P O R T F O L I O

Selected Works From GSAPP MSAAD, Columbia GSAPP, US B.Arch, Tianjin University, China

Clinic "SHOPPING MALL"



FLUSHING CHAIN-STORE

Chain Activity System for Senior Flushing immigrants

GSAPP F21 Advanced Studio V Group Work Academic December, 2021 Collaborator: Yuening Jiang, Bisheng Hong Instructor: Phu Hoang Flushing, New York

Though as the majority of Flushing immigrants, the seniors' living environment exists problems. The lack of activity space and the change of land property rights have brought many conflicts, such as the "McDonald's incident". To meet seniors' weekly needs and the quality of space, we proposed a system along Main Street providing multiple social and commercial activities in 3 architectural scales due to the current narrow and long lot.

The small house provides semi-exterior space for senior sport. The medium combines retail and diverse businesses for seniors. The large is designed to be a senior dating center which is also mixed with activities for other generations to promote intergenerational communication.

The spatial strategy consists of core, semi-space, and void. Core is the vital element, divided into vertical-circulation core and senior-activity core. Semi-space is an uncertain space for both senior activities and businesses for other generations. Using the movable walls, the size and arrangement of space can be easily changed according to multi-generation use. Void is the gap bringing light and ventilation, also adjusting temperature in all seasons.

The outstanding performance in thermal and energy efficiency of crosslaminated timber ensures the architecture is in a low-carbon and ecofriendly status.





ly these spaces will break through the architectural boundaries in fragmented forms and spread to streets, parks and other public spaces.



































Indoor - Outdoor Architectural Climate

At the architectural level, this scheme continues and expands the anti type space of "indoor Street" unique to flushing Chinese drugstore, and linearly connects and folds multiple functions to form a vertical street. On the plane, the elderly friendly public space is embedded into the retail and small business incubation space, and the boundary between the two spaces is weakened to make the elderly feel active. Our proposal is an senior-friendly ecosystem scatter to Main Street for fostering small business and supporting more informal community activities following McDonald's NORC logic.

Air Flow from South

Morning

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BACK TO GROUND

The Space of Water: Coloniality, Water, and Indigeneity

GSAPP S22 Advanced Studio VI Individual Work Academic April, 2022 Instructor: Mario Gooden Waikiki, Hawaii

Abundant taro fields and fish pond ecology form an important part of native Hawaiian life, and these are not only a feedback of daily culture, but also a symbol of the spirit that comes from the abundance of living resources. However, the spirit of these places, which followed the native culture, was gradually stripped away from the original sites during the century of colonization. The establishment of Fort Derussy directly overwrote the original residual natural state, interfering with the natural growth of native civilization in a forceful manner. Under colonialism, the destructive removal and addition for the sake of profit destroyed the original state of the WAIKIKI beach area, forming an overly composite artifact.

Therefore, for this site, I hope to use water as an opportunity to intervene, following the clues of the original stream and fish pond system, reintroducing the system of fresh and sea water by linking this footprint, thus restoring the natural properties of the site itself, and fading the unnecessary artifacts in the water system as a decolonization practice.

Pre-Canal streams + Post-Caral Buildings

Pre-Canal streams + Post-Canal roads

Pre-Canal streams + Post-Canal Hydrology

Pre-Canal streams + Post-Canal Land Use





Counter Military Drawing











Military Hotel Floor Plan Before Renovation 1'=32"



Military Hotel Floor Plan After Renovation 1'=32"



A VIBRANT SCALE

Brooklyn Army Terminal Renovation

GSAPP S21 Advanced Studio Individual Work Academic July, 2021 Instructor: Laura González Fierro Brooklyn, New York

New York City vibrant, from improving regional freight rail to dedicating resources to increasing opportunities in industrial business zones. In pursuit of these goals — to develop and renovate pockets of our city to improve economic growth and revitalize neighborhoods, all while recognizing the value and longevity of well-designed, beautiful spaces — the story of the Brooklyn Army Terminalis one worth telling."

Ronda Kaysen, The Brooklyn Army Terminal: New York's Next Manufacturing Hub? The New York Times, November 23, 2018







HAVE LEADE







Current Bridge





Bridge A

Near to public transportation. A quick connection of subway / bus and ferry. Serve for workers and citizens during commuting time.



Bridge B

Main entrance for the public to 3rd floor. Slow ramps which welcome all citizens. Getting through the central part of the building.

Bridge C



Sports bridge which can let bicycles riding in. Connectors of 2 public parks which are playrgounds for the citizens.

35







Existing Using Condition

New Plan Pattern Open Plan and Mixed Scales















Current Bridge





Bridge A



Near to public transportation. A quick connection of subway / bus and ferry. Serve for workers and citizens during commuting time.

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Bridge B

Bridge C





Sports bridge which can let bicycles riding in. Connectors of 2 public parks which are playrgounds for the citizens.





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