basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE EXAMINATIONS/ NATIONAL SENIOR CERTIFICATE EXAMINATIONS

ENGINEERING GRAPHICS AND DESIGN P1

MAY/JUNE 2026

MARKING GUIDELINES

MARKS: 100

These marking guidelines consist of 7 pages.

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ANSWERS		
1	1 : 1000	1
2	GOUTA	1
3	E MOKOENA	1
4	VERIFY ALL DIMENSIONS AND/OR LEVELS	1
5	PALM GROVE	1
6	9 / NINE	1
7	2500	1
8	ELECTRICITY METER / WATT METER	1
9	200	1
10	INSPECTION EYE	1
11	SHRUBS	1
12	6 / SIX	1
13	B	1
14	BRICK PAVING	1
15	INSPECTION CHAMBER	2
16	NEW CONCRETE	2
17	SOUTH-WEST	2
18		3
19		3
20		4
	TOTAL	**30**

ANSWER 18

Show ALL calculations.

APPLYING CORRECT FORMULA ✓

P = V1 + H + V2

= 150 + 80 + 150

= 380 m / 380000 mm

ANSWER ✓ / UNIT ✓

ANSWER 19

Show ALL calculations.

APPLYING CORRECT FORMULA ✓

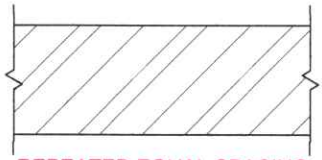
AREA = (L x B) - (L x B)

= (65 x 34) - (29 x 9)

= 1949 m^2 ✓✓

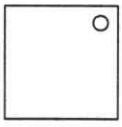
ANSWER 20

(a) SANS COMPLIANT (FACE BRICK) ✓



REPEATED EQUAL SPACING ✓

(b)



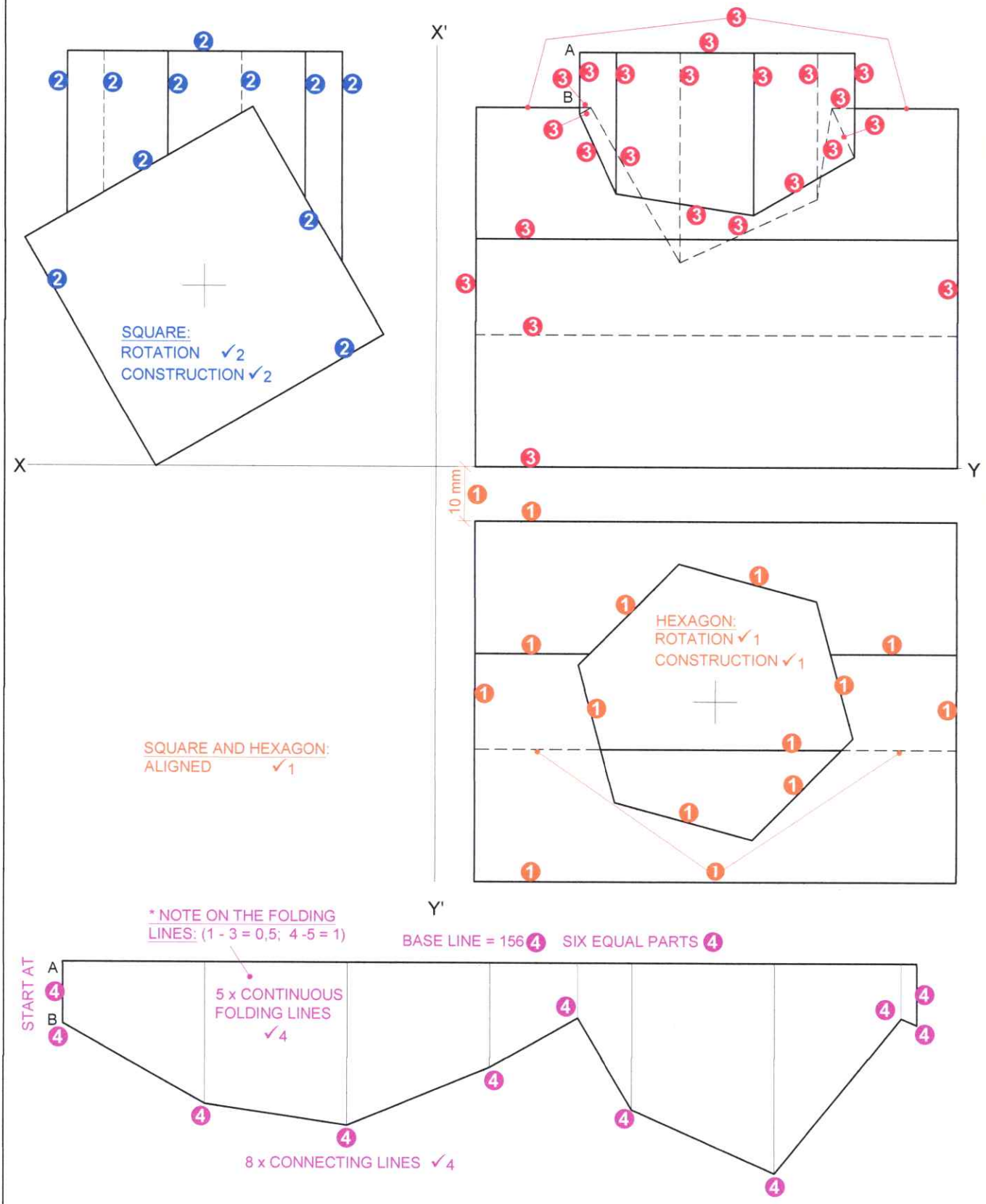
SQUARE ✓

HOLE ●

BOTH IN FREEHAND ●

PAPER 1 QUESTION 1
GRADE 12
DBE MAY/JUNE 2026
MARKING GUIDELINES

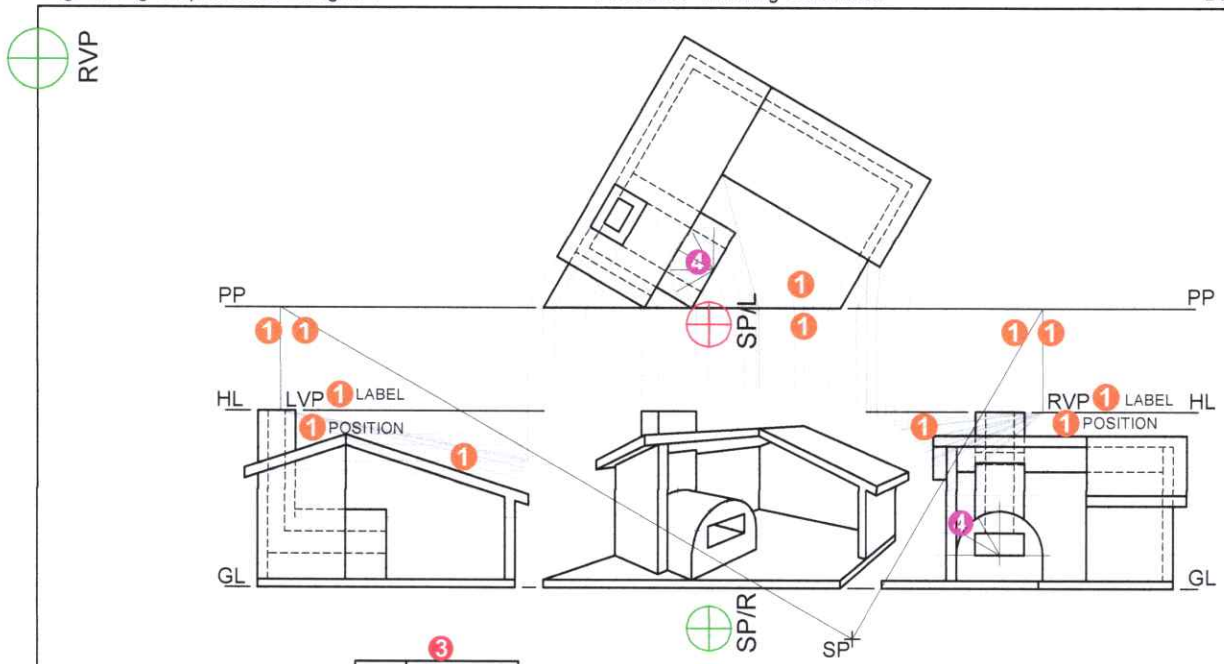
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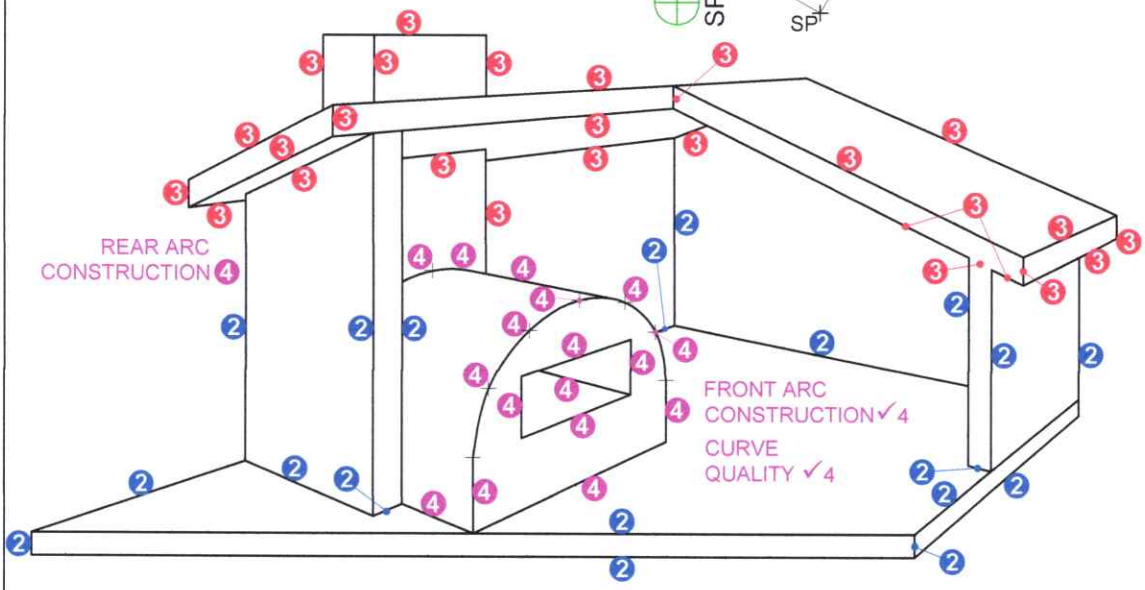


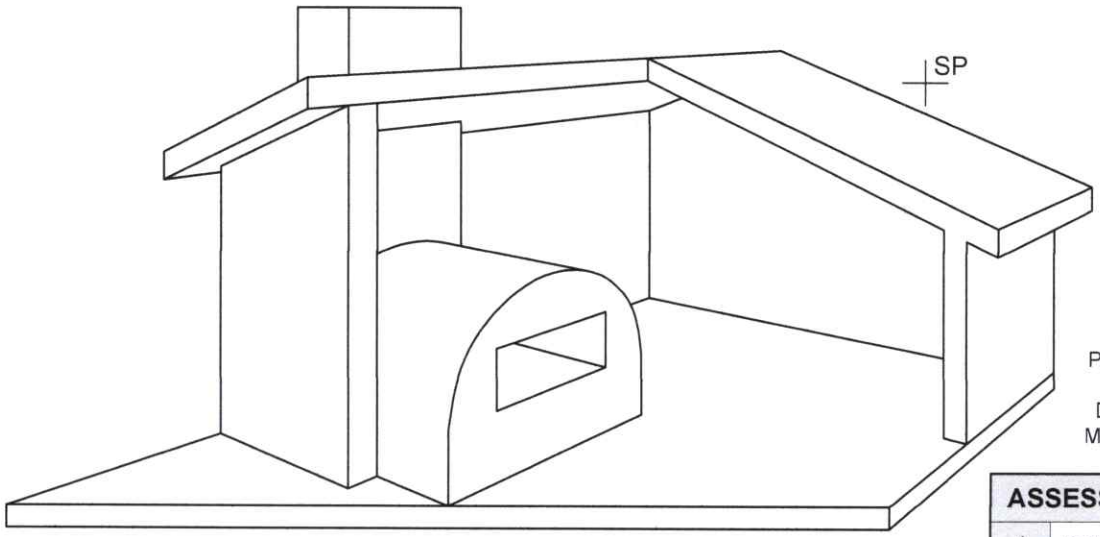
ASSESSMENT CRITERIA		
1	TOP VIEW	10 ½
2	RIGHT VIEW	7 ½
3	FRONT VIEW	11 ½
4	DEVELOPMENT	8 ½
	TOTAL	38

PAPER 1 QUESTION 2
GRADE 12
DBE MAY/JUNE 2026
MARKING GUIDELINES

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PAPER 1 QUESTION 3
GRADE 12
DBE MAY/JUNE 2026
MARKING GUIDELINES

ASSESSMENT CRITERIA		
1	CONSTRUCTION	6
2	FLOOR + WALLS	9 ½
3	ROOF + CHIMNEY	12 ½
4	OVEN	12
	TOTAL	40

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