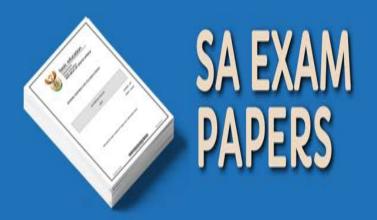


You have Downloaded, yet Another Great Resource to assist you with your Studies ©

Thank You for Supporting SA Exam Papers

Your Leading Past Year Exam Paper Resource Portal

Visit us @ www.saexampapers.co.za





ISEBE LEMFUNDO LEMPUMA KOLONI EASTERN CAPE EDUCATION DEPARTMENT OOS-KAAP ONDERWYSDEPARTEMENT

NATIONAL SENIOR CERTIFICATE NASIONALE SENIOR SERTIFIKAAT

GRADE 12 GRAAD 12

ENGINEERING GRAPHICS AND DESIGN P1 INGENIEURSGRAFIKA EN -ONTWERP V1

SEPTEMBER 2020 MARKING GUIDELINE / NASIENRIGLYN

MARKS / PUNTE: 200

TIME / TYD: 3 hours / uur

This marking guideline consists of 7 pages. Hierdie nasienriglyn bestaan uit 7 bladsye.

Copyright reserved / Kopiereg voorbehou

QUESTION 1 ANSWERS				
1	20-2020	1		
2	JADE RENSHAW	1		
3	MR. MOLEFE MARABE	1		
4	HOLIDAY APARTMENTS	1		
5	SIX	1		
6	BOAT LAUNCH AREA	1		
7	YELLOW	1		
8	LOCHABER LAKE	2		
9	MYRTLE STREET	2		
10	MUST BE DEMOLISHED	1		
11	TO MAKE SPACE FOR A PARKING AREA	1		
12	YES, THE DISABLED PARKING IS INDICATED	2		
13	65 m (Show all calculations)	4		
14	140.44 m² (Show all calculations)	4		
15	(Sketch below)	3		
	TOTAL	26		

VR	VRAAG 1 ANTWOORDE			
1	20-2020	1		
2	JADE RENSHAW	1		
3	MNR. MOLEFE MARABE	1		
4	VAKANSIE WOONEENHEDE	1		
5	SES	1		
6	BOOT LANSEER AREA	1		
7	GEEL	1		
8	LOCHABER MEER	2		
9	MYRTLESTRAAT	2		
10	MOET AFGEBREEK WORD	1		
11	OM RUIMTE TE MAAK VIR 'N PARKEERAREA	1		
12	JA, GESTREMDES PARKERING IS AANGEDUI	2		
13	65 m (Toon alle berekeninge)	4		
14	140.44 m² (Toon alle berekeninge)	4		
15	(Skets onder)	3		
	TOTAAL	26		

VRAAG / QUESTION 13

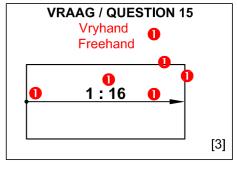
Toon alle berekeninge / Show all calculations

calculation: (+)(-) (2 x 16.8) = 33.6 berekening: (+)(-) correct values correct answer correct unit (2 x 18.1) = 36.2 correct unit (2 x 5) = $\frac{10}{79.8 \text{ m}}$ berekening: (+)(-) korrekte waardes korrekte antwoord korrekte eenheid [4]

VRAAG / QUESTION 14

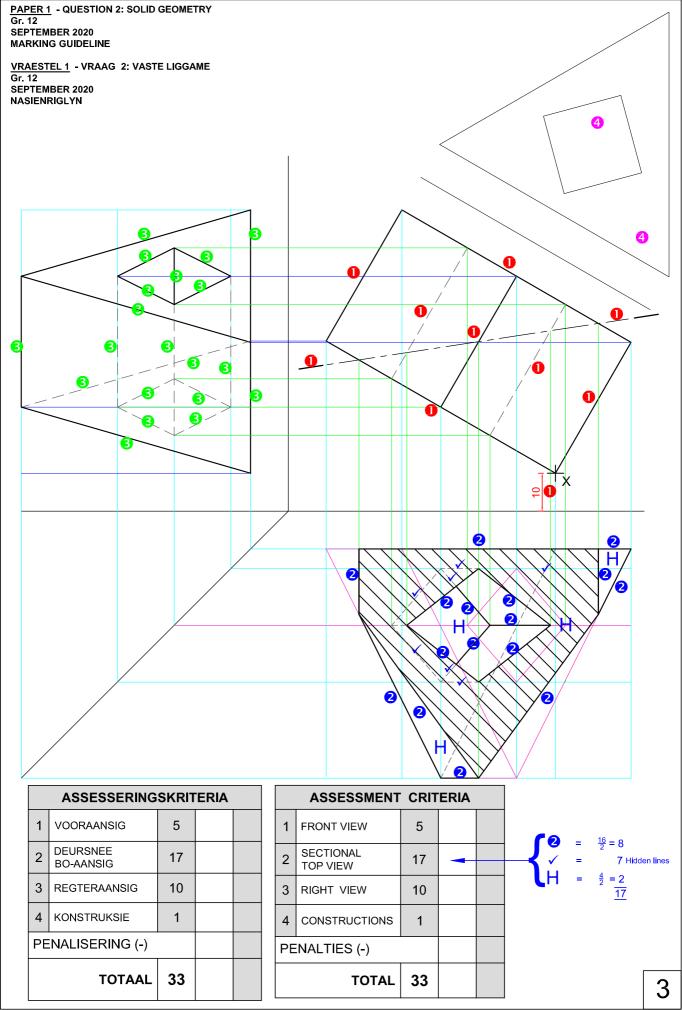
Toon alle berekeninge / Show all calculations

 $18.1 \times 16.8 = 304.08 \text{ m}^2 \quad \text{calculation (X),(+) optel berekening (X),(+)} \\ 15.7 \times 5 \quad = \quad 78.5 \text{ m}^2 \quad \text{correct values} \\ 304.08 - 78.5 \quad = 225.58 \text{ m}^2 \quad \text{correct answer correct unit m}^2 \quad \text{korrekte waardes} \\ \text{korrekte antwoord korrekte eenheid m}^2 [4]$



VRAESTEL 1 VRAAG 1: ANALITIES Gr. 12 SEPTEMBER 2020 NASIENRIGLYN PAPER 1
QUESTION 1: ANALYTICAL
Gr. 12
SEPTEMBER 2020
MARKING GUIDELINE

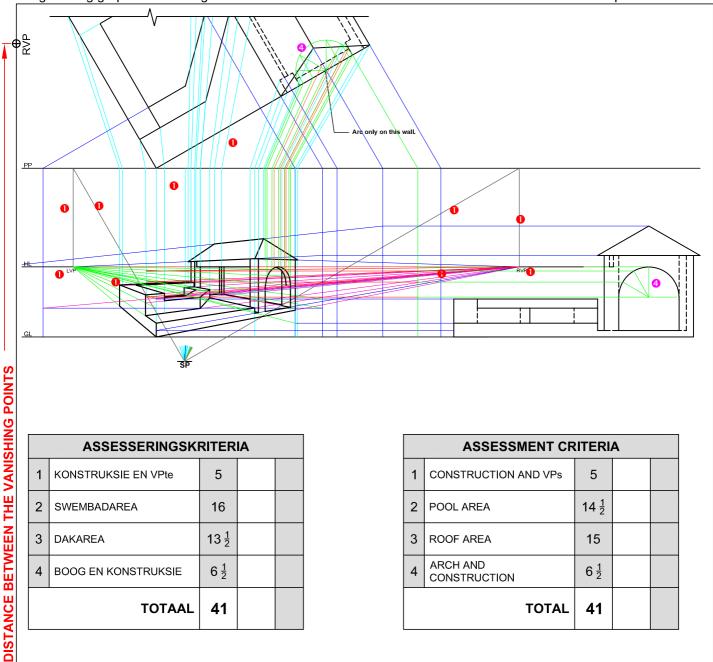
Copyright reserved Please turn over





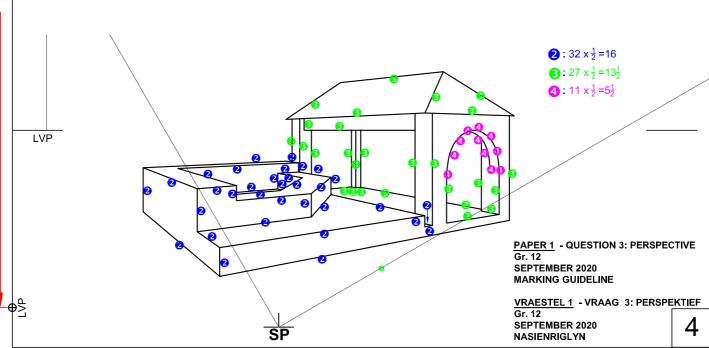
NSC

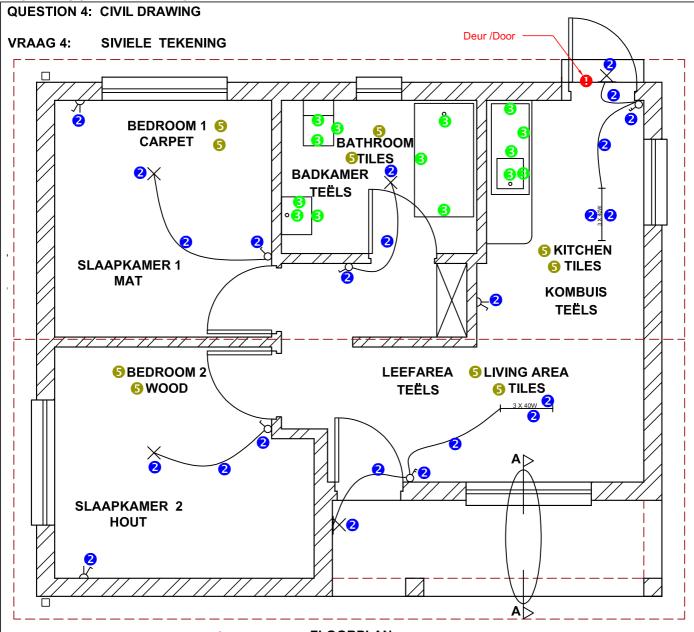
EC / September 2020



	ASSESSERINGSKRITERIA			
1	KONSTRUKSIE EN VPte	5		
2	SWEMBADAREA	16		
3	DAKAREA	13 ½		
4	BOOG EN KONSTRUKSIE	6 ½		
	TOTAAL			

	ASSESSMENT CRITERIA			
1	CONSTRUCTION AND VPs	5		
2	POOL AREA	14 ½		
3	ROOF AREA	15		
4	ARCH AND CONSTRUCTION	6 ½		
	TOTAL	41		



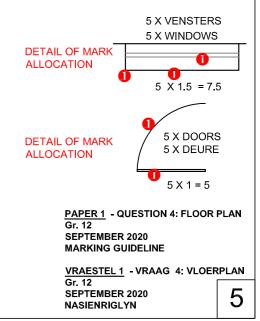


FLOORPLAN SCALE 1:50 VLOERPLAN

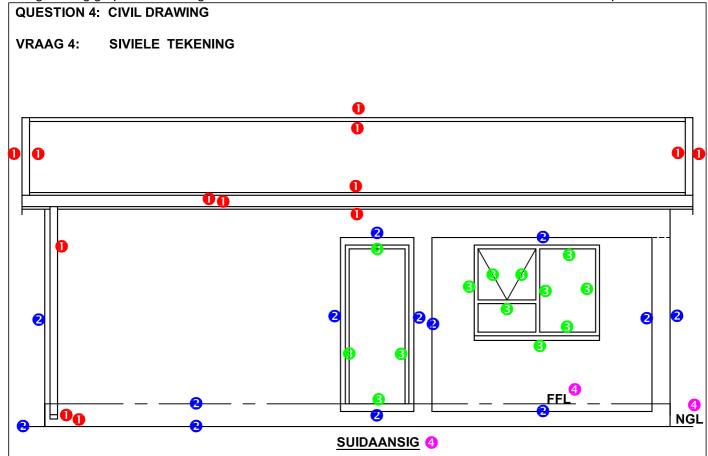
SKAAL 1:50

ASSESSMENT CRITERIA			
	FLOOR PLAN		
1	DOORS AND WINDOWS	13	
2	ELECTRICAL	12	
3	FIXTURES	7	
4	HATCHING	3	
5	LABELS	5	
S	SUB TOTAL 40		

ASSESSERINGSKRITERIA			
	VLOERPLAI	N	
1	DEURE EN VENSTERS	13	
2	ELEKTRIES	12	
3	TOEBEHORE	7	
4	ARSERING	3	
5	BYSKRIFTE	5	
S	SUBTOTAAL 40		



Copyright reserved Please turn over



SOUTH VIEW

ASSESSMENT CRITERIA				
	SOUTH VIEW			
1	ROOF, GUTTER, RWDP, FACIA, BARGE BOARD, ROOF CAP	6 ½		
2	WALLS, PORCH, FFL	6 ½		
3	DOORS AND WINDOWS	6 ½		
4	LABELS	1 ½		
	SUB TOTAL 21			

ASSESSERINGSKRITERIA			
	SUIDAANSIG		
1	DAK, GEUT, RWAP, FASSIE, WINDVEER, NOK	6 ½	
2	MURE, STOEP, VVV	6 ½	
3	DEURE EN VENSTERS	6 ½	
4	BYSKRIFTE	1 ½	
SUBTOTAAL 21			

PAPER 1 - QUESTION 4: ELEVATION Gr. 12 SEPTEMBER 2020 MARKING GUIDELINE

VRAESTEL 1 - VRAAG 4: ELEVASIE Gr. 12 SEPTEMBER 2020

NASIENRIGLYN

6

Copyright reserved Please turn over

