

2015/2016 (2)

Federal University of Technology  
School of Environmental Technology  
Department of Architecture

Course Title: Architectural Design IV (ARC 321)

Date Issued: Tuesday 3<sup>rd</sup> May 2016.

Duration: 2 months

**DESIGN BRIEF: CONDOMINIUM DESIGN**

**Introduction**

In the proposed Master plan of the 3 armed zone, the Niger state government is proposing several projects. One of these is 10 blocks of condominium – comprising multifamily residences, commercial and recreational facilities, vehicular parking and other facilities as may be considered fit.

**Task**

As a student architect, you have been commissioned to come up with a design proposal of a unique and befitting condominium design for the Niger state government. Specifically, the total number of flats each block is 14, consisting of 4nos 1 bedroom flat; 4nos 2 bedroom flat; 4nos 3 bedroom flat and 2nos 4 bedroom flat. In your proposed scheme, bear in mind, socio-cultural, climatic and technological influences on house form as well as influence of housing agencies.

Each block should not exceed 6 suspended floors. The site is located at the entrance, forming a boundary for the 3 armed zone. The size of each plot is 60mx45m (27, 000 sqm). This implies that the entire layout is about 270,000 sqm.

**Submission Requirements**

Detailed design brief (activities study, space requirements and research analysis and findings)

Case studies

Location plan

Site analysis

Conceptual drawings

Site layout      Scale 1:500

Site plan        Scale 1:200

Floor plans     Scale 1:100

Sections        Scale 1:100

Roof plan       Scale 1:100

Elevations      Scale 1:100

Details          Scale 1:5; 1:10; 1:20; 1:50

3 Dimensional drawings

Physical Model

**Schedule of presentation**

Presentation and discussion of brief

Preliminaries (that is brief development to conceptual drawings)

Sketch presentation

Scaled pencil presentation and

Final ink presentation/model

Tuesday 3<sup>rd</sup> May 2016

Tuesday 10<sup>th</sup> May 2016

Tuesday 31<sup>st</sup> May 2016

Tuesday 14<sup>th</sup> June 2016

Tuesday 28<sup>th</sup> June 2016

**Paper**

Drawings should be produced on at least A2 size sheets.

**ARC 311 coordinators**

Arc. O. A. Olaniran

Arc. ME-H Abdulrahman

Arc. J.C. Eze

Arc A.M. Sani

3/5/2016