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**SA EXAM
PAPERS**



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NASIONALE SENIOR SERTIFIKAAT

GRAAD 12

INGENIEURSGRAFIKA EN -ONTWERP V1

MODEL 2014

MEMORANDUM

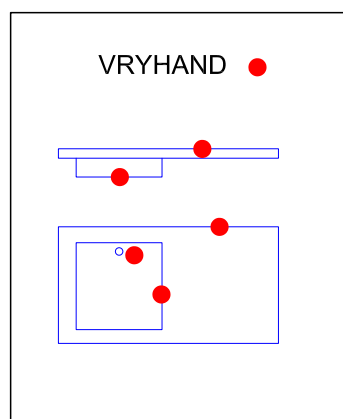
PUNTE: 100

Hierdie memorandum bestaan uit 7 bladsye.

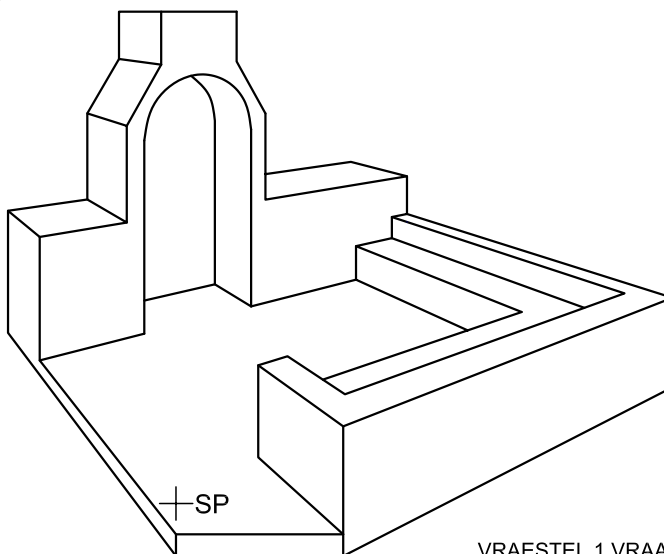
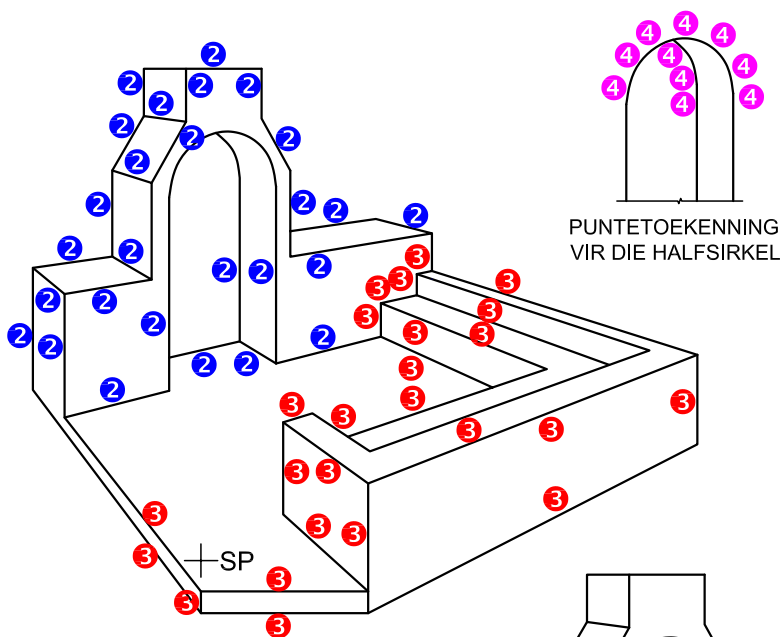
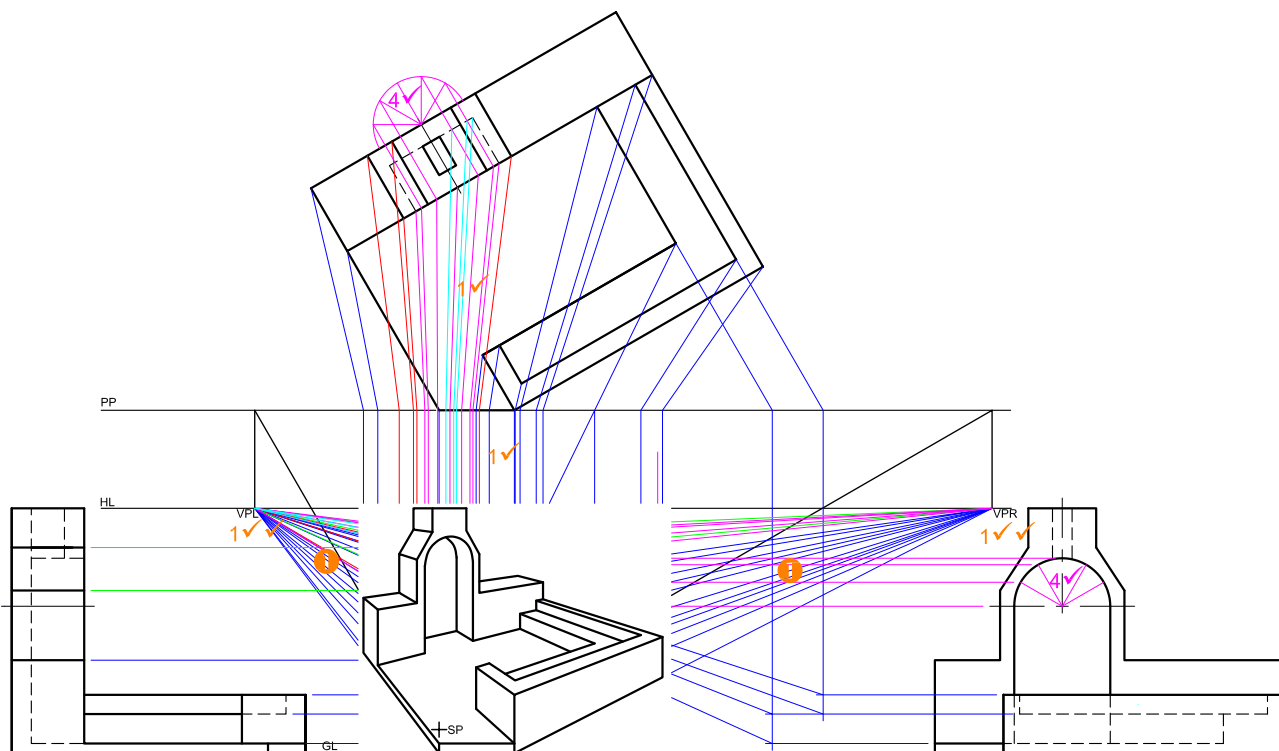
ANTWOORDE

1	01-10-2005	1
2	NASIEN VAN DIE TEKENING	1
3	3 m	1
4	Dr AL SATION	1
5	6	1
6	4	1
7	ERF 34	1
8	ROOI	1
9	BRUIN	1
10	VLOEI RIGTING	1
11	GRENSLYN	1
12	VERWYDER / BREEK AF / SLOOP	1
13	AANGRENSENDE GEBOU	1
14	SLOOP	1
15	4 m	1
16	15,97 m	2
17	NOORDOOS AANSIG	2
18	102,8 m [berekening 1, antwoord 2, meter 1]	4
19	356,87 m ² [berekening 1, antwoord 2, meter ² 1]	4
20	(Sien hieronder.)	3

TOTAAL: 30





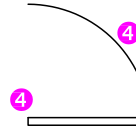


ASSESSERINGSKRITERIA		
1	KONSTRUKSIE + VP'e	7
2	BRAAI	14½
3	SITPLEKKE	13
4	HALFSIRKEL	5½
TOTAAL		40

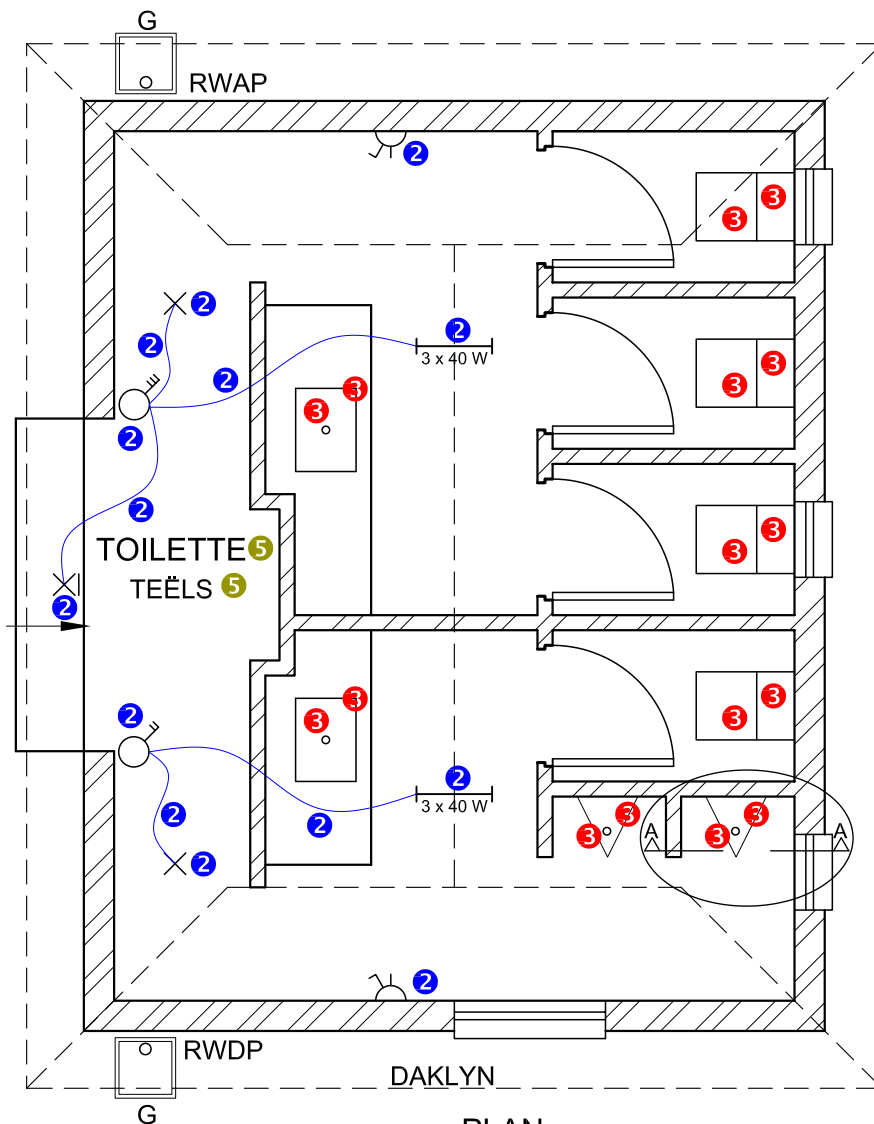
VRAESTEL 1 VRAAG 3
GRAAD 12
EXEMPLAR 2014
MEMORANDUM



PUNTETOEKENNING VIR 'N VENSTER
(2 x 4 vensters = 8)



PUNTETOEKENNING VIR 'N
DEUR (1 x 4 deure = 4)



PLAN
SKAAL 1 : 50

ASSESSERINGS KRITERIA

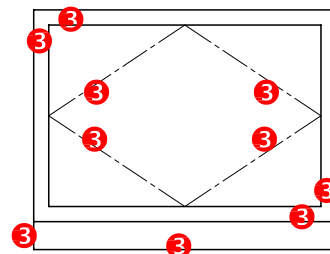
PLAN

1	DAK	12
2	VENSTER	7
3	FONDASIES + MURE + VLOERBLAD	8
4	ARSERING	4
5	URINAAL + BYSKRIFTE	1
SUBTOTAAL		32

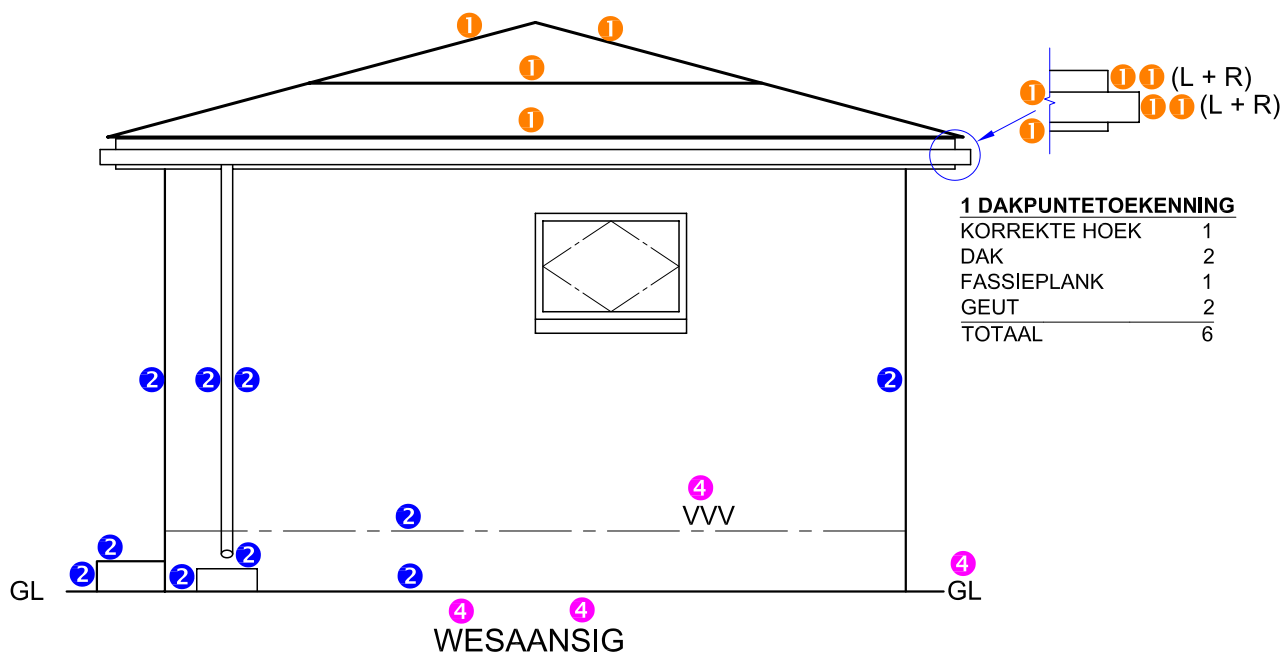
4 ARSERING PUNTETOEKENNING

VOLDOEN AAN SANS (TYPE)	2
ARSERING KORREK TOEGEPAS	2
TOTAAL	4

VRAESTEL 1 VRAAG 4
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BESONDERHEDE VIR
PUNTETOEKENNING VIR DIE
VENSTER (5)

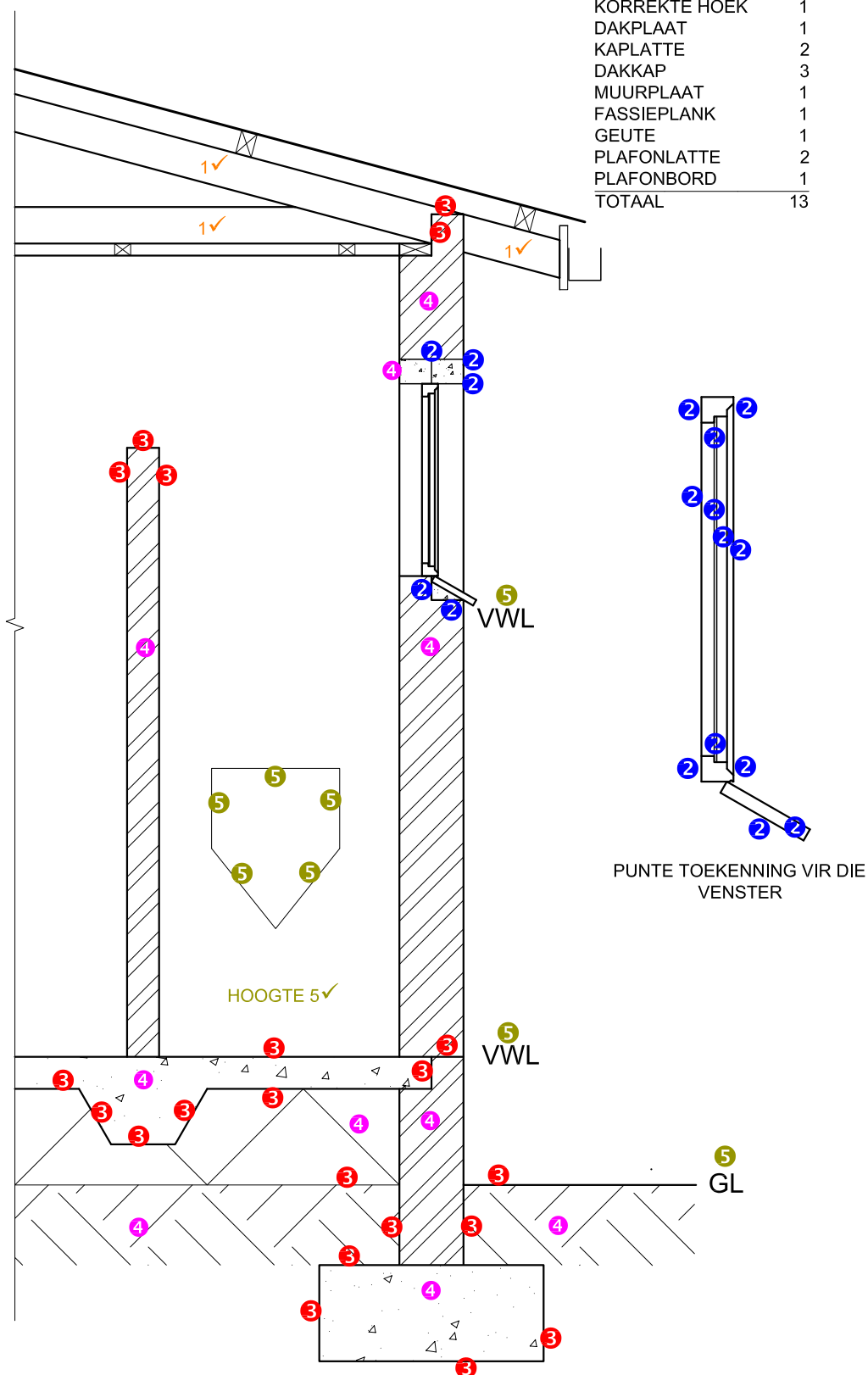


ASSESSERINGS KRITERIA		
WESAANSIG		
1	DAK	6
2	MURE + RWAP + VVV + S + TRAP	5
3	VENSTER	5
4	BYSKRIFTE	2
SUBTOTAAL		18

VRAESTEL 1 VRAAG 4
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1 DAKPUNTETOEKENNING

KORREKTE HOEK	1
DAKPLAAT	1
KAPLATTE	2
DAKKAP	3
MUURPLAAT	1
FASSIEPLANK	1
GEUTE	1
PLAFONLATTE	2
PLAFONBORD	1
TOTAAL	13

**ASSESSERINGS
KRITERIA****GEDETALLEERDE
TEKENING**

1	DAK	13
2	VENSTER	8½
3	FONDASIE + MURE + VLOERBLAD	10½
4	ARSERING	5
5	URINAAL + BYSKRIFTE	5
SUBTOTAAL		42

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