



higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

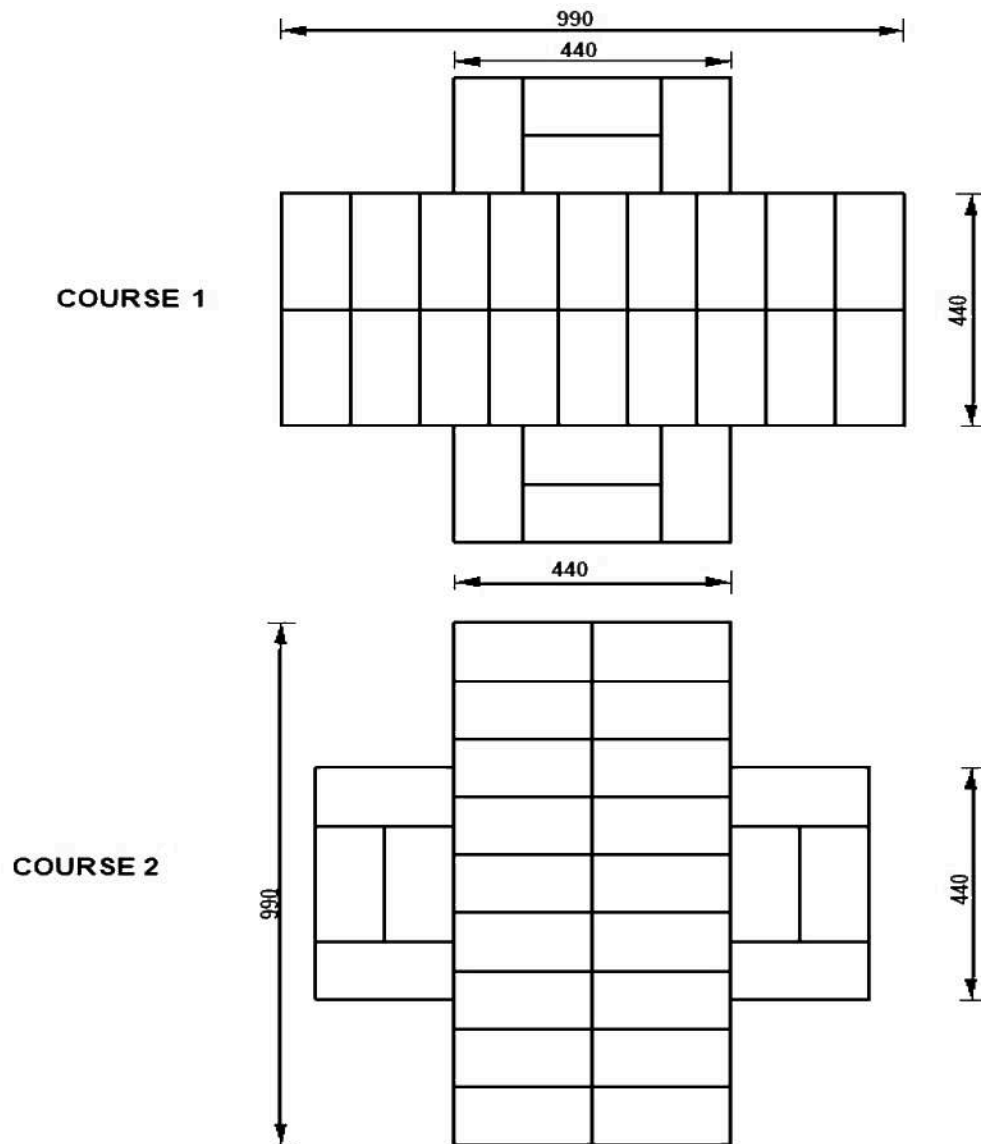
NATIONAL CERTIFICATE

BUILDING DRAWING N3

7 August 2025

This marking guideline consists of 14 pages.

QUESTION 1: BRICKWORK – CROSS INTERSECTION IN ENGLISH BOND



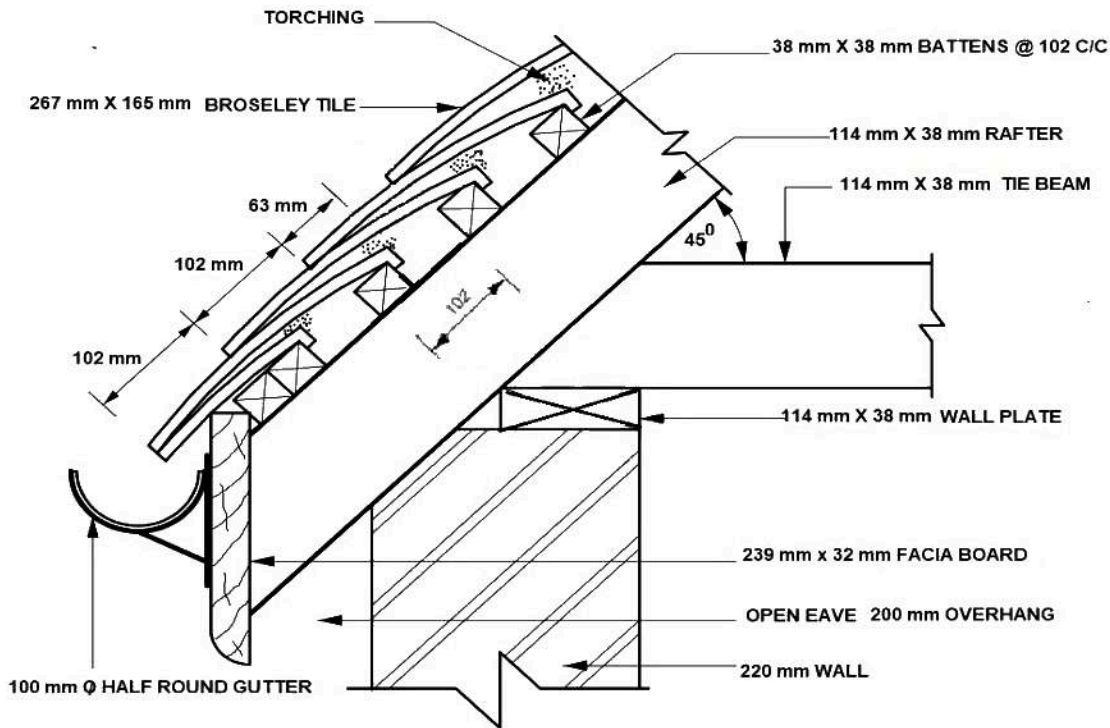
[10]

PLAN VIEW OF A CROSS INTERSECTION IN ENGLISH BOND

SCALE 1:10

QUESTION 1: BRICKWORK - ALTERNATIVE CROSS INTERSECTION IN ENGLISH BOND					
Part of drawing	Making criteria	Possible mark	Marker	Internal Moderator	Internal Moderator
Course 1	Correct position	2			
	Dimensions	2			
	Bond	4			
Course 2	Correct position	2			
	Dimensions	2			
	Bond	4			
	Subtotal	16			
	Divided by	2,286			
Overall correctness		7			
	Accuracy	1			
	Line work	1			
Balance layout and neatness		1			
TOTAL:		10			

QUESTION 2: ROOF



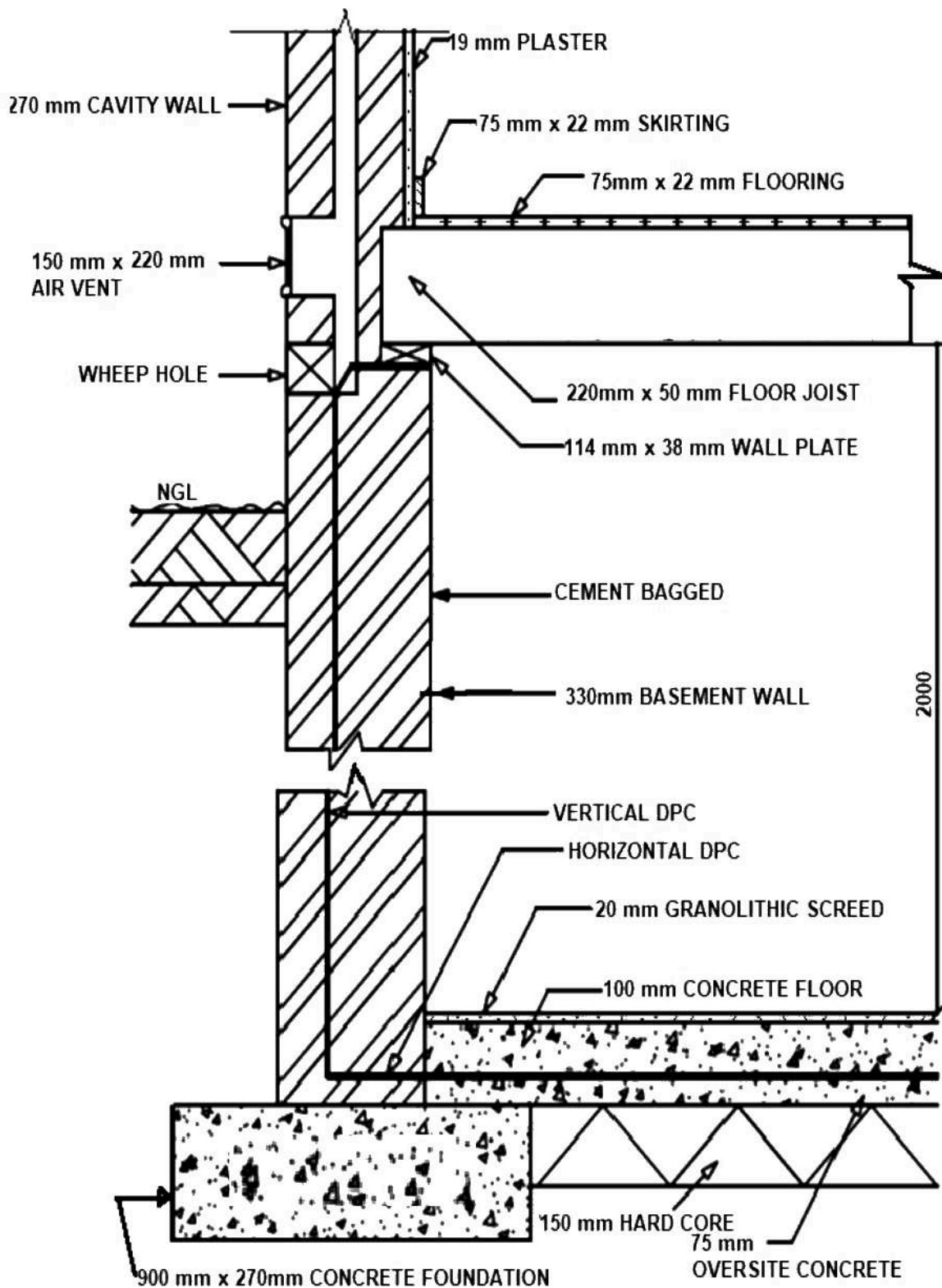
[10]

VERTICAL SECTION THROUGH PITCHED ROOF WITH BROSELEY TILES

SCALE 1:5

QUESTION 2: RUBRIC – PITCHED ROOF WITH BROSELEY TILES					
Part of drawing	Marking criteria	Possible mark	Marker	Internal Moderator	External moderator
Rafter, Broseley tiles, Battens and Torching	Correct position	4			
	Labelling	4			
	Dimensions	3			
	Hatching	2			
Pitch Tie beam, Wall plate and wall	Correct position	4			
	Labelling	3			
	Dimensions	4			
	Hatching	2			
Fascia board, Open eave Overhang and Gutter	Correct position	4			
	Labelling	4			
	Dimensions	3			
	Hatching	1			
	Subtotal	38			
	Divided by	5,43			
Overall correctness		7			
	Accuracy	1			
	Line work	1			
Balance layout and neatness		1			
TOTAL:		10			

QUESTION 3: FOUNDATION WALL AND SUSPENDED WALL



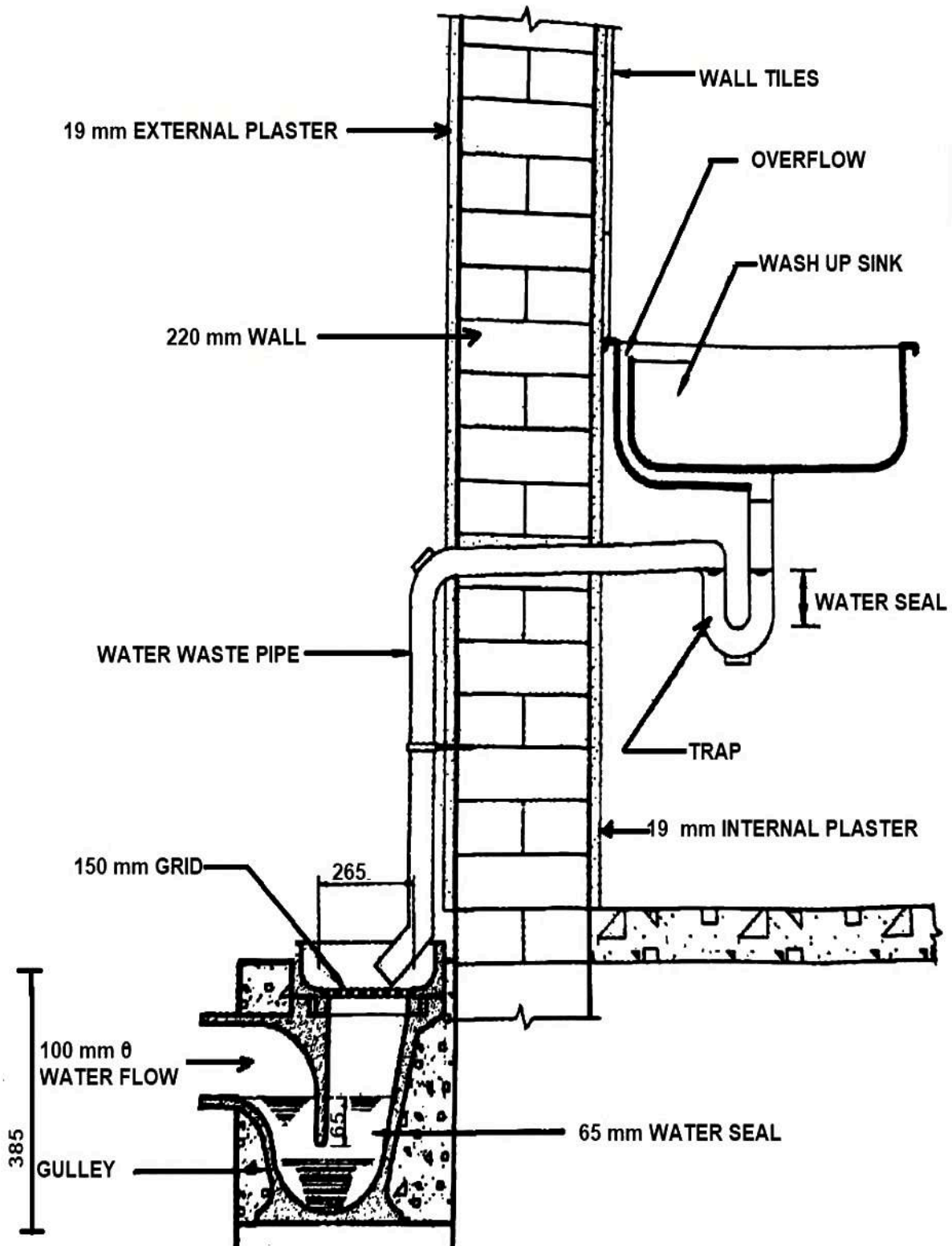
[20]

VERTICAL SECTION THROUGH THE EXTERNAL WALL, PART OF THE SUSPENDED FLOOR, CONCRETE FLOOR AND FOUNDATION

SCALE 1: 10

QUESTION 3 RUBRIC – GROUND AND FIRST FLOOR CONSTRUCTION					
Part of drawing	Marking criteria	Possible mark	Marker	Internal Moderator	External moderator
Foundation, Hard core, Oversite concrete, Concrete floor, Screed,	Correct position	5			
	Labelling	5			
	Dimensions	5			
	Hatching	5			
Wall, Cement bagged, Wall plate, Floor joist	Correct position	4			
	Labelling	4			
	Dimensions	4			
	Hatching	2			
Wheep hole, Air vent, DPC, GL	Correct position	4			
	Labelling	4			
	Dimensions	2			
	Hatching	1			
Plaster, Skirting, Flooring,	Correct position	3			
	Labelling	3			
	Dimensions	3			
	Hatching	3			
	Subtotal	57			
	Divided by	3,8			
Overall correctness		15			
Accuracy		2			
Line work		1			
Balance layout and neatness		2			
TOTAL:		20			

QUESTION 4: GULLEY AND SINK



[20]

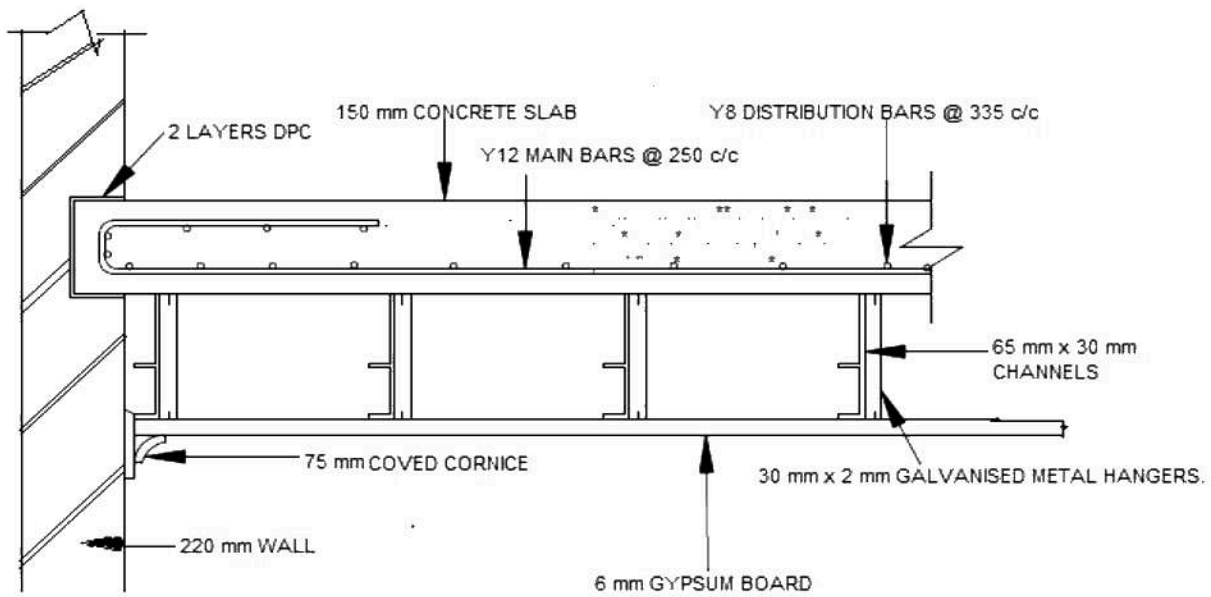
VERTICAL SECTION THROUGH BASIN, WALL, TRAP AND GULLEY

SCALE 1:10

QUESTION 4: RUBRIC – SINK AND GULLEY					
Part of drawing	Marking criteria	Possible mark	Marker	Internal Moderator	External moderator
Water seal, Gulley, Grid, Gulley opening Water flow	Correct position	5			
	Labelling	4			
	Dimensions	5			
	Hatching	2			
Water seal, Trap, wash-up sink, Waste water pipe, Overflow	Correct position	5			
	Labelling	5			
	Dimensions	1			
Wall, Wall tiles, Plaster	Correct position	3			
	Labelling	3			
	Dimensions	2			
	Hatching	2			

	Subtotal	37			
	Divided by	2.467			
	Overall correctness	15			
	Accuracy	2			
	Line work	1			
	Balance layout and neatness	2			
	TOTAL:	20			

QUESTION 5: STEEL BEAM AND CONCRETE FLOOR



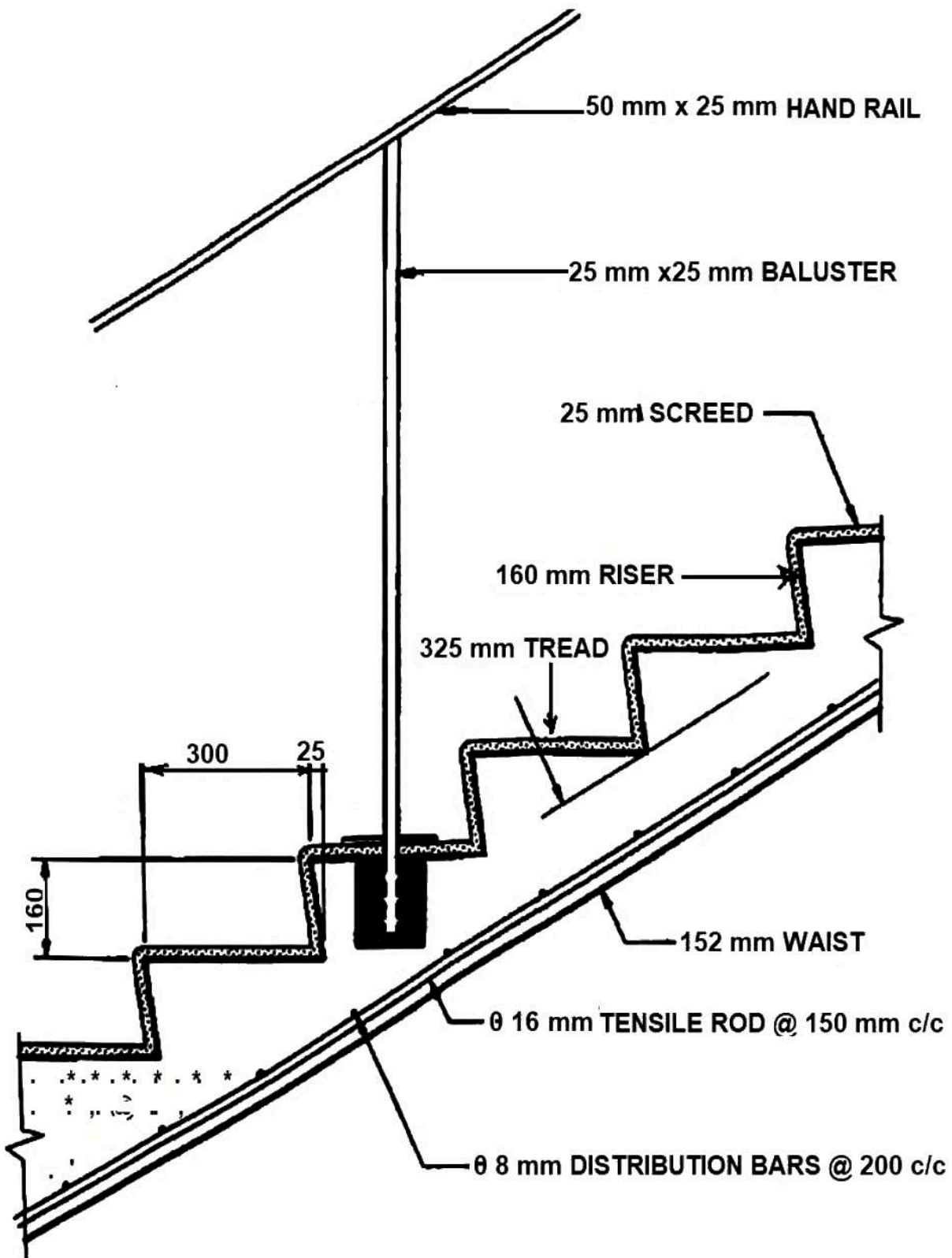
A-A SECTION REINFORCEMENT OF CONCRETE BEAM

SCALE 1:20

[15]

QUESTION 5: RUBRIC – CONCRETE SLAB WITH SUSPENDED CEILING					
Part of drawing	Making criteria	Possible mark	Marker	Internal Moderator	Internal Moderator
Wall, Ceiling, Cornice and Hangers	Correct position	4			
	Labelling	4			
	Dimension	4			
	Hatching	1			
DPC, Distribution bars Slab, Channels and Main bars	Correct position	5			
	Labelling	5			
	Dimension	4			
	Hatching	1			
	Subtotal	28			
	Divided by	2.333			
Overall correctness		12			
	Accuracy	1			
	Line work	1			
Balance layout and neatness		1			
TOTAL:		15			

QUESTION6: STAIRCASES



[15]

VERTICAL SECTION OF REINFORCED CONCRETE STAIRCASE

SCALE 1:10

QUESTION 6: RUBRIC – REINFORCED CONCRETE STAIRCASE					
Part of drawing	Making criteria	Possible mark	Marker	Internal Moderator	Internal Moderator
Handrail, Balusters, Waist	Correct position	3			
	Labelling	3			
	Dimension	3			
Treads, Riser, Screed, Tensile bars, Distribution bars	Correct position	5			
	Labelling	5			
	Dimension	5			
	Hatching	1			
	Subtotal	25			
	Divided by	2.27			
Overall correctness		11			
	Accuracy	2			
	Line work	1			
Balance layout and neatness		1			
TOTAL:		15			

QUESTION 7: THEORY

- 7.1
- Weather protection.
 - Preservation of the building or to make it last.
 - Decorates surfaces.
 - Simplifies cleaning.
- (4)
- 7.2
- Oil varnish
 - Spirit varnish
 - Elastic and hard varnish
- (Any ONE) (1)
- 7.3
- Anhydrite plaster
 - Keene's or Parian
 - Plaster of Paris
 - Anhydrous gypsum plaster
 - Retarded Hemihydrate gypsum plaster
- (5)
[10]
- TOTAL: 100**