



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

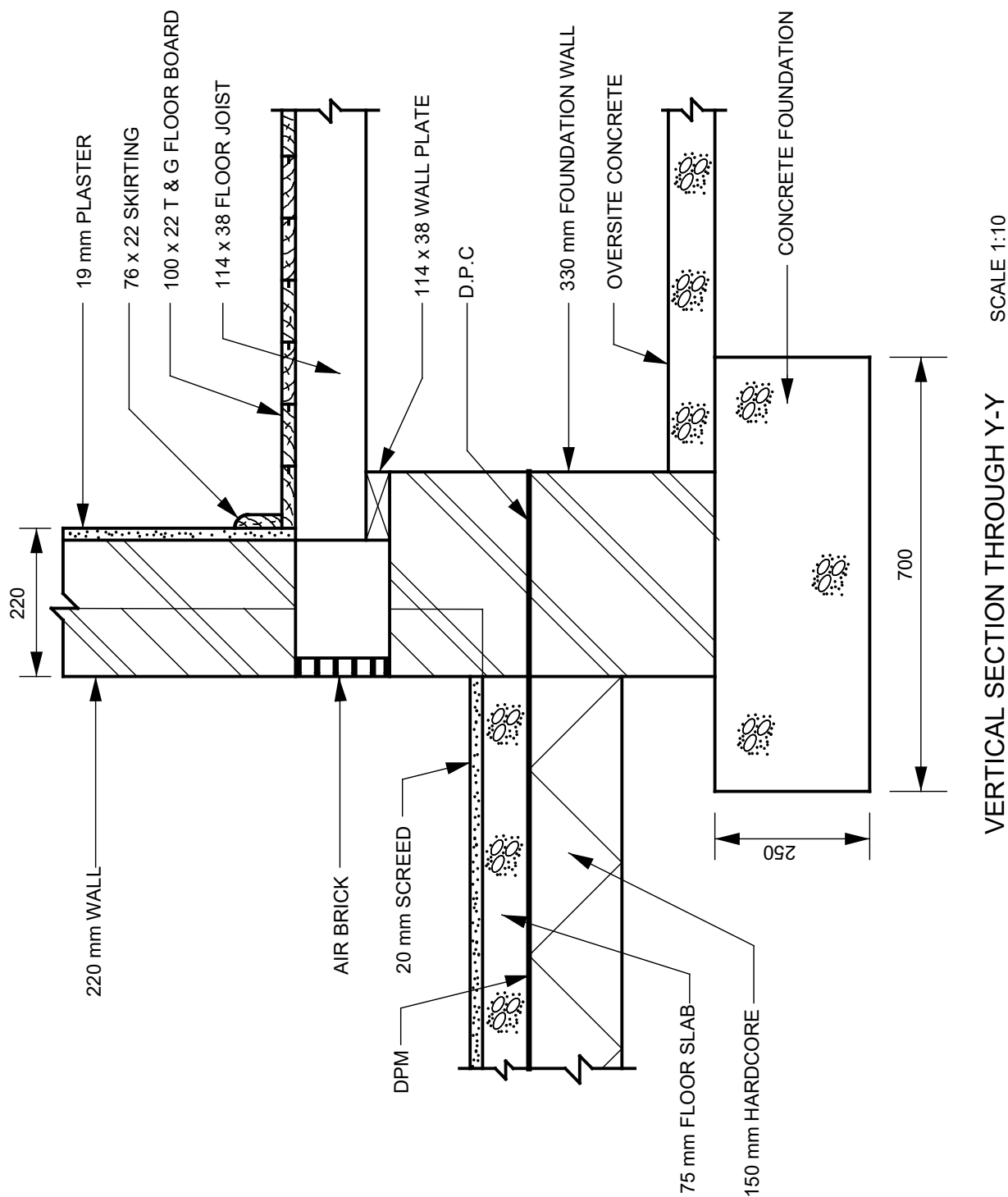
NATIONAL CERTIFICATE

BUILDING DRAWING N2

6 April 2021

This marking guideline consists of 19 pages.

QUESTION 1



SEE DRAWING FOR MODEL ANSWER

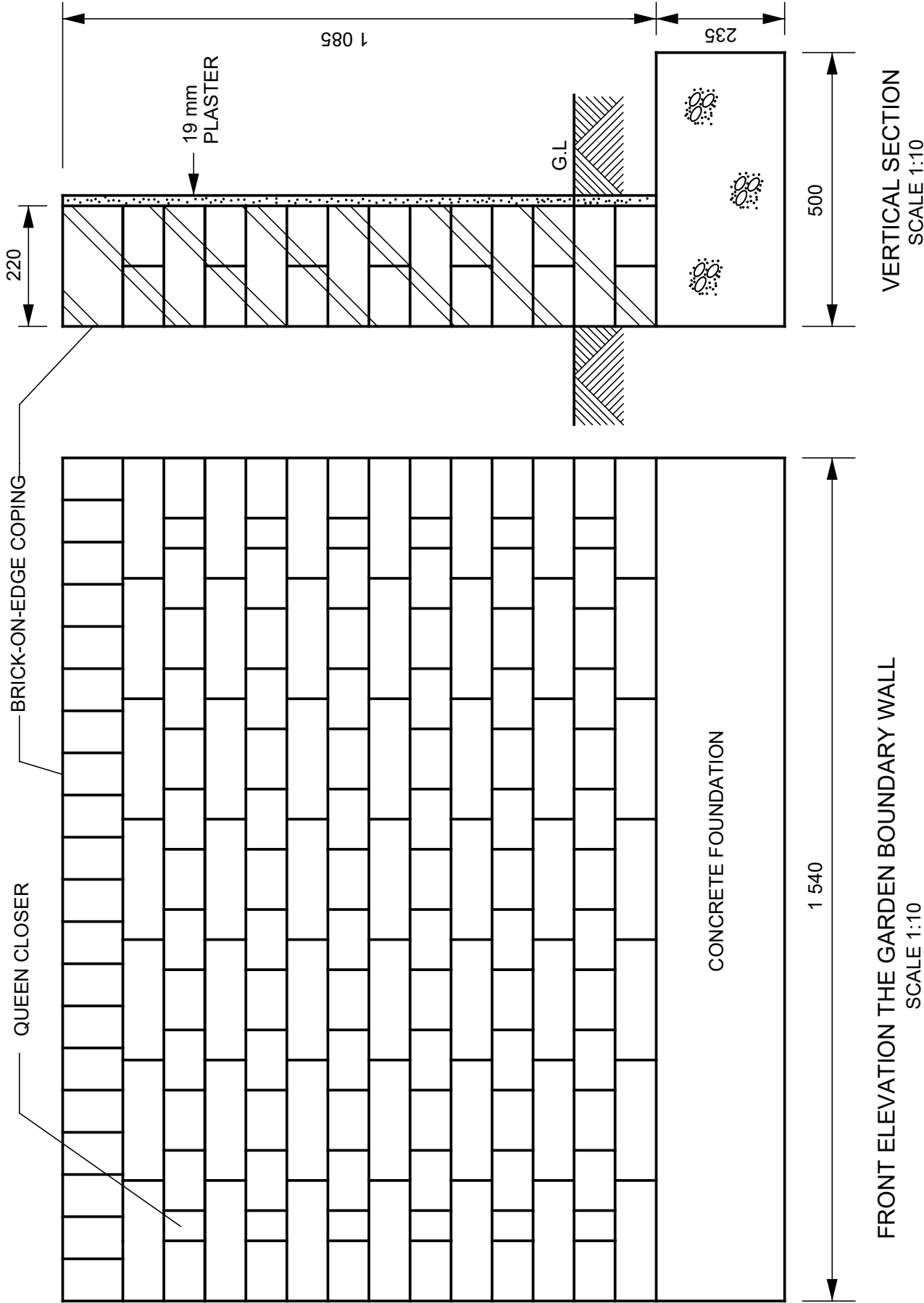
RUBRIC FOR QUESTION 1			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Concrete foundation, 330 wall, oversite concrete, hardcore, concrete floor, DPC,	Correctness	7	
	Hatching	5	
	Labelling	7	
Concrete floor 220 wall, plaster, screed, airbrick. DPM	Correctness Position	4	
	Hatching	3	
	Labelling	4	
Suspended Floor Wall plate, floor joist, floor boards, skirting	Correctness Position	4	
	Hatching	3	
	Labelling	4	
	Dimensions	3	
	Subtotal	44	
	Divide by	4	
	Overall correctness	11	
	Accuracy	5	
	Line work	4	
Balanced layout and neatness		2	
	TOTAL	22	

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

SUMMARY QUESTION 1			
MARKING CRITERIA	POSSIBLE MARK	ACTUAL MARK	REMARKS
Correctness	15		
Hatching	11		
Labelling	15		
Dimensions	3		
Subtotal	44		
Divide by	4		
Overall correctness	11		
Accuracy	5		
Line work	4		
Balanced layout and neatness	2		
TOTAL	22		

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QUESTION 2



SEE DRAWING FOR MODEL ANSWER

RUBRIC FOR QUESTION 2			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Front elevation	Correctness	3	Foundation, wall and brick-on-edge coping
	Brick bond	2	1 for stretcher and 1 for header course
	Stopped ends	2	
	Labelling	3	Queen closer, coping and foundation
Section	Correctness	5	
	Brick bond	2	1 for stretcher and 1 for header course
	Hatching	4	
	Labelling	1	Plaster
	Dimensions	5	
	Subtotal	27	
	Divide by	3	
Overall correctness		9	
Accuracy		4	
Line work		3	
Balanced layout and neatness		2	
TOTAL		18	

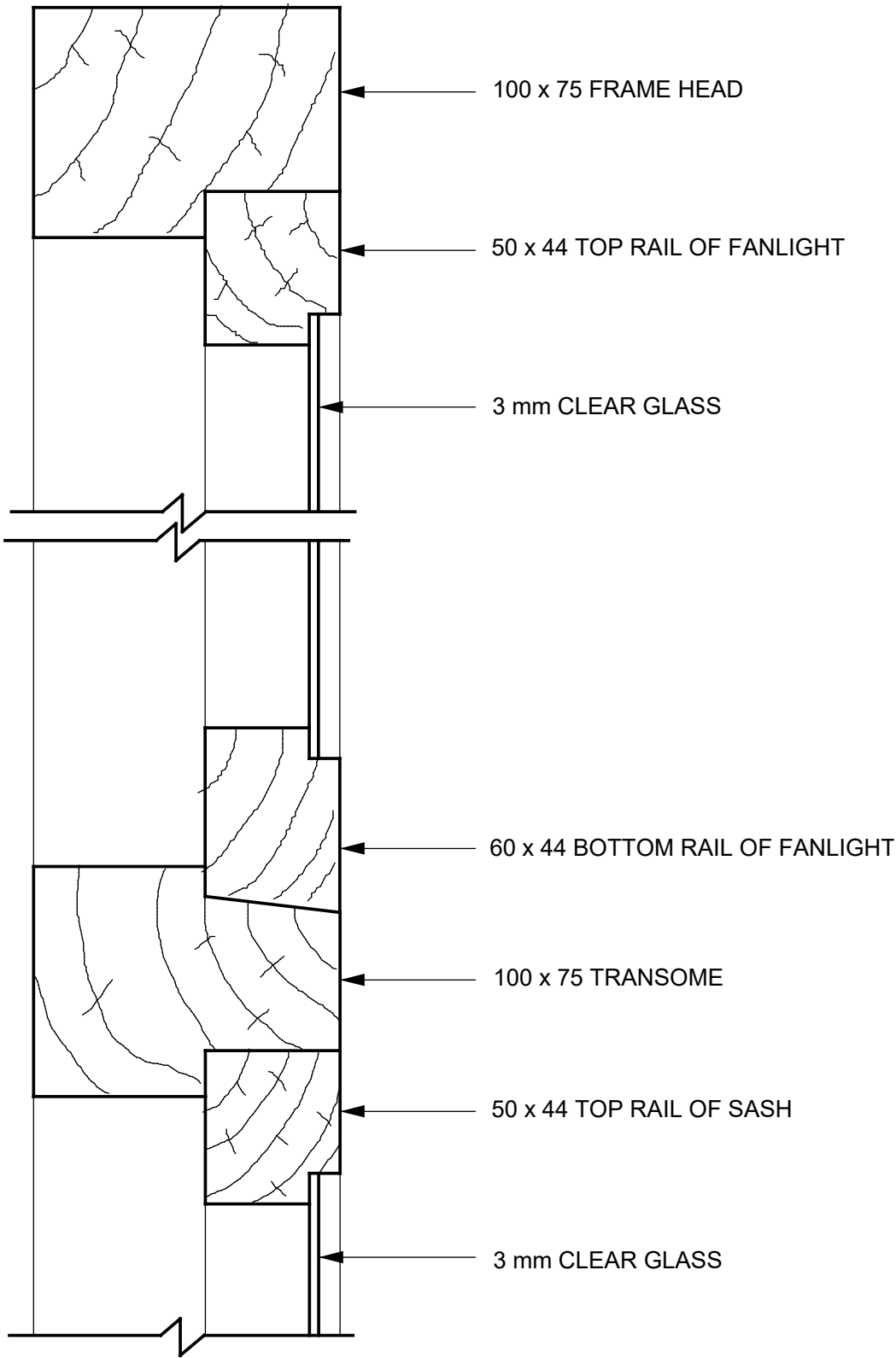
NOTE: Overall correctness. No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

Marks should be allocated for neatness and correct scale if the drawing is completely incorrect.

SUMMARY QUESTION 2			
MARKING CRITERIA	POSSIBLE MARK	ACTUAL MARK	REMARKS
Correctness	8		
Brick bond	4		
Stopped ends	2		
Hatching	4		
Labelling	4		
Dimensions	5		
Subtotal	27		
Divide by	3		
Overall correctness	9		
Accuracy	4		
Line work	3		
Balanced layout and neatness	2		
TOTAL	18		

[18]

QUESTION 3



VERTICAL SECTION THROUGH N-N

SCALE 1:2

SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR QUESTION 3			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Frame head, top rail of fanlight, glass	Correctness	3	
	Hatching	2	
	Labelling	3	
Bottom rail of fanlight, transome, top rail of sash, glass	Correctness	4	
	Hatching	3	
	Labelling	4	
	Subtotal	19	
	Divide by	3,8	
Overall correctness		5	
Accuracy		2	
Line work		2	
Balanced layout and neatness		1	
TOTAL		10	

NOTE: Overall correctness. 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.

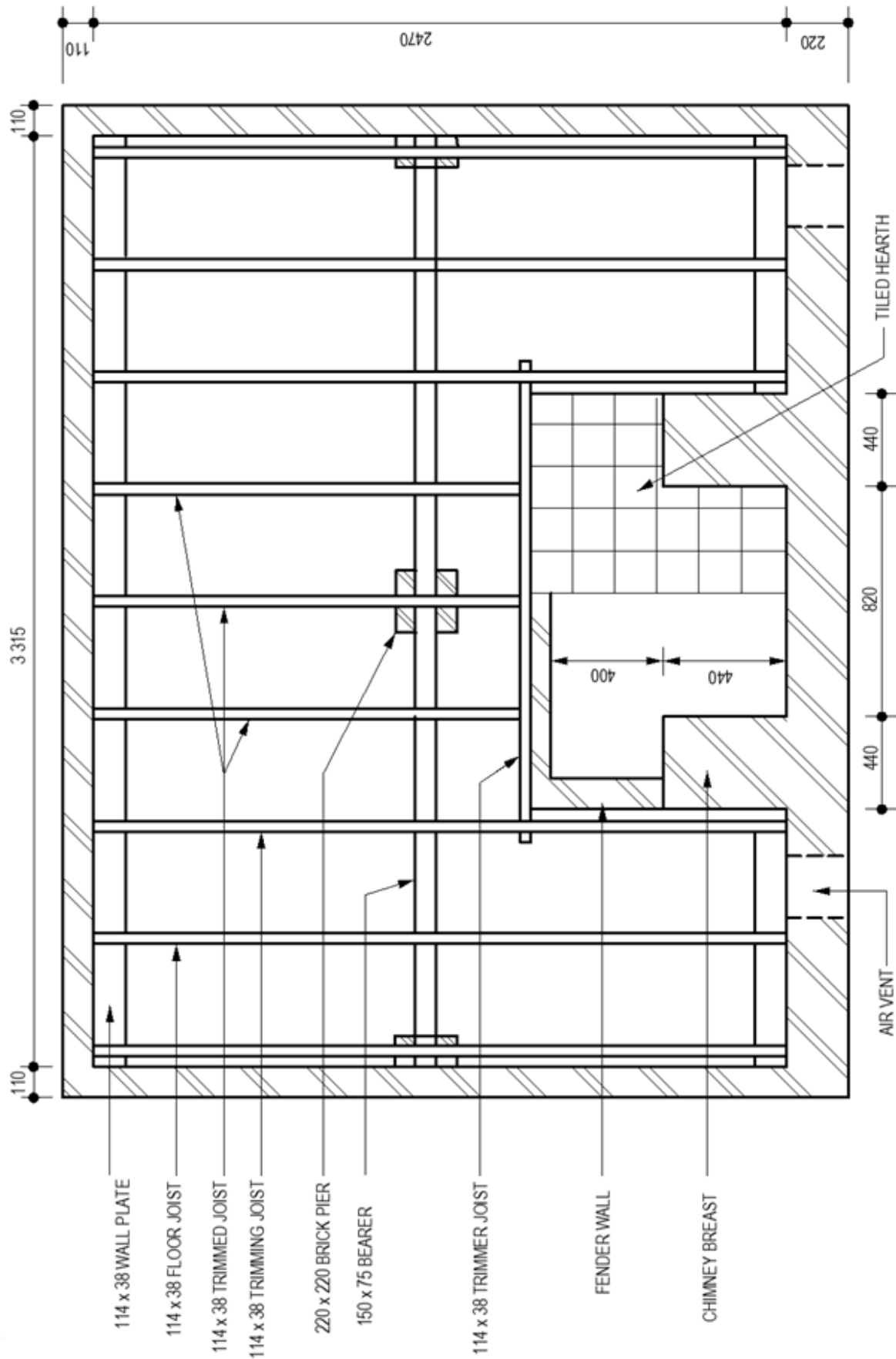
Marks should be allocated for neatness and correct scale if the drawing is completely incorrect.

QUESTION 3

SUMMARY QUESTION 3			
MARKING CRITERIA	POSSIBLE MARK	ACTUAL MARK	REMARKS
Correctness	7		
Hatching	5		
Labelling	7		
Subtotal	19		
Divide by	3,8		
Overall correctness	5		
Accuracy	2		
Line work	2		
Balanced layout and neatness	1		
TOTAL	10		

[10]

QUESTION 4



PLAN VIEW OF A SUSPENDED TIMBER FLOOR WITH FIRE PLACE IN LONG WALL

SCALE 1:20

SEE DRAWING FOR MODEL ANSWER OR QUESTION 4			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
External wall, internal wall, brick pier, fender wall	Correctness	4	
	Labelling	4	
Floor joist, trimmer, trimming, trimmed, wall plate, bearer	Correctness	6	Floor joists must run perpendicular to the hearth
	Labelling	6	
Chimney breasts, tiled hearth, air vent.	Correctness	3	
	Labelling	3	
	Dimensions	9	
	Subtotal	35	
	Divide by	3,5	
Overall correctness		10	
Accuracy		4	
Line work		4	
Balanced layout and neatness		2	
	TOTAL	20	

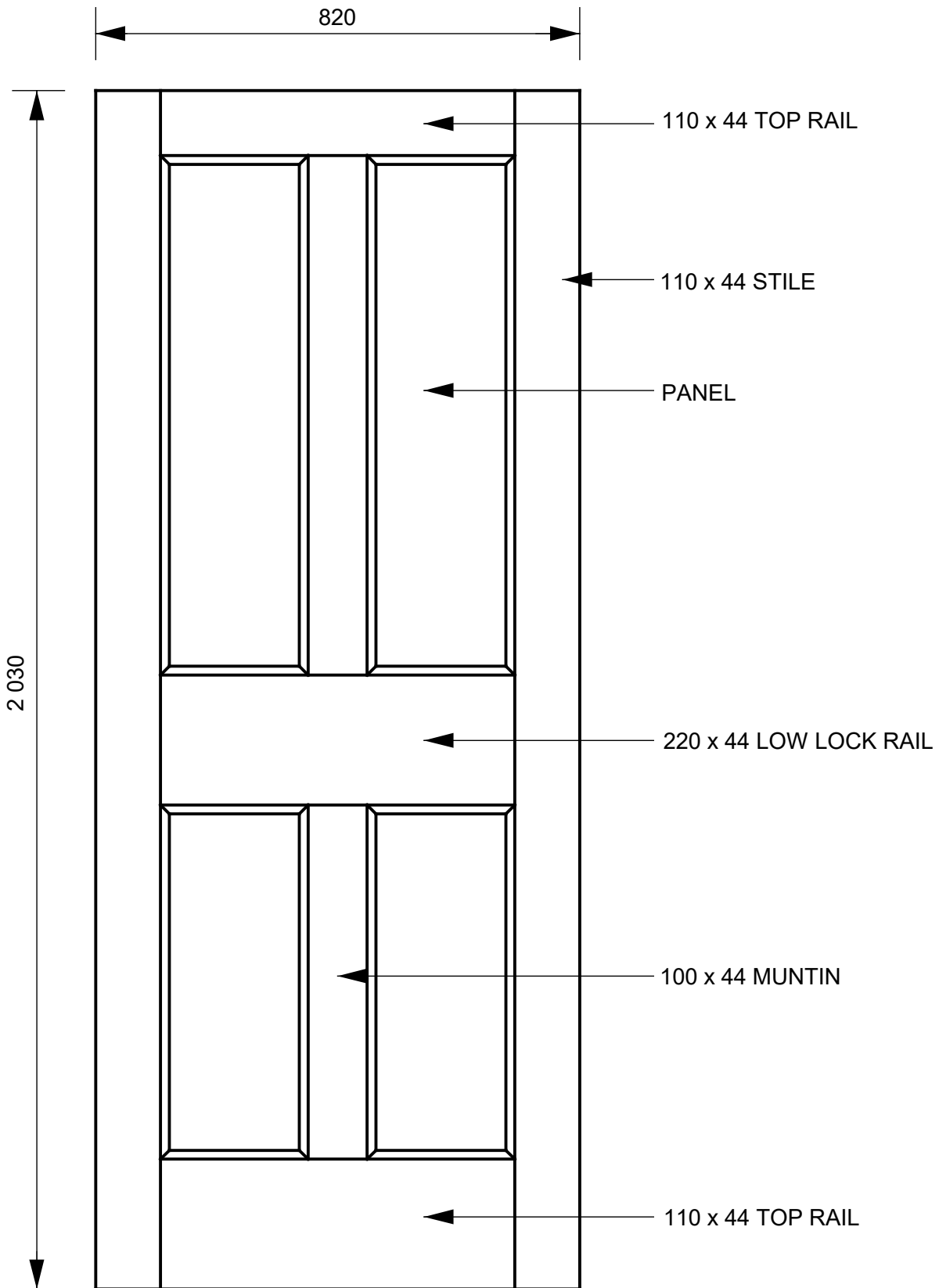
NOTE: Overall correctness. No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

Marks should be allocated for neatness and correct scale if the drawing is completely incorrect.

SUMMARY QUESTION 4			
MARKING CRITERIA	POSSIBLE MARK	ACTUAL MARK	REMARKS
Correctness	13		
Labelling	13		
Dimensions	9		
Subtotal	35		
Divide by	3,5		
Overall correctness	10		
Accuracy	4		
Line work	4		
Balanced layout and neatness	2		
TOTAL	20		

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QUESTION 5



FRONT VIEW OF A FOUR PANEL DOOR WITH A LOW LOCK RAIL
SCALE 1:10

SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR QUESTION 5			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Top rail	Correctness	1	
	Labelling	1	
Bottom rail	Correctness	1	
	Labelling	1	
Lock	Correctness	1	
	Labelling	1	
Stile	Correctness	2	
	Labelling	1	
Muntin	Correctness	2	
	Labelling	1	
Panels	Correctness	4	
	Labelling	1	
	Dimensions	2	
	Subtotal	19	
	Divide by	3,8	
	Overall correctness	5	
	Accuracy	2	
	Line work	2	
Balanced layout and neatness		1	
	TOTAL	10	

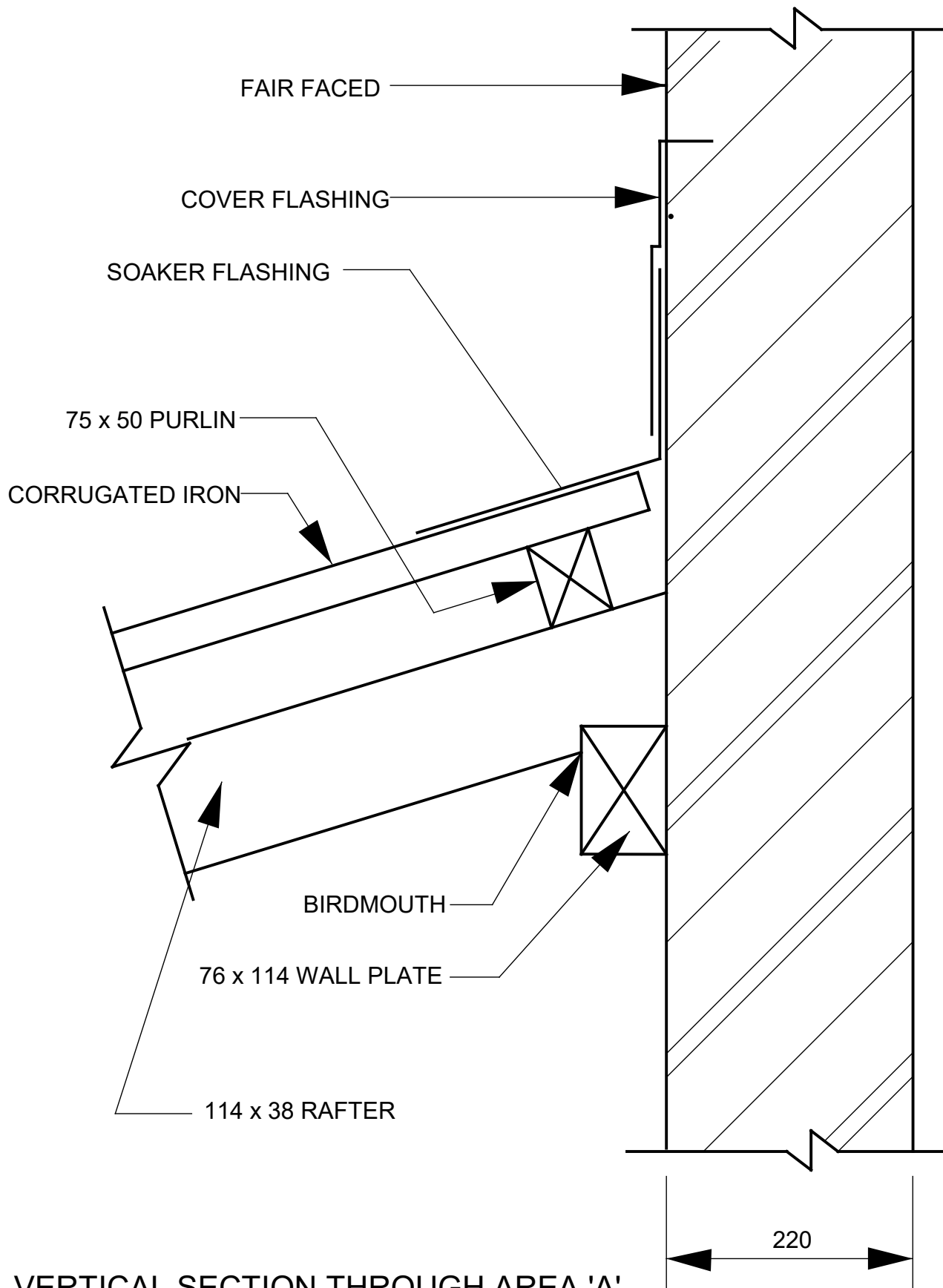
NOTE: Overall correctness. No marks should be allocated for any part of the drawing in the incorrect position, but marks should be allocated for hatching of that component.

Marks should be allocated for neatness and correct scale if the drawing is completely incorrect.

SUMMARY QUESTION 5			
MARKING CRITERIA	POSSIBLE MARK	ACTUAL MARK	REMARKS
Correctness	11		
Labelling	6		
Dimensions	2		
Subtotal	19		
Divide by	3,8		
Overall correctness	5		
Accuracy	2		
Line work	2		
Balanced layout and neatness	1		
TOTAL	10		

[10]

QUESTION 6



VERTICAL SECTION THROUGH AREA 'A'

SCALE 1:10

SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR QUESTION 6			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Wall, plaster	Correctness	2	
	Hatching	2	
	Labelling	2	
Rafter, purlin, wall plate, roof covering, D.P.C	Correctness	5	
	Hatching	2	
	Labelling	5	
Cover flashing, apron flashing	Correctness	2	
	Labelling	2	
	Dimensions	1	
	Subtotal	23	
	Divide by	4,6	
	Overall correctness	5	
	Accuracy	2	
	Line work	2	
Balanced layout and neatness		1	
	TOTAL	10	

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.

Marks should be allocated for neatness and correct scale if the drawing is completely incorrect.

SUMMARY QUESTION 6			
MARKING CRITERIA	POSSIBLE MARK	ACTUAL MARK	REMARKS
Correctness	9		
Hatching	4		
Labelling	9		
Dimensions	1		
Subtotal	23		
Divide by	4,6		
Overall correctness	5		
Accuracy	2		
Line work	2		
Balanced layout and neatness	1		
TOTAL	10		

Marks should be allocated for neatness and correct scale if the drawing is completely incorrect.

[10]

QUESTION 7

- 7.1 RIM LOCK
- 7.2 RHINO BOARD
- 7.3 MORTISE LOCK
- 7.4 BUTT HINGE
- 7.5 OBSCURE
- 7.6 PANIC BOLT
- 7.7 OVAL NAIL
- 7.8 T-HINGE
- 7.9 GYPSUM PLASTER
- 7.10 COPING SAW

(10 x 1) [10]

TOTAL: 100