



# higher education & training

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

## **MARKING GUIDELINE**

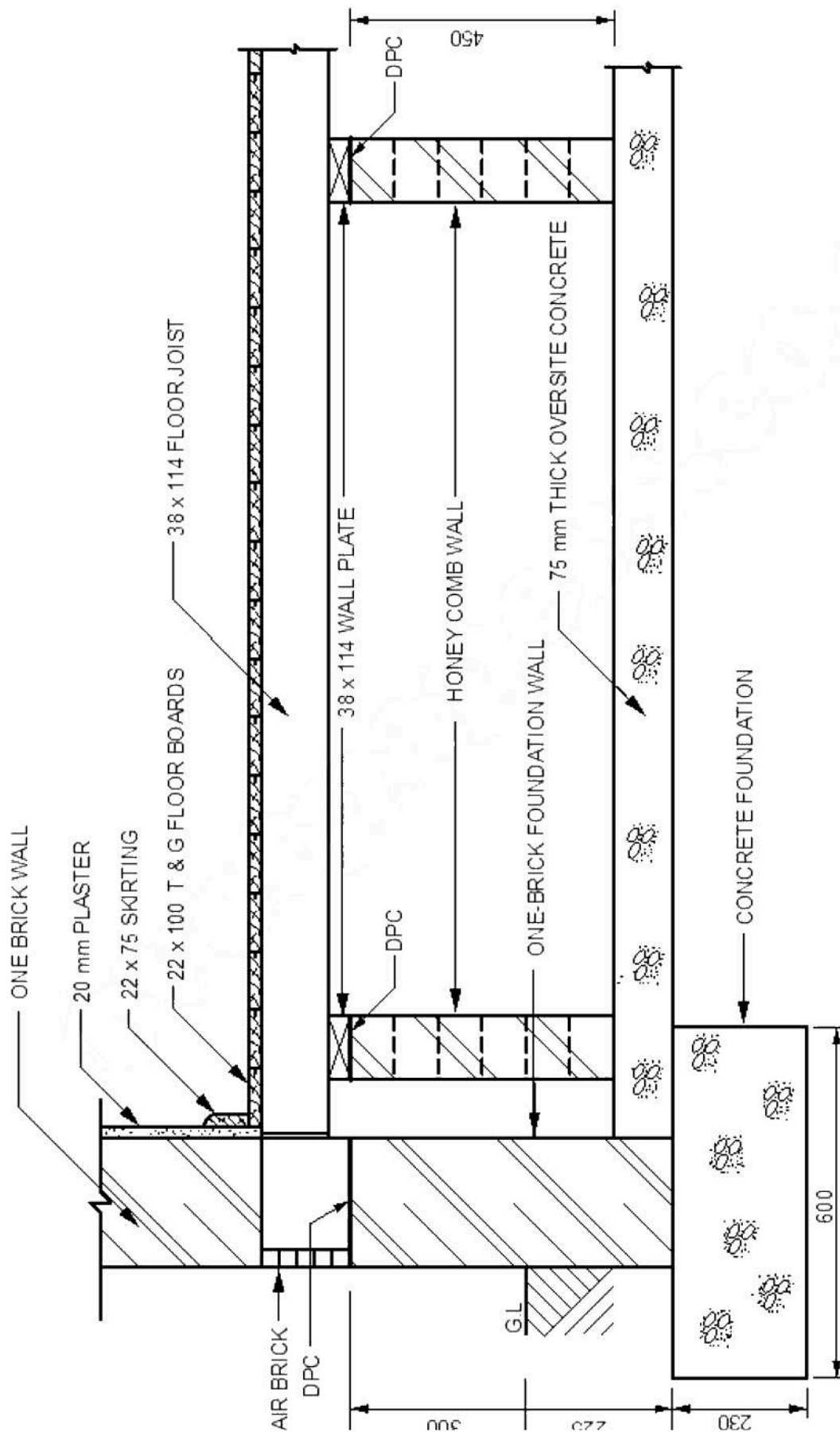
**NATIONAL CERTIFICATE**

**BUILDING DRAWING N2**

**24 November 2025**

**This marking guideline consists of 14 pages.**

## QUESTION 1: FOUNDATIONS AND DAMP-PROOFING



VERTICAL SECTION THROUGH A-A

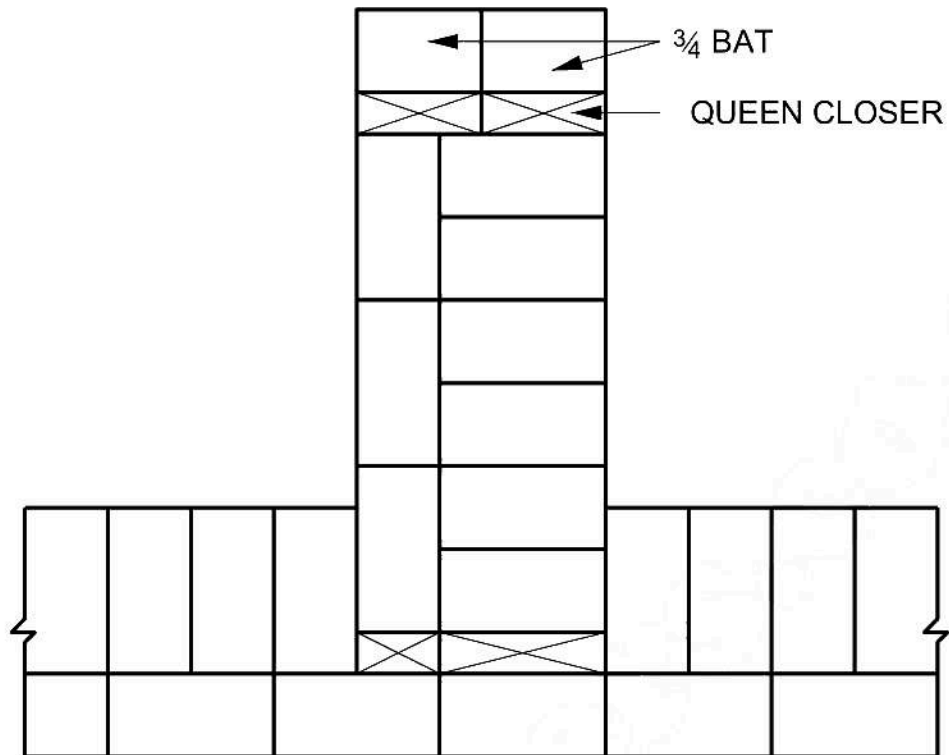
## QUESTION 1

SEE DRAWINGS FOR MODEL ANSWER.

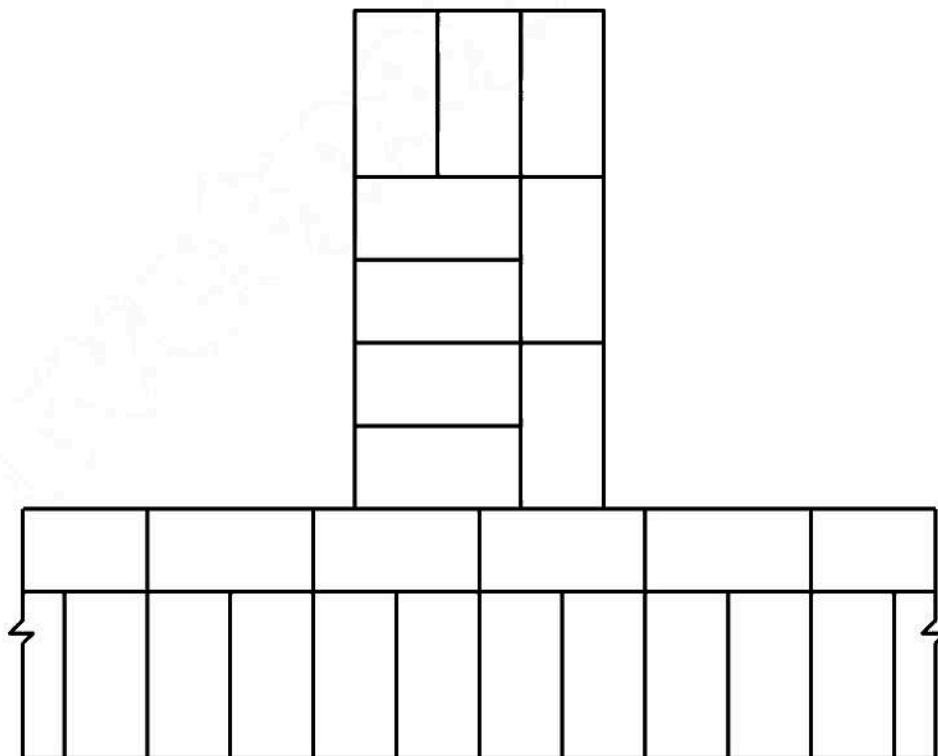
| PART OF THE DRAWING                                                                            | MARKING CRITERIA           | POSSIBLE MARK | MARKER | INTERNAL MODERATOR | EXTERNAL MODERATOR |
|------------------------------------------------------------------------------------------------|----------------------------|---------------|--------|--------------------|--------------------|
| Concrete foundation, foundation wall, external wall, ground level, airbrick, oversite concrete | Correct position           | 6             |        |                    |                    |
|                                                                                                | Hatching                   | 5             |        |                    |                    |
|                                                                                                | Labels                     | 6             |        |                    |                    |
| Honeycomb wall × 2, wall plate × 2                                                             | Correct position           | 4             |        |                    |                    |
|                                                                                                | Hatching                   | 2             |        |                    |                    |
|                                                                                                | Labels                     | 2             |        |                    |                    |
| Floor joist, floorboards, skirting                                                             | Correct position           | 3             |        |                    |                    |
|                                                                                                | Hatching                   | 2             |        |                    |                    |
|                                                                                                | Labels                     | 3             |        |                    |                    |
| Plaster                                                                                        | Correct position           | 2             |        |                    |                    |
|                                                                                                | Hatching                   | 1             |        |                    |                    |
|                                                                                                | Labels                     | 1             |        |                    |                    |
|                                                                                                | Dimensions                 | 5             |        |                    |                    |
|                                                                                                | <b>Subtotal</b>            | <b>42</b>     |        |                    |                    |
|                                                                                                | <b>Divide by</b>           | <b>3</b>      |        |                    |                    |
|                                                                                                | <b>Overall correctness</b> | <b>14</b>     |        |                    |                    |
|                                                                                                | <b>Accuracy</b>            | <b>5</b>      |        |                    |                    |
|                                                                                                | <b>Line work</b>           | <b>4</b>      |        |                    |                    |
| <b>Balanced layout and neatness</b>                                                            |                            | <b>2</b>      |        |                    |                    |
|                                                                                                | <b>TOTAL</b>               | <b>25</b>     |        |                    |                    |

NOTE: No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

## QUESTION 2: BRICKWORK



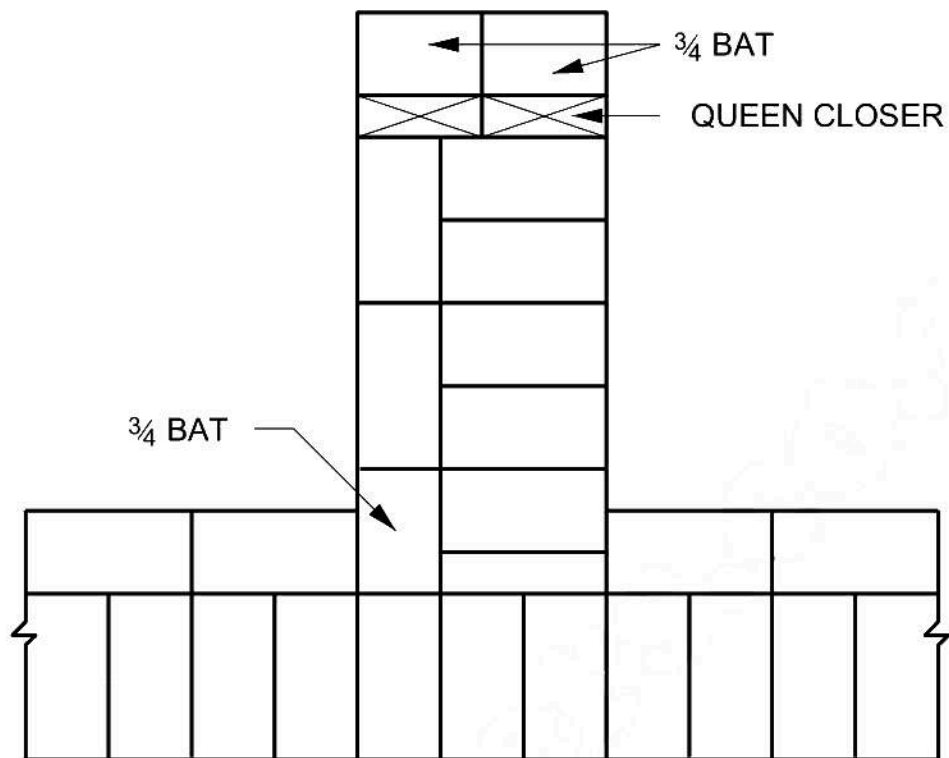
COURSE B



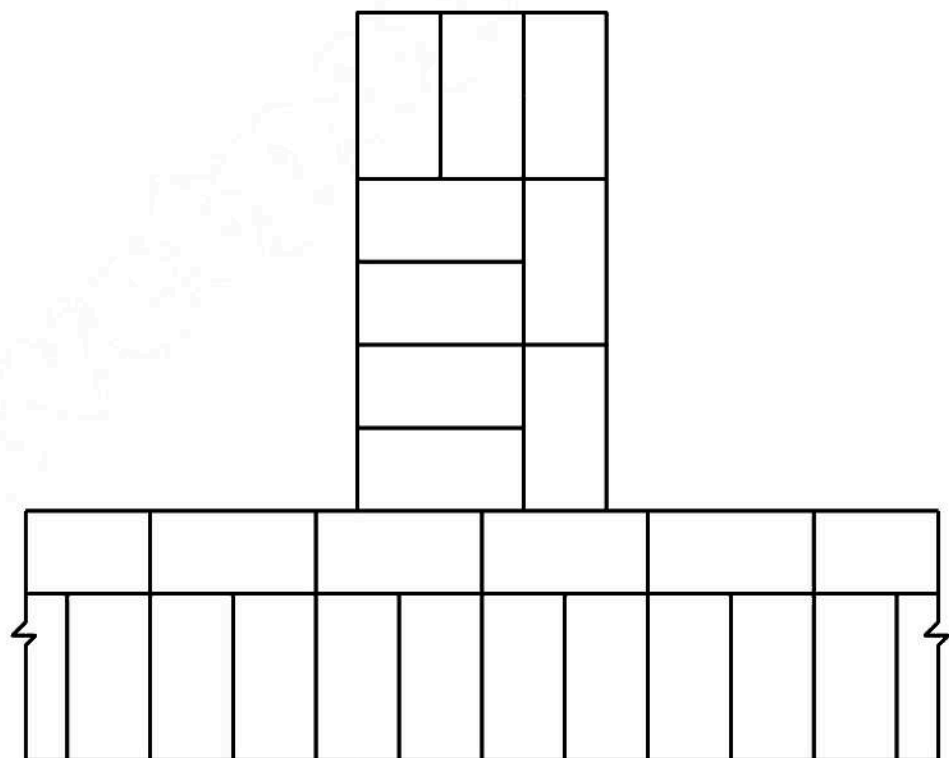
COURSE A

ALTERNATE PLAN COURSE OF TEE-JUNCTION IN ENGLISH BOND  
SCALE 1:10

**QUESTION 2: (Alternative answer)**



**COURSE B**



**COURSE A**

ALTERNATE PLAN COURSE OF TEE-JUNCTION IN ENGLISH BOND  
SCALE 1:10

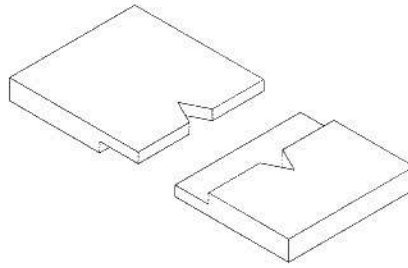
## QUESTION 2

SEE DRAWINGS FOR MODEL ANSWER.

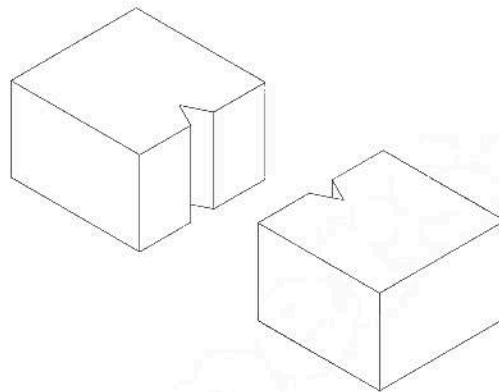
| PART OF THE DRAWING                 | MARKING CRITERIA     | POSSIBLE MARK | MARKER | INTERNAL MODERATOR | EXTERNAL MODERATOR |
|-------------------------------------|----------------------|---------------|--------|--------------------|--------------------|
|                                     | Alignment of courses | 2             |        |                    |                    |
| Course A                            | Correct size         | 4             |        |                    |                    |
|                                     | Brick pattern        | 2             |        |                    |                    |
|                                     | Brick size           | 3             |        |                    |                    |
|                                     | Stopped ends         | 1             |        |                    |                    |
| Course B                            | Correct size         | 4             |        |                    |                    |
|                                     | Brick pattern        | 2             |        |                    |                    |
|                                     | Brick size           | 1             |        |                    |                    |
|                                     | Stopped ends         | 1             |        |                    |                    |
|                                     | Labels               | 2             |        |                    |                    |
|                                     | <b>Subtotal</b>      | <b>22</b>     |        |                    |                    |
|                                     | <b>Divide by</b>     | <b>2,75</b>   |        |                    |                    |
| <b>Overall correctness</b>          |                      | <b>8</b>      |        |                    |                    |
|                                     | <b>Accuracy</b>      | <b>4</b>      |        |                    |                    |
|                                     | <b>Line work</b>     | <b>2</b>      |        |                    |                    |
| <b>Balanced layout and neatness</b> |                      | <b>1</b>      |        |                    |                    |
|                                     | <b>TOTAL</b>         | <b>15</b>     |        |                    |                    |

NOTE: No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

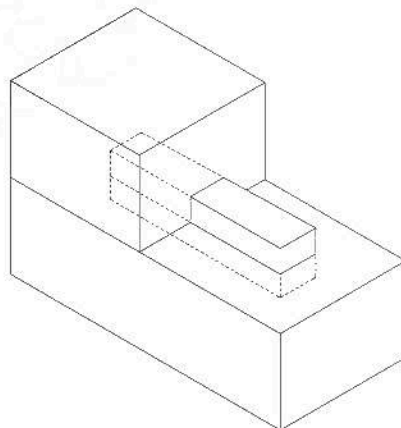
### QUESTION 3: MASONRY



REBATED JOINT WITH JOGGLE



V - JOGGLE



TABLING JOINT WITH SLATE JOGGLE

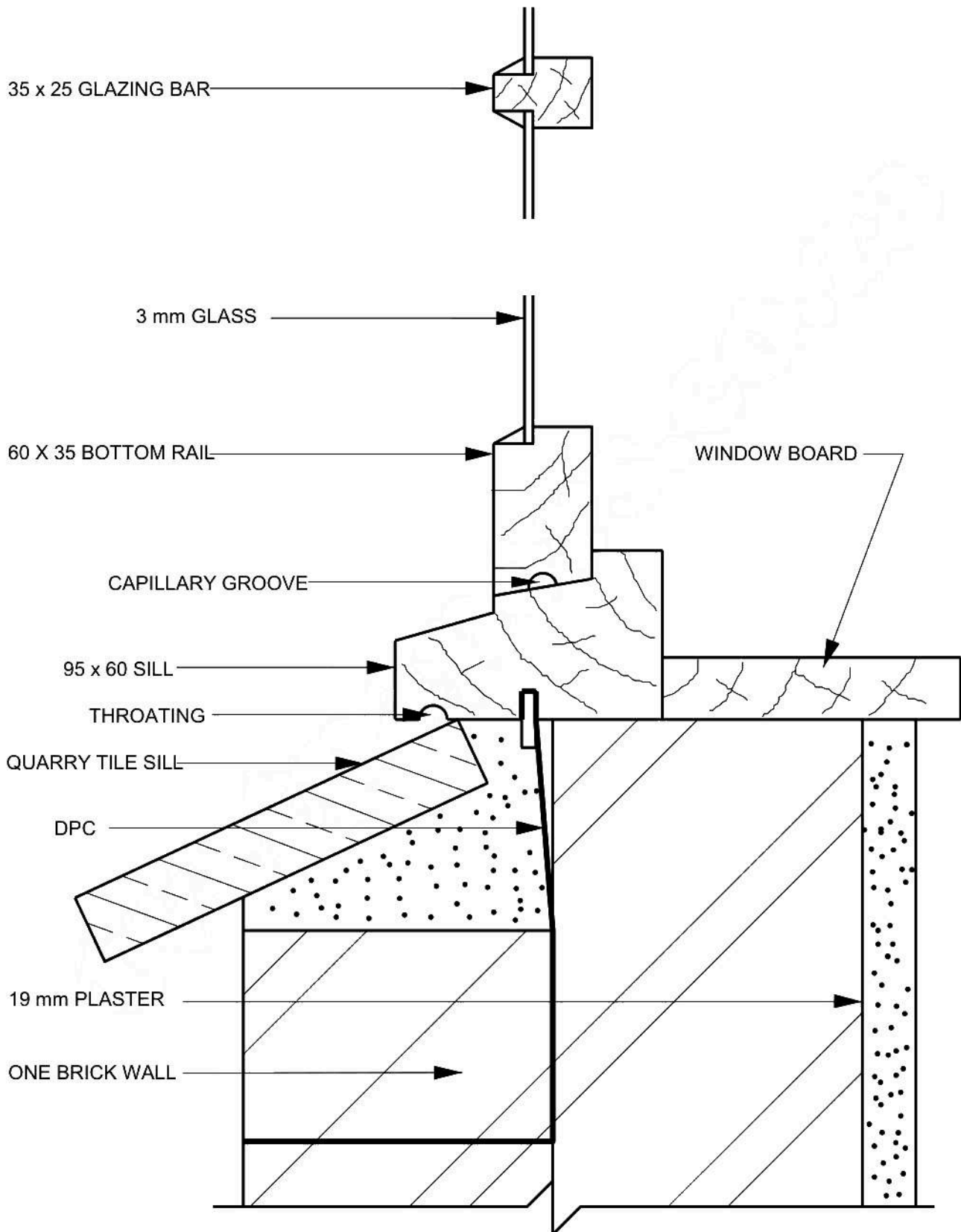
### QUESTION 3

SEE DRAWINGS FOR MODEL ANSWER.

| PART OF THE DRAWING             | MARKING CRITERIA | POSSIBLE MARK | MARKER | INTERNAL MODERATOR | EXTERNAL MODERATOR |
|---------------------------------|------------------|---------------|--------|--------------------|--------------------|
| Rebate joint with joggle        | Correct joint    | 2             |        |                    |                    |
|                                 | Isometric view   | 2             |        |                    |                    |
|                                 | Title            | 1             |        |                    |                    |
| V-joggle                        | Correct joint    | 2             |        |                    |                    |
|                                 | Isometric view   | 2             |        |                    |                    |
|                                 | Title            | 1             |        |                    |                    |
| Tabling joint with slate joggle | Correct joint    | 2             |        |                    |                    |
|                                 | Isometric view   | 2             |        |                    |                    |
|                                 | Title            | 1             |        |                    |                    |
|                                 | <b>TOTAL</b>     | <b>15</b>     |        |                    |                    |

NOTE: No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

#### QUESTION 4: DOORS AND WINDOWS



VERTICAL SECTION THROUGH GLAZING BAR AND WINDOW SILL

SCALE 1:2

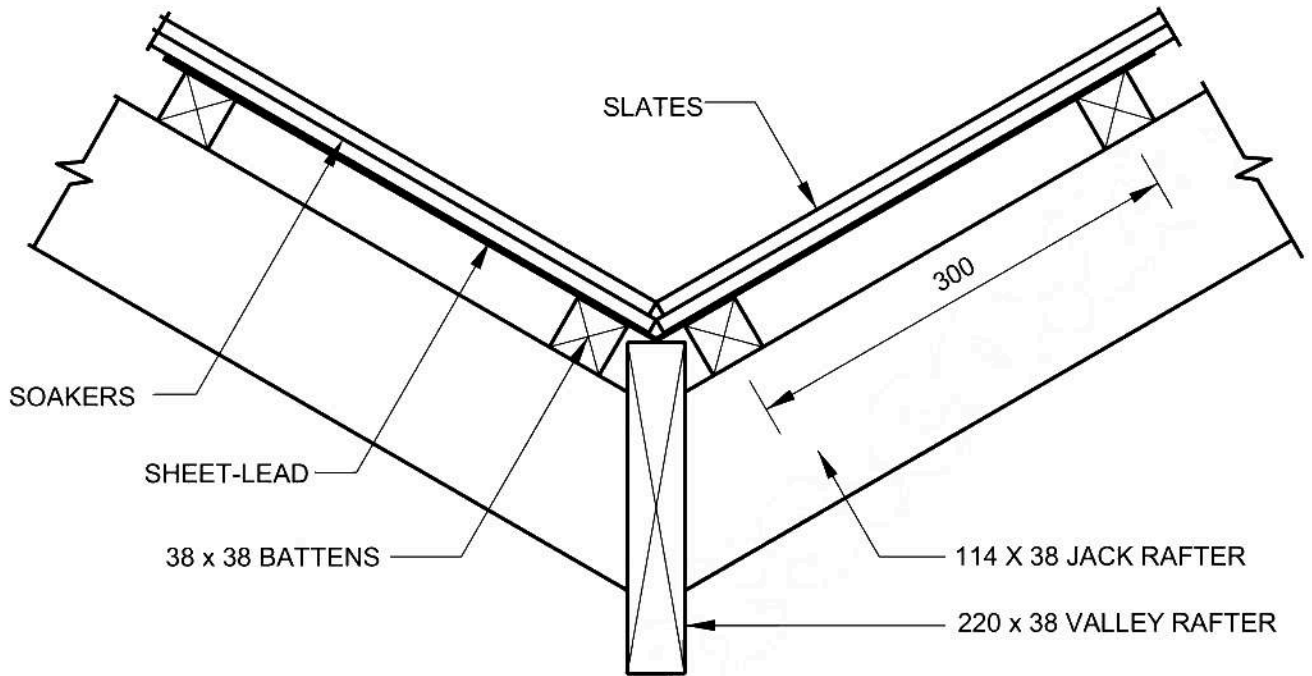
#### QUESTION 4

SEE DRAWINGS FOR MODEL ANSWER.

| PART OF THE DRAWING                         | MARKING CRITERIA | POSSIBLE MARK | MARKER | INTERNAL MODERATOR | EXTERNAL MODERATOR |
|---------------------------------------------|------------------|---------------|--------|--------------------|--------------------|
| Wall, plaster, quarry tile sill             | Correct position | 3             |        |                    |                    |
|                                             | Hatching         | 3             |        |                    |                    |
|                                             | Labels           | 3             |        |                    |                    |
| Frame sill, bottom rail, glazing bar, glass | Correct position | 4             |        |                    |                    |
|                                             | Hatching         | 3             |        |                    |                    |
|                                             | Labels           | 4             |        |                    |                    |
| DPC, capillary groove, throating            | Correct position | 3             |        |                    |                    |
|                                             | Labels           | 3             |        |                    |                    |
|                                             | <b>Subtotal</b>  | <b>26</b>     |        |                    |                    |
|                                             | <b>Divide by</b> | <b>3,25</b>   |        |                    |                    |
| <b>Overall correctness</b>                  |                  | <b>8</b>      |        |                    |                    |
|                                             | <b>Accuracy</b>  | <b>4</b>      |        |                    |                    |
|                                             | <b>Line work</b> | <b>2</b>      |        |                    |                    |
| <b>Balanced layout and neatness</b>         |                  | <b>1</b>      |        |                    |                    |
|                                             | <b>TOTAL</b>     | <b>15</b>     |        |                    |                    |

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### QUESTION 5: RAFTERS



SECTION THROUGH CLOSED VALLEY

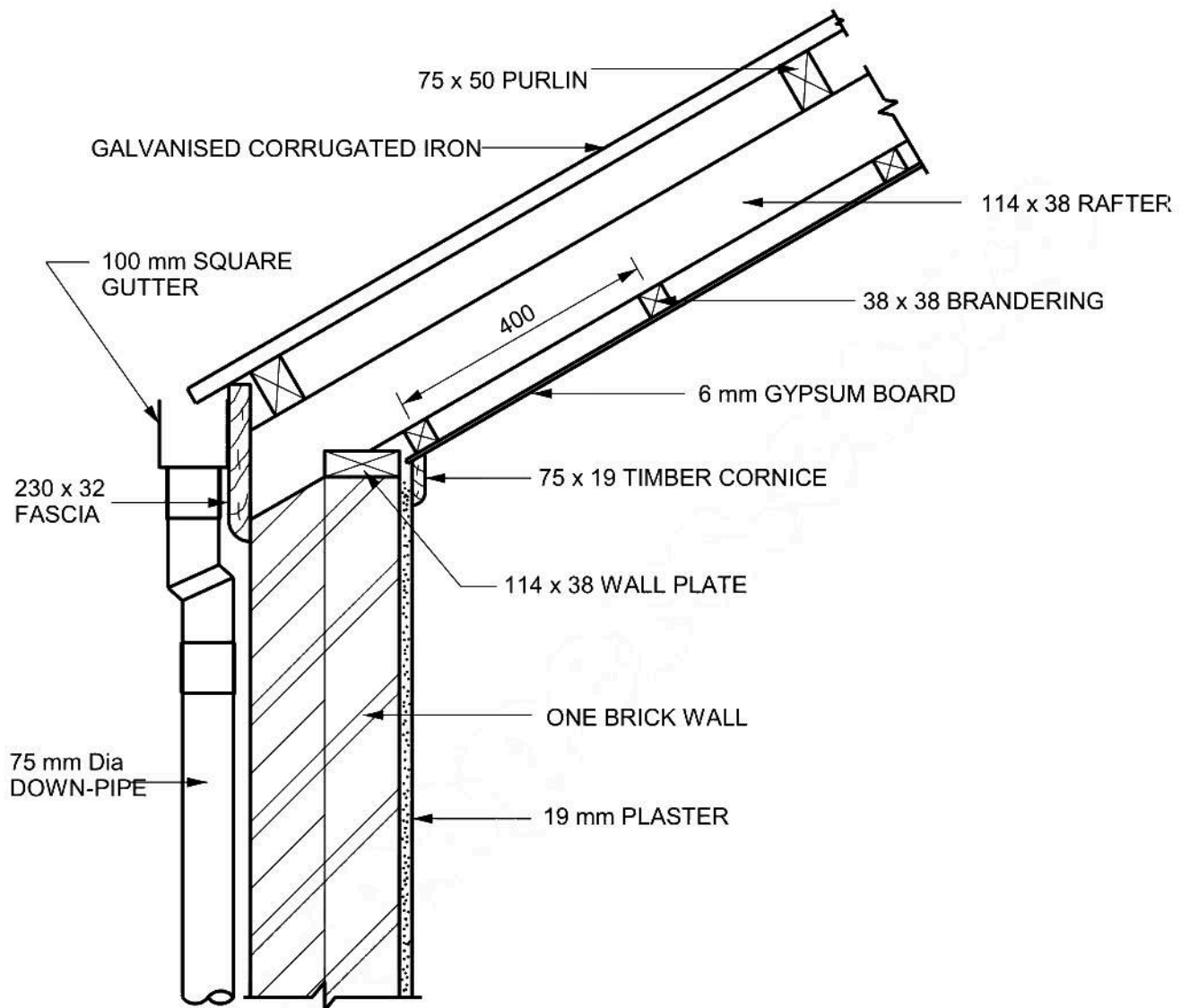
SCALE 1:5

### QUESTION 5

| PART OF THE DRAWING                 | MARKING CRITERIA           | POSSIBLE MARK | MARKER | INTERNAL MODERATOR | EXTERNAL MODERATOR |
|-------------------------------------|----------------------------|---------------|--------|--------------------|--------------------|
| Jack rafter                         | Correct position           | 2             |        |                    |                    |
|                                     | Labels                     | 1             |        |                    |                    |
| Valley rafter                       | Correct position           | 1             |        |                    |                    |
|                                     | Hatching                   | 1             |        |                    |                    |
|                                     | Labels                     | 1             |        |                    |                    |
| Battens                             | Correct position           | 4             |        |                    |                    |
|                                     | Hatching                   | 4             |        |                    |                    |
|                                     | Labels                     | 1             |        |                    |                    |
| Slates                              | Correct position           | 2             |        |                    |                    |
|                                     | Labels                     | 1             |        |                    |                    |
| Soakers                             | Correct position           | 2             |        |                    |                    |
|                                     | Labels                     | 1             |        |                    |                    |
| Sheet lead                          | Correct position           | 2             |        |                    |                    |
|                                     | Labels                     | 1             |        |                    |                    |
|                                     | Dimensions                 | 1             |        |                    |                    |
|                                     | <b>Subtotal</b>            | <b>25</b>     |        |                    |                    |
|                                     | <b>Divide by</b>           | <b>4,166</b>  |        |                    |                    |
|                                     | <b>Overall correctness</b> | <b>6</b>      |        |                    |                    |
|                                     | <b>Accuracy</b>            | <b>3</b>      |        |                    |                    |
|                                     | <b>Line work</b>           | <b>2</b>      |        |                    |                    |
| <b>Balanced layout and neatness</b> |                            | <b>1</b>      |        |                    |                    |
|                                     | <b>TOTAL</b>               | <b>12</b>     |        |                    |                    |

NOTE: No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

## QUESTION 6: ROOFS AND ROOF COVERING



VERTICAL SECTION THROUGH FLUSH EAVES

SCALE 1:10

## QUESTION 6

| PART OF THE DRAWING                       | MARKING CRITERIA           | POSSIBLE MARK | MARKER | INTERNAL MODERATOR | EXTERNAL MODERATOR |
|-------------------------------------------|----------------------------|---------------|--------|--------------------|--------------------|
| Wall x 2, plaster                         | Correct position           | 2             |        |                    |                    |
|                                           | Hatching                   | 3             |        |                    |                    |
|                                           | Labels                     | 2             |        |                    |                    |
| Wall plate, rafter, purlin, roof covering | Correct position           | 4             |        |                    |                    |
|                                           | Hatching                   | 2             |        |                    |                    |
|                                           | Labels                     | 4             |        |                    |                    |
| Branding, ceiling board, cornice          | Correct position           | 3             |        |                    |                    |
|                                           | Hatching                   | 2             |        |                    |                    |
|                                           | Labels                     | 3             |        |                    |                    |
| Gutter, downpipe                          | Correct position           | 2             |        |                    |                    |
|                                           | Labels                     | 2             |        |                    |                    |
|                                           | Dimension                  | 1             |        |                    |                    |
|                                           | <b>Subtotal</b>            | <b>30</b>     |        |                    |                    |
|                                           | <b>Divide by</b>           | <b>3</b>      |        |                    |                    |
|                                           | <b>Overall correctness</b> | <b>10</b>     |        |                    |                    |
|                                           | <b>Accuracy</b>            | <b>4</b>      |        |                    |                    |
|                                           | <b>Line work</b>           | <b>2</b>      |        |                    |                    |
| <b>Balanced layout and neatness</b>       |                            | <b>2</b>      |        |                    |                    |
|                                           | <b>TOTAL</b>               | <b>18</b>     |        |                    |                    |

NOTE: No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

**TOTAL: 100**