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Vernacular Architecture in Postwar Taiwan from Female Architects' Perspective, Wang Chiu-Hwa P.14 2024 Spring Modernism + The

Verna<mark>cular</mark> Prof. Mary McLeod

Sense Deprivation Pod P.30 2023 Fall Ways of Experiencing Prof. Karen Wong

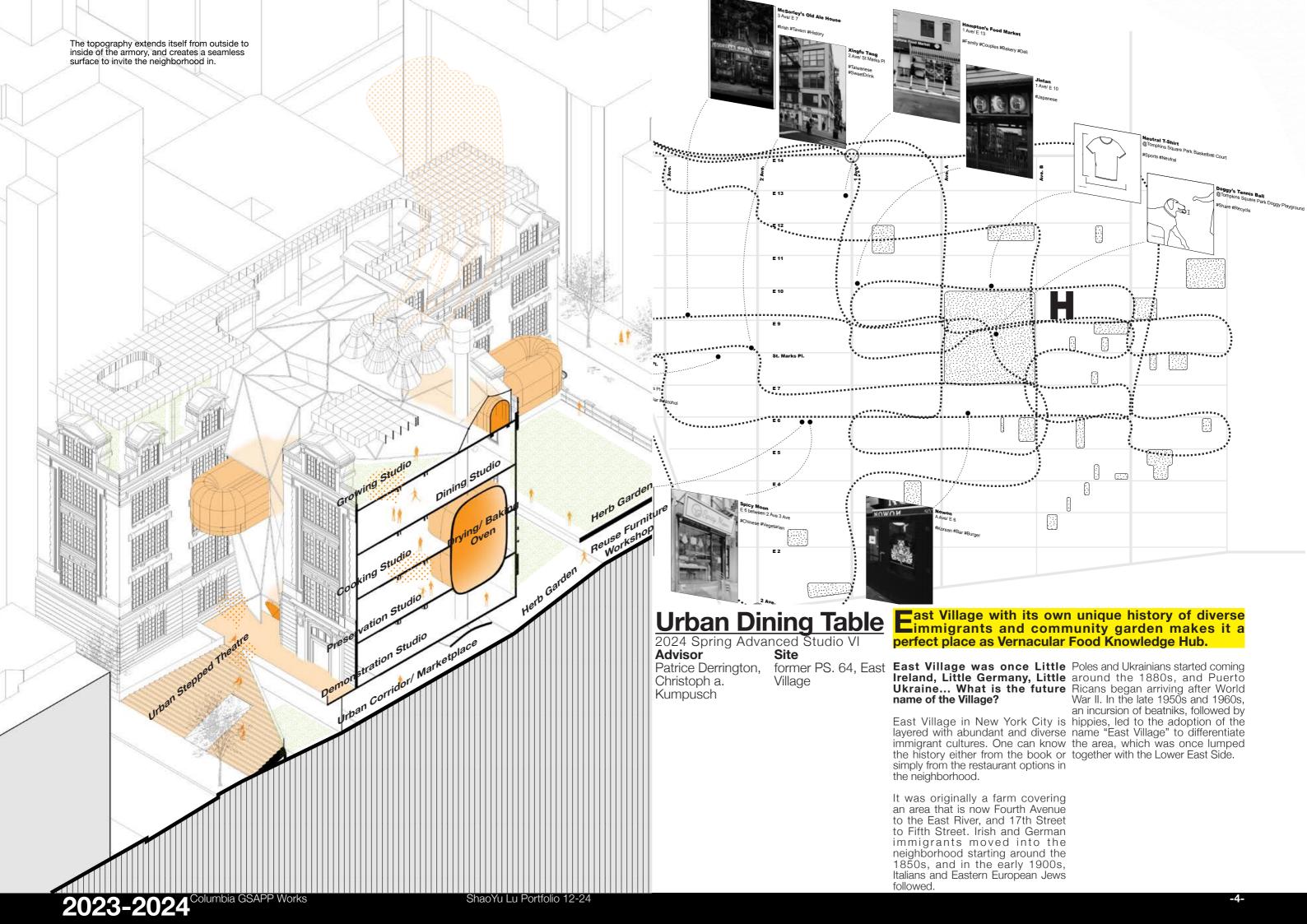
Signal Station P.34 2023 Summer Advanced Architectural Design Studio Prof. Corneel Cannaerts/ Michiel Helbig

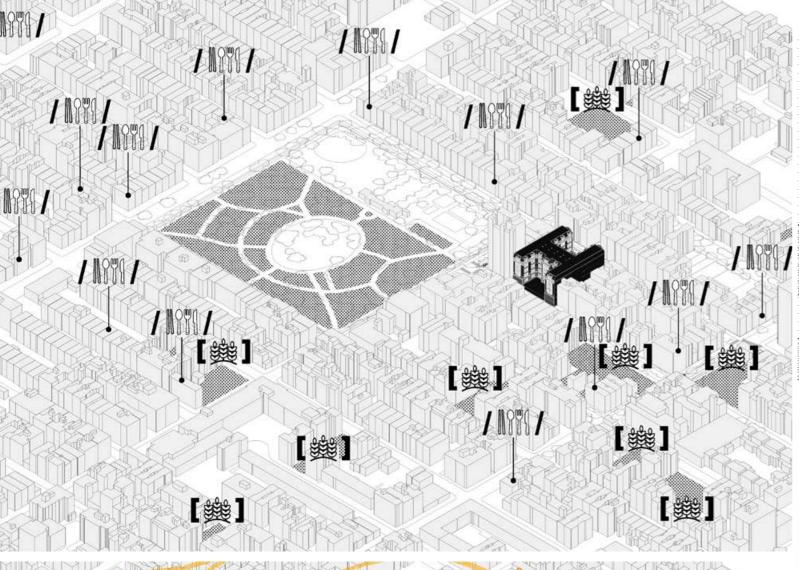
Transcalarities P.42 2023 Summer Transcalarities Andres Jaque, Bart-Jan Polman

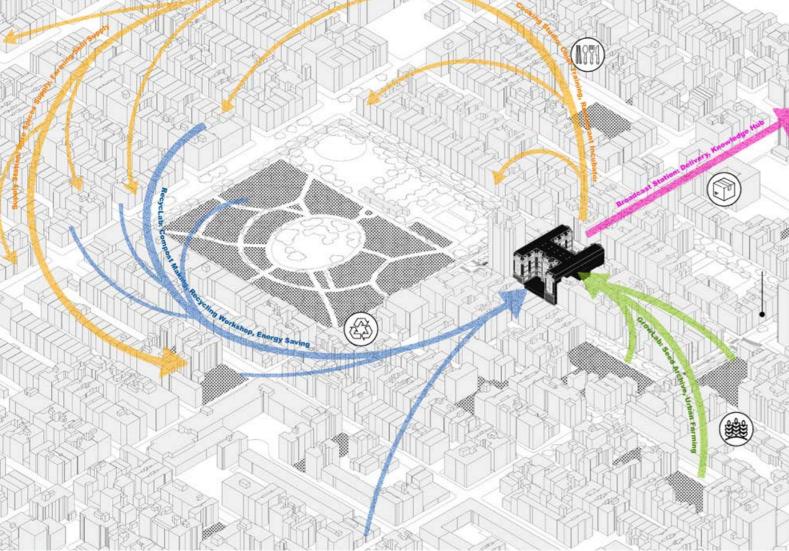
Argument P.44 2023 Summer Argument



SPRING









The history brings the vernacular food production, display, and recycle process back at East

guerrilla gardens are the seed drop at a time. hubs for the present residents in East Village to The residents at that time repass down the agricultural placed part of the toxic debris **knowledge and produce lo-** in the abandoned lots with the cal vegetables, fruits.

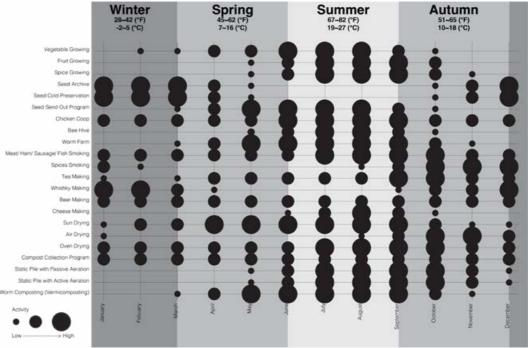
ers banded together with a compost program, suitable for shared vision: beautify the growing edible produce and urban landscape with lush other greenery. Those gargreenery and produce local dens gradually become farms, Many neighborhoods at the on. time were seeing a high number of abandoned lots and The former PS.64 has the buildings as the city entered **potential for making the** a massive fiscal crisis, and **food cycle more complete**

Community gardens and to transform these spaces one

soil, which was made from the organic compost people In the early 1970s, New York-collected from the community food for the neighborhoods, parks, cultural plazas, and so

community members aimed and promoting to the rest of the City.

The former PS.64 is located at the center of the East Village and this food cycle. At the east of the building lie numerous major community gardens in the area, like La Plaza, 9th St Community Garden, while the multi-cultural restaurant clusters are more at the west side. Tompkins Square Park, just one crosswalk away, serves as a vital place for compost collecting program and food



Summer

The programs and the building adapt to different seasons.

deeply.

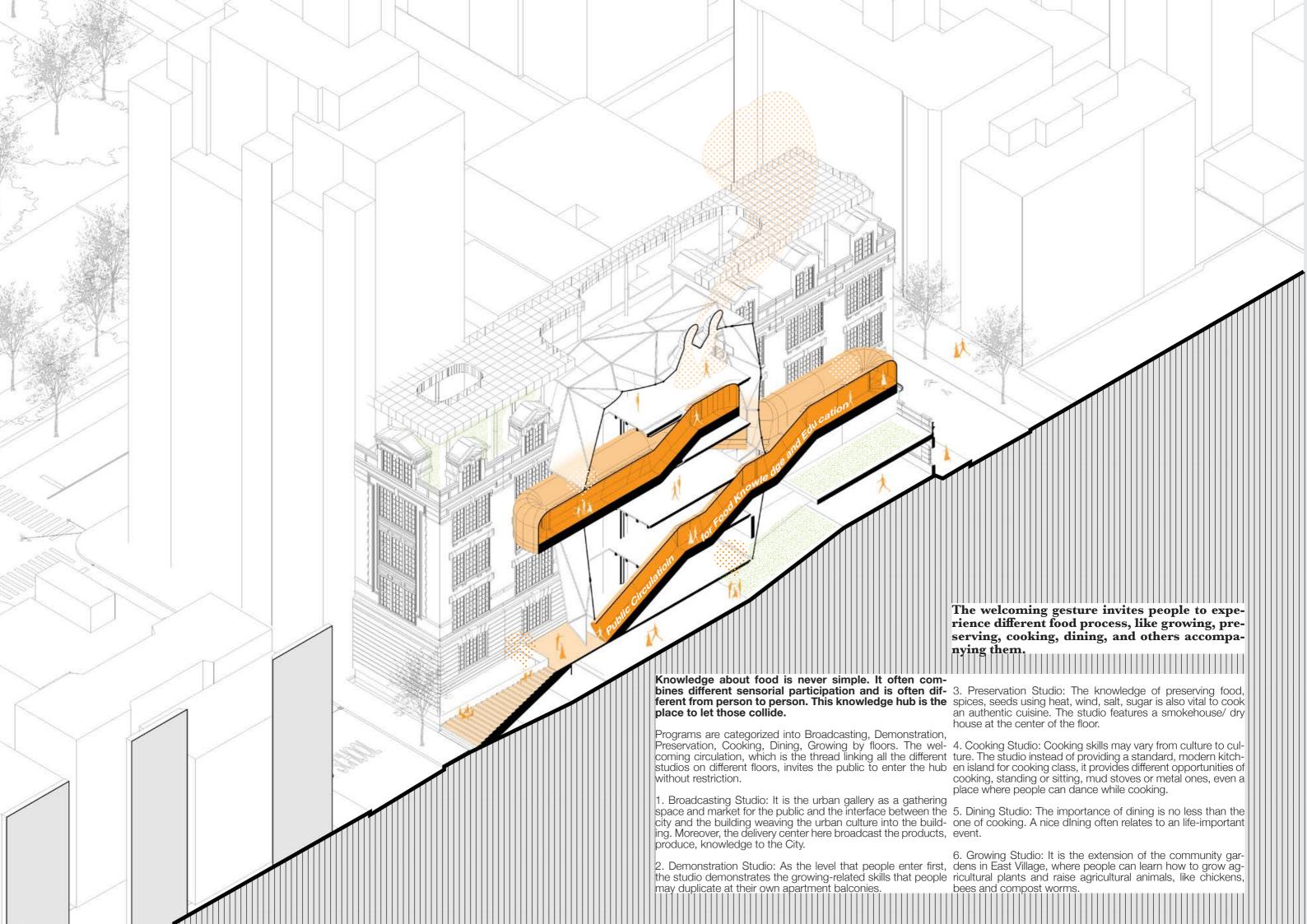
The programs in the building live with the nature and learn from the nature. With the wind pipes, thermal systems, hybrid use program space, different seasons will be the power driving the building.

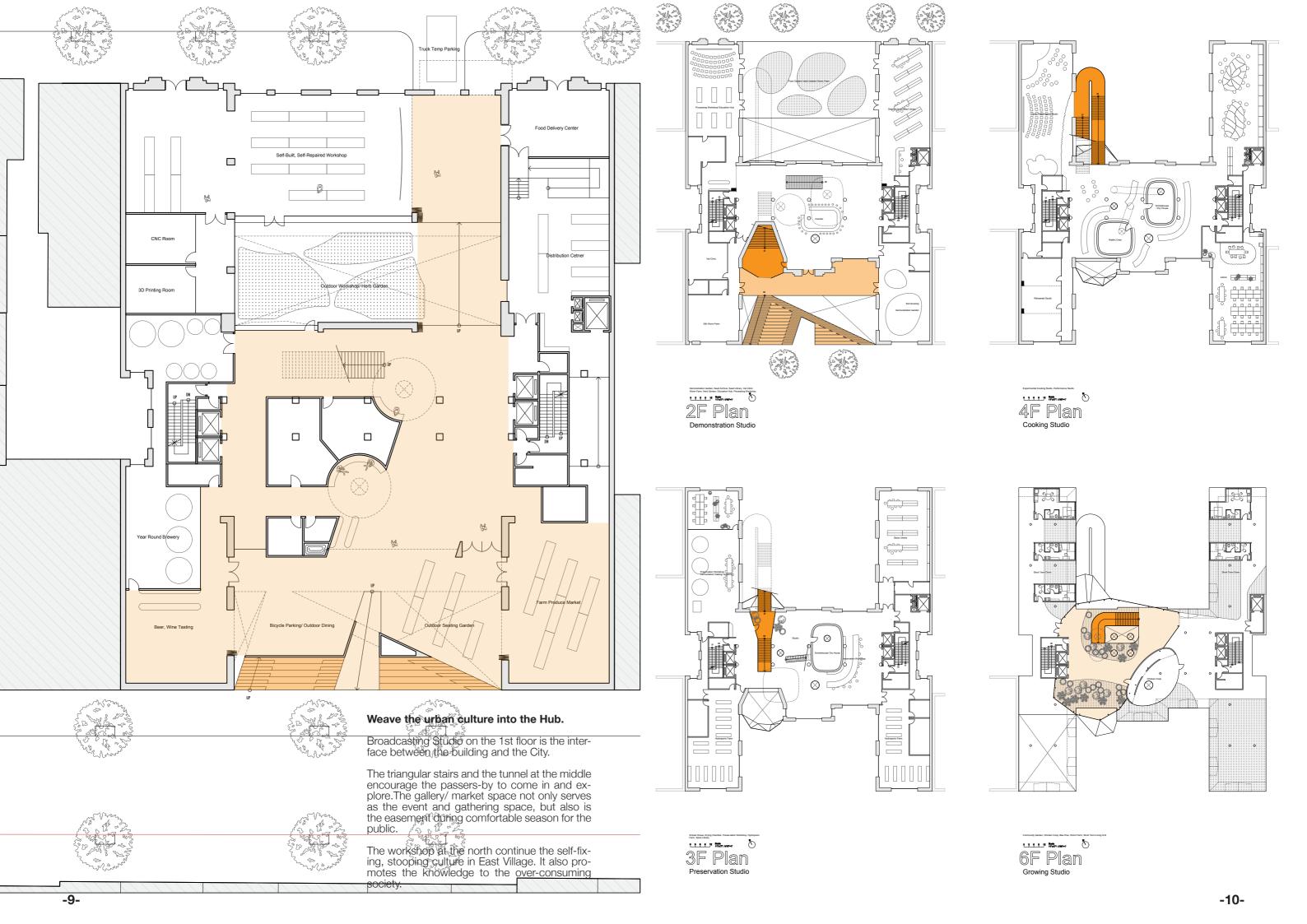
It is not only a energy-sustainable building, but also a financial self-supported

The Urban Dining Table in PS.64 collaborates with the

Like growing different veg- local community offering rea-etables and fruits in dif- sonable rents to those who ferent seasons, the whole aim to introduce food knowlfood producing process edge, experiment new cuisine, also adapt to seasons learning cooking skills, providing reasonable food to those in

| Urban Dining Tabl | е | | | | |
|------------------------------|--------|-----------------------|------------|--------------------|-----------|
| Usable sqf | 80000 | | | | |
| DEVENUE | | | | | |
| REVENUE | sqf | number of unit/ event | | | |
| Clinic (2F Clinic) | 1,800 | | \$2.00 | \$24.00 | \$43,200 |
| Retail (1F Temp) | 576 | | \$2.00 | \$24.00 | \$13,824 |
| Retail (1F Brewery) | 1,902 | | \$2.00 | \$24.00 | \$45,648 |
| Retail (1F Farm Market) | 1,813 | | \$2.00 | \$24.00 | \$43,512 |
| Workshop (1F Workshop) | 4,253 | | \$0.25 | \$3.00 | \$12,759 |
| Workshop (2F Processing) | 2,635 | | \$0.25 | \$3.00 | \$7,905 |
| Workshop (3F Fermanting) | 2,635 | | \$0.25 | \$3.00 | \$7,905 |
| Workshop (4F Studio) | 2,635 | | \$0.25 | \$3.00 | \$7,905 |
| Workshop (5F Studio) | 2,635 | | \$0.25 | \$3.00 | \$7,905 |
| Living Unit (6F Single Dorm) | | 3 | \$1.500.00 | | \$4.500 |
| Living Unit (6F Family Dorm) | | 2 | \$2,000.00 | | \$4,000 |
| Event Space (1F Hall) | 3,682 | 20 | | \$4,500.00 | \$90,000 |
| Event Space (2F Hall) | 4,160 | 20 | | \$5,500.00 | \$110,000 |
| Event Space (3F Hall) | 4,054 | 20 | | \$5,000.00 | \$100,000 |
| Event Space (4F Hall) | 4,054 | 20 | | \$5,000.00 | \$100,000 |
| Event Space (5F Hall) | 4,054 | 20 | | \$5,000.00 | \$100,000 |
| Event Space (6F Outdoor) | 7,000 | 20 | | \$6,000.00 | \$120,000 |
| Delivery Center | 1,917 | | \$0.10 | \$1.20 | \$2,300 |
| Total Revenue | | | | | \$821,363 |
| OPERATING COST | sqf | number of personnel | | cost per year/ sqf | |
| management | | 2 | | \$25,000.00 | \$50,000 |
| utility | 80,000 | | | \$2.00 | \$160,000 |
| cleaning | 80,000 | | | \$0.10 | \$8,000 |
| security | 80,000 | | | \$0.05 | \$4,000 |
| insurance | 80,000 | | | \$0.10 | \$8,000 |
| repair and maintenance | 80,000 | | | \$0.75 | \$60,000 |
| Total Operating Cost | | | | | \$290,000 |
| | | | | | |







Vernacular Architecture in Postwar Taiwan from Female Architects' Perspective, Wang Chiu-Hwa

2024 Spring Modernism + the Vernacular by Prof. Mary McLeod

The postwar time, II in China in 1937, National participatory architecture



listening to her cousin's ideals. He contributed to friend's review at National projects with social meanings, Central University when Chiu-like synagogues and schools Hwa was in her third year in in the United States in modern high school. After that, she architectural principles. With listed architecture as her first his brother, the sociologist choice when selecting her and writer Paul Goodman, he major at university. Due to also influenced a generation of the outbreak of World War architects and planners about

1945~1990, in Taiwan is a Central University was forced in the 1960s and 1970s to chaotic period of change. The to move to a far back area, improve social conditions. colonization by the Japanese Chongqing, from Nangjing. As Chiu-Hwa started to work ended in 1945 along with the a result, Wang Chiu-Hwa was part-time in Percival's studio end of World War II. Chinese admitted to the Architectural while she was still in school, civil war between the KMT, Engineering Department became a full-time employee, Chinese Nationalist Party, and at the Central University in and eventually became a CPC, Communist Party of Chongqing in 1942. As one partner of Percival's studio. China, led to the great retreat of the earliest architecture from China to Taiwan. Taiwan departments in China, suddenly became crowded National Central University with the philosophies of native conducted its architectural Taiwanese, colonial Japanese, education with the Beauxclassical Chinese, and Arts system. Beaux-Arts

Western, which was brought architecture emphasizes by the economic cooperation sculptural decoration along from the United States from conservative modern lines and As the first project she had in The hybrid situation was system in China was criticized Studies at Nangang District stand out and prestige, and abundant production of also shown in architectural due to overcaring the classical in Taipei in 1973, which the other is to keep those red clay, the material of red style. The essay is intended exterior decoration rather was situated in a rice field important buildings last bricks, in southeast China. to talk about the Taiwanese than focusing on the interior within the southwest corner longer than the residential the architecture in southeast architectural identity from function arrangement of the of the Academia campus. In the painting China used heavily red bricks female architects' perspective architecture. Chiu-Hwa was When she was designing the during the postwar period in confused about tracing the project, Taiwan hasn't been Taiwan, 1945~1990. Male French and Italian Baroque her long-term home yet. She Welcoming the Bride" the commonly seen in the other term home for her and her wooden architecture in a professionals dominated the and Rococo columns and designed the architecture elevated house behind the parts of China, because the mother after her father passed more affordable way. The Architecture Industry at that decorations that was novel when she was still practicing wedding crowd", the still color red was seen as a royal away, was her second project Japanese brought the habits Wang Chiu-Hwa (1925-2021): graduating from the National Taiwan, Chiu-Hwa used the Manufacturing Campany at Wang Chiu-Hwa was born Central University in China philosophy of stilt houses Takao. The elevated base in 1925 in Beijing, finished in 1946, Chiu-Hwa spent a to design the facility. Stilt keeps the building dry. On her university studies in year studying the fifth year at houses are commonly seen top of the base stands the architecture in Chongqing, the University of Washington, in humid areas like Taiwan Baroque-style arches and China, was trained as an Seattle. It was not until she and southeast Asia. The decorations, which is called ' architect in GSAPP, and entered Columbia University indigenous people, especially the tropical colonial style" by worked for 30 years in GSAPP, that she met the ones living in the plain the Taiwanese architectural



modern materials. However, Taiwan, Chiu-Hwa designed be two, one is the elevated when they were fishing or the Beaux-Arts education the Center of American position makes the building trading. Because of the but irrelevant to the Chinese in New York. All of her base house is clearly shown, exclusive color. During that in Taiwan in 1983. Compared to Taiwan when they started environment at that time. Li knowledge about the site Hui-Bo, who graduated from came from the Taiwanese the University of Michigan collaborative firm and the in 1932 and also know as short site visit. The links one of the four significant between her design and the architectural educators during local environment are limited. the WW2 period in China, The overall space organization was a meaningful mentor and exterior style resemble who truly intrigued Chiu-Hwa Le Corbusier's modernism. with architecture. Except However, the climate is the During the Japanese colonial exported bricks from China. center, but it's actually 1 unit as the Residence's facade, for teaching students in the biggest difference from the period, Japanese architects In Japanese colonial times, on 1 floor. The facade of the instead, she chose simple former Beaux-Arts way, Hui- United States. Considering also integrated the design to the Japanese put effort into building is tiled with white white glazed tiles, which she Bo taught with the modernism the tremendous amount of their important administrative developing the brick industry glazed tiles. The history of later complained about the philosophy inherited from Emil rain, the adjacency to the buildings, like the residence for Lorch, UMich. After river, and the humidity in the principal of Taiwan Sugar Percival Goodman's studio important mentor of her areas, in Taiwan used historian Li Chen-Lan. in New York before going to lifetime, Percival Goodman. bamboo, wood, and straw Percival Goodman was a to build those still houses as professor in GSAPP, an their administrative buildings Her initial interest in architect and a planner with a or important gathering architecture started from strong commitment to social spaces. The reasons may









Material-wise, the connection between the Center of

is the red brick. The history of care of her elder father. Xue Western classical style with The Japanese not only made using red brick dates back to Residence, which is the long- the Japanese traditional the material commonly used

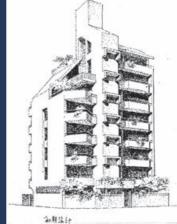


1750-1895. Chinese living on the southeast coast of China often stayed shorty in the coastal area of Taiwan "The Genre Paintings of as their primary building Taiwan's Aboriginal Peoples: materials, which was not brick industry in Taiwan at the Center of American 1895. Compared to the paint all, and people saw Taiwan Studies, Chiu-Hwa linked facades, the tiled facades only as a temporary shelter Xue Residence with her are more suitable for the civil buildings, the official Xue Residence looks like a diverse variation. However,



when they found abundant red clay resources in the western coastal area of Taiwan. Red bricks started to be massively used in Taiwanese civil architecture.

local vernacular architecture 1979 from New York to take materials and integrating tatamis in Taiwan is deep. Goodman's studio in New





administrative buildings were building with 2 units on a floor Chiu-Hwa didn't choose built in red bricks using the and with a circulation at the the colorful and diverse tiles using glazed tiles happened difficult-to-maintain color. slightly after red bricks were broadly used. In Japan, after the Meiji Restoration, from 1868 to 1889, architecture in



culture. The usage of tiles shape of an East Asian fan. was brought into Japan Postwar architects in Taiwan during that time either to liked to include this garden art mimic the texture of marble in their designs, like another facades or simply differentiate themselves from traditional time, although there was no to the mindset designing to colonize the island on place not worthy of investing cultural habits and the land humid and rainy Taiwanese money in building brick more than the previous one. environment and with a more



during the colonial period, but tatamis also changed the way we measure space til now. Ping, the common space unit in Taiwan, is equal to the size of two tatamis, 91cm x 182cm x 2. Tatamis also increase the flexibility of the space, which can be laid out as a flat gathering space or a bed space. The window here is also another interpretation of her cultural experience. The flower shape window was inherited from the design of Chinese gardens (園林). Besides the flower shape, there are more variations from the pentagon shape to the





Da-Hong designed circular vindow as the main visual feature in his

in 1953. During that period, people just retreated from China with Chiang's troops. They still had the thought of fighting back to mainland China. People reflected their emotions in their living space.

To read postwar Taiwanese history, Wang Chiu-Hwa's experience is a miniature of While Chiu-Hwa designed a part of that hybrid, chaotic and built Xue Residence for time. From Chiu-Hwa's her whole extended family, perspective, she was born she kept the upper two into a relatively wealthy and floors for her and her mom, privileged family with her On these two floors, some father as the principal of Wu Taiwanese hybrid culture was Han University. Before she left reflected in the design. All of China for the United States for her home flooring is wood, education in 1946, China was but she made the guest room her home. Chinese land with a tatami floor to maintain carried all of her childhood the flexibility of being the bed memories and acquaintances. American Studies and the Chiu-Hwa moved to Taiwan in Japan started using Western as well. The importance of After working in Percival

2023-2024 Columbia GSAPP Works

ShaoYu Lu Portfolio 12-24

York for 30 years, New York somehow became her other significant home. She embraced the modern concrete cityscape and the design philosophy of modernism. İn 1979, Chiu-Hwa moved to Taiwan to take care of her aging father. She had to make the island she had never spent a long time on her home. The island bore the memory of the indigenous people living here for 8,000 years according to Rober Blust's Selected papers from the Eighth International Conference on Austronesian Linguistics (pp. 31-94), Dutch colonizers from 1624 to 1662, Chinese Ming and Qing Dynasty from 1662 to 1895, Japanese colonizers from 1895 to 1945, Chinese Chiang Kai-Shek's troops from 1949 till now, and the economic and military support from the United States from 1951 to 1965. All the different layers of history add to the small island, which makes the vernacular languages sway between different origins. People may say there's no style in Taiwan because there are too many ingredients cooking in the pot, and each of them has their origin somewhere else in the world. In Chiu-Hwa's own residence, Xue Residence, those elements are combined together harmoniously. The hybridity and diversity maybe are the vernacular languages in Taiwan.



Wang Chiu-Hwa in her house, Xue Residence



Lin An Tai Historical House, 1820



Taipei City Public Auditorium, now called Zhongshan Hall, 1936

City Public Auditorium,



The diverse tiles on Taipei Taiwan Panomara

Magazine, 2021 Interview with Architect Wang, Chiu-Hwa https://www.mplus.org. hk/en/magazine/7-factsabout-about-taiwansmother-of-libraries/

"On the Archiectural Works of Chiu-Hwa Wang in Taiwan", Lin Chun-Yu Graduate School of Architecture, Tamkung University, 2008

The elevated ground floor of the Center of American Studies. (Source from a+tec Magazine)

The interior of the Center

auditorium. (Source from

of American Studies

a+tec Magazine)



The Government-General of Taiwan, 1919



The guest room on the 8th floor of Xue Residence, 1983



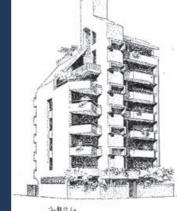
Taiwan, 1919



The plan of Wang Da-Hung Residence, Wang Da-Hong, 1953



The Genre Paintings of Taiwan's Aboriginal
Peoples: Welcoming the Bride (A.D. 1736 –1795)



Residence, 1983



• The circular window in Wang Da-Hung Residence, Wang Da-Hong, 1953



Residence of the principal of Taiwan sugar-manufacturing Campany at Takao, 1901



Taipei Post Office, 1930

The exterior and living room on the 7th-floor photo of Xue Residence,

1983



The mixed-use of brick and concrete of the Center of American Studies (Source from M+ Archive)



The Scratch Tiles (筋面 磁磚) on the Taipei Post Office, 1930









Park Kingsbridge 2023 Fall Advanced Studio V

the Bronx

Advisor

Laurie Hawkinson

Teammate Harshini Ashok Kingsbridge Armory, A vibrant oasis of landscaped hills

connect to a water valley where kids can play, therapy gardens for elders tie in between informal

amphitheaters for theatrical for construction company planting performances, and a subway station trees to decarbonize building plugs into the adjacent street station. construction.

Imagine taking your evening walk through a contained forest atmosphere, dining at your favorite local business while listening to upcoming artists, sitting atop the landscape volumes to finish a book with panoramic views, or grabbing a drink and watching the local basketball game with your friends.

People may wonder the feasibility of bringing a park under a roof. However, with armory's gigantic

What if there was a self-sustainable park in the Armory that could weave the gap between parts of the neighborhoods?

roof, we can easily collect rainfall and snowfall enough to grow 1,000+ trees of 15 inches diameter, which makes it a fantastic place

It's a park would keep thiving with continuous income of green and with the diverse community around



2023-2024 Columbia GSAPP Works

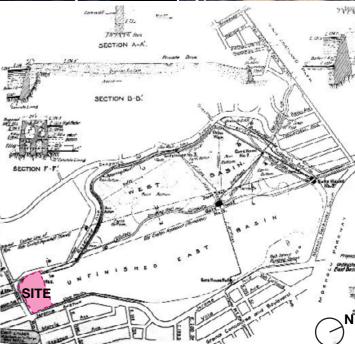
ShaoYu Lu Portfolio 12-24



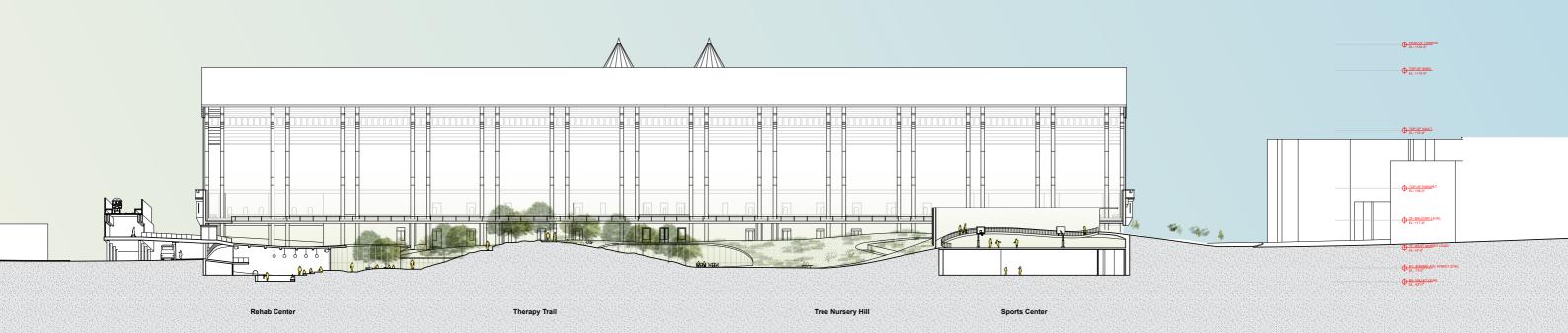


← Diverse and Complex Neighborhood
Kingsbridge Armory hsa been a black box blocking
connection between diverse neighborhood for ages. The
neighborhood is proud of its abundant local commercial,
educational energy and tranquil living environment.





Den up the black box as a Free Surface
The terrain around the armory is also complex like those programs around it. The free surface, as a park, a tree bank, a community gathering center, creates continuous experience for the residents, commuters, students, seniors, vendors, late night pedestrians, and so on.





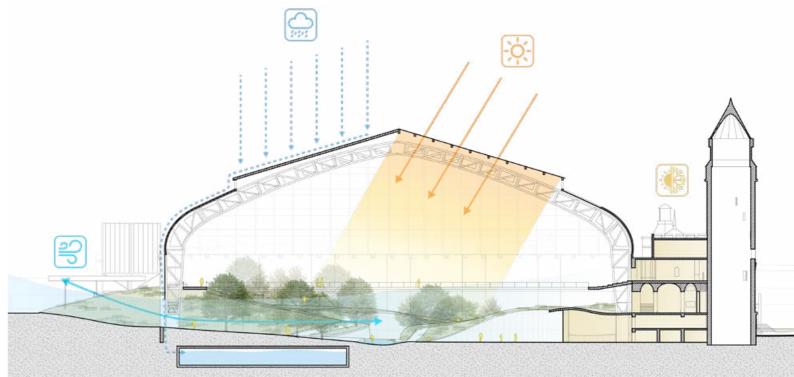




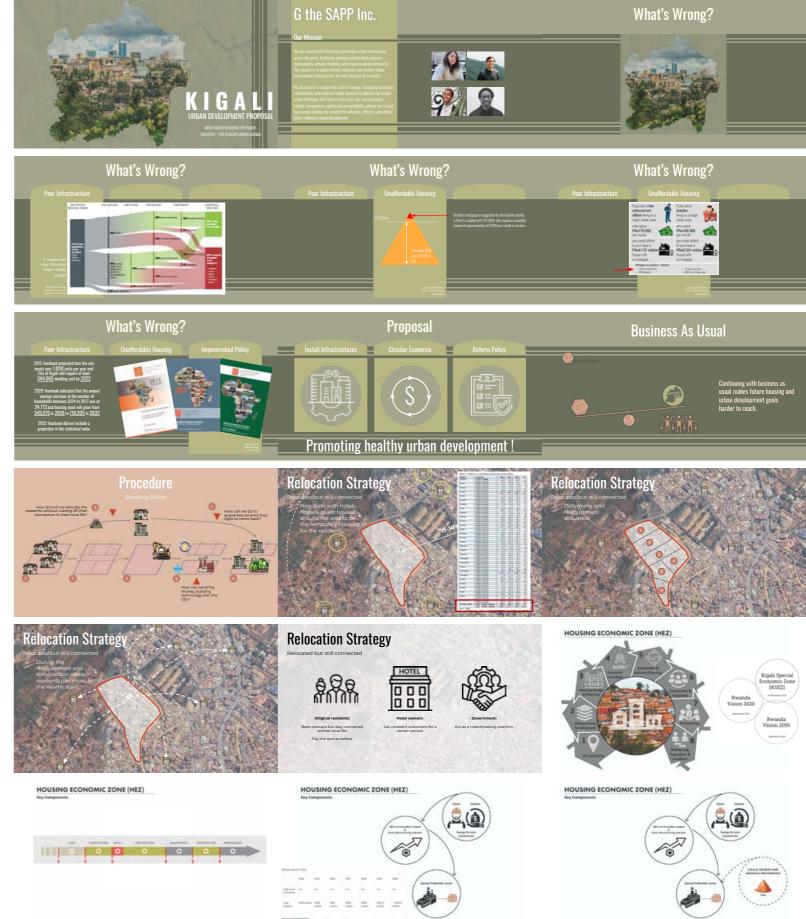
Armory Roof 204,451 sqf

11,177,362 gallons of water











2023-2024 Columbia GSAPP Works

ShaoYu Lu Portfolio 12-24

Sense Deprivation Pod 2023 Fall Ways of Experiencing by Karen Wong



Immersive experiences are the ultimate goals of all shows, exhibitions or services. To achieve this goal, there are several steps, according to Maria Lorena Lehman's tips for great exhibition design, that need to be taken care of. However, it doesn't mean that if we overload every and may be rather going for a more intimate and sensory one. There are two separate approaches to designing immersive environments: one is to provide loads of sensory stimuli, and the other is to physical environment.

It is known that blind humans VR headset, and a bone or animals have better conduction transducer, senses of smell and touch. If the company recreates the a sense is deprived of one, experience of eating by some other senses would be hacking vision, gustation, enhanced. One restaurant in olfaction, audition, and New York takes advantage touch thus tricking people's of this phenomenon, senses into believing that the introducing a "dining in the "faux" food they're eating dark" activity claiming that in is a gourmet meal, even a unique blindfolded dining they're served with 3D printed experience, we can elevate and tasteless food. What is our taste experience to the dominant factor in this another level. Humans rely experience? The physical the most on our visual senses food seems to be replaced to record our daily lives and by other sensory impetuses. create experiences. In this Recently in the wine industry, blindfolded case, not only a team based at Stockholm do people have to only use University has developed the smell and the texture of a way for users to smell or the food to document the taste wine in the virtual world. experience, but they also have to finish many "simple" dining tasks, like putting the fork with the food inside their mouth without dropping it, which is not familiar to them. However, it is this enhancement of uncertainty that make this activity captivating even with So, maybe in a homesick less sensory stimulus.

immersive experience that meditate and claims to ease I'm eating a burger with a stress effectively. Because YouTube video playing about of the isolation of the light,



Speaking of sense hacking, though the idea seems novel in the food industry, it was used in the exhibition realm before. In 2022, a Norwegian-born, Berlinbased artist, Sissel Tolaas,







many shows today claiming visual part of the experience immersive. Some exhibition is distorted to create another packages their contents surprise? Another team using loads of projection and from Los Angeles, Project speakers. In this technology- Nourished, introduces boomed era, people may be another way to experience



block sensory stimuli from the are only for physiological and sustaining functions. By using an aromatic diffuser,



night, it is an easy self-made

through the exhibition leaves experience. much imagination for us to inked to it.

is another level of sense experiences. hacking. A light and soundisolated pod filled with saltv water and air both heated to the same temperature as our body, stimulate people to

between water and air, people tired of getting bombarded cuisine. They doubted the hosted an exhibition focusing extremely dark and quiet would feel like drifting in an with technological stimuli idea that food, beverages on olfactory senses. A wall outer space. Soon after, in the exhibition is coated in people's brains will not be mylar, with several small scent able to construct the world emitters mounted. The small due to the lack of sensory scent emitters are triggered stimulation, like one may by motion sensors detecting not be able to orient oneself visitors' movement. However, in a non-echoing chamber. the scents emitted are too Without any physical senses, faint for human noses, and the existence of our mentality visitors have to get so close become the main character to detect the scents from the of the experience. Some installation. From the scents, may feel themselves traveling the artist left a story for the through high-speed liquid, public to find out. With rare some may feel the motion of exceptions, humans have one's inner organs. No matter been ignoring our noses to what one feels, it's all deeply explore the world. Sniffing related to one's own personal

> ponder. Smelling sense is not Among the examples above, as strong as humans' visual the experiences can be memory, but scent memory is hacked, be enhanced, be often stored in a different way distorted or be isolated. The than visual memory. Smell boundary between true and and memory seem to be so false feelings of the physical closely linked together, said world becomes more and Harvard's Venkatesh Murthy, more vague. We'll eventually Raymond Leo Erikson's Life lose track of authenticity, like Sciences Professor. The scent the human pod in The Matrix, exhibition thus not only plays the utmost use of immersive with our sensory input but experience installation. also plays with the memory Whether it's real or fake people experience in the matrix, there will always be A sensory deprivation tank someone buying these unique

> > ShaoYu Lu Portfolio 12-24

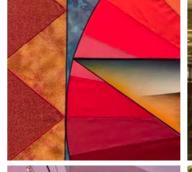


















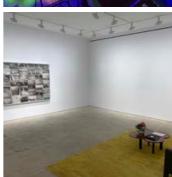
























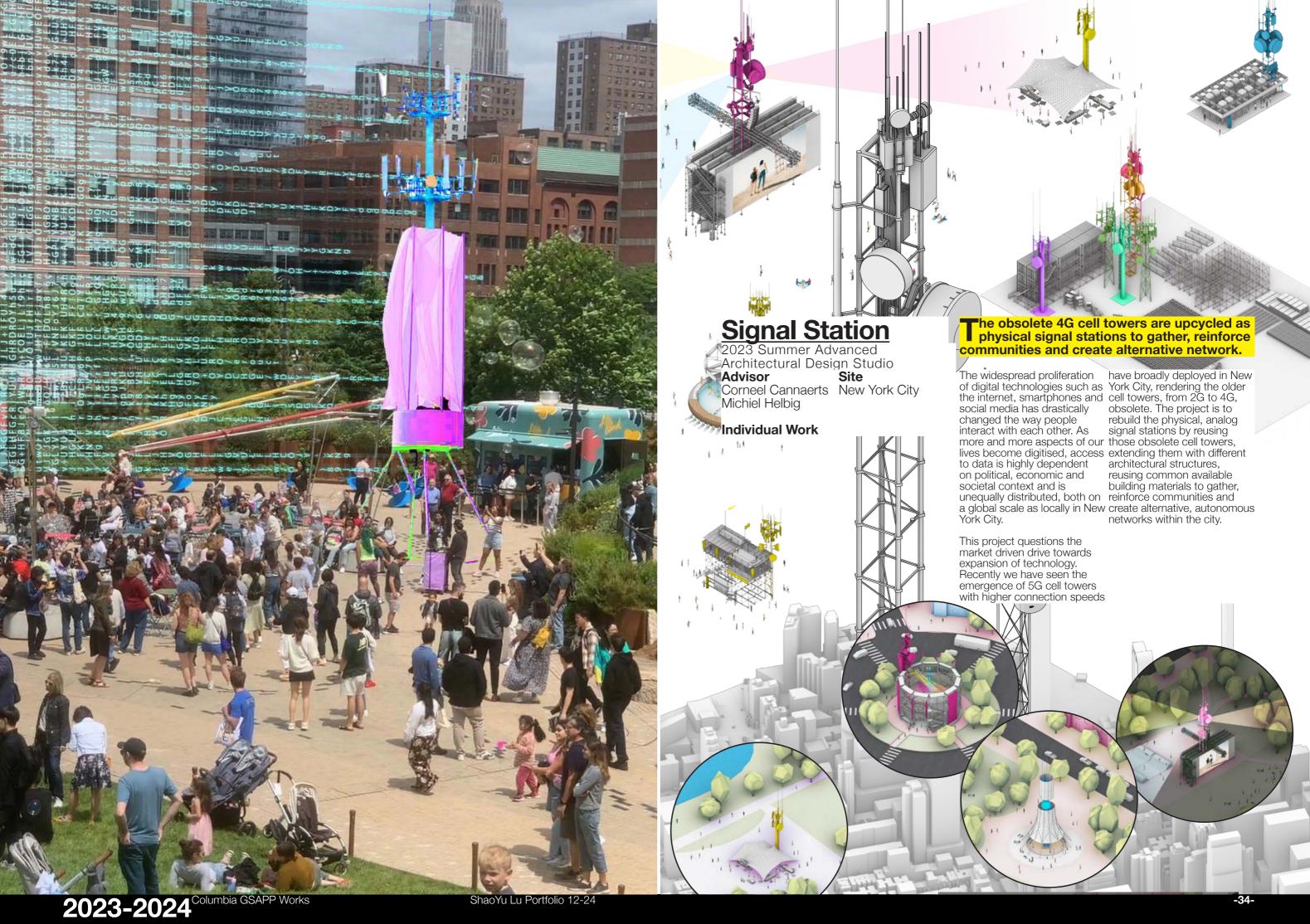


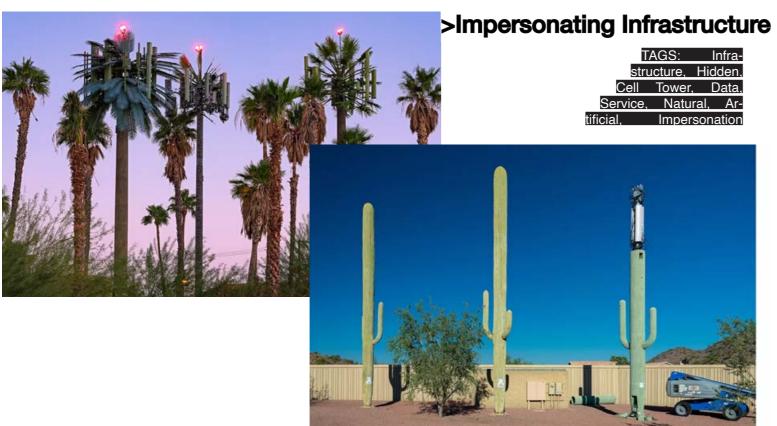




2023-2024 Columbia GSAPP Works

SUIIIIER





Photographer Annette Lemay Burke became captivated by their "accepted vet contrived aesthetic." From 2015 to 2020. she embarked on a series of road trips across the American West to seek them out, the result of which has just been published in her monograph Fauxliage (Daylight Books).

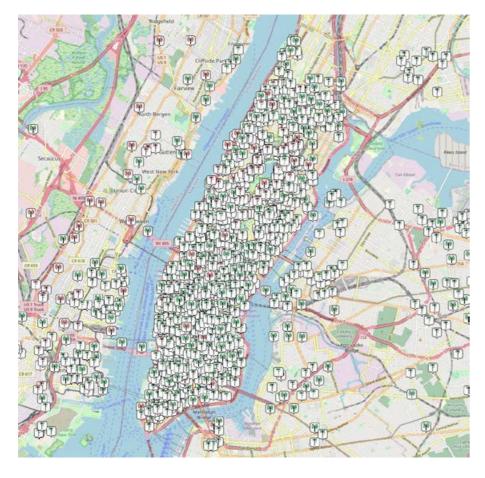
"The towers have an array of creative concealments," she writes. "They often impersonate trees such as evergreens, palms, and saguaros. Some pillars serve other uses such as flagpoles or iconographic church crosses. Generally the towers are just simulacra. They are water towers that hold no water, windmills that provide no power, and trees that provide no oxygen. Yet they all provide five bars of service."

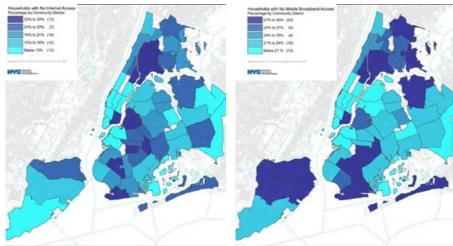
Both examples demonstrate the way we attempt to hide digital infrastructure as well as the impersonation of more natural identities. While one is arquably good, hidng the ugly industrial aesthetics within a natural environment, the other presents poential for political, economical, and historical concerns. Found between the two a connection of the impact of pollution on both the natural and digital worlds.



Gwyneth Paltr

Secret



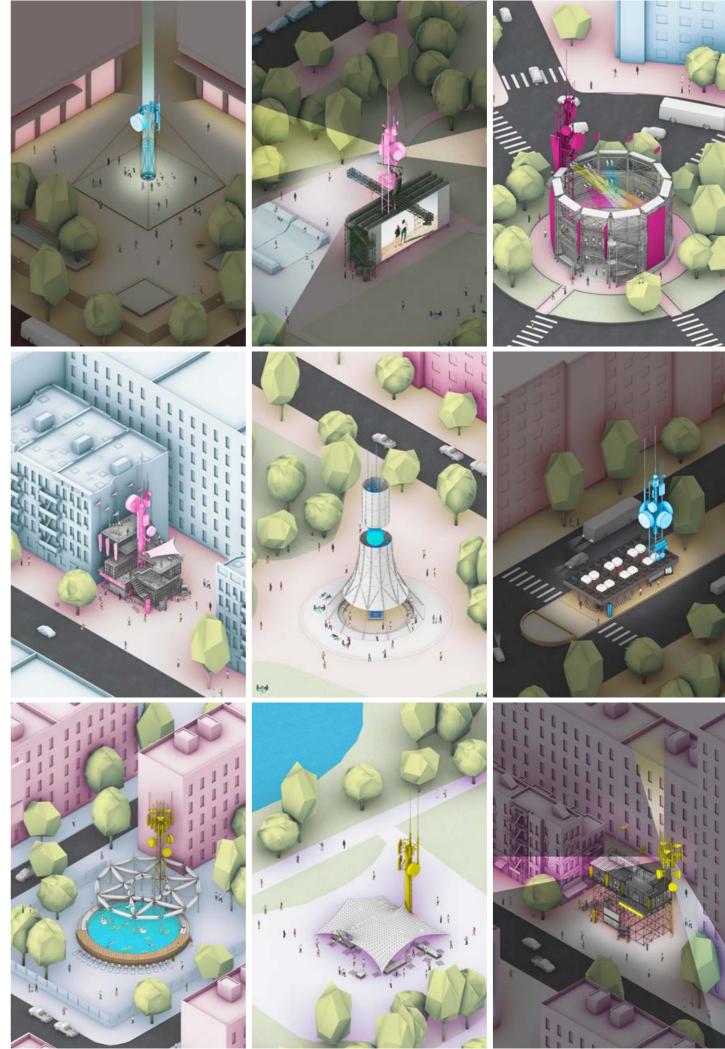


↑ Uneven Deployed Cell Towers

Though the cell towers are densely mounted in some area of the city, they are unevenly installed, which make dark corners of connection in the dark blue areas.

→ Imaging Signal Stations in Different Context in New York City

The project aims to rebuild the physical, analog signal stations by reusing those obsolete cell towers, extending them with different architectural structures, reusing common available building materials also hoping to raise people's awareness and interest in upcycling the old infrastructures to autonomous gathering landmarks.



-37-





-40

A Cyborg Manifesto

AND SOCIALIST-FEMINISM IN THE LATE TWENTIETH CENTURY

by DONNA HARAWAY

affect equality in certain ways. between them carefully.

In conclusion, Haraway proposes the idea of coalition politics, which I find challenging to implement until cyborgs are capable of producing human babies, similar to the concept depicted in the movie "Matrix.

SUPERPOWERS OFSCALE

BY ANDRES JAQUE

The book derives from a short film by Ray and Charles Eames talking about architecture is something that beyond scale constraint called Powers of Ten. Architecture is not only a term to describe a physical building, in my This essay explores the opinion, it is also a word impact of advanced "cyborgs" representing solutions to on feminism, socialism, and questions. In the book, Andres materialism in future society. talks about architecture being In the past, dualism was used not only a spatial word but to establish boundaries and a form connecting human, reduce dissent. However, with human institutions and their abilities for different roles are thing in a wider aspect since showing the vertical space smart, automated devices, in historical sites, tragic culture. some aspects can be easily discus that whether was architecture was built to alert mass cancelation of flights. changed, others are more the existence of Shirley card people to the urgency of resistant to change. With promoted the apartheid or climate change. evolving job typologies, the white supremacy ideas physical condition will no at that time created this skin Sustainability has become traveling abroad affordable instead, it is the way that's Americans, the government in Chornobyl, Bhopal, or longer be a decisive factor in color tone standard card. At an unignorable element in and democratized. People more important. securing employment. As a the present time, we always every part of our life. I totally used to spend a huge result, the influence of women try to find the opportunities agree with the author that amount of fortune and time Take the Morningside Mandarin culture, and tried of the violence. Kia Boyz is and men in the professional to reserve diversity of every while designing and building to sail to other nations. While Park construction project to wipe it out completely. sphere will converge, a trend racial, religious, political, an architecture we should traveling with planes seems mentioned in the book as Fortunately, now people have was never an incident worth that I believe will continue economical groups and to replace building materials to promote equality that they an example. Students in become more and more promoting. However, Tiktok, in the foreseeable future, seek the equality between like concrete, steel with don't treat people on board. Columbia University went confident of their mother a Chinese-original company, the shifts to give them. By legicing things in the concrete, steel with don't treat people on board. However, the ability to give them. By looking things in other earth-grown materials much differently except the on a protest against the culture. Songs, movies, accidentally fuels a trend of

Manual Biogenic House **Section**

David J. Lewis. Marc Tsurumaki, and Paul Lewis

solved individually without in one company's hand. involving other problems. House in Canada and so on, another power? most of them are in temperate zones. Maintenance in the humid, hot tropical area may be a problem.

Building architecture in a more sustainable way is a topic that we cannot oversee in the future, but we may have to change our living habits dramatically to get used to the

Medium Race Reason Relationship Deisgn Keller **Easterling** The book pointed out the rise of automated vehicles (AVs) and the impacts

that they might bring us in urban design, landscape, real estate and our habits. The author analyzed the pros and cons of replacing private cars nowadays

ShaoYu Lu Portfolio 12-24

and the Architecture Jefferson's Virginia **Statehouse**

by Mobel O. Wilson

no matter how hard we try. different tribes, for a long regulations. The invention and widespread However, it doesn't mean that time until recent days. Like use of airplanes brought we should do nothing, but Jefferson saw the African Compared to catastrophes

birth is an inherent difficulties every scale like the short film to reduce carbon emission cabin classes on one hand, construction due to the architecture using aboriginal car thefts targeting Korean for men and machines, and of Ray and Charles's showing and ease global warming. on the other hand, the power sacrifice of the losing natural language, intelligence can cars in the United States this distinction will inevitably us, we can find the balance However, no problem can be of canceling planes is seized light in the original park for the be seen in more and more in recent years. The trend community. However, if we places. The government even was triggered by a series of think the other way around, promotes them intensively in decisions like the Korean car One of which is the huge Reading the paragraph talking the major problem with the media to compete with companies selling strategy, human population. Due to the about power decentralization present Morningside Park is mainland Chinese culture, but poverty issues in some large population, buildings struck me with a question the safety issue. If Columbia that's another political issue. in the city have to grow how we can pursue true University did build their gym vertically, but the earth-grown equality for human beings with on top of the existing park, With the rapid connection waves. However, with those materials have their limits to the advanced technology. Is which meant they may take with the world, I think our core information, we're still difficult build high. Though there are removing all the characteristic part in the security. Under this value is not stuck to a singular to find out what is the real some successful projects features from humans, like situation, if I were the resident culture but to embrace diverse cause and the way to prevent like Mjostarnet in Norway, using AVs comprehensively, in the neighborhood wanting possibilities. 85 meters tall, Haut in a way to pursue equality? Or a secure place for my kids Netherlands, 21 stories high, is it another beginning for us to play around, the topic of Brock Commons Tallwood to hand our right of choice to reconstructing the park would become a choice between colonization from Columbia or colonization from the

> Though the idea mentioned above may be like a belated thought, the courage of standing for ourselves or others against the power is still a crucial thing we have to

between Men and **Things** by Jaap Bakema

used to think the aboriginal Fukushima, it's hard to tell the culture was inferior to the starting point and the trace

Slow Violence, Neoliberalism. and the **Environmental Picaresque** Rob Nixon

In the book, the authors are What is the core value of talking about the impact of humans, of life, of urban catastrophes from the past, spaces, of a nation? I agree like Chornobyl or Bhopal, that with Jaap Bakema mentioned often transcend over scale, in the paragraph that society time, and physical boundaries. should find its own core. I cannot agree more with To him, the core is the this perspective. Relating to relationship between people; the studio, the compression technological advancements, hegemonies in every scale. Manual of House Section is with AVs thoroughly. What The essay was talking about as to me, I think it is equality of architecture, I have this distinctions between physical We have to look a simple a book that I enjoyed a lot intrigues me the most is using the decolonization progress and open mind to the diverse semester, advanced digital information technologies have no longer necessary. This everything is connected relationship in architecture, like AVs, to promote the locations or in our everyday opens up various possibilities in somehow. Take my elaborating the structure of libertarian decentralization of life. Colonizing, in my opinion, As to the relationship between ubiquitously into everyone's for human identities, such favorite connection in the the space and illustrating power, however, they often can be interpreted as people, it can also refer to mind. Not to mention Covid, as a new worldwide working book as an example, the wall section details in concentrate power and domination between powers, the respect of people with the most helpful promoter class, new sexualities, and connection between Shirley different areas, which gave control in yet another closed which are not necessarily different age, belief, origin or of this trend, deprived card produced by Kodak, me a fundamental sense of loop. It relates to a news that as big as nations, they can hobby. In my home country, it people's right to physical an American company and architecture in college. Manual happened last weekend that also be the powers between seems that we're all from the interactions. People couldn't happened on the loop as there's come origin and another looked. I agree with the author's the apartheid policy in South of biogenic house section the CEO of United Airlines people. As long as there's same origin and speaking the help but depend on the perspective on women's roles Africa seemed so irrelevant brought the idea further to hopped on his own jet and a power difference, there's same language, Mandarin. digital system completely. It in employment, reproduction, but actually tied together in showing the way how a left New York, while so many colonization, which means we However, we neglect a started to form from a tool to and cultural domains. While some aspects. Then we may sustainable and biogenic others were stranded due to may never equalize completely large group of people, the a powerful, influential living every person, camp, nation aboriginals from thirteen sphere yet without many clear

> parts of the States, and also the final push of the digital

2023-2024 Columbia GSAPP Works

ARGIMFNTS 2023 SILMMFR
Since the prototypes are made of materials that are so light and convertible, it seems **ARGIIMFNTS** 2023 through the mediums of plantations, farms and more, in a post colonial world, is



Rachaporn Choochuey

that they can easily fit into any kind of building type. Why did you choose the parking lot to contain the prototypes, not other kinds of buildings? And what if they're in another kind of building type, what would they adopt to it?

How to maintain a better environment including air, light, privacy when more and more people move into the parking lot, and also where should the architect stop to reduce interference of this organic society?

Rachaoorn didn't mention the reason that she picked the parking lot instead of others. However, this living prototype was designed based on the size of one parking space for cars, which is compact but relatively affordable to the young. Later on, the unit is moved and redesigned to fit into the exhibition in offices or semi-outdoor area.

During the Tecture, Rachaporn didn't point out clearly the boundary between design made by architects, regulations and one made by the resident. She said that the boundary may vary by cases to cases. It's not a fixed line that everyone should obey, it's a conclusion based on discussion and coordination. Even after more and more people move in, the maintenance of the environment, like air, light or noise, should be debated and conducted by everyone living in the group.

Lawrence Abu Hamdan

Instead of taking sides on this conflict, which is what I thought he would before the lecture, Lawrence emphasized that the art work is only a neutral language in response to the fact that Israeli aircrafts are in Lebanon air space. The art work is him simply unveiling the truth to show the interesting point that violence is not always direct and lethal, it is sometimes ambient and ignorable

Lawrence attempts to make a neutral language responding the fact that happens in Lebanon. However, I think that nothing and no one can be truly neutral. Everyone is biased in some ways. Even the reports are writhing news, which should be objective rather than subjective to public, would add their opinions into news. What makes things intriguing is to make things subjective that gives people the chance to debate with you. So, what kind of characters you think you are during the process of making audio visualization artworks?



The contradiction between uncertainty and eternity. The client requires a space capable of last over time, however, the building process of this project is using earth and soil, which is an uncertain element to control its precision, as the mold. And also, here are some ad hoc decisions, for example, they decided not to clean the dirt from the structure, which may be a risk to the strength of this architecture. What do you think about the contradiction between uncertainty and eternity?

Observation: Contrary to the architecture, which should be precise and controllable, nature is a uncontrollable element. However, with the advanced technology, the team can control the size, the depth, the quantities of the excavation and the concrete pouring in to a very precise scale. And how to control the uncontrollable is what is appealing to both architects and the public.

One of the concepts that you are trying to express in the project is to make this building invisible. However, with its unique shape, the building is somehow extremely visible to the public within the quiet community. How do residents living in the area think about the impact of this unique shape building on the neighborhood?

Junya Ishigami

Shannon Mattern

Al takes the approach of layers to collect data, interpret data and showcase the data, hence, Is this a method of arboreal thinking or is it yet another data driven, techno solutionist approach to knowledge?

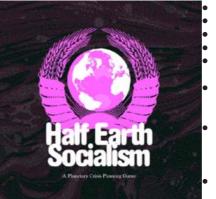
I agree with the author about the idea that trees and nature are more complex and smarter than we thought they are. It's naive and hubristic for humans to use 3D scanning and AI technology to understand the ecosystem and further calculate the results of improving our environment. But, it's at least a starting point for us to understand the ignored part of the world. In what way do you think it's more appropriate for us to deeply understand nature itself?

feel like that Shannon address trees are not as only the physical objects but an overall dea of hybridity, data collection, communication network. Arboreal intelligence may has that sense long time ago, however, people nowadays tend to simplify things into data points to analyze easily. Shannon revealed the problem we have yet to discourage any methods we have now to understand the nature more. As to the design realm, design should not be only consist of one part of professions' ideas, but composed of opinions from different users and professionals from every area like how trees coping with problems hybridly.

ShaoYu Lu Portfolio 12-24



WAI Architecture Think time. Tank



Pendergrass



Chip Lord

According to the syllabus. Broader historical meaning. Broader view to the topic. Broader context of the formulation of the projects. Tradition of the questions and answers, looking from the specific trajectory, but the speaker answer it with their understanding. Participation, the background of the project, the challenge to the future, not open ended problem Writing the paragraph from a broader view. What skills, technologies.... Do the

an icon, bruce is an icon, the ranch is an icon?

nature still used as a tool of colonization in today's world?

The ideology of colonization is to oppose harmonious balance between nature and

see a certain phenomenon. So, on what scale do you think that we should see the

human, and the definition of nature and human often depends on what scale we

conflicts between human and nature, and what is the balance between us?

affect some amount of the society. If we stay conservative towards the crisis,

India, which have 50% vegan, provide more effort than else countries.

If being a vegan is another green activity towards the climate crisis, then country like

In a world of fast changing trends and cultural volatility, how can we start defining

'iconic art'? For the Cadillac ranch it was the Bruce Sprinsteen song that made

it famous. But we are facing a cultural boom today. Do you think Iconic is 'time

How do you think media can drive and influence what the world calls iconic? Do

you think the media is a fast and easy way. There are so many ways to be seen and

heard today as things go 'viral'. How do you think it's going to affect what we see as

They work so consciously work within the media. When art is produced and media becomes an agent in making the piece iconic? To what point are they actively

with media? Is the piece more important or mediatic coverage important? Did they

iconic? These videos cant compete with them appearing in the movies or springsteen song? Who is really watching these videos? What really was the purpose of working

want cultural appearances or does the culture define it? Layering of icons? Cadillac is

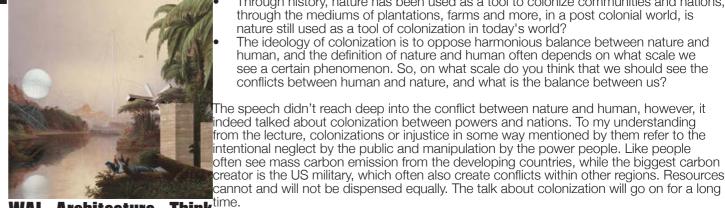
involved in making it iconic? How conscious are the author to make the artwork

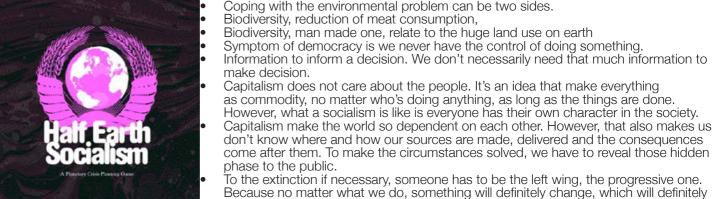
- Develop my own critique and opinions Cross referencing two or more lecturers

everything will become a disaster.

specific' or is it 'timeless'?

cultural icons?





Troy Vettese and Drew





Mio Tsuneyama & Fuminori Nousaku

