



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

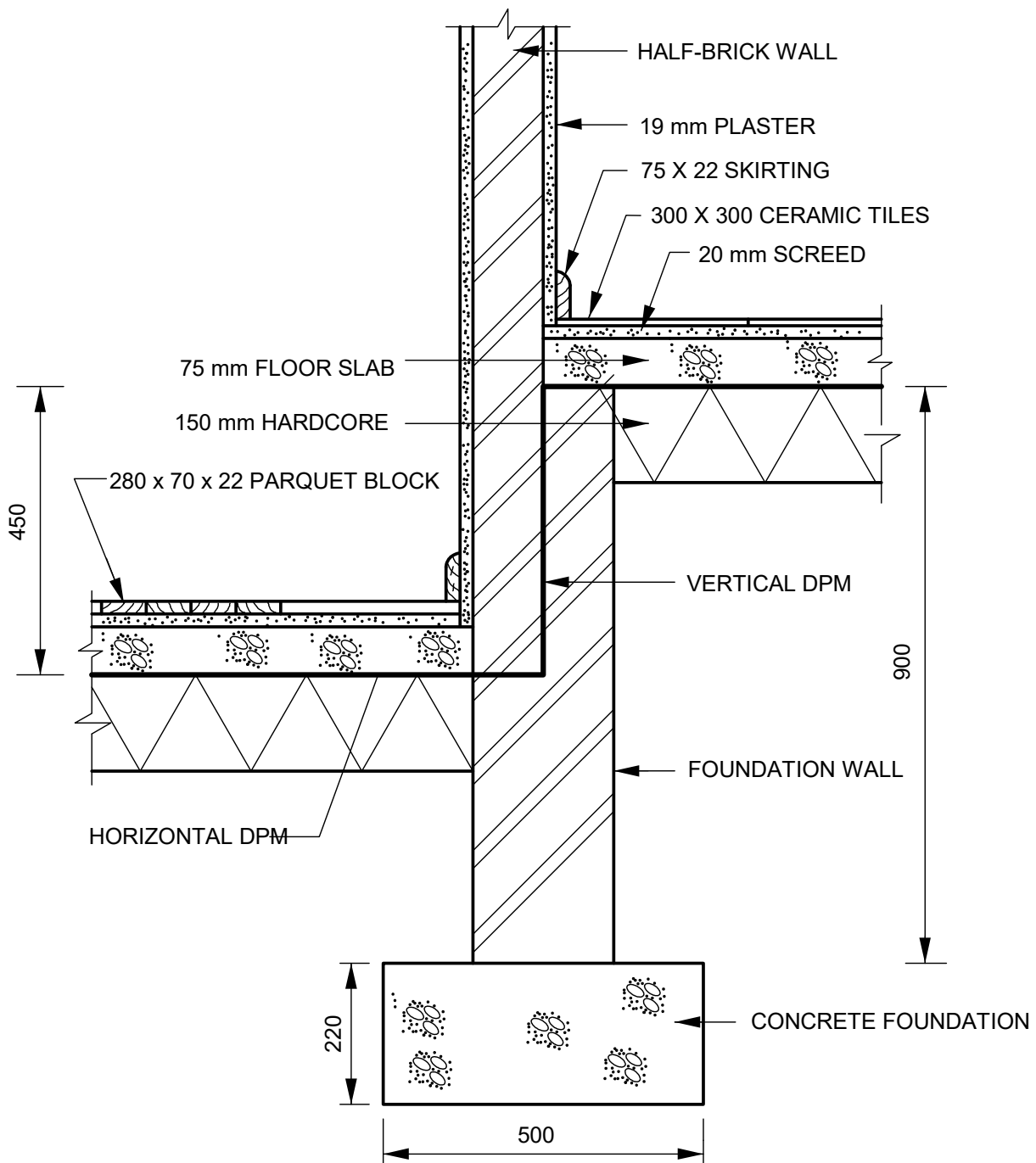
MARKING GUIDELINE

NATIONAL CERTIFICATE

BUILDING DRAWING N2

22 NOVEMBER 2023

This marking guideline consists of 11 pages.

QUESTION 1**VERTICAL SECTION THROUGH X-X**

SCALE 1:10

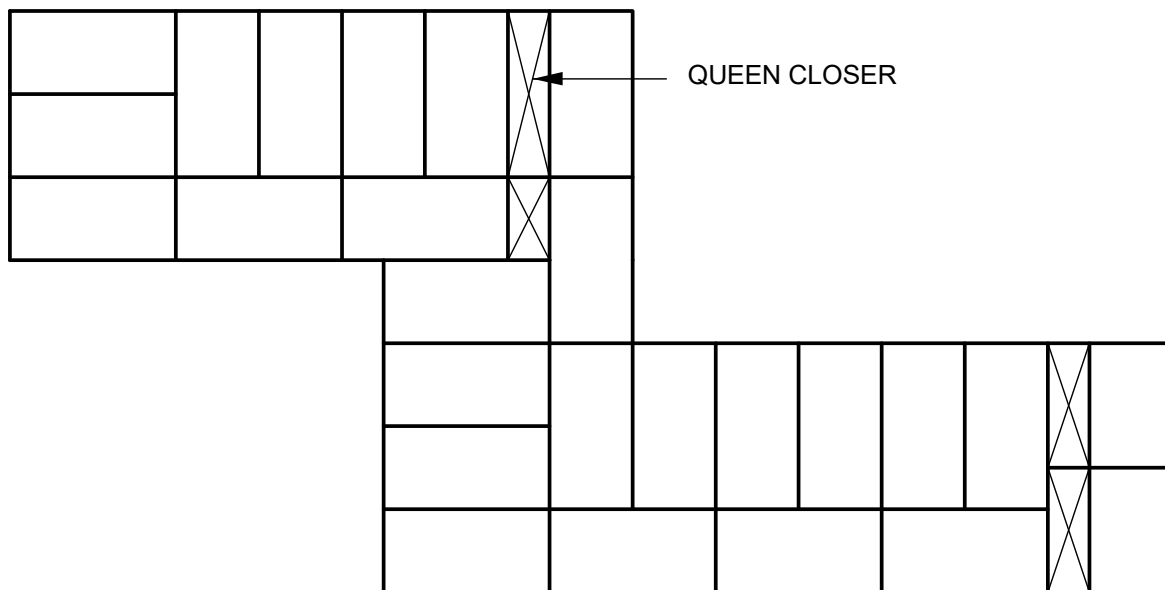
QUESTION 1

SEE DRAWINGS FOR MODEL ANSWER

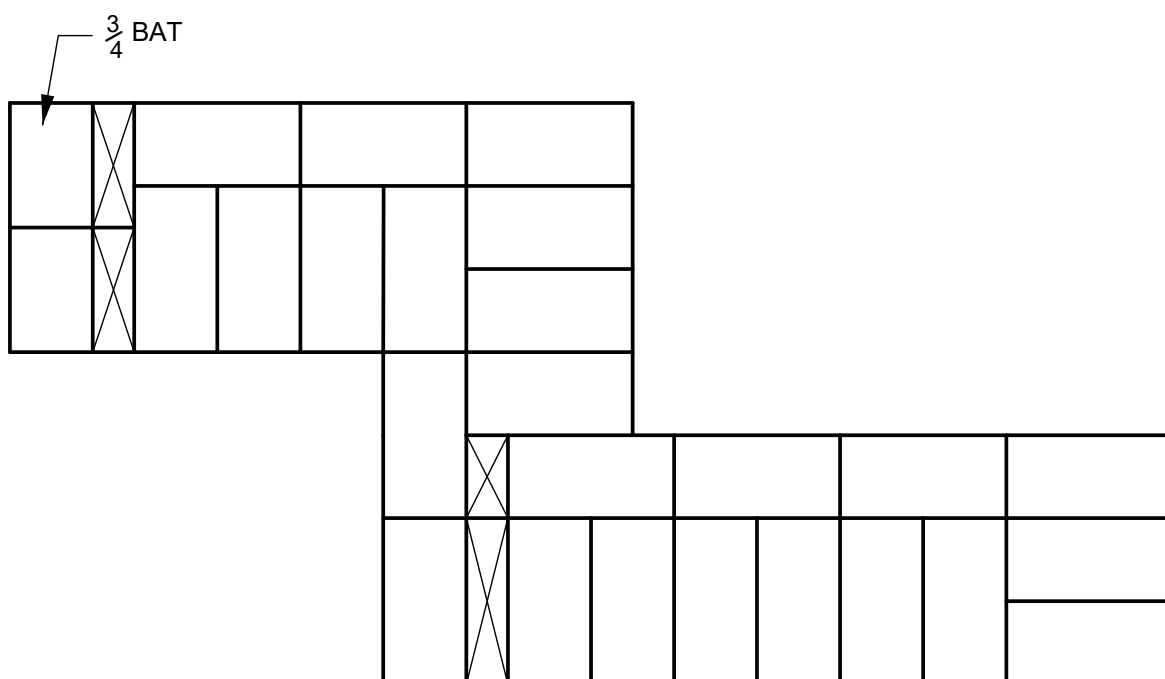
RUBRIC FOR DRAWING					
Part of the drawing	Marking Criteria	Possible Mark	Marker	Internal Moderator	External Moderator
Concrete foundation, Foundation wall, internal wall,	Correct position	3			
	Hatching	2			
	Labelling	3			
Hardcore, floor slab and screed	Correct position	6			
	Hatching	3			
	Labelling	3			
Plaster, skirting, ceramic tiles, parquet block	Correct position	6			
	Hatching	3			
	Labelling	4			
Vertical DPM, horizontal DPM	Correct position	3			
	Labelling	2			
	Dimensions	4			
	Subtotal	42			
	Divide by	3			
Overall correctness		14			
	Accuracy	6			
	Line work	4			
Balance layout and neatness		2			
	TOTAL	26			

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

QUESTION 2



COURSE A



COURSE B

ALTERNATE PLAN COURSE OF ONE-HALF- BRICK WALL
BUILT IN ENGLISH BOND CORNER

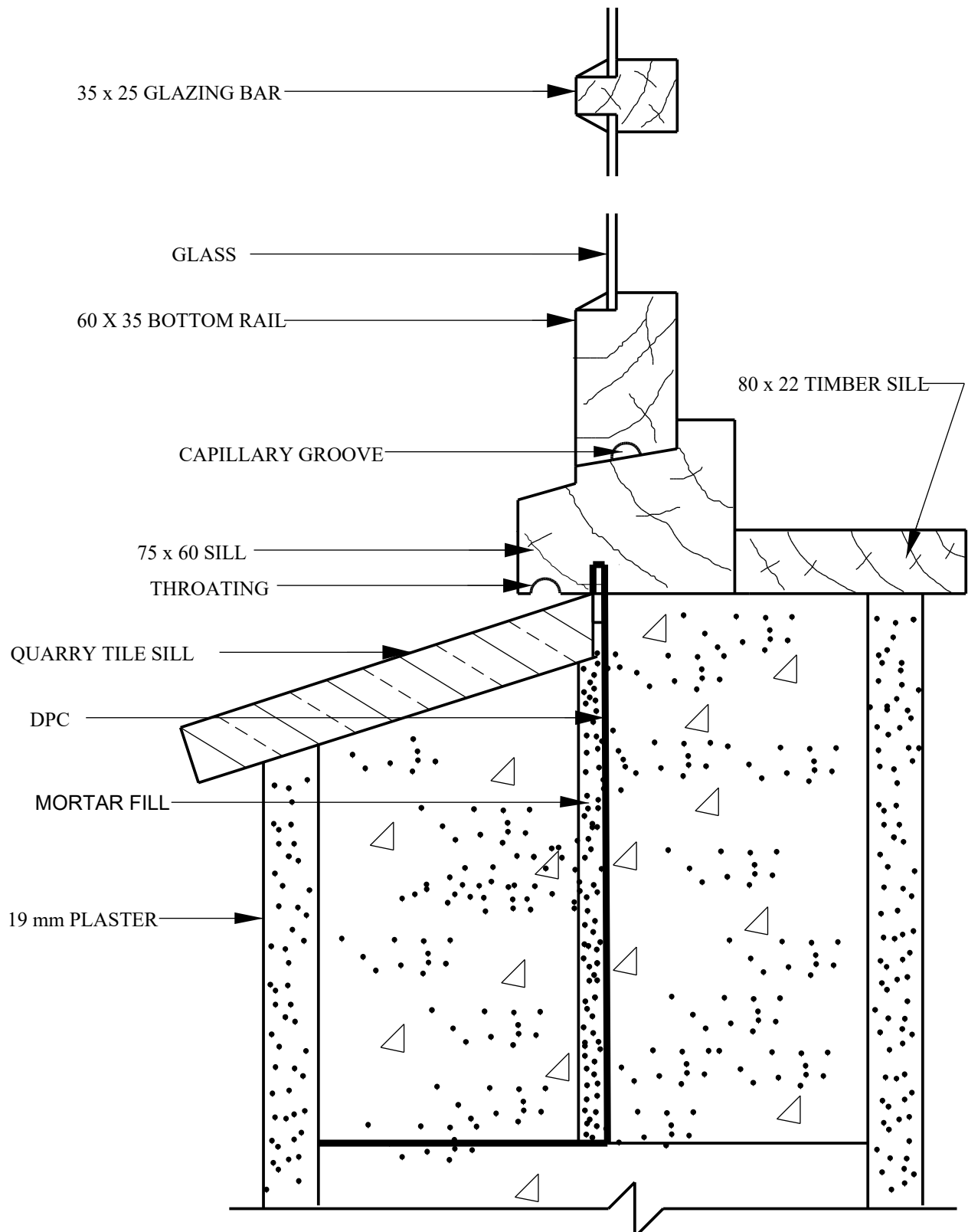
SCALE 1:10

QUESTION 2

SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR DRAWING					
Part of the drawing	Marking Criteria	Possible Mark	Marker	Internal Moderator	External Moderator
Alternate plan	Courses aligned	3			
Course A	Correct size	3			
	Brick pattern	2			
	Brick size	1			
	Stopped ends	2			
Courses B	Correct size	3			
	Brick pattern	2			
	Brick size	1			
	Stopped ends	2			
Other	Labelling, title, scale	5			
	Subtotal	24			
	Divide by	3			
Overall correctness		8			
	Accuracy	4			
	Line work	3			
Balance layout and neatness		2			
	TOTAL	17			

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

QUESTION 3

VERTICAL SECTION THROUGH GLAZING BAR, WINDOW SILL AND WALL

SCALE 1:2

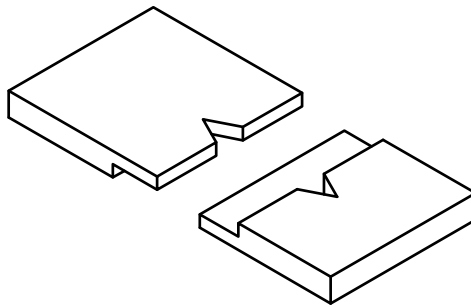
QUESTION 3

SEE DRAWINGS FOR MODEL ANSWER

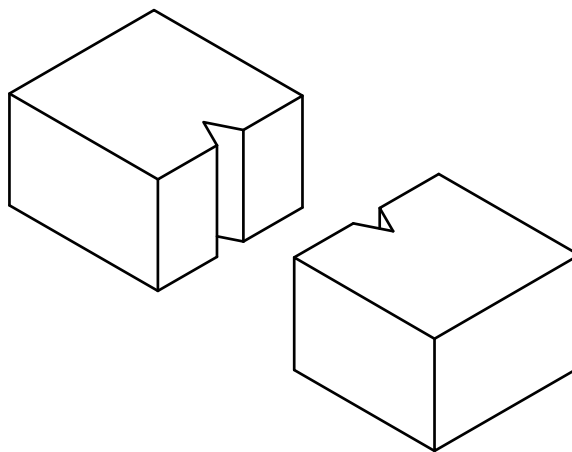
RUBRIC FOR DRAWING					
Part of the drawing	Marking Criteria	Possible Mark	Marker	Internal Moderator	External Moderator
Wall, plaster, quarry tile sill	Correct position	4			
	Hatching	4			
	Labelling	3			
Windowsill, bottom rail, glazing bar, glass	Correct position	4			
	Hatching	3			
	Labelling	4			
DPC, capillary groove, throating	Correct position	3			
	Labelling	3			
Other	Title, scale	2			
	Subtotal	30			
	Divide by	3			
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 may be allocated for hatching of that component.

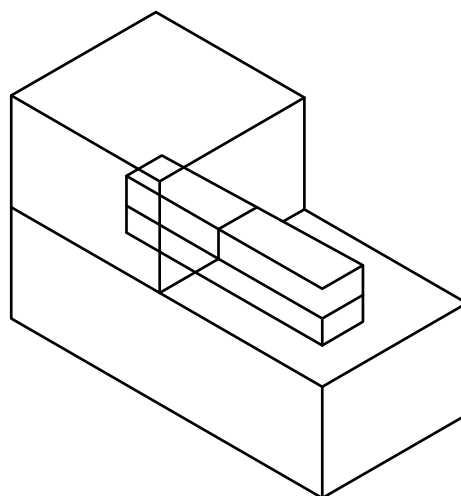
QUESTION 4



REBATED JOINT WITH JOGGLE



V - JOGGLE



TABLING JOINT WITH SLATE JOGGLE

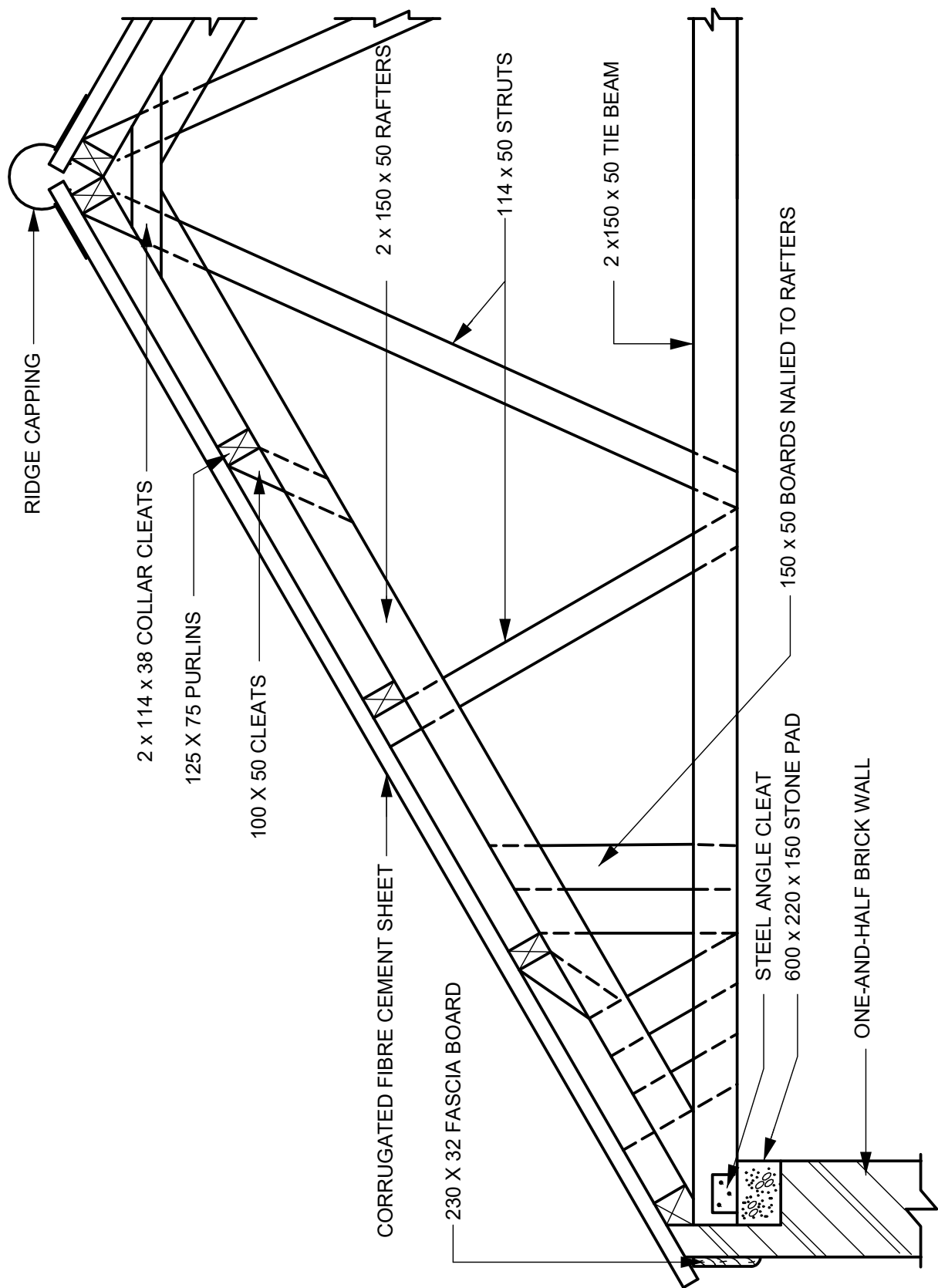
QUESTION 5

SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR DRAWING					
Part of the drawing	Marking Criteria	Possible Mark	Marker	Internal Moderator	External Moderator
Rebated joint with joggle	Drawing Isometric	1			
	Drawing correct	2			
	Line work	1			
	Title correct	1			
V-joggle	Drawing Isometric	1			
	Drawing correct	2			
	Line work	1			
	Title correct	1			
Tabling joint with slate joggle	Drawing Isometric	1			
	Drawing correct	2			
	Line work	1			
	Title correct	1			
	TOTAL	15			

NOTE: NO marks should be allocated for any drawing that is incorrect. If drawing is NOT isometric but correct, 1 mark must be given for drawing correct, line work and title.

QUESTION 5



VERTICAL SECTION THROUGH EAVE AND RIDGE OF A LAMINATED ROOF TRUSS

SCALE 1:20

QUESTION 5

SEE DRAWINGS FOR MODEL ANSWER

RUBRIC FOR DRAWING					
Part of the drawing	Marking Criteria	Possible Mark	Marker	Internal Moderator	External Moderator
Wall, stone pad, steel angle cleat	Correct position	3			
	Hatching	2			
	Labelling	3			
Rafter, tie beam, struts, cleats, boards, collar	Correct position	6			
	Labelling	6			
Purlins, roof covering, ridge cap, fascia	Correct position	4			
	Hatching	2			
	Labelling	4			
	Subtotal	30			
	Divide by	2			
Overall correctness		15			
	Accuracy	5			
	Line work	3			
Balance layout and neatness		1			
	TOTAL	24			

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

TOTAL: 100