

## basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

## NATIONAL SENIOR CERTIFICATE

**GRADE 12** 

## ENGINEERING GRAPHICS AND DESIGN P2

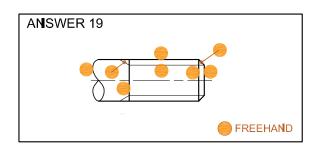
**NOVEMBER 2023** 

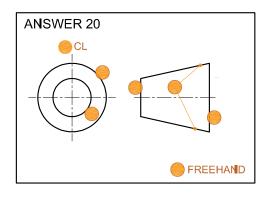
MARKING GUIDELINES

**MARKS: 100** 

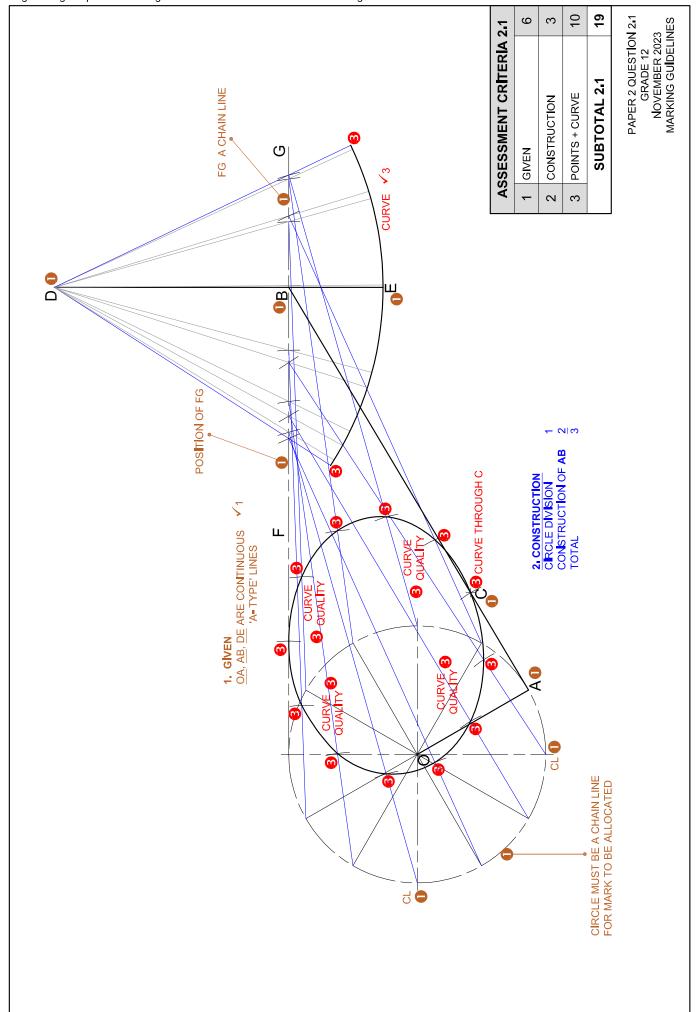
These marking guidelines consist of 7 pages.

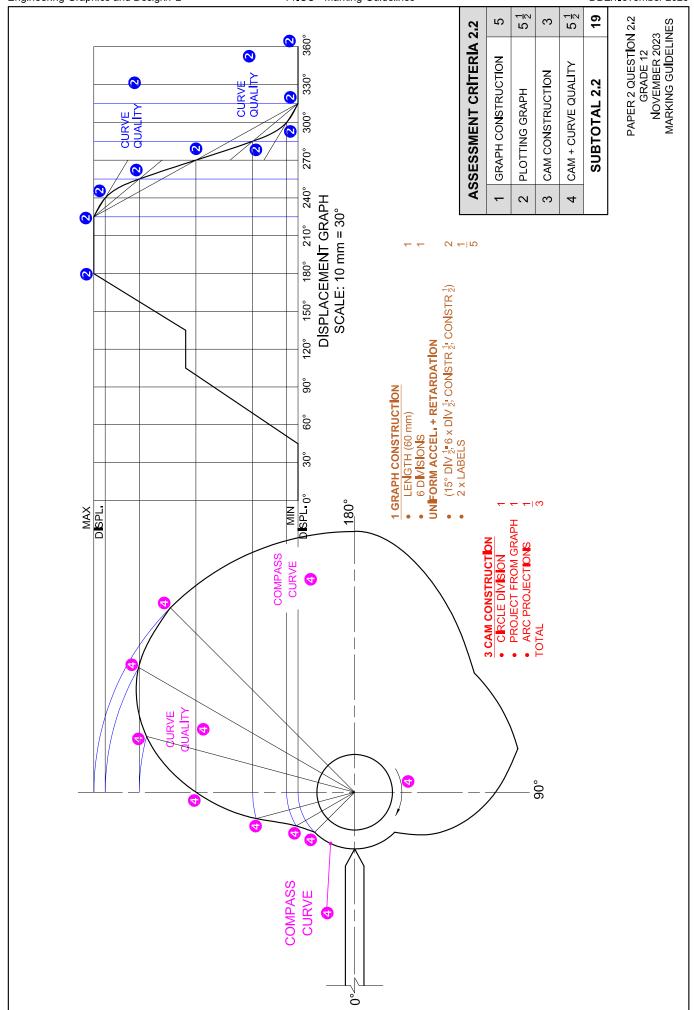
ANSWERS			
1	SHARK STREET	1	
2	APPROVED	1	
3	SCGG213		
4	INTERRUPTED VIEW /	1	
5	INDUCTION	1	
6	REMOVED	1	
7	PART / PARTIAL	1	
8	B: R10 C: R4 D: 135 E: 2	4	
9	36°, <b>37°</b> , 38°	1	
10	2	1	
11	ALTERNATIVE- / EXTREME POSITION		
12	4	1	
13	NOT TO SCALE	1	
14	RIGHT VIEW	1	
15	5		
16	MIN = 7,9 & MAX = 8,23	2	
17	MULTI-DIRECTIONAL	1	
18	ROUGHNESS VALUE	1	
19	One halow	4 ½	
20	See below		
	TOTAL	30	

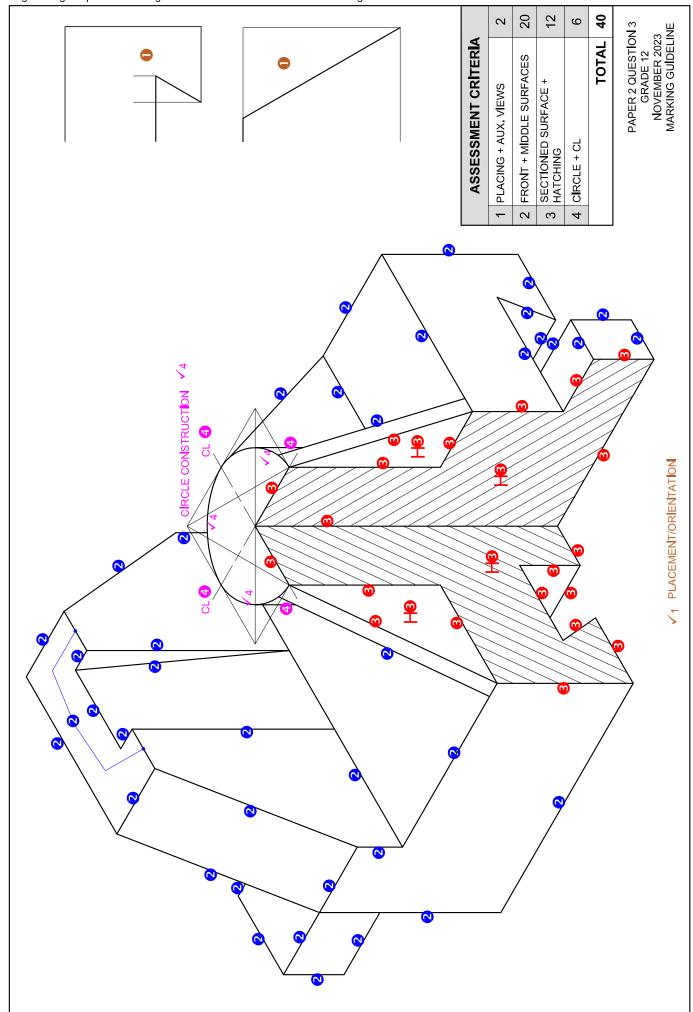


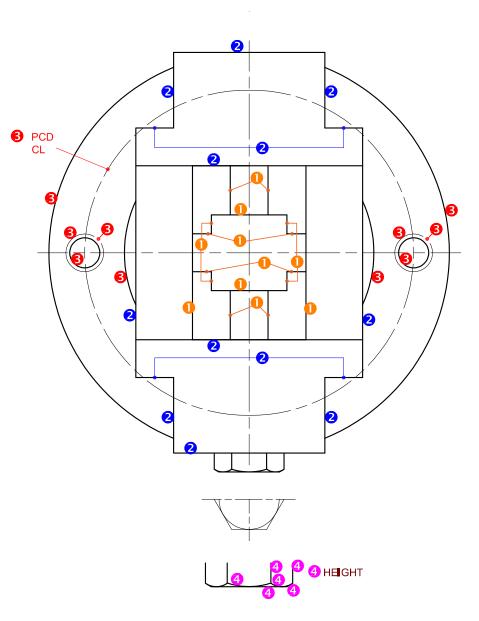


PAPER 2 QUESTION 1 GRADE 12 NOVEMBER 2023 MARKING GUIDELINES









ASSESSMENT CRITERIA				
LEFT VIEW				
1	BRACKET	5		
2	COUPLING	6		
3	FLAN <b>I</b> GE	5 ½		
4	M10 HEX. BOLT	3 ½		
SI	JBTOTAL	20		

PAPER 2 QUESTION 4 GRADE 12 NOVEMBER 2023 MARKING GUIDELINE

