

Pearson BTEC Level 3 Nationals Extended Certificate

Construction and the Built Environment

Unit 2: Construction Design

Part A

Additional sample assessment material for first teaching September 2017

Paper Reference
20076K

You do not need any other materials.

Instructions

- **Part A** contains material for the completion of the preparatory work for the set task.
- **Part A** is given to learners **2 weeks** before Part B is scheduled. Learners are advised to spend no more than **3 hours** on Part A.
- **Part A** must be given to learners on the specified date so that learners can prepare in the way directed.
- **Part A** is specific to each series and this material must be issued only to learners who have been entered to take the task in the relevant series.
- **Part B** materials must be issued to learners during the period of 2 weeks specified by Pearson.

Turn over ►

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Instructions to Teachers/Tutors

This set task has a preparatory period. Part A sets out how learners should prepare for the completion of the task under supervised conditions.

Part A should be issued to learners two weeks before taking Part B of the assessment.

Learners should undertake independent research on the case study given in this **Part A** booklet.

Learners are expected to spend up to 3 hours in undertaking Part A.

Centres must issue this booklet at the appropriate time and advise learners of the timetabled sessions during which they can prepare. It is expected that scheduled lessons or other timetable slots will be used for some or all of the preparation.

Learners may prepare summary notes on the case study. Learners may take up to 2 sides of A4 notes of this type into the supervised assessment (Part B booklet). Other content is not permitted.

Learners will complete all activities in the task book, apart from Activity 5 for which learners will require access to a computer with appropriate CAD software loaded.

The supervised assessment will take place on a timetabled period specified by Pearson. Centres should schedule all learners at the same time or supervise cohorts to ensure there is no opportunity for collusion.

The set task is a formal external assessment and must be conducted with reference to the instructions in this task booklet and the Instructions for Conducting External Assessments (ICEA) document to ensure that the preparatory period is conducted correctly so that learners have completed their preparation validly and independently.

Teachers/Tutors should note that:

- learners should not be given any direct guidance or prepared materials
- learners should not be given any support in writing or editing notes
- all work must be completed independently by the learner
- learner notes will be retained securely by the centre after Part B and may be requested by Pearson if there is suspected malpractice
- learner notes should not contain any tables, graphs, and images such as sketches, or other drawings or photographs.

Instructions for Learners

Read the set task information carefully.

In Part B you will be asked to carry out specific activities using the information in this Part A booklet and your own research on this topic.

In your preparation for Part B using this Part A booklet you may prepare short notes to refer to when completing the set task, e.g. to give specific details, data or cases. Your notes may be up to 2 sides of A4 and may be handwritten or typed. Your notes:

- must be completed independently
- will be retained securely by the centre after Part B and may be requested by Pearson if there is suspected malpractice
- must not contain any tables, graphs, images such as design sketches, or other drawings or photographs.

You will complete Part B under supervised conditions.

You must work independently and should not share your work with other learners.

Your teacher may give guidance on when you can complete the preparation.

Your teacher can not give you feedback during the preparation period.

Part A set task brief

Scenario

You are working as an assistant to the Design Manager for a medium-sized, regional construction company that has been awarded a contract to design and build a drive-through coffee shop.

Part A set task information

The client's vision

The client is a large national chain that wishes to provide a drive-through coffee shop in an expanding residential and light retail area. It wants to create a friendly, safe environment with ample car parking spaces for those who wish to eat and drink inside. It is keen to create a modern, environmentally friendly and sustainable site once completed which is bright, light and finished to a high specification.

You are required to research drive-through coffee shops.

You are advised to research at least the following topics.

