

basic education

Department: Basic Education **REPUBLIC OF SOUTH AFRICA**

NATIONAL SENIOR CERTIFICATE

GRADE 12

ENGINEERING GRAPHICS AND DESIGN P1

NOVEMBER 2014

MEMORANDUM

MARKS: 100

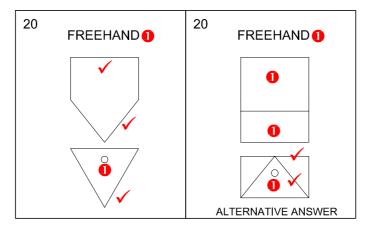
This memorandum consists of 7 pages.

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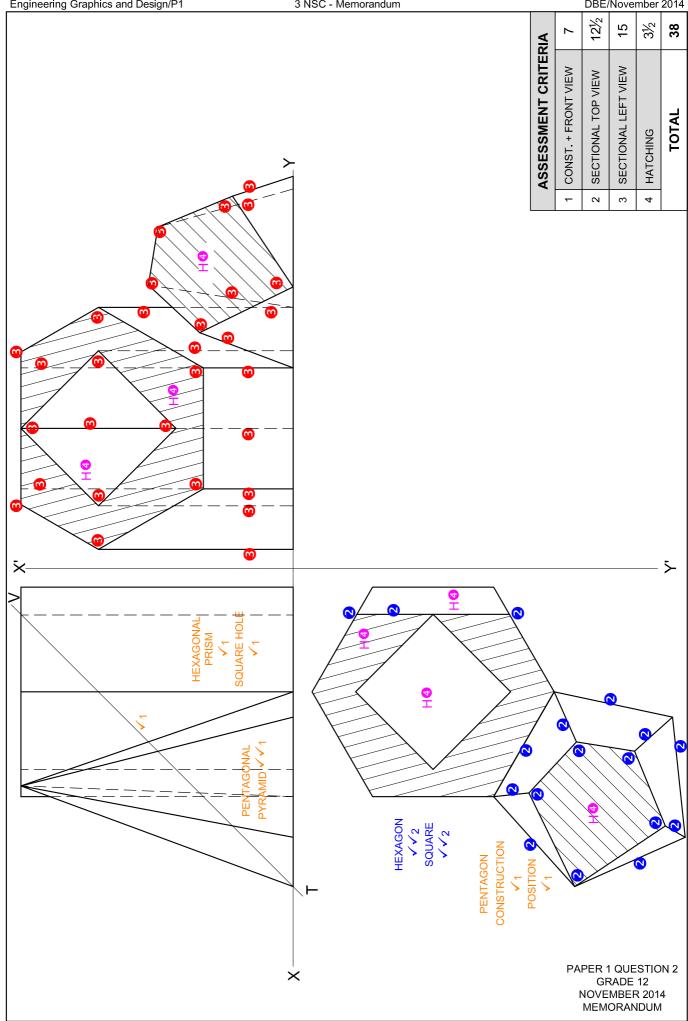
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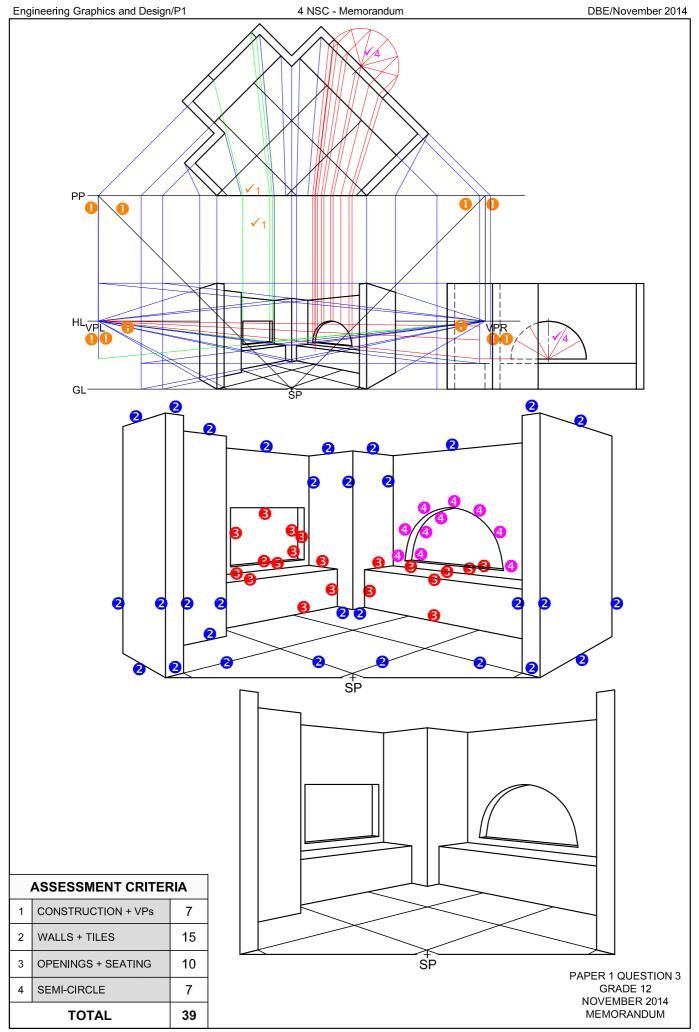
	ANSWERS	
1	2014-08-05	1
2	VERIFY DIMENSIONS AND LEVELS	1
3	1:500	1
4	CHANGE ROAD	1
5	TAR	1
6	CONFERENCE CENTRE	1
7	YELLOW	1
8	BLUE	1
9	HEIGHT ABOVE SEA LEVEL/CORNER HEIGHT	1
10	MAN HOLE	1
11	BOUNDARY LINE	1
12	PAVEMENT	1
13	CONTROL POINT/GUARD HOUSE	1
14	COMPACTED HARD CORE	1
15	RIDGE ROAD	2
16	24	2
17	75,128	2
18	129,6 [calculation 1, answer 1, converted to metres 1]	3
19	865,67 m ² [calculation 1, answer 1, metres ² 1]	3
20	(See below)	4

TOTAL: 30



PAPER 1 QUESTION 1 GRADE 12 NOVEMBER 2012 MEMORANDUM





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