

ENGINEERING GRAPHICS AND DESIGN

INGENIEURSGRAFIKA EN -ONTWERP

PAPER 1

VRAESTEL 1

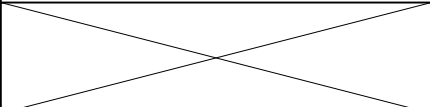
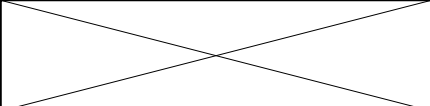
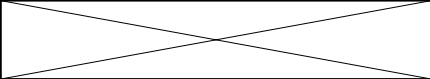
MEMORANDUM

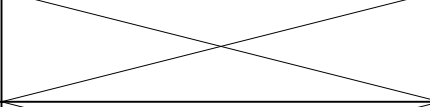
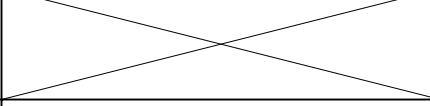
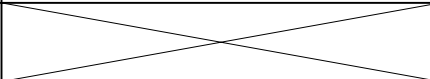
GR 11

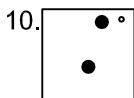
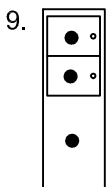
NOVEMBER 2015

This memorandum consists of 6 pages.

Hierdie memorandum bestaan uit 6 bladsye.

ANSWERS		
1	WC in wrong position. No window.	2
2	Line across door entrance is for external doors only.	1
3	No backdoor.	1
4	Sectioning.	1
5	Built in cupboards.	1
6	Cutting plane A-A.	1
7	An arched opening.	2
8	Incomplete window detail.	1
9		4
10		3
11	South Elevation.	1
12	Scale 1 : 50	1
13	220 mm.	1
14	$4.2 \times 4,2 = 17,64 \text{ m}^2$	3
15	$(10 \times 2) + (12 \times 2) = 44 \text{ m}$	3
16	$37 \times 50 = 1,85 \text{ m}$	2
17	North point	1
18		1
		30

ANTWOORDE		
1	WC in verkeerde posisie. Geen venster.	2
2	Lyn oor deuropening slegs vir buiteure.	1
3	Geen agterdeur.	1
4	Arsering.	1
5	Ingeboudekaste.	1
6	Snyvlak A-A.	1
7	'n Geboë opening.	2
8	Onvoltooide vensterbesonderhede.	1
9		4
10		3
11	Suidaansig.	1
12	Skaal 1 : 50	1
13	220 mm.	1
14	$4,2 \times 4,2 = 17,64\text{m}^2$	3
15	44 m	3
16	$37 \times 50 = 1,85 \text{ m}$	2
17	Noordpunt	1
18		1
		30



18. FLOOR PLAN
VLOERPLAN

● FREEHAND
VRYHAND

● FREEHAND
VRYHAND

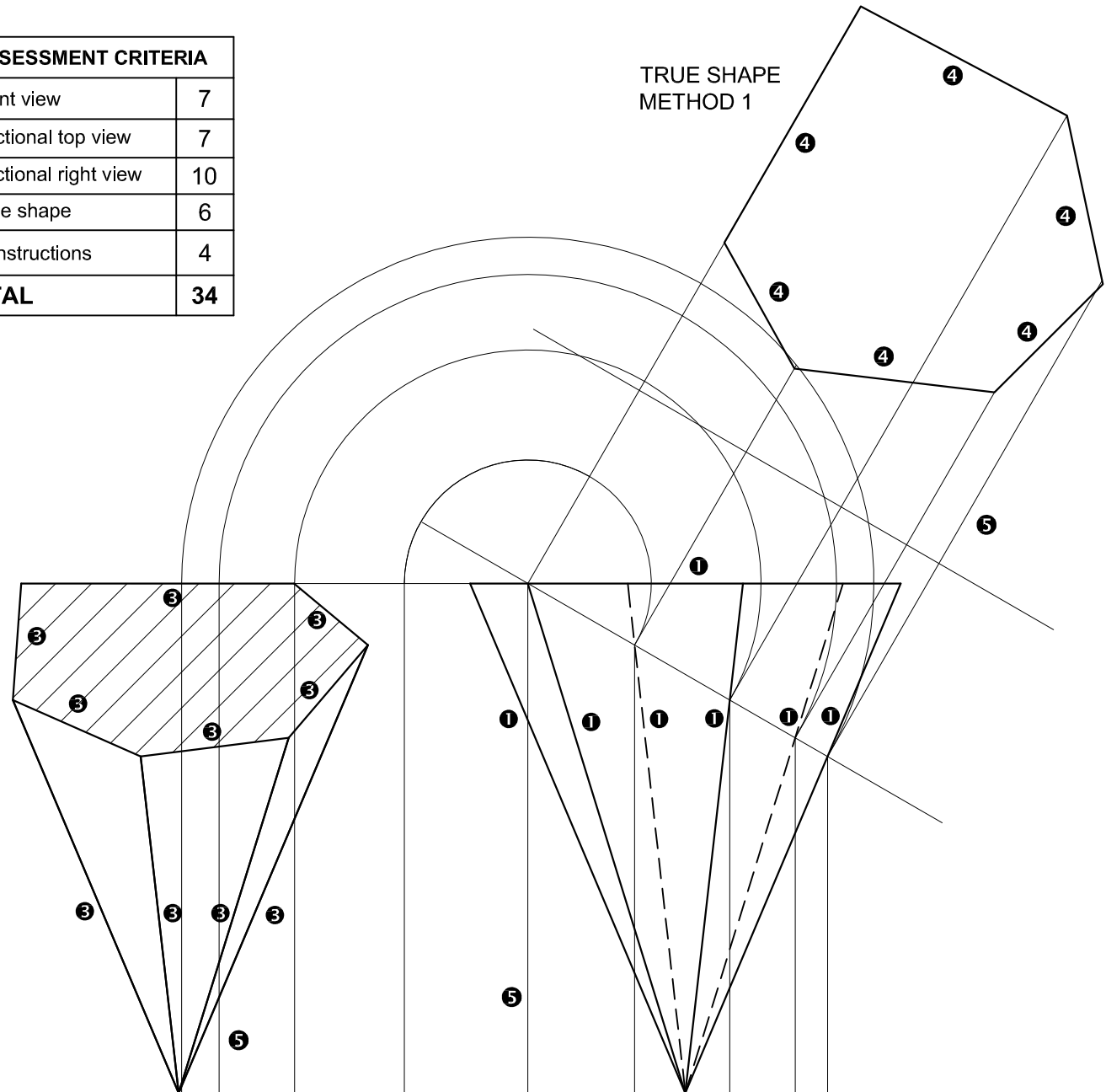
MEMORANDUM

PAPER 1 QUESTION 2
GR 11 NOVEMBER 2015

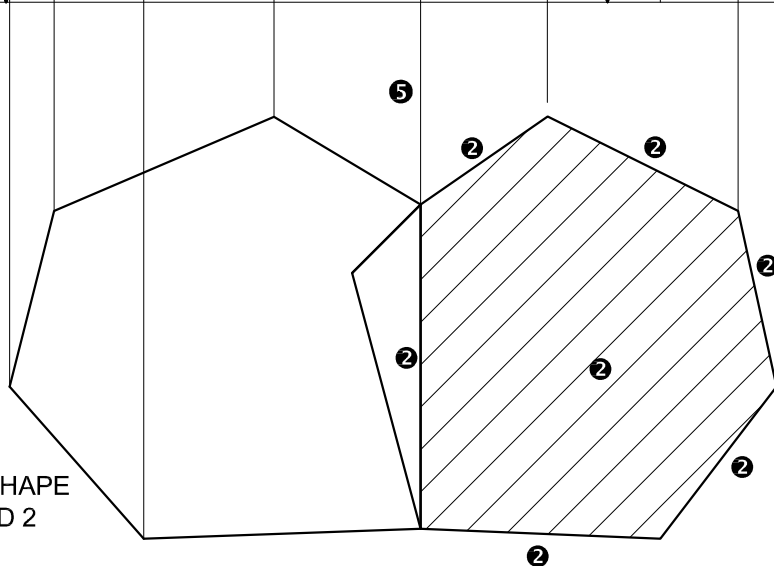
VRAESTEL 1 VRAAG 2
GR 11 NOVEMBER 2015

ASSESSMENT CRITERIA	
1 Front view	7
2 Sectional top view	7
3 Sectional right view	10
4 True shape	6
5 Constructions	4
TOTAL	34

TRUE SHAPE
METHOD 1



TRUE SHAPE
METHOD 2

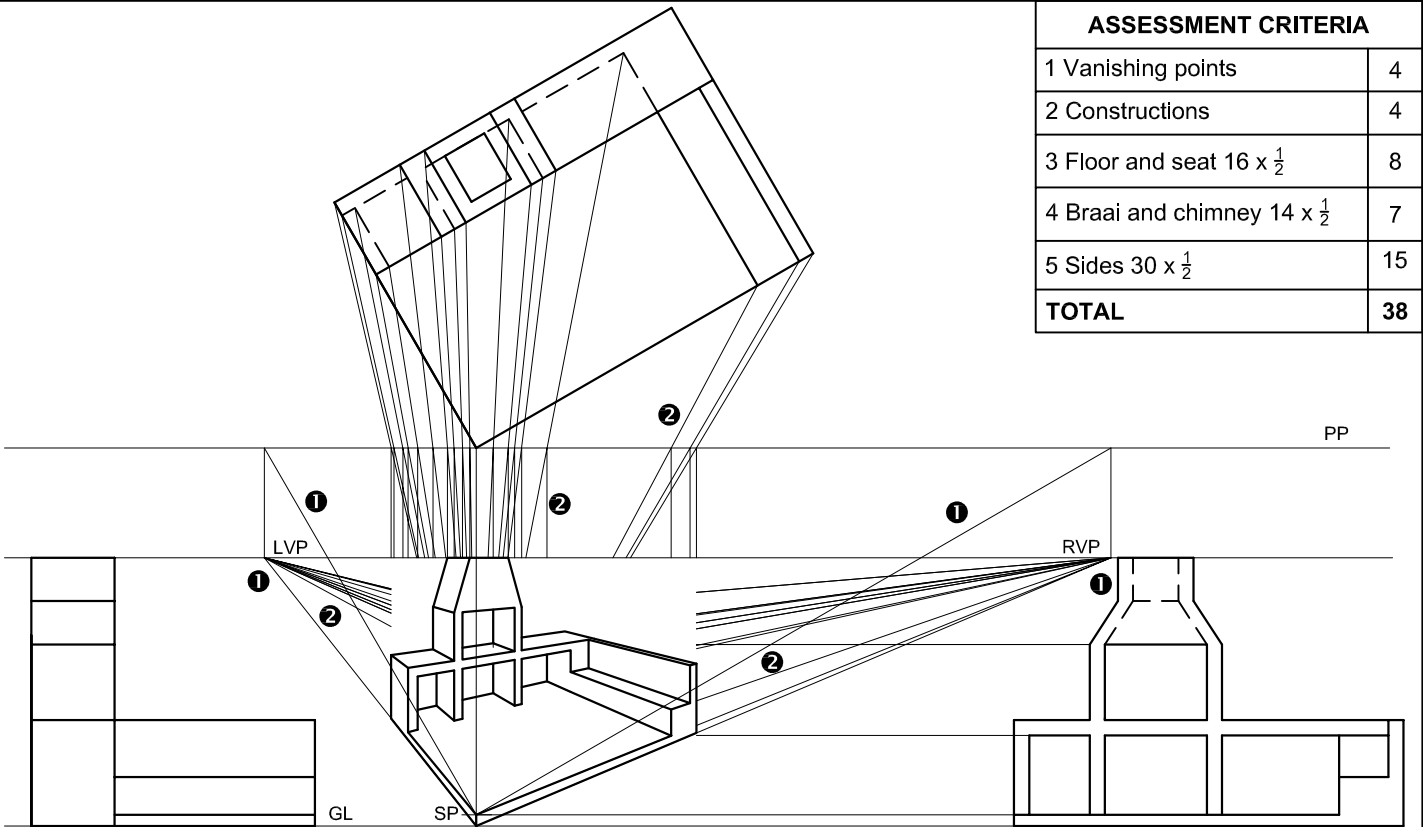


ASSESSERINGSKRITERIA	
1 Vooraansig	7
2 Deursnee-boaansig	7
3 Deursnee-regteraansig	10
4 Ware vorm	6
5 Konstruksies	4
TOTAAL	34

MEMORANDUM

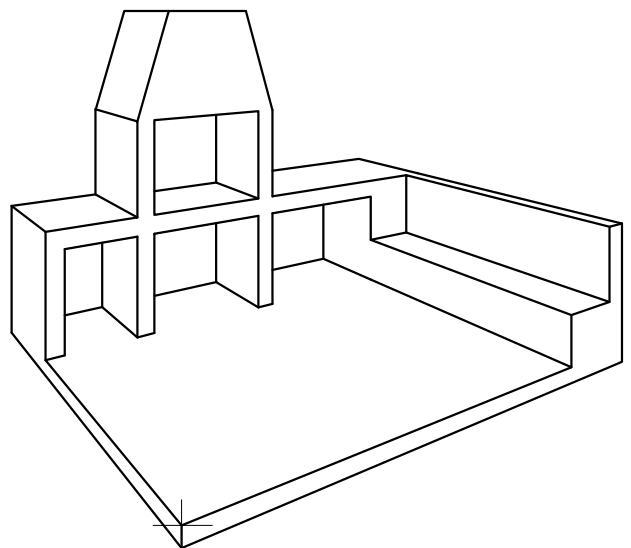
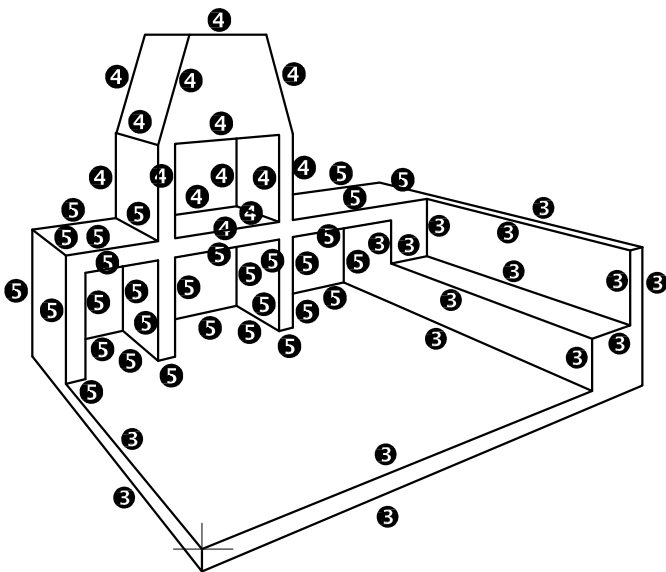
ASSESSMENT CRITERIA

1 Vanishing points	4
2 Constructions	4
3 Floor and seat 16 x 1/2	8
4 Braai and chimney 14 x 1/2	7
5 Sides 30 x 1/2	15
TOTAL	38



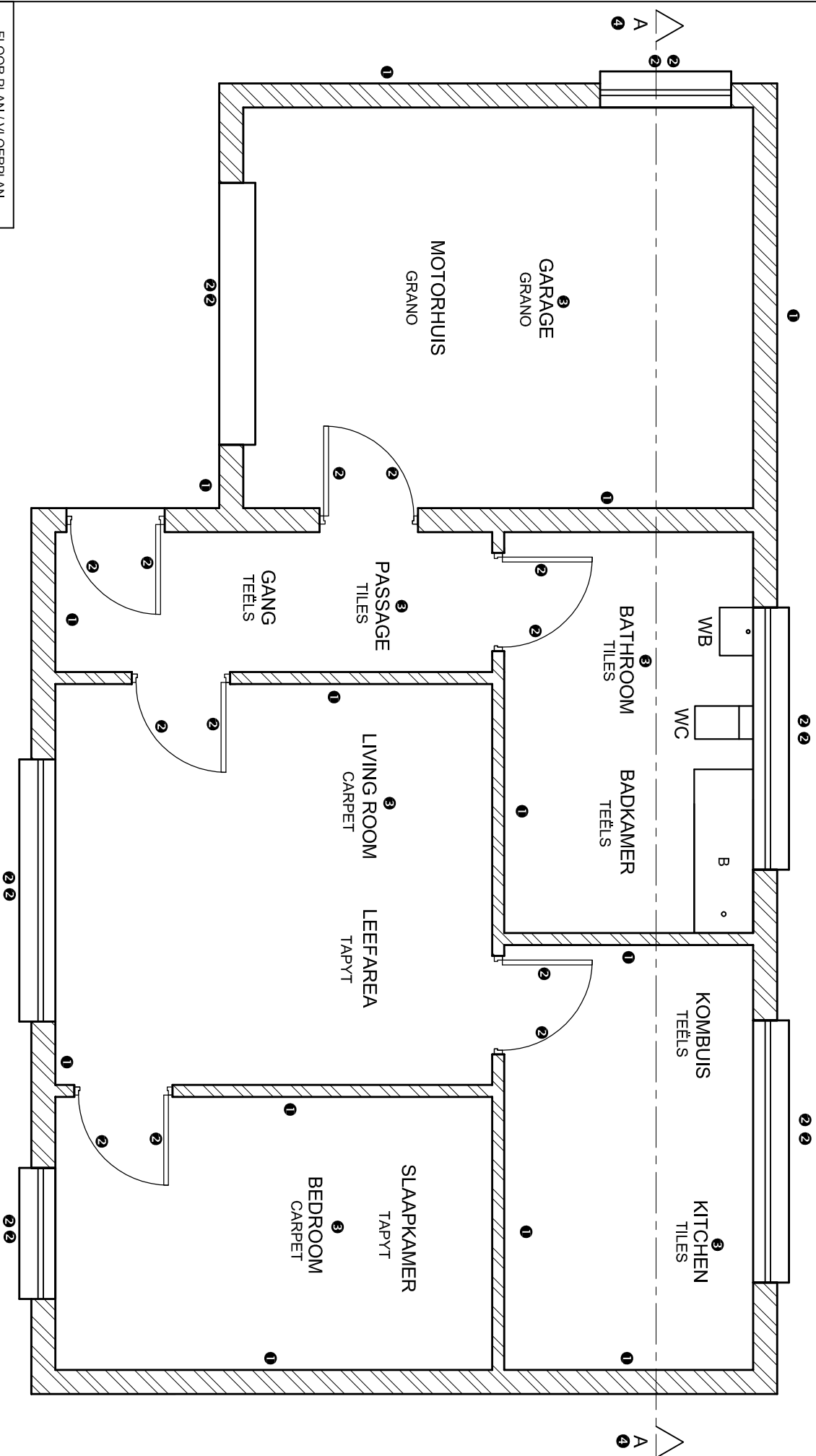
ASSESSERINGSKRITERIA

1 Verdwynpunte	4
2 Konstruksies	4
3 Vloer en sitplek 16 x 1/2	8
4 Braai en skoorsteen 14 x 1/2	7
5 Kante 30 x 1/2	15
TOTAAL	38



VRAESTEL 1 VRAAG 4
GR 11 NOVEMBER 2015

PAPER 1 QUESTION 4
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FLOOR PLAN / VLOERPLAN

1 HATCHING / ARSERING	13
2 DOORS AND WINDOWS / DEURE EN VENSTERS	24
3 ROOMS AND FLOOR FINISH / KAMERS EN VLOERAFWERKING	6
4 CUTTING PLANE / SNIJ	2
SUBTOTAL / SUBTOTALE	45

MEMORANDUM

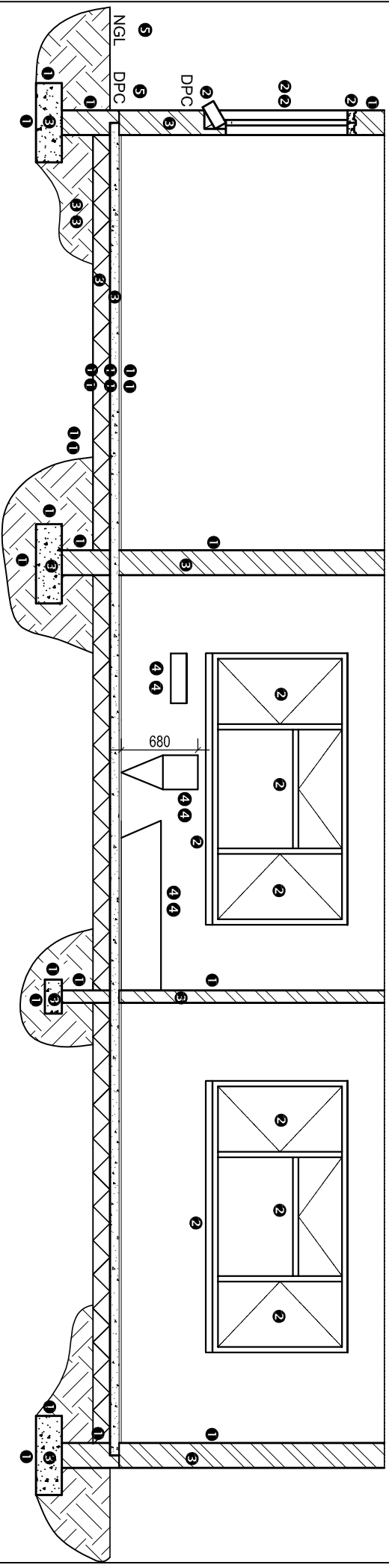
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NB
MEMORANDUM
CONTINUES ON PG 6

LW
MEMORANDUM VOLG
AAN OP BL 6

VRAESTEL 1 VRAAG 4
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PAPER 1 QUESTION 4
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SECTIONAL ELEVATION AA-
SNITTAANSIG A-A

SECTIONAL ELEVATION		SNITTAANSIG	
1 FOUNDATION AND WALLS	24	1 FONDAASIE EN MUUR	24
2 WINDOWS AND LINTELS	12	2 VENSTERS EN LATEI	12
3 HATCHING	6	3 ARSERING	6
4 SANITARY FIXTURES	6	4 SANITÊRE TOEBEHORE	6
5 LABELS	5	5 BYSKRIFTE	5
SUB TOTAL	53	SUBTOTAAL	53
TOTAL	98	TOTAAL	98

MEMORANDUM

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