



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

BUILDING DRAWING N3

19 November 2020

This marking guideline consists of 18 pages.

NOTE: Do not allocate marks for any part of the drawing in the incorrect position other than the marks allocated for the hatching of that component.

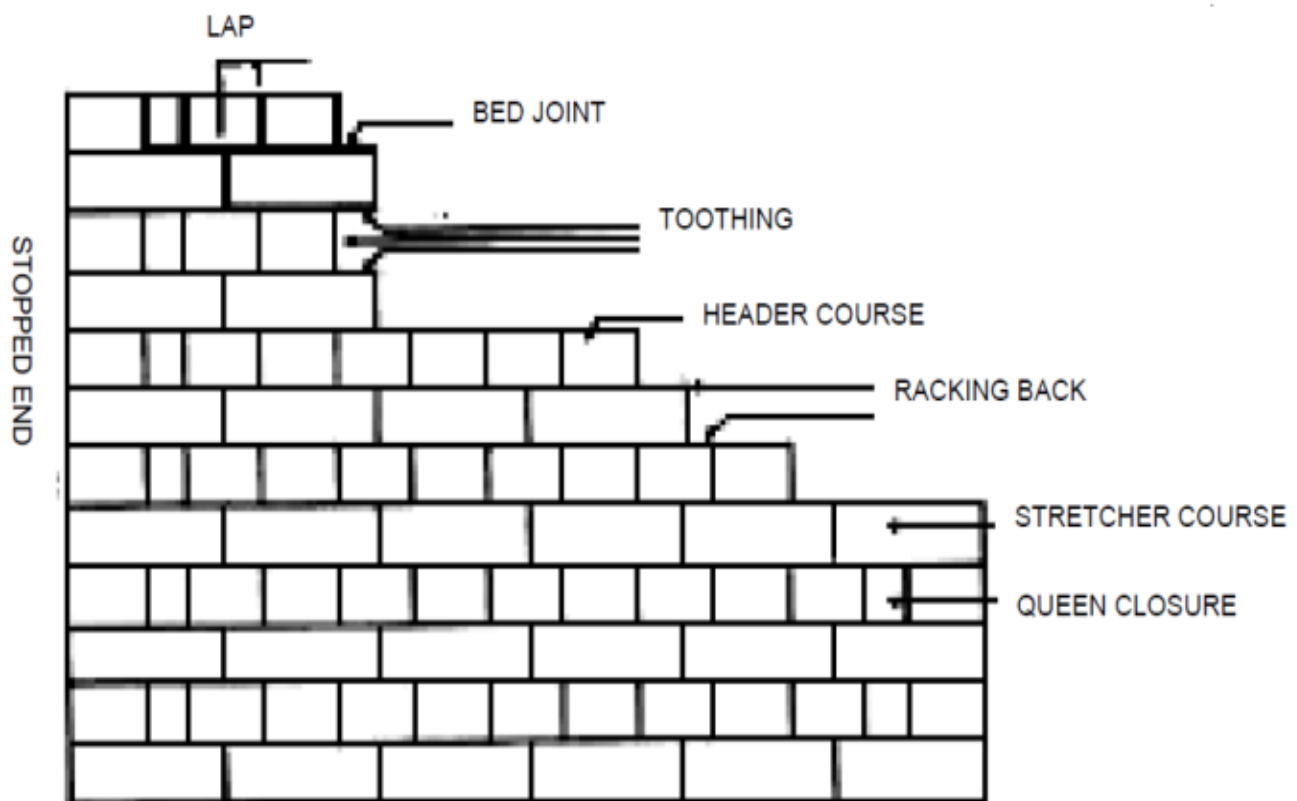
Allocate marks for neatness, correct title and scale even if the drawing is completely incorrect.

QUESTION 1

- 1.1 True
- 1.2 False
- 1.3 False
- 1.4 True
- 1.5 True

(5 × 2) [10]

QUESTION 2: BRICKWORK



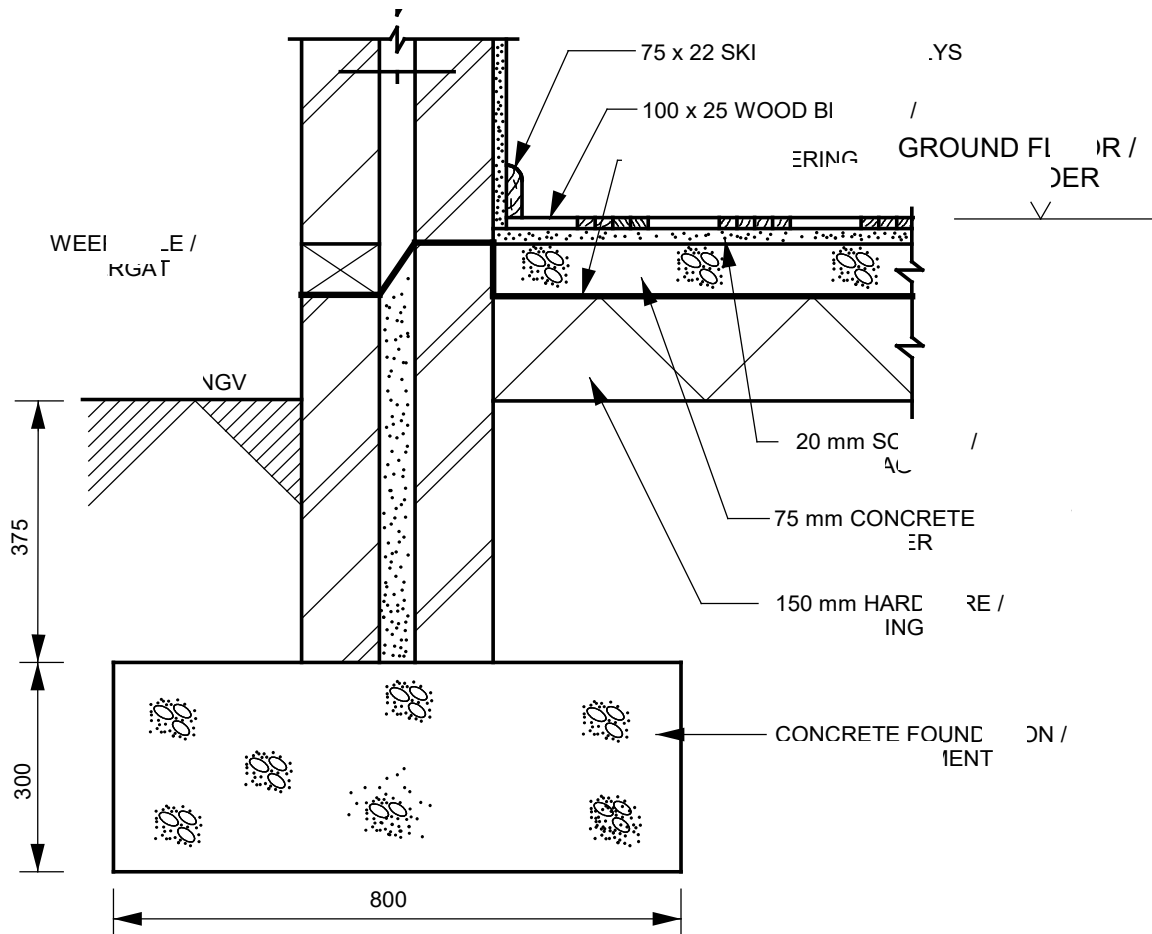
**FRONT ELEVATION OF ENGLISH BOND
SCALE 1:10**

QUESTION 2: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Stopped end, lap joint, bed joint, toothing racking back, stretcher course, header course, queen closure twelve courses high	Correct position	9	
	Dimensioning	2	
	Labelling	9	
Bricks	Correct bond	4	
	Subtotal	24	
	Divided by	2	
Overall correctness		12	
Scale		1	
Title		1	
Balanced layout and neatness		1	
TOTAL:		15	

SUMMARY QUESTION 2

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	6			
Labels	2			
Dimensions	14			
Bond	4			
Subtotal	26			
Divided by	2,89			
Overall correctness	9			
Line work	4			
Accuracy	1			
Balanced layout and neatness	1			
TOTAL:	15			

[15]

QUESTION 3: GROUND FLOOR CONSTRUCTION

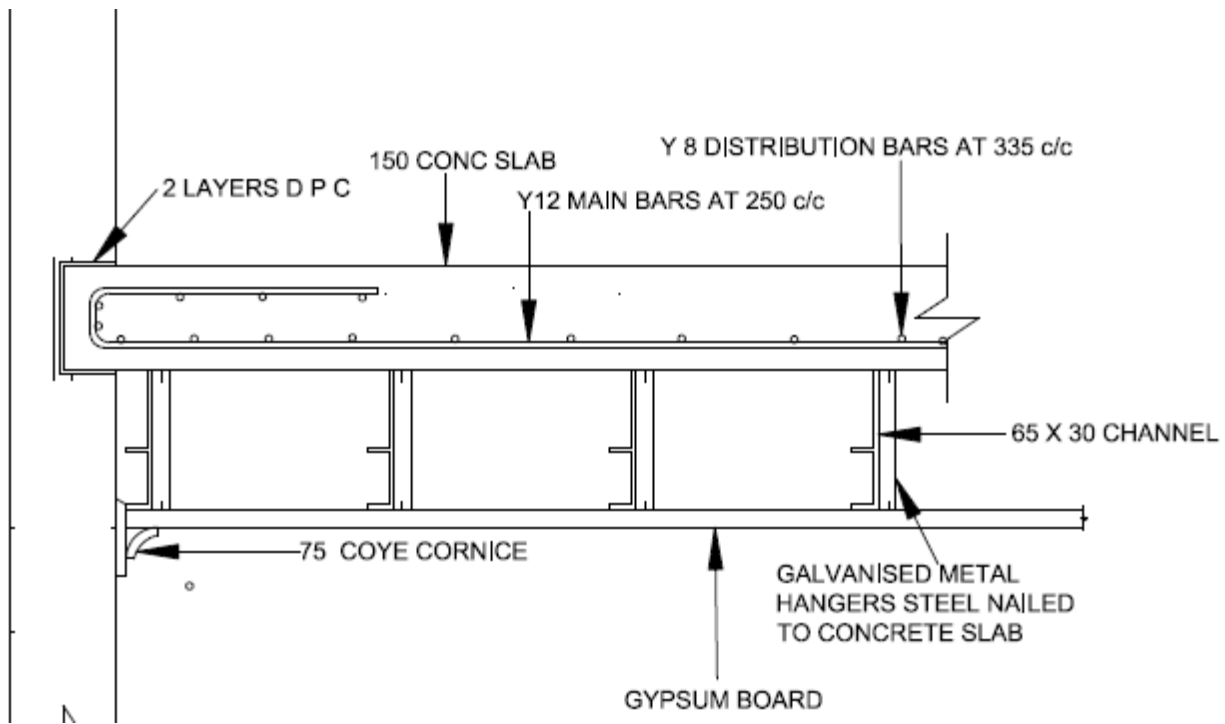
VERTICAL SECTION THROUGH THE GROUND AND FOUNDATION
SCALE 1:10

QUESTION 3: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Foundation, hard core, concrete floor	Correct position	3	
	Dimensioning	3	
	Labelling	3	
	Hatching	3	
Ground floor screed, floor finish, skirting	Correct position	3	
	Dimensioning	3	
	Labelling	3	
	Hatching	3	
Wall, tie wires, plaster	Correct position	3	
	Dimensioning	2	wall and plaster
	Labelling	3	
	Hatching	2	wall and plaster
DPC, weeping hole, ground level	Correct position	3	
	Dimensioning	1	regulation
	Labelling	3	
	Hatching	1	ground level
Subtotal		42	
Divided by		3,5	
Overall correctness		12	
Overall impression		1	
Title		1	
Scale		1	
TOTAL:		15	

SUMMARY QUESTION 3

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	12			
Dimensions	9			
Labels	12			
Hatching	9			
Subtotal	42			
Divided by	3,5			
Overall correctness	12			
Overall impression	1			
Title	1			
Scale	1			
TOTAL:	15			

[15]

QUESTION 4: CONCRETE SLAB WITH SUSPENDED CEILING

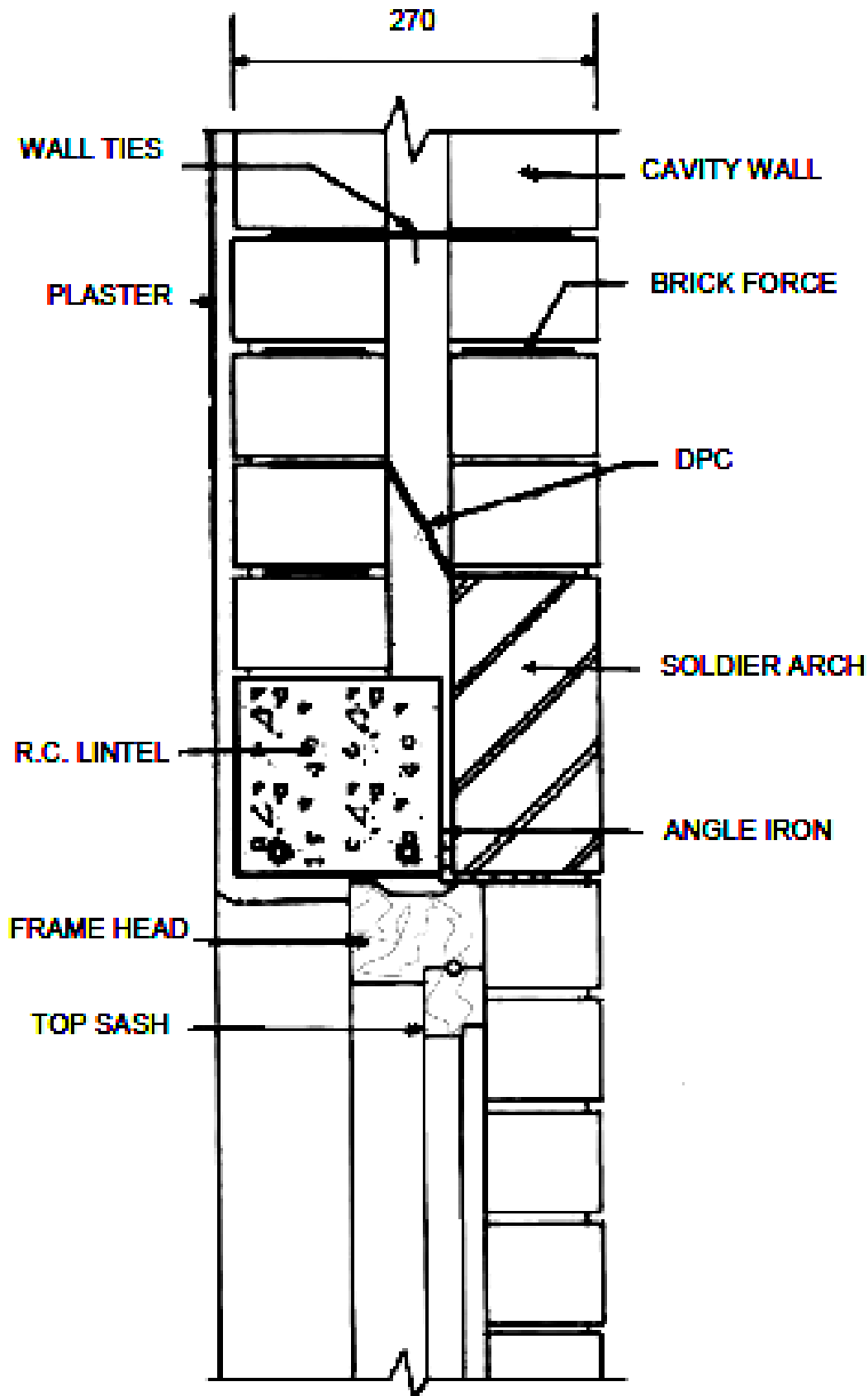
QUESTION 4: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Ceiling board, cornice, channel, hangers,	Correct position	4	
	Dimensioning	4	
	Labelling	4	
	Hatching	4	
Concrete slab, screed, floor finish, skirting	Correct position	4	
	Dimensioning	4	
	Labelling	4	
	Hatching	4	
Wall, tie wires, plaster	Correct position	2	
	Dimensioning	2	wall and plaster
	Labelling	3	
	Hatching	2	wall and plaster
DPC, brick force	Correct position	3	
	Dimensioning	1	regulation
	Labelling	3	
	Hatching	2	ground level
Subtotal		50	
Divided by		3,125	
Overall correctness		16	
Overall impression		2	
Title		1	
Scale		1	
TOTAL:		20	

SUMMARY QUESTION 4

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	13			
Dimensions	11			
Labels	14			
Hatching	12			
Subtotal	50			
Divided by	3,125			
Overall correctness	16			
Overall impression	2			
Title	1			
Scale	1			
TOTAL:	20			

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QUESTION 5: CASEMENT WINDOW FRAME HEAD

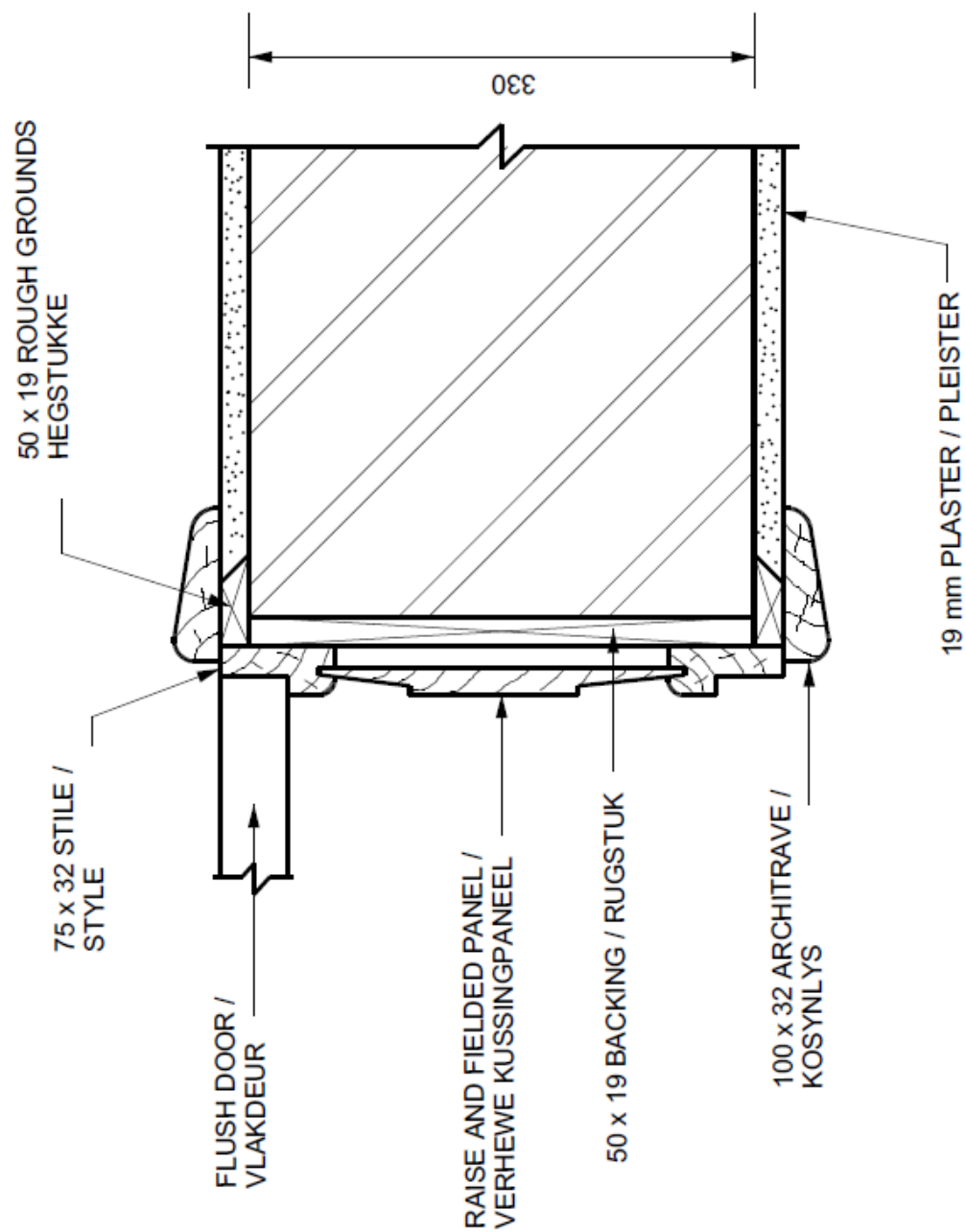


QUESTION 5: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Wall and plaster	Correct position	3	
	Dimensioning	3	
	Labelling	3	
	Hatching	3	Both skins
Concrete lintel and soldier arch	Correct position	4	
	Dimensioning	2	
	Labelling	2	
	Hatching	2	
DPC and tie wires	Correct position	4	
	Dimensioning	2	
	Labelling	2	
	Hatching		
Head of frame and top rail	Correct position	4	
	Dimensioning	2	
	Labelling	2	
	Hatching	2	
Glass	Correct position	1	
	Dimensioning	1	
	Labelling	1	
	Hatching	1	
Subtotal		44	
Divided by		4,4	
Overall correctness		10	
Line work		3	
Accuracy		4	
Balanced layout and neatness		3	
TOTAL:		20	

SUMMARY QUESTION 5

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	16			
Dimensions	10			
Labels	10			
Hatching	8			
Subtotal	44			
Divided by	4,4			
Overall correctness	10			
Line work	3			
Accuracy	4			
Balanced layout and neatness	3			
TOTAL:	20			

[20]

QUESTION 6: SKELETON JAMB LINING

HORIZONTAL SECTION THROUGH A SKELETON JAMB LINING SCALE 1:5

HORIZONTAL SNIT DEUR 'N SKELETBINNE KOSYN SKAAL 1:5

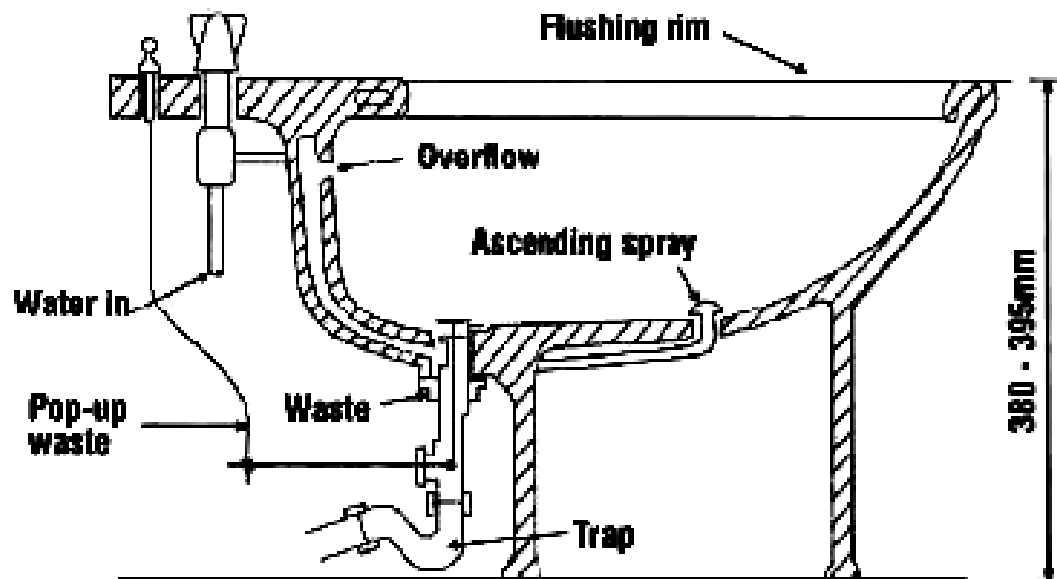
QUESTION 6: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Wall and plaster	Correct position	4	
	Dimensioning	2	
	Labelling	2	
	Hatching	2	
Backing and rough grounds	Correct Position	4	
	Dimensioning	2	
	Labelling	2	
	Hatching	2	
Stile and door	Correct Position	4	
	Dimensioning	2	
	Labelling	2	
	Hatching	1	Stile
Raised and fielded panel	Correct Position	4	
	Dimensioning	2	
	Labelling	1	
	Hatching	1	
Architrave	Correct position	4	
	Dimensioning	2	
	Labelling	1	
	Hatching	1	
Subtotal		45	
Divided by		9	
Overall correctness		5	
Line work		1	
Accuracy		3	
Balanced layout and neatness		1	
TOTAL:		10	

SUMMARY QUESTION 6

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	20			
Dimensions	10			
Labels	8			
Hatching	7			
Subtotal	45			
Divided by	9			
Overall correctness	5			
Line work	1			
Accuracy	3			
Balanced layout and neatness	1			
TOTAL:	10			

[10]

QUESTION 7: PLUMBING



QUESTION 7: RUBRIC			
PART OF DRAWING	MARKING CRITERIA	POSSIBLE MARK	REMARKS
Flushing rim, overflow, ascending spray, water inlet, pop-up waste and waste	Correct position	6	
	Dimensioning	1	
	Labelling	6	
	Hatching	1	
	Subtotal	14	
	Divide by	7	
Overall correctness		7	
Title		1	
Balanced layout and neatness		2	
TOTAL:		10	

SUMMARY QUESTION 7

Marking criteria	Possible mark	Marker	Internal moderator	External moderator
Correct position	6			
Dimensioning	1			
Labelling	6			
Hatching	1			
Subtotal	14			
Divide by	7			
Overall correctness	7			
Title	1			
Balanced layout and neatness	2			
TOTAL:	10			

[10]

TOTAL: 100