higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

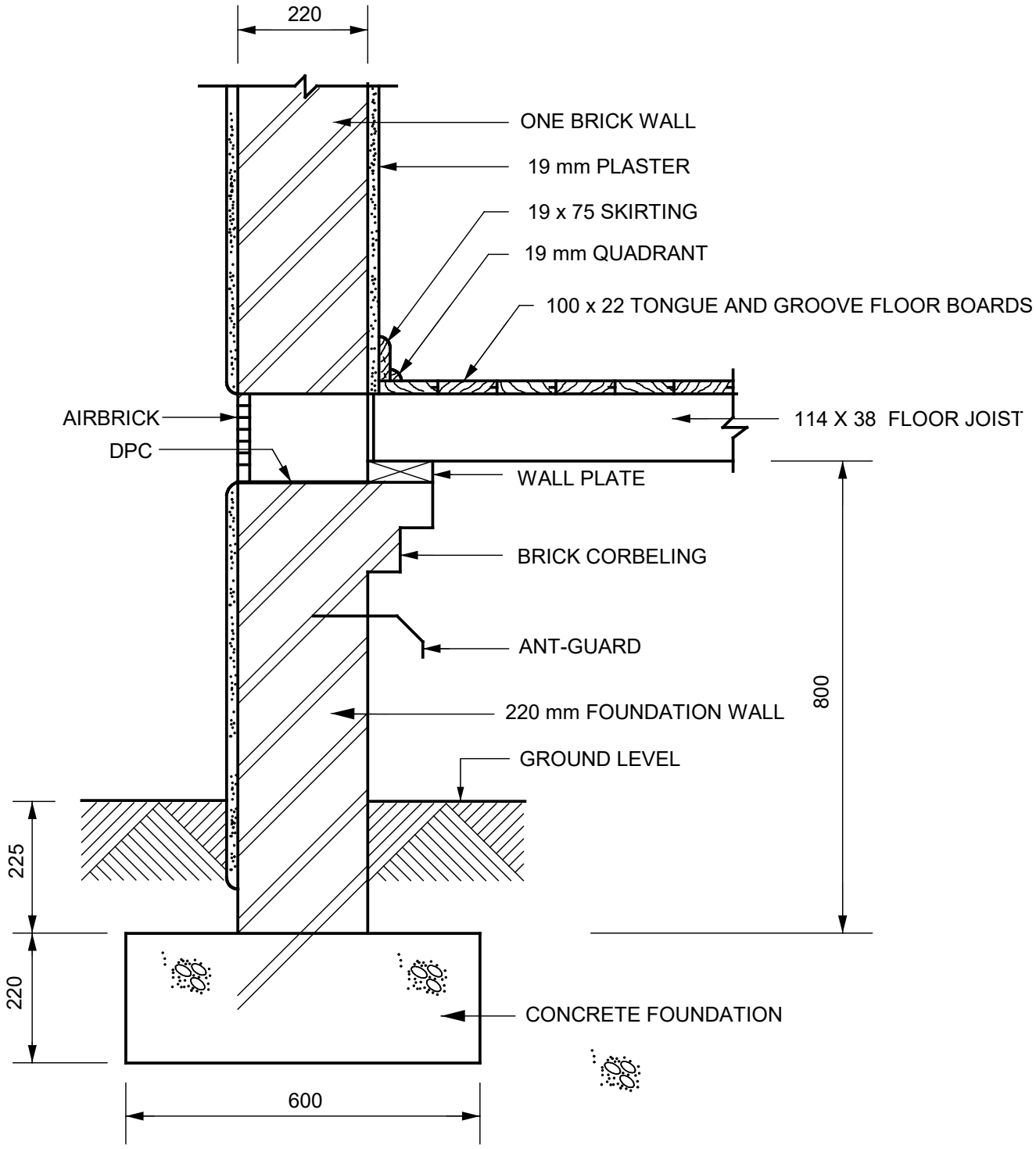
BUILDING DRAWING N2

20 November 2024

This marking guideline consists of 13 pages.

Copyright reserved

QUESTION 1



VERTICAL SECTION THROUGH EXTERNAL WALL AND SUSPENDED FLOOR

SCALE 1:10

Copyright reserved

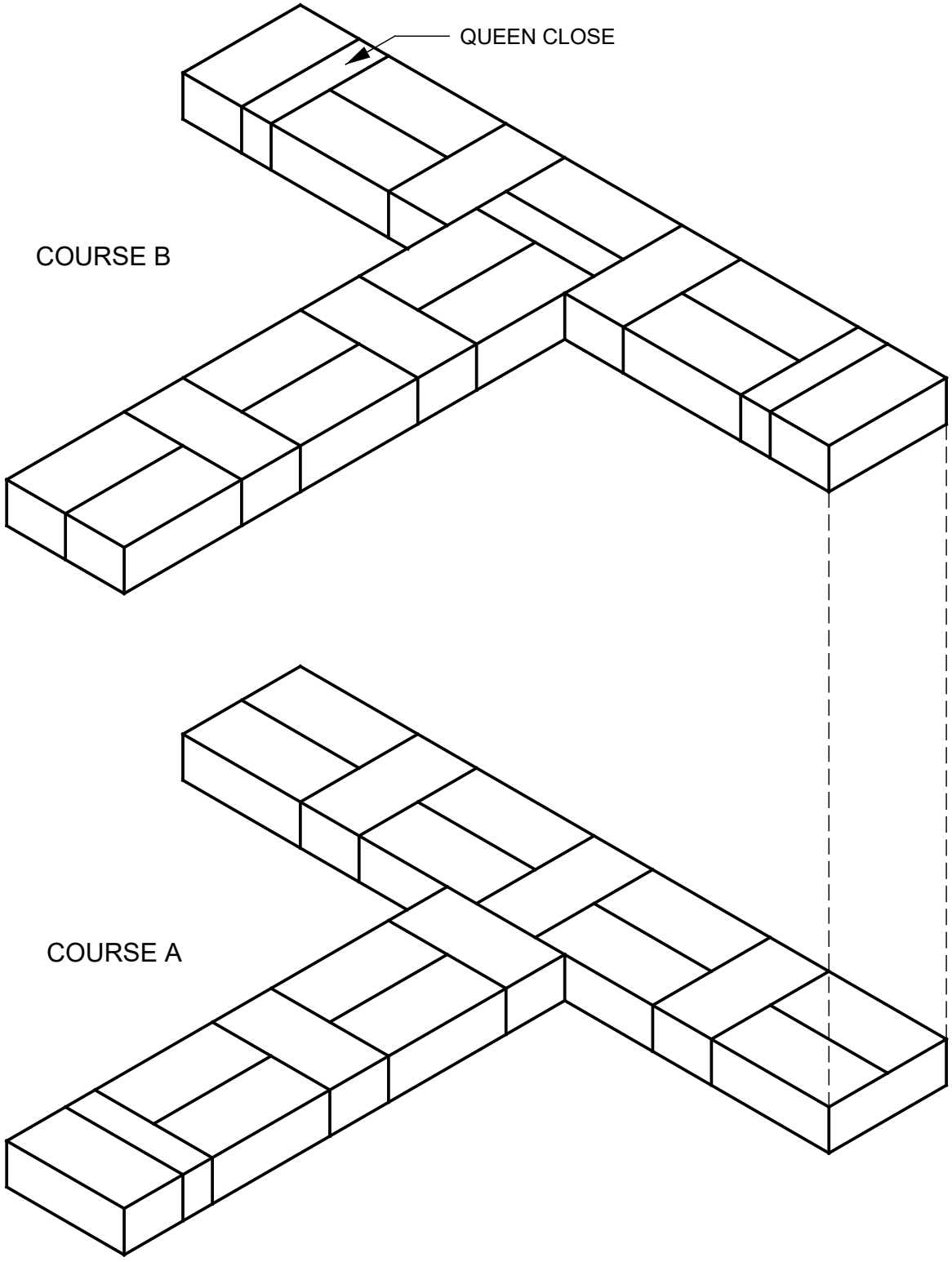
RUBRIC FOR DRAWING					
Part of the drawing	**Marking Criteria**	**Possible Mark**	**Marker**	**Internal Moderator**	**External Moderator**
Concrete foundation, Foundation wall, External wall (Superstructure), Ground level	Correct position	4			
	Hatching	4			
	Labelling	4			
Corbeling, Wall plate, Floor joist, Floor board,	Correct position	4			
	Hatching	3			
	Labelling	4			
Plaster, Skirting, Quadrant	Correct position	3			
	Hatching	3			
	Labelling	3			
Ant-guard, Air-brick, DPC	Correct position	3			
	Labelling	3			
	Dimension	4			
	Title and scale	2			
	Subtotal	**44**			
	Divide by	**3,143**			
Overall correctness		**14**			
	Accuracy	**6**			
	Line work	**4**			
Balance layout and neatness		**1**			
	TOTAL	**25**			

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

.

Copyright reserved

QUESTION 2



ISOMETRIC VIEW OF A T-JUNCTION, BUILT IN FLEMISH BOND

SCALE 1:10

Copyright reserved

RUBRIC FOR DRAWING					
Part of the drawing	**Marking Criteria**	**Possible Mark**	**Marker**	**Internal Moderator**	**External Moderator**
Isometric view	Axis	2			
	Alignment	2			
Course A	Correct size	2			
	Brick pattern	2			
	Brick size	3			
	Stopped ends	1			
Course B	Correct size	2			
	Brick pattern	2			
	Brick size	3			
	Stopped ends	2			
Other	Labelling	1			
	Title and scale	2			
	Subtotal	**24**			
	Divide by	**3**			
Overall correctness		**8**			
	Accuracy	**5**			
	Line work	**2**			
Balance layout and neatness		**1**			
	TOTAL	**16**			

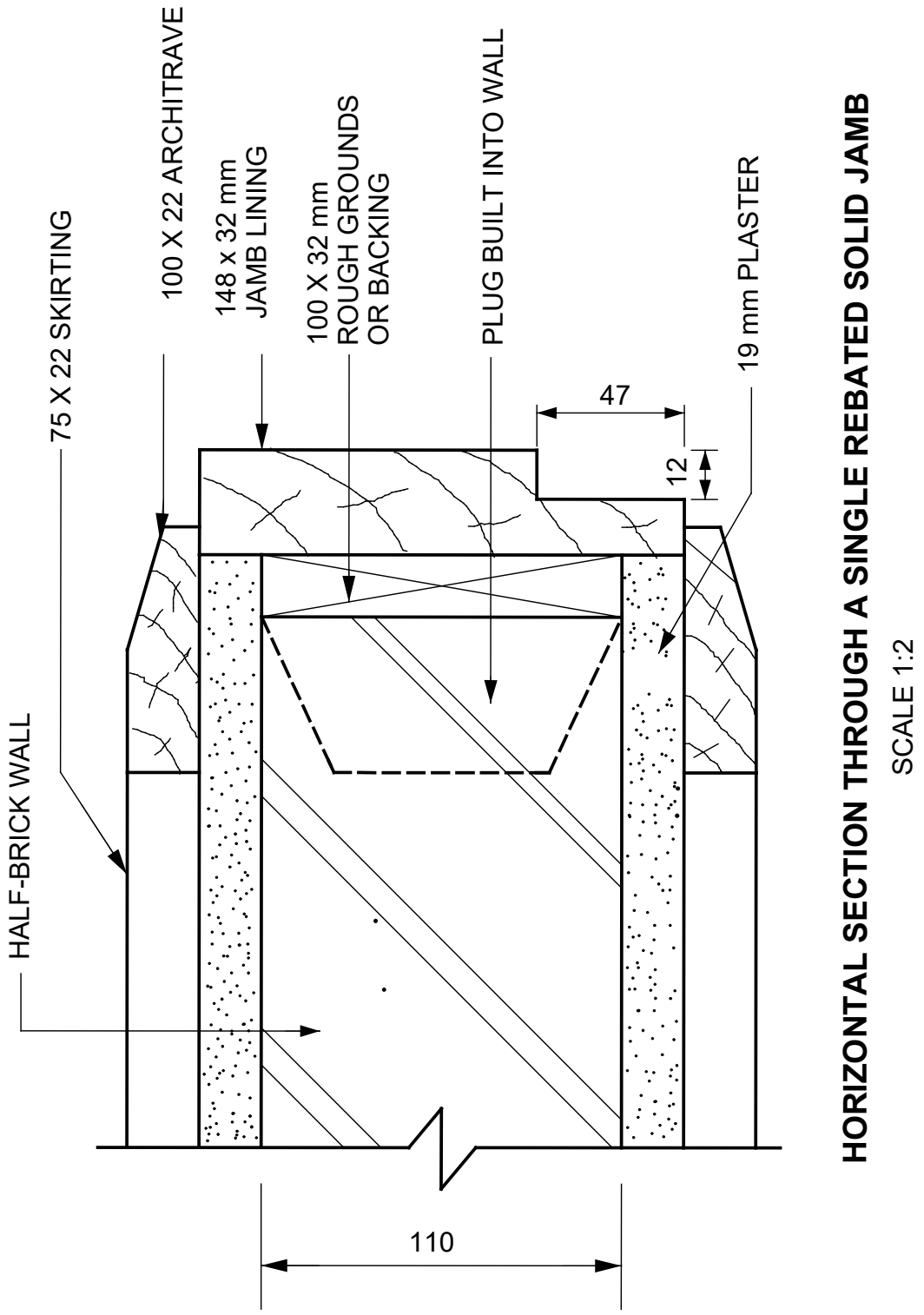
NOTE 1: No marks should be allocated for any part of the drawing in the incorrect position but marks allocated for hatching of that component.

NOTE 2:
- Axis refers to 30º isometric lines.
- Correct size refers to each drawn according to the given dimension.
- Brick size refers to the length, width and height of the bricks.
- Brick pattern refers to each course being laid according the required pattern.

.

Copyright reserved

QUESTION 3



HORIZONTAL SECTION THROUGH A SINGLE REBATED SOLID JAMB

SCALE 1:2

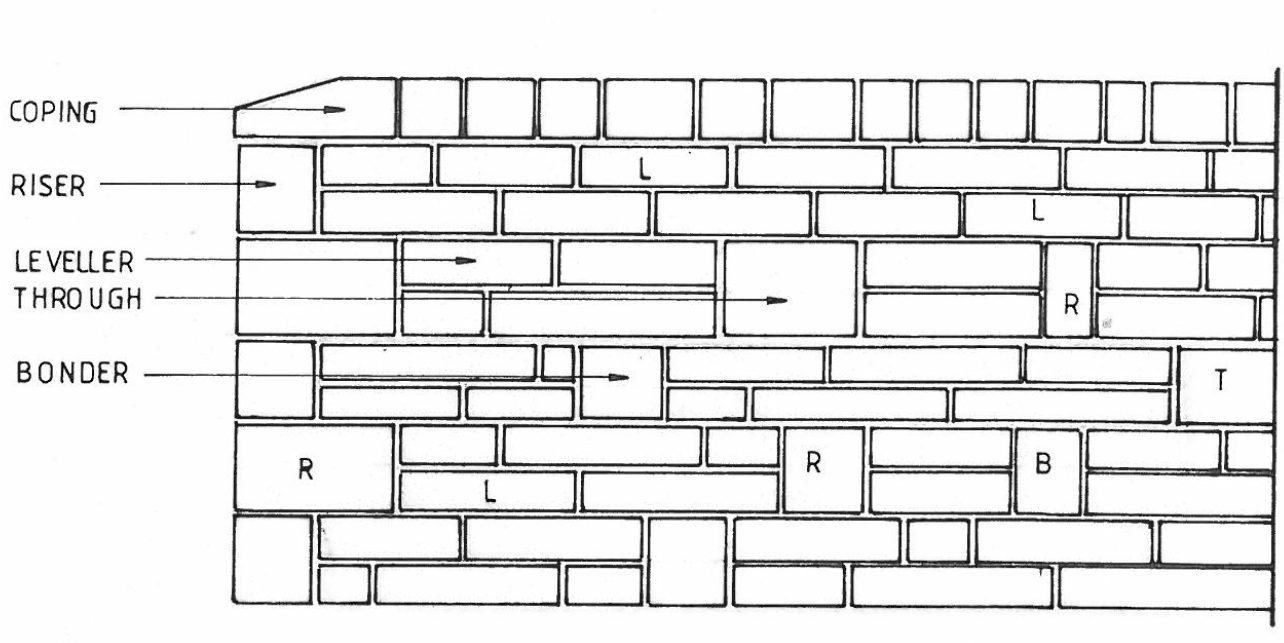
\

RUBRIC FOR DRAWING					
Part of the drawing	**Marking Criteria**	**Possible Mark**	**Marker**	**Internal Moderator**	**External Moderator**
Wall	Correct	1			
	Hatching	1			
	Labeling	1			
	Dimension	1			
Plaster × 2	Correct	2			
	Hatching	2			
	Labelling	1			
Jamb lining, architrave × 2, backing, plugs, skirting × 2	Correct position	7			
	Hatching	3			
	Labelling	5			
	Title and scale	2			
	Subtotal	**26**			
	Divide by	**3,25**			
Overall correctness		**8**			
	Accuracy	**4**			
	Line work	**3**			
Balance layout and neatness		**1**			
	TOTAL	**16**			

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

Copyright reserved

QUESTION 4



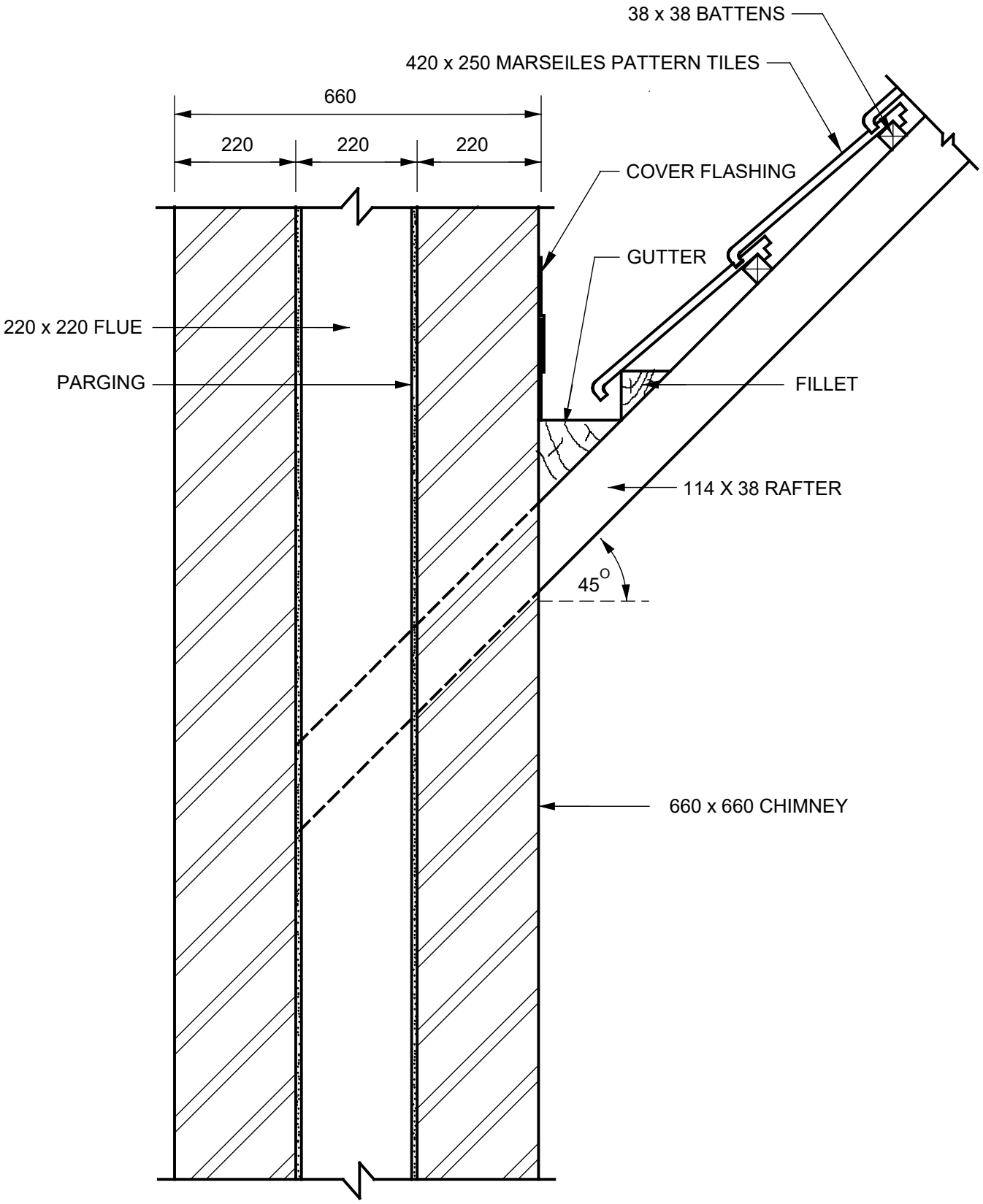
FRONT VIEW OF A SQUARED RUBBLE WALL BUILT TO COURSES

RUBRIC FOR DRAWING					
Part of the drawing	**Marking Criteria**	**Possible Mark**	**Marker**	**Internal Moderator**	**External Moderator**
Bonding	correct	2			
Riser	Correct position	1			
	Labeling	1			
Bonder	Correct position	1			
	Labelling	1			
Coping	Correct position	1			
	Labelling	1			
Leveller through	Correct position	1			
	Labelling	1			
	Title	1			
	Subtotal	**11**			
	Divide by	**2,2**			
Overall correctness		**5**			
	Accuracy	**3**			
	Line work	**2**			
	TOTAL	**10**			

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

Copyright reserved

QUESTION 5



VERTICAL SECTION THROUGH A CHIMNEY

SCALE 1:10

Copyright reserved

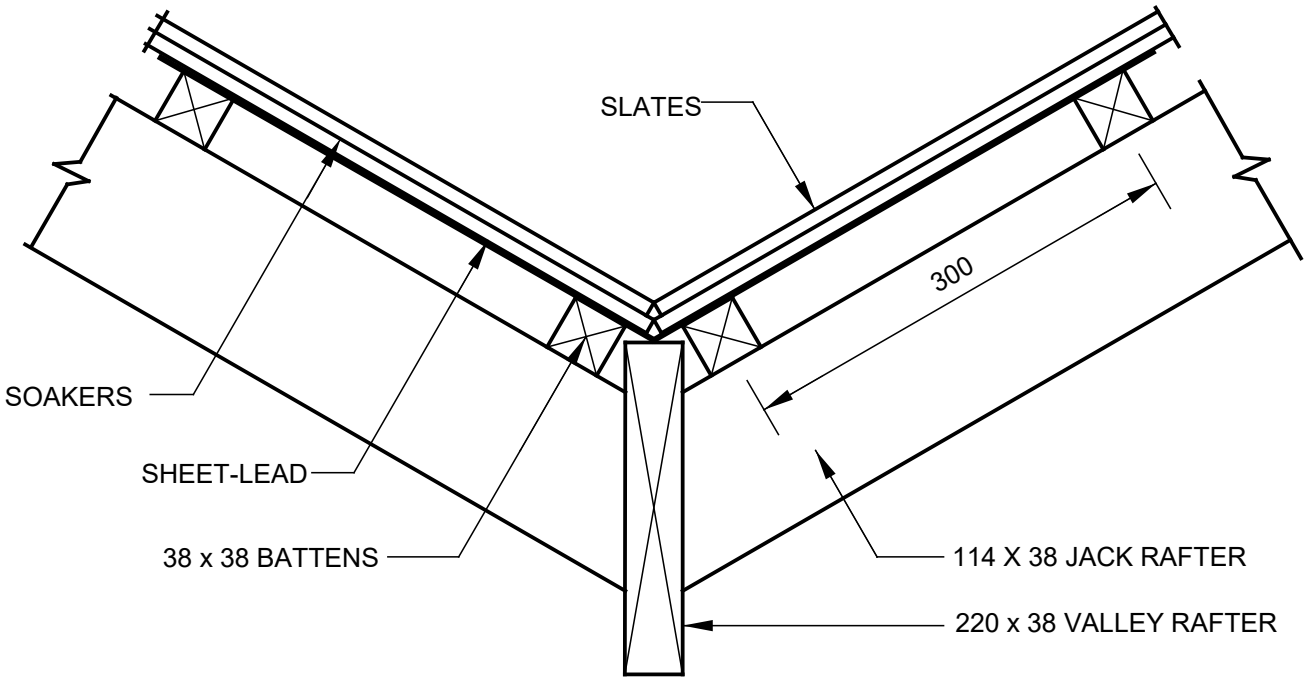
RUBRIC FOR DRAWING QUESTION 4			
PART OF THE DRAWING	**MARKING CRITERIA**	**POSSIBLE MARK**	**REMARKS**
Chimney, Flue, Parging	Correct position	3	
	Hatching	2	
	Labelling	3	
Rafter, Battens, Fillet	Correct position	3	
	Hatching	2	
	Labelling	3	
Marseilles tiles, gutter, cover flashing	Correct position	3	
	Labelling	3	
	Dimensions	4	
	Title and scale	2	
	Subtotal	**28**	
	Divide by	**2.8**	
	Overall correctness	**10**	
	Accuracy	**4**	
	Line work	**3**	
Balance layout and neatness		**1**	
	TOTAL	**18**	

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

.

Copyright reserved

QUESTION 6



SECTION THROUGH CLOSED VALLEY

SCALE 1:5

Copyright reserved

RUBRIC FOR DRAWING					
Part of the drawing	**Marking Criteria**	**Possible Mark**	**Marker**	**Internal Moderator**	**External Moderator**
Jack rafter x2	Correct position	2			
	Labelling	1			
Valley rafter	Correct position	1			
	Hatching	1			
	Labelling	1			
Battens	Correct position	2			
	Hatching	2			
	Labelling	1			
Sheet lead lining, soakers, slate	Correct position	3			
	Labelling	3			
	Dimension	1			
	Title and scale	2			
	Subtotal	**20**			
	Divide by	**2,5**			
Overall correctness		**8**			
	Accuracy	**4**			
	Line work	**2**			
Balance layout and neatness		**1**			
	TOTAL	**15**			

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

TOTAL: 100

Copyright reserved