

073206T4BLD

BUILDING TECHNICIAN LEVEL 6

CON/OS/BUT/CR/01/6

Produce Building Drawings

July/August 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

INSTRUCTIONS TO THE ASSESSOR

1. Assess the candidate as the practical pro serving the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessor's Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK 1: DRAW THE FLOOR PLAN TO SCALE OF 1:100 AND PRINT ON A3			
1. Set the scale as per working instructions. <i>(Award 1 Mark or zero)</i>			
2. Drew the walls as per the working drawing. <i>(Award 1 mark or zero)</i>	1		
3. Drew the slab as per the working drawing. <i>(Award 1 mark or zero)</i>	1		
4. Interpreted and positioned doors, opening and windows as per the working drawings. <i>(Award 1 mark for positioning doors, 1 mark for positioning opening and 1 mark for positioning windows)</i>	3		

5. Drew the roof as per the working drawing. (Award 1 mark or zero)	1		
6. Lettered as per the working drawing. (Award 1 mark or zero)	1		
7. Placed objects as per the working drawing. (Award 1 mark or zero)	1		
8. Dimensioned the plan. (Award 1 mark or zero)	1		
9. Opened A3 layout (Award 1 mark or zero)	1		
10. Placed the plan drawing on the A3 layout (Award 1 mark or zero)	1		
11. Set the margins (Award 1 mark or zero)	1		
12. Saved the plan in PDF (Award 1 mark or zero)	1		
13. Printed the plan on A3 sheet. (Award 1 mark or zero)	1		
Sub-Total 1	15		
TASK 2: RENDER EAST, WEST, NORTH AND SOUTH ELEVATIONS TO SCALE OF 1:200 AND PRINT ON A3			
14. Opened the elevations tab. (Award 1 mark or zero)	1		
15. Rendered the elevations (Award 2 marks or zero)	2		

16. Opened A3 layout (Award 1 mark or zero for each)	1		
17. Placed the elevation drawing on the A3 layout (Award 1 mark or zero)	1		
18. Set the margins (Award 1 mark or zero)	1		
19. Saved the elevations in PDF (Award 1 mark or zero)	1		
20. Printed the elevations on the A3 sheet. (Award 1 mark or zero)	1		
Sub-Total 2	8		
TASK 3: DRAW SECTION X-X TO A SCALE OF 1:100 AND PRINT ON A4			
21. Drew section x-x on the floor plan (Award 1 mark or zero)			
22. Opened section tab (Award 1 mark or zero)	1		
23. Detailed the foundation (Award 1 mark or zero)	1		
24. Detailed the foundation wall (Award 1 mark or zero)	1		
25. Detailed the floor (Award 1 mark or zero)	1		
26. Detailed the roof (Award 1 mark or zero)	1		
27. Opened A4 layout (Award 1 mark or zero)	1		

28. Placed the section drawing on the A4 layout (Award 1 mark or zero)	1		
29. Set the margins (Award 1 mark or zero)	1		
30. Saved the section in PDF (Award 1 mark or zero)	1		
31. Printed on A4 sheet. (Award 1 mark or zero)	1		
Sub-Total 3	11		
PRODUCT CHECKLIST			
A PLAN, ELEVATION AND SECTION DRAWING AS PER WORKING DRAWING			
Plan	Marks Available	Marks Obtained	Comments
32. Interpretation			
33. Scale 1:100 (Award 1 Mark or zero)			
34. Dimensioning - BR1-3200 x 2900 - Lounge-3000 x 1750 - Sitting-4600 x 2300 - BR2-4600 x 2300 (Award 2 marks or zero for each)	8		
35. Lettering - BR1 - Lounge - Sitting - BR2 (Award 1/2 mark or zero for each)	2		

36. Objects • BR1 bed • BR2 bed • Couch <i>(Award 1 mark or zero for any two)</i>	2		
37. Doors and windows correctly positioned • 5 windows • 4 doors • 1 opening <i>(Award 1 mark for each door, 1 mark for opening and 1 mark for each window)</i>	10		
38. Doors • Type • Orientation <i>(Award 1 mark or zero for each)</i>			
39. Windows • Type • Orientation <i>(Award 1 mark or zero for each)</i>	1 1		
40. Opening • Dimension <i>(Award 1 mark or zero)</i>	1		
Sub-Total 4	25		
Elevation	Marks Available	Marks Obtained	Comments
Number of elevations <i>(Award 1/2 mark or zero for each)</i>	2		
Scale 1:200	2		

<i>(Award 1/2 mark or zero for correct scale for each elevation)</i>			
Margins per elevation <i>(Award 1/2 mark or zero for correct margin for each elevation)</i>	2		
Rendering <i>(Award 1/2 mark or zero for rendering of each elevation)</i>	2		
Sub-Total 5	8		
Section x-x	Marks Available	Marks Obtained	Comments
41. Scale 1:100 <i>(Award 1 mark or zero)</i>	1		
42. Dimension ➤ Foundation 600 x 200 ➤ Foundation wall dimension 900 x 300 ➤ Floor detail dimensions • 300 hardcore • 150 blinding • 200 concrete floor slab ➤ Roof Pitch 25 <i>(Award 1 mark or zero for correct dimension)</i>	6		
43. Labels • Foundation	6		

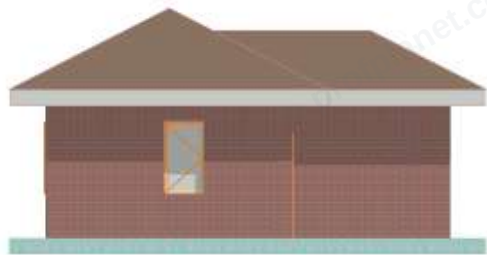
• Foundation concrete mix 1:2:4 • Foundation wall • 300 hardcore • 150 blinding • 1000G DPM • A142 BRC • 200 concrete floor slab(1:2:4) • Concrete floor slab mix 1:2:4 • Pitch 25 • Purlins • Rafters • Roof material <i>(Award 1/2 mark or zero for correct label)</i>			
Sub-Total 6	13		
GRAND TOTAL	85		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet Competent ☐ <i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>			
Feedback from the Candidate:			

Feedback to the Candidate:	
Candidate Signature	Date:
Assessor's Signature	Date



East Elevation

1:100



North Elevation

1:100



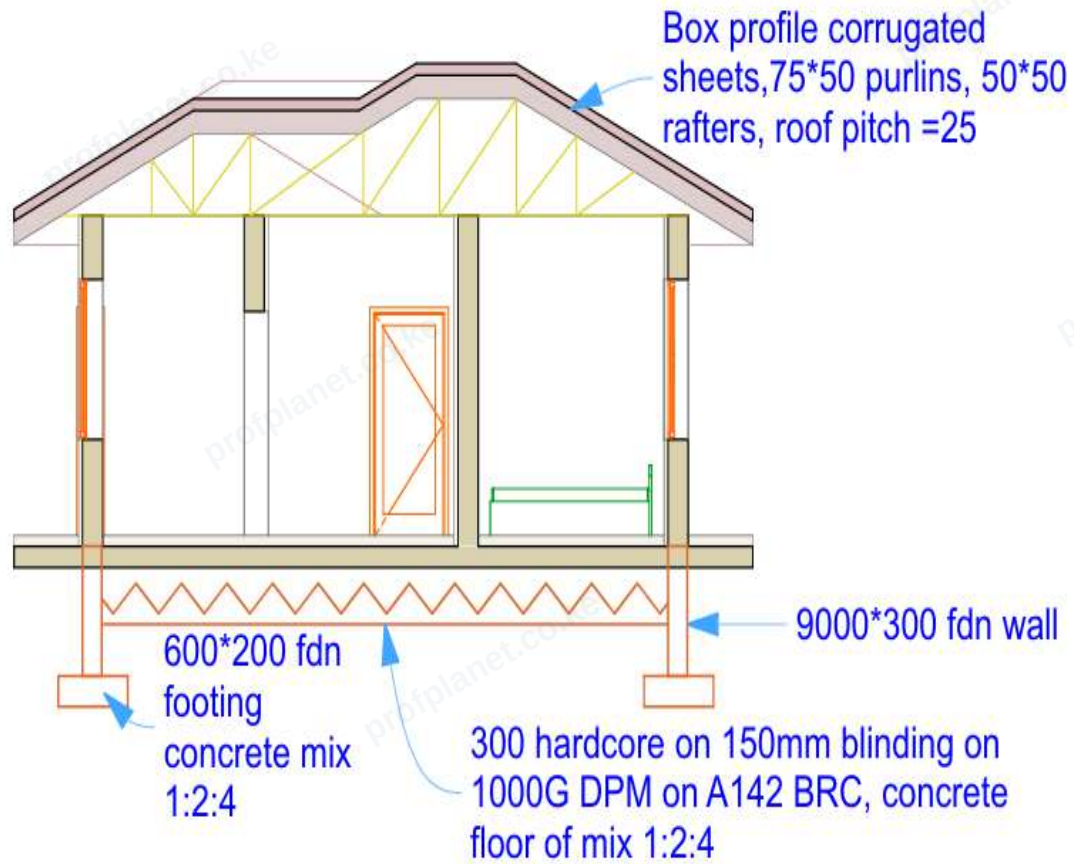
South Elevation

1:100



West Elevation

1:100



X-X

Building Section

1:100