

basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE

GRADE 12

ENGINEERING GRAPHICS AND DESIGN P1

FEBRUARY/MARCH 2011

MEMORANDUM

MARKS: 100

This memorandum consists of 5 pages.

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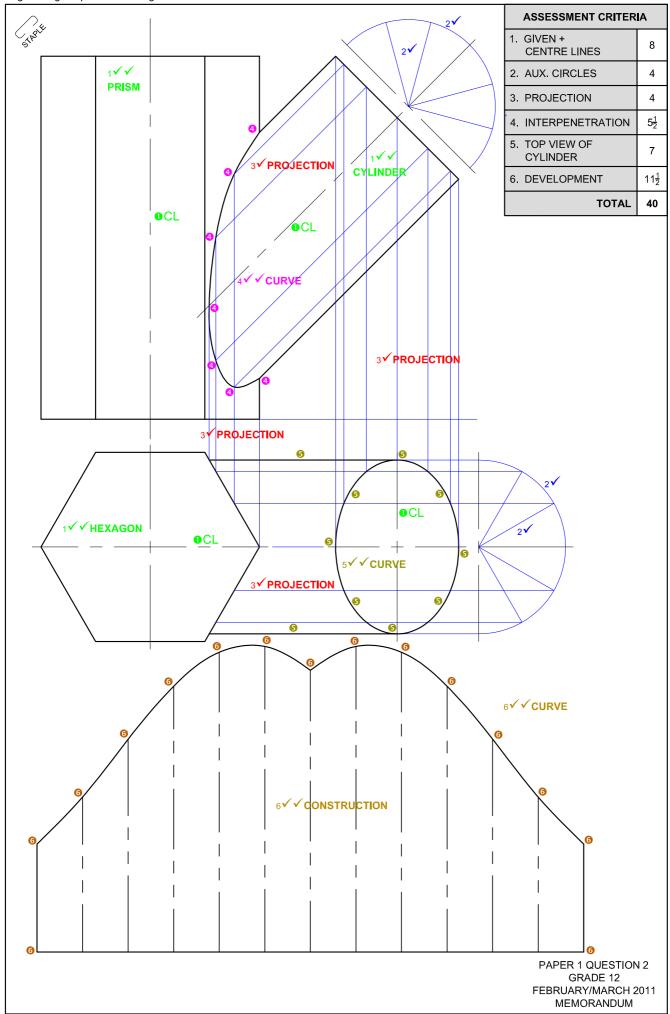


ANSWERS		
1	THE <u>OUTBUILDING</u> IS <u>OUTSIDE</u> THE <u>BUILDING LINE</u> OR THE <u>OUTBUILDING ROOF</u> IS <u>OVER THE BOUNDARY LINE</u> .	2
2	79	1
3	1	1
4	SCALE 1:200	1
5	12-04-2010	1
6	KAYSERS BEACH	1
7	MARLIN DRIVE	1
8	2	1
9	14	1
10	INSPECTION EYE	1
11	MANHOLE	1
12	BUILDING LINE	1
13	MUNICIPAL SEWER LINE	1
14	CONTOUR LINE	1
15	ROOF OVERHANG	1
16	BOUNDARY LINE	1
17	ISLAND IN THE ROAD	1
18	0.5 m	1
19	SOUTH	1
20	37.806 + 24.200 + 10.615 + 30.300 + 31.706 0 = 134.627 ✓ m✓	2 1 / ₂
21	$37.806 \times 31.706 = 1198.67704$	41/2

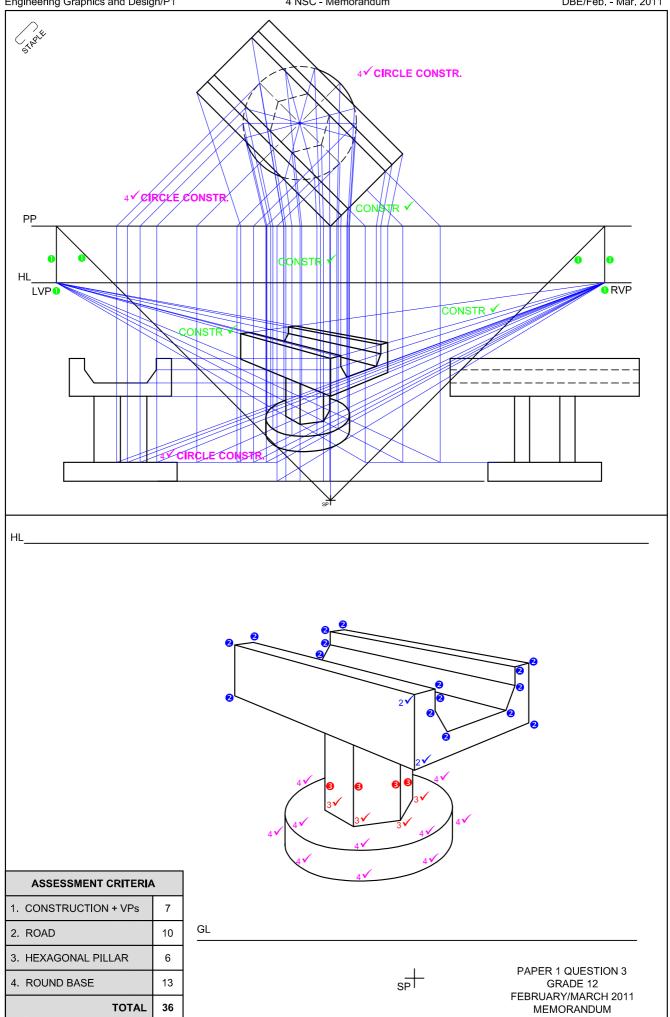
TOTAL: 27

PAPER 1 QUESTION 1 GRADE 12 FEBRUARY/MARCH 2011 MEMORANDUM

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