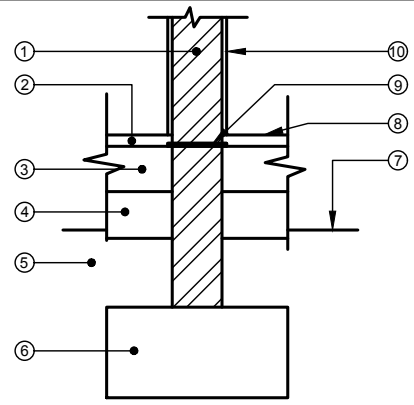
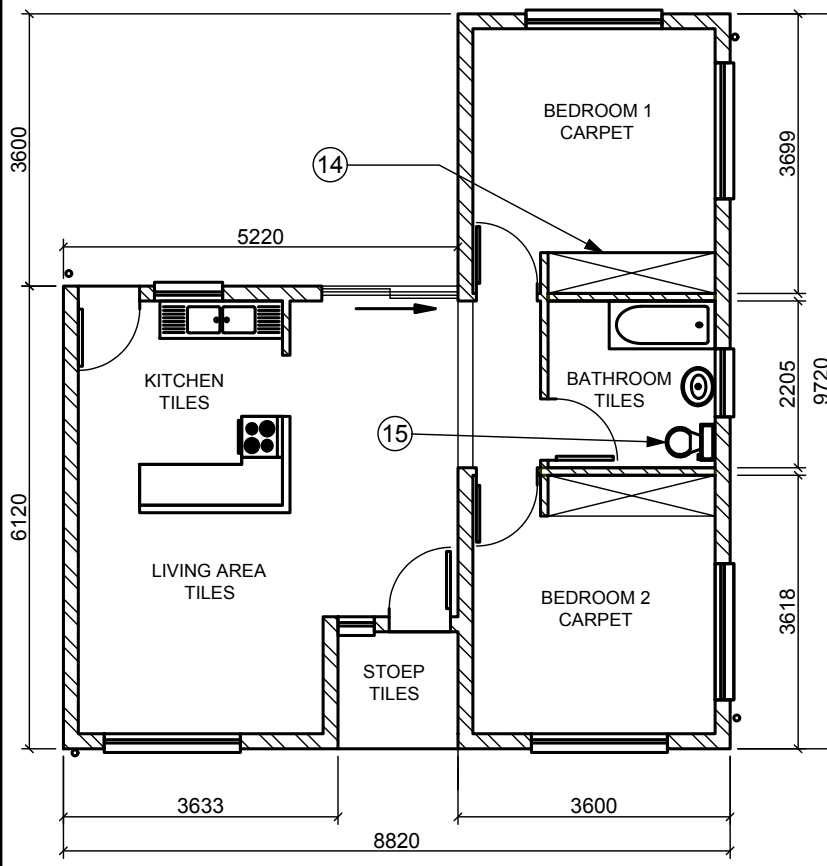
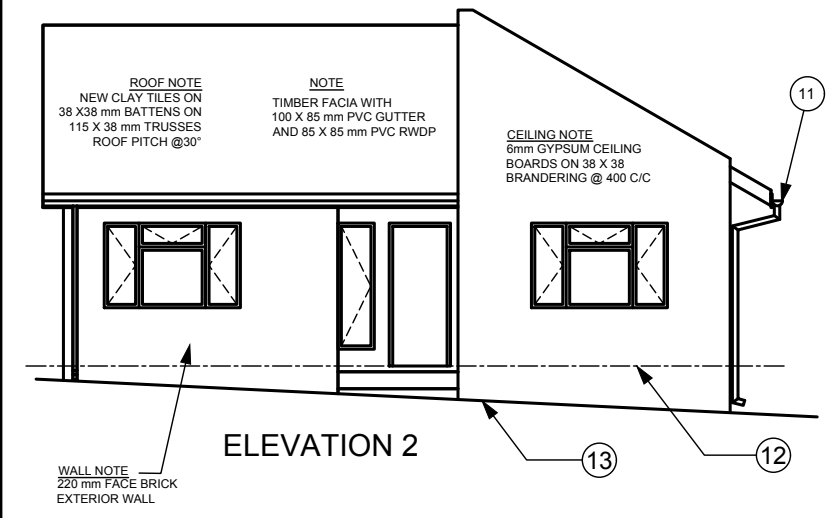


**QUESTION 1: ANALYTICAL (CIVIL)**

**Given:**  
Two elevations and a title panel are shown.

**Instructions:**  
Complete the table by neatly answering the questions, which refer to the accompanying drawing and title panel.  
PRINTING in PENCIL in the prepared column.



**EAST COAST ARCHITECTS**

125 MAIN ROAD  
DURBAN  
9876  
info@eka.co.za

DATE DRAWN: 2018-09-16  
DRAWN BY: JOHANNES

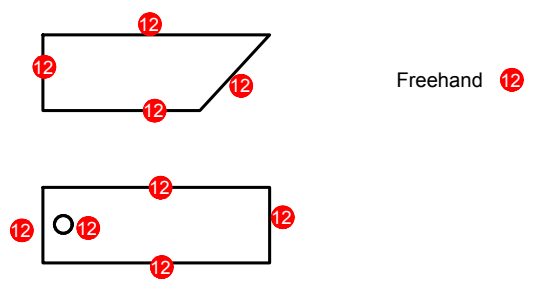
PRINTED BY: L & K PRINTERS  
DATE PRINTED: 2018-10-08

PROPOSED NEW HOUSE FOR MR & MRS FJ DU PLESSIS ON STAND 857, DURBAN

CHECKED BY: JANNIE  
DATE OF REVISION: 2018-10-20

REFERENCE CODE: Q1P1N2018  
PROJECT NUMBER: NOVP12018  
DRAWING NUMBER: JB191018

**ANSWER 12**



QUESTION		ANSWERS			
1	With reference to the detailed drawing of a section through the substructure of a non-load-bearing wall, link the number on the drawing with the correct component in the column to the right of this question	INTERNAL WALL	1	1	
		CONCRETE SLAB	3	1	
		UNDISTURBED EARTH	5	1	
		GROUND LEVEL	7	1	
		DAMP PROVE COARSE	9	1	
		SCREED	2	1	
		HARDCORE	4	1	
		FOUNDATION	6	1	
		FINISHED FLOOR LEVEL	8	1	
2	What is the project number?	NOVP12018		1	
3	Who drew the drawing?	JOHANNES		1	
4	On what date was the elevations plan printed?	2018-10-08		1	
5	Who printed the elevations?	L & K PRINTERS		1	
6	Who is the client?	MR & ME FJ DU PLESSIS		1	
7	Name the feature indicated at number 11	GUTTER		1	
8	What does the line at 12 indicate?	FINISHED FLOOR LEVEL		1	
9	What does the line numbered 13 indicate?	GROUND LEVEL		1	
10	Name the feature numbered 14.	BUILT IN CUPBOARD		1	
11	What is the abbreviation for the appliance numbered 15?	WC		1	
12	In the space provided, draw freehand, the front view and top view of the SANS convention for a bath			5	
13	In the space below (ANSWER 13), determine the perimeter of the proposed new house in meters.			4	
14	In the space below (ANSWER 14), determine the TOTAL FLOOR area of BEDROOM 1 in square meters, rounded off to 2 decimals.			5	
				TOTAL	33

**ANSWER 13**

PERIMETER = 9.72 + 8.82 + 6.12 + 5.22 + 3.6  
 = 37.08m

**ANSWER 14**

AREA = 3699 - 220 = 3479  
 = 3600 - 440 = 3160  
 AREA = 3.479 x 3.160  
 = 10.99m<sup>2</sup>





**QUESTION 3: PERSPECTIVE**

**Given:**

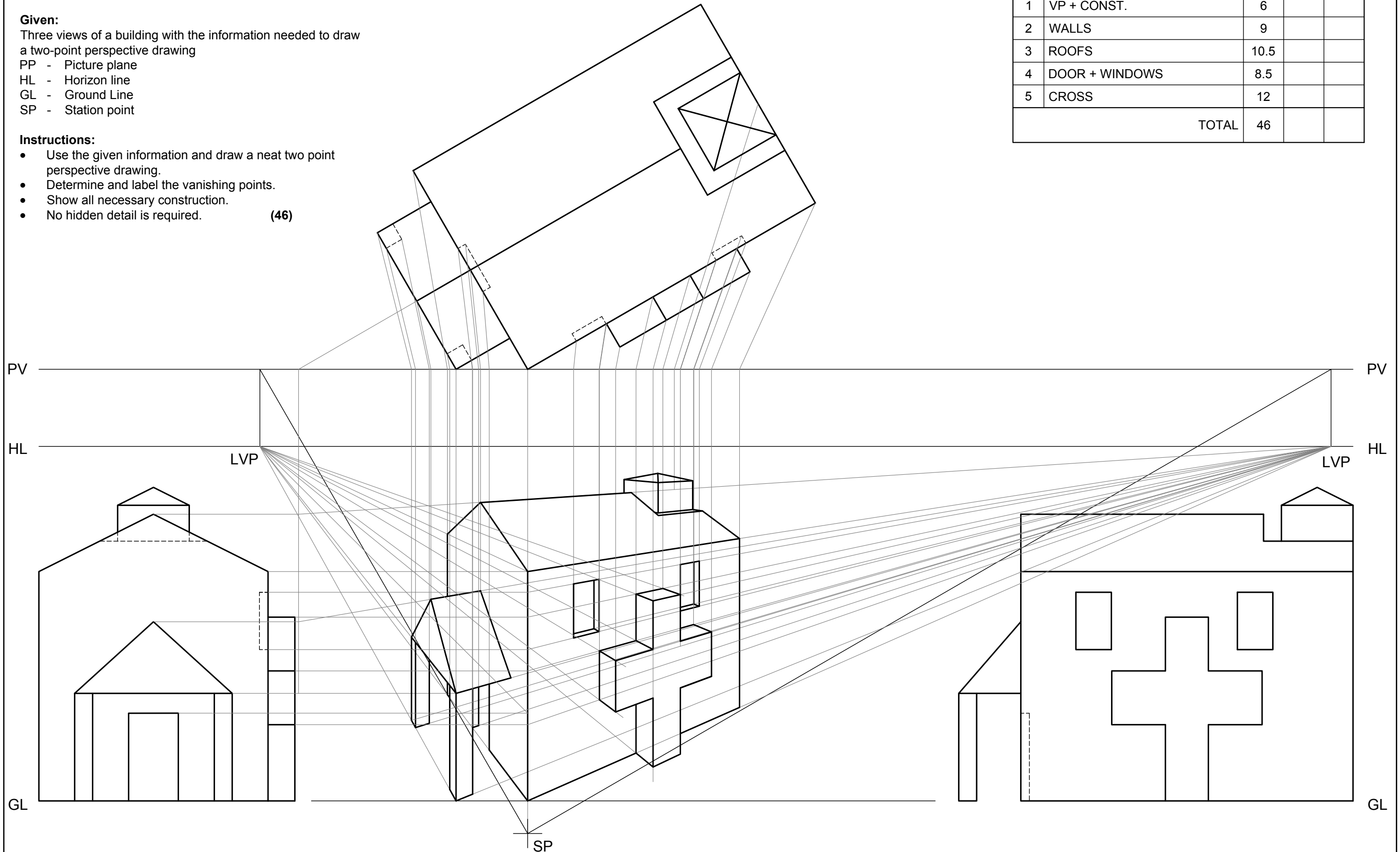
Three views of a building with the information needed to draw a two-point perspective drawing

- PP - Picture plane
- HL - Horizon line
- GL - Ground Line
- SP - Station point

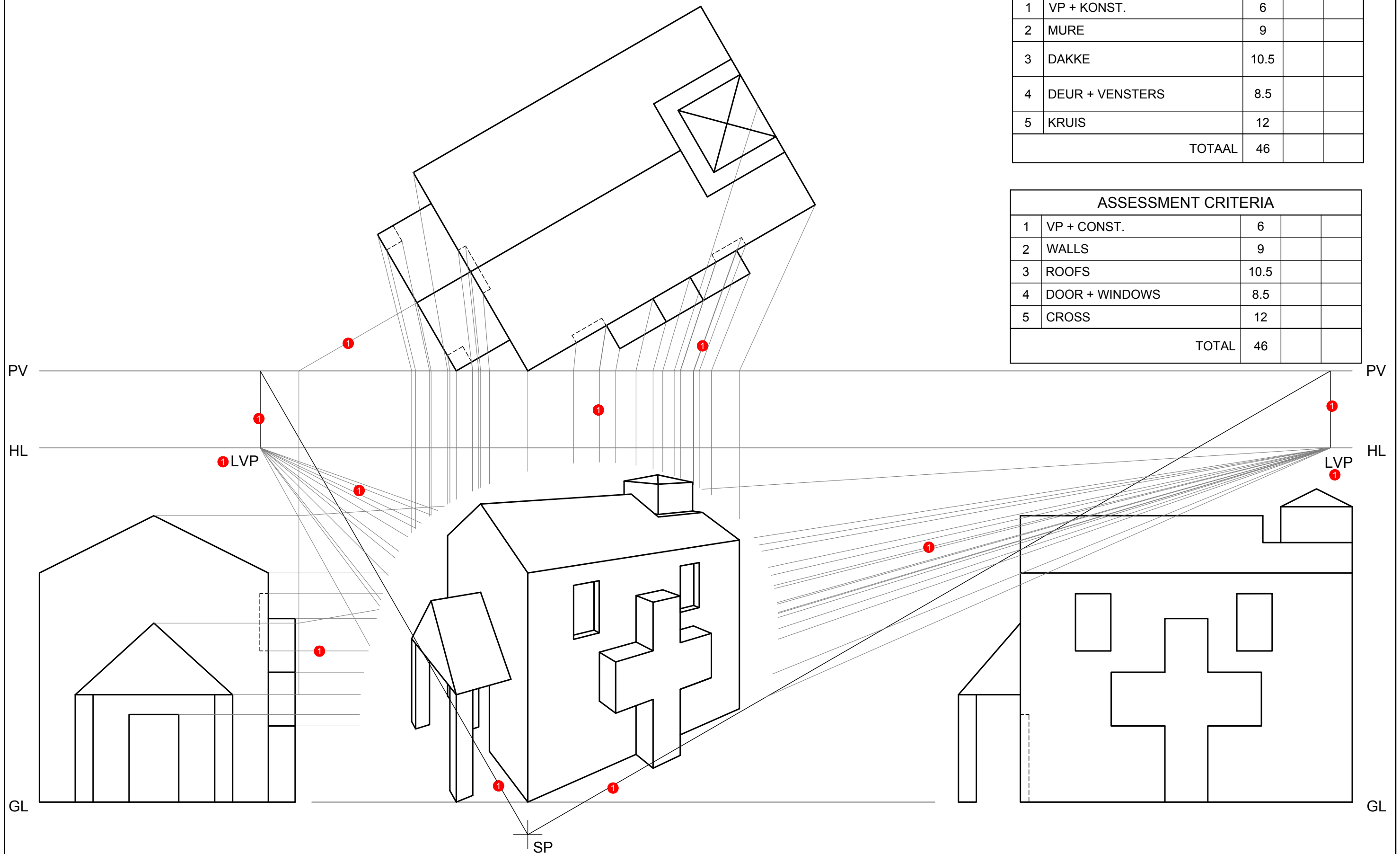
**Instructions:**

- Use the given information and draw a neat two point perspective drawing.
- Determine and label the vanishing points.
- Show all necessary construction.
- No hidden detail is required. **(46)**

ASSESSMENT CRITERIA				
1	VP + CONST.	6		
2	WALLS	9		
3	ROOFS	10.5		
4	DOOR + WINDOWS	8.5		
5	CROSS	12		
TOTAL		46		



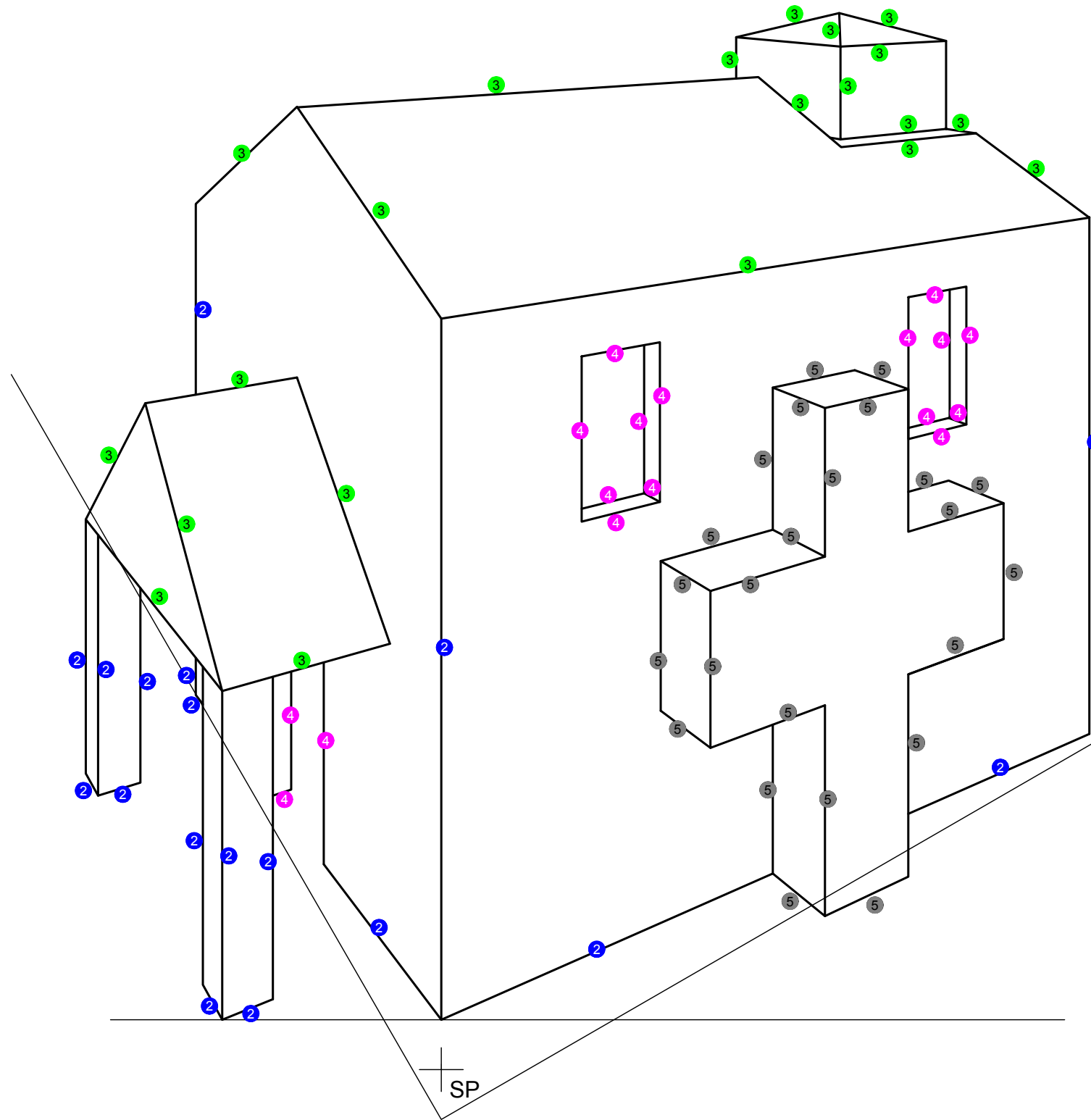
KRAM



ASSESSERINGSKRITERIA				
1	VP + KONST.	6		
2	MURE	9		
3	DAKKE	10.5		
4	DEUR + VENSTERS	8.5		
5	KRUIS	12		
TOTAAL		46		

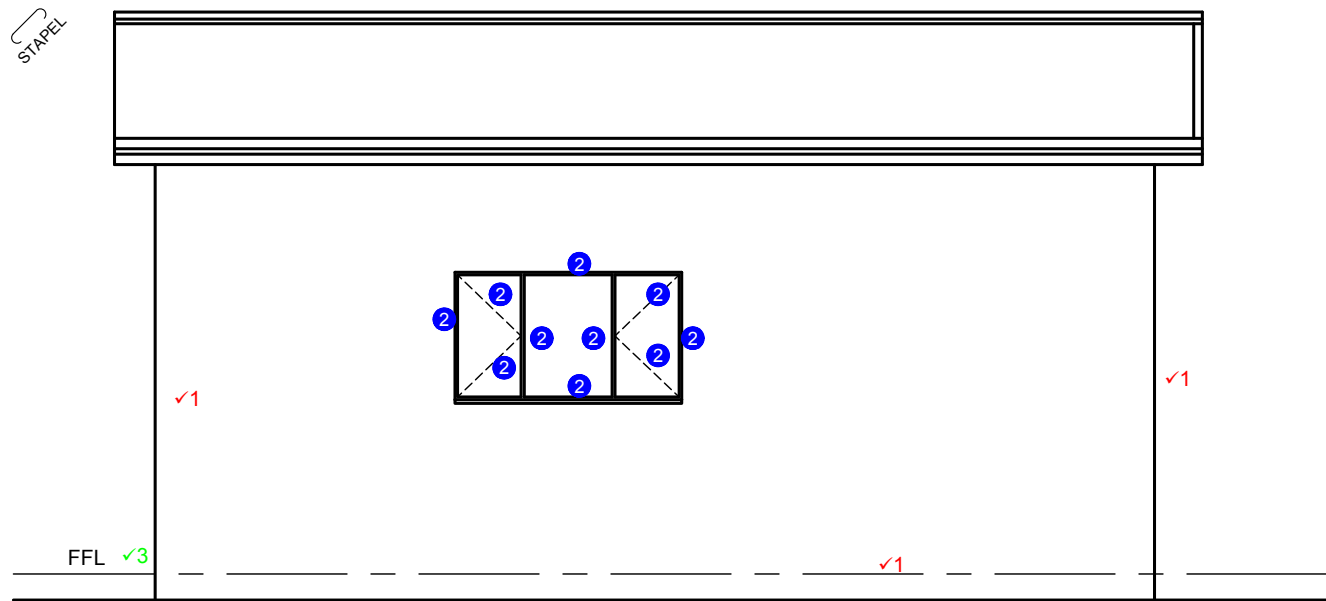
ASSESSMENT CRITERIA				
1	VP + CONST.	6		
2	WALLS	9		
3	ROOFS	10.5		
4	DOOR + WINDOWS	8.5		
5	CROSS	12		
TOTAL		46		

KRAM

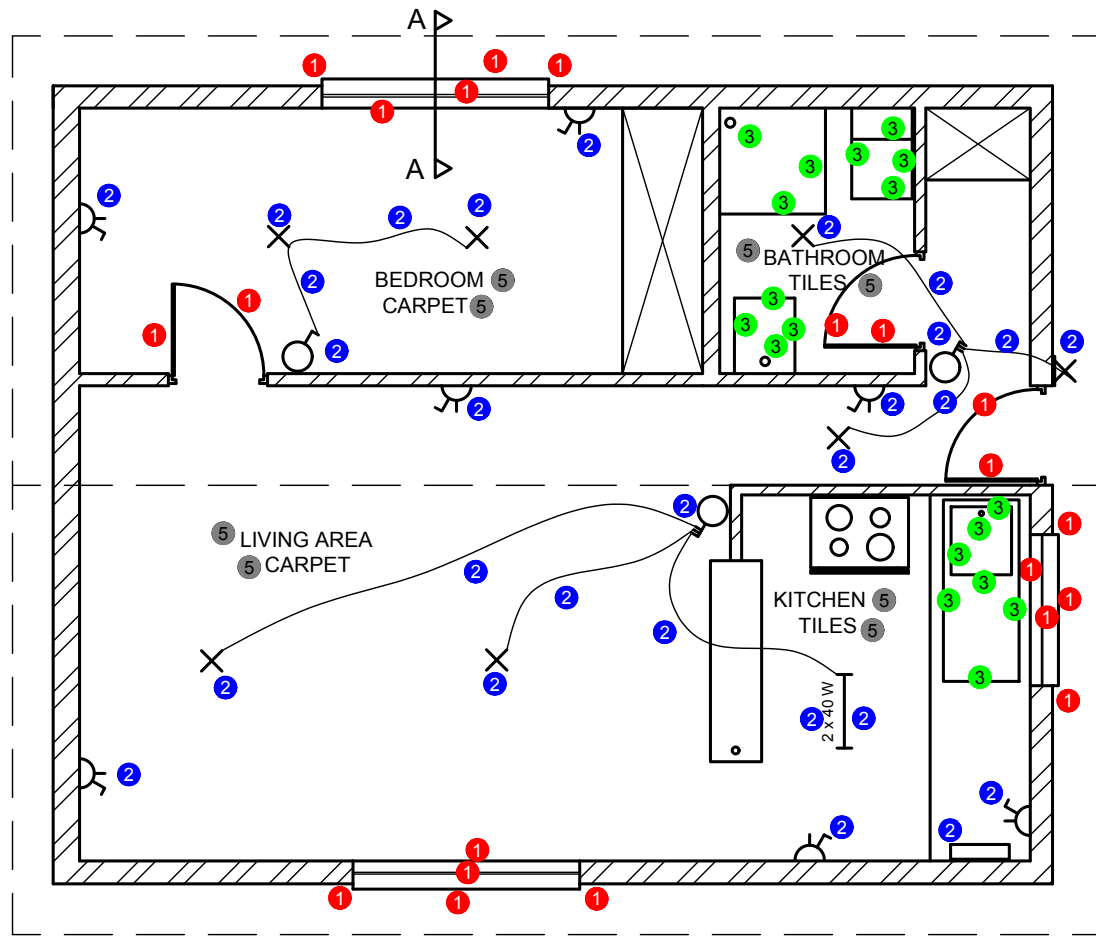


ASSESSERINGSKRITERIA				
1	VP + KONST.	6		
2	MURE	9		
3	DAKKE	10.5		
4	DEUR + VENSTERS	8.5		
5	KRUIS	12		
TOTAAL		46		

ASSESSMENT CRITERIA				
1	VP + CONST.	6		
2	WALLS	9		
3	ROOFS	10.5		
4	DOOR + WINDOWS	8.5		
5	CROSS	12		
TOTAL		46		

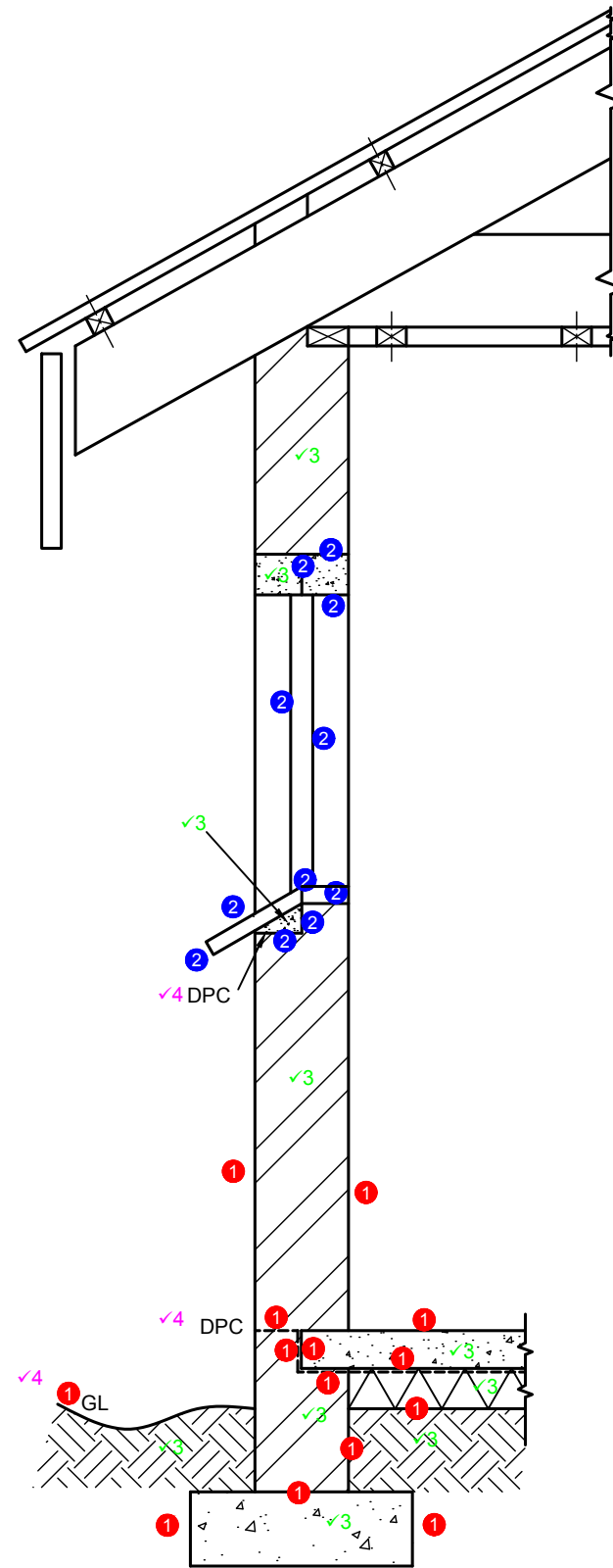


WEST ELEVATION ✓3  
SCALE 1:50 ✓3



FLOORPLAN ✓5  
SCALE 1:50 ✓5

● HATCHING  
COMPLETELY HATCH 2  
CORRECT SANS 2  
TOTAL 4



SECTION VIEW ON A-A ✓4  
SCALE 1:20 ✓4

ASSESSMENT CRITERIA			
FLOOR PLAN			
1	DOORS + WINDOWS	10.5	
2	ELECTRICAL	13.5	
3	FIXTURES	9	
4	HATCHING	4	
5	LABELS	6	
SUB TOTAL 1		43	
WEST VIEW			
1	WALLS + FFL	3	
2	WINDOWS	5	
3	LABELS	3	
SUB TOTAL 2		11	
SECTIONAL ELEVATION			
1	FOUNDATION + WALL	7	
2	WINDOW	4	
3	HATCHING	10	
4	LABELS	5	
SUB TOTAL 3		26	
TOTAL		80	