



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

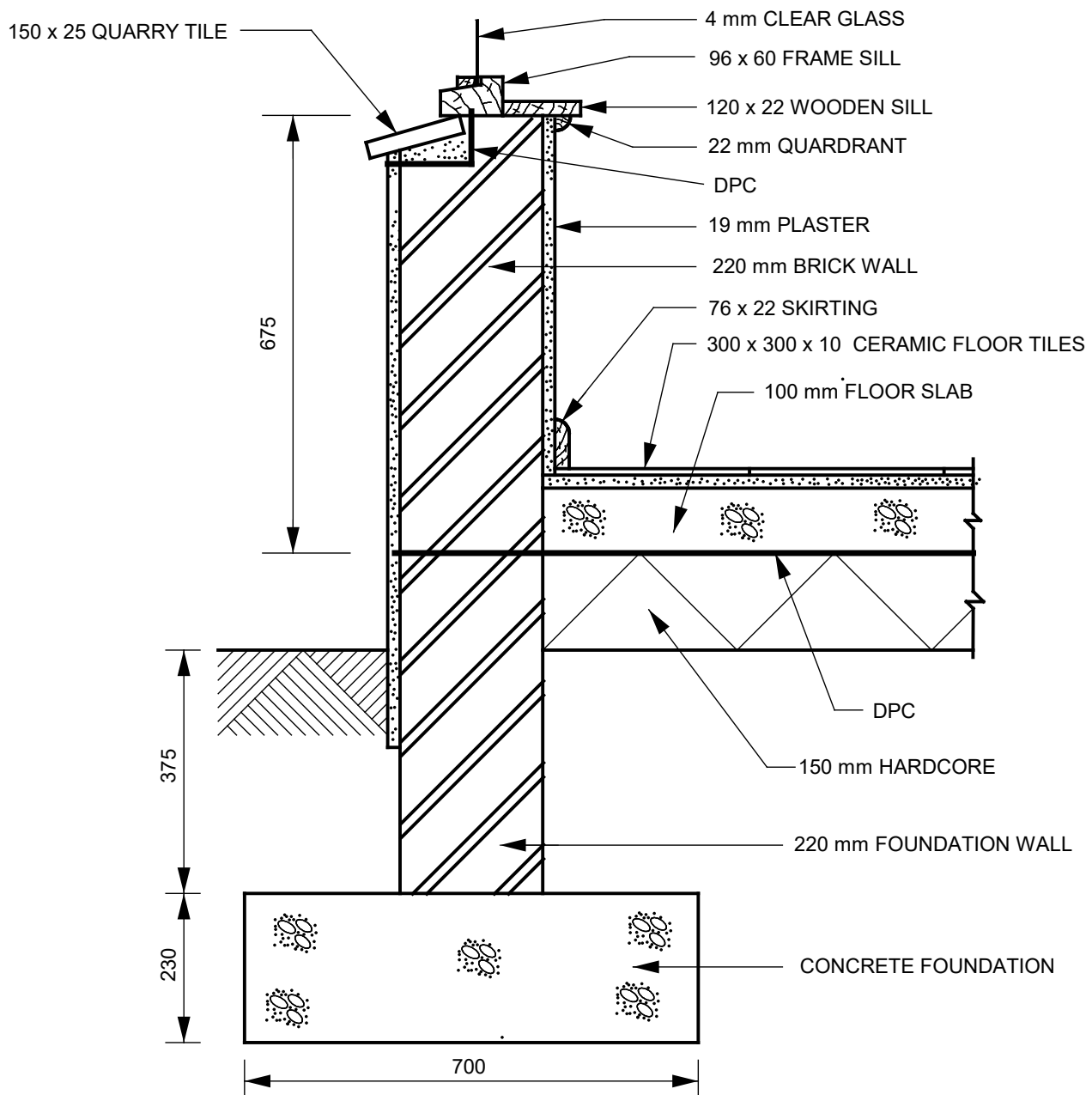
MARKING GUIDELINE

NATIONAL CERTIFICATE

BUILDING DRAWING N2

1 April 2020

This marking guideline consists of 7 pages.

QUESTION 1: FOUNDATIONS AND FLOORS**VERTICAL SECTION THROUGH A-A**

SCALE 1:10

[22]

QUESTION 1

SEE DRAWINGS FOR MODEL ANSWER

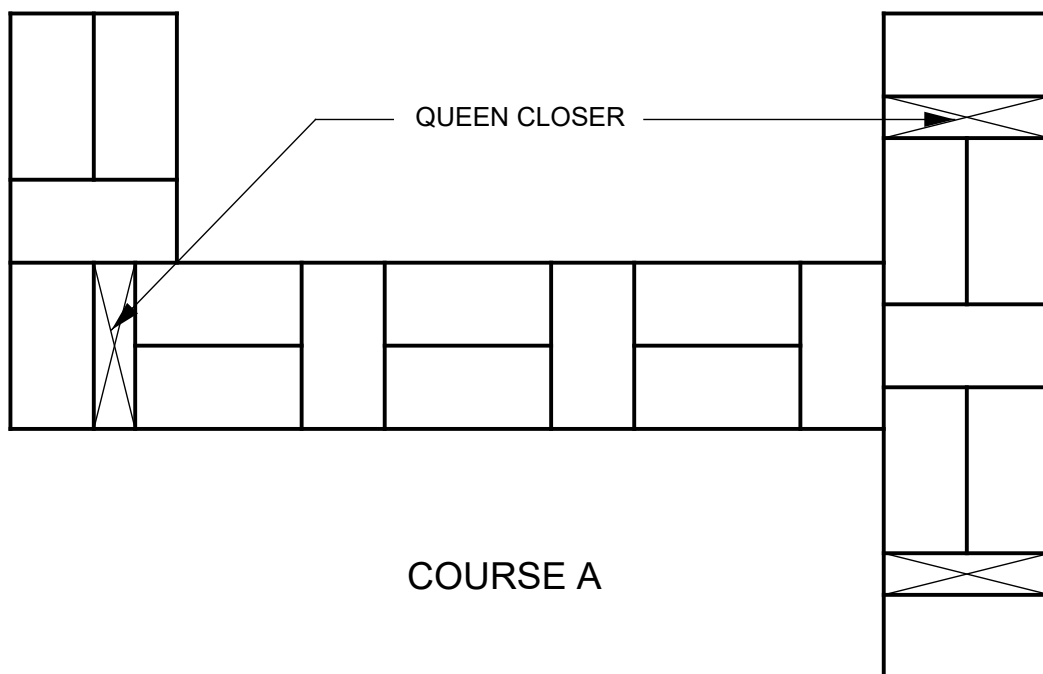
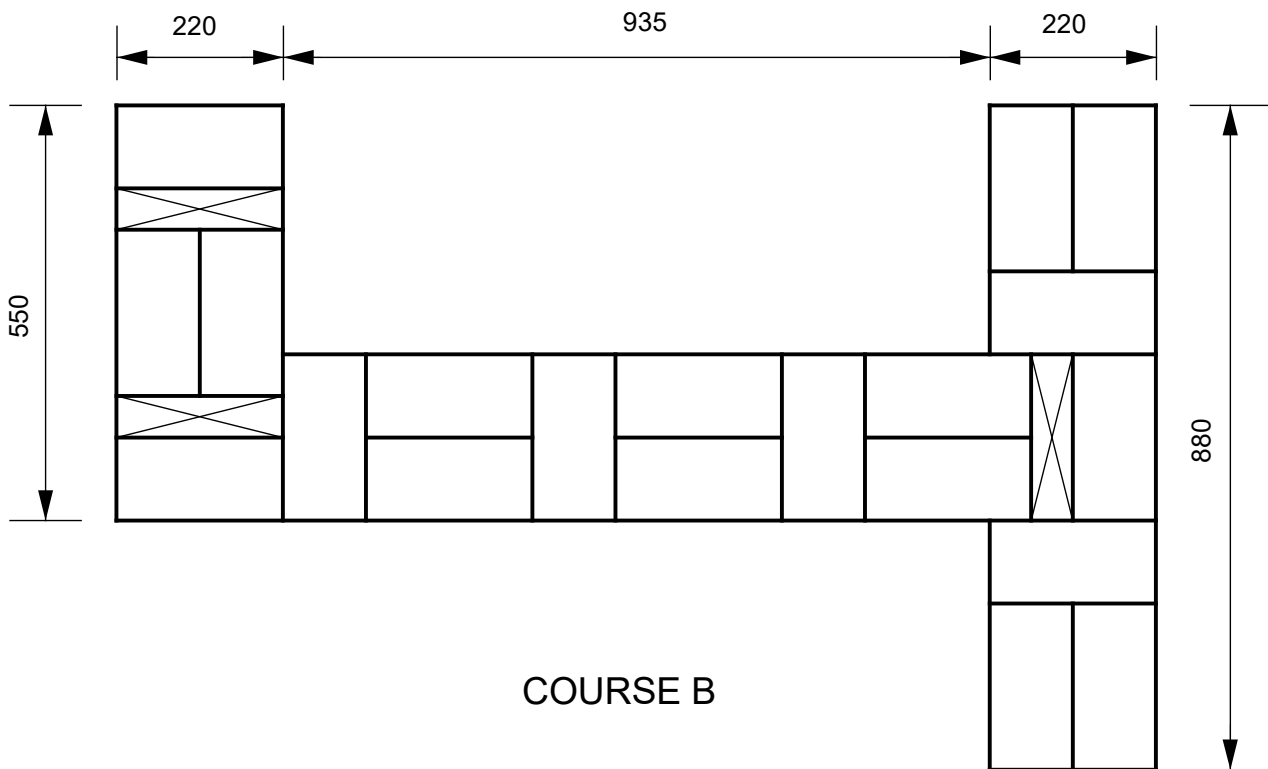
RUBRIC FOR DRAWING QUESTION 1			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Concrete foundation, Foundation wall, External wall (Superstructure), Ground level	Correct position	4	
	Hatching	3	1 x Foundation & superstructure
	Labeling	4	
Hard-core, Floor slab, Screed, Tiles,	Correct position	4	
	Hatching	3	Floor boards & wall plate
	Labeling	4	
Plaster, Skirting	Correct position	3	Plaster x 2
	Hatching	2	Plaster x 1
	Labeling	2	
Glass, Frame sill Wooden sill, Quadrant, Quarry tile, DPC	Correct position	6	
	Hatching	3	Frame sill, Wooden sill, Quadrant
	Labeling	6	
Foundation, Foundation to GL, DPC to Frame sill	Dimensions	4	Foundation x 2
	Subtotal	48	
	Divide by	4	
	Overall correctness	12	
	Accuracy	5	
	Line work	3	
Balance 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	Marker	Internal moderator	External moderator
Correct position	17			
Hatching	11			
Labeling	16			
Dimensions	4			
Subtotal	48			
Divide by	4			
Overall Correctness	12			
Accuracy	5			
Line work	3			
Balanced layout and Neatness	2			
TOTAL	22			

QUESTION 2: BRICKWORK



ALTERNATE PLAN COURSE OF A WALL BUILT IN FLEMISH BOND

SCALE 1:10

[15]

QUESTION 2

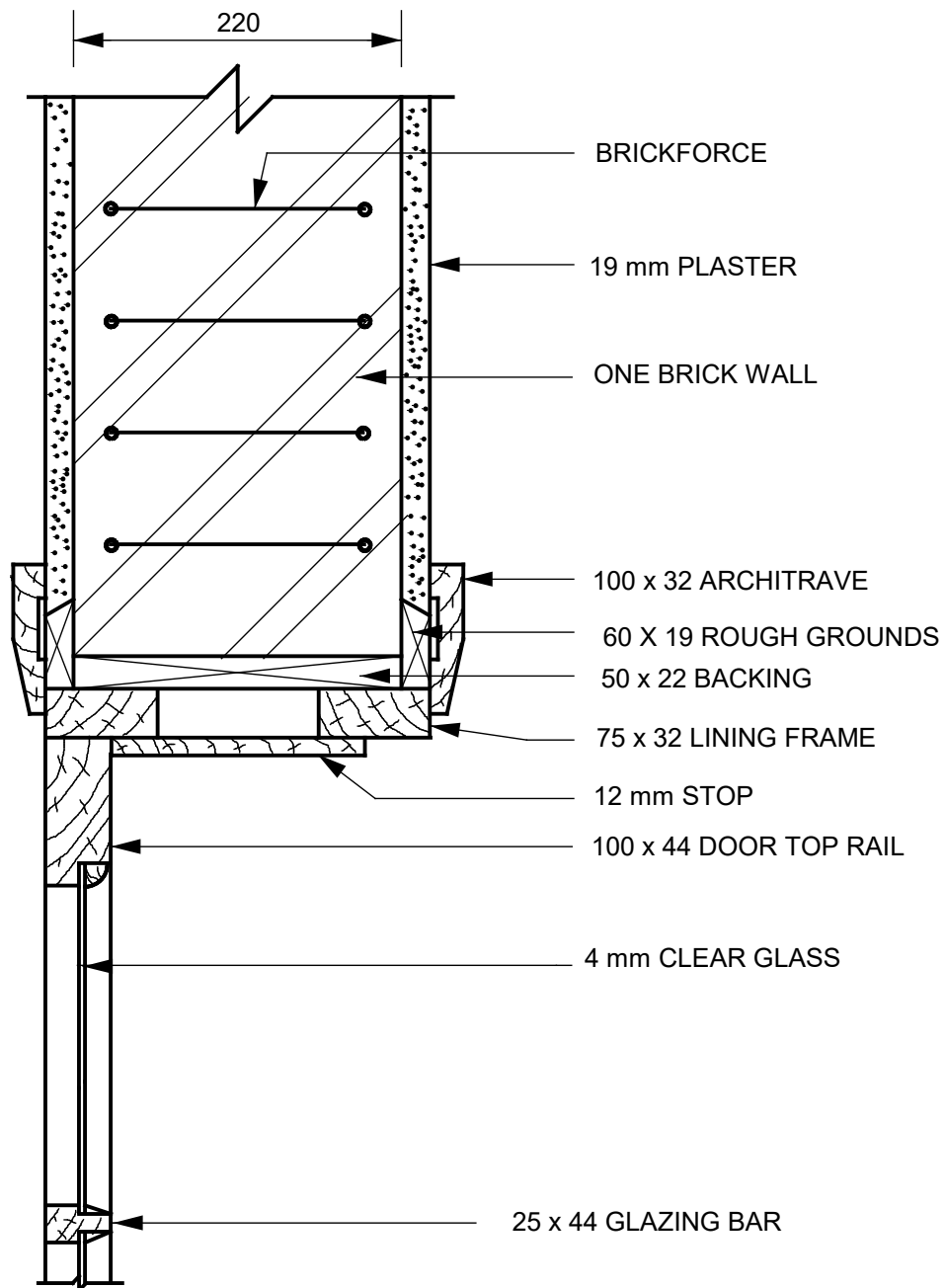
SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR DRAWING QUESTION 2			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
	Alignment	2	
Course A	Correct size	3	
	Brick pattern	2	
	Brick size	1	
	Stopped ends	3	Queen closer ends
Courses B	Correct size	3	
	Brick pattern	2	
	Brick size	1	
	Stopped ends	3	Queen closer ends
Other	Labeling	1	Queen closer
	Dimensions	3	From 1 course only
	Subtotal	24	
	Divide by	3	
	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.

SUMMARY QUESTION 2

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Alignment	2			
Correctness	6			
Brick pattern	4			
Brick size	2			
Stopped ends	6			
Labels	1			
Dimensions	3			
Subtotal	24			
Divide by	3			
Overall Correctness	8			
Accuracy	4			
Linework	2			
Balanced layout and Neatness	1			
TOTAL	15			

QUESTION 3: ARCHES AND LINTELS

VERTICAL SECTION THROUGH Y-Y

SCALE 1:5

[15]

QUESTION 3

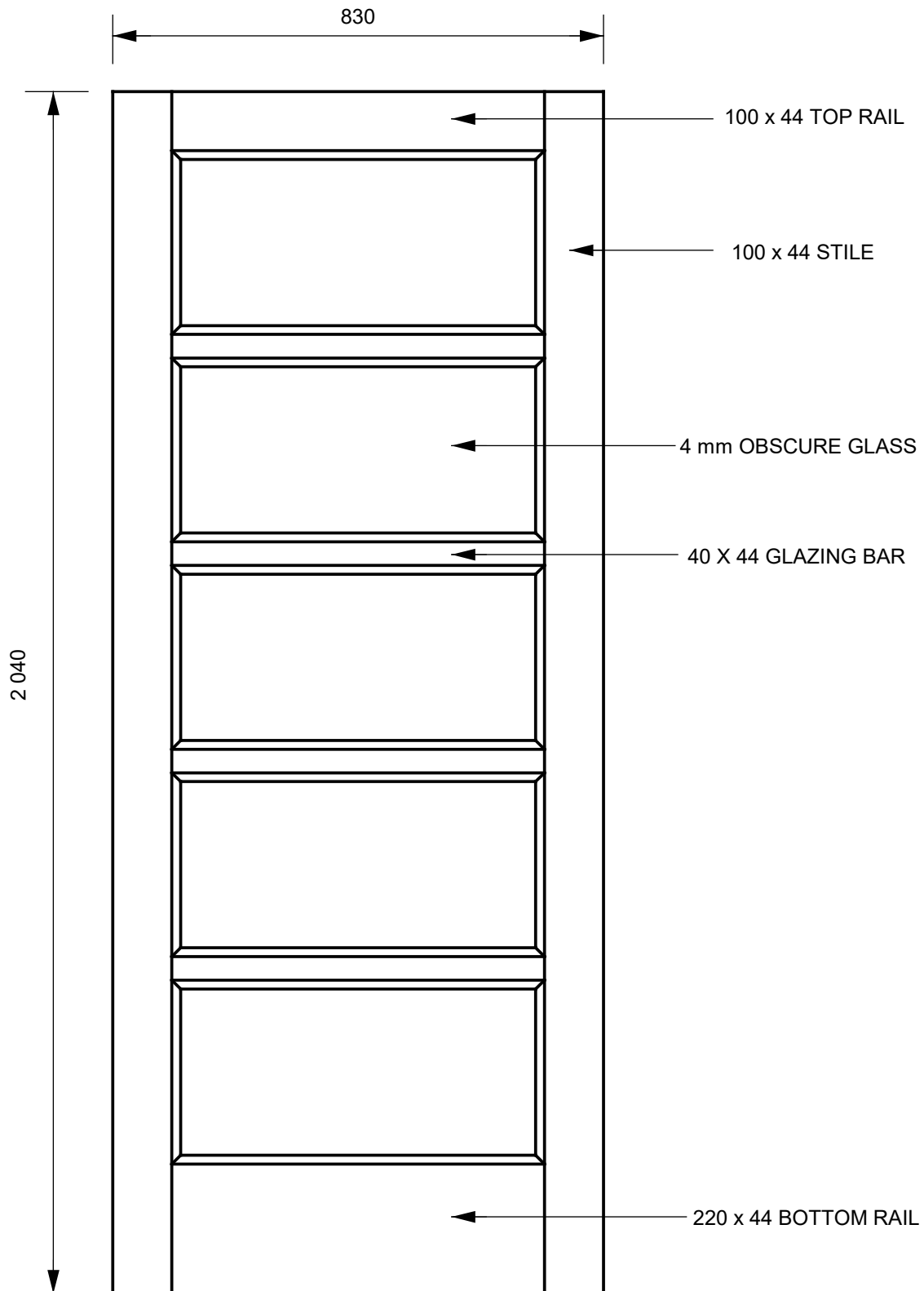
SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR DRAWING QUESTION 3			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Wall, Plaster, Brick-force	Correct position	3	
	Hatching	2	
	Labeling	3	
Grounds, Backing, Architrave, Lining, Stop	Correct position	5	
	Hatching	5	
	Labeling	5	
Door top rail, Glass, Glazing bar	Correct position	3	
	Hatching	2	
	Labeling	3	
Other	Dimensioning	1	
	Subtotal	32	
	Divide by	4	
	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.

SUMMARY QUESTION 2

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correctness	11			
Hatching	9			
Labelling	11			
Dimensioning	1			
Subtotal	32			
Divide by	4			
Overall Correctness	8			
Accuracy	4			
Line work	2			
Balanced layout and Neatness	1			
TOTAL	15			

QUESTION 4: DOORS

FRONT ELEVATION OF A FIVE PANELS DOOR
SCALE 1:10

[10]

QUESTION 4

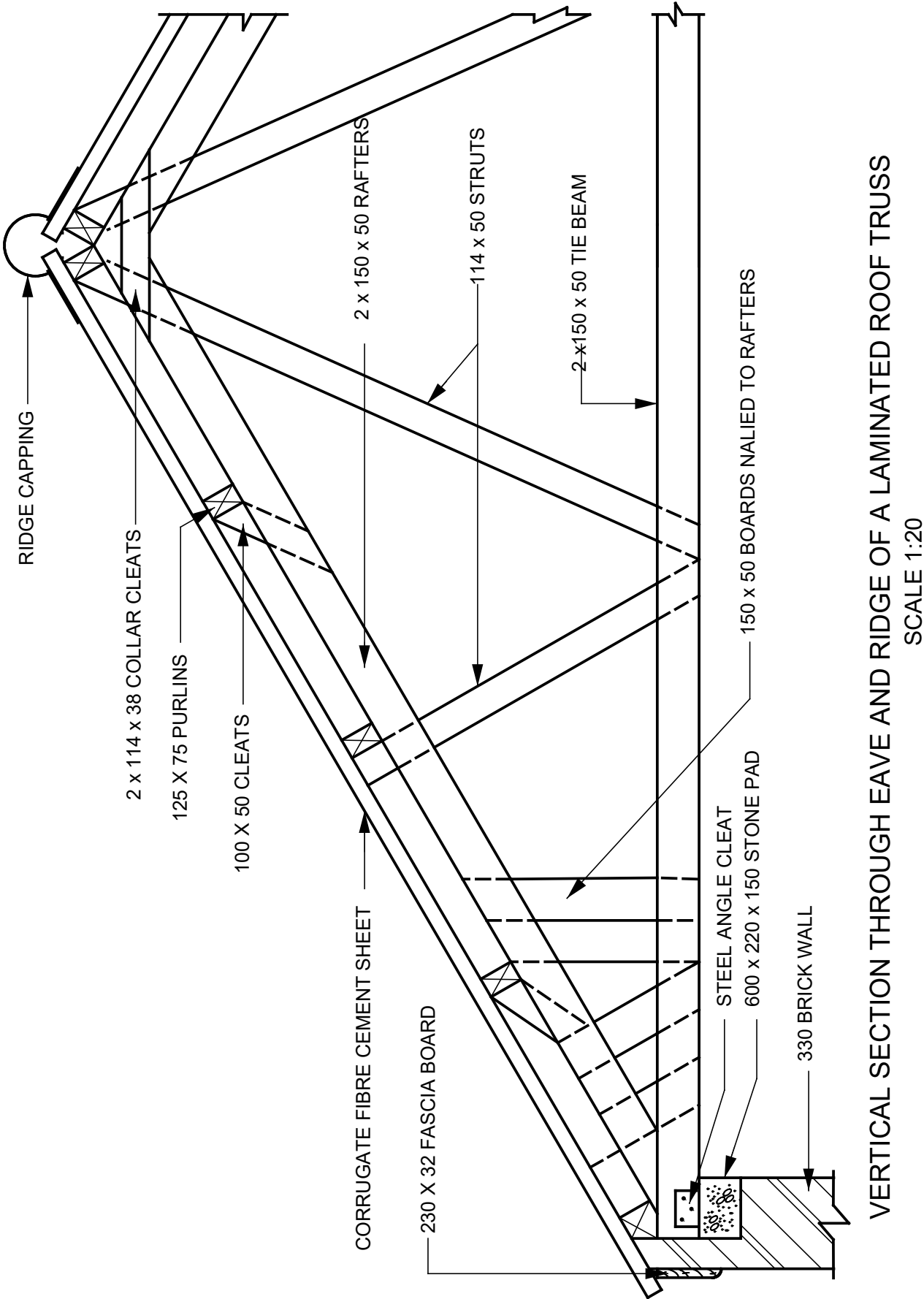
RUBRIC FOR DRAWING QUESTION 4			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Top rail	Correct position	1	
	Labeling	1	
Bottom rail	Correct position	1	
	Labeling	1	
Stile	Correct position	2	
	Labeling	1	
Glazing bar	Correct position	4	
	Labeling	1	
Obscured glass	Correct position	5	
	Labeling	1	
	Dimensions	2	
	Subtotal	20	
	Divide by	4	
	Overall correctness	5	
	Accuracy	3	
	Line work	1	
Balance layout and neatness		1	
	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.

SUMMARY QUESTION 4

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	13			
Labelling	5			
Dimensions	2			
Subtotal	20			
Divide by	4			
Overall Correctness	5			
Accuracy	3			
Line work	1			
Balanced layout and Neatness	1			
TOTAL	10			

QUESTION 5: ROOFS AND ROOF COVERING



QUESTION 5

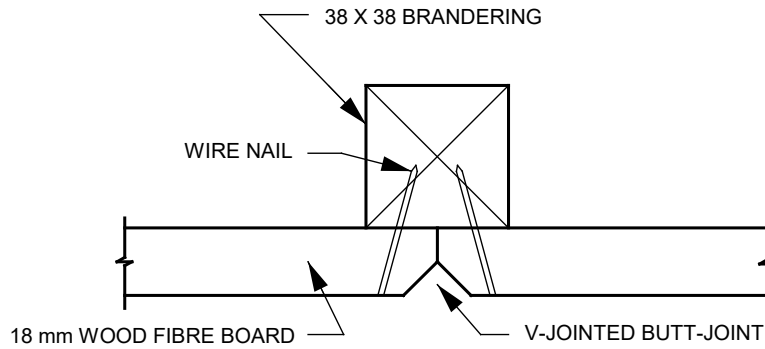
RUBRIC FOR DRAWING QUESTION 4			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Wall, Stone pad, Angle cleat	Correct position	3	
	Hatching	2	Wall and stone pad
	labeling	3	
Rafters, Struts, Boards nailed to rafters & tie beam, Purlins, Purlin cleats, Collar cleat	Correct position	10	Purlin x 5
	Hatching	1	Purlin
	labeling	6	
Covering, Ridge cap, Fascia	Correct position	3	
	Hatching	1	Fascia
	labeling	3	
	Roof pitch Correct	1	
	Subtotal	33	
	Divide by	3	
	Overall correctness	11	
	Accuracy	5	
	Line work	3	
Balance layout and neatness		1	
	TOTAL	20	

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 5

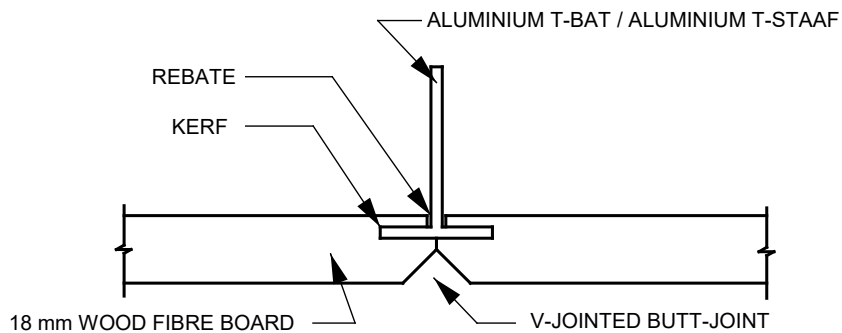
Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	16			
Hatching	4			
Labeling	12			
Dimensions	1			
Subtotal	33			
Divide by	3			
Overall Correctness	11			
Accuracy	5			
Line work	3			
Balanced layout and Neatness	1			
TOTAL	20			

QUESTION 6: CEILINGS



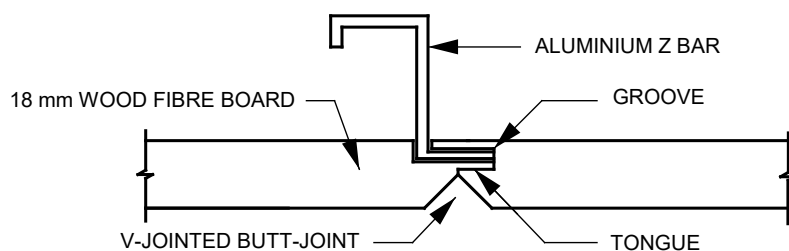
SECTIONAL VIEW OF A WOOD FIBRE BOARD CEILING BUTT JOINT

(6)



SECTIONAL VIEW OF A CONCEALED JOINT BETWEEN CHAMFERED, KERFED AND REBATED PANELS

(6)



SECTIONAL VIEW OF A CONCEALED JOINT BETWEEN TONGUED & GROOVE & V JOINTED PANELS

(6)
[18]

QUESTION 5

RUBRIC FOR DRAWING QUESTION 4			
PART OF THE DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
6.1 Fibre board, Nails, Brandering, V-Joint	Correct position	6	Fibre board and Nails x 2
	Hatching	1	
	labeling	4	
	Title	1	
	Subtotal	12 ÷ 2	
	Total	6	
6.2 Fibre board, Rebate, Kerf, T-Bar, V-Joint	Correct position	6	Fibre board x 2
	Labeling	5	
	Title	1	
	Subtotal	12 ÷ 2	
	Total	6	
6.3 Fibre board, Z-Bar, Groove, V-joint, Tongue.	Correct position	6	Fibre board x 2
	Labeling	5	
	Title	1	
	Subtotal	12 ÷ 2	
	Total	6	
	Overall 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.

SUMMARY QUESTION 5

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	18			
Hatching	1			
Labeling	14			
Title	3			
Subtotal	36			
Divide by	2			
TOTAL	18			

TOTAL: 100