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## ASSIGNMENT 01: SCHEMATIC DESIGN AND SITE ANALYSIS

Assignment 01 is worth 15% of your final grade. It is assigned in Week 01 and due at the end of Week 04.

**Due Date:** Week 4

**Weight:** 15%

### Introduction

Our office has been selected to provide our professional services to the Seniors Housing market. We will be undertaking this assignment with an established Developer/Operator in this market. In order to commence work on this Project, it will be necessary for us to conduct research into this building typology, and to produce a Conceptual Design brief for review and acceptance by our Client. The brief should include both written and graphic material. We will investigate the projects of other Developer/Operators and will visit the site to understand the urban context.

The **Conceptual Design** parameters are as follows:

#### Seniors Suites

2 Bedroom (15%)

1 Bedroom (35%)

Bachelor (50%)

#### Building Configuration

10-15-unit Suite Module

Typical floor layout (240-260 Suites total)

Overall massing (maximum 8 stories)

#### Presentation requirements include:

1. Text describing the design Statement / Philosophy of the Conceptual Design.
2. Graphic images to support the text (freehand sketches and CAD drawings).

Students will work individually to complete the above requirements. Presentation will be to a standard format ledger printed page.

### References:

- Housing an Aging Population
- Fear of Crime and Design; Exploring the Linkages in a Seniors Housing Complex — Executive Summary – Housing Toronto Seniors – Planning for the Future
- Moving Ahead – Planning for the Future
- Types of Senior Housing
- Course-referenced links
- Online content

### Evaluation:

1. Completeness
2. Consistency
3. Text content
4. Graphic presentation

- Sketching
- CAD

## Submission:

Assignment 1 should be submitted to the Assignment Folder at the beginning of Week 04. Submission is to be on 11"x17" format, as a linked PDF file. Ensure that your submission includes a Site Analysis and reference to other Projects/Designs.

See Assignment 02 for more detailed zoning and functional requirements!

### The required drawing submission should include:

1. Site context and analysis plan;
2. Typical suite designs (bachelor, 1-bedrm, 2-bedrm);
3. Suite cluster layout plan;
4. Overall suite typical floor-plan; and
5. Building massing on the site (site plan and 3D views).

Also provide a Site Overview sheet with a Site Analysis including orientation, topography, surrounding uses, etc., and a conceptual reference for building design.

Photographs and hand sketches can be included as part of the drawing content to illustrate various design constraints, options, or ideas.

## Student Samples

[ARCH 301 Assign1 Ex1.pdf \(../Pdfs/Unit1/ARCH%20301 Assign1 Ex1.pdf?&d2lSessionVal=6d80xUtnVXCM57YRySazvFk7g&ou=721990\).](#)

[ARCH 301 Assign1 Ex2.pdf \(../Pdfs/Unit1/ARCH%20301 Assign1 Ex2.pdf?&d2lSessionVal=6d80xUtnVXCM57YRySazvFk7g&ou=721990\).](#)

[ARCH 301 Assign1 Ex3.pdf \(../Pdfs/Unit1/ARCH%20301 Assign1 Ex3.pdf?&d2lSessionVal=6d80xUtnVXCM57YRySazvFk7g&ou=721990\).](#)

[ARCH 301 Assign1 Ex4.pdf \(../Pdfs/Unit1/ARCH%20301 Assign1 Ex4.pdf?&d2lSessionVal=6d80xUtnVXCM57YRySazvFk7g&ou=721990\).](#)



### ARCH-301 Design and CAD Complex Project