T-LEVELS | Institute for Apprenticeships & Technical Education

T Level Technical Qualification in Onsite Construction (8711-30)

8711-033 Employer-Set Project

Task 2.1 Collaborative Problem-solving

Summer 2022

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Task 2.1 – Collaborative Problem-solving

Concerns have been raised by planners and local residents regarding the adequate removal of excess water and drainage requirements.

As part of the development team, you will be required to respond to the planning issues raised around the adequacy of the drainage and what solutions need to be included to adequately deal with any potential for flooding due to the development.

In small groups, you need to discuss what measures might need to be taken to alleviate or reduce the impact caused by surface water and sewerage discharge.
Take your own notes of the discussion points raised and make sure you are considering options in relation to the building development. Your draft notes will be submitted at the end of the task.

Following your discussion, you will need to draft an email to the Development Manager detailing your suggestions as to how these measures could be considered and adopted into the overall site development.

Your email will typically be 300 words long, and include:

- Your suggestions as to how and what changes or additions would need to be made to comply with current requirements for the dispersal of surface water and drainage to housing developments.
- Any potential risks there may be with the suggestions you have made.
- Additional information you need to find out in order to be able to progress further.

1.1. Timing of assessment

- You will have **half an hour** to discuss the options with your group.
- You will have **one hour** to complete your draft recommendation email on your own.

1.2. Conditions of assessment

- Your discussions will be completed working in small groups under supervised conditions.
- Your email will be drafted working alone under supervised conditions. You will have access to the notes you made during the group discussion.

1.3. What you must submit on completion of this collaborative problem-solving task

- Draft notes from group discussion.
- Drafted email (300 words minimum) – hard copy or file saved securely as directed by your tutor/supervisor.

1.4. Additional evidence of your performance that will be captured for marking

- Tutor's observation notes on contribution to discussions.
- Video recording of group discussion.

1.5. Maths, English and digital skills

N/A

Get in touch

City & Guilds Technicals Quality Team

We are here to answer any queries you may have regarding your T Level Technical Qualification delivery.

Should you require assistance, please contact us using the details below:

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