



The School of Architecture requires individual Archive submission from each ARH student for any online ARH course taken at the Academy of Art University, including Internships and Directed Study. It is the responsibility of ARH student to upload their complete course Archive to the online course.

Failure to submit all deliverables to your instructor on time will result in a 10% deduction for the course in question.

Mandatory deliverables
(one document per course, no combining of courses):

- o This completed ARH Online Archive Checklist as the cover page and Table of Contents as the second page as described in the Assignment
- o All files requested by the instructor as described in the Table of Contents (i.e. required drawings, photos of process and final models, high resolution files of renderings, etc.)
- o Please put captions or title descriptions on photographs of models.
- o Please write a narrative or short description for each project (no more than one paragraph each)
- o **Please compile all files into a zipfile. The zip file must be named as follows: ARH_XXX_OLx_FA13_Lastname_Firstname.zip (please fill in with appropriate class and section number, and your last and first name.)**
- o Upload the completed zip file to the Archive Folder in your course.

DATE DUE: Final Day of Module 15

(Verify this date; after the final day, you will not be able to upload your archive to the course)

STUDENT NAME AND ID# :	<u>LaRay Byrd #05184593</u>
COURSE NUMBER & SECTION:	<u>ARH 240 OL2</u>
DATE SUBMITTED:	<u>05/28/2022</u>
INSTRUCTOR:	<u>Christopher Pizzi</u>
SEMESTER/YEAR:	<u>SPRING 2022</u>

Email: eberta@academyart.edu, if you have any questions or concerns.

Table Of Contents

- **Project 1**
HOMETOWN MAPPING

The project assignment is to draw a map of your hometown. The map should address, and may illustrate, your hometown’s key characteristics and features. Think about what makes your hometown unique or interesting, its history, its size, local industries/economic drivers, cultural institutions. How have the local climate, topography and ecology affected its form? Was your town developed following a master plan? Was there a critical moment in its history that is an essential part of your town’s story? How would you draw it to describe to a visitor or friend? Think of your map as functioning like a Wikipedia page for your town.

- o Purpose
 - To demonstrate understanding on how maps function and display information.

- o Tools
 - AutoCAD ▪ Adobe Illustrator ▪ Adobe InDesign

- **Project 2**
ALAMO SQUARE CAFE

The second project builds on research lessons, analytical techniques, and drawing strategies developed in the first project. Your project will be the development of a site design, responding to a project program and site characteristics. Your project is to develop a site concept for the re-design of a portion of Alamo Square Park in San Francisco. Alamo Square is to be redesigned to accommodate a new café, dining terrace, parking, and circulation, as detailed in the program below. In this project, you will draw your design to illustrate how you have manipulated the site to accommodate the project program.

- o Purpose
 - To receive instructor feedback ▪ To understand and draw the basic components of site design, topography, and stormwater design

- o Tools
 - AutoCAD ▪ Adobe Illustrator ▪ Adobe InDesign

- **Project 3**
LAND AND SITE DEVELOPMENT

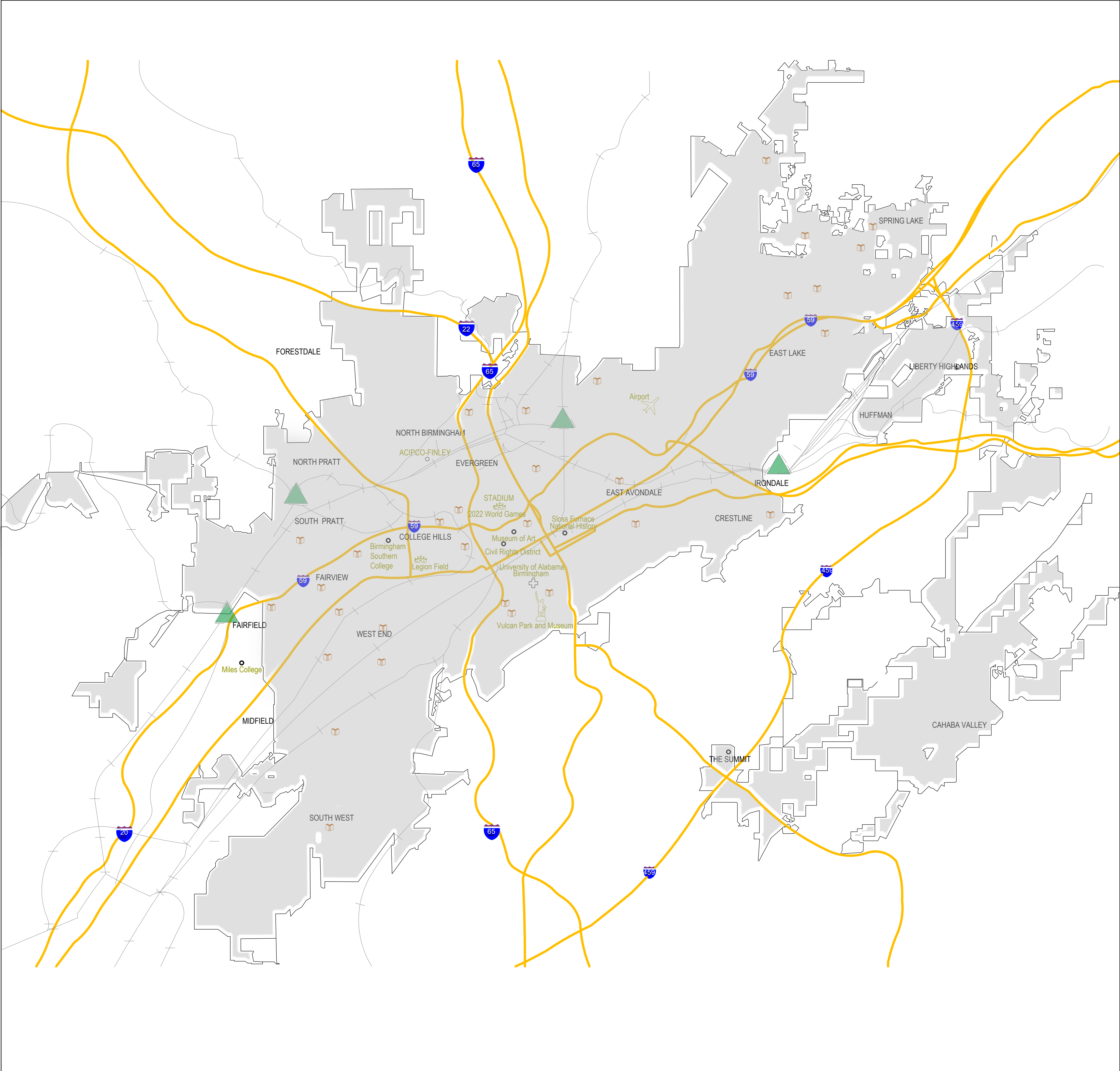
This project will investigate site development parameters. As part of understanding the historic development of cities in the Bay Area, California, and the American West, you will analyze fragments of redeveloping neighborhoods. Given a block within a redeveloping area, you will conduct the process of determining the regulatory potential of a site by researching the applicable codes, interpreting their implications, and illustrating your site’s capacity. You will address the relationship between hard regulations, like the Zoning Code, and soft regulations, like neighborhood design guidelines. This project, mirroring the real-world process that initiates every project, will allow you to understand the process of evaluating site opportunities and constraints based on physical, ecological, and legal characteristics.

- o Purpose
 - To identify the site for Project 3
 - To understand and diagram applicable building codes and regulations

- o Tools
 - AutoCAD ▪ Adobe Creative Suite ▪ Tracing paper ▪ Scale ▪ Adobe Illustrator ▪ Adobe InDesign

Project 1

HOMETOWN MAPPING

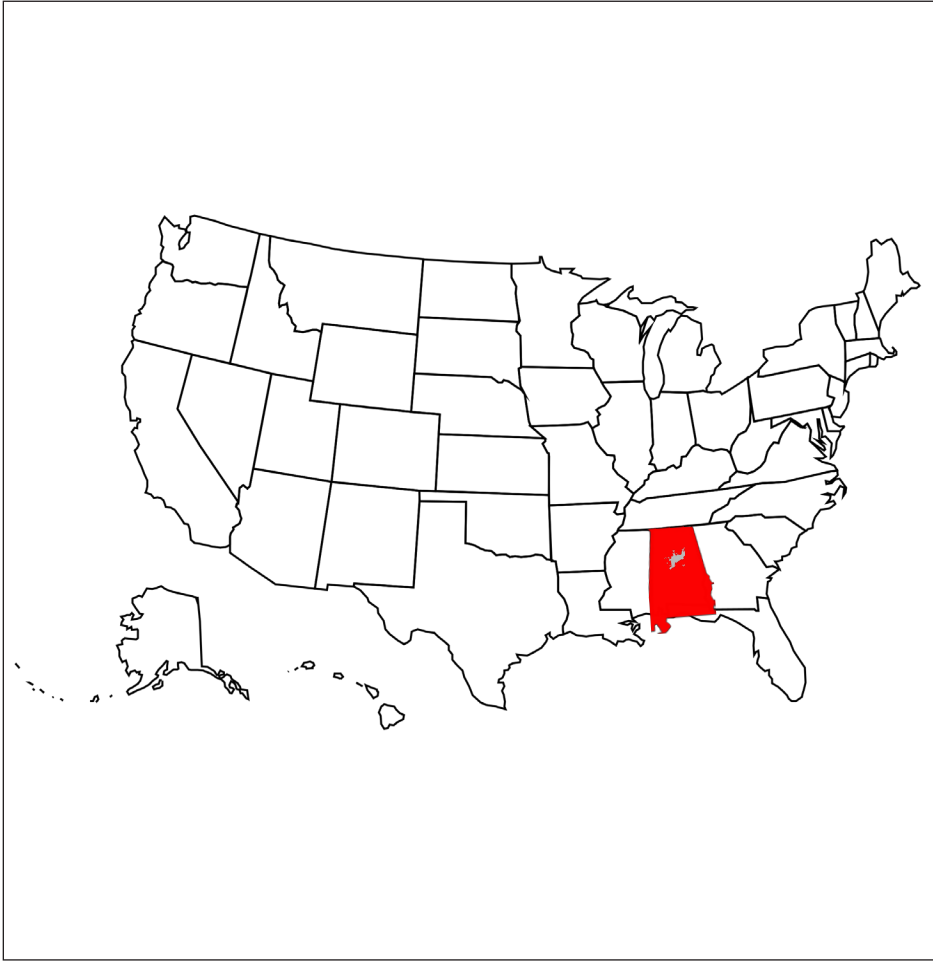


- Railway System
- Birmingham City Schools
- Attractions
- Major Interstate



BIRMINGHAM

ALABAMA /JEFFERSON COUNTY, UNITED STATES



County	Jefferson County, AL
Population	212,157 (2016)
Year Established	1871
Area (Land)	47 sq.mi. / 121 sq.km.
Elevation	-6.5 to 20 ft
Coordinates	33°31.2' N, 86°48.1' W
Walkscore	83 (Downtown)
AARP Livability Index	51

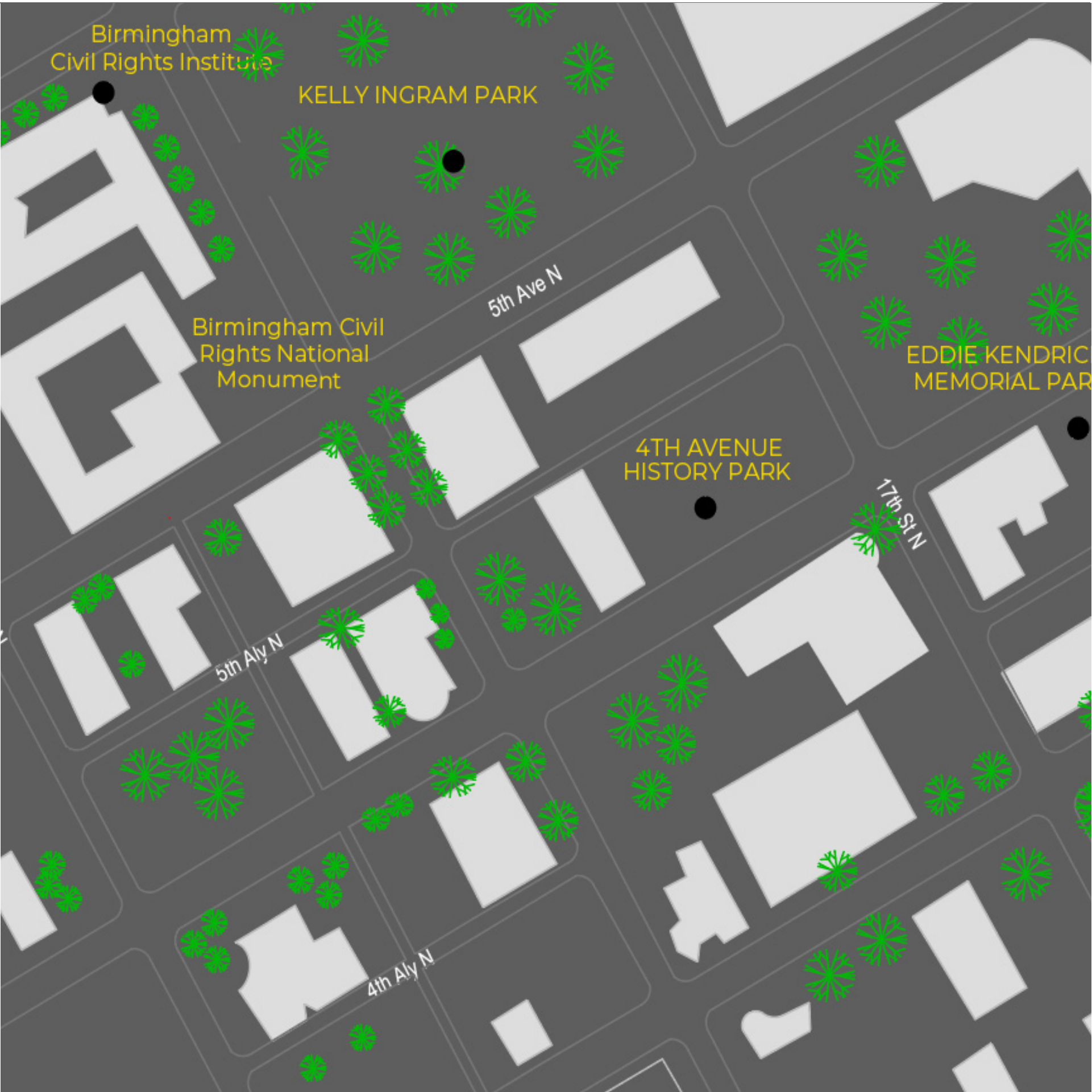
Located within the "Bible Belt", the southeastern region of the southern United States of America in Alabama's Jefferson County, is Birmingham. It is at the foothills of the Appalachians near one of the world's richest mineral deposits. Strategically placed near Jones Valley, a source of coal, steel, and limestone, made this a perfect place to produce steel and set up its crucial railway system. It adopted the name "Steel City" after the center of the country's steel industry in the United Kingdom during the time of its establishment (1871). It is the home of the colossal statue of Vulcan, a Roman god of fire and forges which is the largest cast steel statue in the U.S. Soon after its foundation, the city became the "Magic City" because of its extraordinary post-Civil War expansion.

Although Birmingham gained its identity and built its wealth on iron and steel, it also has a reputation for past turbulence and unrest during and of Civil Rights challenges. Many residents shaken by discord and of distressed living environments fled from the inner city to outer suburb areas. As time passed, Birmingham evolved and refashioned itself as a respectful living place despite the challenges it faced, and is continuing to revive its character which has made distinctive American history.

Present day, suburbans are re-entering Birmingham's inner-city as growth illustrates sprouting new businesses, developments, tech and startup hub facilities, and the expansion of the University of Alabama-Birmingham presence in medicine and healthcare fields. However, there is a dark side that is seldom publicized regarding its rooted past. Those that suffered through and are connected to those that experienced civil rights injustice are currently living in distress. Results are proven through homes and businesses that are within the income brackets of low to medium income status (usually found near or around railways of the inner city). There you will find failing schools, distressed living environments, and lack of opportunities in growth.

Birmingham has changed a lot throughout its history, however there are underline perspectives that go unrecognized, in need of change, and economic revivification. Areas of concentration include low to medium income populations that are not promoted as "In need" or "of interest".

LaRay Byrd ARH 240 / Project 1 / SPRING 2022



Project 2

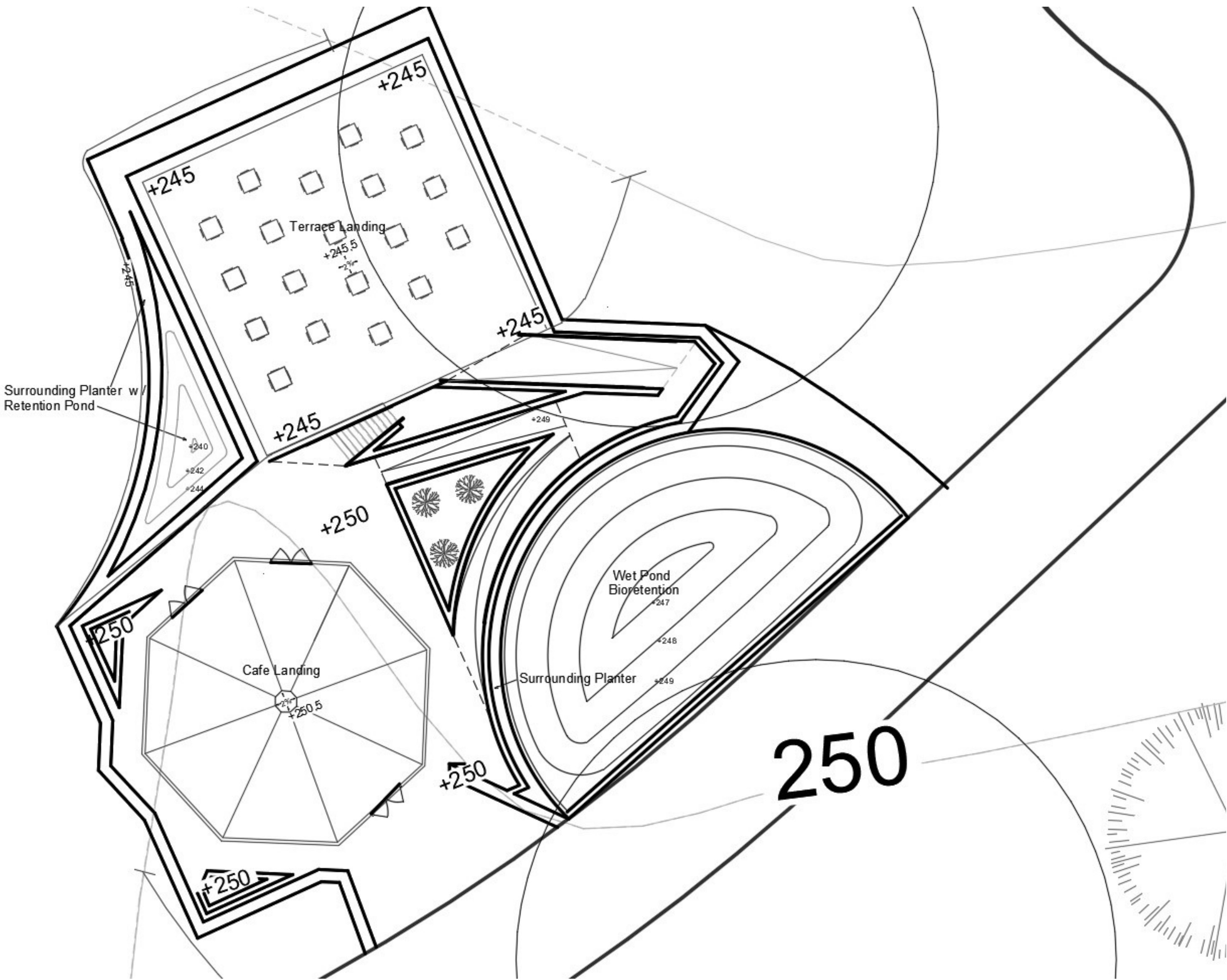
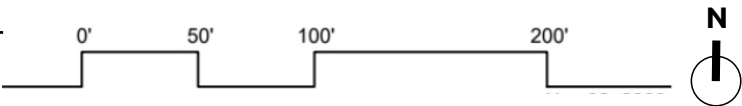
ALAMO SQUARE CAFE



SITE PLAN

PROJECT 2 | SITE PLANNING AND DEVELOPMENT | ALAMO SQUARE PARK & CAFE

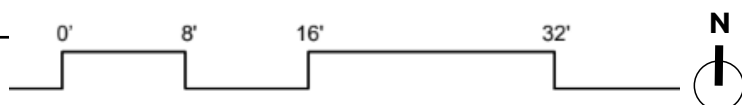
ARH 240-OL1 SPRING 2022_INSTRUCTOR CHRISTOPHER PIZZI
LA RAY BYRD
5.1.2022

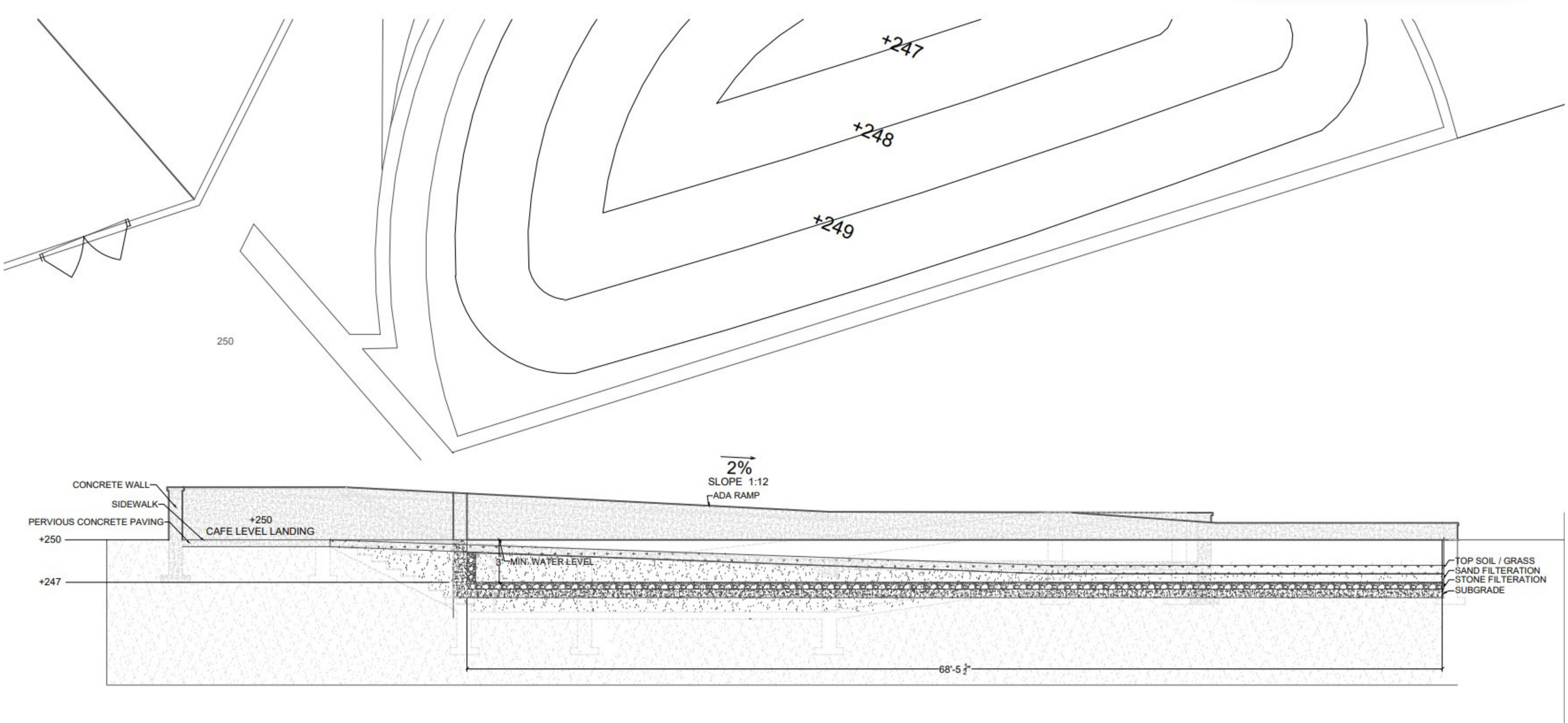


CAFE, TERRACE, BIORETENTIION POND

PROJECT 2 | SITE PLANNING AND DEVELOPMENT | ALAMO SQUARE PARK & CAFE

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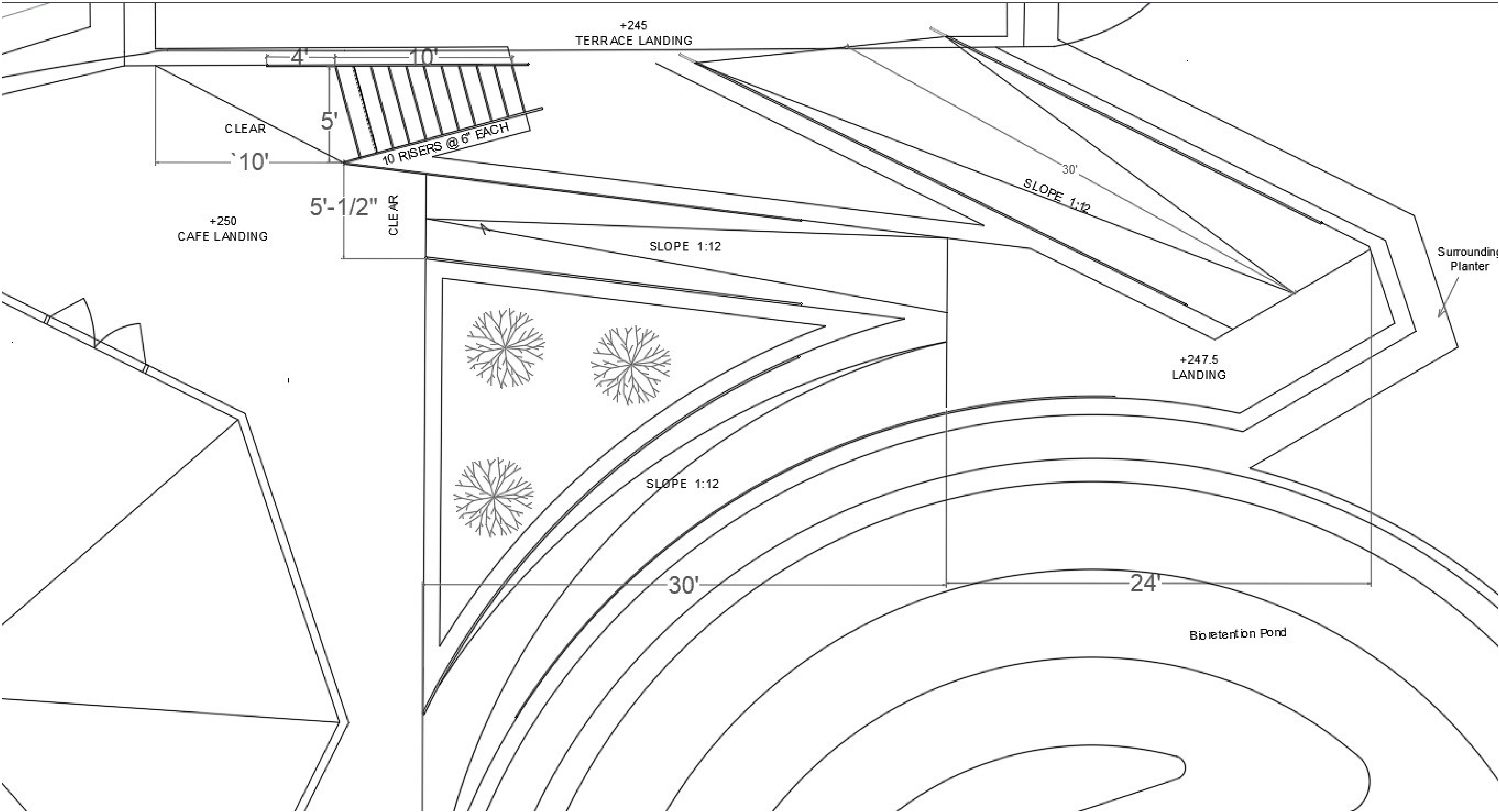
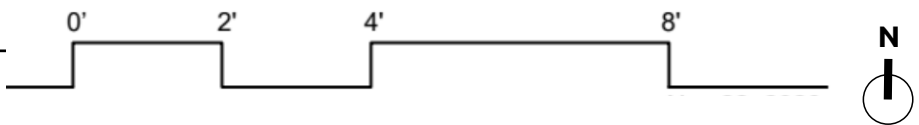




STORMWATER MANAGEMENT

PROJECT 2 | SITE PLANNING AND DEVELOPMENT | ALAMO SQUARE PARK & CAFE

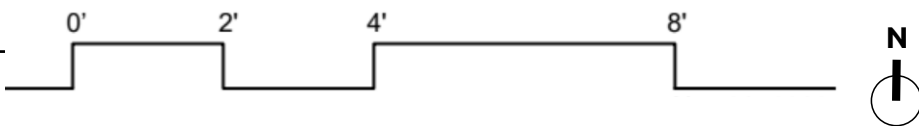
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LA RAY BYRD
5.1.2022

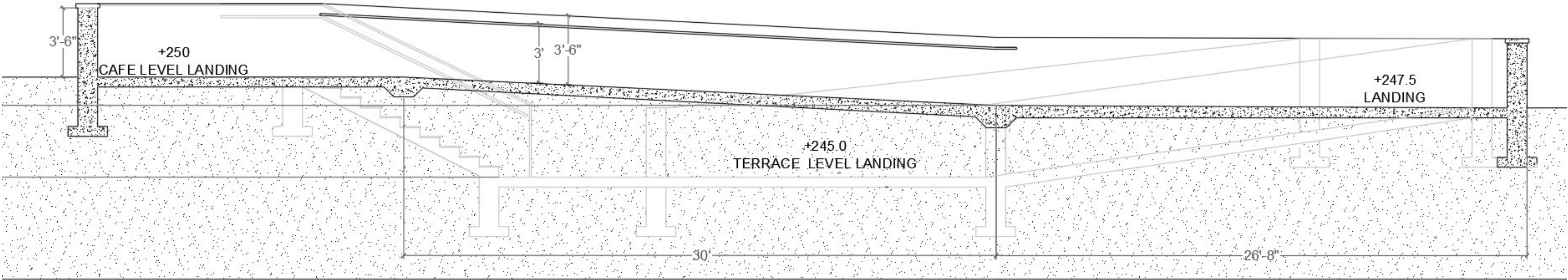
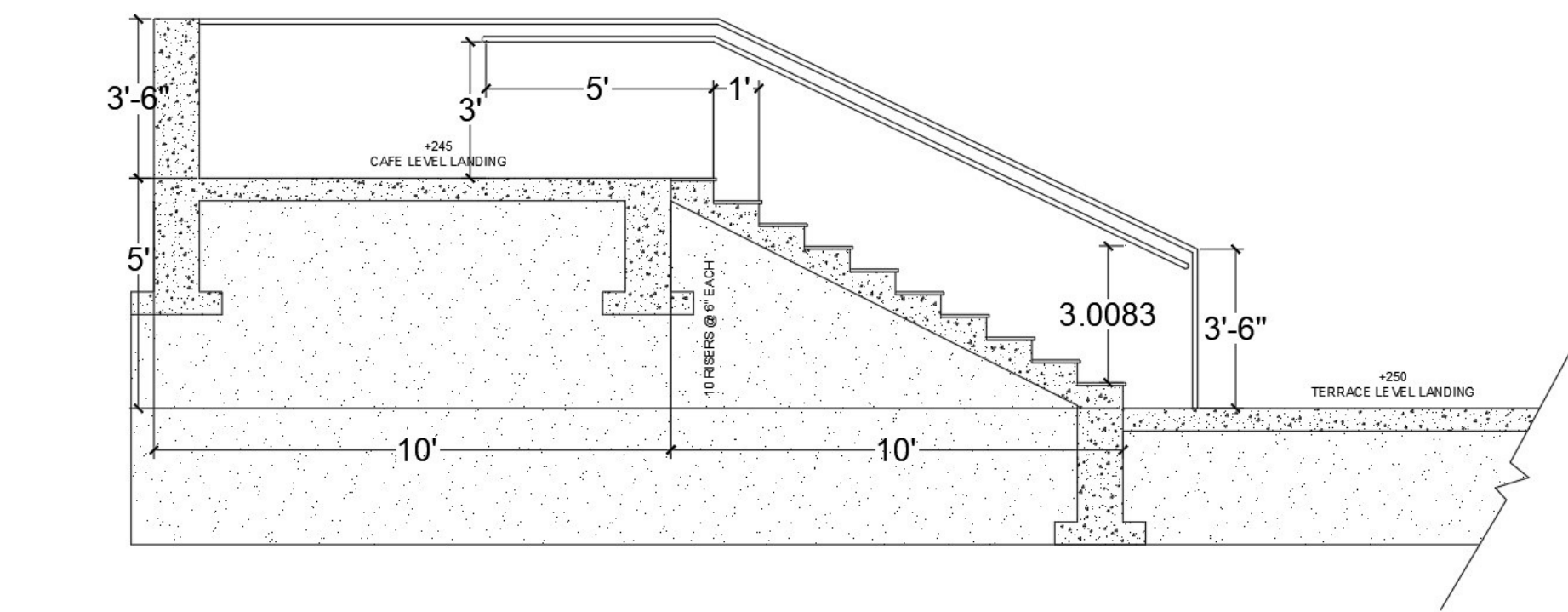


RAMP & STAIR PLAN

PROJECT 2 | SITE PLANNING AND DEVELOPMENT | ALAMO SQUARE PARK & CAFE

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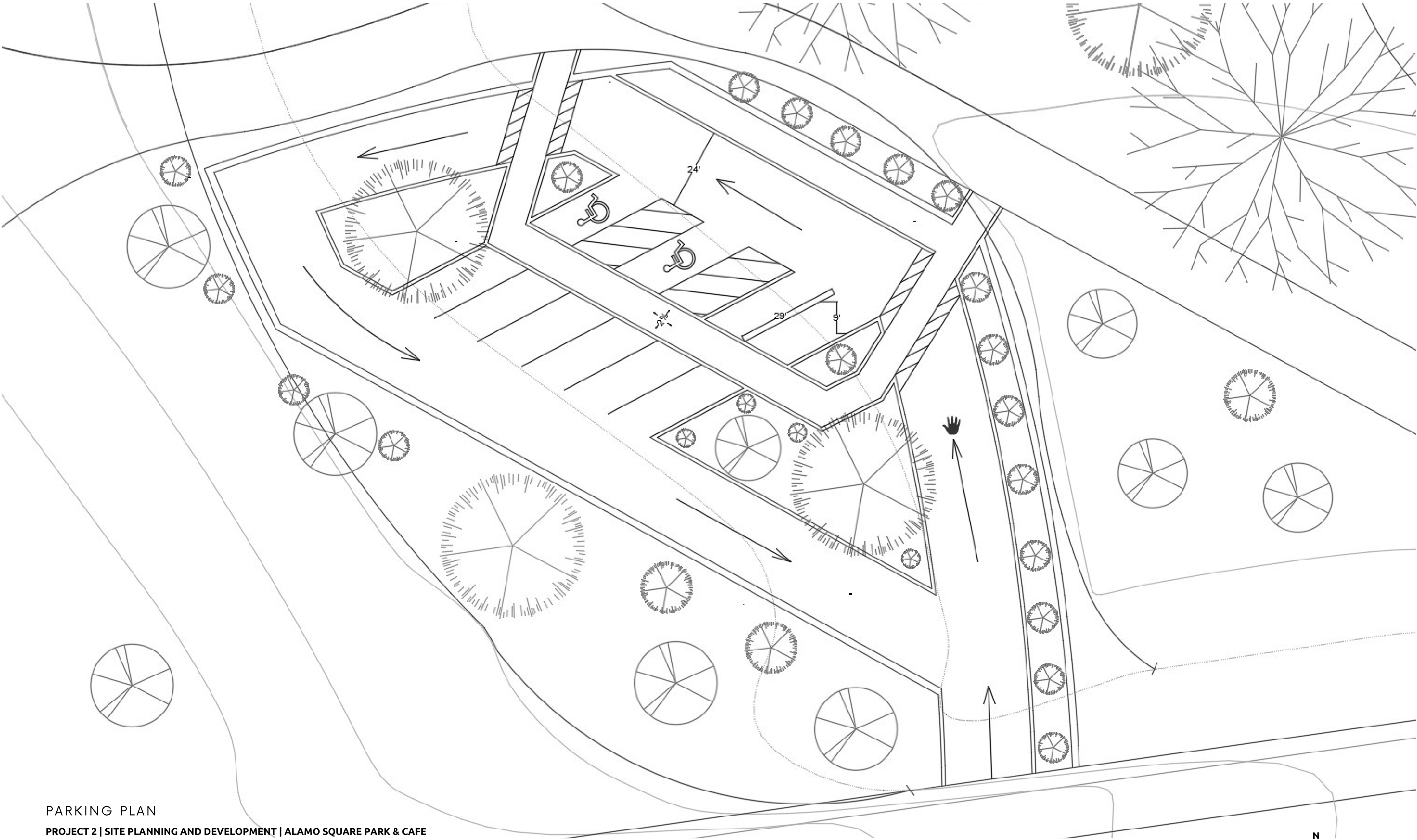
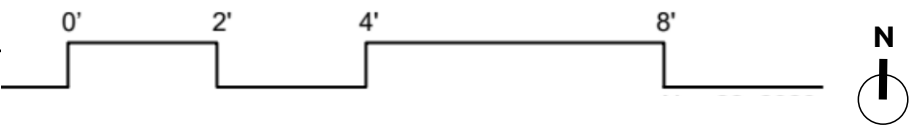




RAMP & STAIR SECTION

PROJECT 2 | SITE PLANNING AND DEVELOPMENT | ALAMO SQUARE PARK & CAFE

ARH 240-OL1 SPRING 2022_INSTRUCTOR CHRISTOPHER PIZZI
LA RAY BYRD
5.1.2022



PARKING PLAN

PROJECT 2 | SITE PLANNING AND DEVELOPMENT | ALAMO SQUARE PARK & CAFE

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5.1.2022

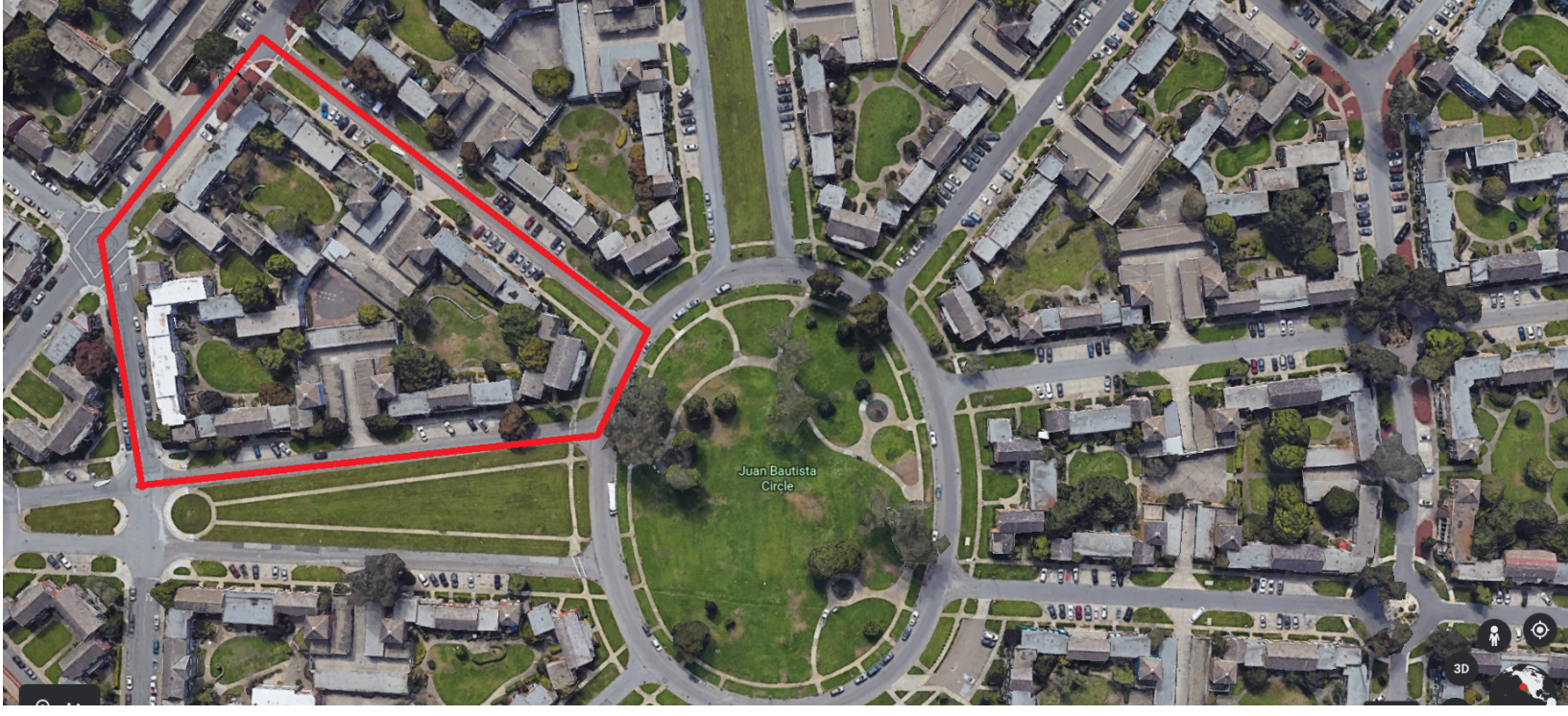


Project 3

LAND AND SITE DEVELOPMENT

PROJECT 3

Land and Site Development: Block Development Capacity and Envelope



PARKMERCED

San Francisco, CA

Architect(s): Leonard Schultze and Thomas Dolliver Church

Established: 1939 - 1951

Park Merced is a historic urban neighborhood located south of San Francisco State University near Lake Merced and the Bay area in San Francisco, CA. It has pie-shaped blocks which were developed by the Metropolitan Life Insurance Company, designed for middle-income tenants. The area has a unified landscaping plan that features individually designed and graded courtyards with different street types, and open spaces. San Francisco Municipal Railway 57 and Muni Metro M Ocean View are the primary transportation services for the area.

Proposed plan for redevelopment involves replacing deteriorated low-rise garden homes with mid-rise structures (preserving rent control status). Plans also include retail, grocery store, performance center, and relocating the M Oceanview metro line into Parmerced.

PROJECT SITE

3711 19th Avenue on Assessor's Blocks:
7303, 7303A, 7308-7311, 7314, 7316, 7319-7326,
7330-7345, 7333 A-B, 7333E, and 7353-7373
152 Acres
Southwest portion of San Francisco
adjacent to Lake Merced

RESIDENTIAL NEIGHBORHOOD

- Population: 13,205
- 3,221 Residential units

CAPACITY

- 11 towers and 170 two-story buildings
- Mixed-use development

OBJECTIVE

REPLAN AND REDESIGN

Mixed Use, Residential District

- Increase neighborhood density (8,900 units over 20 time span)
- Retain about 1683 existing apartments
- Demolish in phases 1,538 existing apartments over 20 year span (30 year projected build out)
- New commercial and retail services
- Modify transit facilities
- Improve utilities
- K-5 schools / Daycare facilities
- Fitness Center
- Open space uses (Athletic fields, walking and biking paths
- 2-acre of organic farmland
- Community gardens

DATA TABLE

Assessed Values

Parcel Area

Use Type

Zoning

Allowable Uses

Allowable Height

Special Use Districts

Legislative Setbacks

Coastal Zone

Port Jurisdiction

Ecological

Considerations

Land

- \$13,884,116.00

Structure

- \$5,236,986.00

Lakeshore_SW Quadrant

- 116,923 sq ft

- Mixed Use-Social Heart / Residential
- Apartment/ Outdoor activities / Apartment Units

PM-MU1 / PM-R

Category: Outdoor Activity Area

Commercial / Outdoor Activities / Residential

95'-PM (Black) / 85'-PM (Pink)

7335

None

CZ13_Sections 105 and 106 of Planning code. Established in Section 530 and following of the Planning Code.

Not under Port Jurisdiction

Outdoor activities

Opportunities

- Replace low-rise garden homes with mid-rise structures
- Infrastructure improvements (renewable energy, wind turbines, photovoltaic cells)
- Reroute transit system to accommodate
- Anti-sprawl (people-oriented neighborhood design approach)
- Concentrate housing close to employment
- Community services and amenities
- Open space
- Stormwater management plan

Constraints

- Preserving rent control
- Some street configuration

37° 43' 6.07" N, 122° 28' 45.24" W

PROPERTY INFORMATION MAP:

Block 7321/001

PARCEL: 7321001

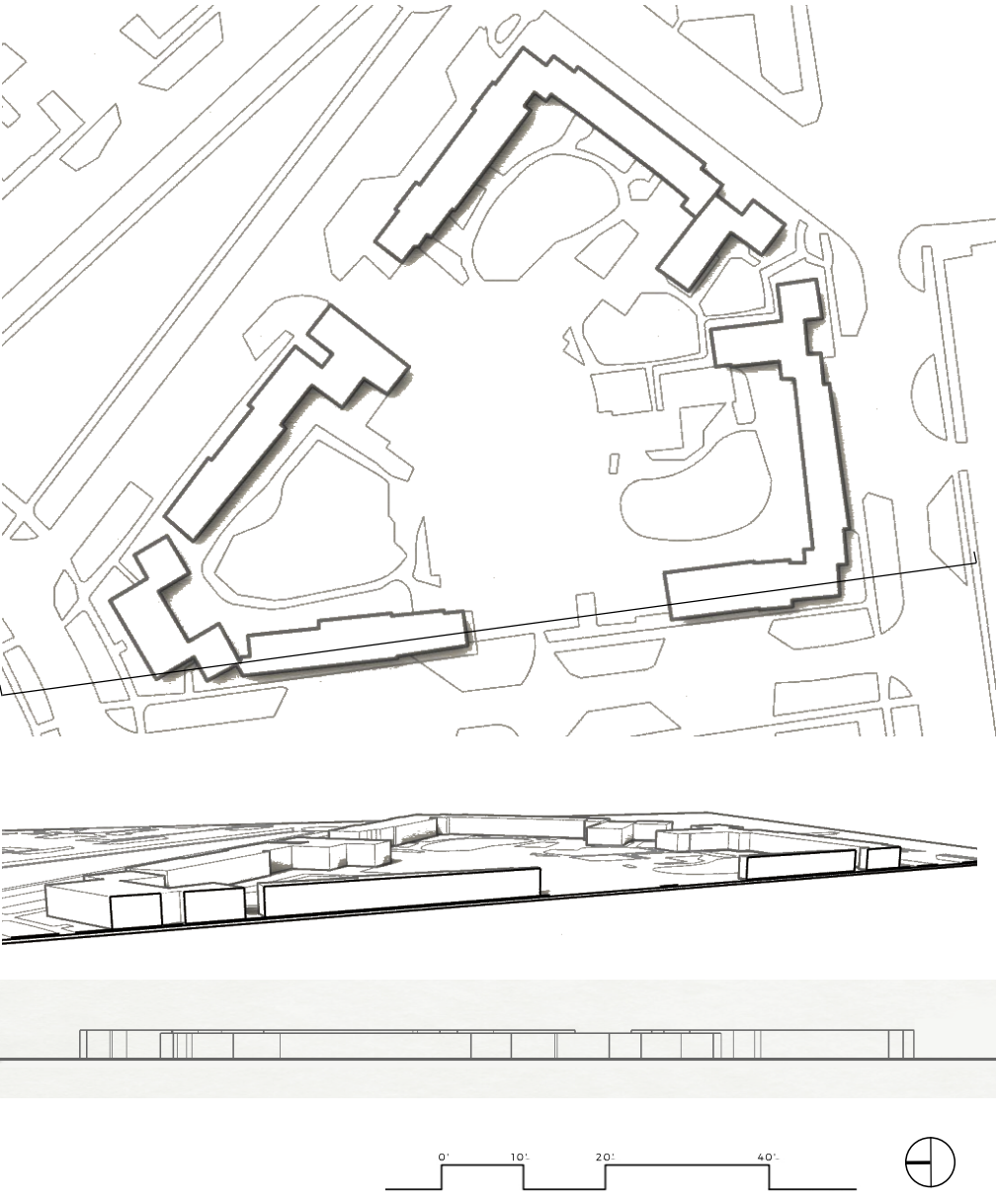
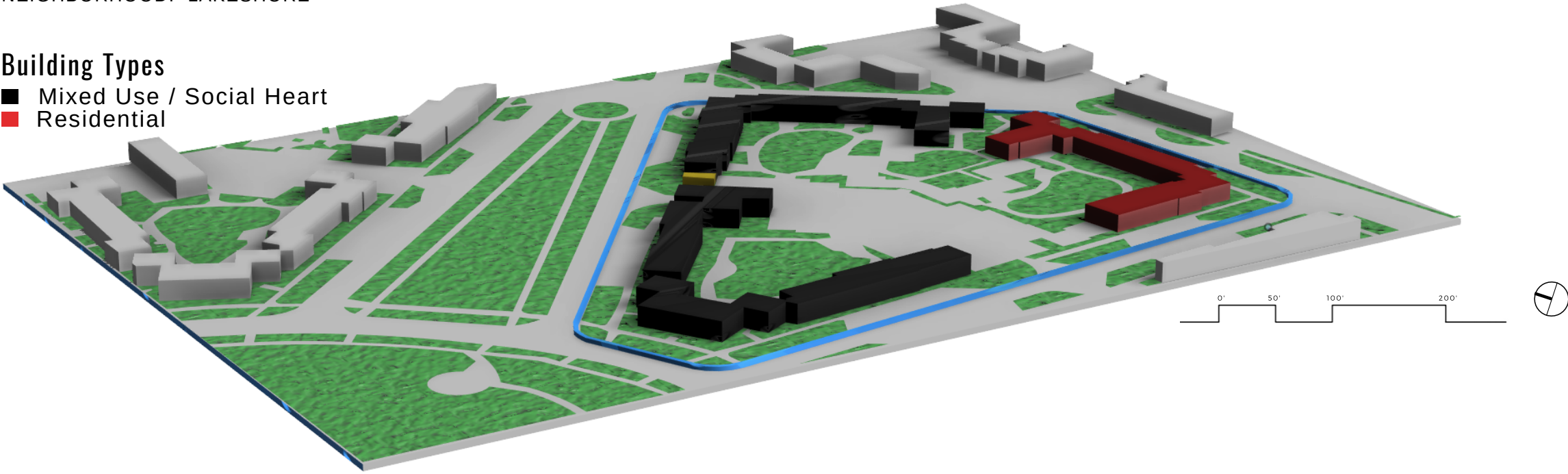
YEAR BUILT: 1942

DISTRICT: 13_INGLESIDE

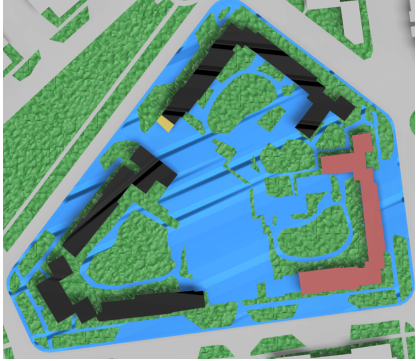
NEIGHBORHOOD: LAKESHORE

Building Types

- Mixed Use / Social Heart
- Residential

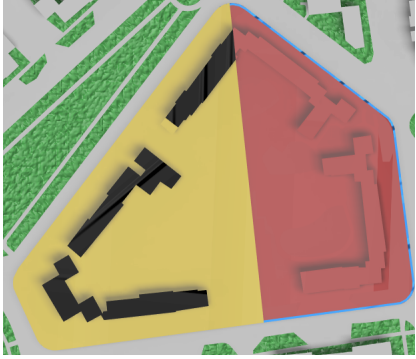


Allowable Height



- Open Space
- Height Limit not to exceed 95'
- Height Limit not to exceed 85'
- Height Limit not to exceed 45'

Zoning



- PM-MU1 Residential / Outdoor Activity Area
- PM-R Residential

Land Use



- Residential
- Mixed Use_Social Heart

Hardscapes / Softscapes



- Softscapes
- Hardscape
- Site Boundary

LaRay Byrd
ARH 240L2: Site Design & Mapping
Project 3
Spring 2022