK        | 3  |
| TOTAL            | 25 |

FIGURE 2



|              |           |
|--------------|-----------|
| GIVEN VIEWS  | 3         |
| PATTERN      | 17        |
| DIMENSIONS   | 2         |
| LINE WORK    | 3         |
| <b>TOTAL</b> | <b>25</b> |

FIGURE 3



|            |    |
|------------|----|
| FRONT VIEW | 1  |
| TOP VIEW   | 1  |
| PATTERN    | 18 |
| DIMENSIONS | 2  |
| LINE WORK  | 3  |
| TOTAL      | 25 |

FIGURE 4

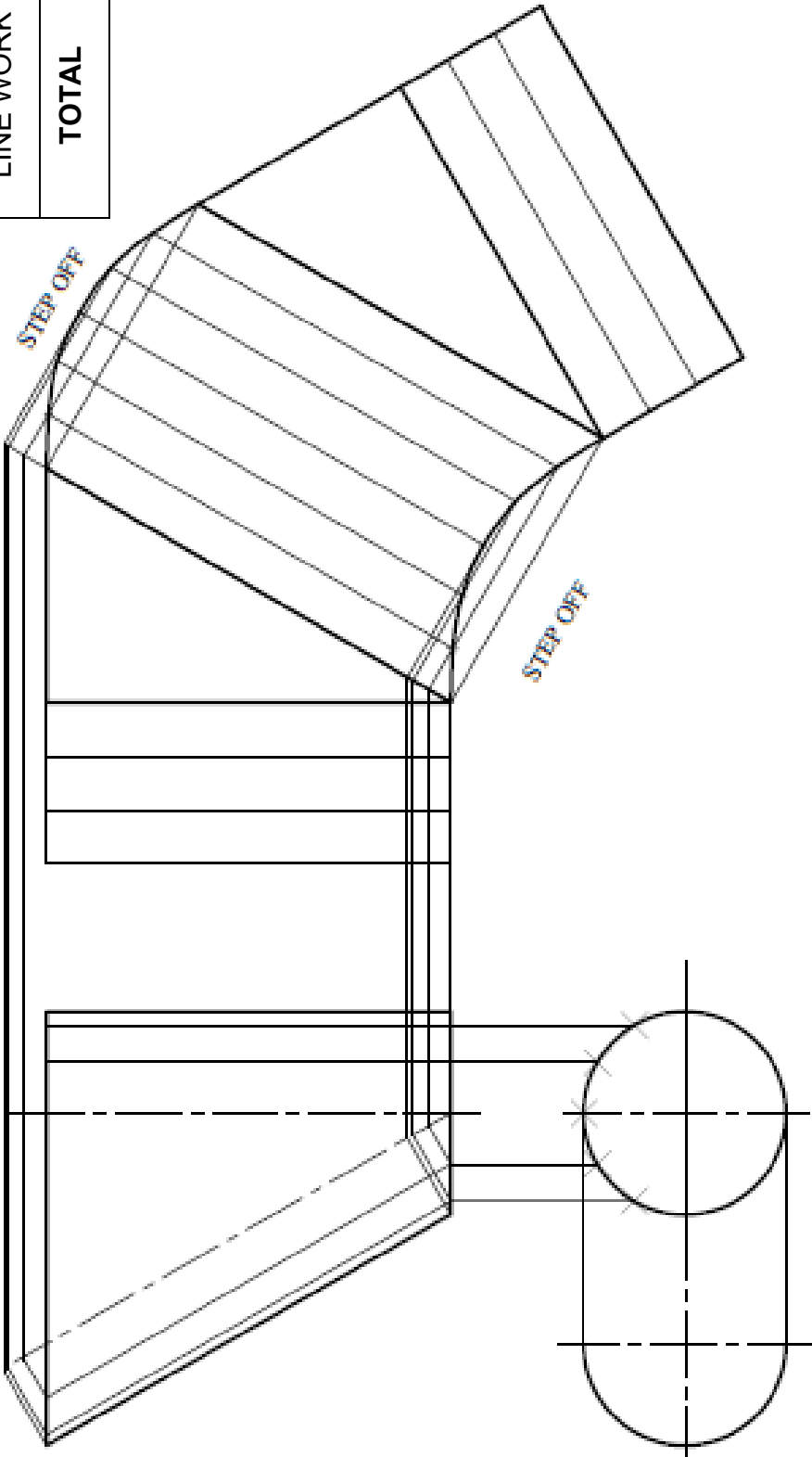


FIGURE 5

|                  |    |
|------------------|----|
| GIVEN VIEW       | 4  |
| PENETRATION LINE | 8  |
| SEGMENT'S        | 8  |
| DIMENSIONS       | 2  |
| LINE WORK        | 3  |
| TOTAL            | 25 |

