

THE PAPUA NEW GUINEA UNIVERSITY OF TECHNOLOGY
THE DEPARTMENT OF ARCHITECTURE AND CONSTRUCTION MANAGEMENT
2022 EXAMINATION
FIRST SEMESTER
2ND YEAR – BACHELOR OF CONSTRUCTION MANAGEMENT
CM212 CONSTRUCTION MANAGEMENT I

Room: L2
Date: 10th JUNE, 2022
Time: 8:20am
Duration: 3 HOURS

Instruction to Examinee:

- 1. You have 10 minutes to read the question paper. You must not begin writing during this time.**
- 2. ALL ANSWERS MUST BE WRITTEN IN THE ANSWER BOOKLET(S) PROVIDED.**
- 3. WRITE YOUR NAME AND IDENTIFICATION NUMBER CLEARLY ON THE FRONT PAGE. DO IT NOW.**
- 4. No reference materials are allowed in the examination room. Materials to be supplied by students:**
 - Writing implements
 - Calculator
 - Scale Rule
 - Eraser
- 5. All mobile phones must be switched off and placed away from your desk**
- 6. DISCUSS THE CASE STUDY PROJECT**

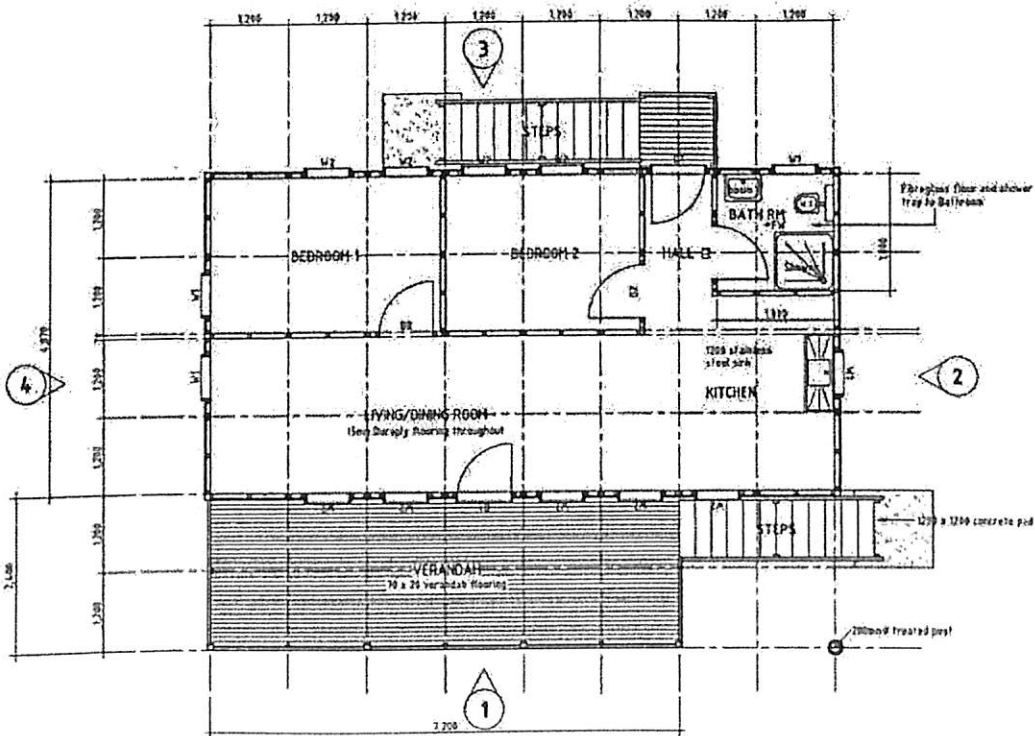
TOTAL MARKS: 100

CASE STUDY PROJECT (100 marks)

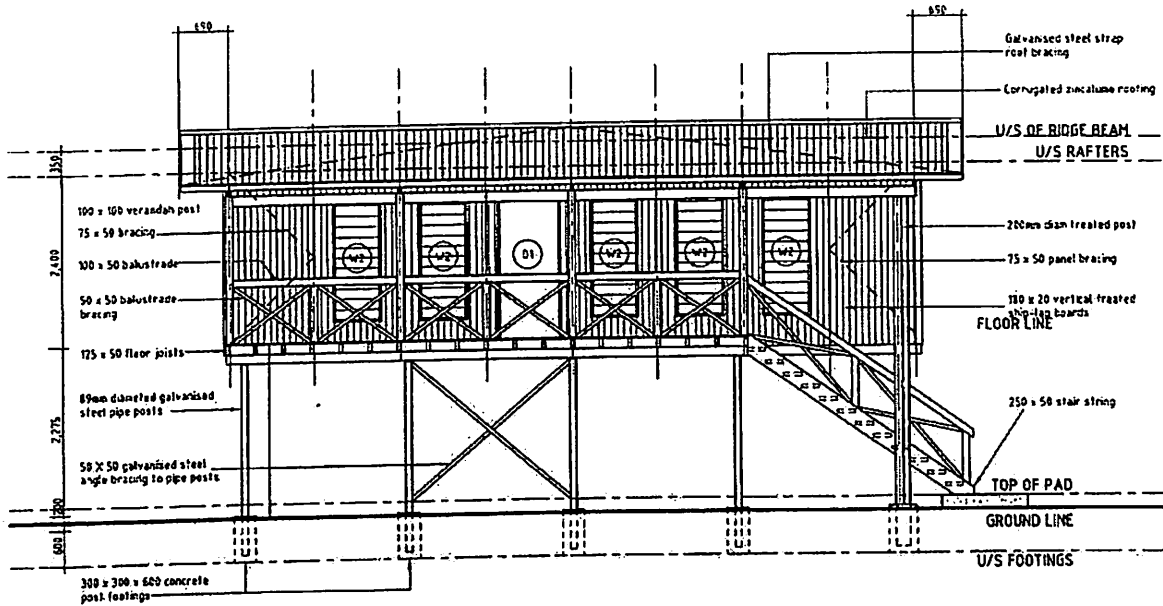
A two-bedroom residential timber frame building is to be constructed at the intersection of the 7th street and Huon road in the Lae CBD as shown in the map below. You are required to discuss the aspects of the construction of the building. Drawings of the building are also provided below for your information.



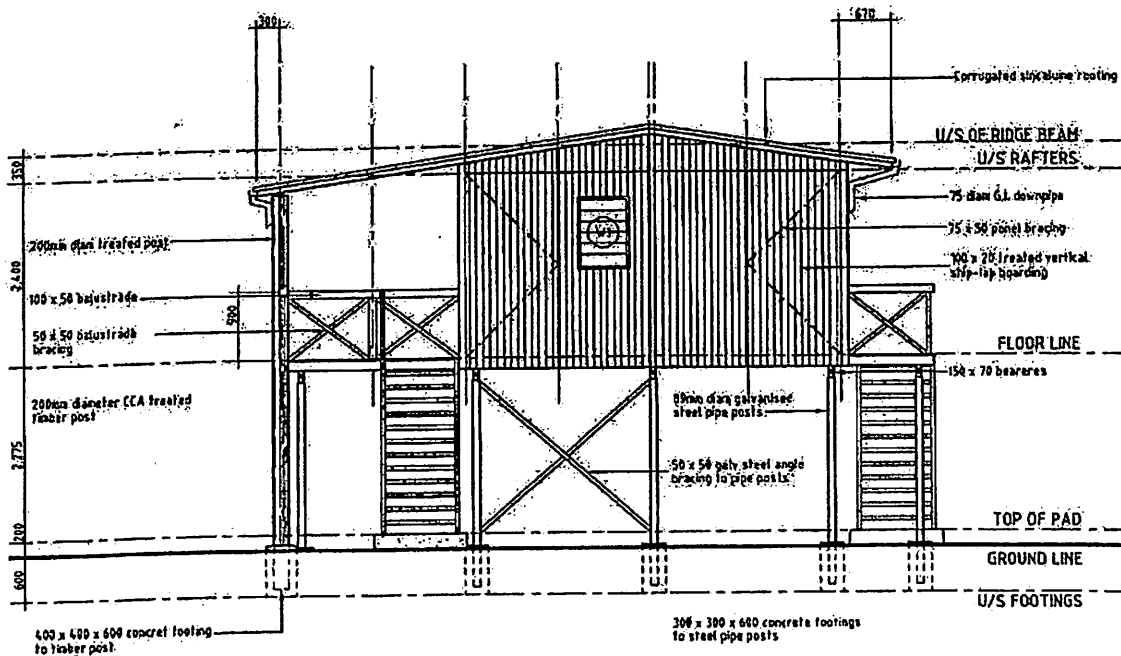
Google map of site (nts)



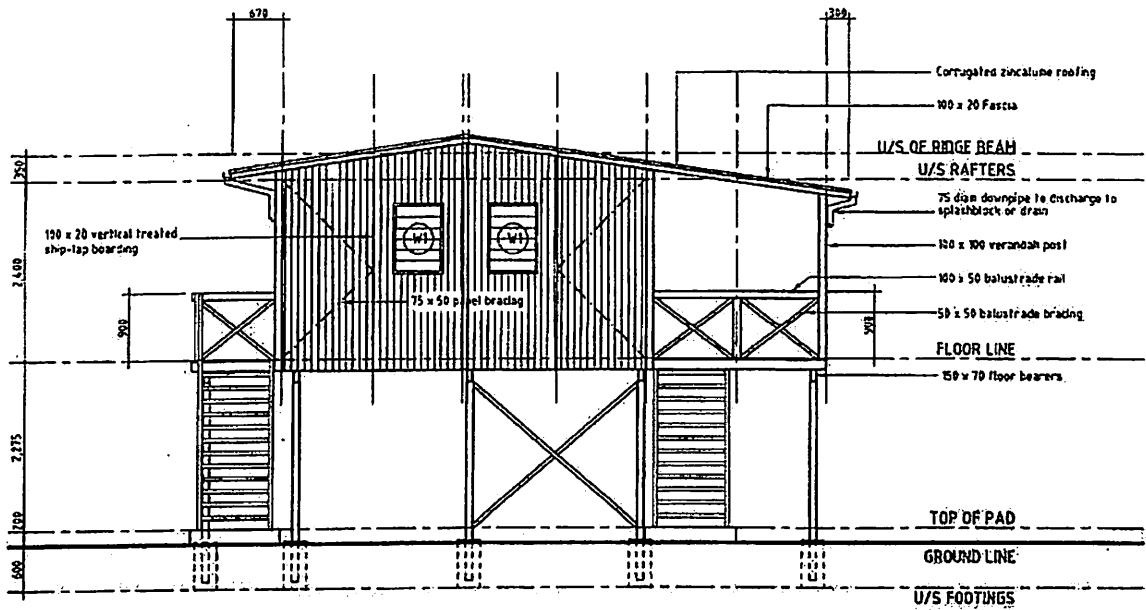
Floor Plan nts



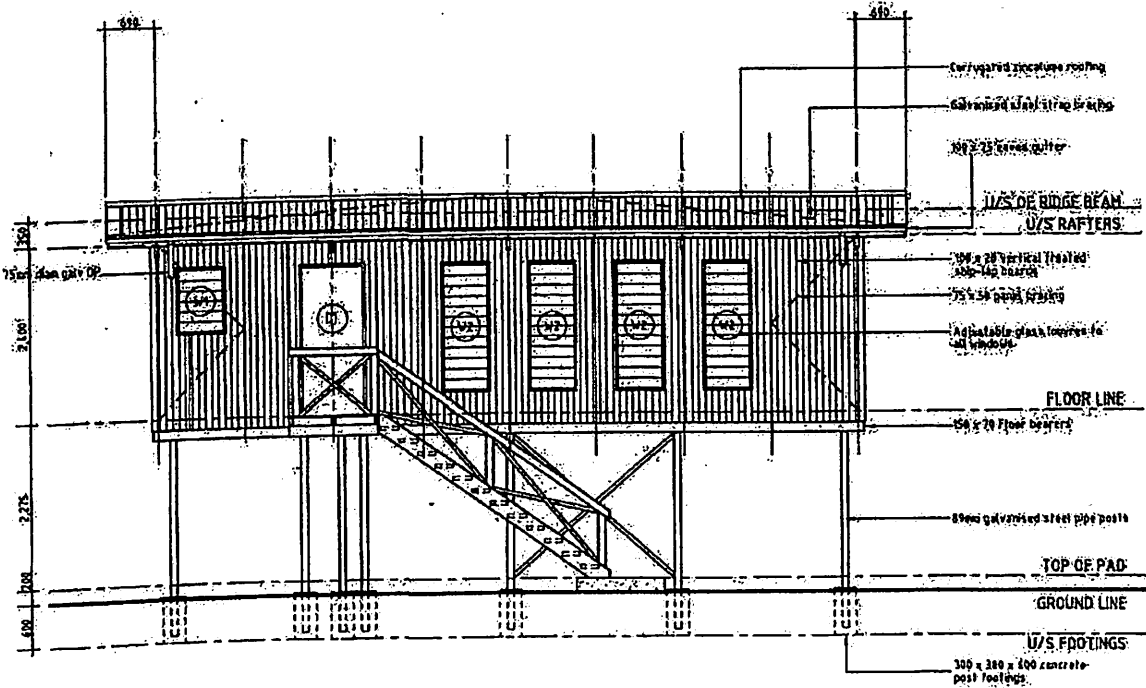
Front elevation nts



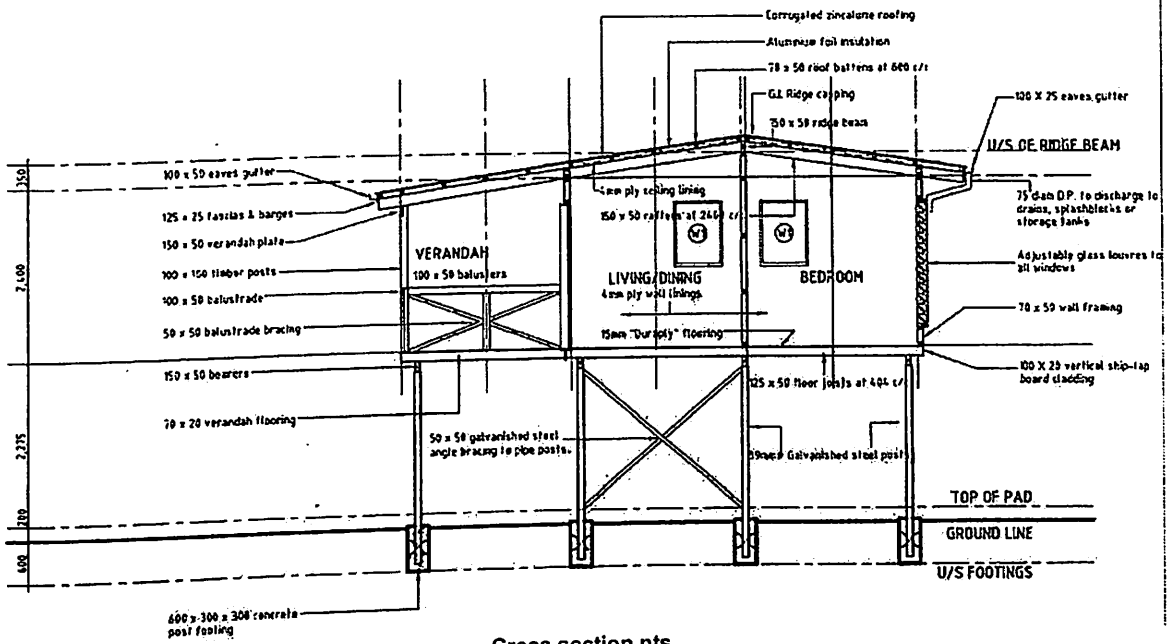
Right side elevation nts



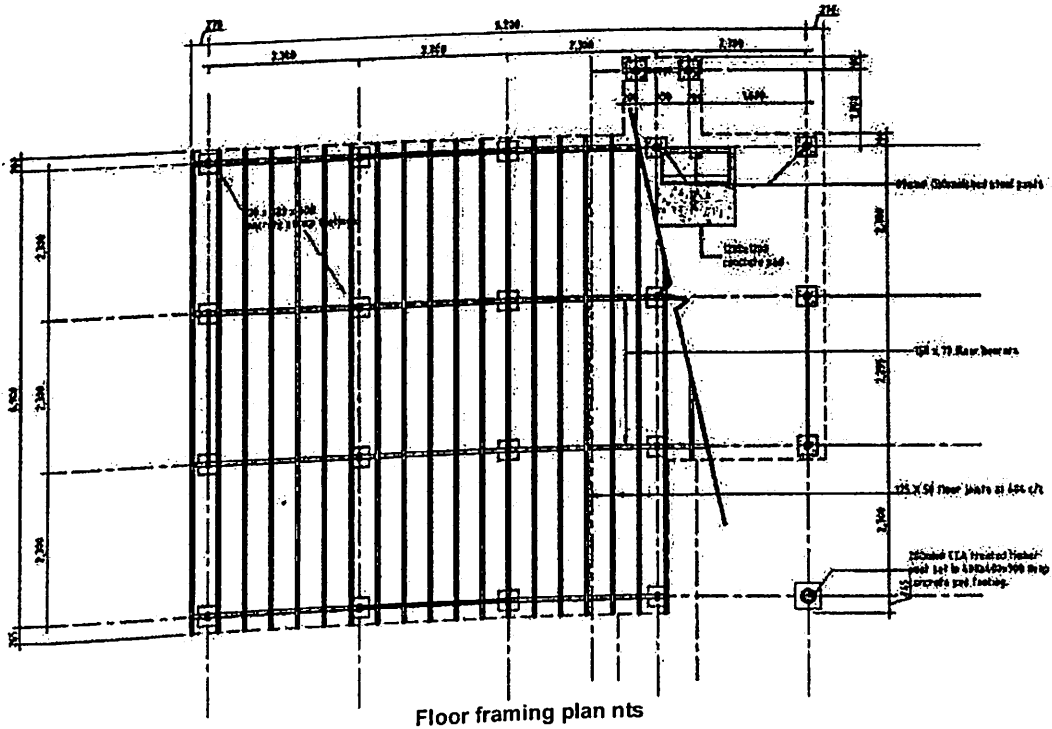
Left side elevation nts



Back elevation nts



Cross section nts



Floor framing plan nts