STUDIO-III

ART + ICON

Hardik Palsana

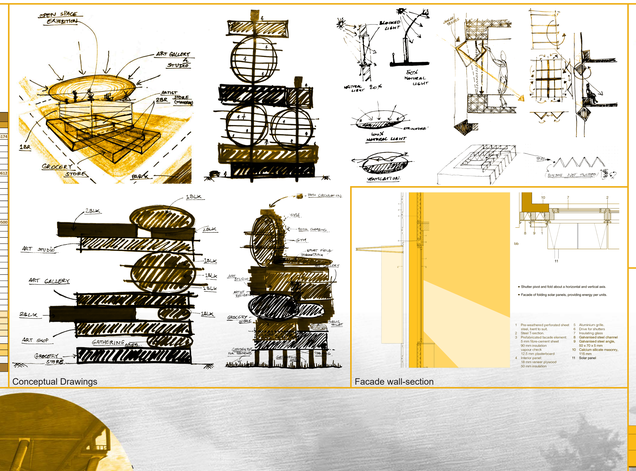
Articon is designed for the artist community, to provide them affordable dwelling and unique workspace together with an iconic building.

Site Location: 35 Delavan street red hook, Coffey Park, Brooklyn, NY.
Site Area: 36,000 Sq.ft.
Construction Material: Concrete, Glass, Steel structure.
Facade: Folding solar panels.
Unit Types: (Residential)1BLK, 2BLK
(Artist Work Space) Studio, Exhibition Area, Material Shop.
No. of Floors: 16

Programme

SR NO	SPACEAREA	NO OF UNITS	AREA(UNIT)sq.ft	TOTAL AREAsq.ft
	HOUSING			
1	UNIT 01	41	618	25338
	BATHROOM	1	130	130
	BATHROOM	1	80	80
	KITCHEN	1	150	150
	LIVING AREA	1	248	248
2	UNIT 02	52	782	40632
	BEDROOM 1	1	176	176
	BATHROOM 1	1	109	109
	BEDROOM 2	1	118	118
	KITCHEN	1	118	118
	LIVING AREA	1	171	171
	BATHROOM 2	1	81	81
3	Filtered	2	14750	29500
	Floor_1 Art Material (SHOP)	1	5000	5000
	Floor_2 Workshop Area	1	5760	5760
	Floor_3 Closed Exhibition Area	1	3982	3982
4	MAIN ROOM	1	660	660
5	COMMUNITY GATHERING SPACE 1	1	3674	2840
6	COMMUNITY GATHERING SPACE 2	1	2526	1300
7	GROCERY STORE	1	3673	200
8	SWIMMING POOL	1	1437	1770
9	TRASH ROOM	1	540	450
10	MECHANICAL AREA	1	1437	1500
11	ELECTRICAL ROOM	1	693	500
12	MECHANICAL ROOM	2	723	804
	BUILT UP - COMMUNITY			8480
	UNIT 01			25174
	UNIT 02			40632
	Filtered			29500
	BUILT UP			103786
	CIRCULATION- 25%			25941.5
	TOTAL BUILT UP			129727.5

Conceptual Drawings

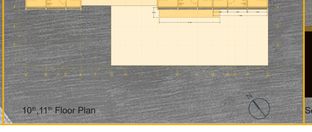


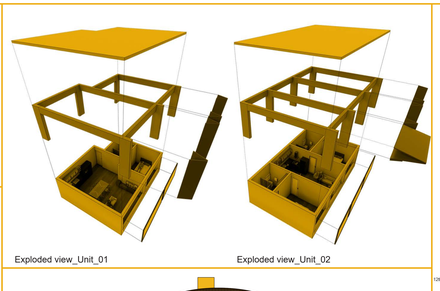
Facade wall-section

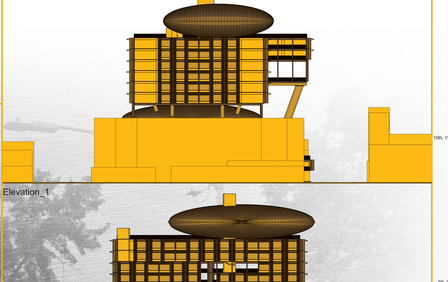
1st Floor Plan

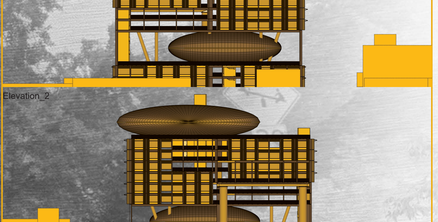
2nd Floor Plan

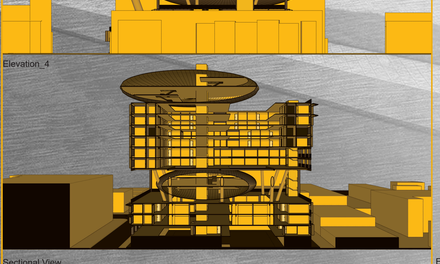
10th,11th Floor Plan



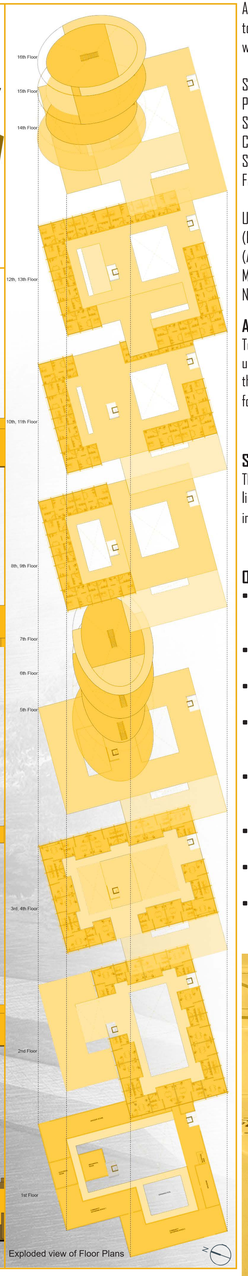








Sectional View



Exploded view of Floor Plans

Articon is designed for the artist community, to provide them affordable dwelling and unique workspace together with an iconic building.

Site Location: 35 Delavan street red hook, Coffey Park, Brooklyn, NY.
Site Area: 36,000 Sq.ft.
Construction Material: Concrete, Glass, Steel structure.
Facade: Folding solar panels.

Unit Types:
(Residential)1BLK, 2BLK
(Artist Work Space) Studio, Exhibition Area, Material Shop.
No. of Floors: 16

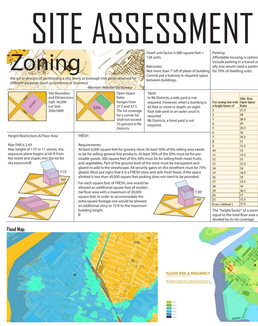
Aim:
To study problems related to common open space, natural light (in dwelling units, Studio, Exhibition Area), common sources of renewable energy in an iconic building (which will be the combined form of residence and workspace) for artist community and provide appropriate solution for the same in proposed design.

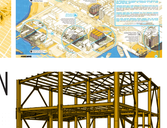
Scope and Limitations:
The study will cover the part of solutions related to the issues faced by people to get natural energy and lights in residence and workspace, it will not question any detailed part of structural systems and policy involved in high-rise building program.

Objectives:

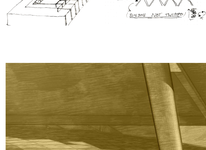
- To understand issues related to community built and open space for residence and workspace in high-rise building.
- To provide common workspace for artist community.
- To provide appropriate open space as per the needs of users.
- To understand the issues related to dwelling unit design faced by dwellers in already developed high-rise building.
- To study issues like privacy, adequate light and ventilation, common open space in workspace, exhibition area and residence.
- To reduce maintenance cost by using alternative and appropriate technologies.
- To analyze the proposed site given.
- To do mapping for the study of Red Hook Housing, development, hydrology, zoning & size, circulation and transportation through the given site.

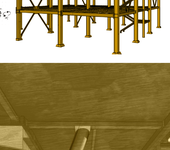
SITE ASSESSMENT

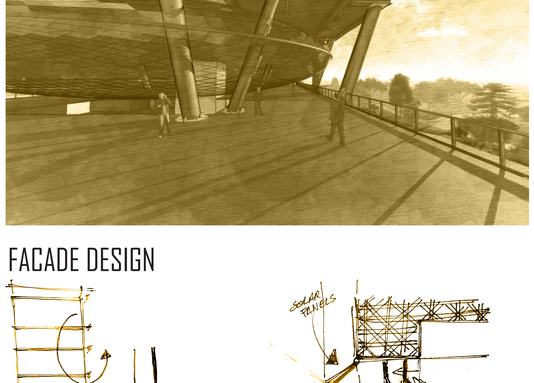




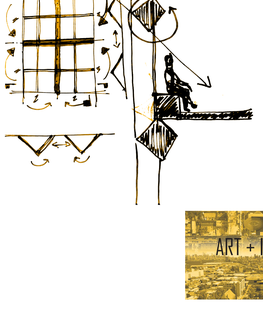
STRUCTURAL DESIGN

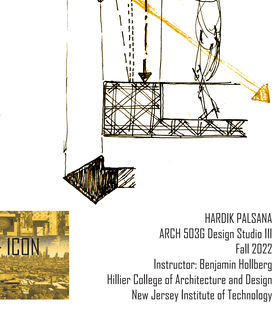






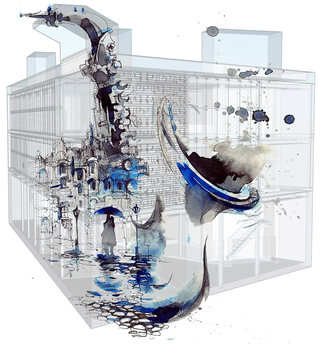
FACADE DESIGN

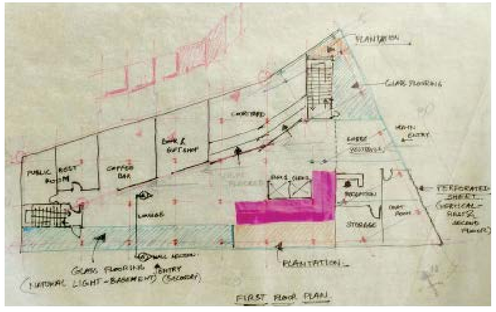




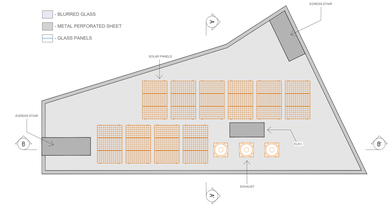
HARDIK PALSANA
ARCH 503G Design Studio III
Fall 2022
Instructor: Benjamin Hallberg
Hillier College of Architecture and Design
New Jersey Institute of Technology

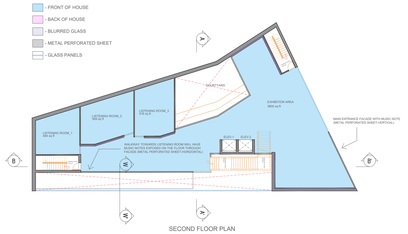
STUDIO-IV

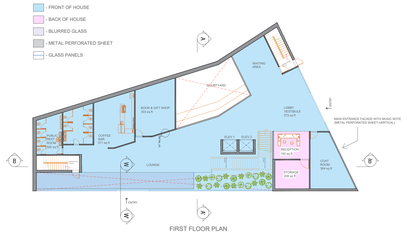


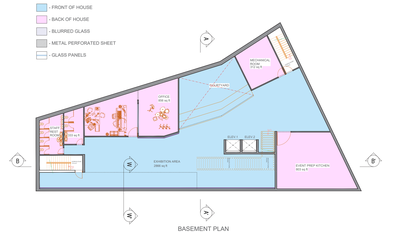


DESIGN CONCEPT





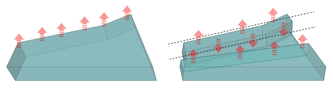


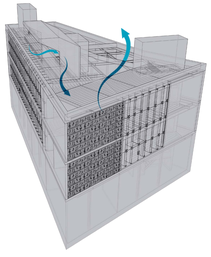


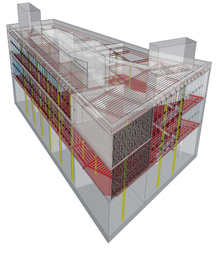
JAZZ LINK

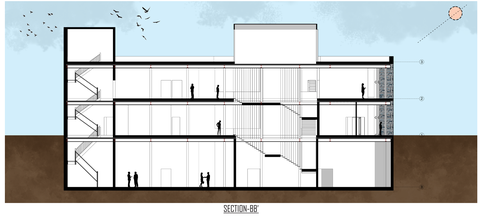
5 Central & Broad St, Newark, NJ

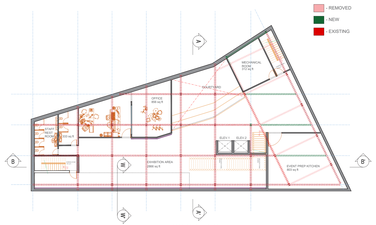
The Jazz Link is an extension of the Institute of Jazz Studies at Rutgers Newark College that serves as an instrument to expand public awareness of Newark's rich jazz history. Inlining the site to the rich history of Jazz that Newark withholds. Adaptive reuse, passive lighting strategies, and a southern facing sloped roof are the composition of this "design instrument."

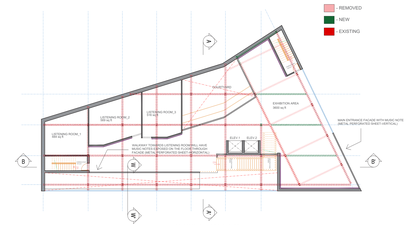


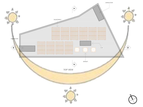






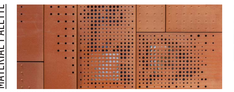


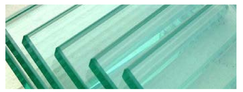




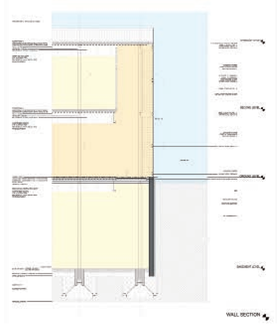
PHYSICAL MODEL

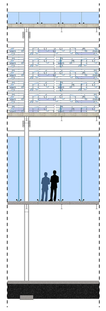
MATERIAL PALETTE

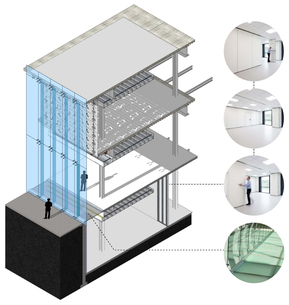

PERFORATED STEEL SHEET

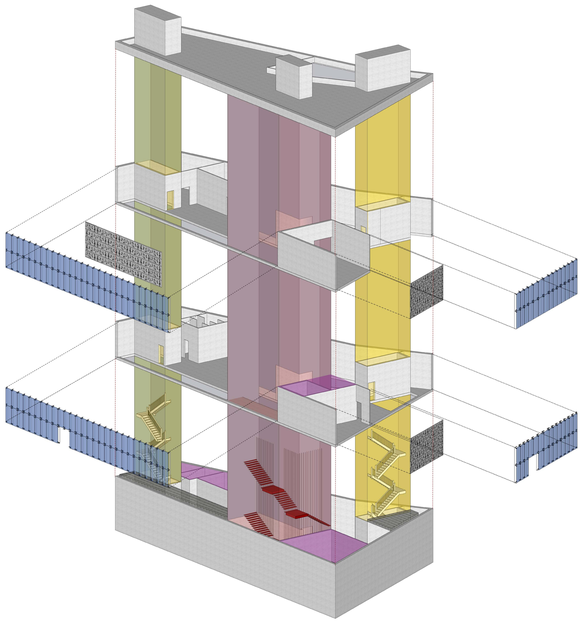

INSULATED GLASS

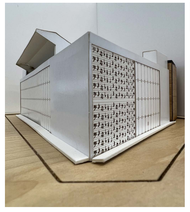
STAINLESS STEEL SHEET

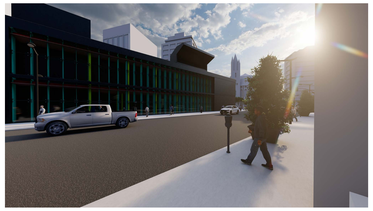


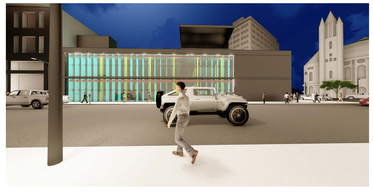


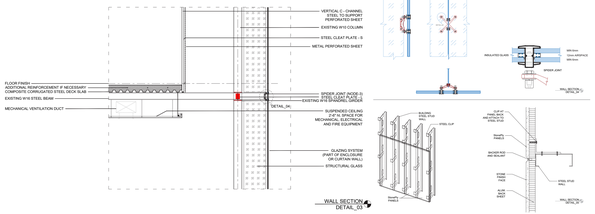








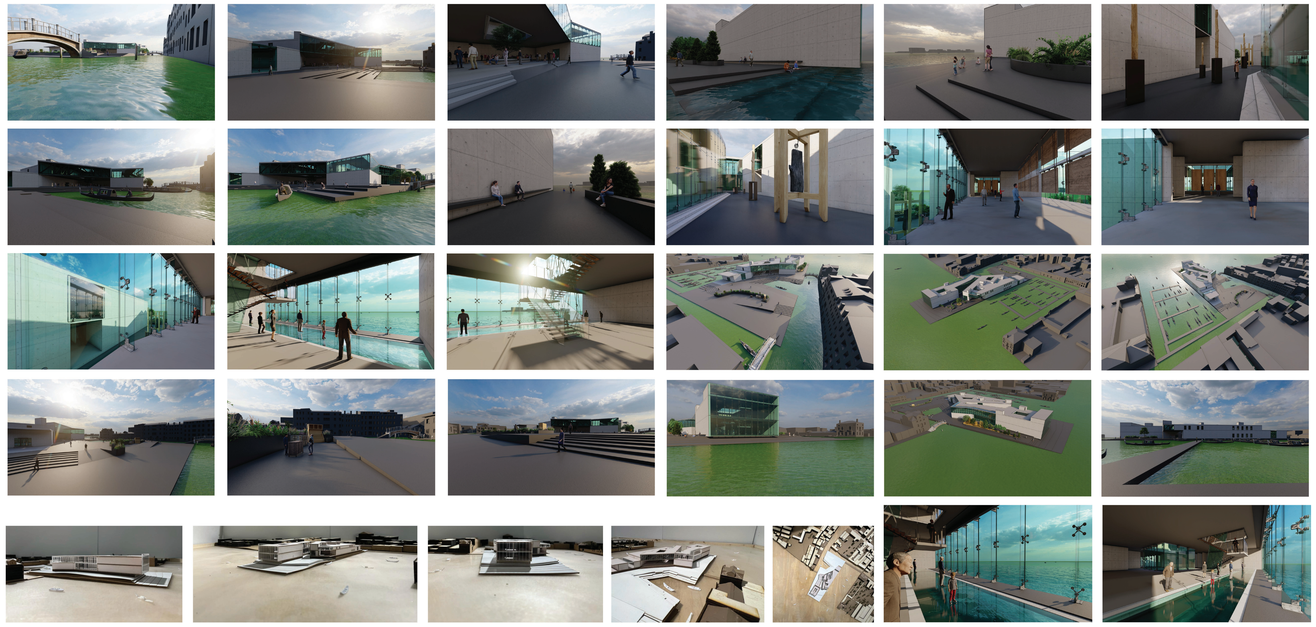




ADVANCED STUDIO-I

The Canaletto Museum at Misericordia, Venice

Located on the very northern edge of the Venice, in what is the missing urban piece of the city, is the Canaletto Museum. The aim of this proposal is to create an environment stemmed from the city's main urban elements to showcase the work of Canaletto, who's illustrations depicting the city often not only portrayed it as a vibrant settlement, but also as a set of moments. As a threshold from the city to lagoon, the site is to create a lasting impression on visitors to Venice.



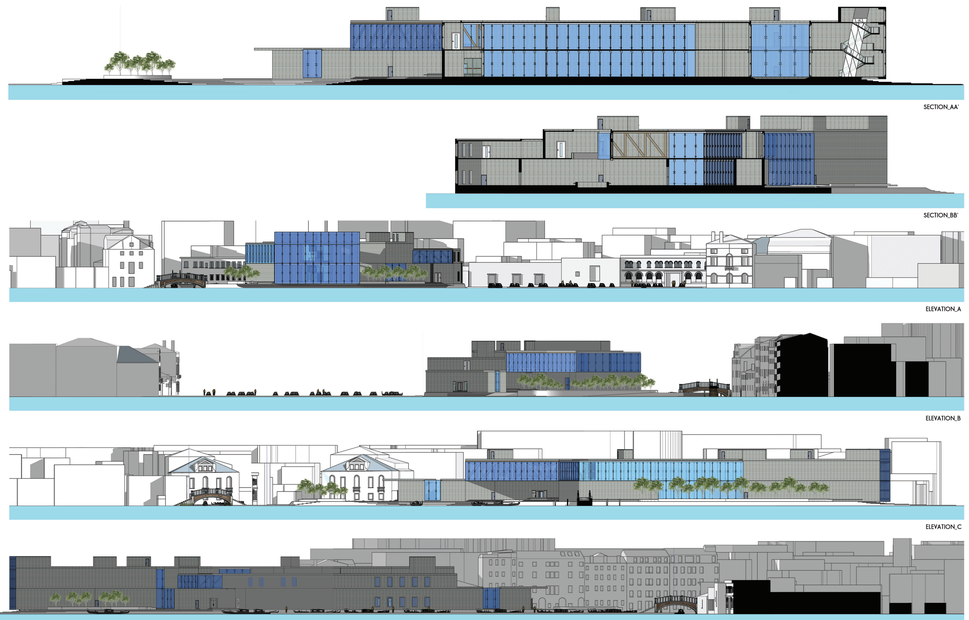
FLOOR_01

FLOOR_02

STRUCTURAL PLAN
FLOOR_01

STRUCTURAL PLAN
FLOOR_02

CONCEPTUAL STAGES



ADVANCED STUDIO-II

FOUR FREEDOMS FOUNDATION
ROOSEVELT ISLAND,
NEW YORK CITY

HARDIK PALSANA

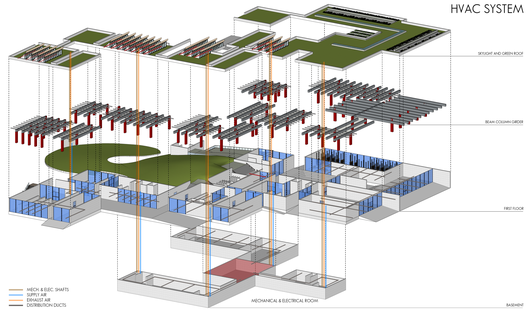
EVALUATION CONCEPTUAL DESIGN

FORMATION

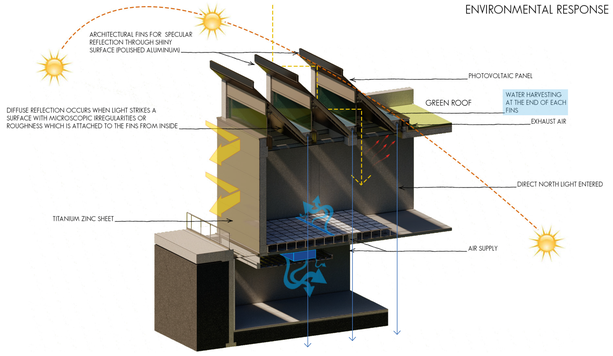
Library + County + Shop

OCCUPANCY TABLE

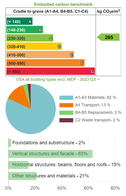
HVAC SYSTEM

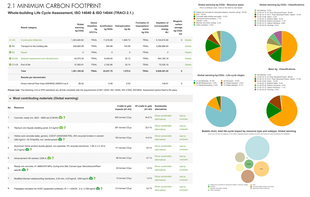


2.3 WATER CONSERVATION



2.1 MINIMUM CARBON FOOTPRINT





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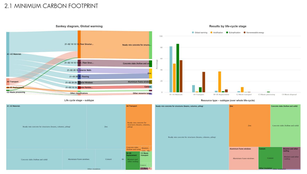

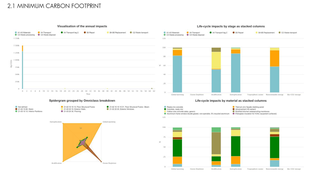

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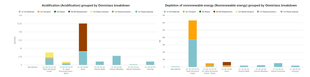
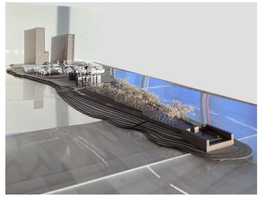
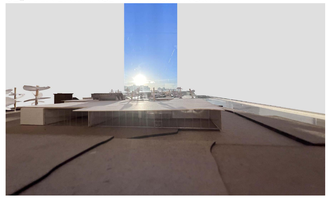


01_AERIAL VIEW FROM SOUTH-WEST



02_MAIN ENTRANCE VIEW FROM NORTH

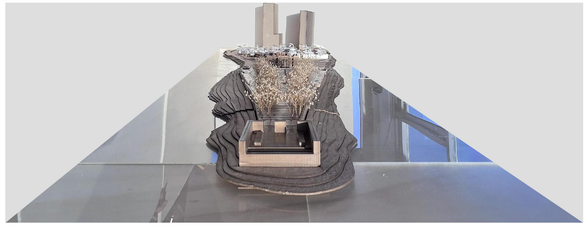


03_TOP VIEW OF THE SITE

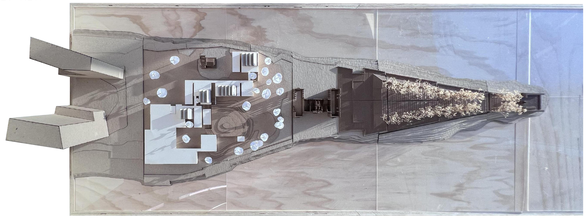
04_VIEW FROM MANHATTAN SIDE

05_VIEW FROM QUEENS SIDE

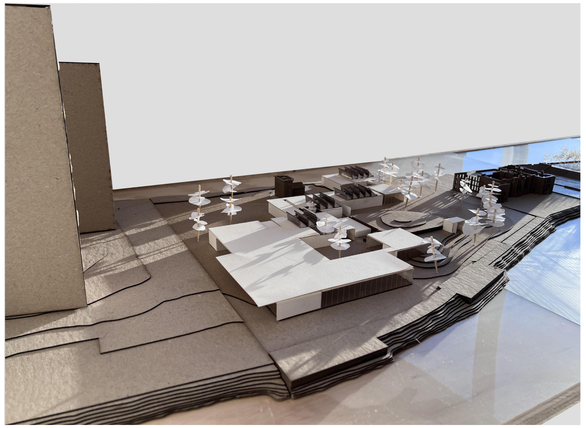
06_AERIAL VIEW FROM SOUTH



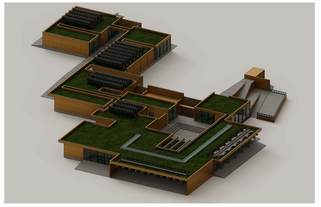
07_TOP VIEW



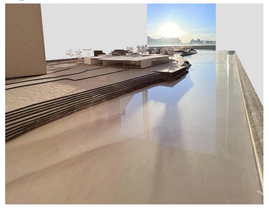
08_AERIAL VIEW FROM NORTH-WEST



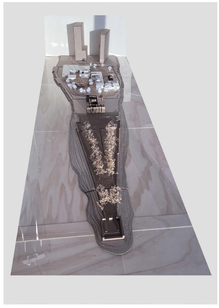
09_ORTHOGRAPHIC VIEW OF BUILDING



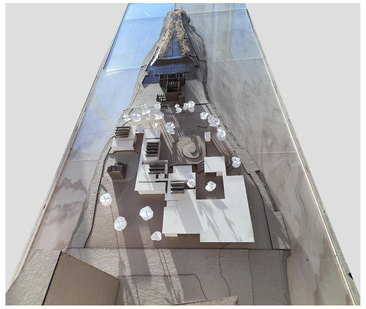
10_EYE LEVEL VIEW FROM NORTH-WEST



11_AERIAL VIEW FROM SOUTH

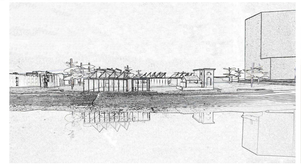


12_AERIAL VIEW FROM NORTH



13_PHOTO MAPPING OF THE DESIGN ON REAL SITE

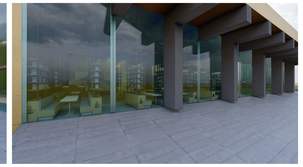
RENDERED VIEWS



01_RENDERED VIEW OF ENTRANCE

02_RENDERED VIEW OF PIAZZA

03_RENDERED VIEW OF CAFE AREA



04_RENDERED VIEW OF PATH MERGING WITH THE HILL

05_RENDERED VIEW OF THE BACKSIDE/QUEENS SIDE

06_RENDERED VIEW OF GREEN-ROOF/LANDSCAPE

07_RENDERED VIEW FROM THE AMPHI-RAMP

ARCHITECTURAL DESIGNER

HARDIK PALSANA

I believe every design is unique in there own way, its not about right or wrong. Even a single dot or line plays an important role in designing. So draw a line, dot and go with the flow.

PERSONAL SKILS

- Modelling skills digital/hand
- Sketching
- Prose-poetry writing
- Content Writing
- Photography
- Documenting
- Management

SOFTWARE SKILLS

- Autodesk Autocad
- Adobe Creative Suite
- Revit
- Sketch up
- Rhino
- Vray
- Lumion
- Twinmotion
- 3ds max

EDUCATION

2013-2016 Diploma Studies in Architecture
Parul University

2016-2021 Bachelor in Architecture
Indubhai Parekh School Of Architecture

2022-2024 Master in Architecture
New Jersey Institute of Technology

EXPERIENCE

TECH EXPO - Bioclimatic Architecture Competition, Vadodara city.
2014
Assisting for all the function, research, and how to design and decorate vast spaces . Managing the artists and all the acts and events happening during the architecture fest.

GTU TECH FEST - Town Planning Competition, Vadodara city.
2015
Learning the process of working with technical drawings.

INTERN at Elyas Panwala, Rajkot city.
2016
Small-Scale Firm

ZONAL NASA - Design Competition Trophy, Surat city.
2018
Photgraphy and content writing of the RAW design festival.

INTERN at Christopher Charles Benninger Architects Pvt. Ltd., Pune city.
2019
Large-Scale Firm

DESIGN THESIS - Sustainable Architecture, Government Project, Rajkot city.
2020
Housing for Economically Weaker Section/Low-Income Families.

JUNIOR ARCHITECT at Selfswayam Redevelopment Consultant Llp., Mumbai city.
2021-2022
Large-Scale Firm
I gained practical experience by assisting an architect for a year, where I learned about site operations and the management of technical drawings. I was involved in all stages of the design process, starting from initial concept development through to implementation and documentation.

MASTER IN ARCHITECTURE - NJIT
2022-2024
Educational knowledge regarding Structure, Construction, Landscape & Architecture concepts, Professional Practices, Building Dynamics, Facade Designing, Advanced Studios.

TEACHING ASSISTANT at HCAD, NJIT.
2022-2024

Hardik Palsana +1 551-343-8918 palsanahardik15@gmail.com