



higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

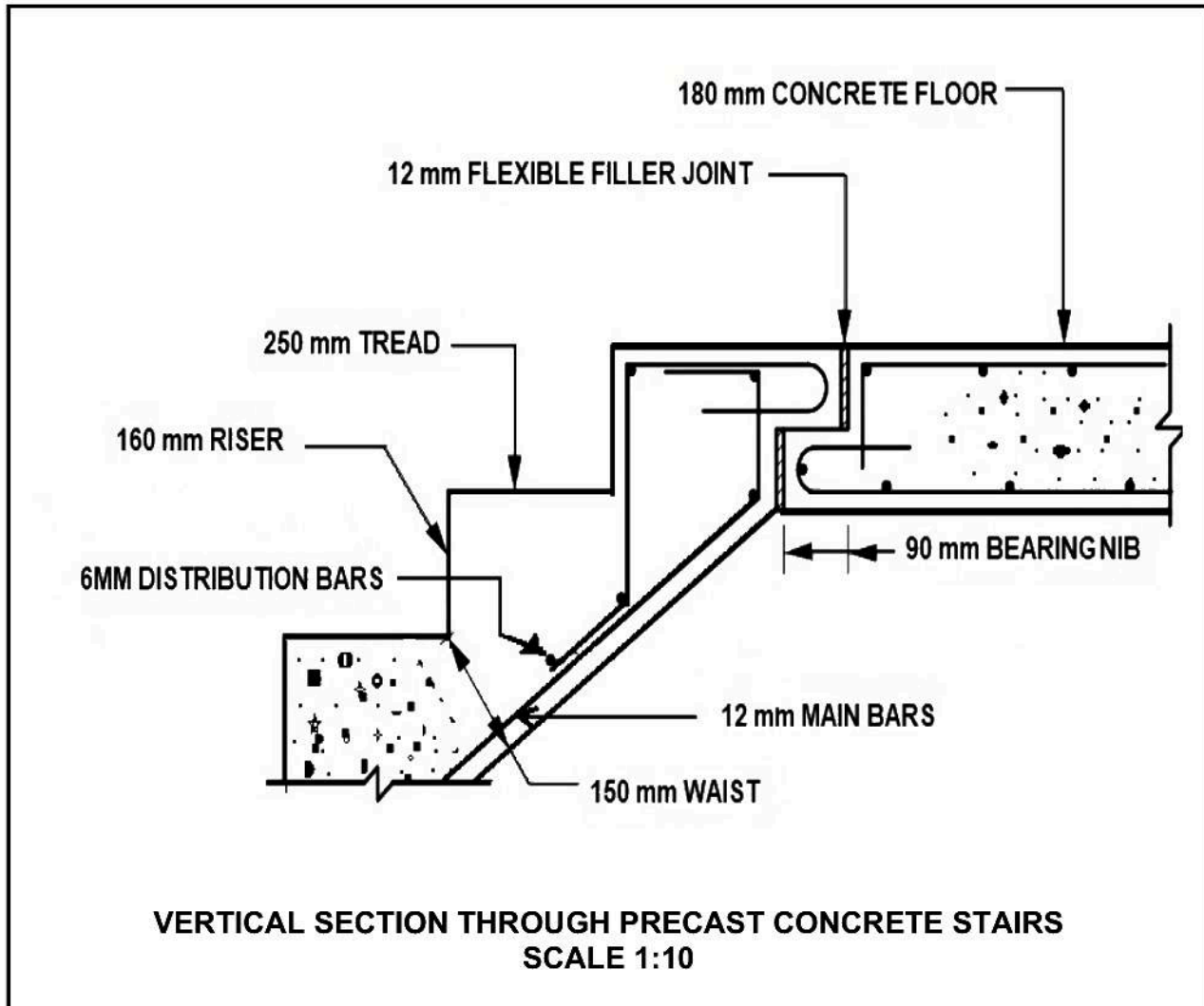
NATIONAL CERTIFICATE

BUILDING DRAWING N3

9 April 2024

This marking guideline consists of 12 pages.

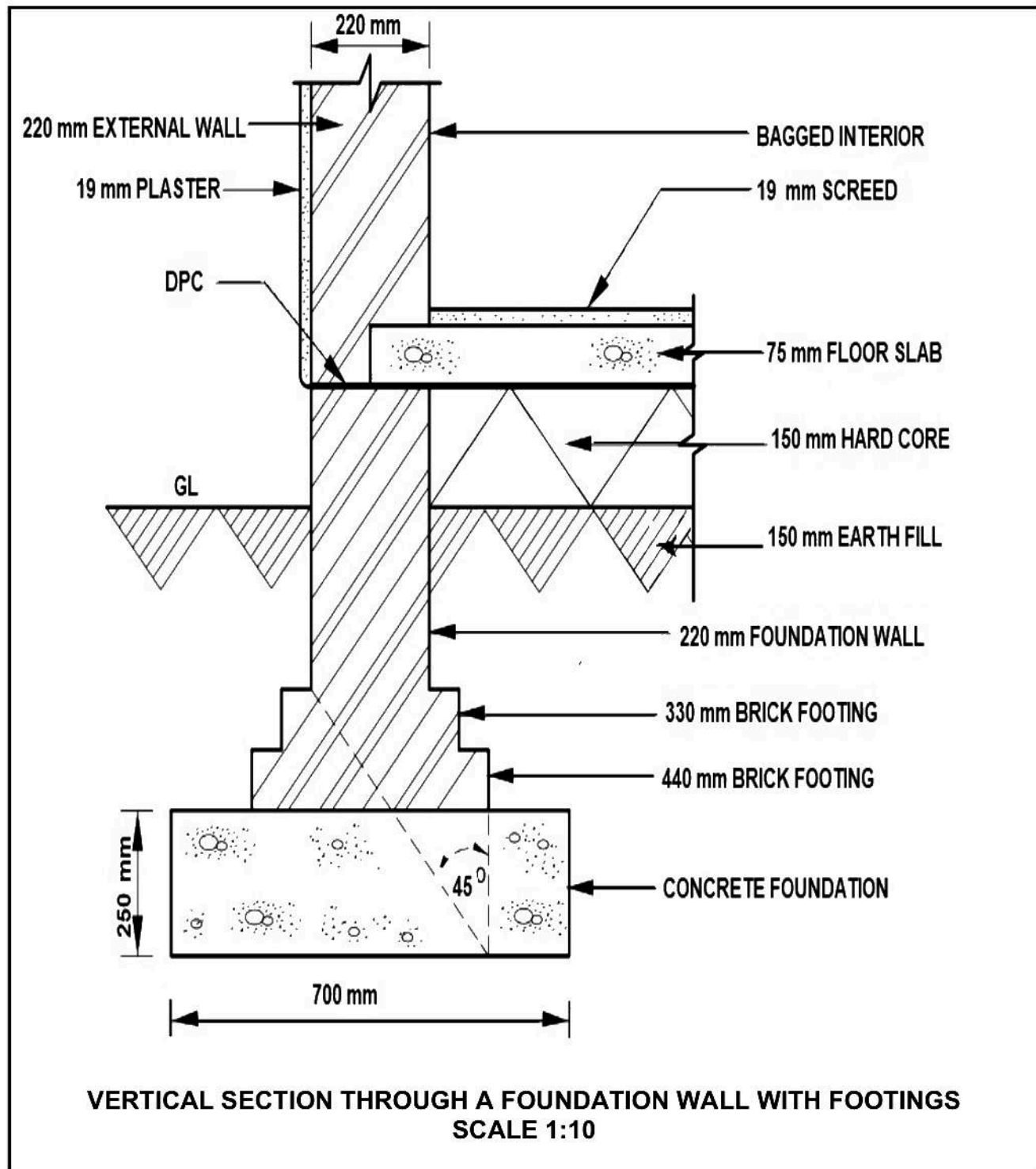
QUESTION 1: STAIRS



QUESTION 1: RUBRIC – PRECAST CONCRETE STAIRS					
Part of drawing	Marking criteria	Possible mark	Marker	Internal Moderator	External Moderator
Floor, tread, riser, waist, bearing nib	Correct position	4			
	Labelling	4			
	Dimensions	4			
	Hatching	1			
Bearing nip Filler joint. Distribution bars Main bars	Correct position	4			
	Labelling	4			
	Dimensions	4			
	Hatching	1			
	Subtotal	26			
	Divided by	2,364			
	Overall correctness	11			
	Accuracy	2			
	Line work	2			
	Balance layout and neatness	1			
	TOTAL:	16			

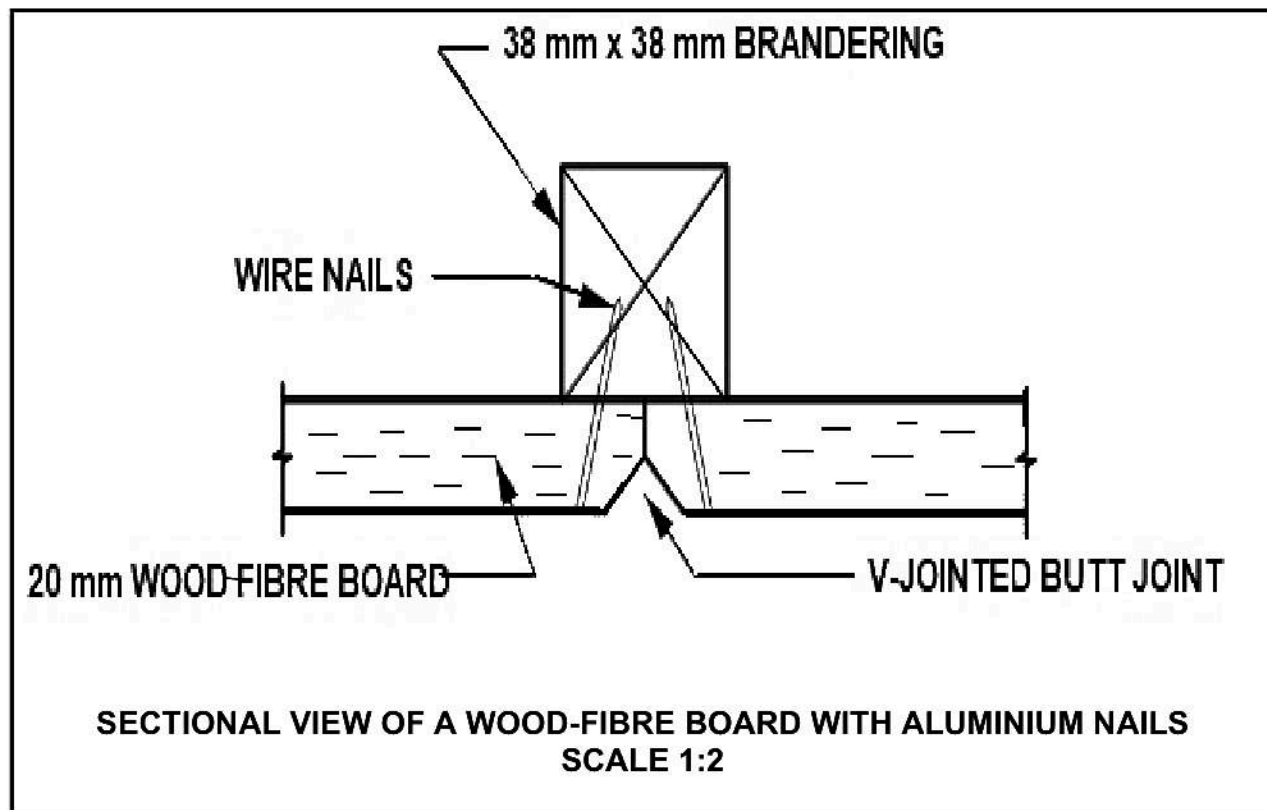
NOTE: No marks will be allocated for any part of the drawing in the incorrect position, but marks may be allocated for the hatching of that component.

QUESTION 2: FOUNDATION WALL WITH FOOTINGS



QUESTION 2: RUBRIC – FOUNDATION WALL WITH FOOTINGS					
Part of drawing	Marking criteria	Possible mark	Marker	Internal Moderator	External moderator
Concrete foundation Foundation wall Brick footings	Correct position	4			
	Labelling	4			
	Dimensions	4			
	Hatching	3			
Floor slab Screed DPC Hard core Earth fill Ground level	Correct position	6			
	Labelling	6			
	Dimensions	4			
	Hatching	4			
External wall Bagging Plaster	Correct position	3			
	Labelling	3			
	Dimensions	2			
	Hatching	2			
	Subtotal	45			
	Divided by	3			
	Overall correctness	15			
	Accuracy	2			
	Line work	2			
	Balance layout and neatness	1			
	TOTAL:	20			

QUESTION 3: JOINERY

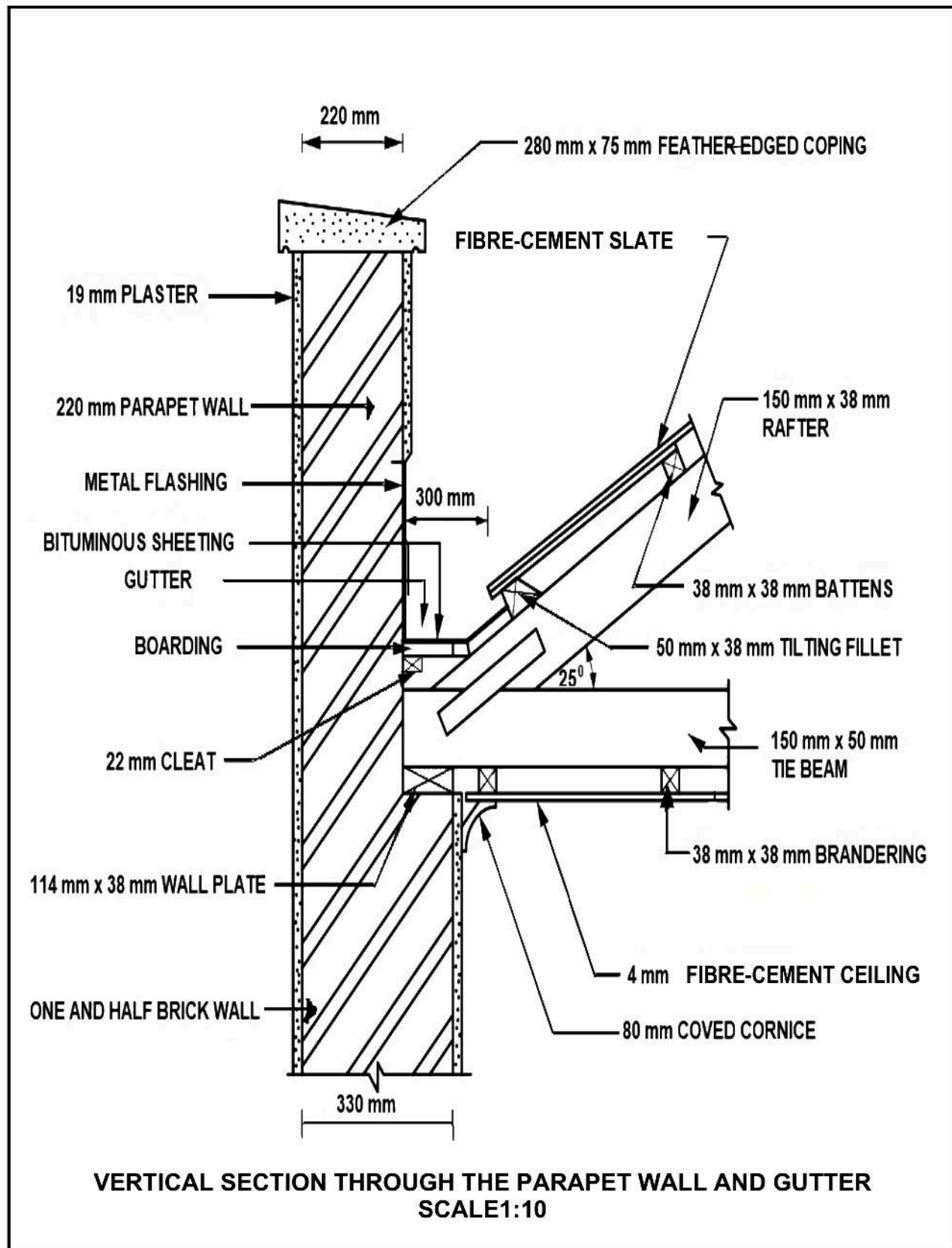


QUESTION 3: JOINERY

Part of drawing	Making criteria	Possible mark	Marker	Internal Moderator	Internal Moderator
Fibreboard, butt joint Wire nails, chamfer, kerf Rebate, T-bar & brandering	Correct position	7			
	Labelling	7			
	Dimension	2			
	Hatching	2			
	Subtotal	15			
	Divided by	1,364			
	Overall correctness	11			
	Accuracy	2			
	Line work	1			
	Balance layout and neatness	1			
	TOTAL:	14			

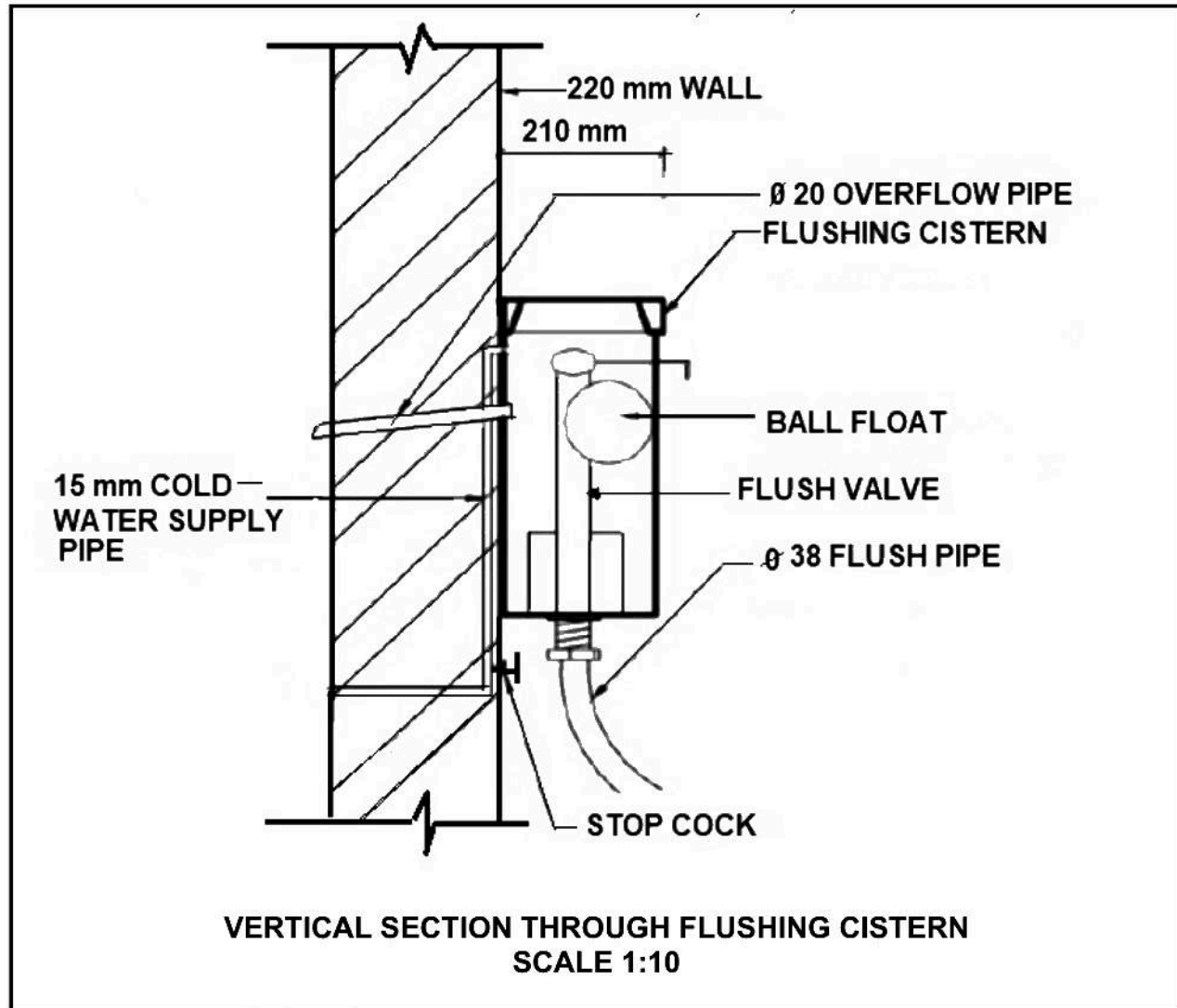
NOTE: No marks are to be allocated for any part of the drawing in the incorrect position, but marks may be allocated for the hatching of that component.

QUESTION 4: ROOF



QUESTION 4: RUBRIC – ROOF					
Part of drawing	Marking criteria	Possible mark	Marker	Internal Moderator	External moderator
Parapet wall Plaster Feature-edge coping Wall	Correct position	5			
	Labelling	5			
	Dimensions	5			
	Hatching	4			
Metal flashing, Bituminous sheeting, Gutter Boarding, Cleat	Correct position	5			
	Labelling	5			
	Dimensions	2			
	Hatching	0			
Cement slate, rafter, batten Tilting fillet Pitch	Correct position	5			
	Labelling	4			
	Dimensions	5			
	Hatching	2			
Tie beam, Branding, Ceiling, Cornice Wall plate	Correct position	5			
	Labelling	5			
	Dimensions	5			
	Hatching	2			
	Subtotal	64			
	Divided by	4,267			
Overall correctness		15			
	Accuracy	2			
	Line work	2			
Balance layout and neatness		1			
TOTAL:		20			

QUESTION 5: PLUMBING



QUESTION 5: RUBRIC – PLUMBING					
Part of drawing	Marking criteria	Possible mark	Marker	Internal Moderator	External Moderator
Wall Flushing pipe Overflow pipe. Flushing cistern Stop cock	Correct position	5			
	Labelling	5			
	Dimensions	5			
	Hatching	1			
Water supply pipe, ball float, Flush valve	Correct position	3			
	Labelling	3			
	Subtotal	22			
	Divided by	3.14			
Overall correctness		7			
	Accuracy	1			
	Line work	1			
Balance layout and neatness		1			
TOTAL:		10			

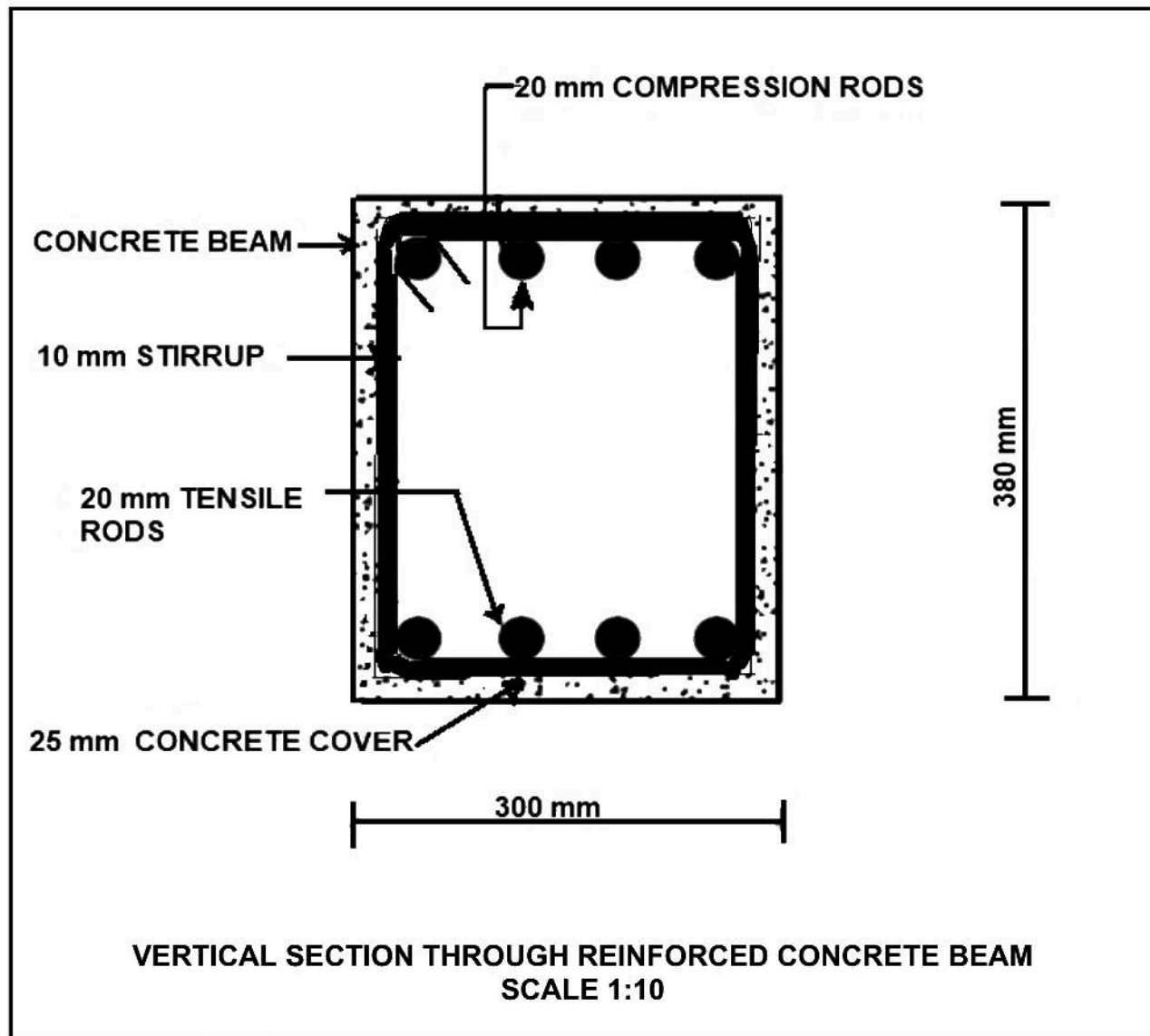
NOTE: No marks are to be allocated for any part of the drawing in the incorrect position, but marks may be allocated for the hatching of that component.

QUESTION 6: THEORY

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

(10 × 1) [10]

QUESTION 7: CONCRETE REINFORCEMENT



[10]

QUESTION 7: RUBRICK – REINFORCEMENT CONCRETE BEAM					
Part of drawing	Making criteria	Possible mark	Marker	Internal Moderator	Internal Moderator
Beam Concrete cover Tensile rod Stirrup Compression rod	Correct position	5			
	Labelling	5			
	Dimension	5			
	Hatching	1			
	Subtotal	16			
	Divided by	2,29			
Overall correctness		7			
	Accuracy	1			
	Line work	1			
Balance layout and neatness		1			
TOTAL:		10			

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