

ENGINEERING GRAPHICS AND
DESIGN

PAPER 2

MEMORANDUM

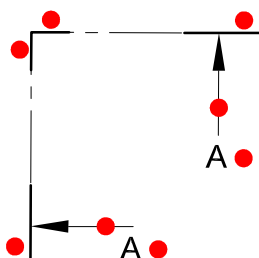
GR 12

SEPTEMBER 2013

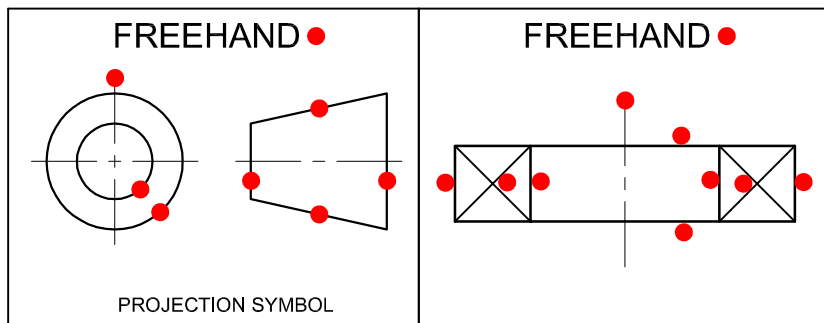


ANSWERS		
1	20/04/2013	1
2	CAST IRON	1
3	CAD	1
4	ONE	1
5	± 0,25	1
6	PART SECTION	1
7	S-CUT	1
8	ONLY PART OF VIEW DRAWN	1
9	TOTAL DIMENSION INDICATED ALTHOUGH NOT DRAWN	1
10	Ø198	1
11	141	1
12		4
13		4
14		5
	TOTAL	24

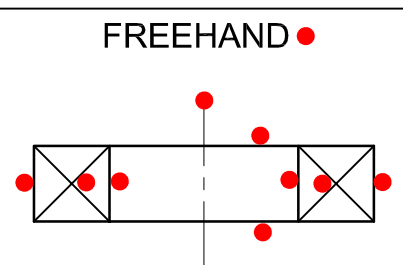
ANSWER 12

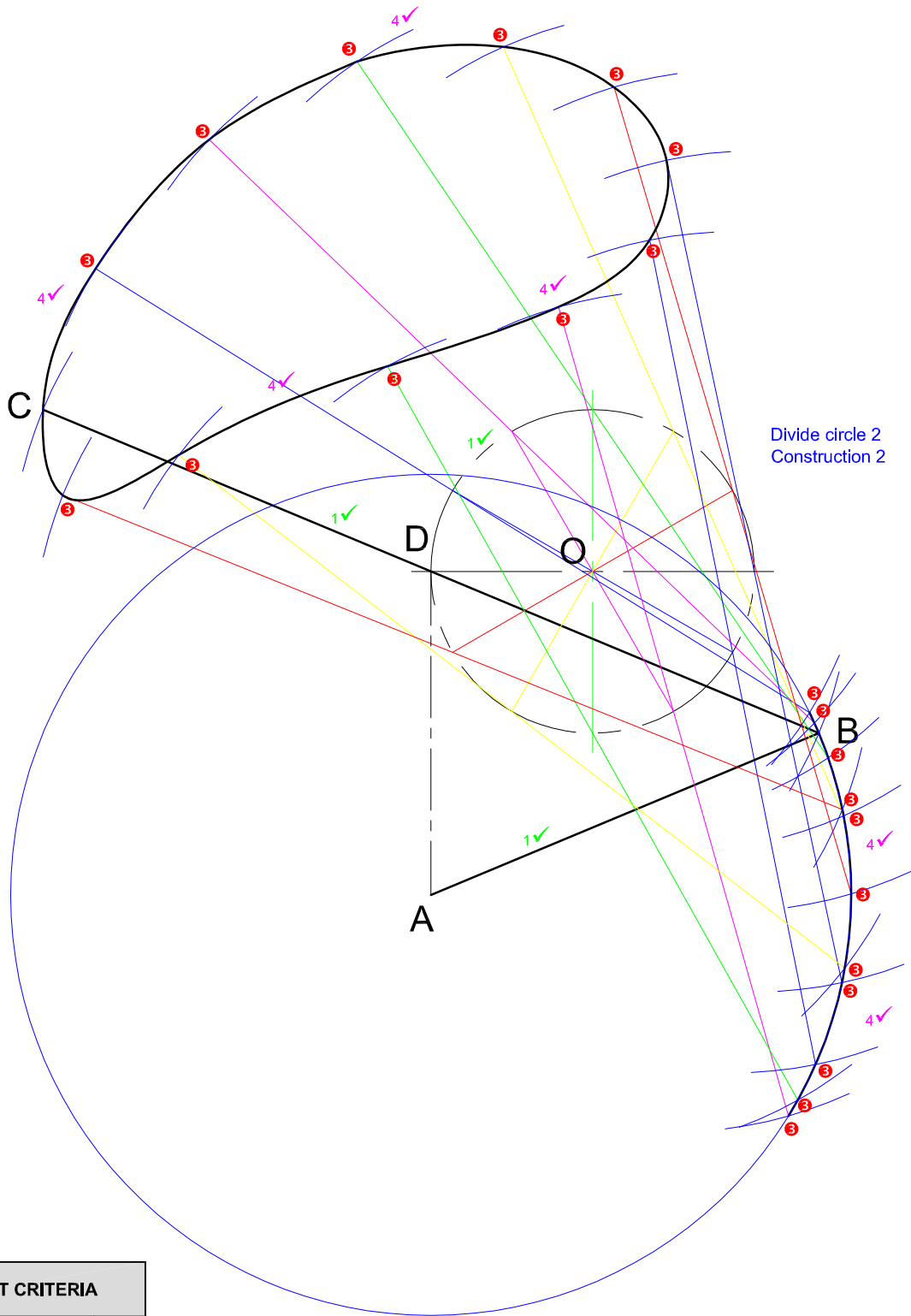


ANSWER 13



ANSWER 14

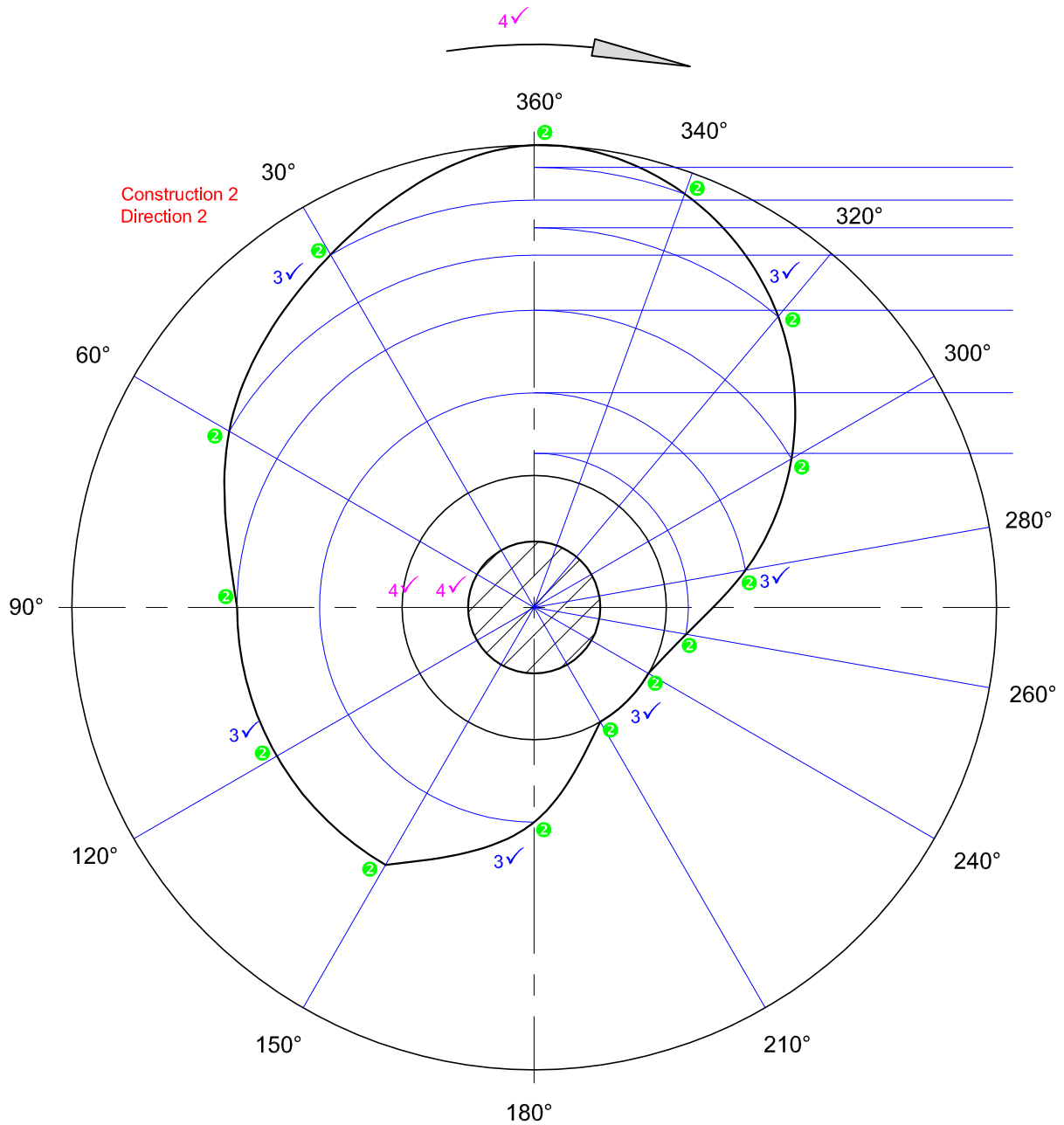




Divide circle 2
Construction 2

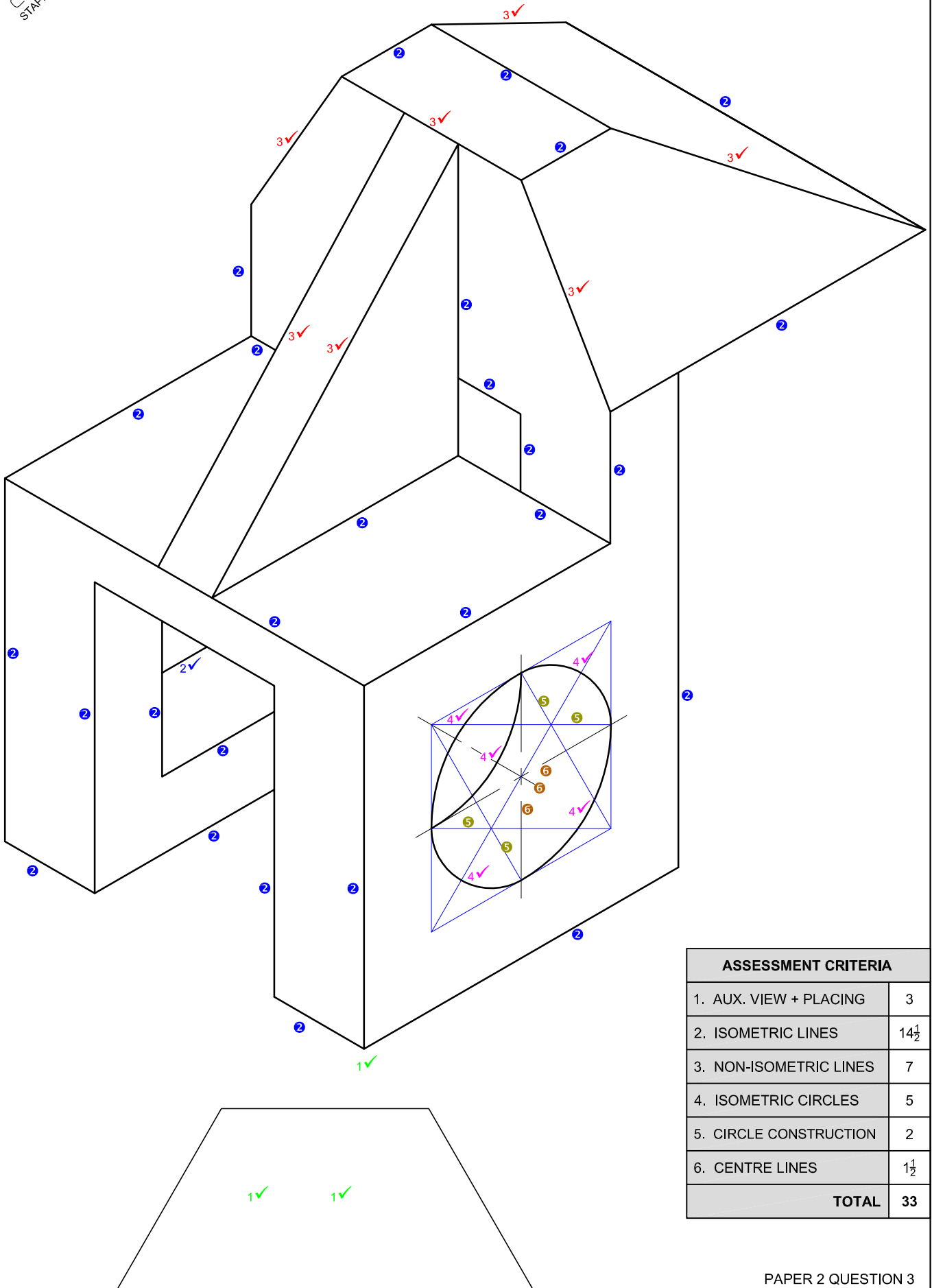
ASSESSMENT CRITERIA	
1. COPY	3
2. CONSTRUCTION	4
3. POINTS	11
4. CURVE	6
TOTAL	24

PAPER 2 QUESTION 2.1
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ASSESSMENT CRITERIA	
1. CONSTR. & DIRECTION	4
2. POINTS	7
3. CURVE	6
4. SHAFT, MIN RADIUS & ARROW	3
5. LABELS	2
TOTAL	22

PAPER 2 QUESTION 2.2
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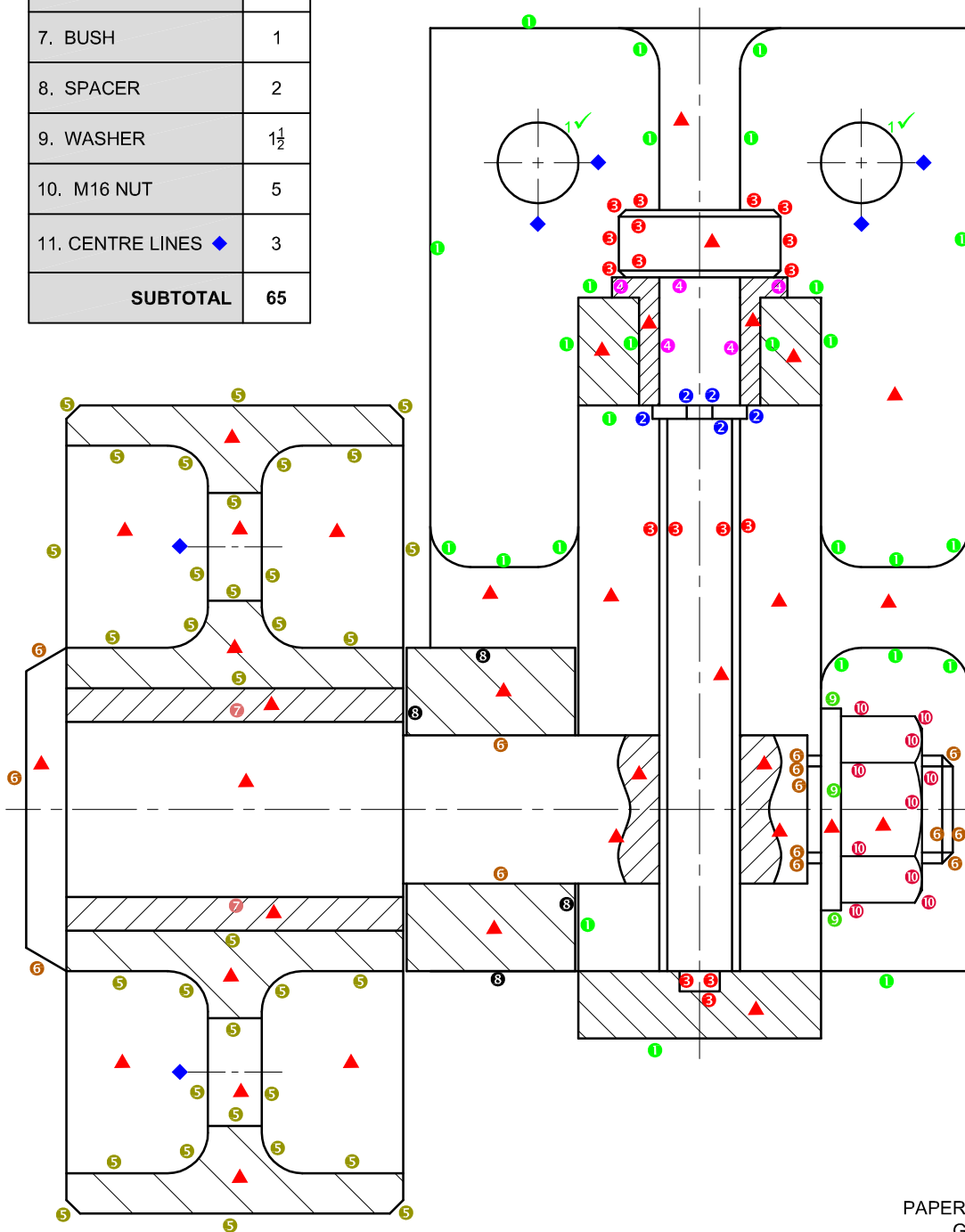


ASSESSMENT CRITERIA	
1. AUX. VIEW + PLACING	3
2. ISOMETRIC LINES	14½
3. NON-ISOMETRIC LINES	7
4. ISOMETRIC CIRCLES	5
5. CIRCLE CONSTRUCTION	2
6. CENTRE LINES	1½
TOTAL	33

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ASSESSMENT CRITERIA	
SECTIONAL FRONT VIEW	
1. BASE	15
2. CIRCLIP	2½
3. BOLT	8½
4. BUSH	2½
5. PULLEY	17
6. SHAFT	7
7. BUSH	1
8. SPACER	2
9. WASHER	1½
10. M16 NUT	5
11. CENTRE LINES ♦	3
SUBTOTAL	65



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ASSESSMENT CRITERIA	
RIGHT VIEW	
1. BASE	
2. CIRCLIP	
3. BOLT	5
4. BUSH	1½
5. PULLEY	
6. SHAFT	2½
7. BUSH	
8. SPACER	
9. WASHER	1
10. M16 NUT	4
11. HATCHING ▲	18
SUBTOTAL	32
TOTAL	97

