



# Grade 11 PAT

## Design Brief with Specifications and Constraints

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# PAT

- ▶ Supply learners with ruled pages and explain **Design Brief: Phase 1**
- ▶ This section should be done in class
- ▶ 1.3 Lists of **TWELVE specifications** applicable on your responsibilities.
  - ▶ The house must be a single story
  - ▶ The house must not exceed ... m<sup>2</sup>
  - ▶ The trees...

# PAT

- ▶ Supply learners with ruled pages and explain **Design Brief: Phase 1**
- ▶ This section should be done in class
- ▶ 1.4 List of **FIVE constraints** that are relevant to the project.
  - ▶ I may not remove the trees
  - ▶ The house may not exceed ...
  - ▶ Sewer lines must...

# PAT

- Learners can use the Assessment Criteria and Checklist sheet (grade 11 Civil p 3-6) to **complete the management plan** by supplying the dates of completion

Complete the date column and use the table below to manage your time in completing this PAT.

<u>No</u>	<u>Assignment</u>	<u>Mark</u>	<u>Learner mark</u>	<u>Date of completion</u>	<u>Remarks</u>
1	Develop the <b>DESIGN BRIEF</b> :				
1.1	A short paragraph of a design brief: identify problem(s) and what is required to be done (what is required of the PAT).	2			
1.2	A second paragraph of design brief: (Who) your role & the process to be followed.	2			
1.3	Lists of the given specifications and FIVE specification applicable on your responsibilities.	2			
1.4	List of FIVE constraints that are relevant to the project.	2			
1.5	A management plan with target dates for ALL the presentation requirements.	2			
	<b>TOTAL</b>	<b>10</b>			
2	Do some <b>RESEARCH</b> on				

# PAT

- Let the learners do **self evaluation** according to the assessment criteria and checklist sheet (grade 11 Civil p 3-6)

Complete the date column and use the table below to manage your time in completing this PAT.

No	Assignment	Mark	Learner mark	Date of completion	Remarks
1	Develop the <b>DESIGN BRIEF</b> :				
1.1	A short paragraph of a design brief: identify problem(s) and what is required to be done (what is required of the PAT).	2			
1.2	A second paragraph of design brief: (Who) your role & the process to be followed.	2			
1.3	Lists of the given specifications and FIVE specification applicable on your responsibilities.	2			
1.4	List of FIVE constraints that are relevant to the project.	2			
1.5	A management plan with target dates for ALL the presentation requirements.	2			
	<b>TOTAL</b>	<b>10</b>			
2	Do some <b>RESEARCH</b> on				

# PAT

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

