



# PORTFOLIO

Adiba Yesmin Chowdhury

# Cover Letter

Dear Hiring Team,

I am currently a Master's student in Landscape Architecture at the City College of New York, and I'm writing to express my interest in this summer internship position. With a background in architecture and past experience as a Junior Architect in Bangladesh, I'm passionate about design that improves people's daily lives, especially in urban settings.

At CCNY, I've been working on projects that focus on pedestrian safety, public space design, and walkability. In one studio, I redesigned an area from NYCHA housing to Marcus Garvey Park along 5th Avenue, focusing on accessibility and pollution challenges. I've also explored safety and mobility issues in Bangladesh, analyzing gaps in pedestrian access and how the new MRT line benefits communities near schools and hospitals. These experiences have helped me understand urban problems from different perspectives and taught me to work with real data, maps, and policies.

Thank you for considering my application. I am providing my references below, feel free to contact them for any additional information. I would love to have the opportunity to discuss this further. Thank you for your time and consideration.

Sincerely,  
Adiba Yesmin Chowdhury  
Graduate student, MLA, City College of New York  
Contact: achowdh054@citymail.cuny.edu | 646-431-5949

Reference 1:  
Yadiel Rivera Diaz  
Partner, Marvel  
Adjunct Assistant Professor, CCNY  
yrivera@marveldesigns.com | 215-279-2213

Reference 2:  
Zihao Zhang  
Assistant Professor & Director of Master of Landscape Architecture, CCNY  
zhang@ccny.cuny.edu | 212-650-5567

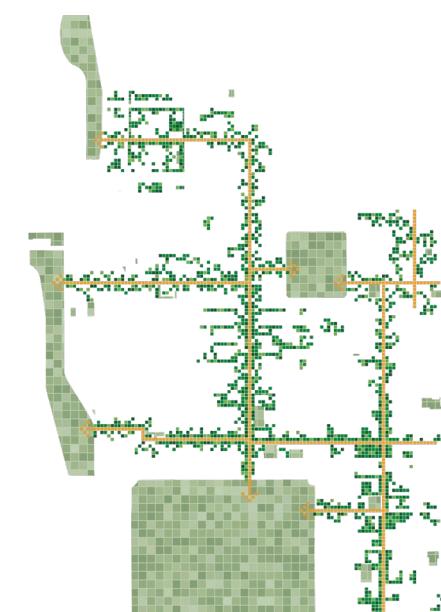
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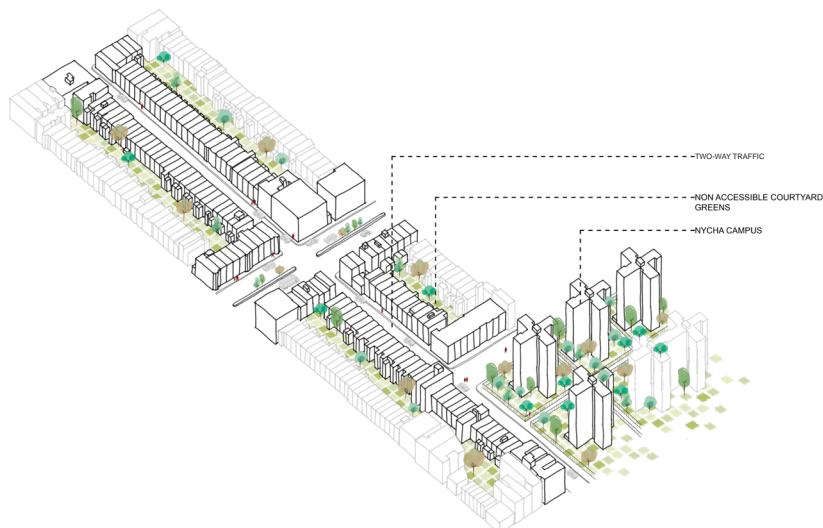
# Beyond The Grid

Yadiel Rivera-Diaz & Juan Guzman-Palacios, MLA, Studio II -Spring 2025

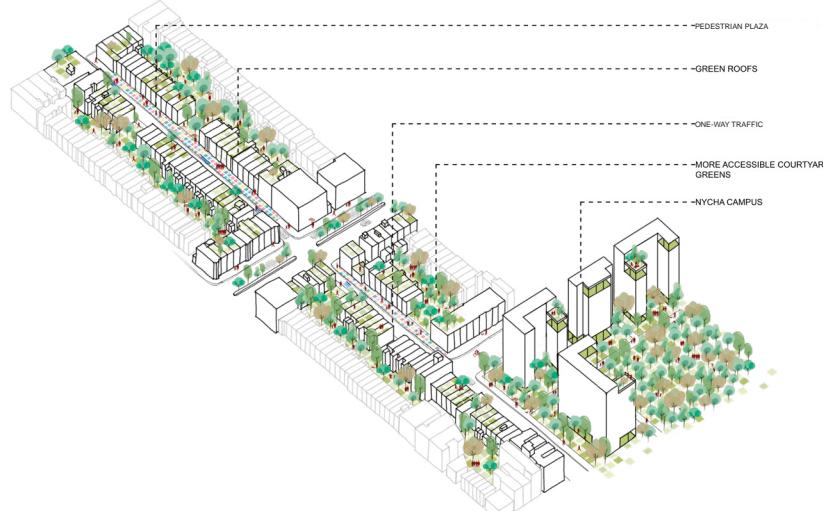
It was a concept project where we learned how to develop a manifesto and a framework for a project. I worked with a partner on this. Our main idea was "rewilding urban spaces." We analyzed Northern Manhattan and created some vignettes based on our idea.



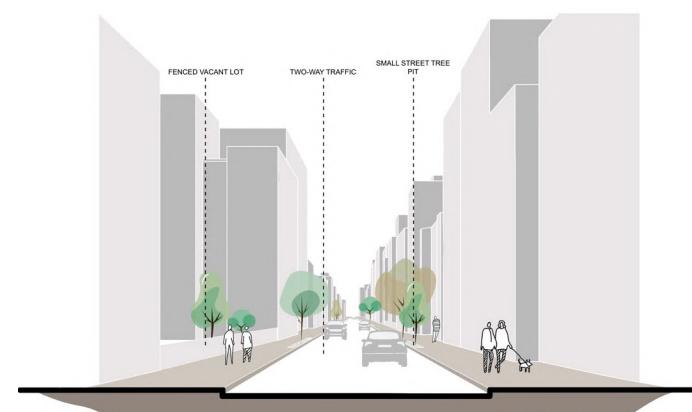
Framework



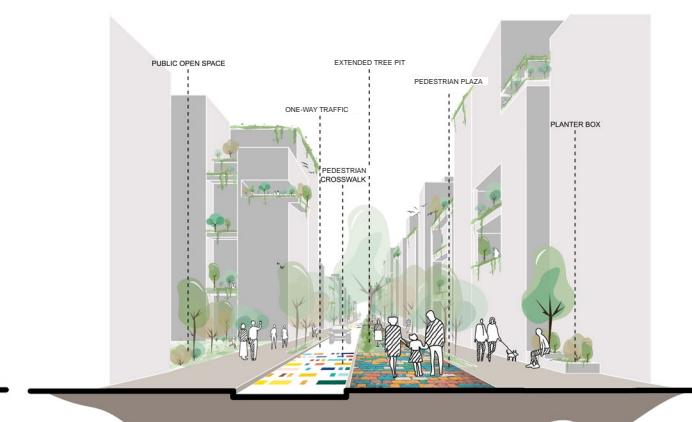
Axonometric Drawing (Existing Condition)



Axonometric Drawing (Proposed Design)



Section (Existing Condition)



Section (Proposed Design)

# Beyond The Grid

This is the proposed design from 5th Avenue to Marcus Garvey Park, and to implement this design, we used the Miyawaki forest method and Desvigne's grid planting method for planting.

MIYAWAKI METHOD



DESVIGNE'S GRID PLANTING METHOD



Planting Methods



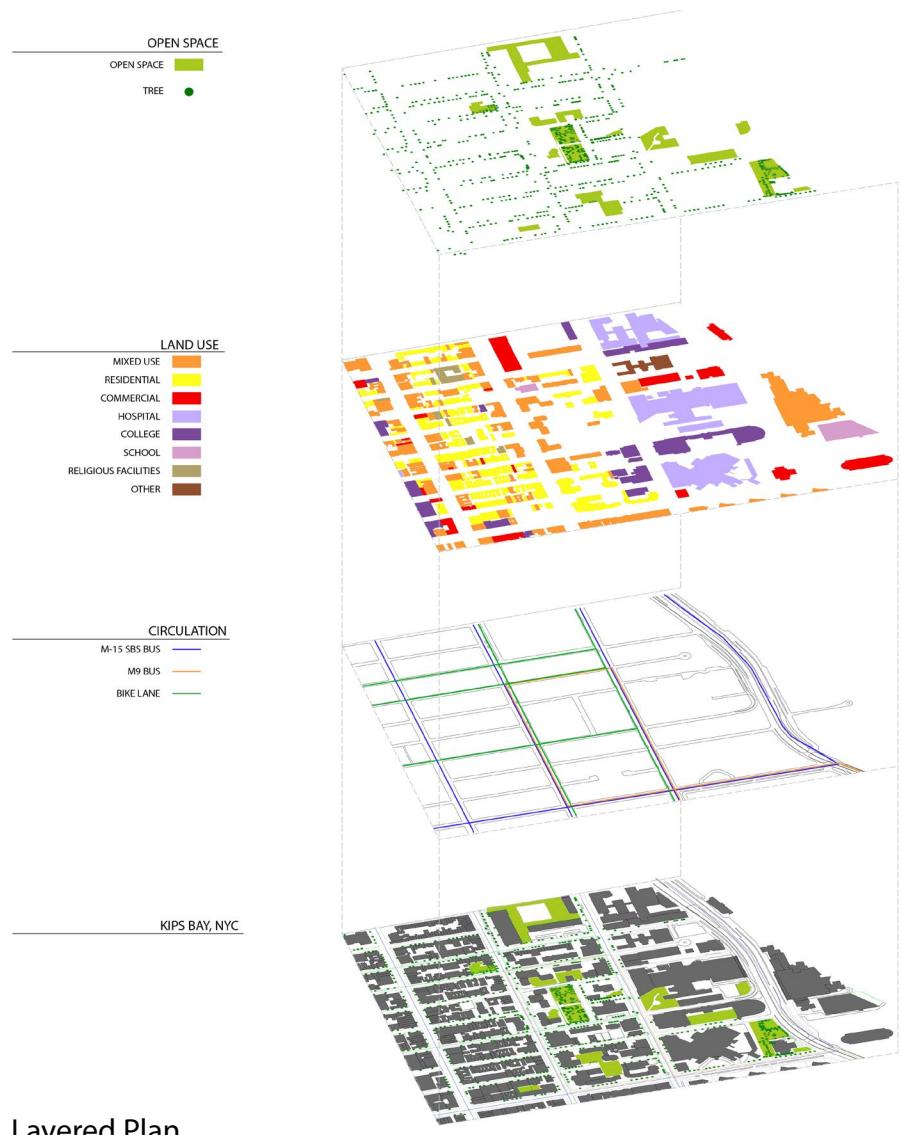
Tools Used - AutoCAD, Adobe suite, Rhino

# Between the Neighborhoods

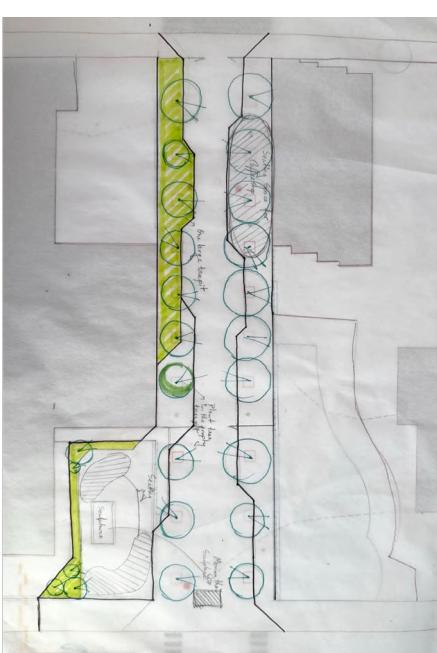
Michael King, MLA Foundations Studio -Fall 2024

In this studio project, I worked with a partner to redesign a site in Manhattan. We picked the site by looking for a location between where both of us live. We chose the pedestrian alley on E. 27th Street, between Mt. Carmel Place and 1st Avenue. One side of the street connects to Bellevue Hospital, and the other side leads to Bellevue South Park. This alley is often used by pedestrians and bikers, but there is no seating available.

Our idea was to improve the space by adding different types of seating, increasing the size of planting areas, and making it a more welcoming place where people can stop and gather. We kept the large trees already there and added plants in the under-story and ground layer. We designed various seating, including benches, ledges, and movable tables with chairs. We also included space for vendors to serve people from the hospital and the nearby neighborhood.



Layered Plan

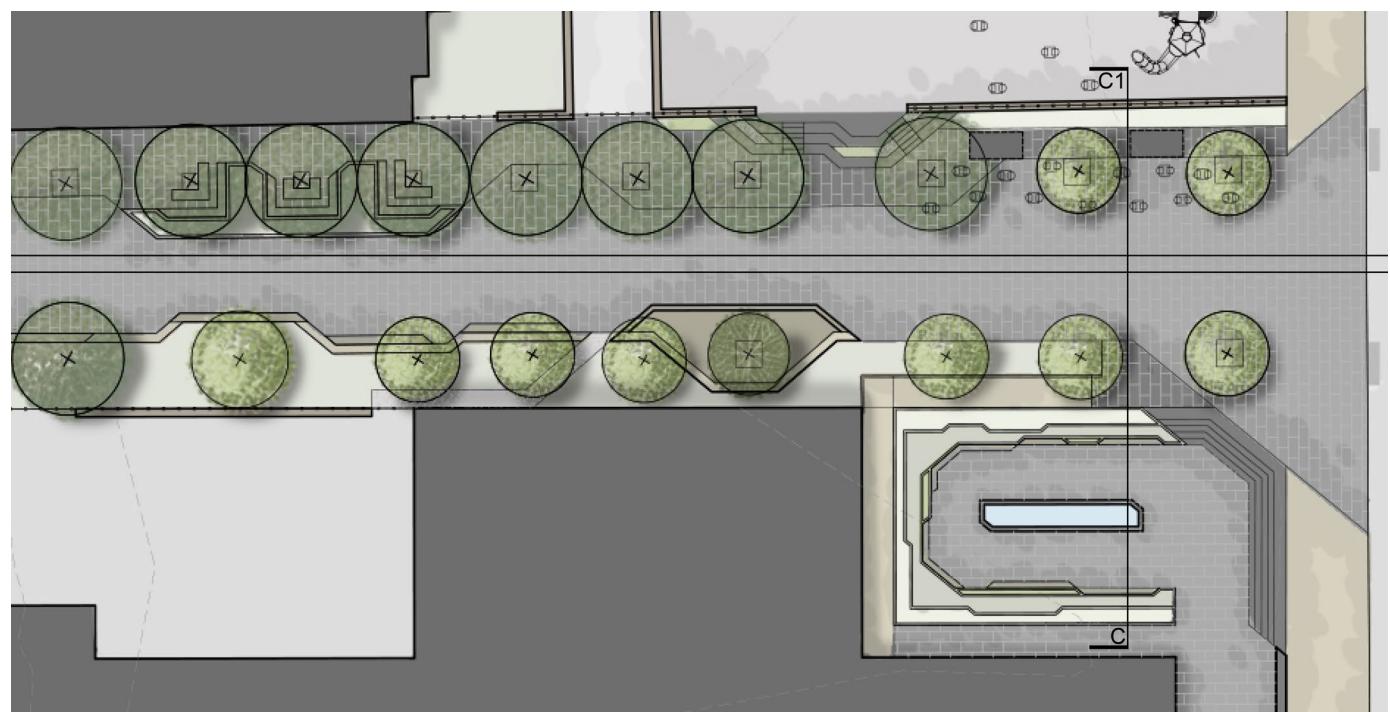


Hand Sketch Concept Drawing



3D Visualizations

# Between the Neighborhoods



Plan



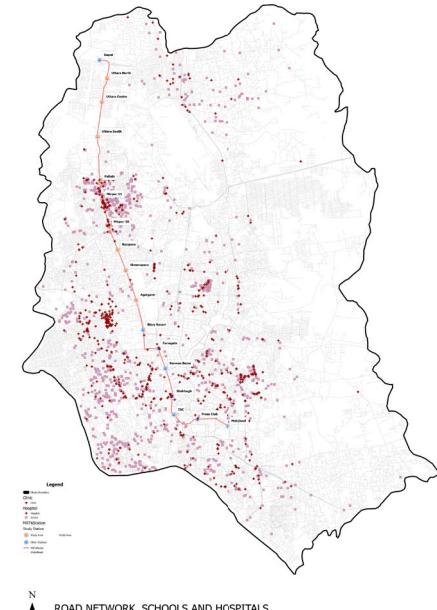
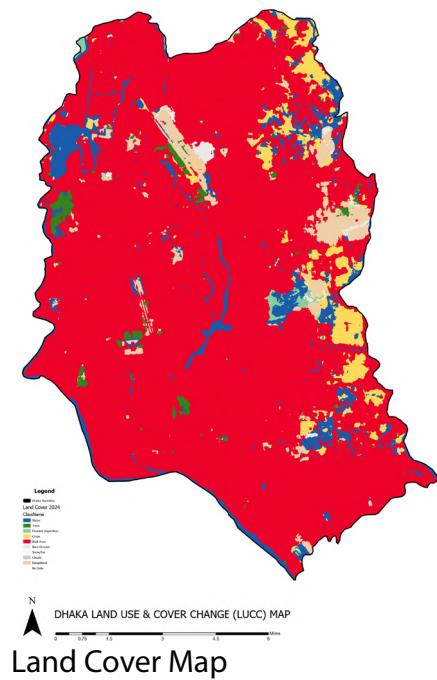
Section C-C1



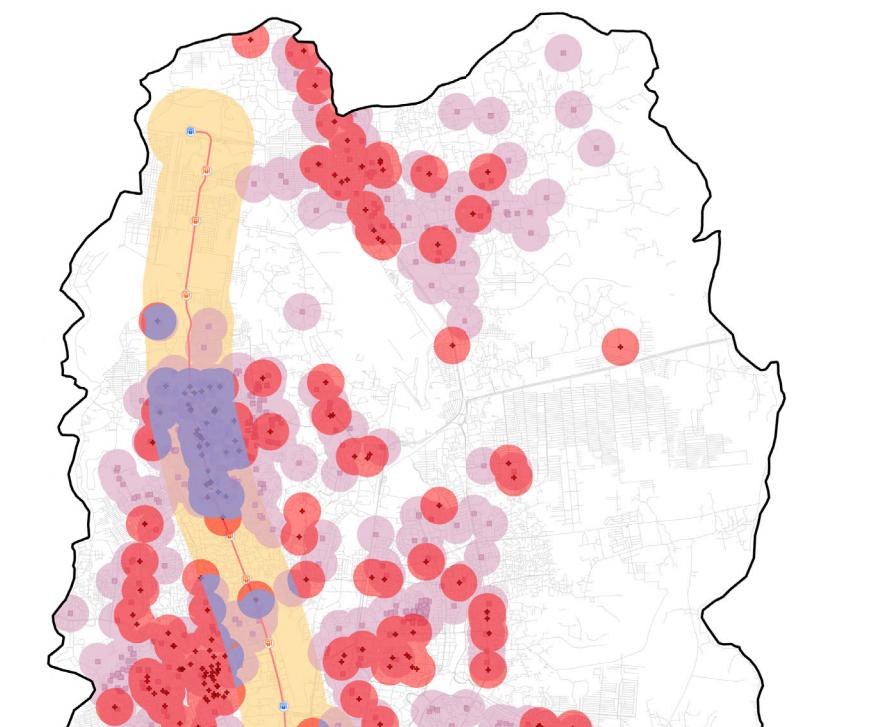
# ArcGIS Mapping and Spatial Analysis

Michael Tantala, Urban Ecology -Spring-2025

In this project, I looked at the road network of Dhaka and how it connects to schools and hospitals. I also studied the new MRT (Metro Rail) line and how it helps improve access to these public services. Using GIS, I mapped where schools and hospitals are located and how close they are to roads and MRT stations.



Road Network Map

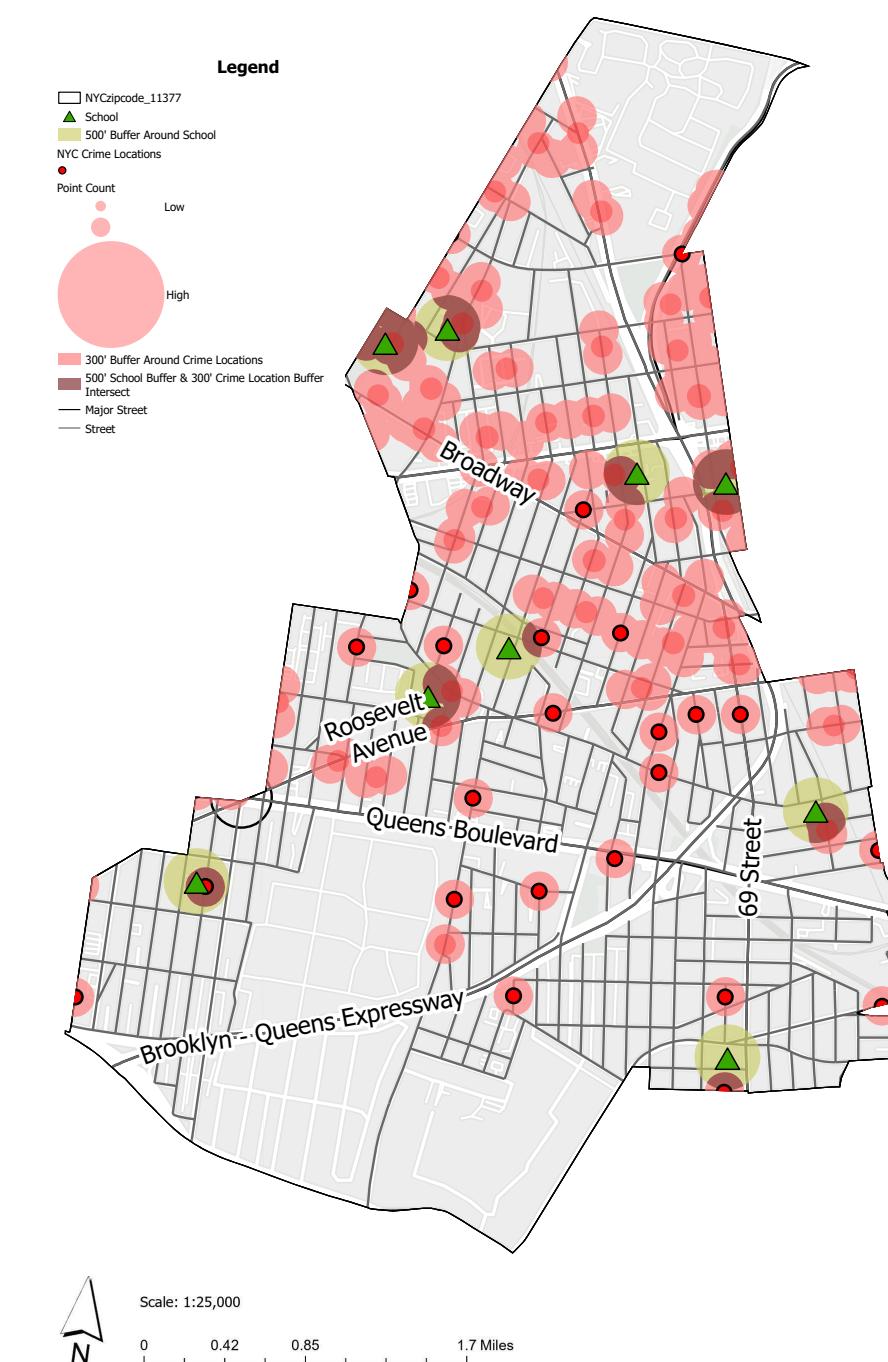


Schools, Hospital and MRT Intersection Map

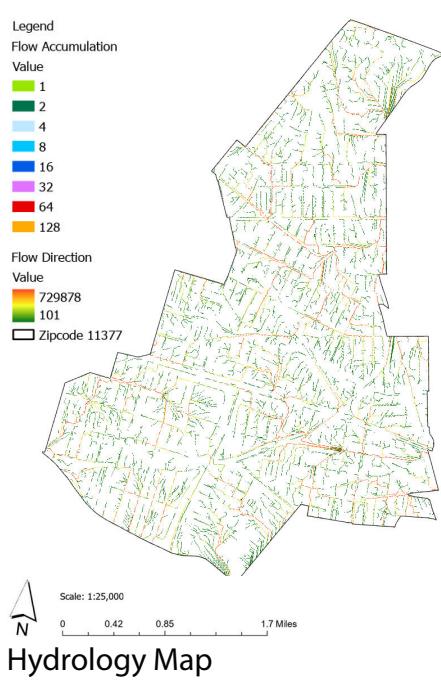
# ArcGIS Mapping and Spatial Analysis

Michael Tantala, Urban Ecology -Spring-2025

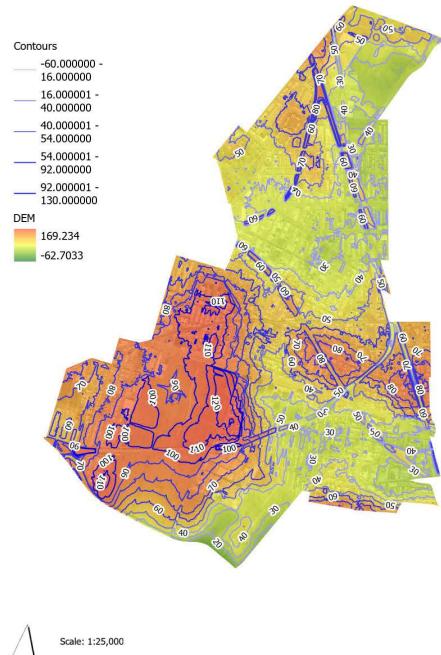
In this project, I analyzed crime locations in ZIP code 11377, Queens, NYC. I looked at how close schools are to those crime spots. I also studied the topography and water flow (hydrology) of the area to better understand the surroundings.



Crime Location Intersection with Schools Map



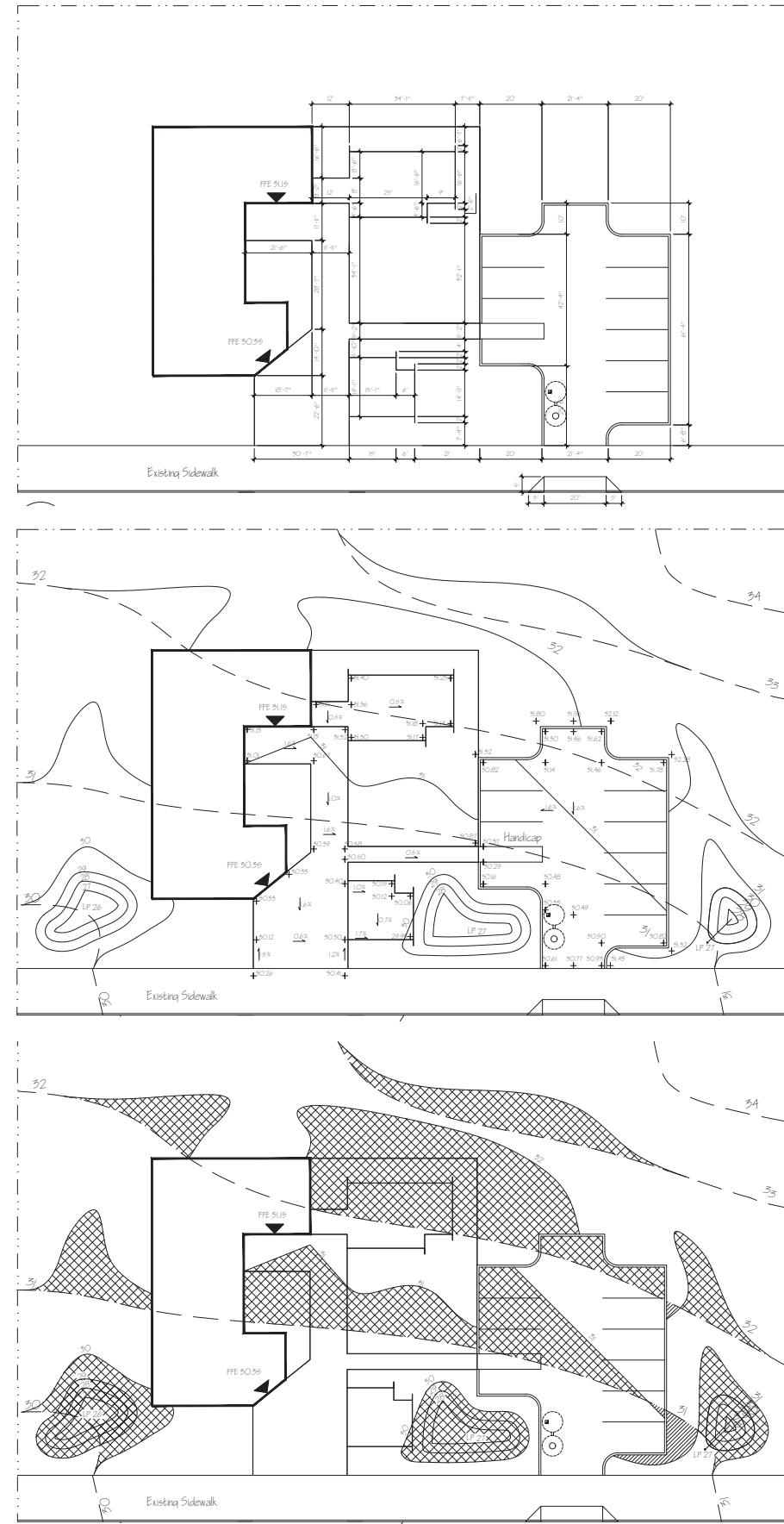
Hydrology Map



Topography Map

# AutoCAD Site Technical Drawing

Leonard Hopper, Landscape Technology II -Spring 2025

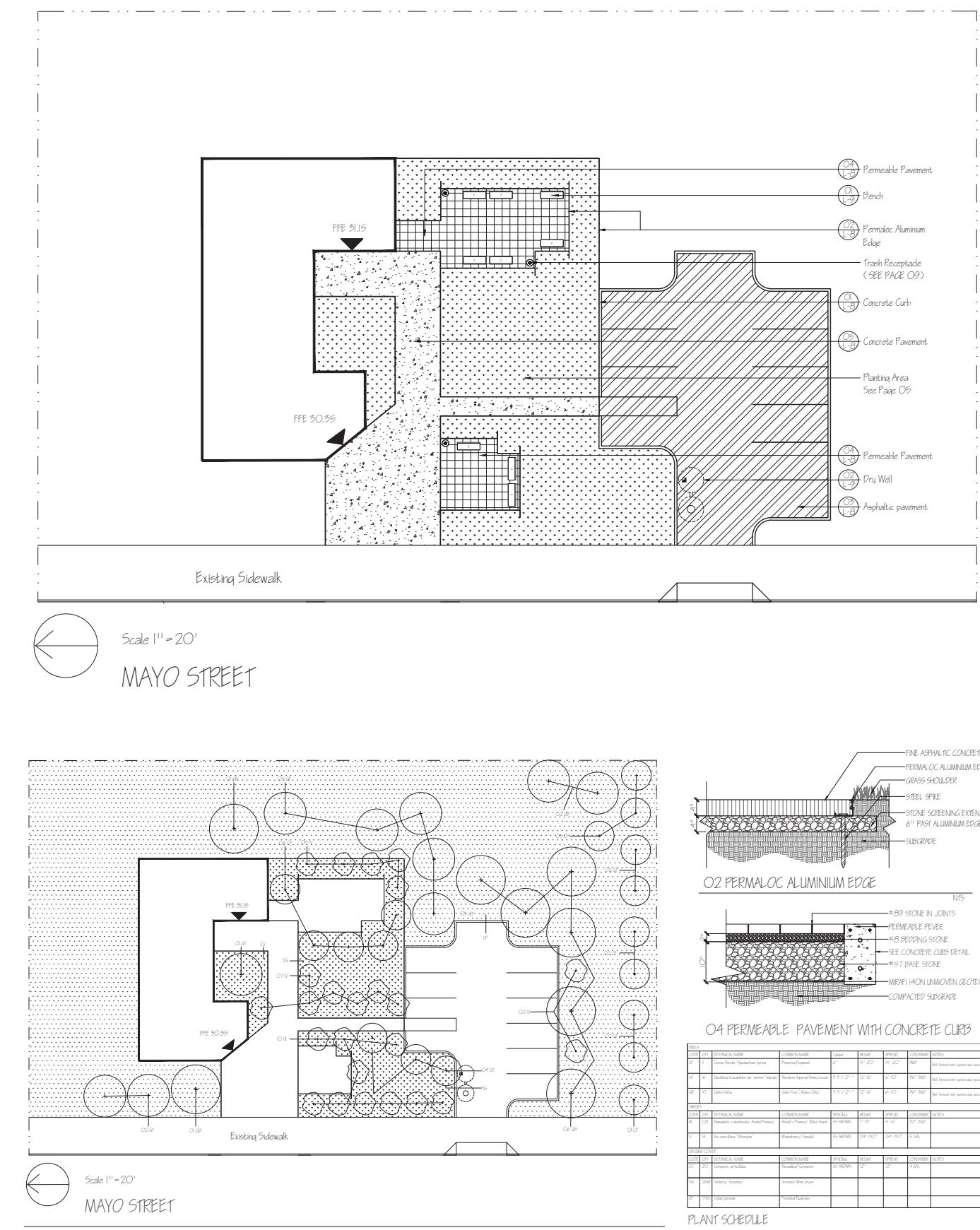


This course focused on the technical side of drawing. I learned how to create grading plans, calculate cut and fill, make material and planting plans, and draw construction details that are needed to build a project.

CUT AND FILL CHART		
CONTOUR	CUT	FILL
33	856.72 SOFT	0 SOFT
32	3256.17 SOFT	0 SOFT
31	3192.97 SOFT	13.44 SOFT
30	639.76 SOFT	160.61 SOFT
TOTAL (SOFT)	7945.62 SOFT	174.05 SOFT
TOTAL SQ FT X CONTOUR	7945.62 X 1	174.05 X 1
INTERVAL = TOTAL CUFT	7945.62 CUFT	174.05 CUFT
PAVEMENT EXCAVATION		
ASPHALT	2404.53 CUFT	0
CONCRETE	1306.38 CUFT	0
PERMEABLE	1368.17 CUFT	0
BIORETENTION AREA (CUFT)	712.04 + 217.82 + 548.01 = 1477.87 CUFT	0
TOTAL CUFT / 27 =TOTAL (CUYD)	14502.97 / 27 = 537.13 CUYD	174.05 / 27 = 6.49 CUYD

# AutoCAD Site Technical Drawing

Leonard Hopper, Landscape Technology II -Spring 2025



# Design of Ahsania Mission Children City

B. Arch. - Fourth Year, First Semester (Spring 2018)

## Motivation

This project aims to provide support and care for destitute and orphaned children, offering them a safe haven and opportunities for a better future. It focuses on addressing their needs, including shelter, education, and emotional well-being, fostering a nurturing environment for these vulnerable children to thrive.



# Design of Ahsania Mission Children City

