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SURAT KETERANGAN HASIL CEK PLAGIASI

Nomor: 2424084654/Perpus./10/Dir.Perpus/VI/2024

Bismillaahirrahmaanirrahiim

Assalamualaikum Wr. Wb.

Dengan ini, menerangkan Bahwa:

Nama	: Ahmad Nurfaizi
Nomor Mahasiswa	: 18512058
Pembimbing	: Prof. Dr.-Ing. Ir. Ar. Ilya Fadjar Maharika, MA., IAI.
Fakultas / Prodi	: Teknik Sipil dan Perencanaan/ Architecture
Judul Karya Ilmiah	: Design of MicroPublicFarms As Urban Acupuncture in Batam City

Karya ilmiah yang bersangkutan di atas telah melalui proses cek plagiasi menggunakan **Turnitin** dengan hasil kemiripan (*similarity*) sebesar **3 (Tiga) %.**

Demikian Surat Keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Wassalamualaikum Wr. Wb.

Yogyakarta, 7/29/2024

Direktur

UNIVERSITAS ISLAM INDONESIA
DIREKTORAT PERPUSTAKAAN
YOGYAKARTA

Muhammad Jamil, SIP.

“Presentation Board”

"Idle Land Phenomenon in Batam City"

Batam - Tokyo, 4 (2015, November 12). 97 Batam Underwater Impossible. Retrieved from https://www.instagram.com/p/8-kcmV-_xHG/?utm_medium=copy_link

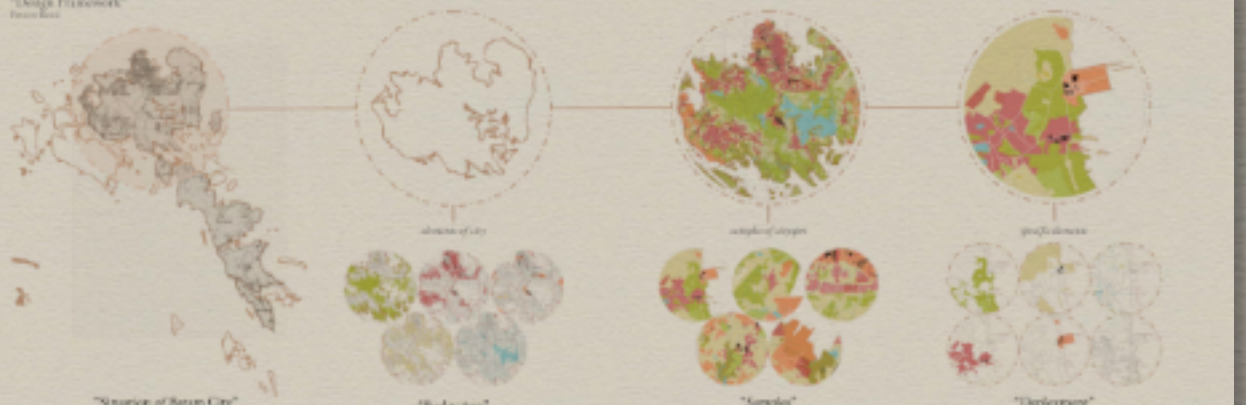
The issue of idle land remains a problem for Batam City. The Batam Corporation Agency (BP Batam) continues to work on resolving the issue of idle land for Batam. Idle land is land that has been allocated for a second party, but not utilized optimally for a long time. There are several locations of idle land (land) both in the city centre and in peripheral areas. In general, the locations found have several patterns in common, namely in areas that have become industrial and residential expansion areas.

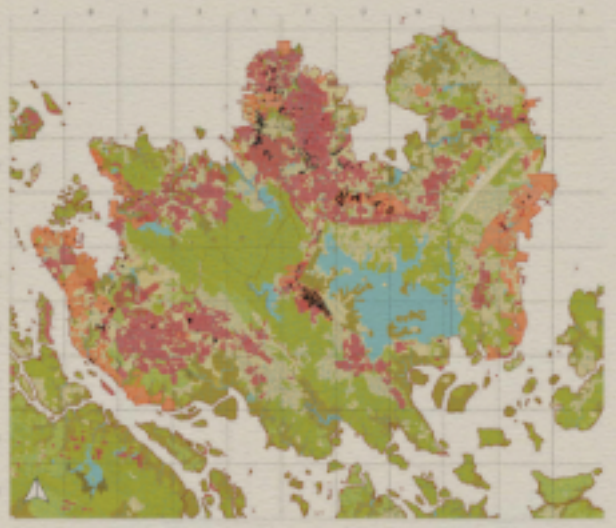
BP Batam is aggressively managing idle land. According to BP Batam's records, the area of idle land reaches 7,597.01 hectares spread across 2,733 locations throughout Batam. The Head of the Batam Corporation Agency (BP Batam) has also written to 100 owners of idle land in Batam City. The existence of the letter request that land owners immediately carry out development so as not to lose land managers must submit a realistic business plan.

WHAT	HOW	VALUE
Alternative 1		
Alternative 2		

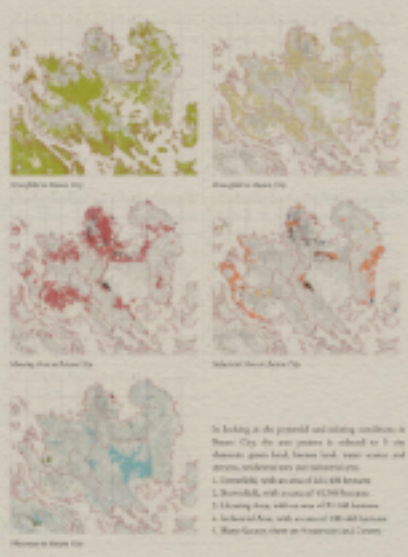
"Idea of Alternative Ownership Based on Economic Book"

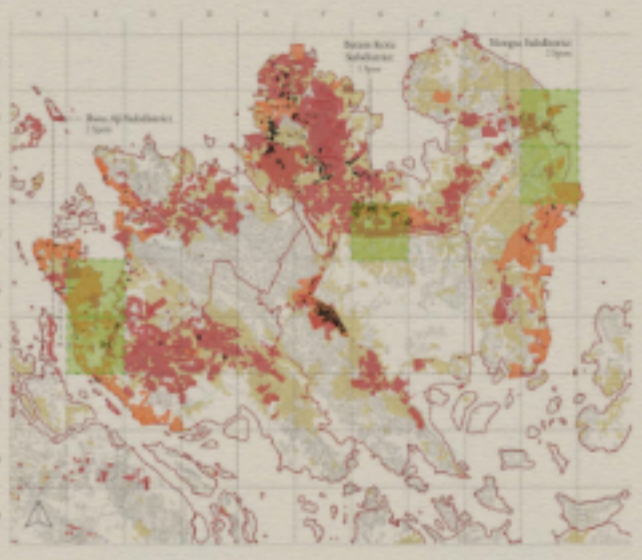
"Design Framework"





Map of Batam Island



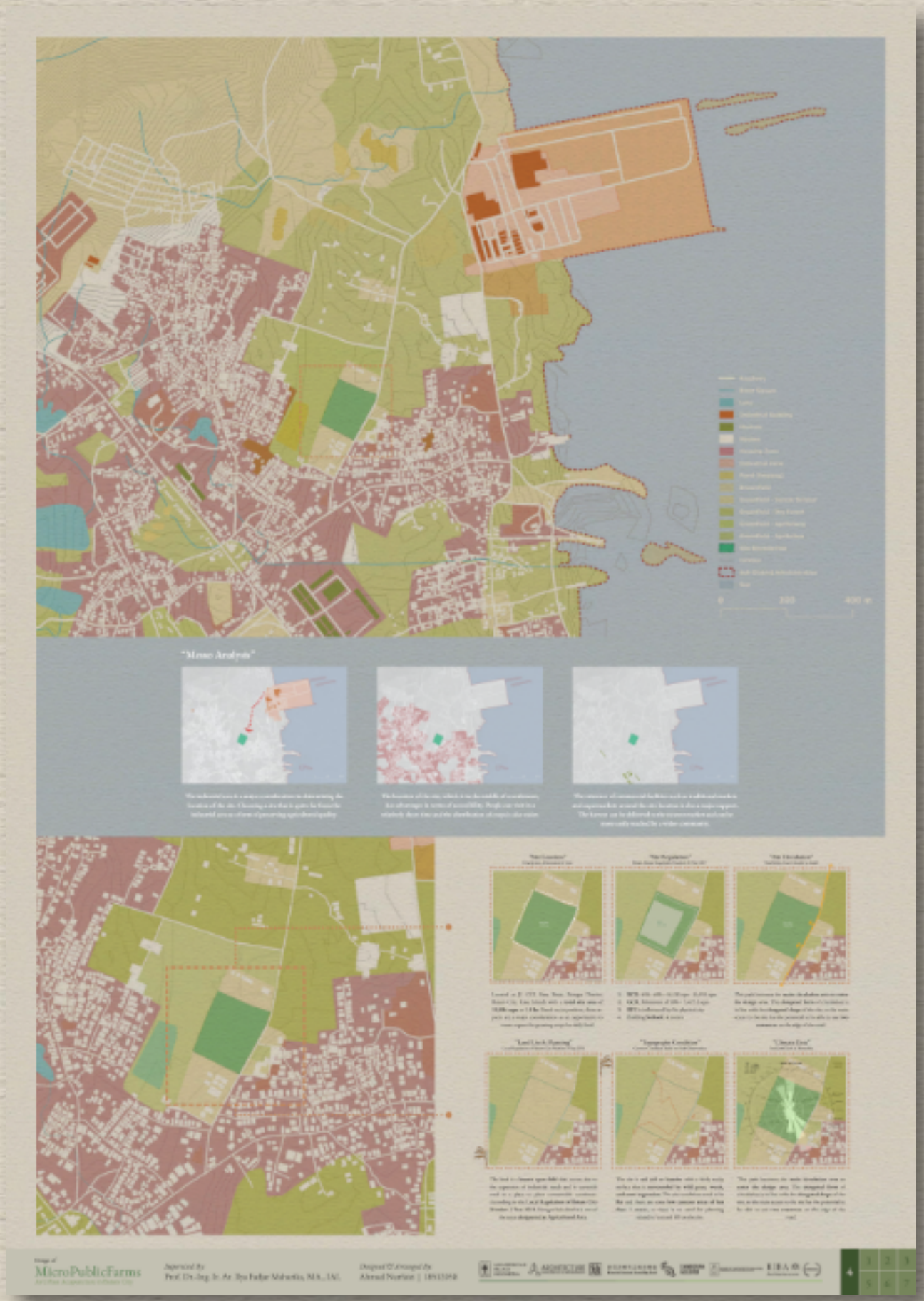


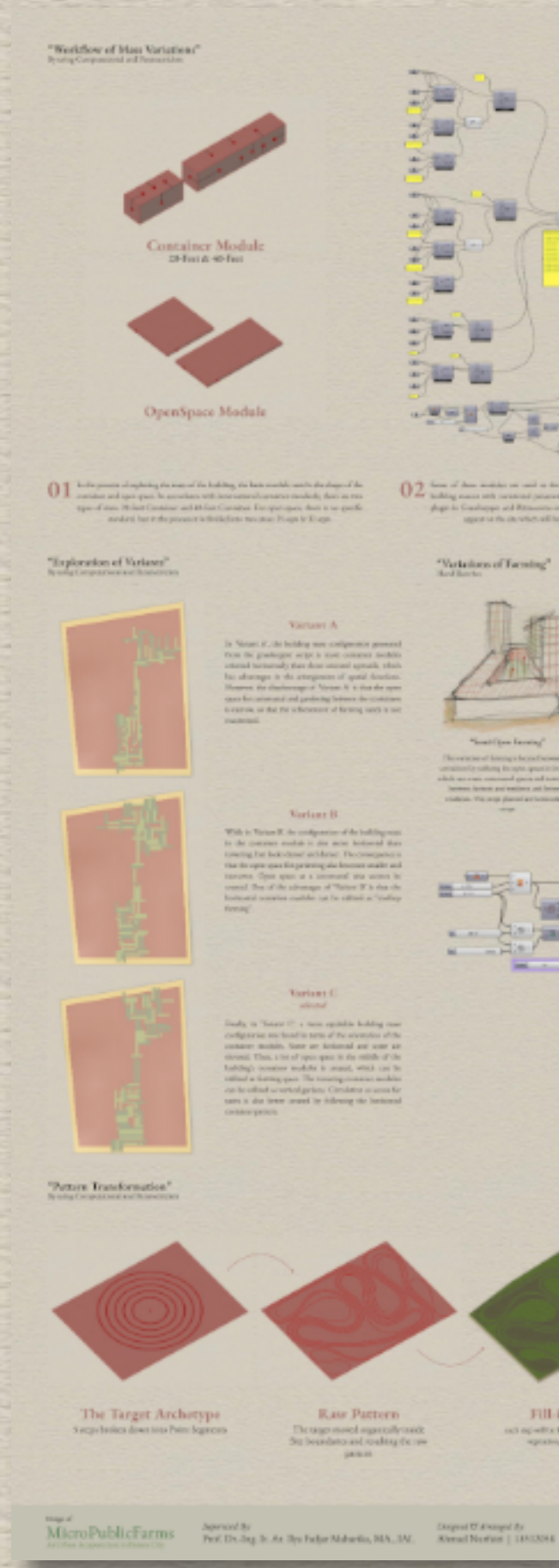
Design of MicroPublicFarms

Supervised By
Prof. Dr.-Ing. Ir. Ar. Ilyu Fadjar Maharika, M.A., IAI.

Designed/Developed By
Ahmad Nurtiar | 1851310

“Presentation Board”

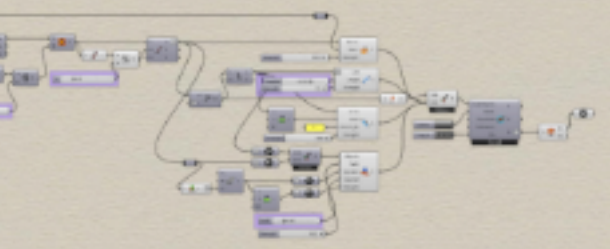




Grasshopper Scripts

03

"Script for Landscape Pattern"



"Final Landscape Pattern"

"Building Module Transformation"

Base Module

01

Adjustment by Function

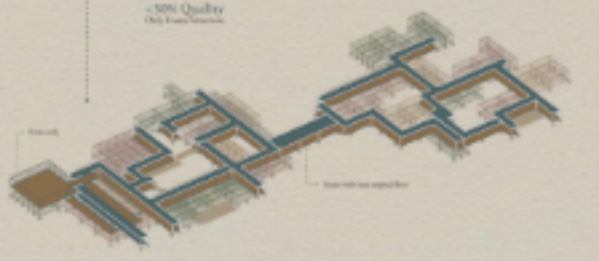
02

Structuring Module

03

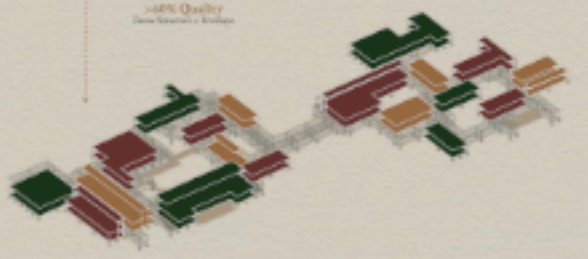
"Container Structure Application & Arrangement"

<50% Quality



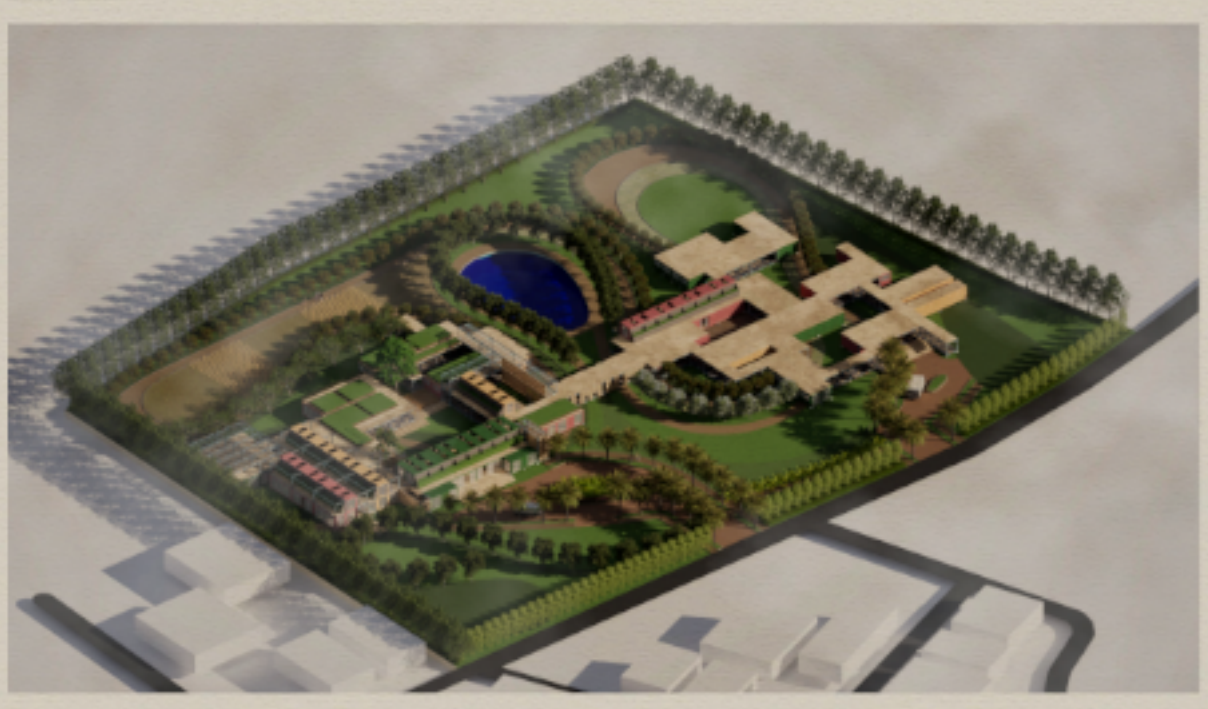
Scheme of Container Frame Structure Application

>60% Quality



Scheme of Container Box Arrangement

"3D Perspectives"



"Site Situation"

East Site Elevation | South Site Elevation | North Site Elevation | West Site Elevation

Design of
MicroPublicFarms

Supervised By
Prof. Dr.-Ing. Ir. Ar. Ilya Fadjar Maharika, M.A., IAI.

Designed & Developed By
Ahmad Nurtaat | 18933048

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