

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

BUILDING CONSTRUCTION III

AAR 3108

Supplementary Examination Paper

July 2016

This examination paper consists of 3 pages

Time Allowed: 4 hours

Total Marks: 100

Special Requirements: A1 DRAWING BOARDS, A1 PLAIN SHEETS, MASKING TAPE.

Examiner's Name: I. Mhandu

INSTRUCTIONS

1. Answer ALL questions

2. Answer question 1 on an A1 sheet/s of paper

MARK ALLOCATION

QUESTION	MARKS
1.	40
2.	20
3.	20
4.	20
TOTAL	100

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Question 1

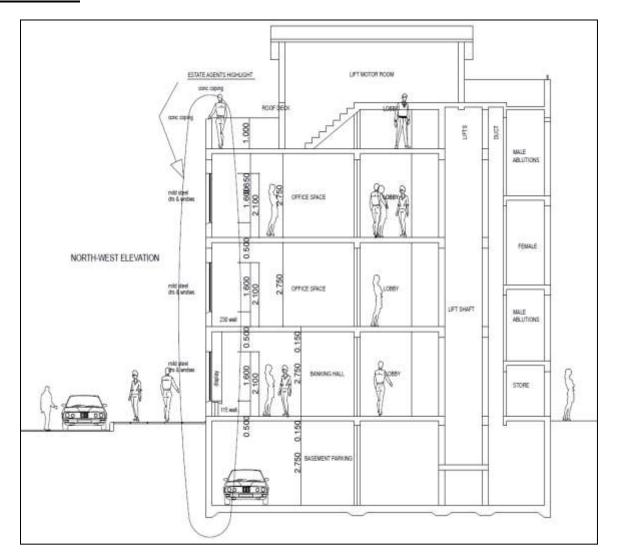


Figure 1. Schematic section of an office building

A client who wants to invest his money in constructing an office building has approached you with a schematic section (Figure 1) which was done by another Architect who has now since referred the client to you. The Architect who instructed the client to approach you seems to have mentioned the words dpm, dpc and tanking hence the client now wants an insight into these words.

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(a) Draw using the scale 1:50 the part section highlighted showing the locations of the waterproofing. (20)		
(20)		
(2)		
(8)		
(4)		
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