



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

BUILDING DRAWING N3

2 August 2021

This marking guideline consists of 19 pages.

**THE ACCURACY OF THESE DRAWINGS CAN NOT BE GUARANTEED. MARKERS
ARE REQUESTED TO PROVIDE ACCURATE DRAWINGS AMONG THEMSELVES
BEFORE MARKING STARTS.**

**MARKERS MUST UTILISE TRANSPARENCIES TO ENSURE ACCURACY AND
CONSISTENCY WHEN MARKING.**



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COVER PAGE SCRIPTS

Building Drawing N3

Centre Number:

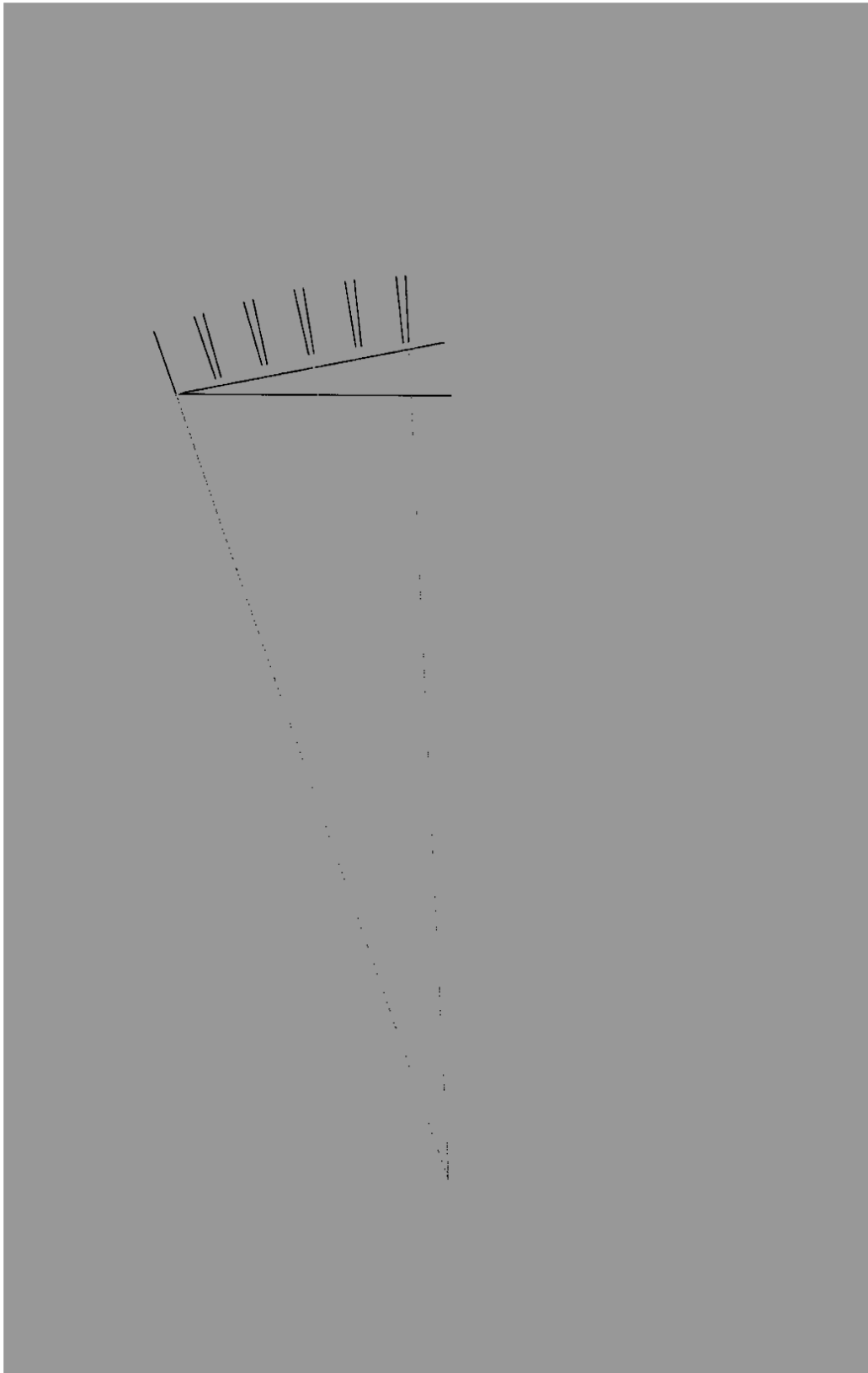
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Examination
Number:

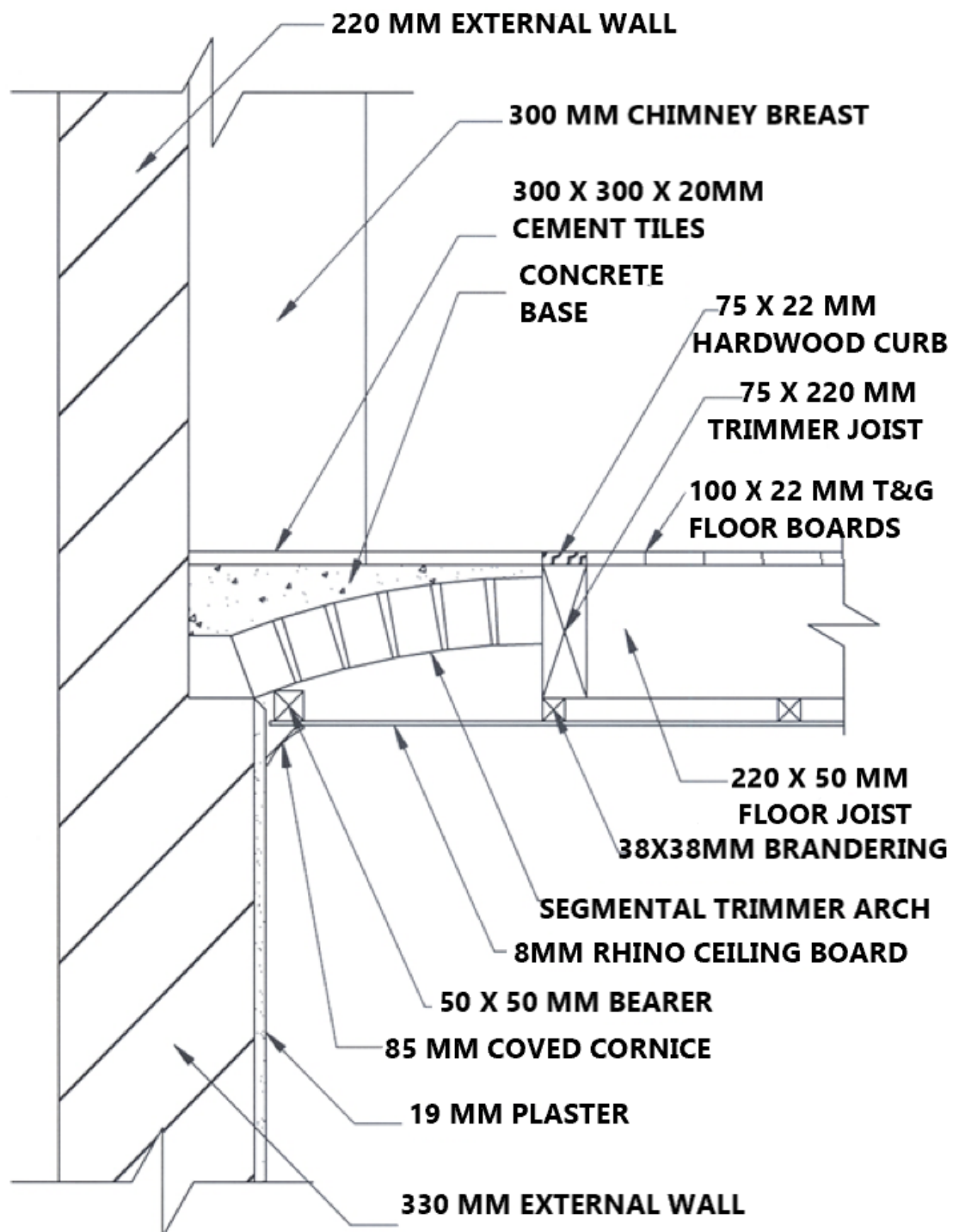
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Question	H	T	U
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Total:			

QUESTION 1



NOTE: Arch construction may be shown separately



**VERTICAL SECTION THROUGH HEARTH OF THE FIRE PLACE
SCALE 1:10**

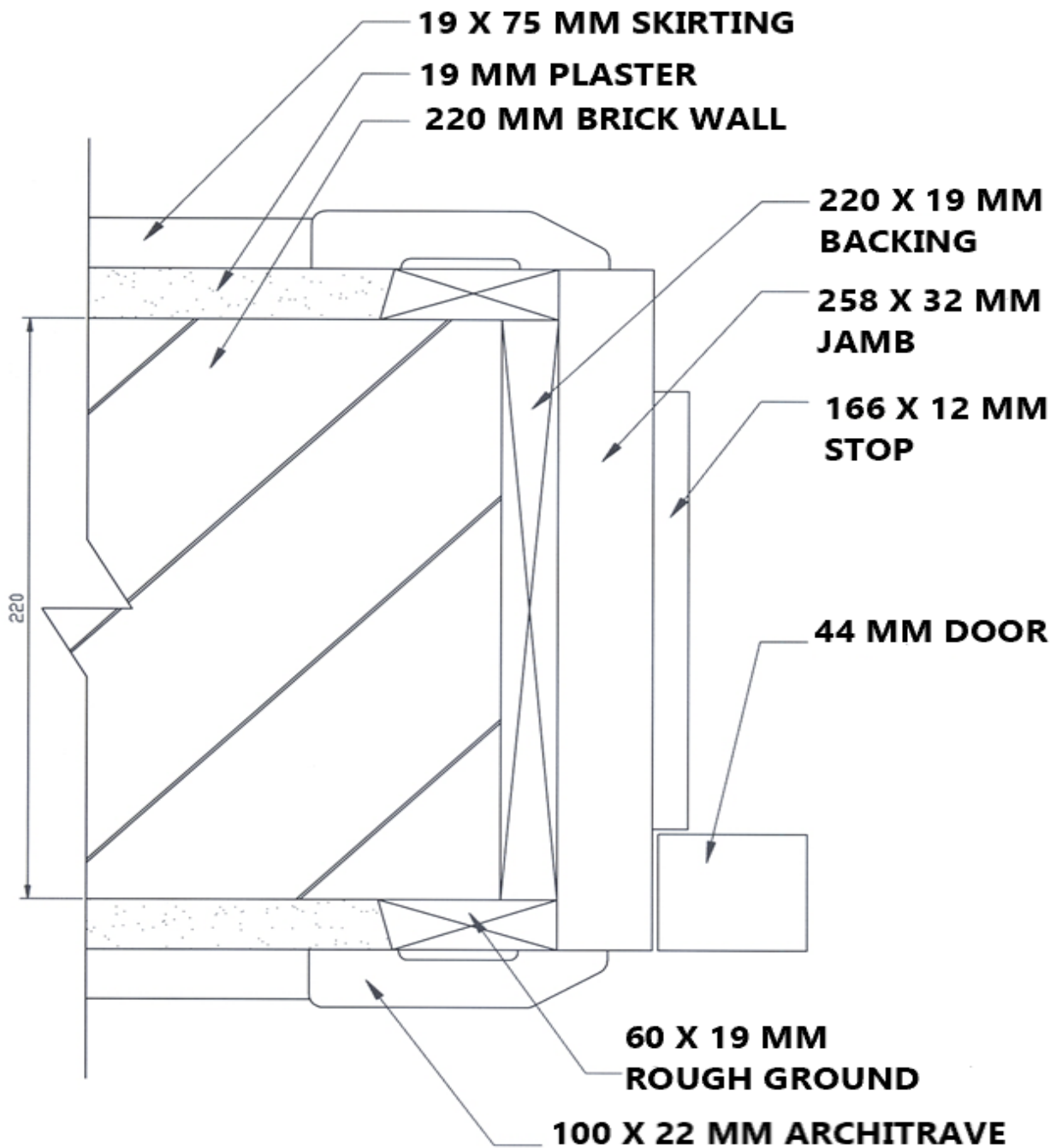
RUBRICS FOR QUESTION 1: FIREPLACE AND HEARTH CONSTRUCTION			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Wall and plaster	Correct position	2	
	Correct shape	2	
	Hatching	2	
	Neatness/Line work	1	
	Labelling	2	
Arch with construction lines.	Correct position	1	
	Correct shape	1	Arch
	Labelling	1	
	Neatness/Line work	1	
	Construction (Arch)	7	See construction drawing
Concrete base, Tiles and Chimney breast	Correct position	3	
	Correct shape	3	
	Hatching	1	
	Neatness/Line work	1	
	Labelling	3	
Hardwood curb; Trimmer joist; Floor boards and Floor joist	Correct position	4	
	Correct shape	4	
	Hatching	2	
	Neatness/Line work	1	
	Labelling	4	
Branding, Ceiling and Cornice	Correct position	3	
	Correct shape	3	Cornice
	Hatching	1	
	Labelling	3	
	Total	56	
	Overall impression	2	
	Title	1	
	Scale	1	
	Subtotal	60	
	Divided by	3	
	GRAND TOTAL	20	

NOTE: NO further marks should be allocated to any part of the drawing that is not drawn in the correct position.

No marks should be allocated if the drawing is completely incorrect or not attempted.

[20]

QUESTION 2



**HORIZONTAL SECTION THROUGH WOODEN DOOR FRAME
SCALE 1:2**

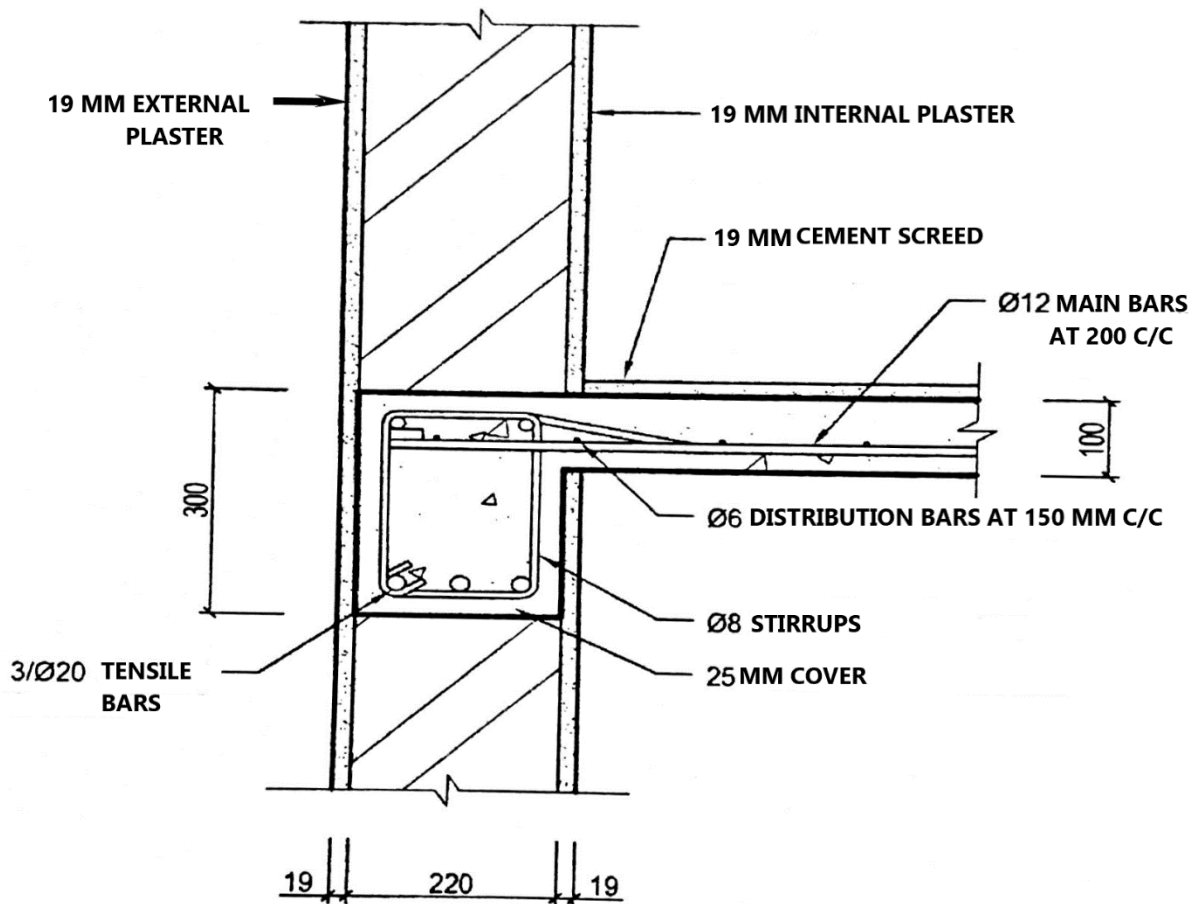
RUBRICS FOR QUESTION 2: HORIZONTAL SECTION WOODEN DOOR			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Brick wall and plaster	Correct position	2	
	Correct shape	2	
	Hatching	1	
	Neatness/Line work	1	
	Labelling	2	
Rough ground; Architrave and skirting	Correct position	3	
	Correct shape	3	
	Neatness/Line work	1	
	Labelling	3	
Backing; Jamb; Stop and door	Correct position	4	
	Correct shape	4	
	Hatching	1	
	Neatness/Line work	1	
	Labelling	4	
	Total	32	
	Overall impression	1	
	Title	1	
	Scale	1	
	Subtotal	35	
	Divide total by	2.3	
	GRAND TOTAL	15	

NOTE: NO further marks should be allocated to any part of the drawing that is not drawn in the correct position.

No marks should be allocated if the drawing is completely incorrect or not Attempted.

[15]

QUESTION 3



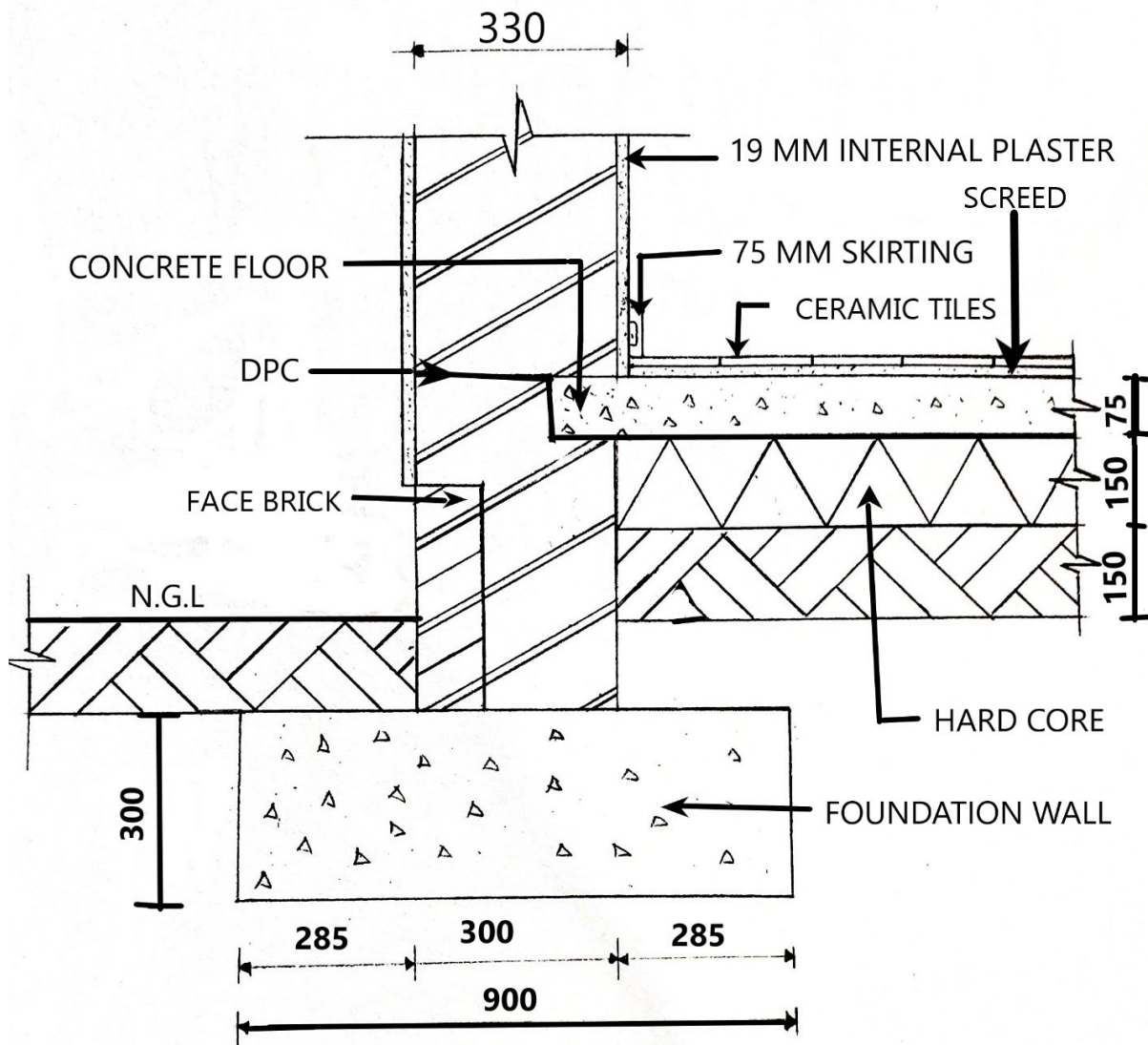
VERTICAL SECTION THROUGH THE END BEAM
SCALE 1:10

RUBRICS FOR QUESTION 3: REINFORCED CONCRETE SLAB AND BEAM			
Part of drawing	Marking criteria	Possible Mark	Remarks
Wall and plaster	Correct position	2	
	Correct shape	2	
	Hatching	2	
	Neatness/Line work	1	
	Label	2	
Concrete slab Concrete beam Screed	Correct position	3	
	Correct shape	3	
	Hatching	3	
	Neatness/Line work	1	
	Label	3	
Tensile bars Compressive bars Distribution Stirrups	Correct position	4	
	Correct shape	4	
	Hatching	3	
	Neatness/Line work	1	
	Label	4	
Concrete cover	Correct shape	1	
	Label	1	
	Total	40	
	Overall impression	2	
	Title	1	
	Scale	1	
	Subtotal	44	
	Divided by	2.2	
	Grand total	20	

NOTE: NO further marks should be allocated to any part of the drawing that is not drawn in the correct position.

No marks should be allocated if the drawing is completely incorrect or not attempted.

[20]

QUESTION 4**4.1**

**VERTICAL SECTION THROUGH A 330 mm EXTERNAL SOLID WALL AND
FOUNDATION
SCALE 1:10**

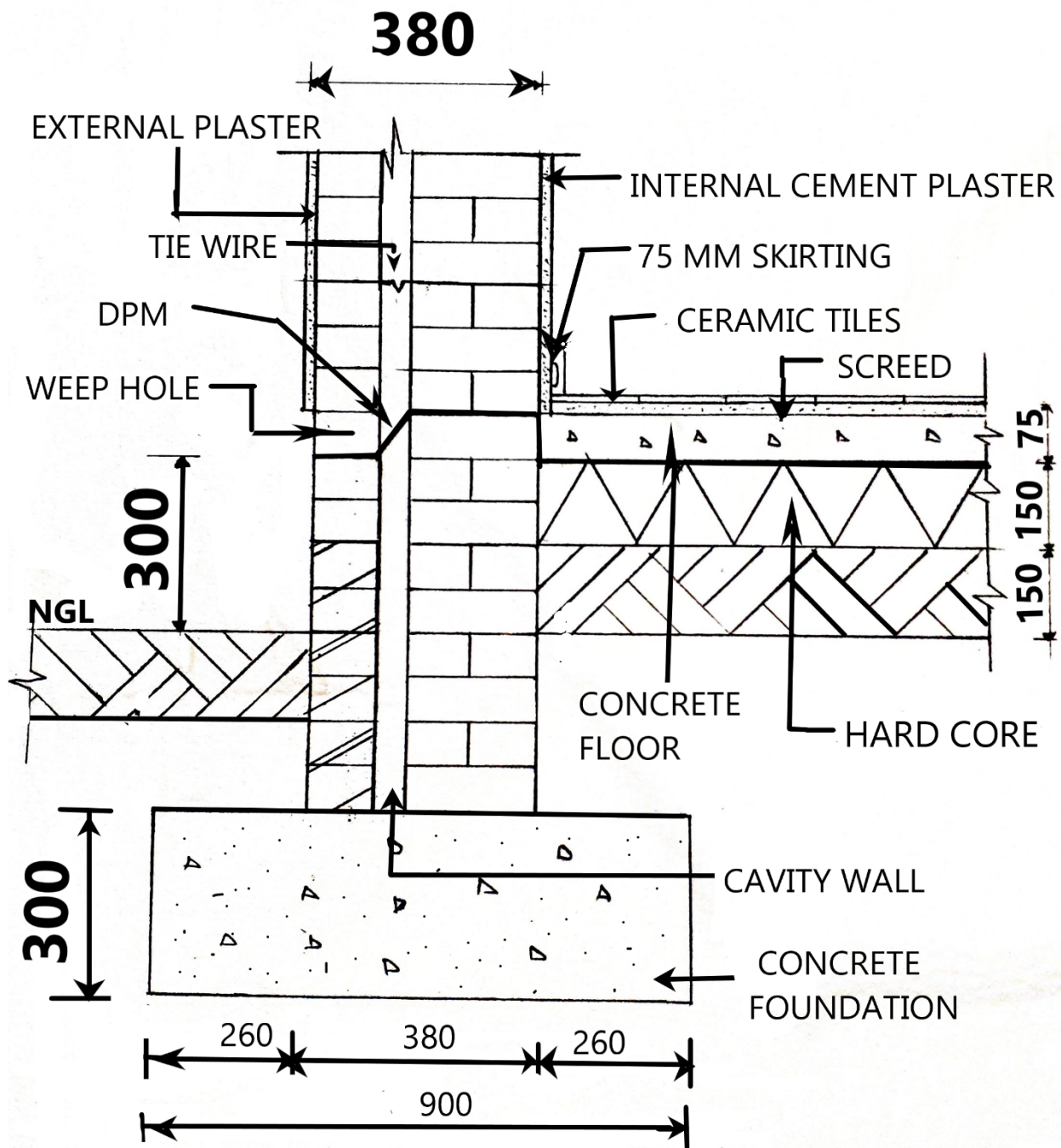
RUBRIC FOR QUESTION 4.1 SOLID WALL			
Part of drawing	Marking criteria	Possible Mark	Remarks
Foundation Brick wall Plaster	Correct position	3	
	Correct shape	3	
	Hatching	3	
	Neatness/Line work	1	
	Label	3	
Ground level	Correct position	1	
	Correct shape	1	
	Hatching	1	
	Neatness/Line work	1	
	Label	1	
Floor DPC Hard core	Correct position	3	
	Correct shape	3	
	Hatching	3	
	Neatness/Line work	1	
	Label	3	
Screed Floor covering Skirting	Correct position	3	
	Correct shape	3	
	Hatching	3	
	Neatness/Line work	1	
	Label	3	
	Total	44	
	Overall impression	2	
	Title	1	
	Scale	1	
	Subtotal	48	
	Divided by	4.8	
	Grand total	10	

NOTE: NO further marks should be allocated to any part of the drawing that is not drawn in the correct position.

No marks should be allocated if the drawing is completely incorrect or not attempted.

(10)

4.2



**VERTICAL SECTION THROUGH A 380 mm CAVITY WALL AND
FOUNDATION
SCALE 1:10**

RUBRICS FOR QUESTION 4.2: CAVITY WALL			
Part of drawing	Marking criteria	Possible Mark	Remarks
Foundation Brick wall Plaster	Correct position	3	
	Correct shape	3	
	Hatching	3	
	Neatness/Line work	1	
	Label	6	Cavity, weep hole, tie wire (main emphasis)
Ground level	Correct position	1	
	Correct shape	1	
	Hatching	1	
	Neatness/Line work	1	
	Label	1	
Floor DPC Hard core	Correct position	3	
	Correct shape	3	
	Hatching	3	
	Neatness/Line work	1	
	Label	2	
Screed Floor covering Skirting	Correct position	3	
	Correct shape	3	
	Hatching	3	
	Neatness/Line work	1	
	Label	1	
	Total	44	
	Overall impression	2	
	Title	1	
	Scale	1	
	Subtotal	48	
	Divided by	4.8	
	Grand total	10	

NOTE: The main feature in this drawing is the detail showing the cavity and related parts.

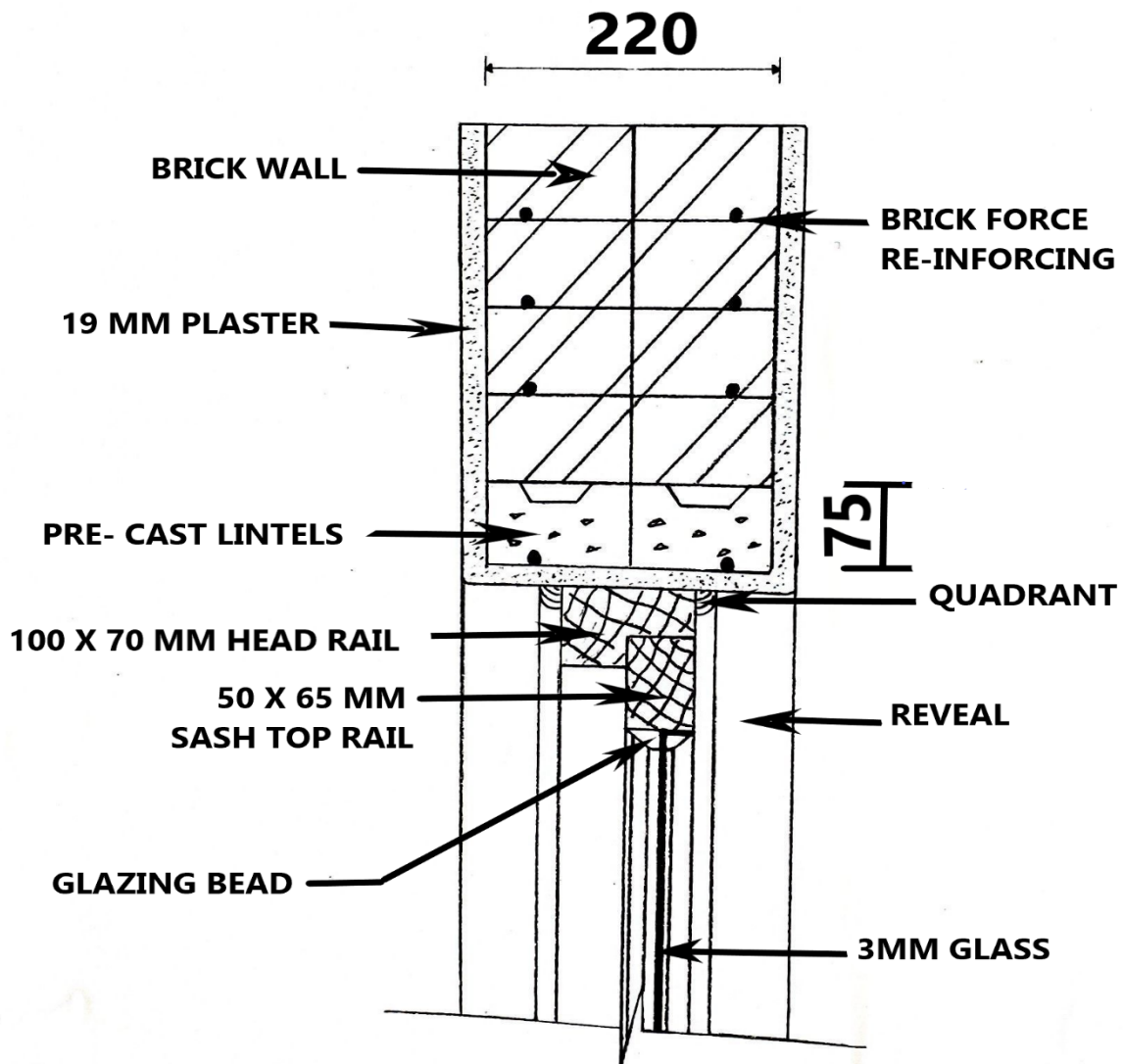
NO further marks should be allocated to any part of the drawing that is not drawn in the correct position.

(10)

No marks should be allocated if the drawing is completely incorrect or not attempted.

[20]

QUESTION 5



VERTICAL SECTION THROUGH LINTEL AND TIMBER RAIL
SCALE 1:10

RUBRICS FOR QUESTION 5: CONCRETE LINTEL			
Part of drawing	Marking criteria	Possible Mark	Remarks
Wall and Lintels, Plaster and Brick force	Correct position	4	
	Correct shape	4	Lintels
	Hatching	3	
	Neatness/Line work	1	
	Labelling	4	
Head rail, Top rail, Glass, Beading and Reveals	Correct position	5	
	Correct shape	4	
	Hatching	3	
	Neatness/Line work	1	
	Labelling	5	
	Total	34	
	Overall impression	2	
	Title	1	
	Scale	1	
	Subtotal	38	
	Divided by	2.5	
	Grand total	15	

NOTE: NO further marks should be allocated to any part of the drawing that is not drawn in the correct position.

No marks should be allocated if the drawing is completely incorrect or not attempted.

[15]

QUESTION 6

- 6.1 C
- 6.2 E
- 6.3 F
- 6.4 G
- 6.5 A
- 6.6 H
- 6.7 L
- 6.8 B
- 6.9 D
- 6.10 J

(10 × 1) **[10]**

TOTAL: 100