



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

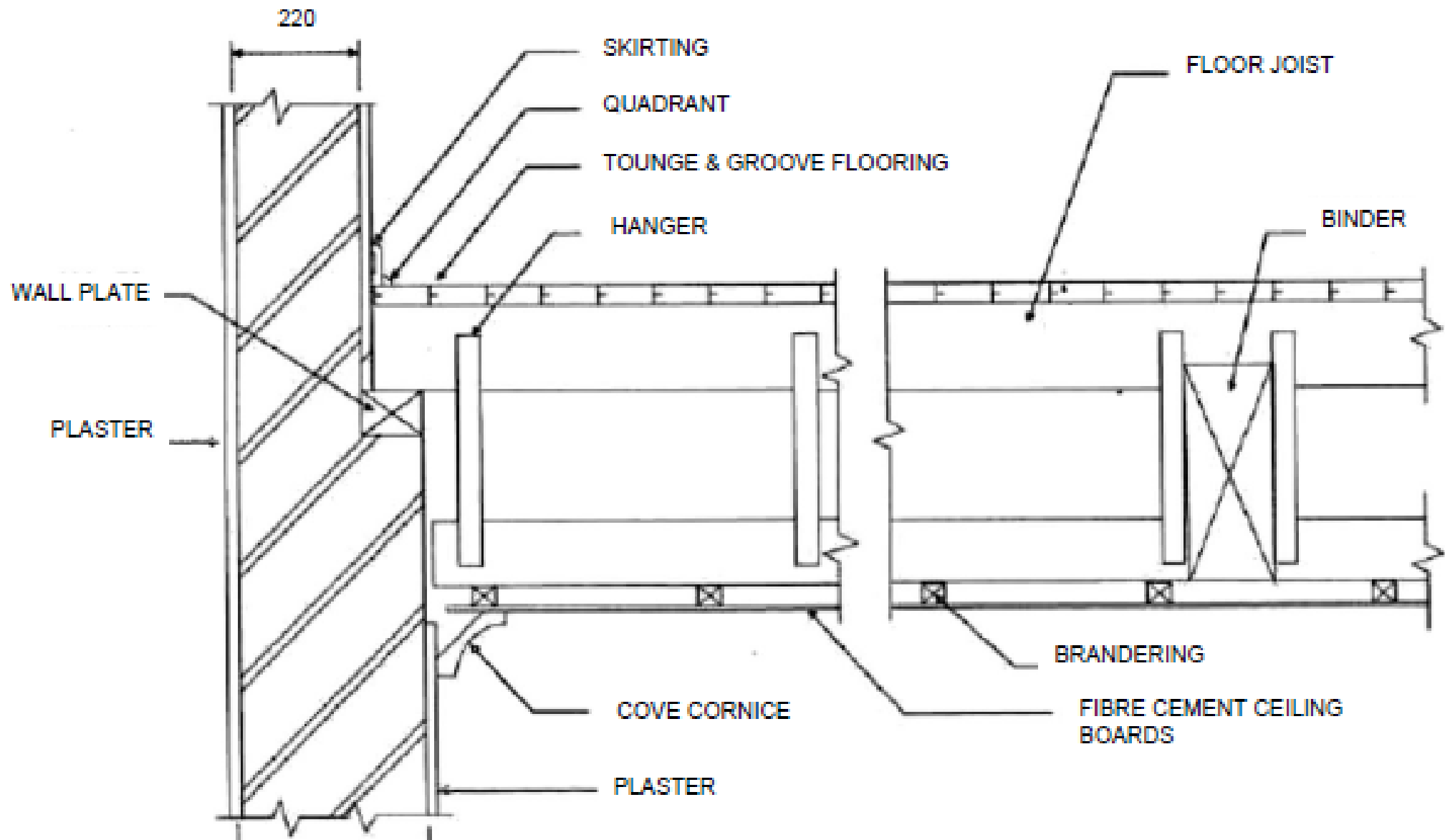
NATIONAL CERTIFICATE

BUILDING DRAWING N3

14 April 2020

This marking guideline consists of 16 pages

QUESTION 1:

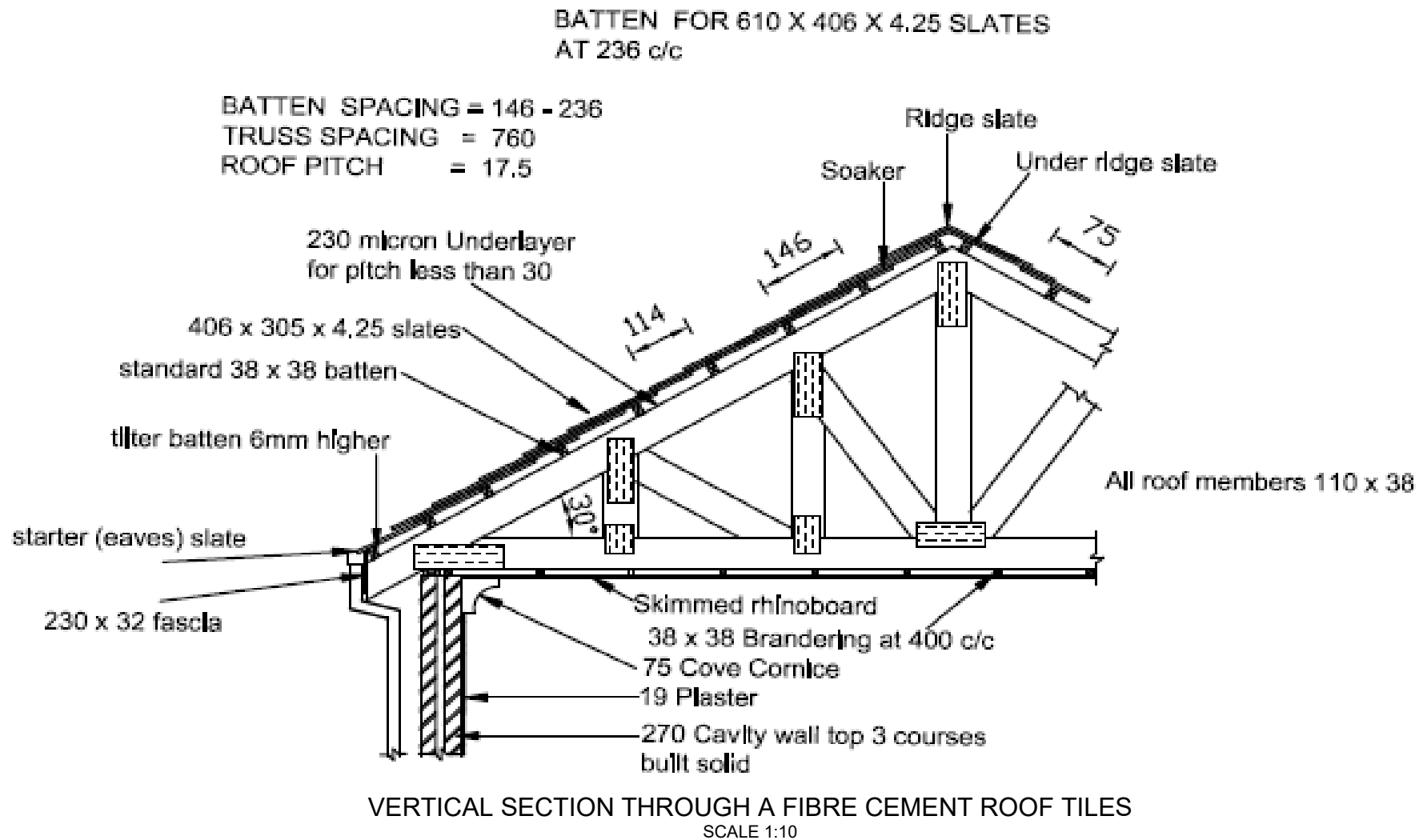


QUESTION 1: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Ceiling board, cornice, channel, hangers,	Correct position	4	
	Dimensioning	4	
	Labelling	4	
	Hatching	4	
Floor joist, quadrant, floor finish and skirting	Correct position	4	
	Dimensioning	4	
	Labelling	4	
	Hatching	4	
Wall, tie and plaster	Correct position	2	
	Dimensioning	2	wall and plaster
	Labelling	3	
	Hatching	2	wall and plaster
DPC and brick force	Correct position	3	
	Dimensioning	1	regulation
	Labelling	3	
	Hatching	2	ground level
	Subtotal	50	
	Divide by	3.125	
Overall correctness		16	
Overall impression		2	
Title		1	
Scale		1	
TOTAL:		20	

SUMMARY QUESTION 1

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	13			
Dimensions	11			
Labels	14			
Hatching	12			
Subtotal	50			
Divide by	3.125			
Overall correctness	16			
Overall impression	2			
Title	1			
Scale	1			
TOTAL:	20			

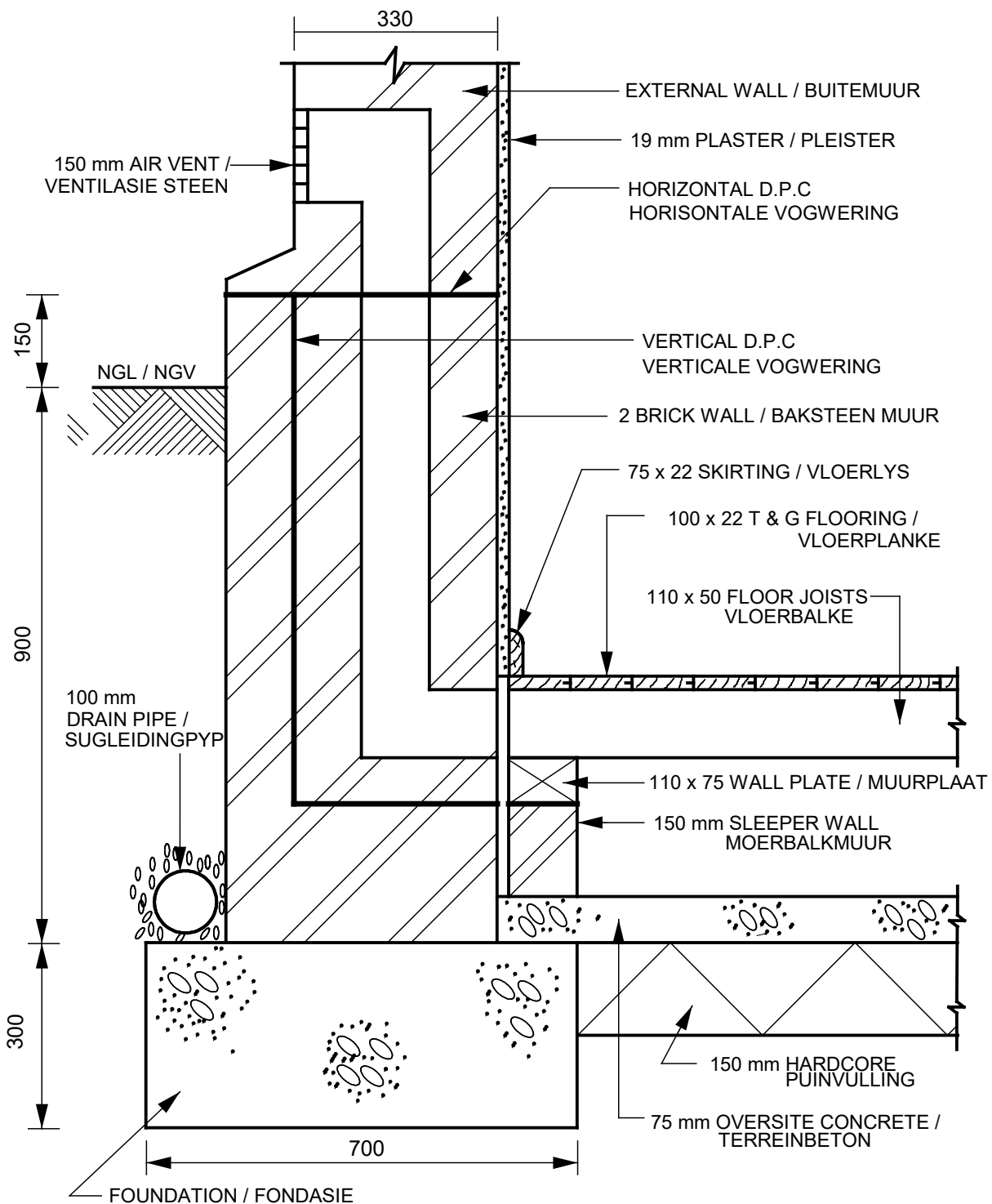
QUESTION 2



QUESTION 2: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Pitch, rafter, tie beam and wall plate	Correct position	4	
	Dimensioning	4	
	Labelling	4	
	Hatching	1	Wall plate
Slates, battens and tilting fillet	Correct position	3	
	Dimensioning	3	
	Labelling	3	
	Hatching	1	Battens
Gutter, boarding, lining, boarding cleat and flashing	Correct position	6	
	Dimensioning	2	Gutter and boarding
	Labelling	6	
	Hatching		
Branding, ceiling board and cornice	Correct position	3	
	Dimensioning	3	
	Labelling	3	
	Hatching	1	Branding
Wall, plaster	Correct position	3	
	Dimensioning	3	
	Labelling	3	
	Hatching	2	
	Subtotal	58	
	Divide by	3.63	
Overall correctness		16	
Overall impression		2	
Title		1	
Scale		1	
TOTAL		20	

SUMMARY QUESTION 2

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	19			
Dimensions	15			
Labels	19			
Hatching	5			
Subtotal	58			
Divide by	3.63			
Overall correctness	16			
Overall impression	2			
Title	1			
Scale	1			
TOTAL	20			

QUESTION 3**VERTICAL SECTION THROUGH BASEMENT SUSPENDED FLOOR**

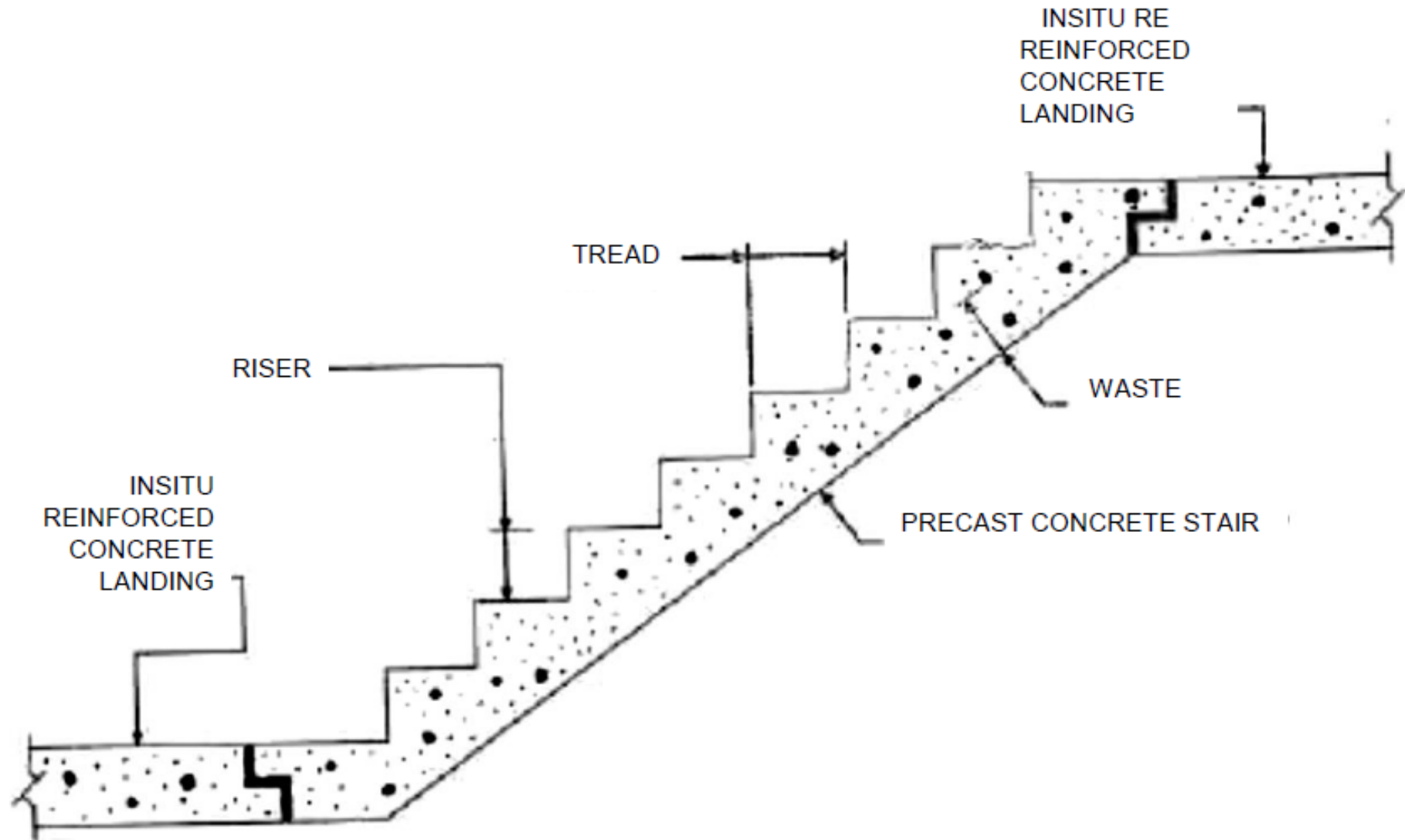
SCALE 1 : 10

QUESTION 3: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Foundation	Correct position	1	
	Dimensioning	2	
	Labelling	1	
	Hatching	1	
Oversite concrete and hardcore	Correct position	2	
	Dimensioning	2	
	Labelling	2	
	Hatching	2	
External wall, ventilated shaft, vertical DPC, horizontal DPC, air vent and natural ground level	Correct position	6	
	Dimensioning	5	Not for NGL
	Labelling	6	
	Hatching	2	Wall and NGL
Sleeper wall, wall plate, floor joist, flooring, plaster and skirting	Correct position	6	
	Dimensioning	6	
	Labelling	6	
	Hatching	3	Flooring, plaster and skirting
Drainpipe	Correct position	1	
	Dimensioning	1	
	Labelling	1	
	Hatching	1	Surrounding area
	Subtotal	57	
	Divided by	4,4	
Overall Correctness		13	
Line work		5	
Accuracy		4	
Balanced layout and neatness		3	
TOTAL		25	

SUMMARY QUESTION 3

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	16			
Dimensions	16			
Labels	16			
Hatching	9			
Subtotal	57			
Divided by	4,4			
Overall correctness	13			
Line work	5			
Accuracy	4			
Balanced layout and neatness	3			
TOTAL	25			

[25]



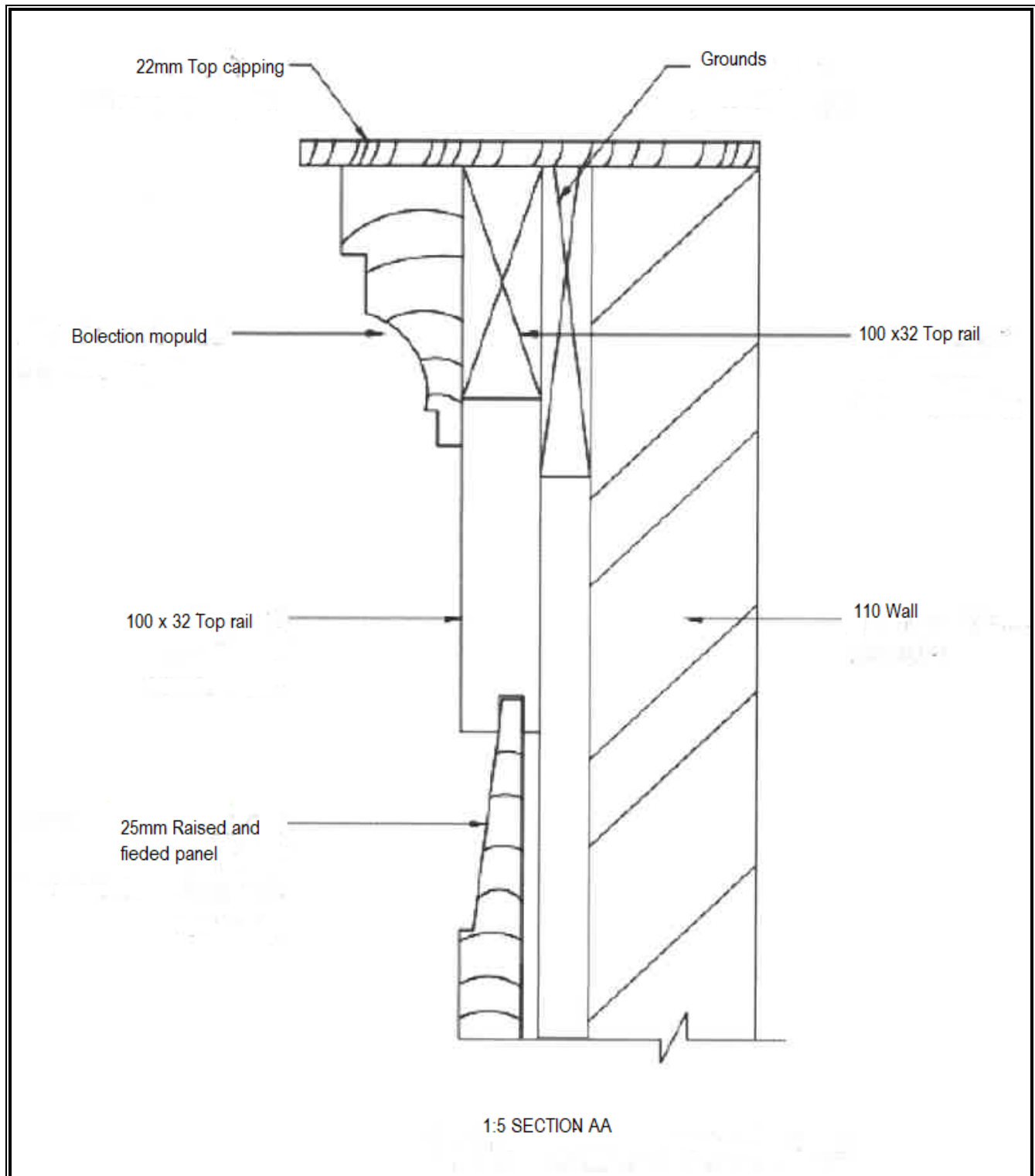
QUESTION 4: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Tread	Correct position	1	
	Dimensioning	1	
	Labelling	1	
	Hatching		
Rise	Correct position	1	
	Dimensioning	1	
	Labelling	1	
	Hatching		
Waist	Correct position	1	
	Dimensioning	1	
	Labelling	1	
	Hatching		
Landing, floor and bearing nib	Correct position	3	
	Dimensioning	3	
	Labelling	3	
	Hatching		
	Subtotal	18	
	Divided by	4,5	
Overall correctness		4	
Line work		2	
Accuracy		2	
Balanced layout and neatness		2	
TOTAL		10	

SUMMARY QUESTION 4

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	6			
Dimensions	6			
Labels	6			
Hatching				
Subtotal	18			
Divided by	4,5			
Overall correctness	4			
Line work	2			
Accuracy	2			
Balanced layout and neatness	2			
TOTAL	10			

[10]

QUESTION 5



QUESTION 5: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Wall and capping	Correct position	2	
	Correct shape	1	
	Labelling	2	
	Hatching		
Grounds	Correct position	1	
	Correct shape	1	
	Labelling	1	
	Hatching	1	
Head rail and top rail	Correct position	2	
	Correct shape	1	
	Labelling	1	
	Hatching	1	
Raised and fielded panel	Correct position	1	
	Correct shape	1	
	Labelling	1	
	Hatching	1	
	Subtotal	18	
	Divided by	2	
Title and scale		1	
Line work		1	
Accuracy		1	
TOTAL		12	

SUMMARY QUESTION 5

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	6			
Correct shape	4			
Labels	3			
Hatching	5			
Subtotal	18			
Divided by	2			
Title and scale	1			
Line work	1			
Accuracy	1			
TOTAL	12			

[12]**QUESTION 6**

- 6.1 Flushed
- 6.2 Flashing
- 6.3 P-Trap
- 6.4 Gravitation
- 6.5 Sewage

[5]**QUESTION 7: APPLICATION OF VARNISH TO NEW WOOD**

- Sand down wood with fine (100 grit) sand paper.
- Apply one coat of sanding sealer.
- Fill knots and holes with matching wood filler.
- Apply first coat of varnish.
- Sand down wood with finer (120 grit) sand paper.
- Apply second coat of varnish.
- Sand down wood with finer (220 grit) sand paper
- Apply final coat of varnish.
- Application can be done by brush or spray.
- Let each coat of varnish dry before sanding.

(8 × 1)

[8]**TOTAL: 100**