



EGD Grade 10

Final presentation of the PAT

Developed by: PC Viljoen
Senior Educational Specialist for
Engineering Graphics and Design
Free State Province

THE COVER PAGE OF THE PAT

- Note the following:
 - The cover page is the final convincing factor for the client to use your project and should be the result of a good effort.

THE COVER PAGE OF THE PAT

- Make a graphic copy of the isometric drawing and use it on the cover page

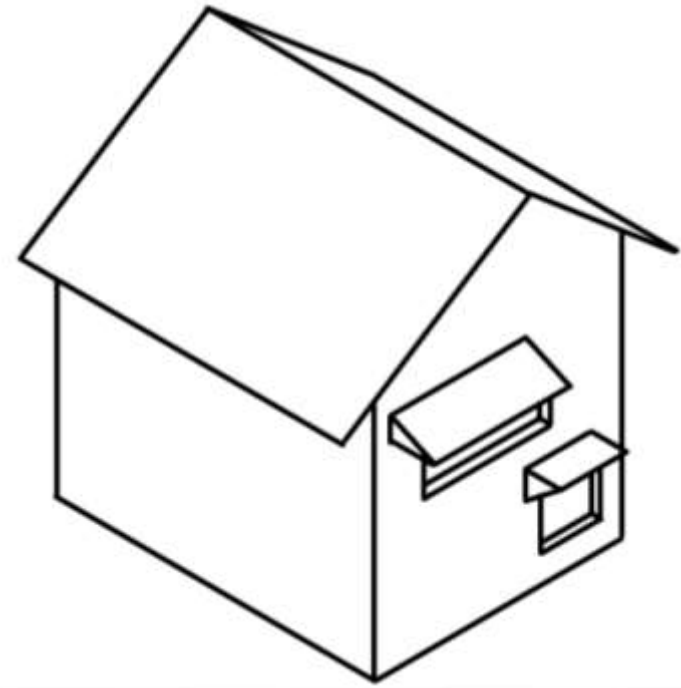
THE COVER PAGE

- ➔ Use the isometric drawing to copy a graphic image for the cover page

ENGINEERING GRAPHICS AND DESIGN

PRACTICAL ASSESSMENT TASKS
Grade 10

2021



Project submitted by: _____

Grade 10 _____

THE INDEX

- Note the following:
 - The index should be done last in order to make sure the PAT is in the correct sequence and the pages are numbered accordingly.
 - Use the summative assessment criteria and checklist sheet to determine the correct sequence of the PAT.

THE INDEX

Index

PHASE 1:

1. Presentation requirements	p	<u>1</u>
1.1. Design Brief (What it is all about)	p	<u>1</u>
1.2. The process to follow (Who is responsible for what)	p	<u>1</u>
1.3. List of specifications	p	<u>2</u>
1.4. List of constraints	p	<u>2</u>
1.5. Management plan	p	<u>3</u>
2. Research	p	<u>4</u>
2.1. Layouts and placing of till points of small bakeries & butcheries.	p	<u>4</u>
2.2. Types & sizes of refrigerated display units & walk-in refrigerators.	p	<u>6</u>
2.3. Designs and construction detail of mono pitch roofs.	p	<u>8</u>
2.4. Sizes and details of shop frontage glass windows and doors.	p	<u>10</u>
3. Freehand drawings of TWO possible design solutions	p	<u>12</u>
3.1. Solution 1	p	<u>12</u>
3.2. Solution 2	p	<u>13</u>
4. Indication of advantages and disadvantages	p	___
5. Scoring and selecting the best freehand solution	p	___
6. Complete the management plan	p	___

PHASE 2:

7. Working drawings of the selected proposed solution on an A3 page

CORRECT SEQUENCING OF ALL PRESENTATION REQUIREMENTS

- Note the following:
 - After the index, the summative assessment sheet follow

Engineering Graphics and Design
Practical Assessment Task (PAT)

PRACTICAL ASSESSMENT TASK SUMMATIVE ASSESSMENT SHEET

SCHOOL:												
SURNAME AND INITIALS OF LEARNER:												
PART A: Design process				PART B: Working and pictorial drawings				Drawing competency and skill				
CRITERIA		MARK		CRITERIA		MARK		CRITERIA		MARK		
1	A design brief demonstrating a clear understanding of the scenario with a list of the specifications and constrains				All drawing sheets are appropriately set up with a border and an appropriate title block/panel.				Freehand drawings ANNEXURE A	METHOD	The drawing display correct freehand drawing method and skills and the method used to ensure proportion and size	
2	Evidence of relevant and usable research with the inclusion of a source				View 1 PAT 1: Plan PAT 2: Front view						The final drawing presentation is neat and there is consistency of line work/line quality, printing and dimensioning	
3	Freehand drawing of detailed solution	1 st Solution			Isometric drawings	Accuracy and correctness according to the stipulated requirements and EGD drawing principles	5.1.1	View 2 PAT 1: Sectioned view PAT 2: 2 nd Main view			The drawings	
							5.1.2					

education
Department of Education
FREE STATE PROVINCE

CORRECT SEQUENCING OF ALL PRESENTATION REQUIREMENTS

- Note the following:
 - After the summative assessment sheet the **declaration of authenticity** follow.

Engineering Graphics and Design
Practical Assessment Task (PAT)

8 DECLARATION OF AUTHENTICITY

NAME OF THE SCHOOL: _____

INITIALS AND SURNAME OF LEARNER: _____

Learner information:

I hereby declare that all the contents of the practical assessment task submitted by myself for assessment is my own original work and has not been plagiarised, copied from someone else or previously submitted for assessment.

By signing this page, you as learner commit yourself to the responsibilities and your cooperation to submit the 2018, grade 10 PAT as part of your year mark. By failing to submit this PAT before the date of moderation (October 2018), it will be seen as an exam irregularity resulting a zero (0) mark for ECD (despite all exam and SBA efforts committed) during your grade 10 year for 2

CORRECT SEQUENCING OF ALL PRESENTATION REQUIREMENTS

- Note the following:
 - The correct sequence of the PAT is determined by the assessment sheet of the PAT.

NAME AND NUMBERING OF THE PRESENTATION REQUIREMENTS

- Note the following:
 - With this section dividers or page tags can be used between each topic as stipulated in the **assessment criteria and checklist** sheet.
 - Bind your file once the order is established and submit the 2020 PAT.

THE FINAL PAT

- File in either A4 or A3 format, all current pages of the PAT in the correct sequence
- Use dividers between the topics.

