



# TAYLOR'S UNIVERSITY

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## SCHOOL OF ARCHITECTURE, BUILDING & DESIGN

Research Unit for Modern Architecture Studies in Southeast Asia

Foundation of Natural Build Environment (FNBE)

## CONSTRUCTED LANDSCAPE [ARC30203]

Prerequisite: None

Lecturers: Noorul Iffa Mohd Nayan, Shazreene Nurjanna Shamsuddin

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### Project 2A

**Design Process: Research & Analysis (20% Group Work) + Graphic Journal (10% Individual)**

**Submission: 13<sup>th</sup> April 2015 (Week 9)**

### Introduction

“For every site, there is an ideal use. For every use, there is an ideal site”

[John Ormsbee Simonds]

The professional works like landscape architecture projects should be developed in systematic process. Its purpose is to best arrange the elements of any planned development in relation to the natural and constructed features of a site and its environs. The responsibility of a designer is to guide those involved in the best solution and to help ensure in all ways possible the project's success.

### Objectives of Project

The objectives of this project:

- To explore the anatomy of landscape project and process involved in every stages.
- To demonstrate the understanding of site selection and site analysis via graphic communication skills.

### Learning Outcomes of this Project

On successful completion of this subject, students will be able to demonstrate the following:

1. Fundamental comprehension on how to conduct site selection and site analysis for better execution of a landscape project.

### Tasks - Methodology

#### GROUP TASK

In a group of 6 to 7 members, you need to select **one landed residence with a compound or an open space within the boundary**. There is no limit of the size of the residence, however the least acceptable option is a semi-detached house. In order to carry out this project, students are required **to obtain the base plan of the residence** itself from the particular owner. If the base plan is not provided, you need to measure on site and produce the plan with suitable scale on your own.

### **Task 1**

As a group, you need to organize a **site visit and do a site survey**. You are to conduct a **site inventory and analysis of the existing condition** based on the following information:

- 1) **Site Location and Context**
  - Identify location of the house and land uses surrounding it (e.g., next to main road, at the school, or near to school etc.)
- 2) **Topography**
  - Identify the existing landform and slope condition (e.g., flat, hilly or steep, gentle slope etc.)
  - Identify the elevation changes (if any) (e.g., steps or retaining walls etc.)
- 3) **Drainage**
  - Identify location the drainage and water spots on specific area.
- 4) **Vegetation**
  - Identify existing types of vegetation/softscape (provision of common name or scientific name is an advantage)
- 5) **Microclimate**
  - Identify direction of sunrise, sunset and wind direction
- 6) **Existing Structure**
  - Identify existing structure (e.g., swimming pool, driveway/porch/garage, steps, gazebo, pergola etc.)
  - Identify rubbish bin/dumping spot, cloth line etc.
- 7) **Views**
  - Observe and identify views from all vantage points;
    - i. On-site views – from inside of the house looking outside.
    - ii. Off-site views – from outside (all angle/sides of the house, street) looking inside.
  - Identify the good and bad views.

### **Task 2**

After the site inventory and analysis are done, as a group you are required to develop a **site synthesis** also known as “**design solution**” to the site. In the site synthesis diagram, you are to scribble/doodle/sketch/draw the design solutions conceptually. The idea should not be in detail, probably the initial or rough idea about what do you think would be the best options to improve the existing condition. This interpretation of design and decision making are based **on group reflection or a combination of individual ideas**. You may provide several options to one single problem/circumstance/condition as the solution would not limit to only one.

*\*Note:*

*Examples of all tasks will be showing during project briefing in class.*

### **INDIVIDUAL TASK**

Individually, you are required to produce a **graphic journal** which comprises of a series of element provided below. The graphic journal plays as a sketch journal of elements in landscape architecture field. **You are free either to trace or to sketch/doodle/draw on your own (all in not to scale) and to combine as a journal**. The elements required for this assignment are as follows;

**A) Vegetation**

- i) Plan view of 10 different types of trees (flowering & non flowering), shrubs, palms and groundcovers/turf.
- ii) Elevation drawing of 5 different types of trees (flowering & non flowering), shrubs, palms and groundcovers/turf.

**B) Natural Elements**

- i) Plan view of rocks and waterways (river/stream/lakes).
- ii) Elevation view of above chosen elements.

**C) Hardscape**

- i) Plan view of 5 different patterns of paving (e.g; bricks, concrete, random flagstone, pebbles etc.)
- ii) 3 plan or/and elevation views of building with roof shading, pergola, gazebo, pool/fountain.

*\*Note:*

*The exercise on graphic communication skills will be taught in class.*

### **Submission Requirement**

#### **GROUP**

Each group need to submit the work sheets which would have to meet the following criteria;

1. It must be in a form of **A3 booklet**, stapled or bound with a cover page. The cover page should include title block which will be prepared by the lecturer.
2. The material for paper is **bond paper (photostat paper) min 70gsm**. You may use butter paper as progress to be shown during tutorial session but it is not to be as the final submission.
3. There is **no page limit** as long as all information outlined above is fulfilled. The page layout for overall should be orientated consistently.
4. The diagram should be **drawn and written manually**, except for site images. The diagram should incorporate standard landscape graphic communication.
5. You are advised to **segregate between site inventory, site analysis & site synthesis by using page separator**.

#### **INDIVIDUAL**

For individual submission, you are to fulfil the following criteria;

1. The graphic journal should be submitted in **A4 format with cover page, using any type of paper**. You are free to design your cover page, however it should contains information such as; **Taylor's logo, FNBE, Module code & name, project title, name & student ID and tutor's name**.
2. You can combine all elements in a composition, but you have **to label** every single of it.
3. The drawings **can be all coloured, partially coloured or black and white** but it must be properly done. You can **use any medium of colouring and can be a combination** of mix media, water colour, pencil colour or marker. *Please plan your journal carefully as not all medium suits with all types of paper.*

Both group and individual work sheets with assessment sheets need to be submitted on **13<sup>th</sup> APRIL 2015, at class venue**. You are advised to scan your work before submission for uploading purposes in the online portfolio.

## Assessment Criteria







The assessment criteria for this assignment will be based on:

- Demonstrated understanding of brief
- Relevance, appropriateness and depth of research exhibited in the assignment
- Creative application of graphic communication skills, originality and quality of the work
- Team work and group collaboration
- Individual documentation

## Marking Criteria

**Marks shall be distributed as follows:**

Work will be assessed based on:

TGC Acquired	Assessment Criteria	Marks %
<b>Group Component</b>		
	Demonstrated understanding of brief	3 %
	Relevance, appropriateness and depth of research exhibited in the assignment	10 %
	Creative application of graphic communication skills, originality and quality of work	5 %
	Team work and group collaboration	2 %
	TOTAL	20 %
<b>Individual Component</b>		
	Demonstrated understanding of brief and the effectiveness of carrying out the tasks given	2 %
	Originality, creativity and quality of work	8 %
	TOTAL	10 %
	<b>GRAND TOTAL (20% group + 10% individual)</b>	<b>30 %</b>





**NOTE: PLEASE BE INFORMED THAT INDIVIDUAL COMPONENTS IN GROUP WORKS IS EVALUATED BASED ON PEER EVALUATION AND INSTRUCTOR'S EVALUATION PERFORMANCE OF A GROUP MEMBER.**

## Suggested References

**\*\* Refer to slides presentation on project briefing.**

**PROJECT 2**  
**Design Process: Research & Analysis**

GROUP NAME: \_\_\_\_\_

<b>GROUP ASSESSMENT</b>			
No	Assessment	Marks	Comments/Remarks
	<b>Demonstration understanding of brief</b> (the form and level of execution of understanding the brief)	<b>Total 3%</b>	
	1. Understanding of brief and requirement	/3	
	<b>TOTAL:</b>	<b>/3</b>	
	<b>Relevance, appropriateness and depth of research exhibited in the assignment</b> (thorough research and in-depth study related to the task given)	<b>Total 10%</b>	
	1. Relevance of analysis & synthesis related to the site condition	/2	
	2. Appropriateness of information, images and analysis of the site condition	/4	
	3. Depth of research and analysis exhibited in the assignment	/4	
	<b>TOTAL:</b>	<b>/10</b>	
	<b>Creative application of graphic communication skills, originality and quality of work</b> (the quality of work, originality and creativity in demonstrating the graphic communication skill)	<b>Total 5%</b>	
	1. Creativity in demonstrating the work	/3	
	2. Quality and originality of the work	/2	
	<b>TOTAL:</b>	<b>/5</b>	
	<b>Team work and group collaboration</b>	<b>Total 2%</b>	
	1. Team work, participation and collaboration to progress	/2	
	<b>TOTAL:</b>	<b>/2</b>	
<b>GRAND TOTAL</b>		<b>/20%</b>	<b>GRADE:</b>
<b>COMMENTS:</b>			



GROUP MEMBERS NAME:

NO	STUDENT NAME	STUDENT ID

**PROJECT 2**  
**Design Process: Graphic Journal**

NAME: \_\_\_\_\_ Student ID: \_\_\_\_\_

TUTOR NAME: \_\_\_\_\_

INDIVIDUAL ASSESSMENT			
No	Assessment	Marks	Comments/Remarks
<b>A</b> 	<b>Demonstrated understanding of brief and the effectiveness of carrying out the tasks given</b>	<b>Total 2%</b>	
	1. Illustrate adequate knowledge and understanding on requirement	/1	
	2. Evidence of extensive study on choosing the right elements and adequate exercises	/1	
	<b>TOTAL:</b>	<b>/2</b>	
<b>B</b> 	<b>Originality, creativity and quality of work</b>	<b>Total 8%</b>	
	1. Illustrate good and quality of graphic communication skills in the work	/3	
	2. Creativity and originality of the works, and exploration of various material used	/3	
	3. Quality of workmanship executed on every single artwork.	/2	
	<b>TOTAL:</b>	<b>/8</b>	
<b>GRAND TOTAL :</b>		<b>/10%</b>	<b>GRADE:</b>

COMMENTS: