

SENIOR CERTIFICATE EXAMINATIONS/ NATIONAL SENIOR CERTIFICATE EXAMINATIONS

ENGINEERING GRAPHICS AND DESIGN P1

2021

MARKING GUIDELINES

MARKS: 100

These marking guidelines consist of 7 pages.

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ANSWERS			
_1	DRAW/PREPARE SITE PLAN	1	
2	INK-ON (PTY) LTD	1	
3	2020-11-18	1	
4	1:300	1	
5	www.druloffarch.co.za	1	
6	6000	1	
7	STAPLE STREET	1	
8	5	1	
9	METRES (m) and MILLIMETRES (mm)	2	
10	DASH LINE/HIDDEN DETAIL		
11	INCLINE/UP		
12	EARTH/LIGHTNING CONDUCTOR	1	
13	STORMWATER DRAIN	1	
14	мн	1	
15	BLUE	1	
16	SOUTH EAST	2	
17	3 or 3:48	2	
18		3	
19	See below	4	
20		3	
	TOTAL	30	

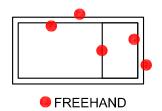
ANSWER 18 Show ALL calculations.

ANSWER 19 Show ALL calculations. APPLYING CORRECT FORMULE ✓ ✓

=
$$(6 \times 6) + (10.5 \times 12) + (8.75 \times 4.5) + (6 \times 6)$$

= $237.38 \checkmark m^2 \checkmark$

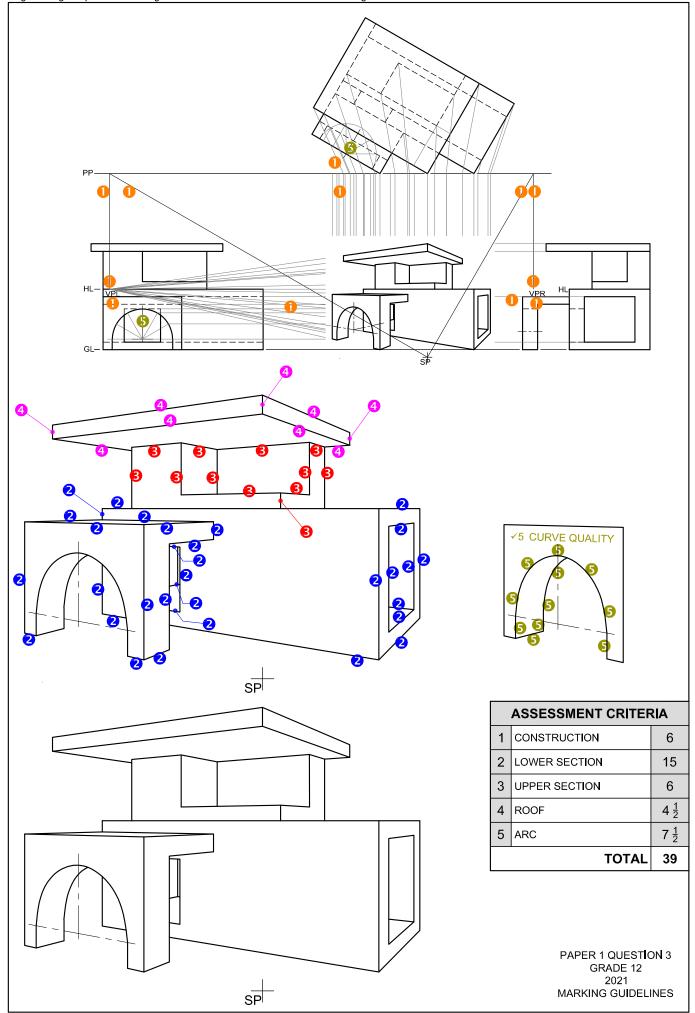
ANSWER 20

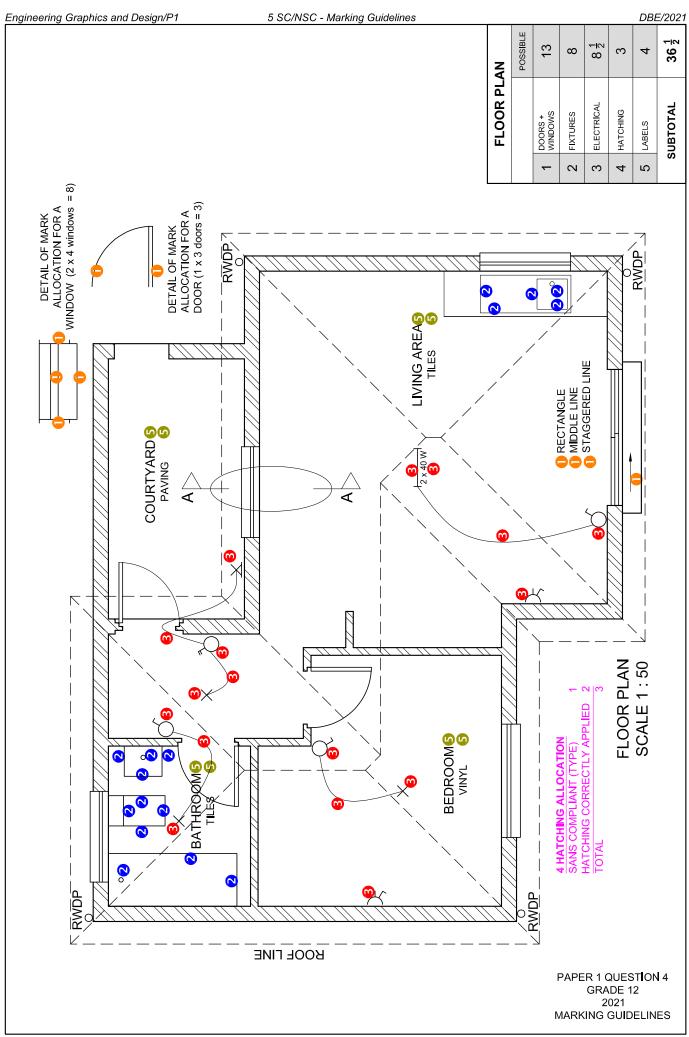


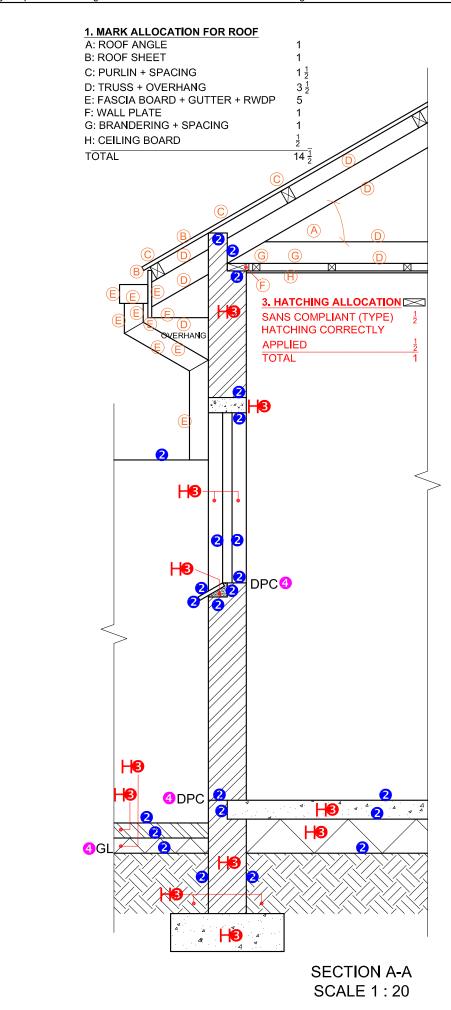
PAPER 1 QUESTION 1 GRADE 12 2021 MARKING GUIDELINES

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PAPER 1 QUEST**I**ON 2 GRADE 12 2021 MARKING GUIDELINES







DETAILED SECTION			
1	ROOF DETAIL	14 ½	
2	SLAB + WALL + WINDOW	11 ½	
3	HATCHING	6 ½	
4	LABELS	1 ½	
s	UBTOTAL	34	

PAPER 1 QUESTION 4 GRADE 12 2021 MARKING GUIDELINES

MARK ALLOCATION

FOR OFFICIAL USE ONLY

LINES

TOTAL

SIGN MODERATED

6

