

basic education

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

NATIONAL SENIOR CERTIFICATE

GRADE 12

ENGINEERING GRAPHICS AND DESIGN P1

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FEBRUARY/MARCH 2015

MEMORANDUM

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MARKS: 100

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This memorandum consists of 7 pages.

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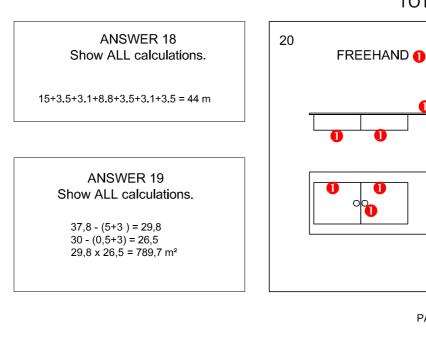
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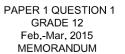
	ANSWERS	
1	1VG2014	1
2	INCLUDE A SOAK PIT	1
3	1:300	1
4	2	1
5	BRICK PAVING	1
6	DWELLING	1
7	BLACK	1
8	GREEN	1
9	2000 / 2 m	1
10	WIRE FENCE	1
11	CORNER HEIGHT/HEIGHT ABOVE SEA LEVEL	1
12	BUILDING LINE	1
13	ELECTRICAL METER	1
14	NORTH POINT	1
15	NORTH-WEST	2
16	8,378	2
17	37,8	2
18	44 m [calculation 1, answer 1, converted to metres 1]	3
19	789,7 m ² [calculation 1, answer 1, metres ² 1]	3
20	(See below)	4

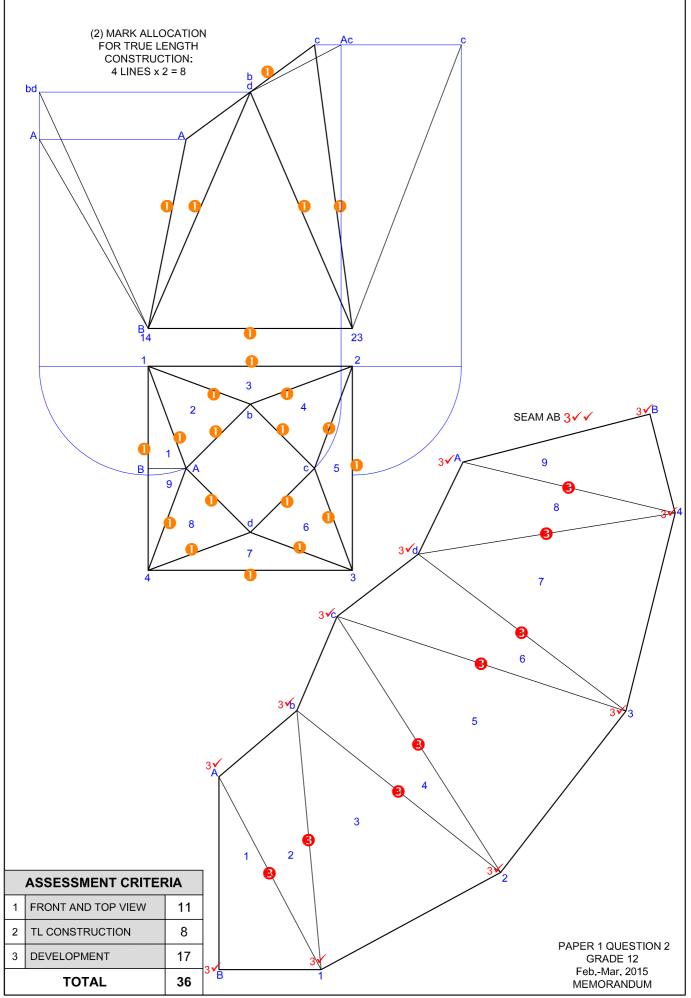
TOTAL: 30

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0

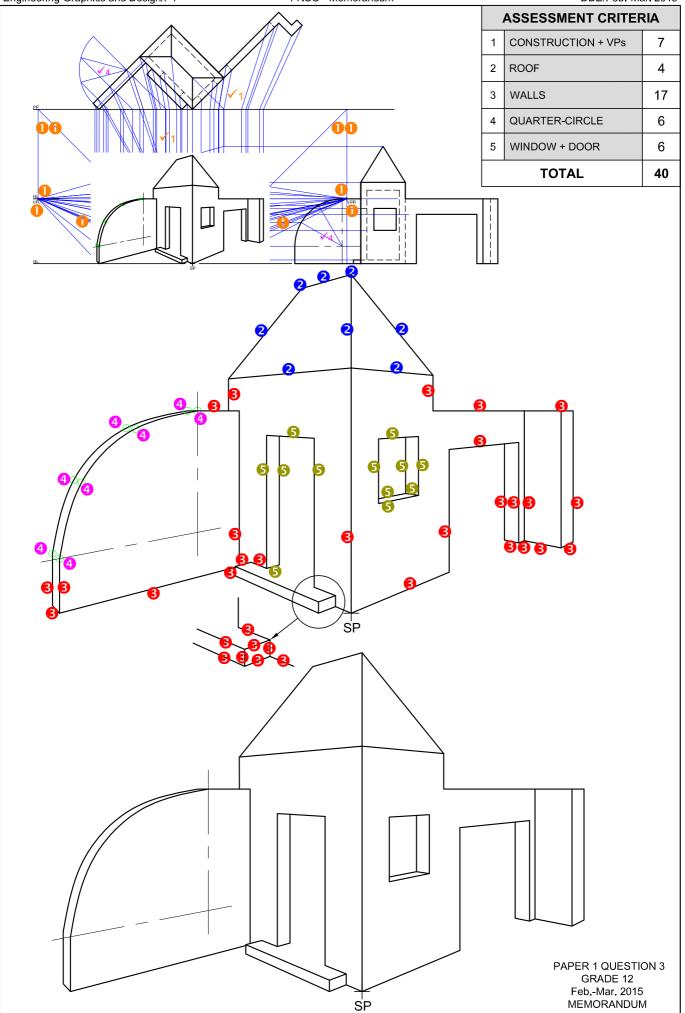


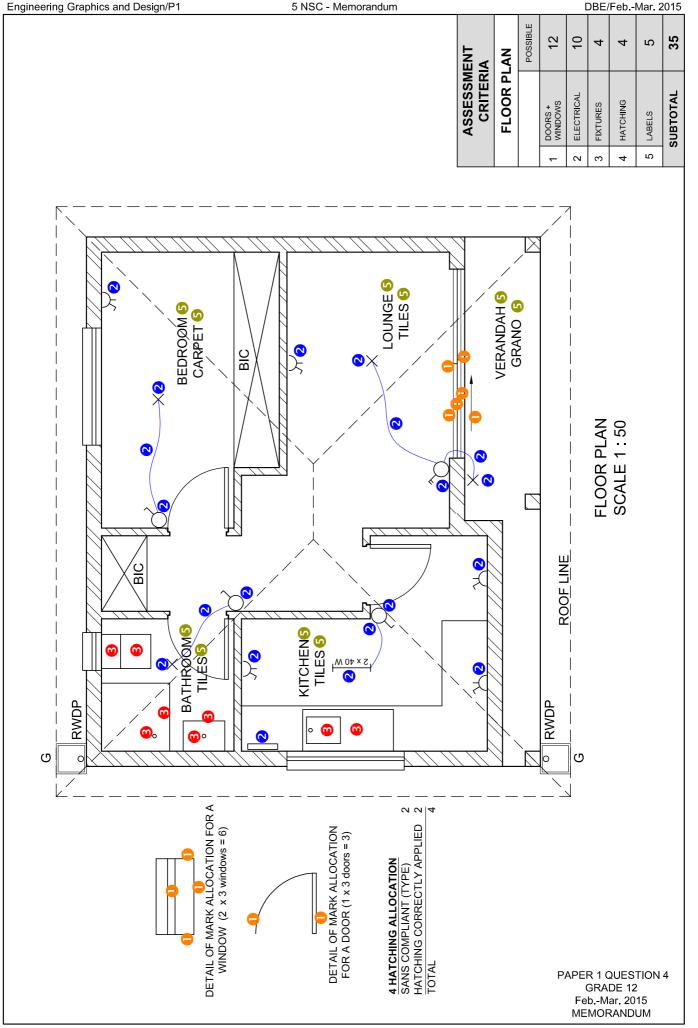




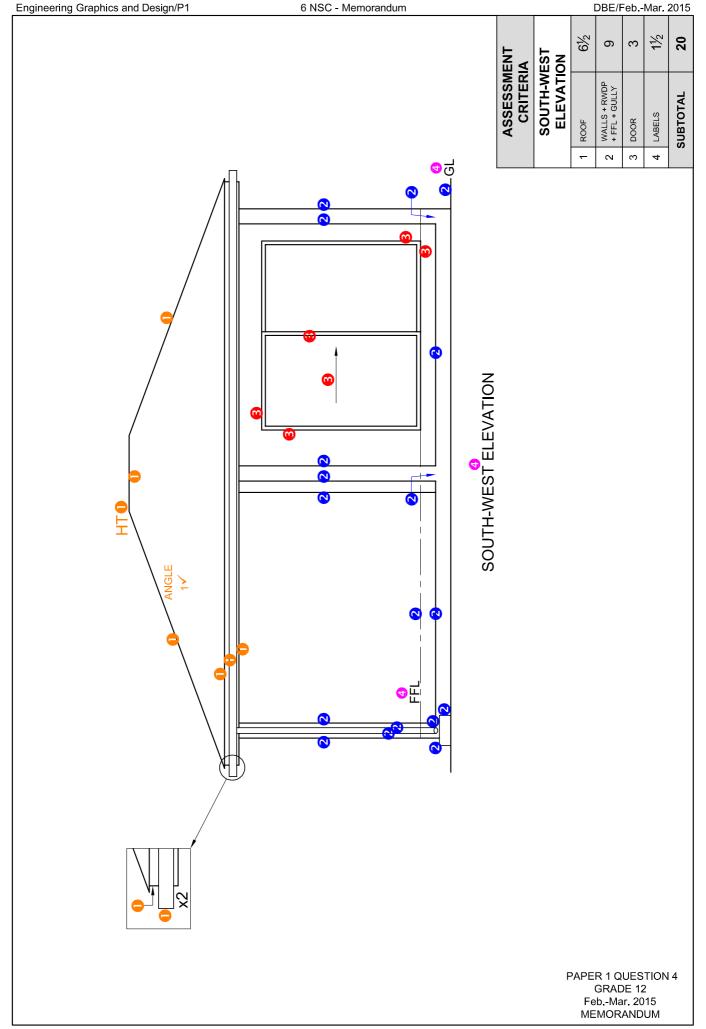
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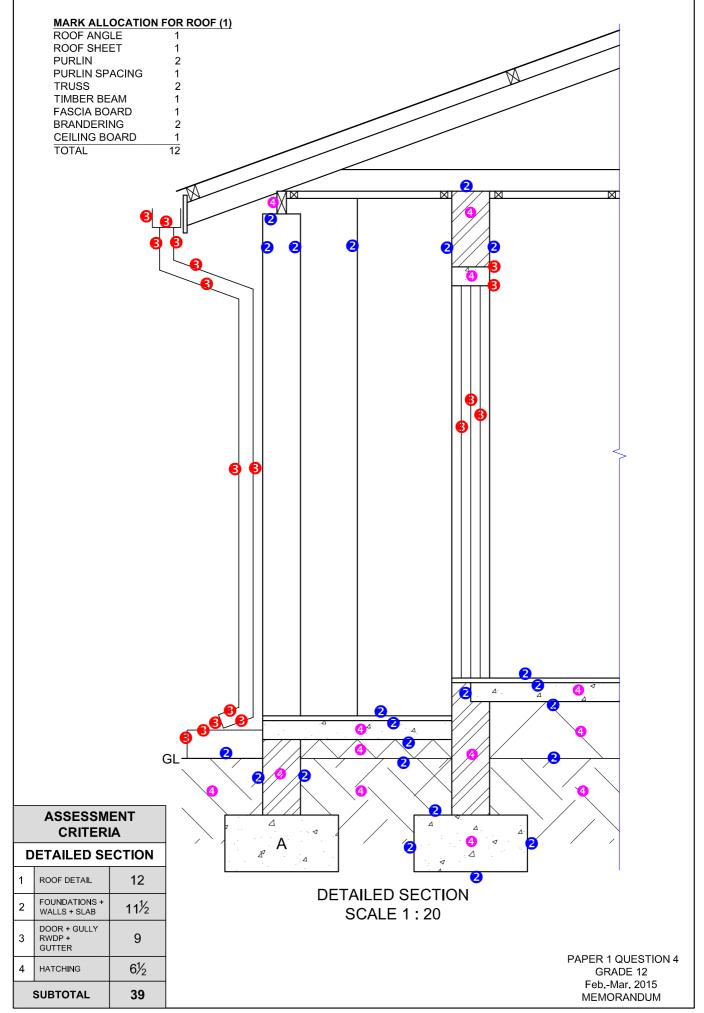
DBE/Feb.-Mar. 2015





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