

ARCH5112 Semester 2: STRUCTURE – Drawings & Bridge Report Feedback

Date:

Tutor:

Student:

The following is formative feedback on your Drawings & Bridge Report submitted on Thursday 17th August, as part of the STRUCTURE Brief:

where **1**= below required (D) **5** = outstanding (A+)

Drawings 50%

- 1 x Plan Scale 1:2
- 2 x Sections Scale 1:2
- 2 x Elevations Scale 1:2
- 2 x Details Scale 1:1
- A diagram of the structural principles and forces at work in your bridge

The drawings will be clear and finely detailed, communicating the qualities and texture of materials and the binding or fabrication of joints and connections.

1 2 3 4 5

Bridge Report 50%

- **Booklet is complete in every part requested:**

- cover page
- introductory concept statement
- construction process photographs
- elevational and bird's eye images of Bridge 1 in rig
- photographs of bridge collapse
- analysis of bridge collapse
- proposal for Bridge 2 improvements
- drawings of Bridge 2 proposal
- elevation and bird's eye images of Bridge 2 in rig
- images of Bridge 2 collapse
- final assessment of Bridge 2 performance and reflections on overall project.

1 2 3 4 5

- **Written content, concept description and performance analysis:**

Clearly explains the concept of the bridge structure. Uses a high standard of writing, with correct sentence construction and grammar. Technological vocabulary and terminology are used correctly, indicating an understanding of the underlying physical principles involved in the project, with clear communication of strategies for improvements in Bridge 2 design and final performance analysis.

1 2 3 4 5

- **Photographs and images:**

All photographs and images are of a high standard and carefully organised on the page. Each image has a clear label and description.

1 2 3 4 5

- **Overall booklet presentation and layout:**

Overall, the Booklet is well-conceived and with a consistent clear layout. The resulting document is an appealing composition, which communicates all the information requested in a clear and comprehensive manner, using intentional graphic strategies.

1

2

3

4

5

Grades: **DRAWINGS** _ **REPORT** _ **COMBINED** _

Comments: