THE LANGSTON HUGHES LITERARY CENTER

FALL 2024

Natasha Overn

Professor: Moises Torres

FIU Architecture

ARC 5361
COMP Studio
Fall 2024

LANGSTON HUGHES LITERACY CENTER

2015 5TH AVE,
NEW YORK, NY 10035

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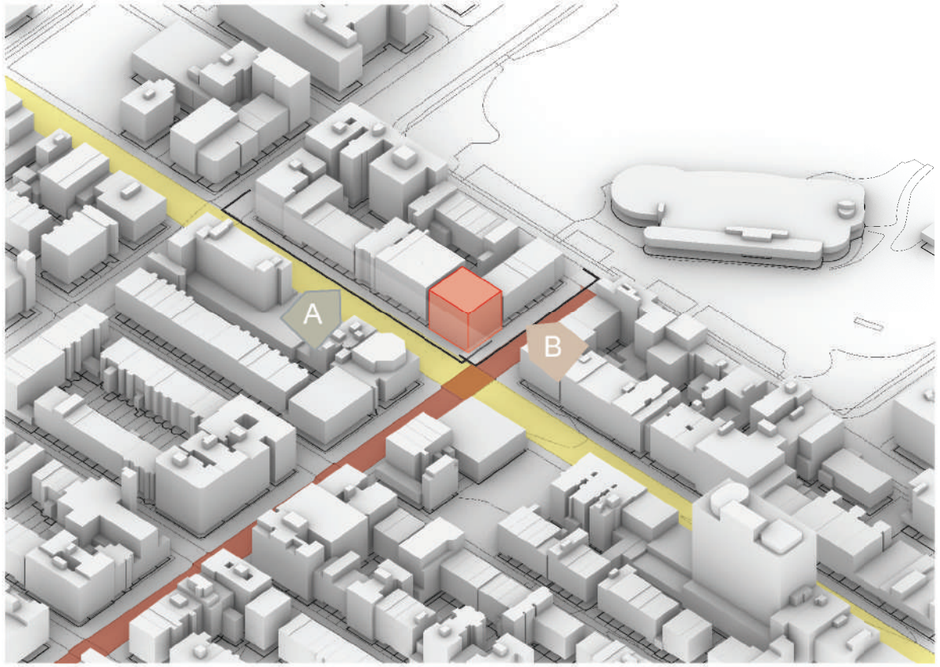

EAST 125TH ST

5TH AVE

SITE

A EAST 125TH ST (ELEVATION A)

B 5TH AVE (ELEVATION B)

5TH AVE (ELEVATION B)

EAST 125TH ST (ELEVATION A)

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MAIN STREET ELEVATIONS

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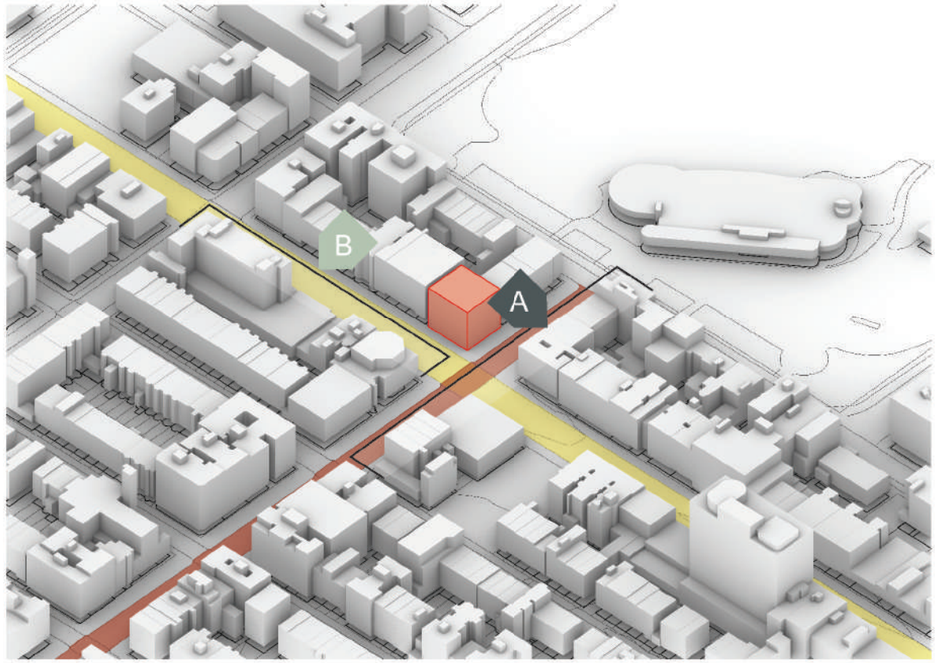
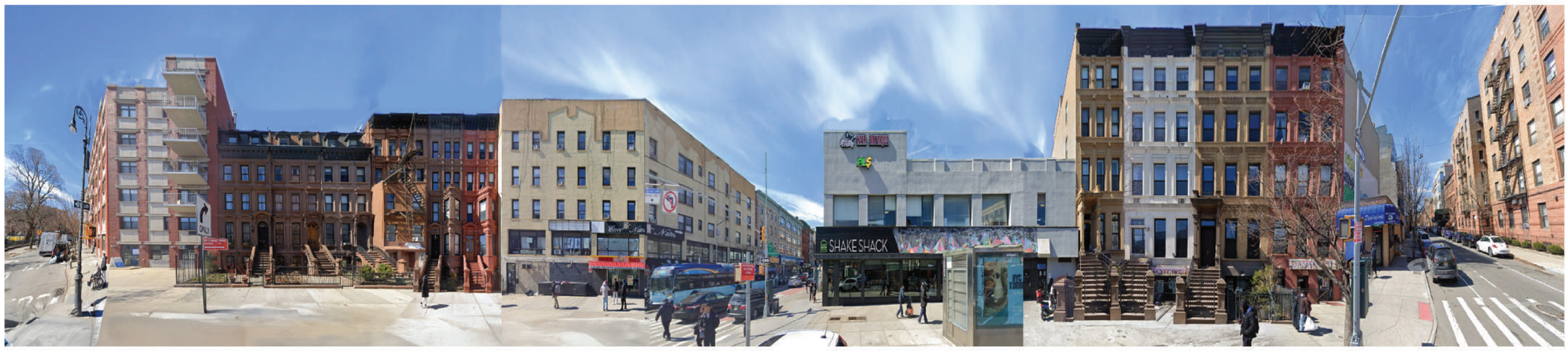


EAST 125TH ST
5TH AVE
SITE

B EAST 125TH ST (ELEVATION B)

A 5TH AVE (ELEVATION A)

EAST 125TH ST (ELEVATION B)



5TH AVE (ELEVATION A)

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PHYSICAL MODEL PHOTOS

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1900

In the early 1900s, Black families began moving to Harlem from other neighborhoods looking for factory jobs that were in demand caused by World War 1. By the 1920s over 300,000 African American people had moved from the south and into Harlem, resulting in this Black Pride Movement.

1901

Langston Hughes was born in Joplin, Missouri on February 1st ,1901. He was raised mostly by his grandmother, Mary. When she passed he moved around a lot with his mother, finally settling in Cleveland. Once settled, he begins writing poetry.

Graduates high school and moves to Mexico with his father.

1920

Hughes Publishes first poem *The Negro Speaks of Rivers.* It traces black history from the beginning of human civilization to the present, encompassing both triumphs, arguing that the black "soul" has incorporated all of this historical experience, from the time of the Egyptian Pyramids to the Age of Slavery.

"I've known rivers:

I've known rivers ancient as the world and older than the flow of human blood in human veins.

My soul has grown deep like the rivers."

1921

In 1921, he attended Columbia University, but dropped out quickly after due to racism he experienced on campus, but also due to his fascination with Harlem.

"More than Paris, or the Shakespeare country, or Berlin, or the Alps, I wanted to see Harlem, the greatest Negro city in the world."

■ Langston Hughes

1924

Langston leaves Harlem and moves to Paris. He observes similar experiences of hardship compared to the life of a white man.

1926

He moves back to Harlem. He meets similar activists like Wallace Thurman (novelist & screenwriter), Zora Neale Hurston (writer), Gwendolyn Bennett (artist), & Aaron Douglas (painter). They come up with a support group and magazine to talk about an uncensored range of topics like sex and race.

Start of the Harlem Renaissance

During the 1920s to mid-30s, many black artist became popular during this time of the Harlem Renaissance. It was considered a golden age for African American Culture, literature, performances, and art.

The movement brought notice to African American art, culture, and identity. It inspired and influenced later generations of Blacks to come. It redefined how other races viewed and understood the experiences of African Americans.

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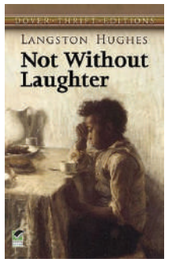
1930s

He leaves to travel, do lecture tours, and read his poetry. By doing this he further gain awareness about the Harlem Renaissance. Publishes first novel “Not Without Laughter”, and wins a Harmon Gold Medal for Literature. It is a coming of age story about an African American boy who faces challenges in his childhood.



In 1936, publishes “Let America Be American Again”, expressing hope for the American Dream.

The free?

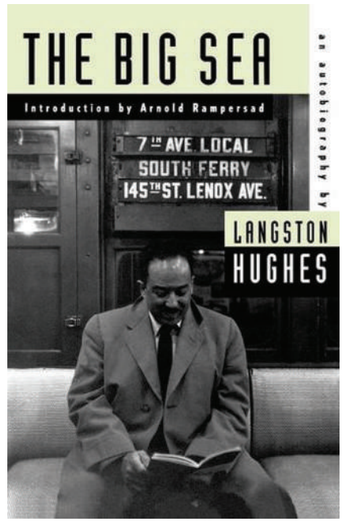
Who said the free? Not me?

Surely not me? The millions on relief today?

The millions shot down when we strike?

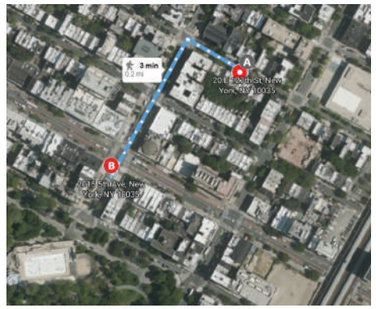
The millions who have nothing for our pay?

1940s



Langston’s first autobiography is published. He gives first hand stories of the Harlem Renaissance in a section called “Black Renaissance”, this further influences how the world learns of this time in history.

1947



20 E 127th st, New York, NY 10035

He moves into the top floor of the rowhouse for the last 20 years of his life. The architect who design the home was Alexander Wilson, and constructed by James Meacher and Thomas Hanson.

Civil Rights Movement occurs from 1950s-1960s. “Hughes’s poetry hovers behind Martin Luther King’s sermons like watermarks on bonded paper,” writes scholar W. Jason Miller in a post for The Florida Bookshelf.

It is said that MLK refers to Hughes writing from “A Raisin in the Sun”, “A Dream Deferred (Harlem)”, & “Let America Be America Again”.

1950s-1960s

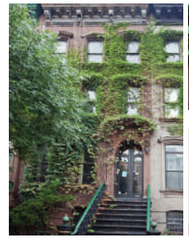
King wrote to Hughes: “I can no longer count the number of times and places… in which I have read your poems,” (Smithsonian Magazine).

1967

Langston passes from complications during surgery for prostate cancer on May 22, 1967. He was 65 years old.

His ashes are located in the floor of the Schomburg Center of Research in Harlem, which is a 17 min walk from site.

1981 & 1982



His home was given a New York City Landmark designation in 1981 and a National Register of Historic Places in 1982.

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Harlem Jazz Clubs of the 1920's-1940's

- **Alamo Club** (1915-1925) 253 West 125th St (basement) b/t 7th and 8th (aka Alamo Cafe; Jimy Durante)
- **Alhambra Ballroom** (1929-1945) (aka The Harlem Alhambra) 2116 Adam Clayton Powell Jr. Boulevard (7th Avenue) at 126th Street (built in 1903 for vaudeville
- **The Apollo Theater** 253 West 125th St. b/t 7th and 8th Avenues
- **Baby Grand Cafe** (1945-1965) 319 West 125th b/t St Nick and 8th (1964 phone book) (Club Baby Grand)
- **Bank's Club** (located on 133rd St.)(more info to come)
- **Barbeque Club** (restraunt above The Nest at 169 West 133rd (established 1923)
- Barron's Club – Clark Monroe opened clark Monroe's Uptown House in the 1930s at 198 West 134th St (at 7th Avenue)in the basement.
- **Basement Brownies** (1930-1935) 152 West 133rd St. b/t 6th and 7th Avenues
- **Brittwood Bar** 594 Lenox at 141st, next to the Savoy Ballroom.
- **Capitol Palace** 575 Lenox at 139th St.
- **Clark Monroe's Uptown House** 198 West 134th St.between Lenox Avenue and Adam Clayton Powell Boulevard (7th) (building still there)
- **Club Harlem** 145th and 7th (1952?)(more info to come)
- **Connie's Inn** (1923-1934) 2221 7th Ave at 131st St. (131st and 7th was "The Corner")
- **Cotton Club** 644 Lenox Avenue at north east corner of 142nd
- **Count Basie's Lounge** (1955-1964) 2245 7th Avenue NEC 132nd St.(building still there)
- **Covan's** (aka Covan's Morocco Club) 148 West 133rd b/t 6th and 7th Avenues
- **Dickie Wells Shim Sham Club** (1932-1942) (in the same space as The Nest) (169 West 133rd)
- **Edith's Clam House** (aka Harry Hansberry's Clam House or just The Clam House) – 146 West 133rd St. b/t 6th and 7th Avenues
- **Gee Haw Stables** 113 West 132nd Street b/t Lexox and 7th Ave
- **Golden Gate Ballroom** (1939-1950) 640 Lenox Avenue at West 142nd St.
- **Harlem Opera House** 209 West 125th St. at 7th Avenue
- **Harry Hansberry's** Clam House 146 West 133rd (1928) b/t Lenox and 7th Ave.
- **Havana San Juan** 138th and Broadway (1960)(more info to come)
- **Herman's Inn** (145) 2493 Seventh Avenue b/t 144th-145th Streets
- **Hoofers** 2235 7th Ave (basement of Lafayette Theater/Dancers Bojangles Robinson)
- **Hot Cha** 2280 7th Ave NWC 134th (Hot Cha Bar and Gril) (CLub Hot Cha)(Where Billie Holiday started)
- **Lafayette Theater** 2227 7th Ave. (The Rhythm Club that was under the Lafayette became the Hoofer's CLub)
- **Lenox Lounge** (Zebra Room inside) from 1939 – 288 Lenox b/t 124th and 125th
- **Lincoln Theater** 58 West 135th Street b/t 6th and 7th Avenues (1909-1964)
- **Mexico's** 154 West 133 (basement) b/t 6th and 7th Avenues
- **Minton's Playhouse** 206 west 118th at St. Nick. south east corner of St Nicholas Avenue (building still there)(1938-1974; reopened 2006); Jazz Club and bar located on the 1st floor of the Cecil Hotel (210 West 118th St.)
- **Monroe's Uptown House** see: Clark Monroe's Uptown House – 198 West 134th Street
- **The Nest** (aka The Nest Club – men played in Bird outfits, sang "Where do the young bird's go – to the Nest!") 169 West 133rd (basement) – (opened in 1923-1932)) later the Rhythm Club (upstairs The Barbeque Club)
- **The Palace Ballroom** (aka The Rockland Palace Ballroom; originally the State Palace Ballroom) 280 West 155th at 8th Ave.
- **The Plantation Club** 80-82 West 126th Stret between 5th Ave and Lenox
- **Pod's and Jerry's** 168 West 133rd b/t 6th and 7th Avenues
- (1925-1935)(better 1928-1948 or 9) (Officially The Patagonia; later The Log Cabin)(Greet you with "Hi Pod'ner" and Wild West Jerry) Pod's and Jerry's, officially the Catagonia Club
- **Radium Club** (Happy Rhone's Radium Club 1920-1925; 654 Lenox b/t 143rd-144th)
- **Reuben's** 242 West 30th St. b/t 7th and 8th Avenues (a small piano club; Art Tatum played here
- **Renaissance Ballroom** (150 West 138th b/t 6th (Lenox) and 7th Aves (1915-1964)
- **The Rythm Club** (came after The Nest and before the Hoofer Club) (169 West 133rd) (later moved to 168 West 132nd 1932 then was later taken over by the Hoofer's Club)
- **St. Nick's Jazz Pub** 773 Street Nicholas Ave. – (since 1940: renamed The Pink Angel in 1950); renamed in the 60's)
- **Savoy Ballroom** (1926-1958) 596 Lenox Avenue b/t West 140th and West 141
- **Showman's Bar** (Showman's Jazz Club) 375 West 125th (It was originally located next to the Apollo Theater at 267 West 125th Street, where it was a hangout for the performers.
- **Small's Paradise** (aka Ed Small's Paradise) (1925-1980's)(basement) 2294+1/2 Seventh Avenue at the south west corner of 135th Street. (This later became Big Wilt's Small's Paradise; Now an International House of Pancakes is in the space.)
- **Snookie's Sugar Bowl** (a luncheonette in Harlem during the 1950'-60's.(more info to come)
- **Sugar Cane Club** (aka Small's Sugar Cane Club) (1917-1925) 2212 5th Ave at 135th (entrance through narrow underground passage)
- **Sugar Ray's** (2074 7th Ave b/t/ 123-124 (owned by boxer Sugar Ray Robinson)
- **Theatrical Grill** (198 West 134th St.; Clark Monroe opened the Uptown House in the 1930s at 198 West 134th St in Harlem, in a building which formerly held Barron's Club Tilllie's 148 West 133rd (chicken waffles and jazz)(1926)(later it was Monette's Supper CLub where legend has it that John Hammond 1st heard 17 year old Billie Holliday (fm NYT) (Now, since, 2006, it's Bill's Place – a small jazz club)
- **The Ubangi Club** (1934-1937) 2221 7th Ave at 131st St.)
- **The Yeah Man** (1925-1960) 2350 7th Ave at 138th St

Source: The Harlem Neighborhood Block Association. (n.d.). Harlem jazz clubs: 1920-40. Retrieved September 5, 2024, from https://hnba.nyc/harlem-jazz-clubs-1920-40/

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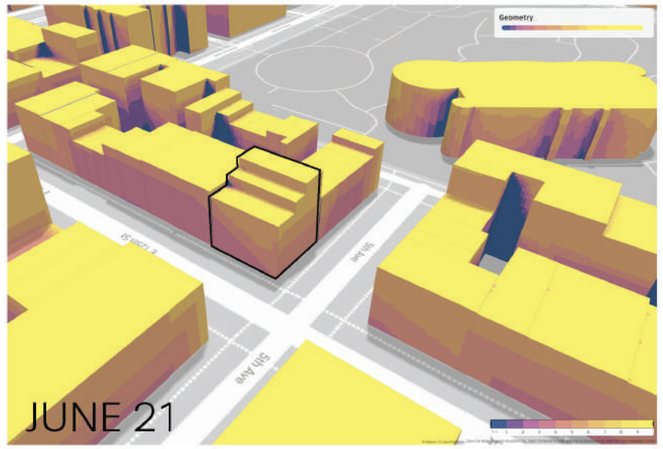
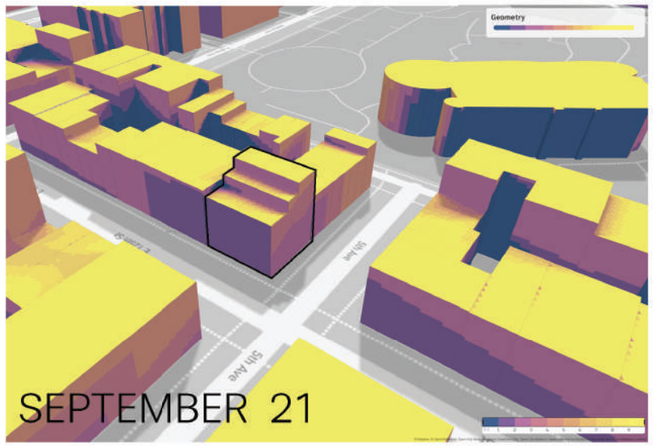
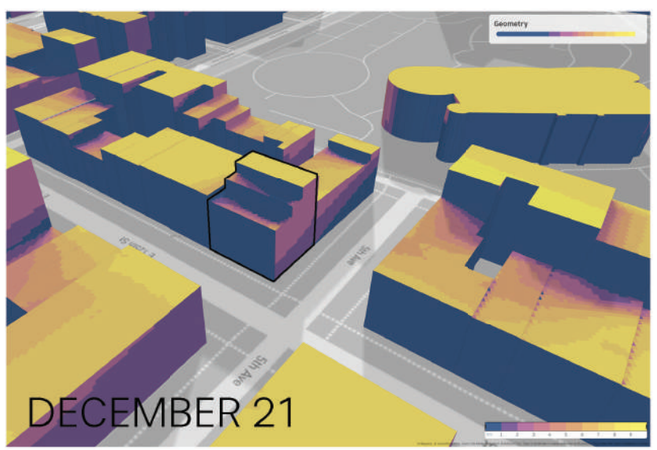
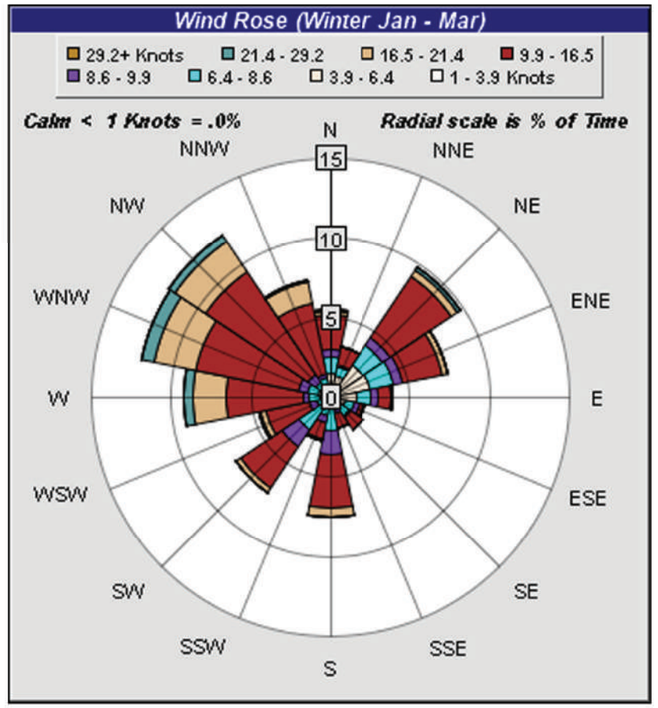
WIND ROSES

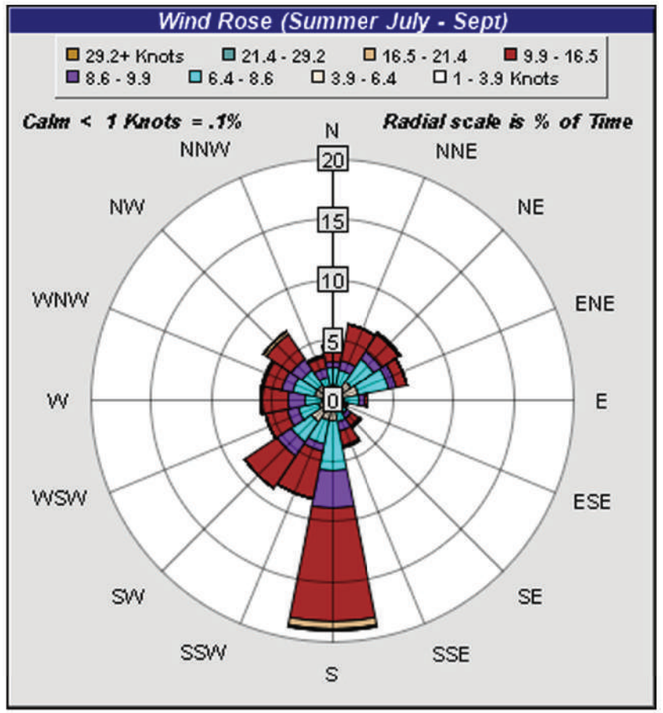
SUN HOURS

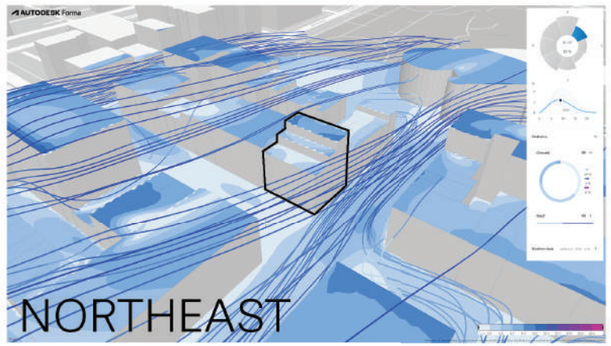


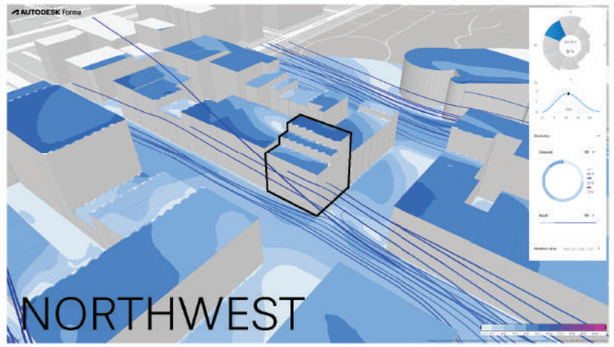


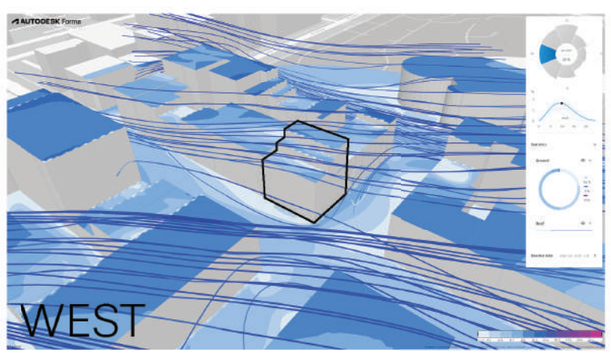


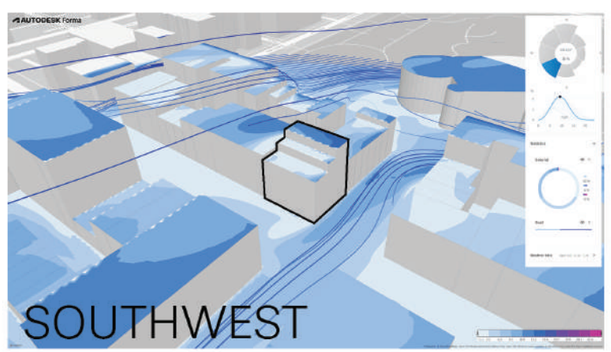












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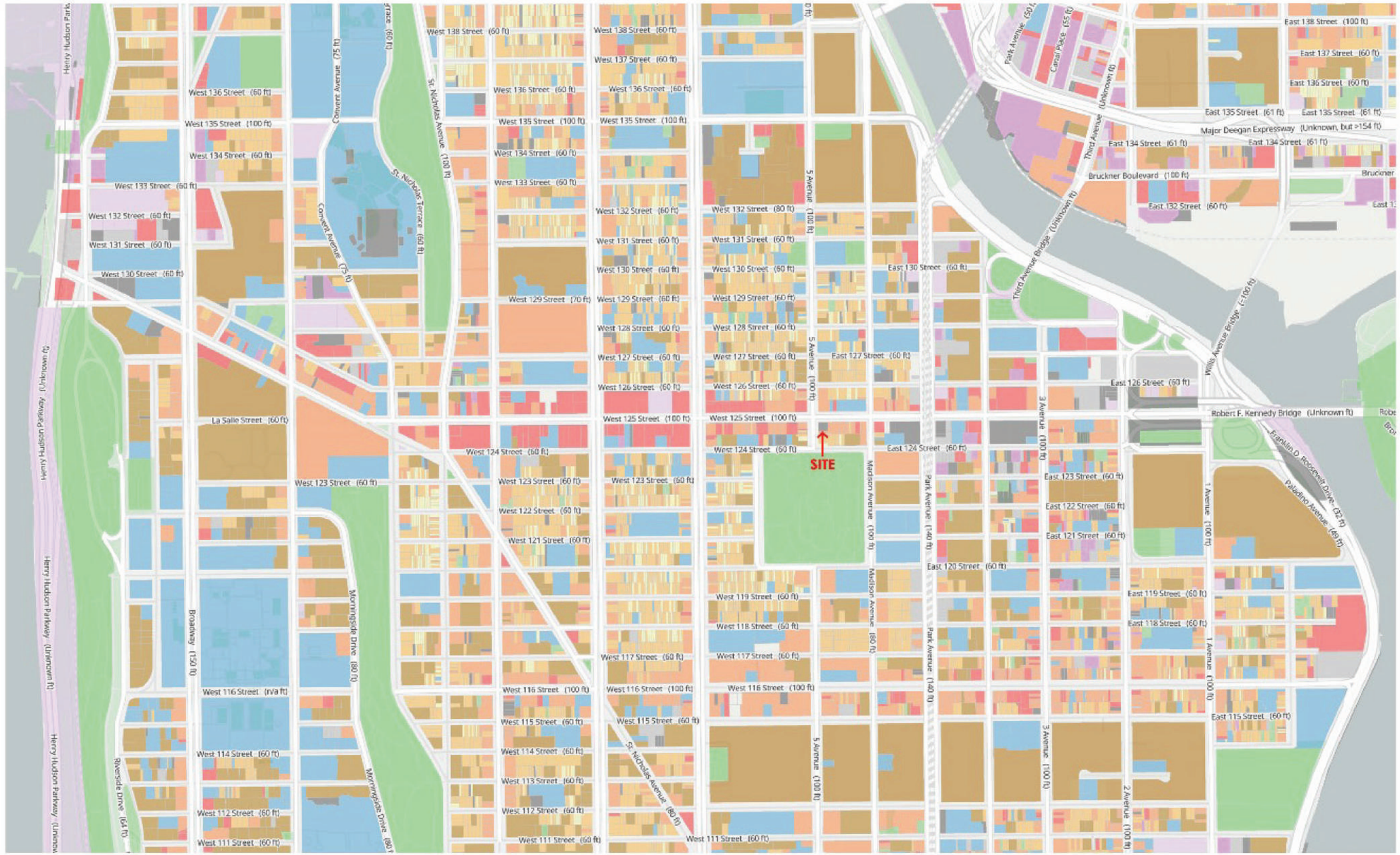

KEY:

One & Two Family Buildings	*Multi-Family Walk-Up Buildings*	*Multi-Family Elevator Buildings*	*Mixed Residential & Commercial Buildings*
Commercial & Office Buildings	*Industrial & Manufacturing*	*Transportation & Utility*	*Public Facilities & Institutions*
Open Space & Outdoor Recreation	*Parking Facilities*	*Vacant Land*	*Other*

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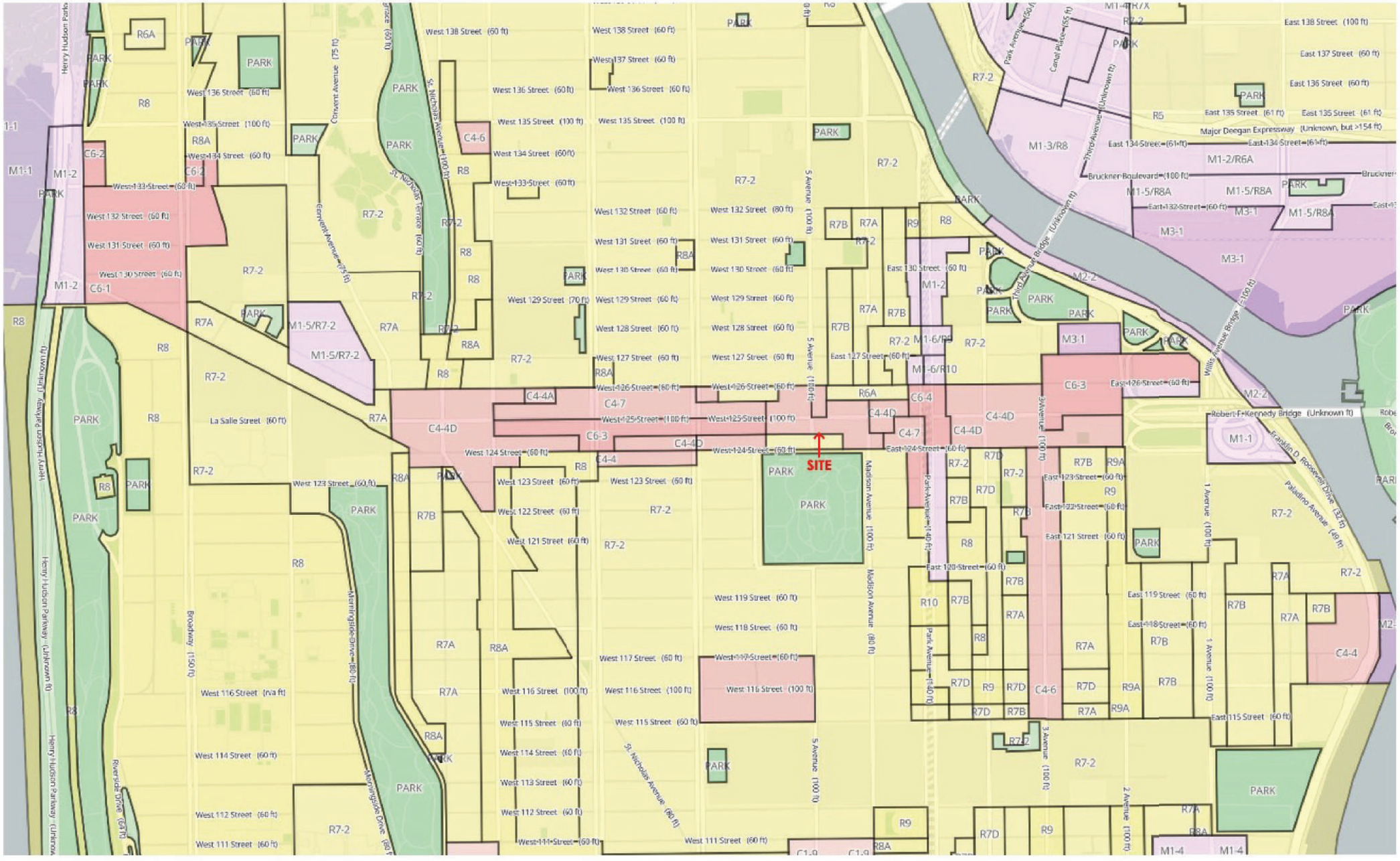

KEY:

Commercial Districts | Manufacturing Districts | Residence Districts | Parks | Battery Park City

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Zoning Regulations Definitions:

COMMERCIAL DISTRICTS

Commercial Districts are characterized by a range of business activities, from neighborhood retail and services in C1 Districts, to regional commercial areas with department stores and movie theaters in C4 Districts.

An A, B, D or X letter denotes an alternate version of the district that is applied in areas where it is considered appropriate that new buildings have a form and scale comparable to the predominant building type in the area. These are referred to as ***contextual districts.***

Thee size and shape of a building are controlled by provisions referred to as ***bulk regulations.*** These rules set forth the amount of development that can take place on a property, the amount of open area that needs to be provided and any restrictions on building height or proximity to a lot line.

FAR

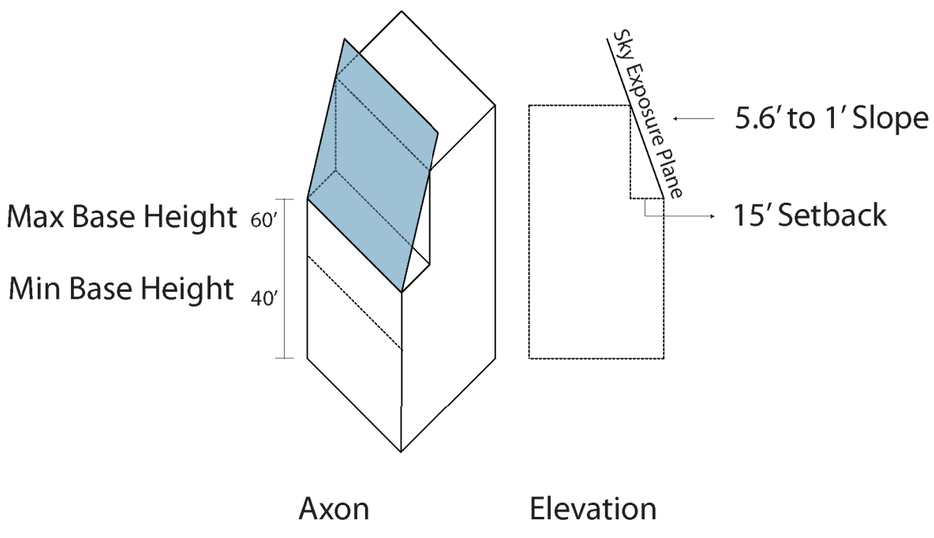
Floor Area Ratio (FAR) is one of the principal bulk regulations controlling the size of buildings, determining how much foor area can be located on a zoning lot.

FAR x Area of the zoning lot = Maximum amount of floor area allowed

HEIGHT RESTRICTIONS

Streets of 75 ft or greater in width are considered ***wide streets*** (125th and 5th Ave. are wide streets). On these streets heigh maximum can reach 85 ft but design must provide a setback above a base height according to the sky exposure plane regulations.

The ***sky exposure plane*** begins at a certain height above the street line and slopes inward, limiting how far the building can extend upwards without stepping back. This helps maintain light, air, and an open streetscape feel. The slope is expressed as a ratio of vertical distance to horizontal distance (values change depending on street width).



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Site Information:

Location:	2015 5th Avenue, Harlem, Manhattan, New York City
Block and Lot:	Block 1749, Lot 69
Zoning District:	**C4-4A**
Overlays and Special Districts:	**125th Street District** and a **Transit Access (TA) District**
Lot Area	**5, 914 SQFT**
Lot Frontage	**73.92 FT**
Lot Depth	**80 FT**
Building Class	Vacant Land - Zoned Commercial or Manhattan Residential

Zoning Regulations:

Ground Front Set Backs:	0 FT
Ground Side Set Backs:	0 FT
Ground Rear Setback:	0 FT

Residential District Equivalent:	R7A (Not applicable)
FAR (Floor Area Ratio):	**4.0 ****
Maximum Building Max. Floor Area:	5,914 x 4.0 = **23,656 SQFT**

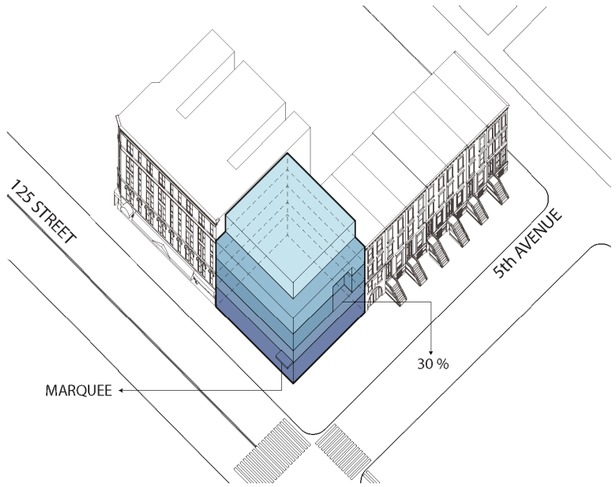
Maximum Height BEFORE Set Backs:	**60 FT or four stories, whichever is less**
Maximum Height AFTER Set Backs:	**85 FT**
Initial Set Back:	**15 FT**
Vertical Distance:	**5.6**
Horizontal Distance:	**1**

ADDITIONAL CONSIDERATIONS:

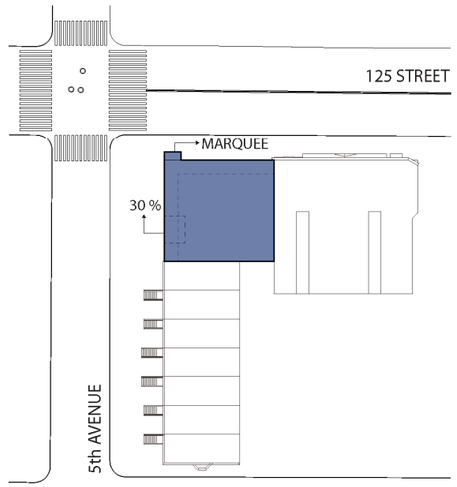
Street Wall Alignment: Street wall ***must*** be located at the street line or within a small setback (up to 10 feet) for at least 70% of its width along 5th Avenue.

Uniformity with Neighboring Buildings: The design should align with adjacent buildings to maintain a consistent streetscape.

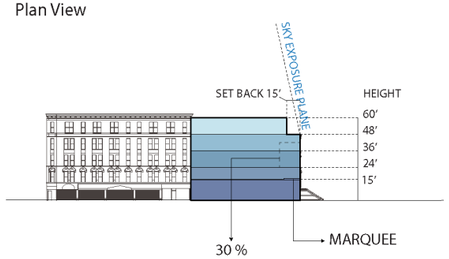
VARIATION 1:



Axon

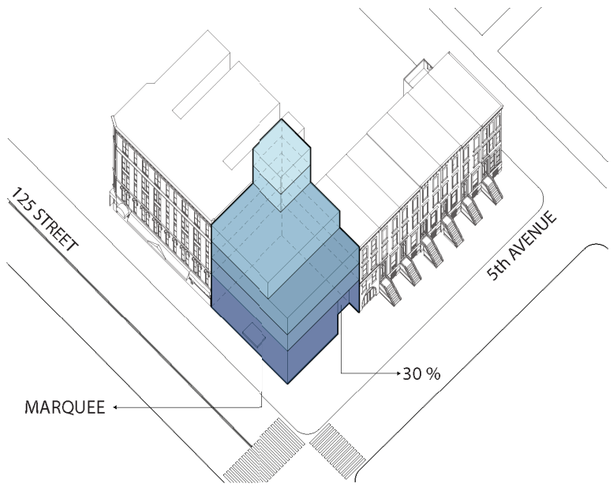


Plan View



Elevation - 125 street view

VARIATION 2:



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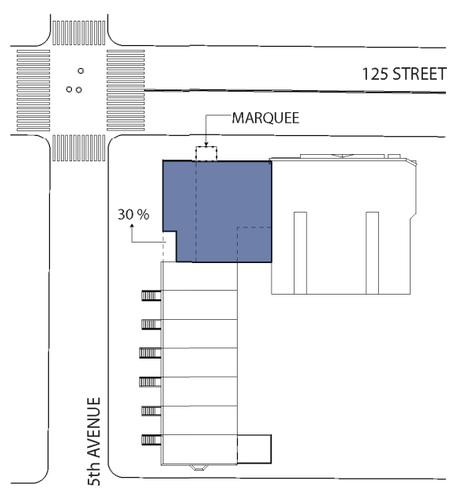
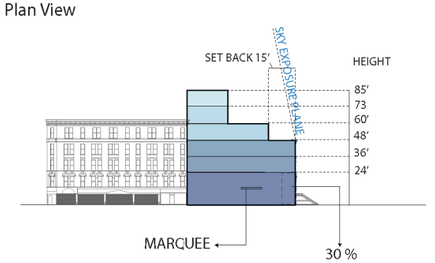


Plan View



Elevation - 125 street view

** The maximum Floor Area Ratio (FAR) is determined by the residential district equivalent (3.45 for R7A) . However, if lot includes both commercial AND community facility uses, the combined FAR should not exceed the amount allowed for commercial use alone in the district.

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LANGSTON HUGHES LITERACY CENTER

2015 5TH AVE,
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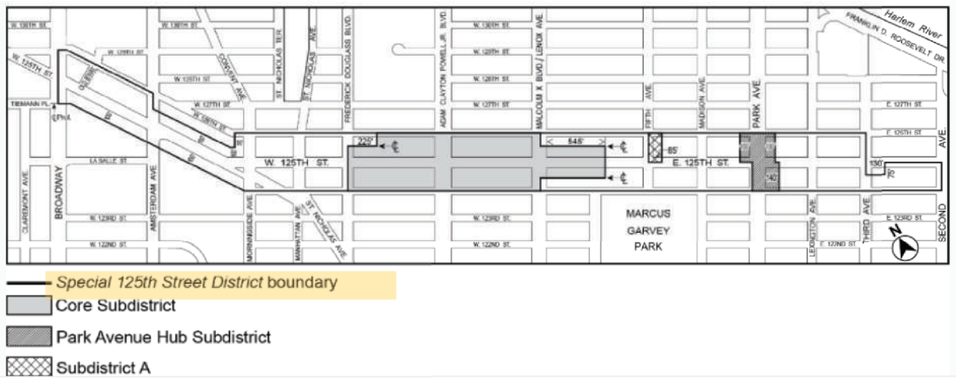
G112

Specific Regulations for 125th District:



The ***Special 125th Street District (125)*** is part of a city initiative to support and enhance 125th Street - Harlem's "Main Street" - as a major arts/entertainment destination and regional business district. The aim is to generate new mixed-use development while protecting the scale of the 125th Street corridor's commercial and historic rowhouse areas. It establishes street wall and height limits, specific rules may govern the building facade, entrance locations, and sidewalk amenities. .

TAKE AWAYS:

Street Wall Continuity: Buildings must maintain a consistent street wall along 125th Street to enhance the pedestrian experience.

Ground Floor Requirements: Active uses such as retail are encouraged on the ground floor to promote a vibrant street life.

MARQUEES:

A ***marquee*** is a permanent structure or canopy located above the primary entrance to an arts use fronting on 125th Street or Fifth Avenue. It projects over the sidewalk, attached and supported from the street wall. Even if not required, a marquee might be an aesthetic or functional addition. It identifies the arts use and provides informational displays. marquees shall be *permitted only above the primary entrance* *to one of the following* uses fronting upon 125th Street or Fifth Avenue:

Group III : museums

Group VIII : art, music, dancing or theatrical studios , and theaters

Example of marquee.

MARQUEES REQUIRENMENTS:

- project up to 15 feet over the sidewalk
- must be at least two feet from the curb
- 12-20 feet above the sidewalk
- cannot flash
- must identify the arts use
- width is limited to 50% of the building frontage or 40 feet, whichever is less

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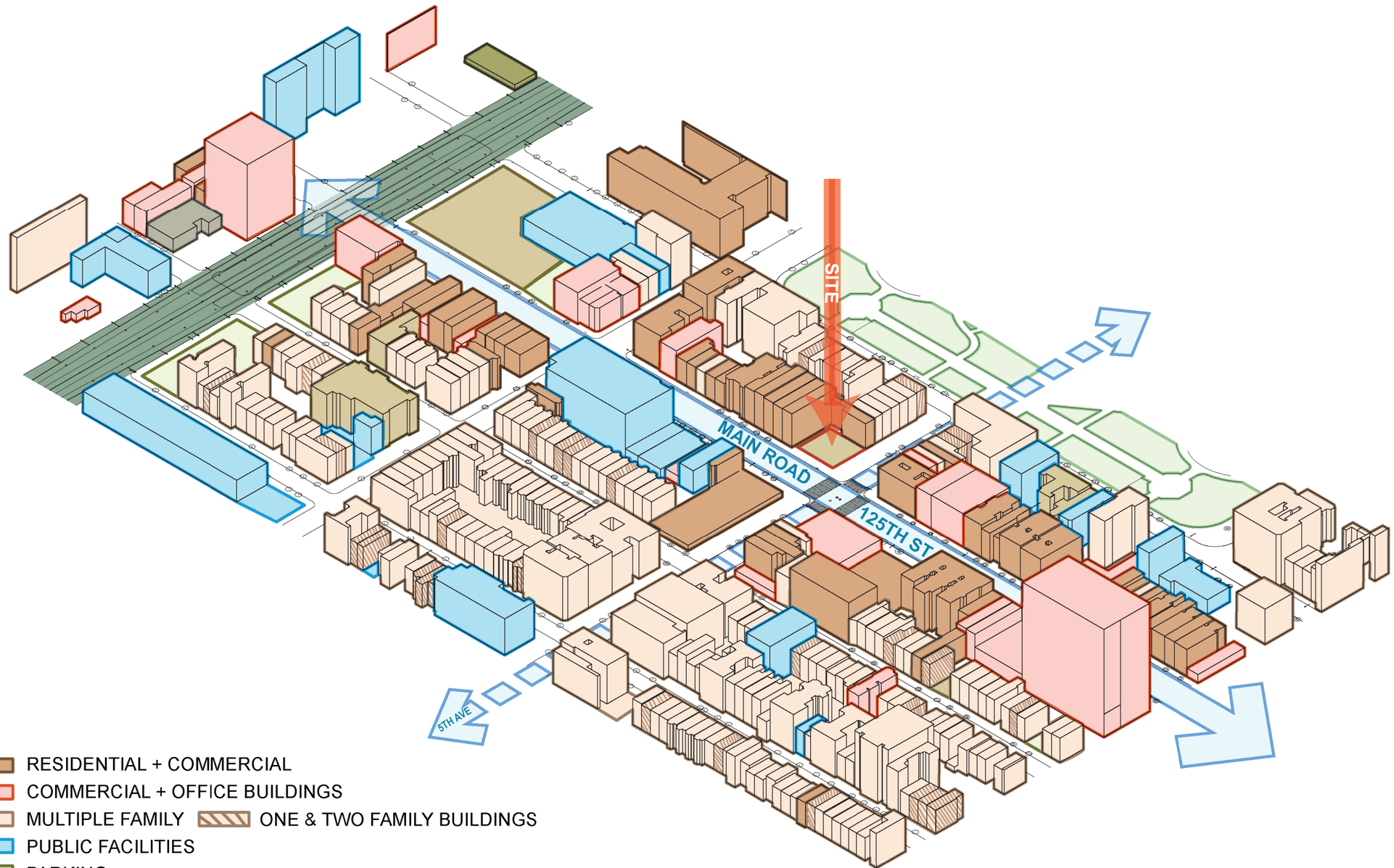
G113

LAND USE MAP



- RESIDENTIAL + COMMERCIAL
- COMMERCIAL + OFFICE BUILDINGS
- MULTIPLE FAMILY
- ONE & TWO FAMILY BUILDINGS
- PUBLIC FACILITIES
- PARKING
- EMPTY LOTS
- RAILROAD
- TRANSPORTATION & UTILITIES
- INDUSTRIAL & MANUFACTURING

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Sheet Name:

LAND USE MAP

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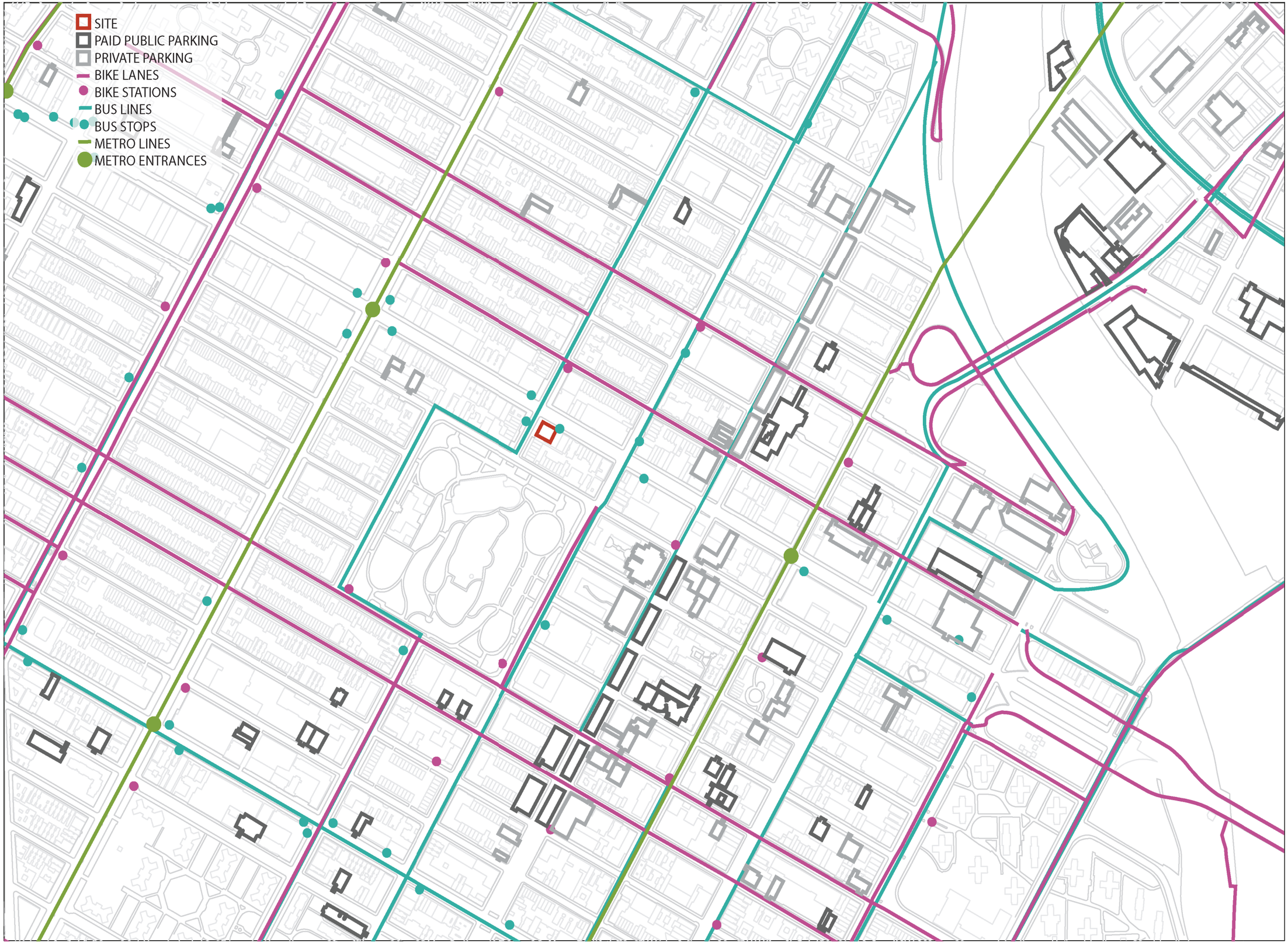
G114



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Sheet Name:

TRAFFIC/ PEDESTRIAN

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3/32= 1'-0"

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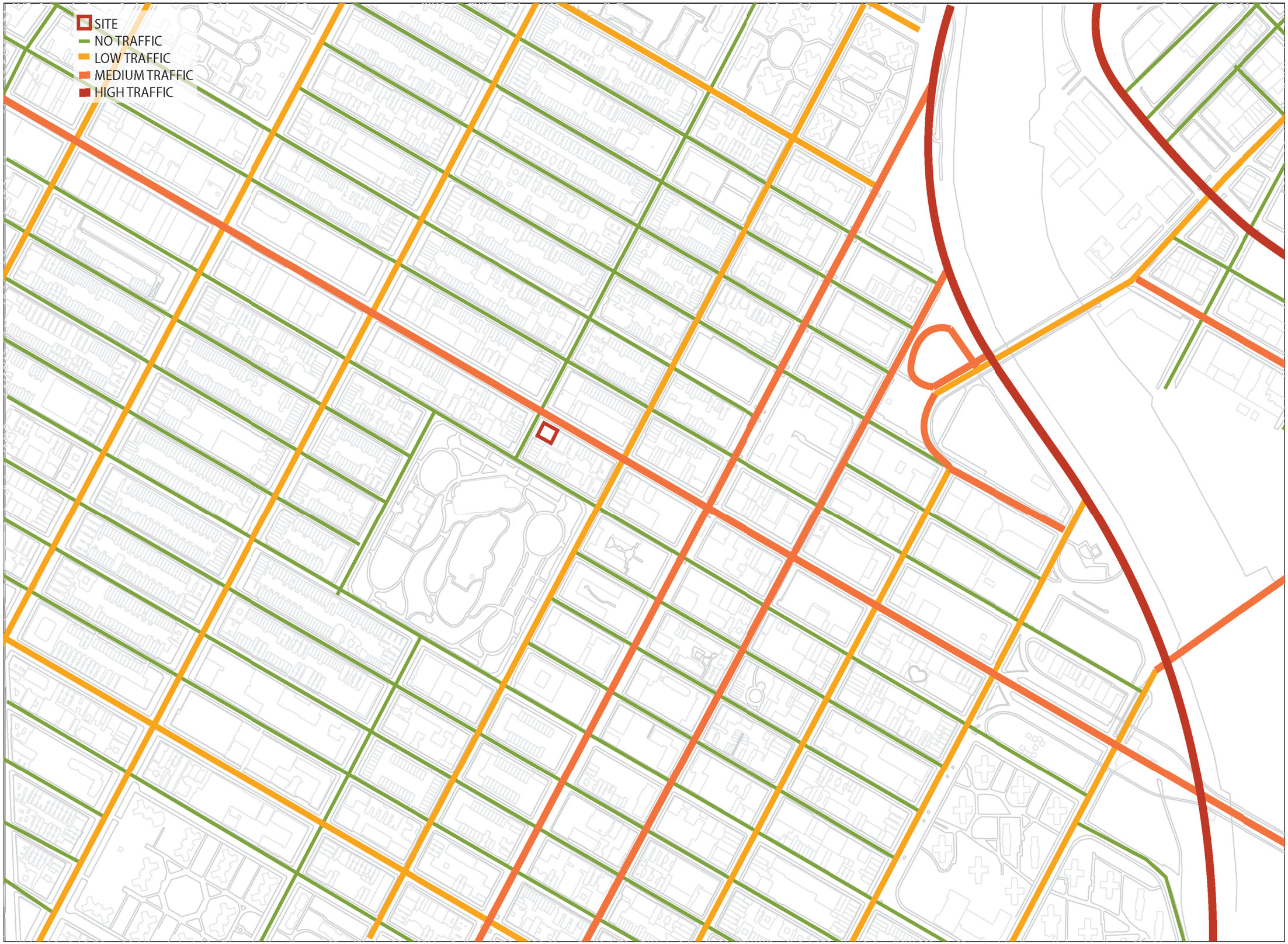
Sheet No.

G115



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LANGSTON HUGHES LITERACY CENTER

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Sheet Name:

TRAFFIC/ PEDESTRIAN

Scale:
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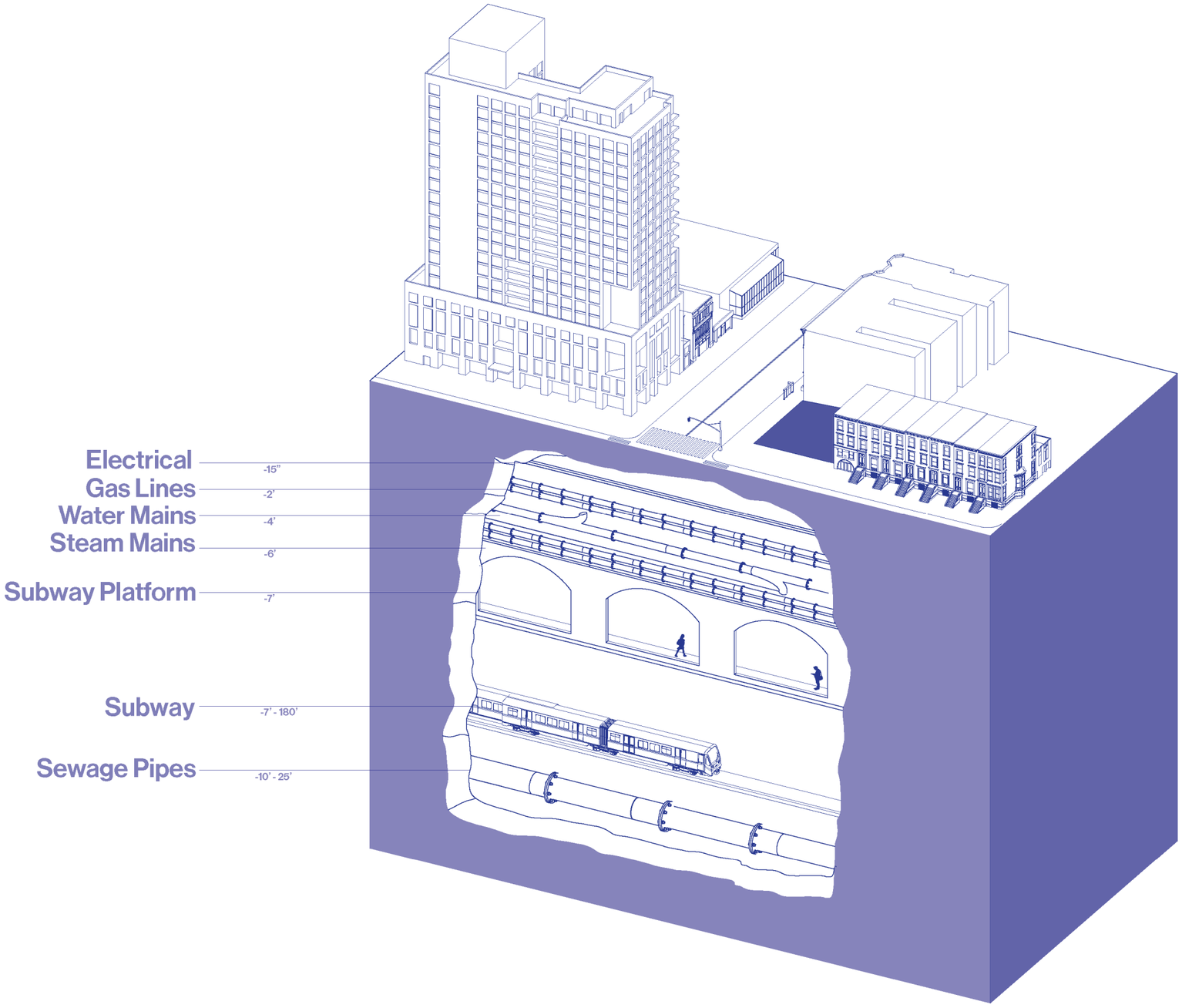
G116

Infrastructure Evaluation

New York Cross Section



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Sheet Name:

INFRASTRU-CTURE EVALUATION

Scale:
3/32= 1'-0"

Grade:

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G117

ABBREVIATIONS

General Terms:
ARCH – Architecture or Architectural
ELEC – Electrical
GEN – General
GRD – Ground
N.T.S. – Not To Scale
TBD – To Be Determined
TYP. – Typical
E.Q. – Equal
OTB- Open To Below

Dimensions & Measurement:
IN or " – Inches
FT or ' – Feet
R.O. – Rough Opening
O.C. – On Center
C.L. – Centerline

Materials:
AL - Aluminum
CONC – Concrete
C.M.U. – Concrete Masonry Unit
G.W.B. – Gypsum Wall Board
F.R.P - Fiber Reinforced Polymer

ARCHITECTURAL GENERAL NOTES

1. Scope of Work
- The Contractor shall execute all work as outlined in the drawings and specifications, including all construction, demolition, site preparation, finishing, and installations.
- The Contractor shall ensure that all work complies with local building codes, regulations, and project specifications.

2. Dimensions
- The Contractor shall verify all dimensions in the field prior to commencing construction. Any discrepancies between the drawings and actual site conditions shall be immediately reported to the Architect for clarification.
- The Contractor shall not scale the drawings and must use the written dimensions for construction.

3. Building Codes
- The Contractor shall ensure that all work complies with the latest edition of the International Building Code (IBC), National Fire Protection Association (NFPA) standards, ADA (Americans with Disabilities Act), and any other applicable local, state, or federal codes.
- The Contractor shall refer to the code analysis provided by the Architect and incorporate all required compliance measures.

4. Materials
- The Contractor shall use only the materials specified in the project specifications, or approved equals, as directed by the Architect.
- The Contractor shall handle, store, and install all materials according to the manufacturer's instructions and in accordance with industry standards.

5. Workmanship
- The Contractor shall ensure that all work is performed by skilled tradesmen in accordance with industry standards and the requirements outlined in the design documents.
- The Contractor shall seek clarification from the Architect before proceeding with any work in the event of discrepancies or uncertainties regarding the design or specifications.

6. Structural and MEP Coordination
- The Contractor shall coordinate all architectural, structural, mechanical, electrical, and plumbing elements to ensure they function as intended and fit properly within the design.
- The Contractor shall immediately report any conflicts or issues between systems to the Architect for resolution prior to proceeding with construction.

7. Site Conditions
- The Contractor shall verify all site conditions before starting construction, including plot dimensions, existing utilities, topography, and other pertinent site details.
- Any conditions that may affect the construction process shall be promptly reported to the Architect for evaluation

8. Accessibility
- The Contractor shall ensure that the design complies with the Americans with Disabilities Act (ADA) and other relevant accessibility standards throughout the project.
- The Contractor shall ensure that all doors, corridors, ramps, and parking areas meet the minimum design and size requirements for accessibility.

9. Utilities and Services
- The Contractor shall coordinate the installation of all utilities, including electrical, plumbing, HVAC, and data services, ensuring proper routing and connections as indicated in the drawings.
- The Contractor shall ensure that all connections to public utilities comply with local utility regulations and standards.

10. Hazardous Materials
- The Contractor shall immediately notify the Architect if hazardous materials such as asbestos or lead are discovered during demolition or construction.
- The Contractor shall follow all local, state, and federal regulations for the safe removal and disposal of hazardous materials.

11. Cleanliness and Safety
- The Contractor shall maintain a clean and safe work environment at all times, including securing the construction site and installing necessary safety barriers as required.
- The Contractor shall ensure compliance with OSHA regulations and all other applicable safety standards during the course of the project.

12. Submittal and Approvals
- The Contractor shall submit all shop drawings, product data, material samples, and other required submittals to the Architect for review and approval before proceeding with any related work.
- The Contractor shall not proceed with any work until all necessary submittals have been approved by the Architect.

13. Site Inspection and Testing
- The Contractor shall allow for periodic inspections by the Architect or the Architect's representative to verify that the work is proceeding as per the approved design documents.
- The Contractor shall conduct or facilitate any necessary testing of materials, systems, or structural components to verify compliance with the project specifications and codes.

14. Completion and Handover
- The Contractor shall complete all work in a clean, safe, and fully functional condition, ensuring that all systems are operational and the building is ready for occupancy.
- The Contractor shall schedule a final inspection with the Architect to review the completed project before the handover.

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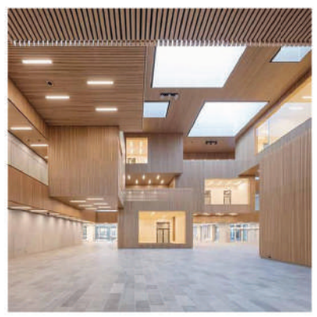
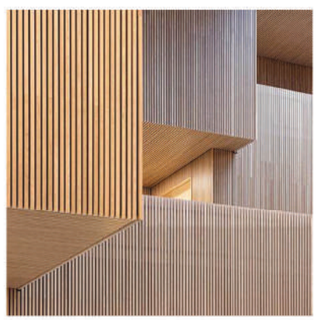
A000

PRECEDENTS

BIOSPHERE AT TECHNICAL UNIVERSITY OF DENMARK





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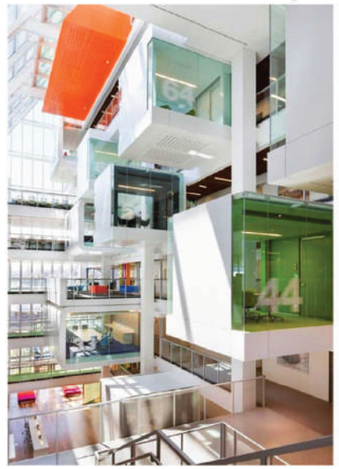
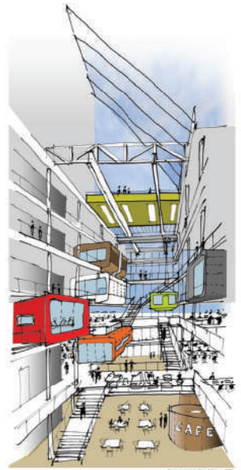
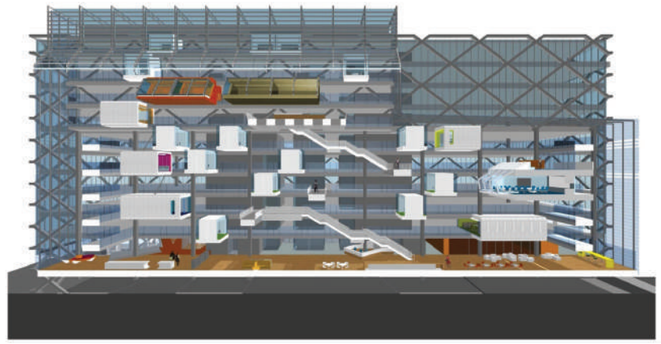
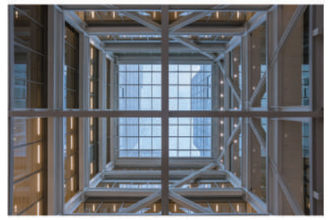
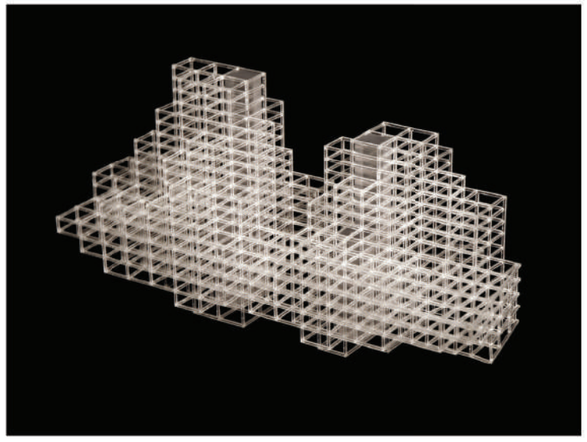






OMA TIMMERHUIS NETHERLANDS





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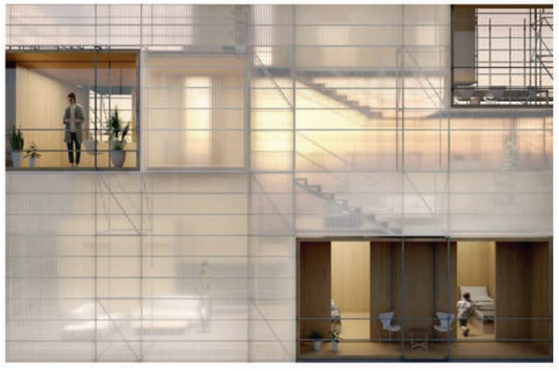
A001

FACADE DESIGN



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A002

The Langston Hughes Literacy Center emphasizes the dynamic relationship between its architecture and the human experiences it nurtures. By considering New York's seasonal variations, the design ensures that the center remains vibrant and inviting throughout the year. The facade was solely meant to be this threshold that envelopes the programs and activities protecting them from New York's environment.

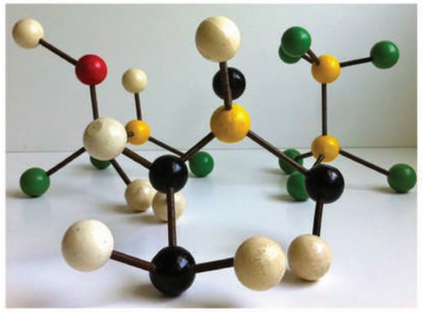
Once inside, the open layout promotes interaction and engagement, with sightlines that allow users to connect with other spaces within the center. This visual connectivity enhances the sense of community and encourages exploration. The thoughtful circulation routes guide visitors through diverse areas, fostering discovery and interaction.

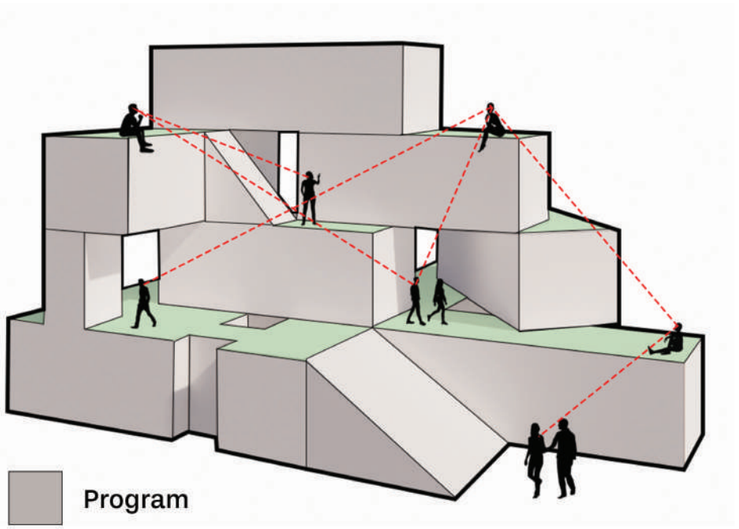
Positioned above the atrium, the library offers a tranquil retreat, providing an elevated perspective of Harlem while still maintaining a sense of connection to the bustling activities below. This layered design not only enhances privacy but also enriches the overall experience of the center, ensuring it remains a lively hub regardless of the season or time of day.

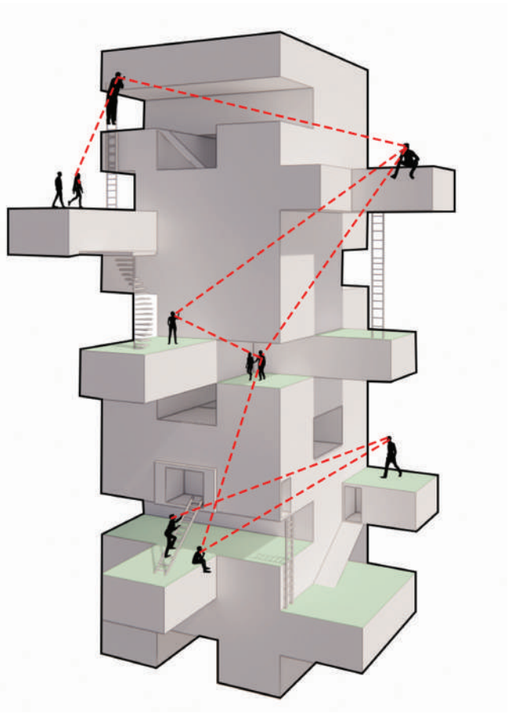
Legos

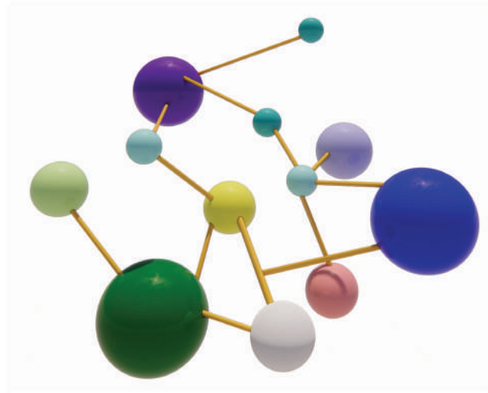
Jenga Blocks

Molecule Model









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LANGSTON HUGHES LITERACY CENTER

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CONCEPT

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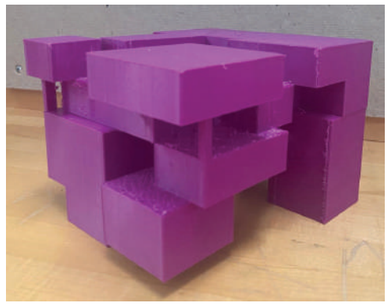
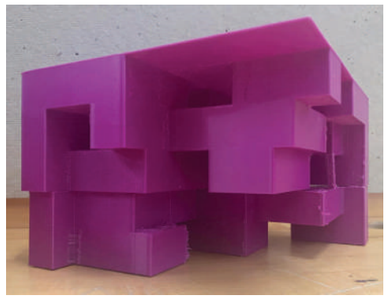
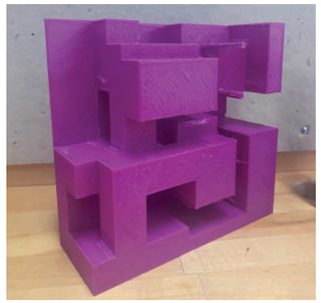
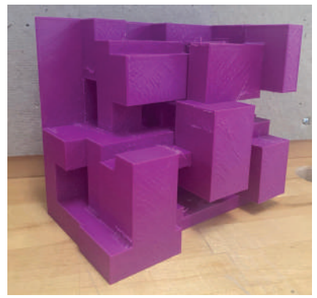
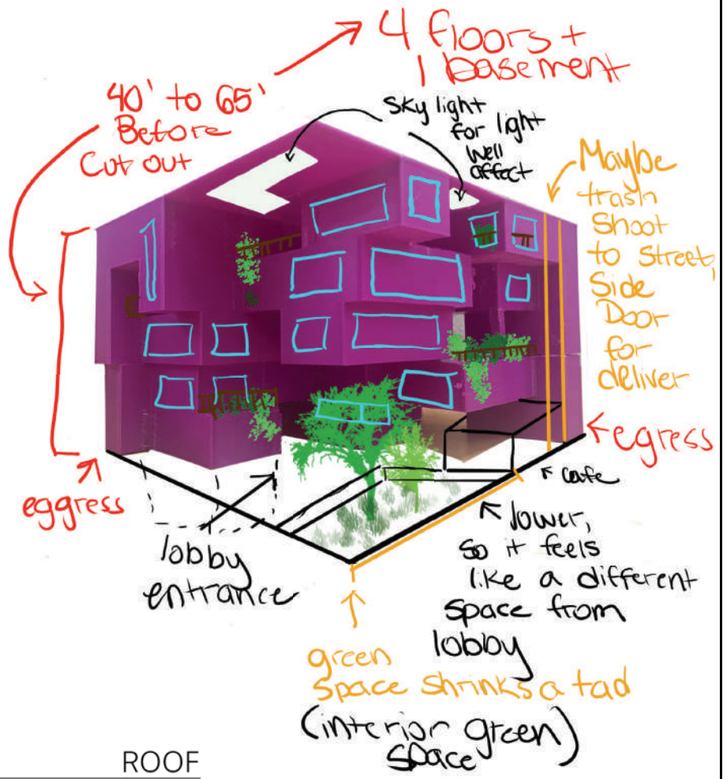
A003











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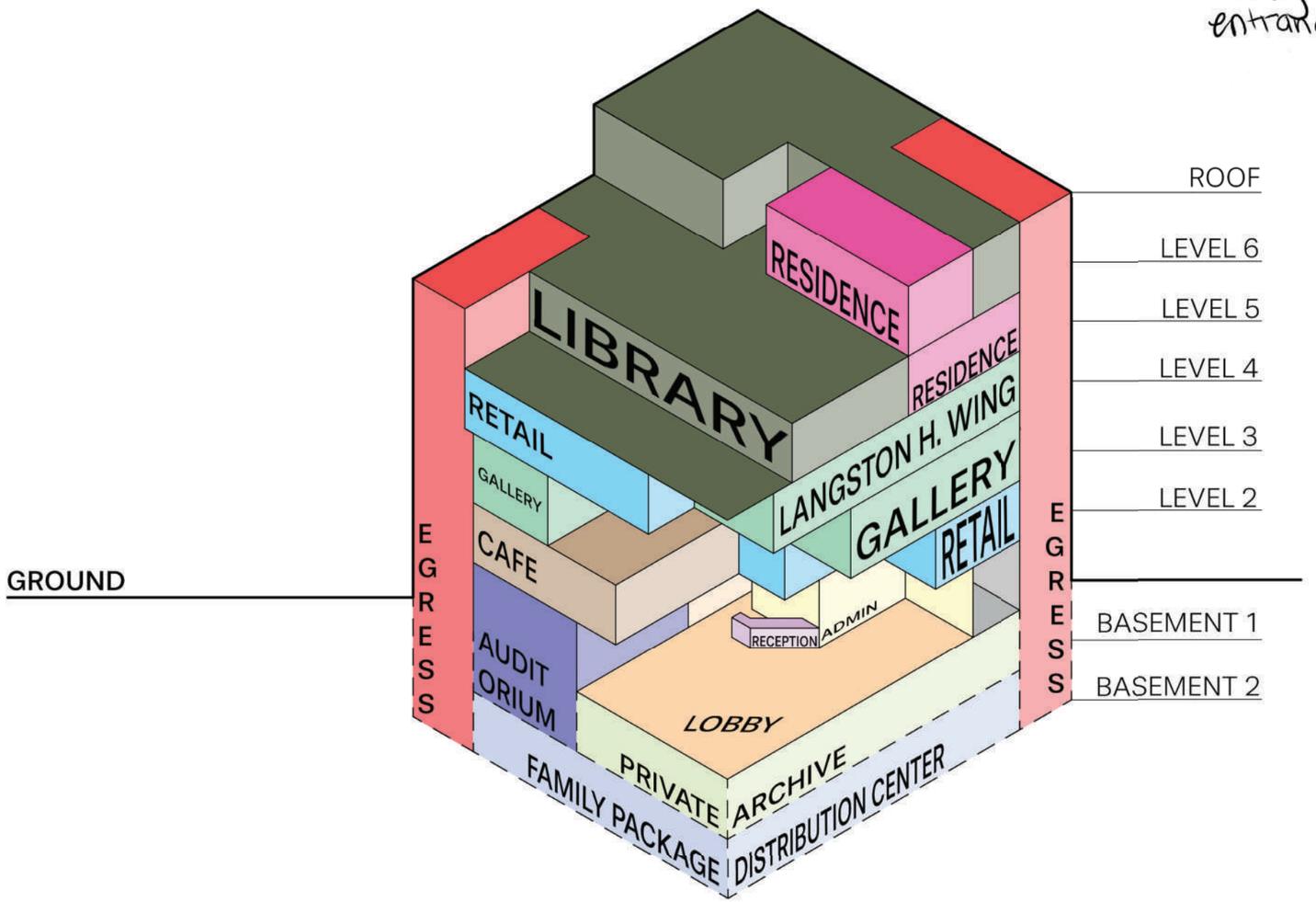

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PROCESS MODELS

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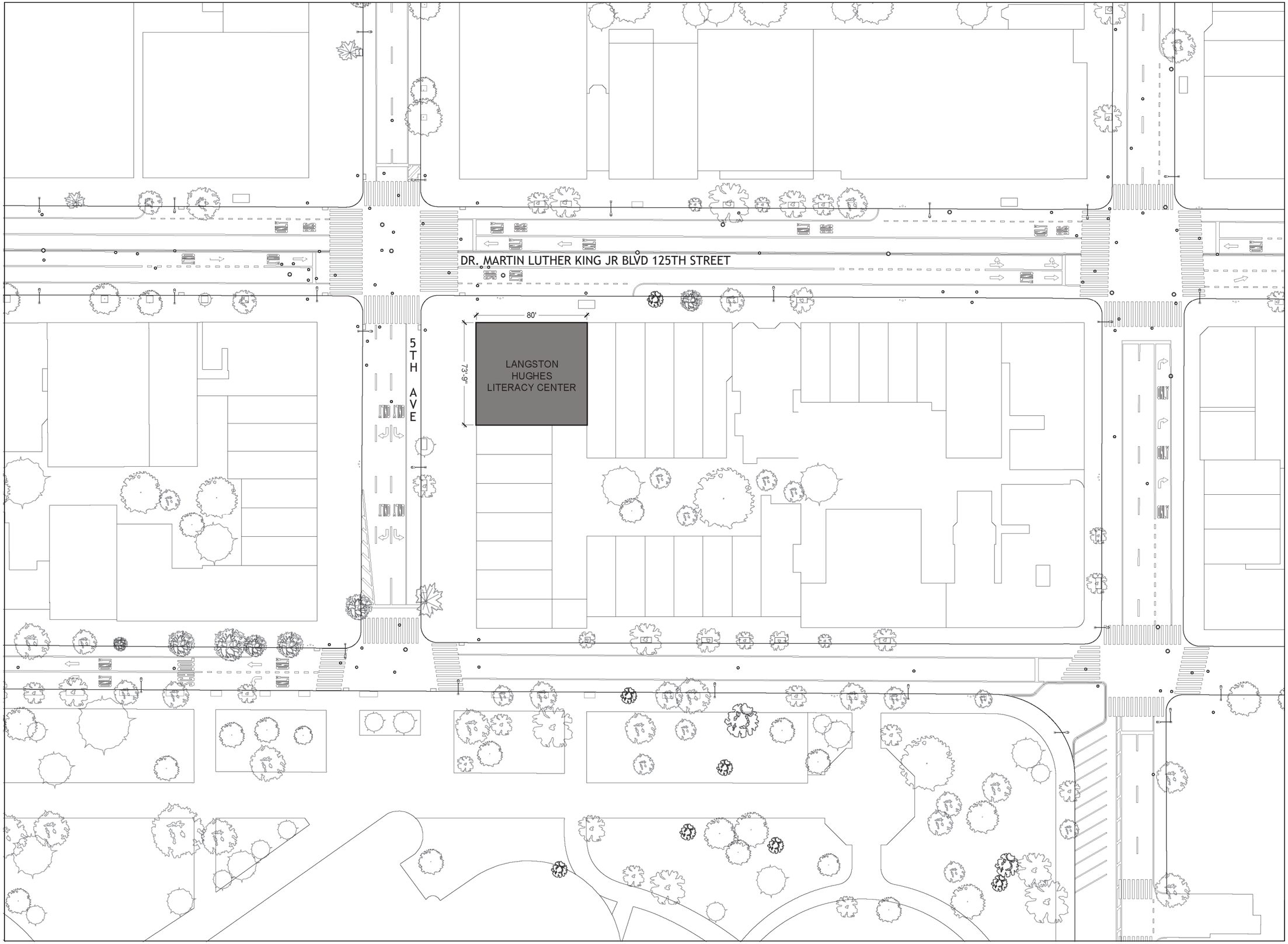

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Sheet Name:

SITE PLAN

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12/13/24

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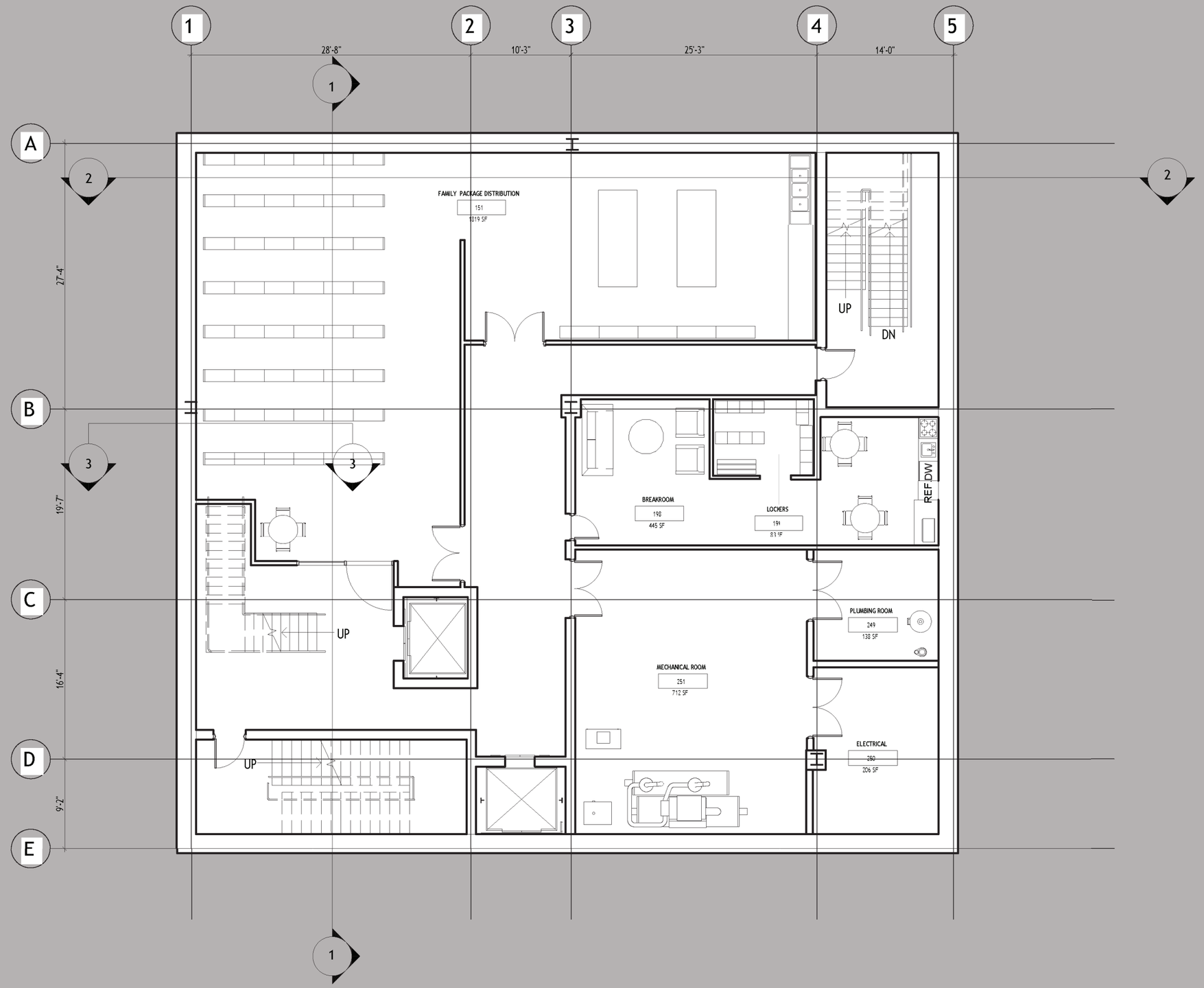

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Sheet Name:

BASEMENT TWO PLAN

Scale:
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12/13/24

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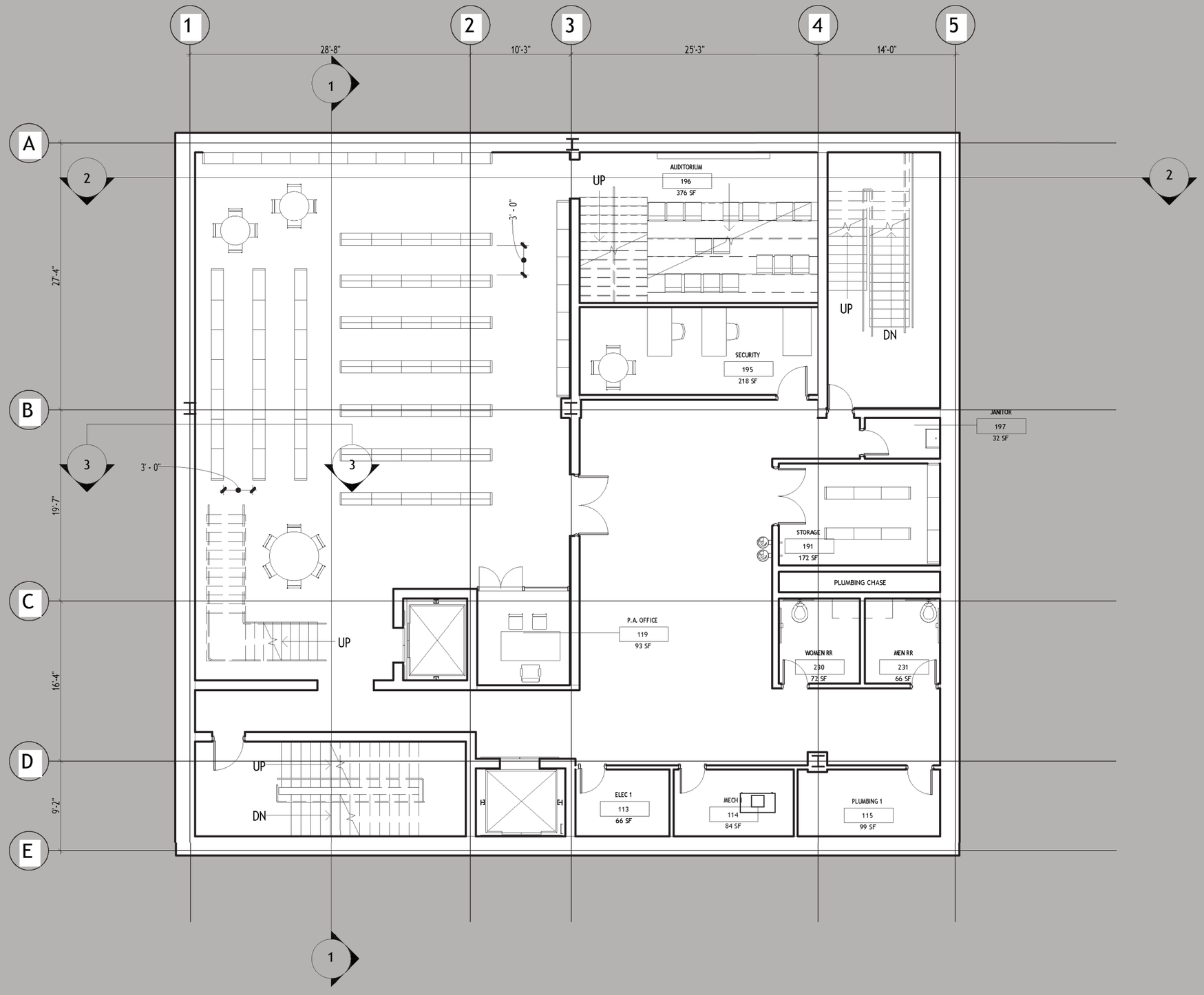

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LANGSTON HUGHES LITERACY CENTER

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Sheet Name:

BASEMENT ONE PLAN

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12/13/24

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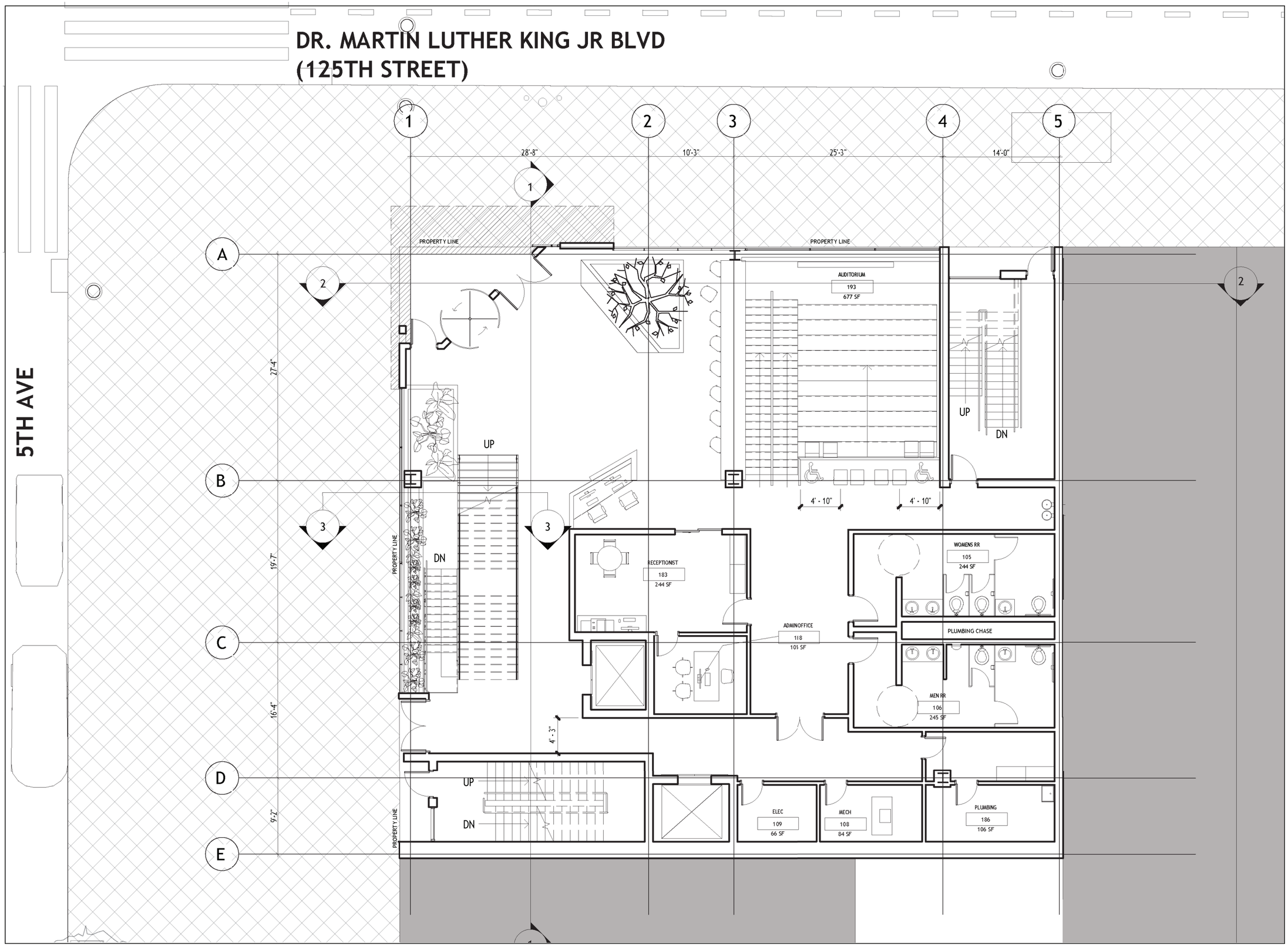

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Sheet Name:

GROUND FLOOR PLAN

Scale:
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Grade:

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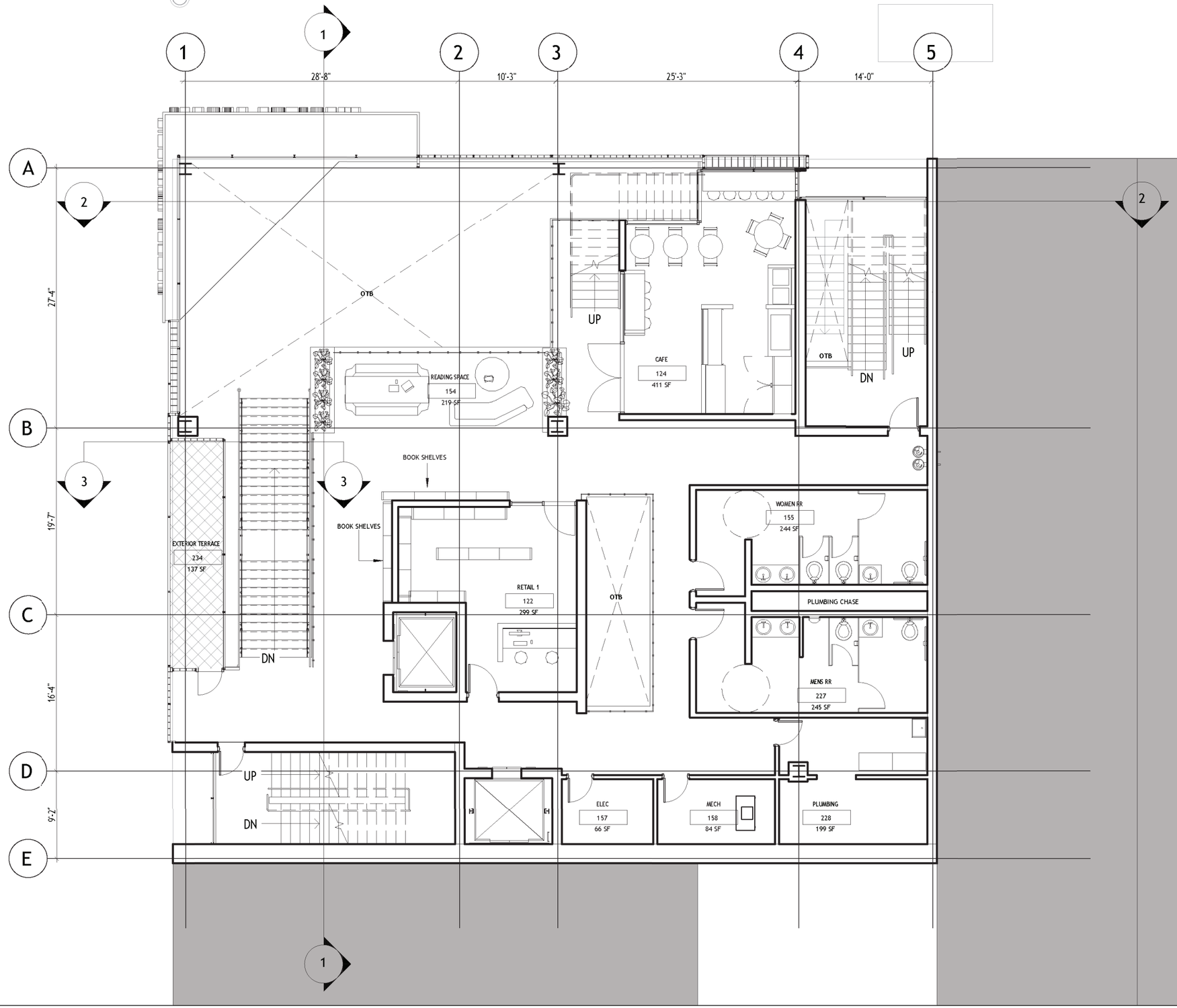

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LANGSTON HUGHES LITERACY CENTER

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Sheet Name:

SECOND FLOOR PLAN

Scale:
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12/13/24

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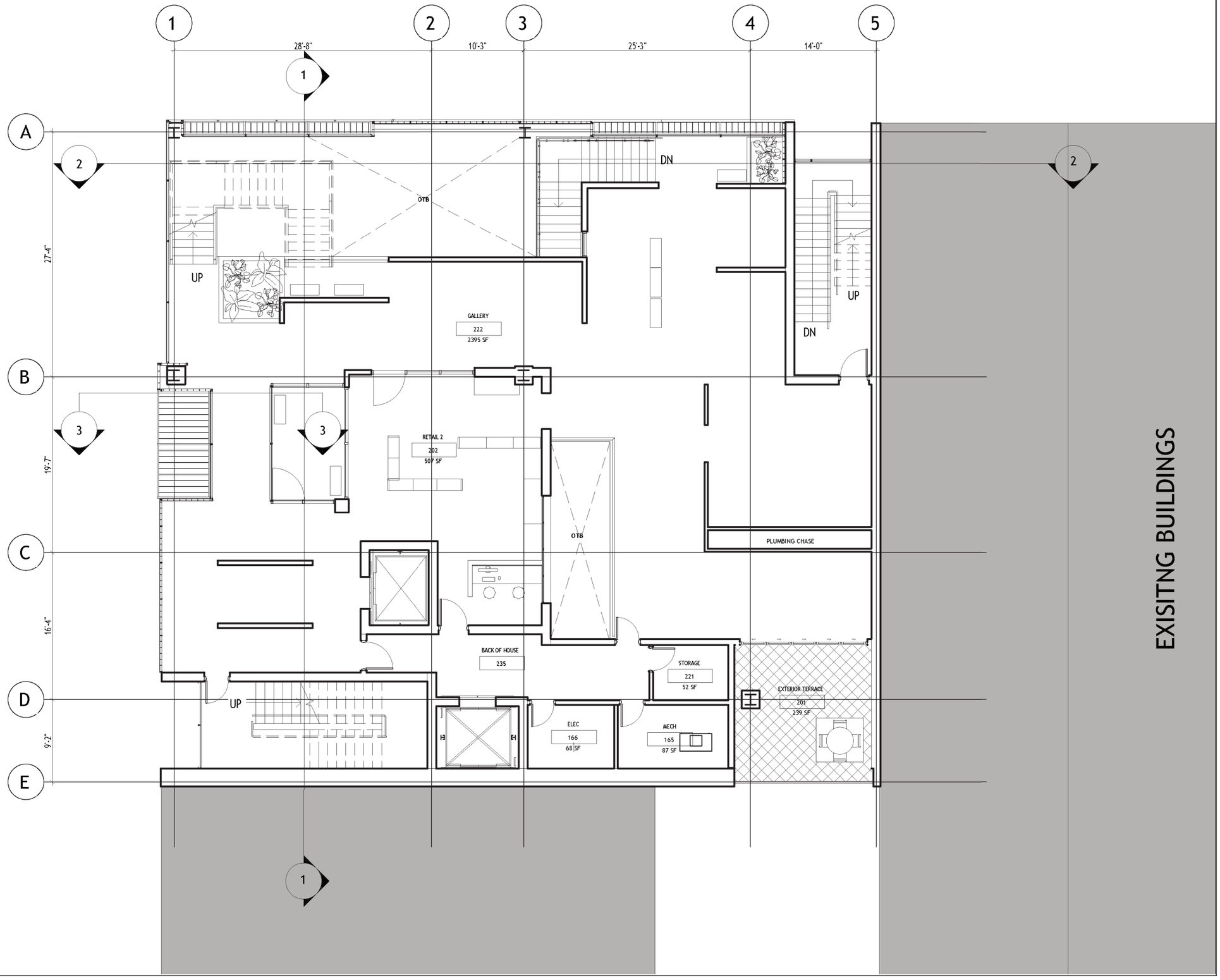
A104



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Sheet Name:

THIRD FLOOR PLAN

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3/32= 1'-0"

Grade:

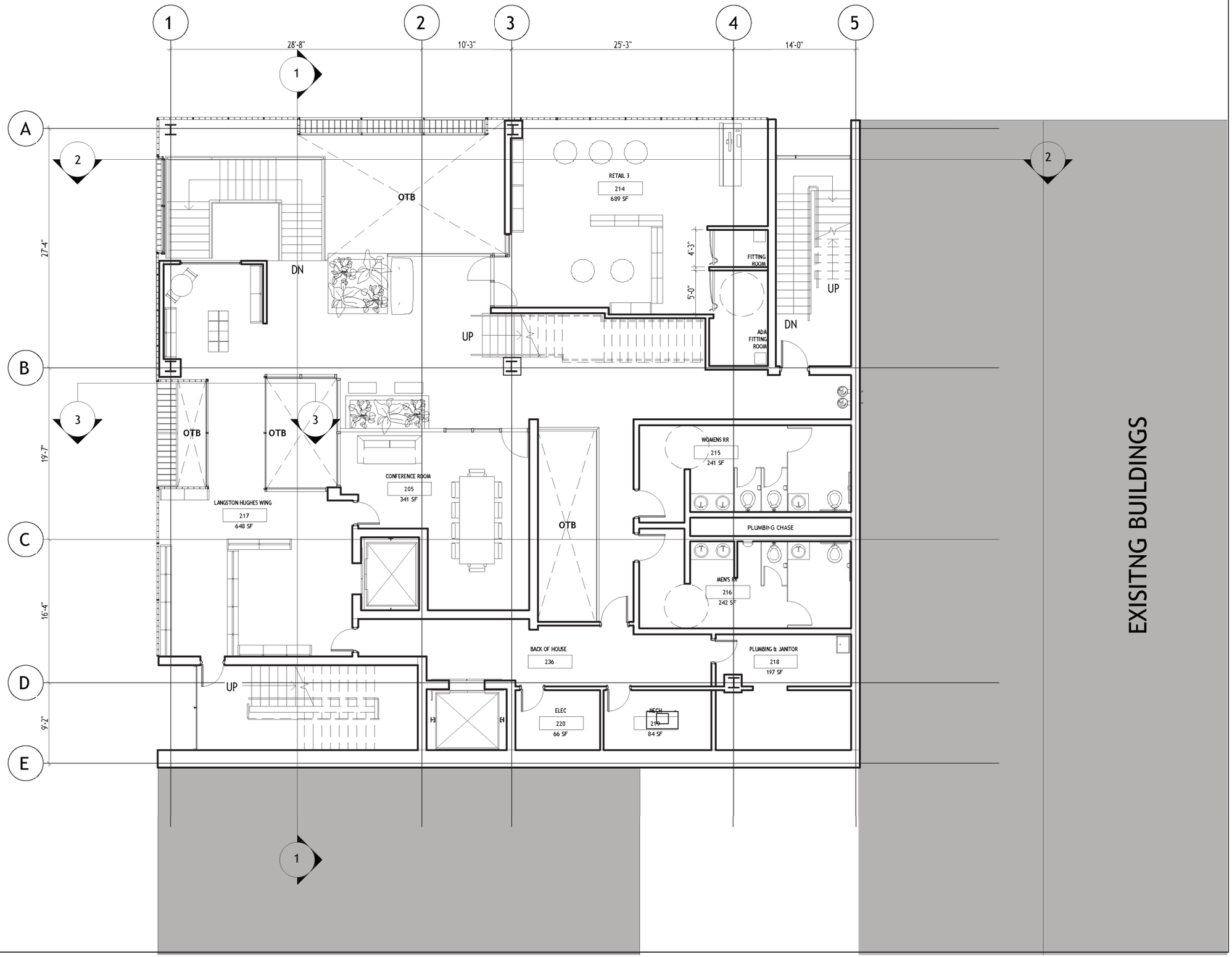
12/13/24

Natasha Overn

N

Sheet No.

A105



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Fall 2024

LANGSTON HUGHES LITERACY CENTER

2015 5TH AVE,
NEW YORK, NY 10035

Sheet Name:

FOURTH FLOOR PLAN

Scale:
3/32= 1’-0”

Grade:

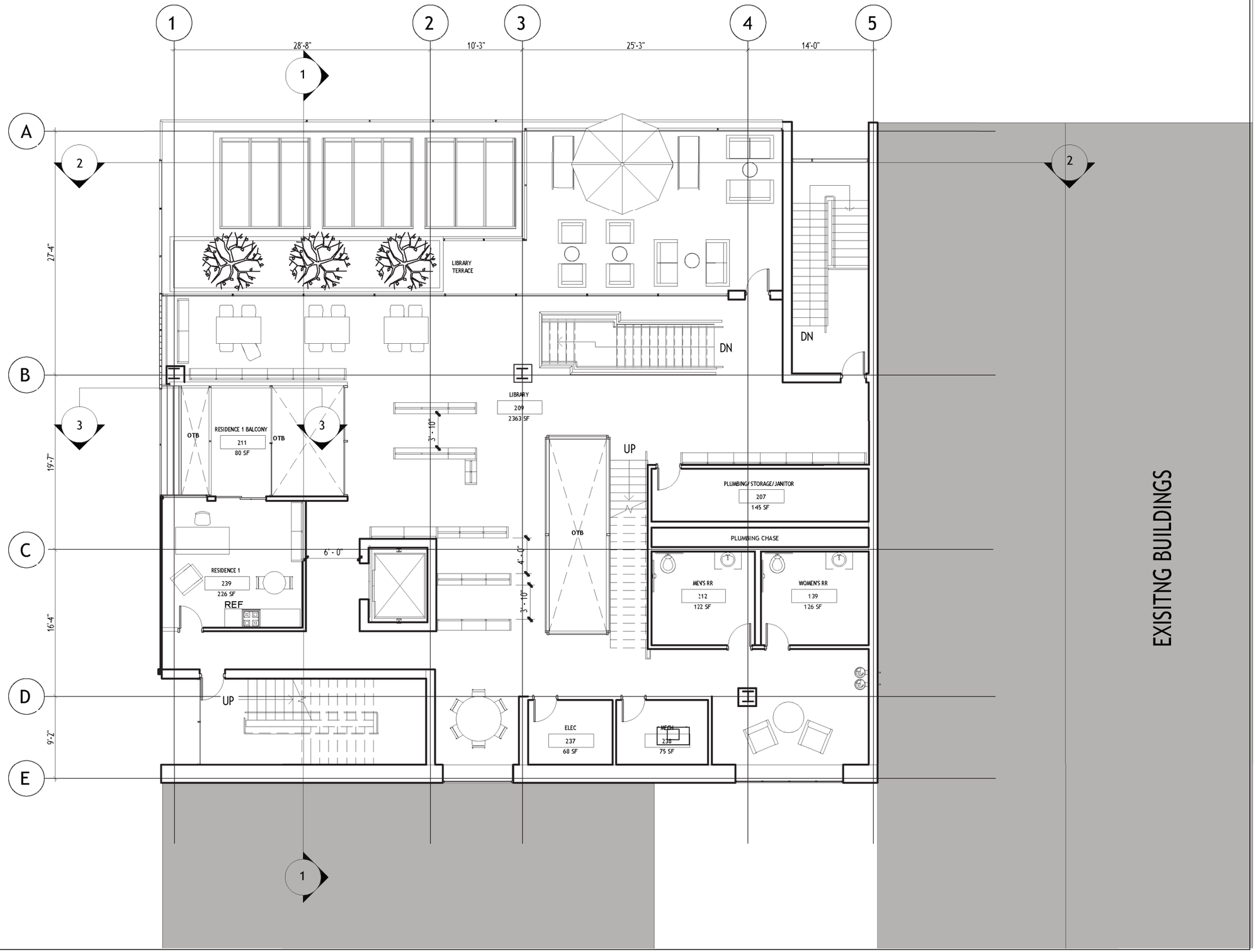
12/13/24

Natasha Overn

N

Sheet No.

A106



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NEW YORK, NY 10035

Sheet Name:

FIFTH FLOOR PLAN

Scale:
3/32= 1'-0"

Grade:

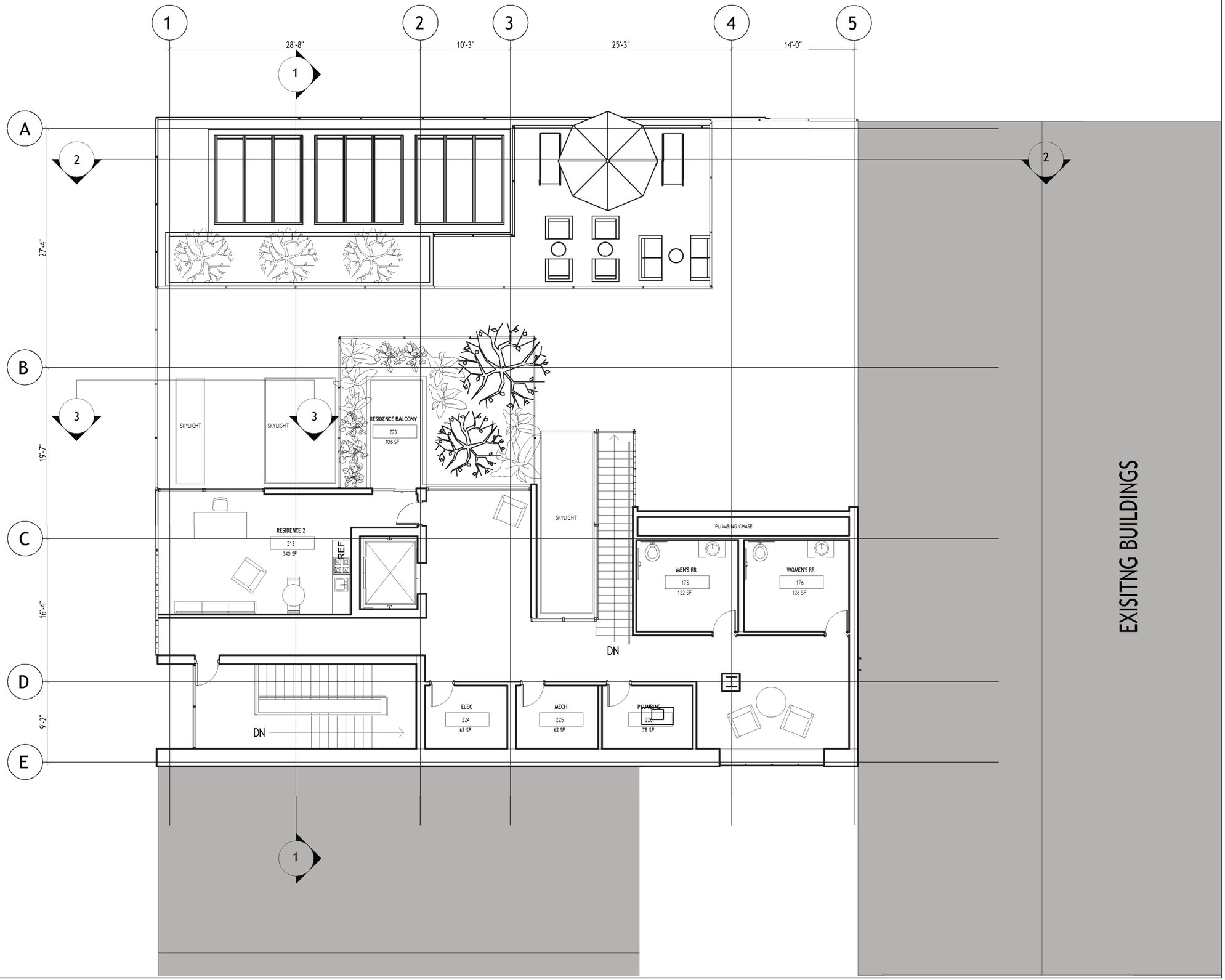
12/13/24

Natasha Overn

N

Sheet No.

A107



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LANGSTON HUGHES LITERACY CENTER

2015 5TH AVE,
NEW YORK, NY 10035

Sheet Name:

SIXTH FLOOR PLAN

Scale:
3/32= 1'-0"

Grade:

12/13/24

Natasha Overn

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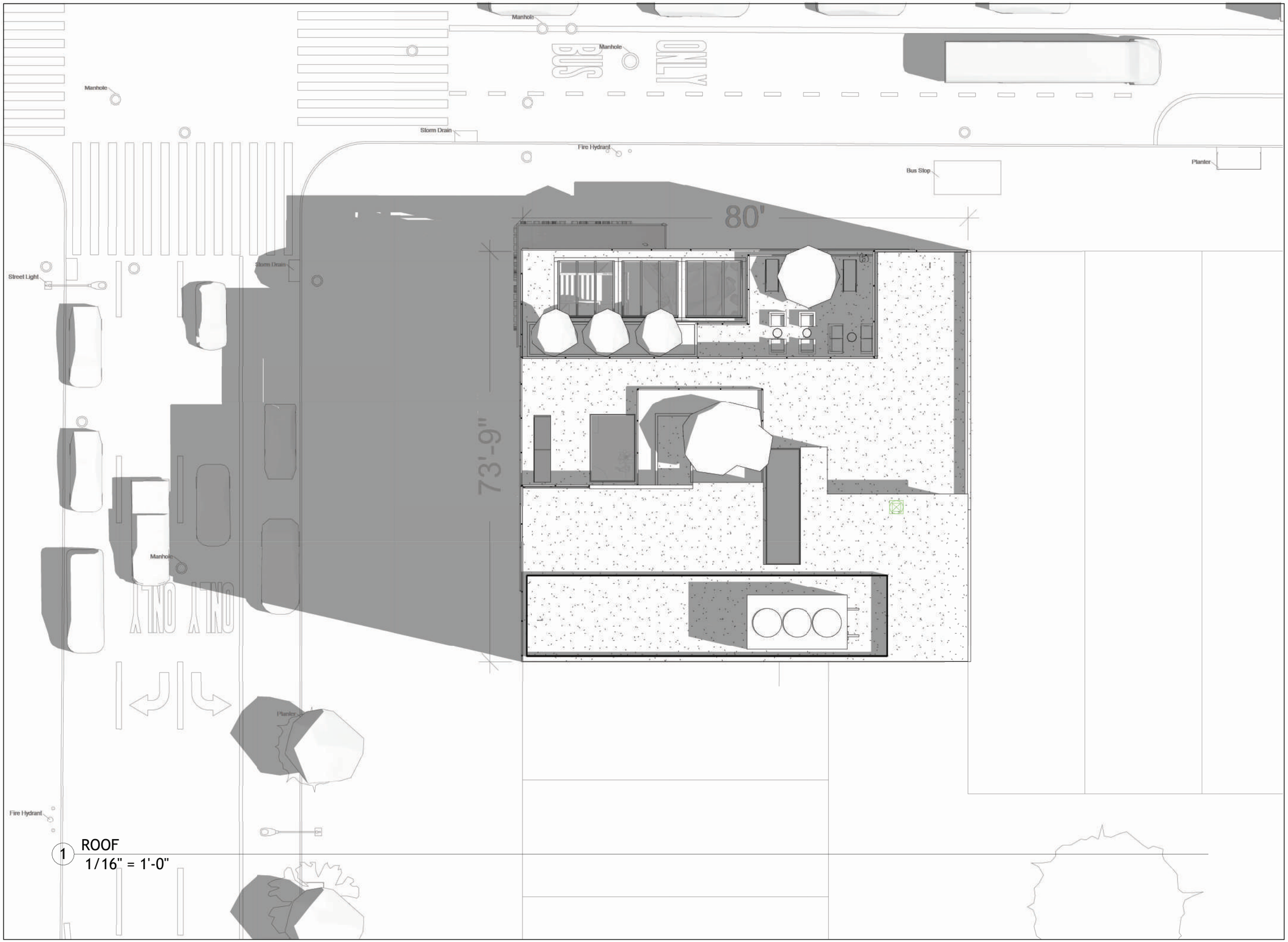
Sheet No.

A108



1 ROOF
1/16" = 1'-0"

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Sheet Name:

ROOF PLAN

Scale:
1/16" = 1'-0"
Grade:

09/27/24

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N

Sheet No.

A109

1 ELEVATION ON 125TH
3/32" = 1'-0"

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Sheet Name:

NORTH ELEVATION

Scale:
3/32" = 1'-0"
Grade:

12/13/24

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Sheet No.

A200

1 5TH AVE ELEVATION
3/32" = 1'-0"

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LANGSTON HUGHES LITERACY CENTER

2015 5TH AVE,
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Sheet Name:

WEST ELEVATION

Scale:
3/32" = 1'-0"
Grade:

12/13/24

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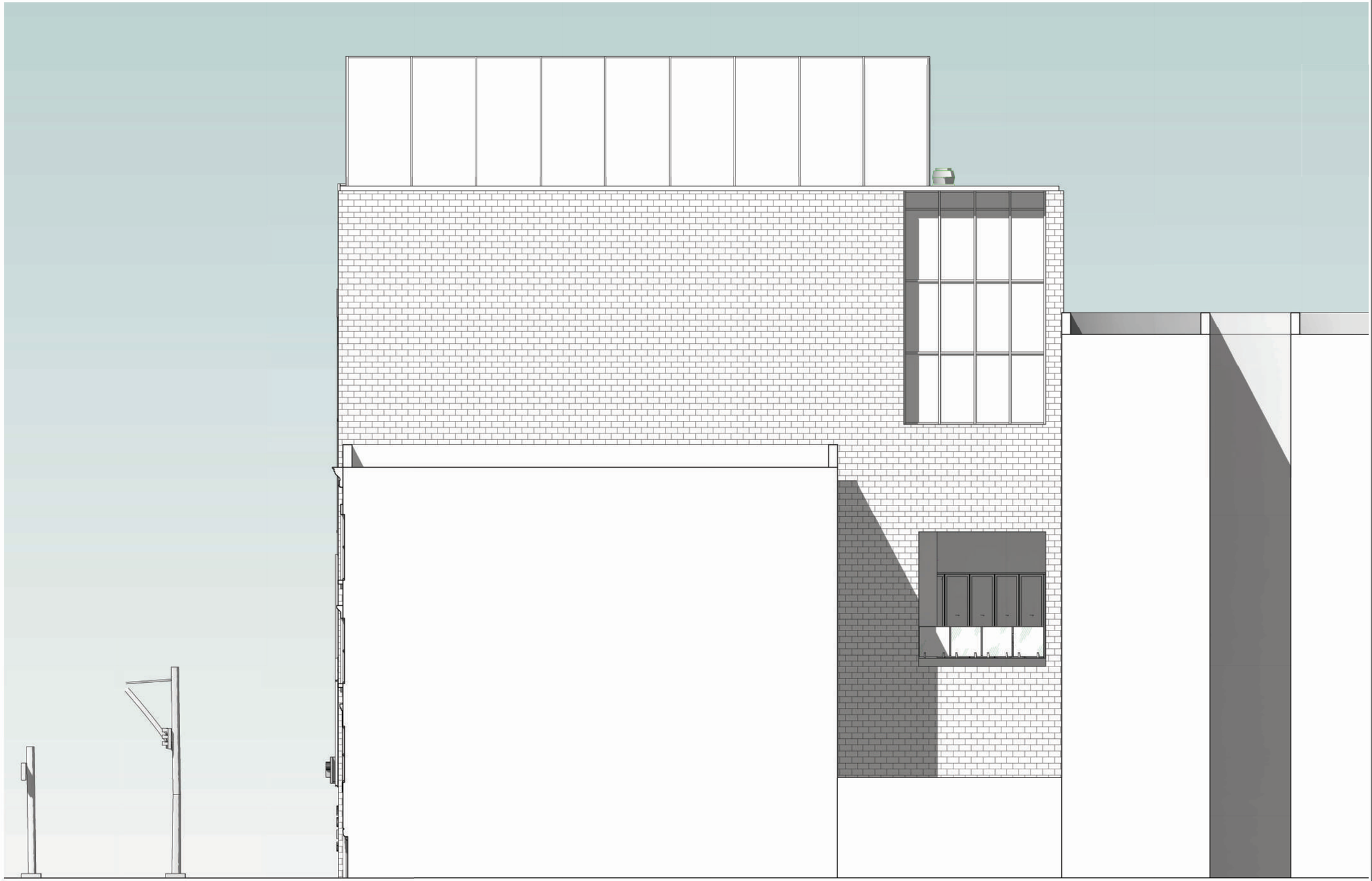
N

Sheet No.

A201



1 SOUTH ELEVATION
3/32" = 1'-0"

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Architecture

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LANGSTON HUGHES LITERACY CENTER

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Sheet Name:

SOUTH ELEVATION

Scale:
3/32" = 1'-0"
Grade:

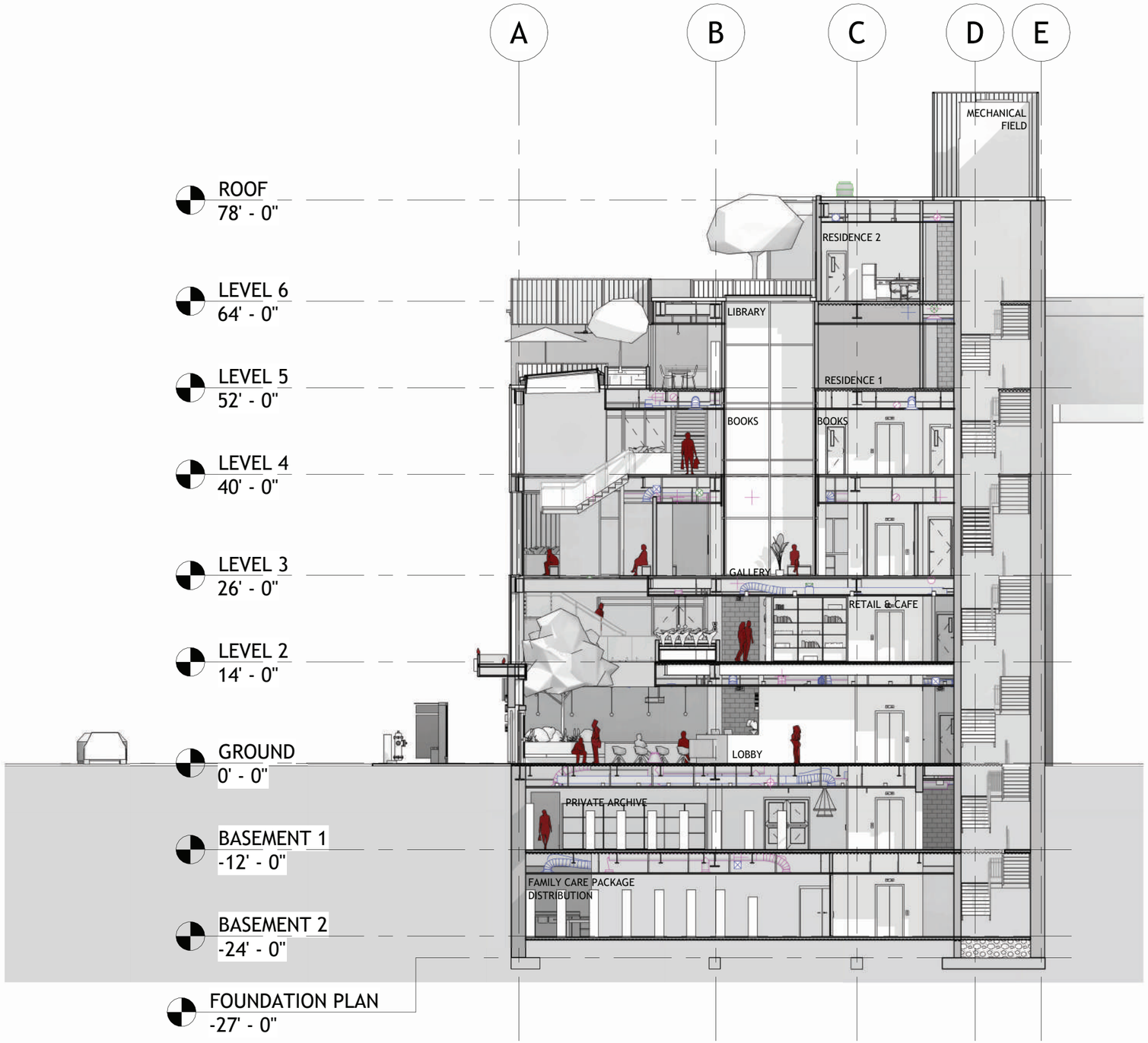
03/31/22

Natasha Overn

N

Sheet No.

A202



1 Section 1
1/16" = 1'-0"

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Sheet Name:

SECTION 1

Scale:
1/16" = 1'-0"
Grade:

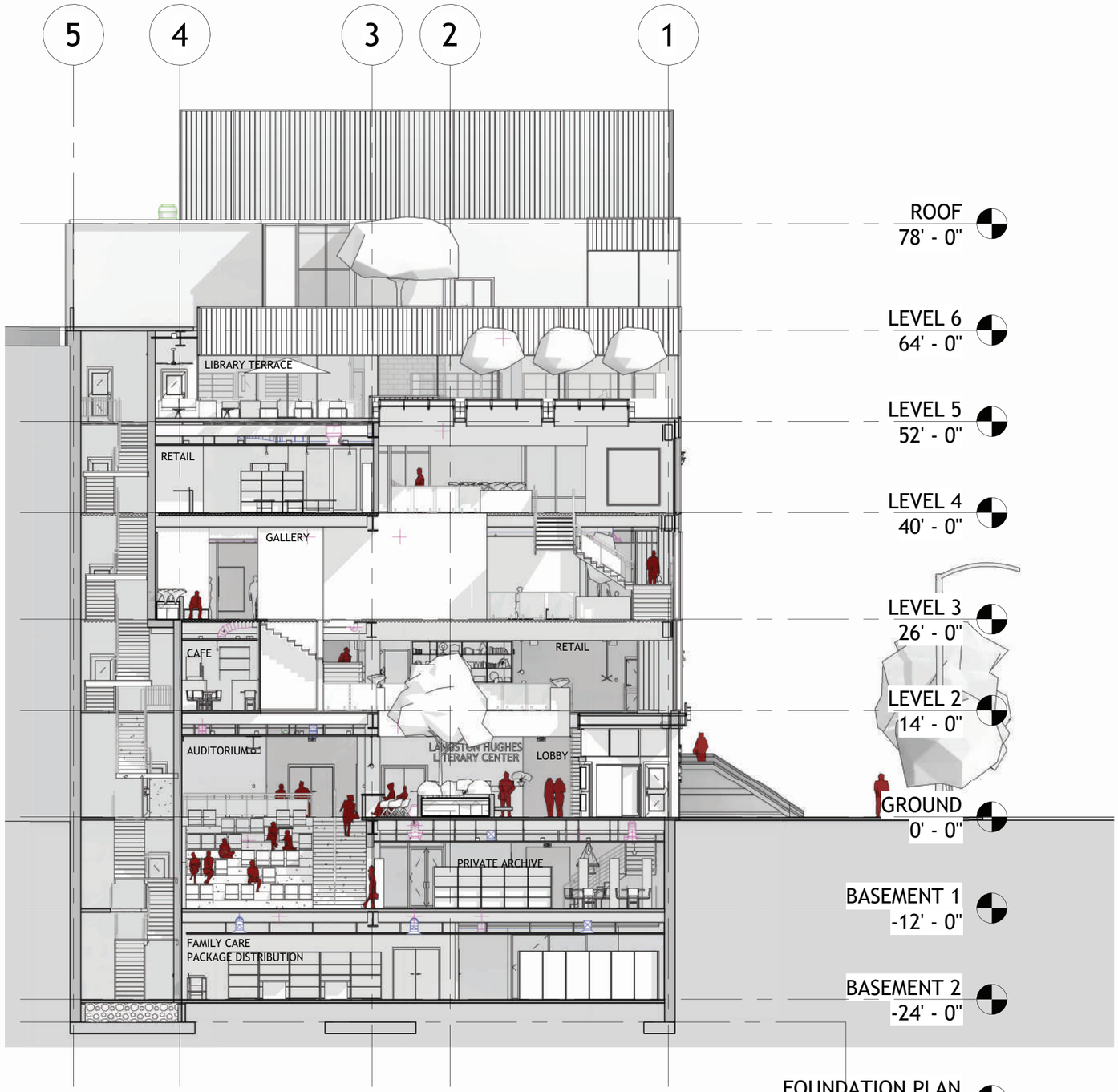
12/13/24

Natasha Overn

N

Sheet No.

A300



1 Section 2
1/16" = 1'-0"

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Architecture

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LANGSTON HUGHES LITERACY CENTER

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Sheet Name:

SECTION 2

Scale:
1/16" = 1'-0"
Grade:

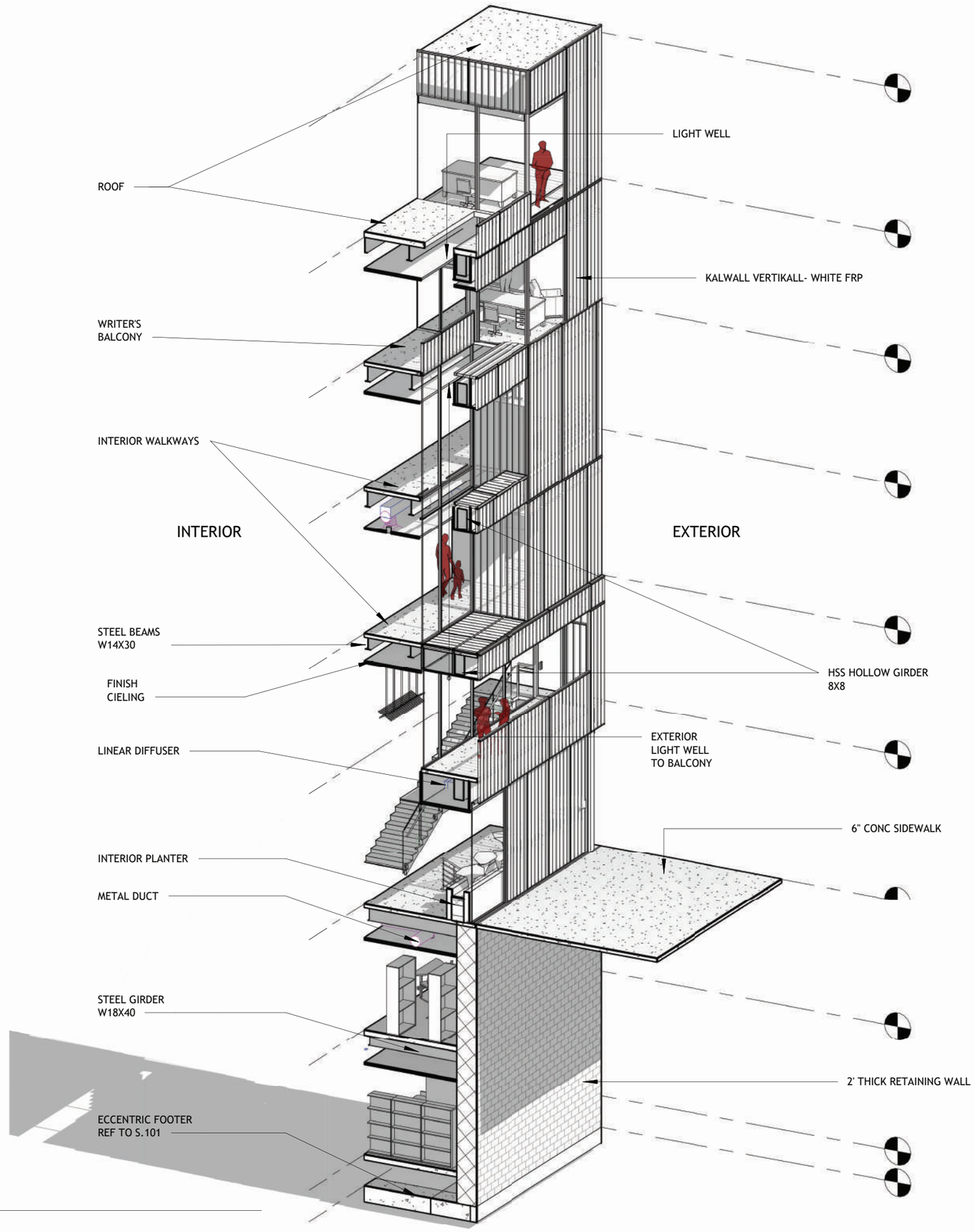
11/03/22

Natasha Overn

N

Sheet No.

A301



1 DETAIL AXON

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NEW YORK, NY 10035

Sheet Name:

DETAILED AXON

Scale:

Grade:

10/21/24

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N

Sheet No.

A401

FACADE MATERIAL SPECIFICATIONS

KALWALL VERTIKAL– WHITE

Aluminum or thermally broken FRP (Fiber-Reinforced Polymer) & aluminum grid core

Interior shatterproof FRP face sheets

Translucent insulation

Exterior color stable, erosion barrier

Kalwall Weatherable Surface (KWS) protective coating

MATERIAL TECHNOLOGY

- UV Blocking
- Visible Light Transmission (VLT): 3%–50%
- Solar Heat gain coefficient from .65 to .10

- Use Cabot's Lumira Aerogel (particles that provide thermal insulation and light diffuson.
- U Factors between .53–.05. Optimal for prevention of heat loss

- Comprised of thermoset FRP & aluminum that does not melt.
- FRP is formulated to meet finish, flame, and smoke code requirement.

- Kalwall Weatherable Coating helps with UV resistance and self cleaning of the panels.
- Graffit Resistant

Verti-kal Grid Cores are spaced at a nominal spacing of 8 inches, which is typical.

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Sheet Name:

WALL TYPE

Scale:
3/32= 1'-0"

Grade:

12/13/24

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N

Sheet No.

A402

LEGEND

MEANS OF REMOTENESS

1. THE DIAGONAL DISTANCE (D)= 108'-11" THERE WILL BE A SPRINKLER SYSTEM. USE $\frac{1}{3}$=d, SO THE DISTANCE BETWEEN THE STAIRS IS 36'-4".
2. THE ACTUAL DESIGNED DISTANCE BETWEEN STAIRS IS 76'-0".

LIFE SAFETY LEGEND

- EXIT SIGN
- EMERGENCY EXIT LIGHTS & EXIT SIGN (COMBO), ON BATTERY BACKUP
- AREA OF REFUGE
- 2HR FIRE RATED WALL
- COMMON PATH OF TRAVEL
- TRAVEL DISTANCE
- FIRE ALARM PULL STATION
- SURFACE MOUNTED FIRE EXTINGUISHER

S.F. / OCCUP. LOAD
MAX # OF PERSONS

LIFE SAFETY GENERAL NOTES

1. Contractor shall ensure that all emergency exits, routes, and pathways are maintained clear and unobstructed at all times, allowing for immediate evacuation in the event of a fire or emergency.
2. Contractor shall provide temporary exit signs, emergency lighting, and directional signage to direct personnel to safe evacuation points, in compliance with local fire safety codes.
3. Contractor shall ensure that fire-rated doors, walls, and barriers are installed and maintained as specified during construction to limit fire spread, and shall not be removed or altered without approval from the authority having jurisdiction (AHJ).
4. Contractor shall coordinate with the local fire department and provide them with site plans, including the location of hydrants, fire lanes, temporary exits, and any hazardous materials present on-site.
5. Contractor shall implement and enforce a hot work permit system for any welding, cutting, or other activities that could create sparks, and shall ensure fire watch personnel are present during these activities.
6. Contractor shall ensure that fire lanes and access roads remain clear and accessible to fire trucks and emergency vehicles at all times during construction.
7. Contractor shall maintain fire protection systems (such as sprinklers, alarms, and hoses) during the construction phase, as required, ensuring they are operational as specified in the project plans.
8. Contractor shall ensure that all electrical installations, wiring, and equipment comply with fire safety standards to prevent electrical fires.
9. Contractor shall ensure that combustible materials (wood, solvents, fuels, etc.) are stored in designated areas away from ignition sources and disposed of safely to prevent fire hazards.
10. Contractor shall keep fire exits free of debris, materials, and equipment at all times to ensure rapid evacuation during emergencies.
11. Contractor shall implement an emergency communication system for alerting all personnel on-site in case of a fire or other emergency, and ensure everyone is familiar with the system.

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Sheet Name:

GENERAL NOTES

Scale:

Grade:

12/13/24

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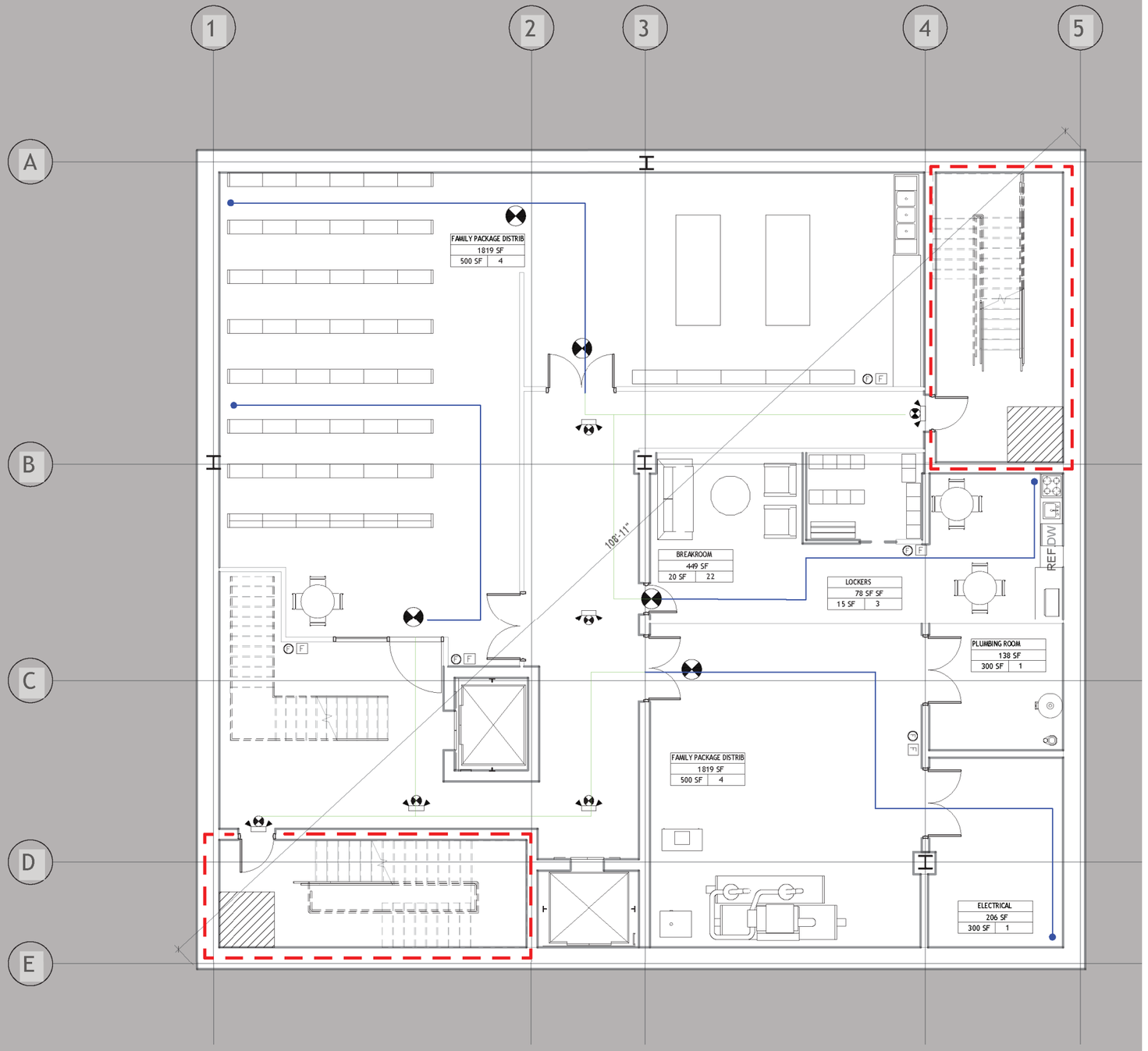
N

Sheet No.

LF100



MEANS OF REMOTENESS

1. THE DIAGONAL DISTANCE (D)= 108'-11" THERE WILL BE A SPRINKLER SYSTEM. USE ⅓=d, SO THE DISTANCE BETWEEN THE STAIRS IS 36'-4".
2. THE ACTUAL DESIGNED DISTANCE BETWEEN STAIRS IS 76'-0".

LIFE SAFETY LEGEND

- EXIT SIGN
- EMERGENCY EXIT LIGHTS & EXIT SIGN (COMBO), ON BATTERY BACKUP
- AREA OF REFUGE
- 2HR FIRE RATED WALL
- COMMON PATH OF TRAVEL
- TRAVEL DISTANCE
- F — FIRE ALARM PULL STATION
- SURFACE MOUNTED FIRE EXTINGUISHER

S.F. / OCCUP. LOAD
MAX # OF PERSONS

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Sheet Name:

BASEMENT TWO

Scale:
3/32= 1'-0"

Grade:

12/13/24

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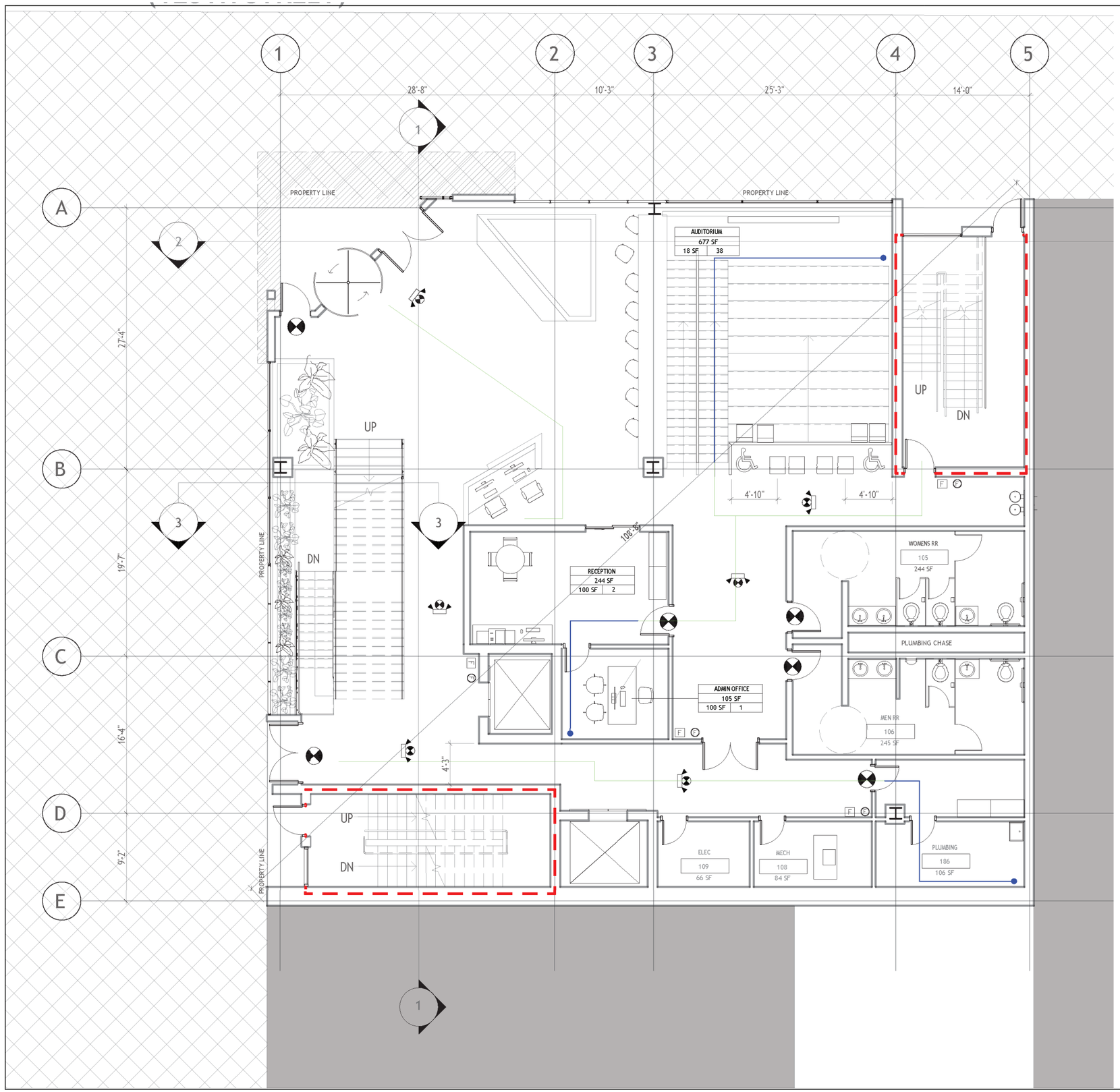
Sheet No.

LF101



MEANS OF REMOTENESS

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2. THE ACTUAL DESIGNED DISTANCE BETWEEN STAIRS IS 76'-0".

LIFE SAFETY LEGEND

- EXIT SIGN
- EMERGENCY EXIT LIGHTS & EXIT SIGN (COMBO), ON BATTERY BACKUP
- AREA OF REFUGE
- 2HR FIRE RATED WALL
- COMMON PATH OF TRAVEL
- TRAVEL DISTANCE
- FIRE ALARM PULL STATION
- SURFACE MOUNTED FIRE EXTINGUISHER

S.F. / OCCUP. LOAD
MAX # OF PERSONS

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Sheet Name:

GROUND

Scale:
3/32= 1'-0"

Grade:

12/13/24

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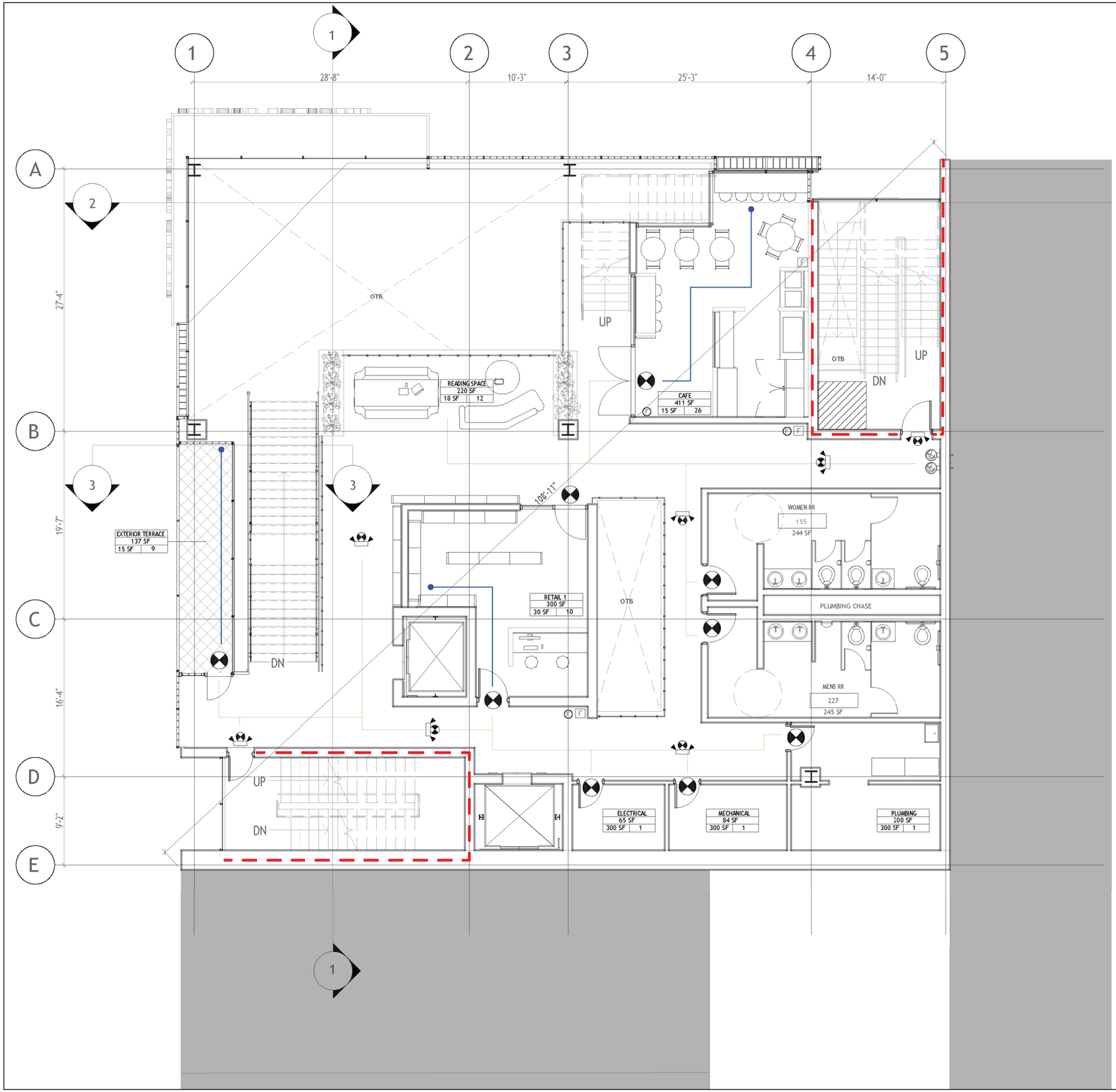
N

Sheet No.

LF102



MEANS OF REMOTENESS

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2. THE ACTUAL DESIGNED DISTANCE BETWEEN STAIRS IS 76'-0".

LIFE SAFETY LEGEND

- EXIT SIGN
- EMERGENCY EXIT LIGHTS & EXIT SIGN (COMBO), ON BATTERY BACKUP
- AREA OF REFUGE
- 2HR FIRE RATED WALL
- COMMON PATH OF TRAVEL
- TRAVEL DISTANCE
- F — FIRE ALARM PULL STATION
- F — SURFACE MOUNTED FIRE EXTINGUISHER

S.F. / OCCUP. LOAD
MAX # OF PERSONS

FIU Architecture

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Sheet Name:

LEVEL 2

Scale:
3/32= 1'-0"

Grade:

12/13/24

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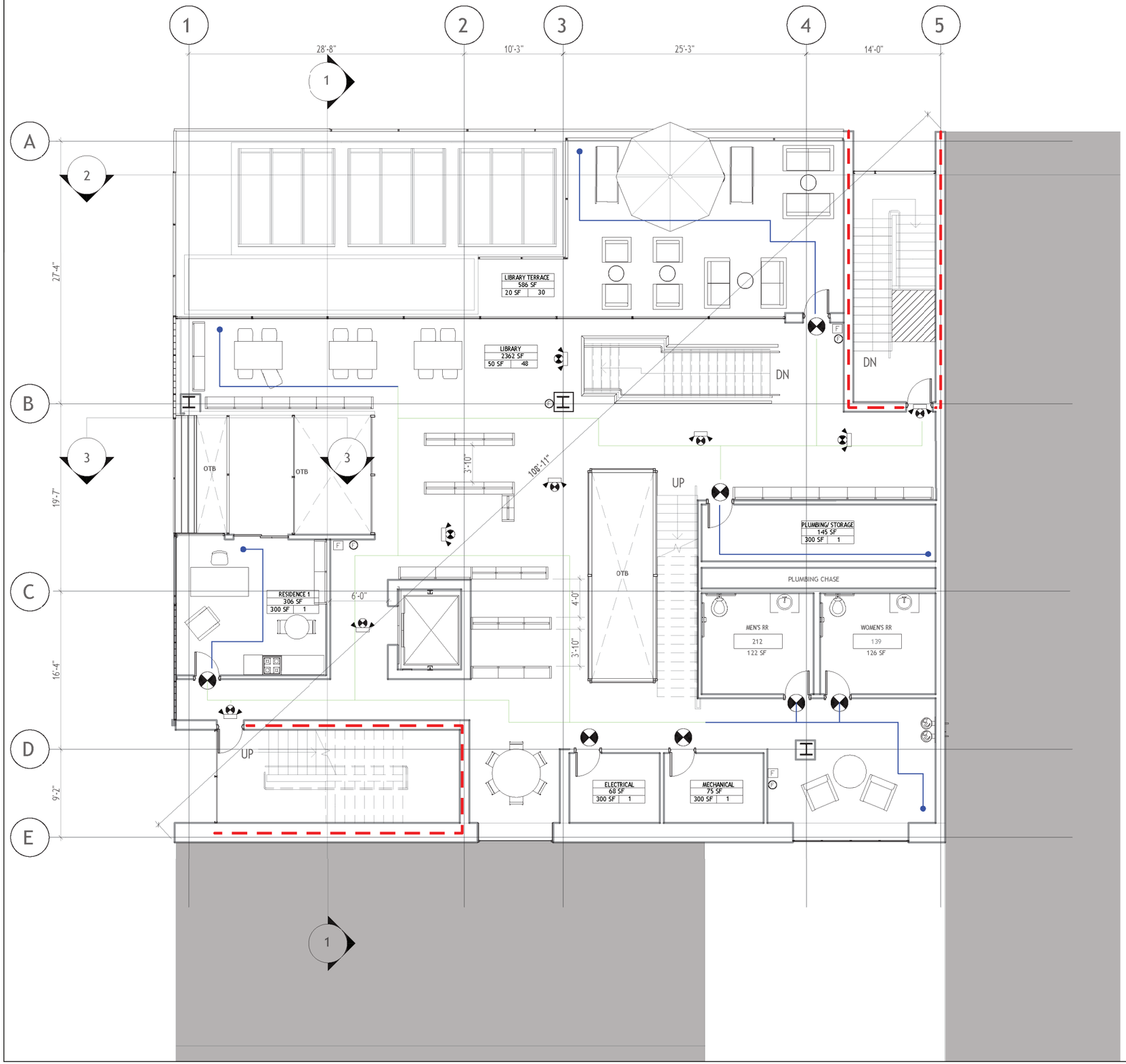
N

Sheet No.

LF103



MEANS OF REMOTENESS

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2. THE ACTUAL DESIGNED DISTANCE BETWEEN STAIRS IS 76'-0".

LIFE SAFETY LEGEND

- EXIT SIGN
- EMERGENCY EXIT LIGHTS & EXIT SIGN (COMBO), ON BATTERY BACKUP
- AREA OF REFUGE
- 2HR FIRE RATED WALL
- COMMON PATH OF TRAVEL
- TRAVEL DISTANCE
- F — FIRE ALARM PULL STATION
- SURFACE MOUNTED FIRE EXTINGUISHER

S.F. / OCCUP. LOAD
MAX # OF PERSONS

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Sheet Name:

LEVEL 5

Scale:
3/32= 1'-0"

Grade:

12/13/24

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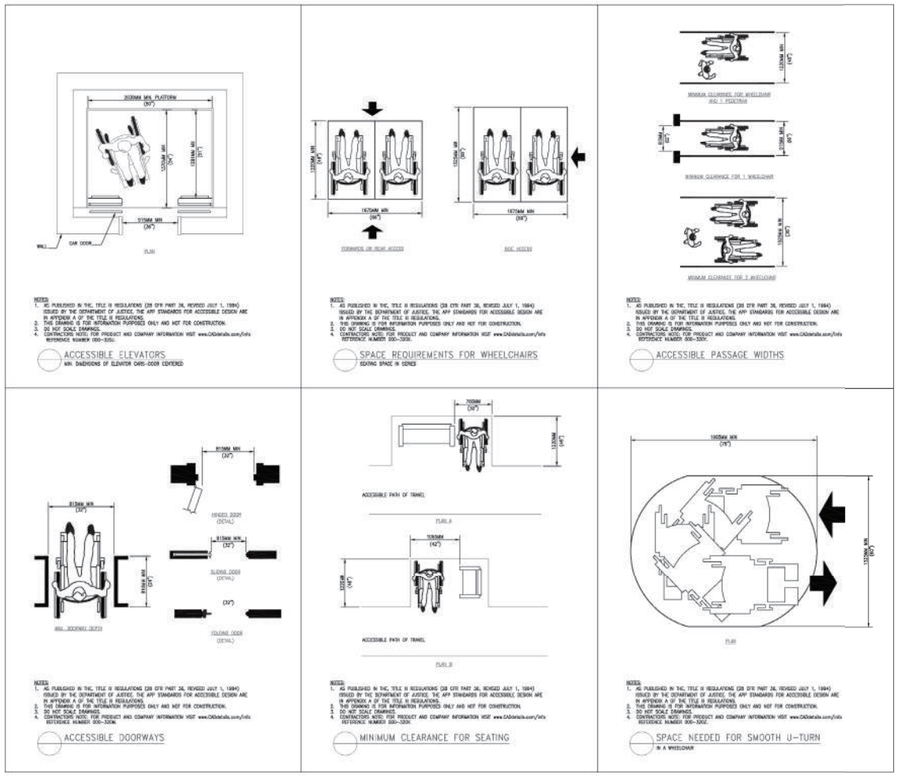
Sheet No.

LF104



ADA GENERAL NOTES

1. Contractor shall ensure that all design and construction work complies with the applicable provisions of the Americans with Disabilities Act (ADA) and the 2010 ADA Standards for Accessible Design (2010 Standards).
2. Contractor shall provide accessible routes to all public and common use areas, ensuring compliance with the minimum required clear widths, slopes, and surface materials specified by ADA standards.
3. Contractor shall ensure that all doorways, entrances, and exits are accessible, with doors that meet the required clear opening widths, maneuvering clearances, and hardware specifications as outlined in the ADA standards.
4. Contractor shall ensure that all ramps are designed with a slope that does not exceed 1:12 (for new construction) and that the surface material is stable, firm, and slip-resistant, providing accessibility for wheelchair users and others with mobility impairments.
5. Contractor shall verify that all accessible parking spaces are located as close as possible to building entrances and are designed with the correct dimensions, signage, and proper surface materials, as required by ADA and local regulations.
6. Contractor shall ensure that accessible parking spaces are clearly marked with the appropriate signage, including the international symbol of accessibility, and are located according to the ADA requirements for proximity to building entrances.
7. Contractor shall ensure that accessible restroom facilities are provided on all levels of the building, with the required clearances, grab bars, and accessible features as specified in the ADA standards.
8. Contractor shall ensure that all public counters and service areas are designed with accessible height and reach ranges, providing access to individuals with disabilities in accordance with ADA guidelines.
9. Contractor shall verify that all elevators, lifts, or platform lifts are installed in compliance with ADA requirements, including proper door width, maneuvering space, and control heights for accessibility.
10. Contractor shall ensure that all signage, including directional and room identification signs, is accessible, with appropriate height, tactile characters, braille, and contrasting colors to meet ADA standards.
11. Contractor shall provide accessible means of communication in public areas, including visual and audible alarms for fire alarms, emergency notifications, and public address systems, in accordance with ADA requirements.
12. Contractor shall ensure that all stairs and stairways meet the minimum requirements for width, tread, riser, and handrails as outlined in the ADA standards, including providing tactile warning surfaces at the top and bottom of stairs where applicable.
13. Contractor shall verify that all accessible routes and paths of travel are maintained throughout construction and are free of obstacles that would impede mobility or access.
14. Contractor shall provide tactile warnings at hazardous locations, such as at the edge of platforms, curbs, or stairs, in compliance with the ADA and local code requirements.
15. Contractor shall ensure that public seating areas are designed with spaces for individuals who use wheelchairs or other mobility devices, with clear sight lines and appropriate space allowances, as required by ADA standards.
16. Contractor shall ensure that all assembly areas, meeting rooms, and public areas are designed to provide equal access to individuals with disabilities, including seating arrangements, assistive listening systems, and other necessary accommodations.
17. Contractor shall ensure that drinking fountains, vending machines, and other public amenities are designed to be accessible to individuals with disabilities, with proper reach and height considerations.
18. Contractor shall provide access to all building levels by means of an accessible elevator or ramp, in accordance with the ADA standards and local code requirements.
19. Contractor shall install all plumbing fixtures, including faucets, soap dispensers, and towel dispensers, at heights and locations accessible to individuals with disabilities.
20. Contractor shall comply with ADA requirements for accessible assembly areas, including ensuring that designated seating areas for individuals with disabilities are provided and meet the specified dimensions and locations.
21. Contractor shall provide all necessary modifications to ensure compliance with the ADA during construction, including accessible pathways, staging areas, and temporary facilities.
22. Contractor shall install accessible door hardware (lever-style handles, push/pull hardware) that can be operated with a closed fist or minimal force, and is operable without grasping, pinching, or twisting of the wrist.
23. Contractor shall ensure that all accessible features are completed and operational before final inspection and occupancy, as specified in the project documents.
24. Contractor shall provide all necessary training and materials to building management and staff on the proper use and maintenance of accessible features in the building.
25. Contractor shall ensure that all accessible routes, including sidewalks and parking areas, are maintained and free from obstructions or changes in level that could impede accessibility after project completion.

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Sheet Name:

GENERAL NOTES

Scale:

Grade:

12/13/24

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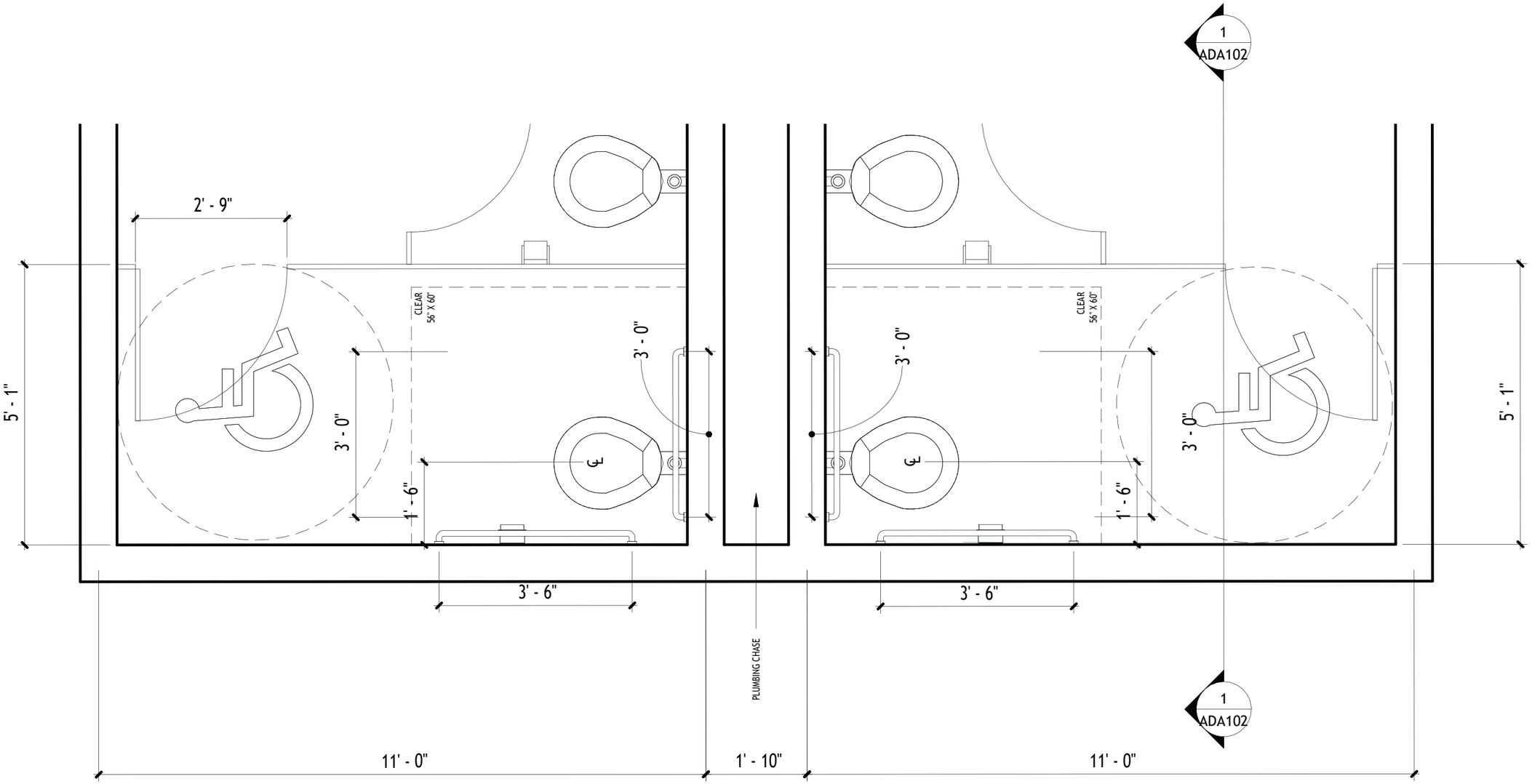
Sheet No.

ADA100



1 RESTROOM FLOOR PLAN
1/2" = 1'-0"

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Sheet Name:

ADA RESTROOM

Scale:

1/2" = 1'-0"

Grade:

12/14/24

Natasha Overn

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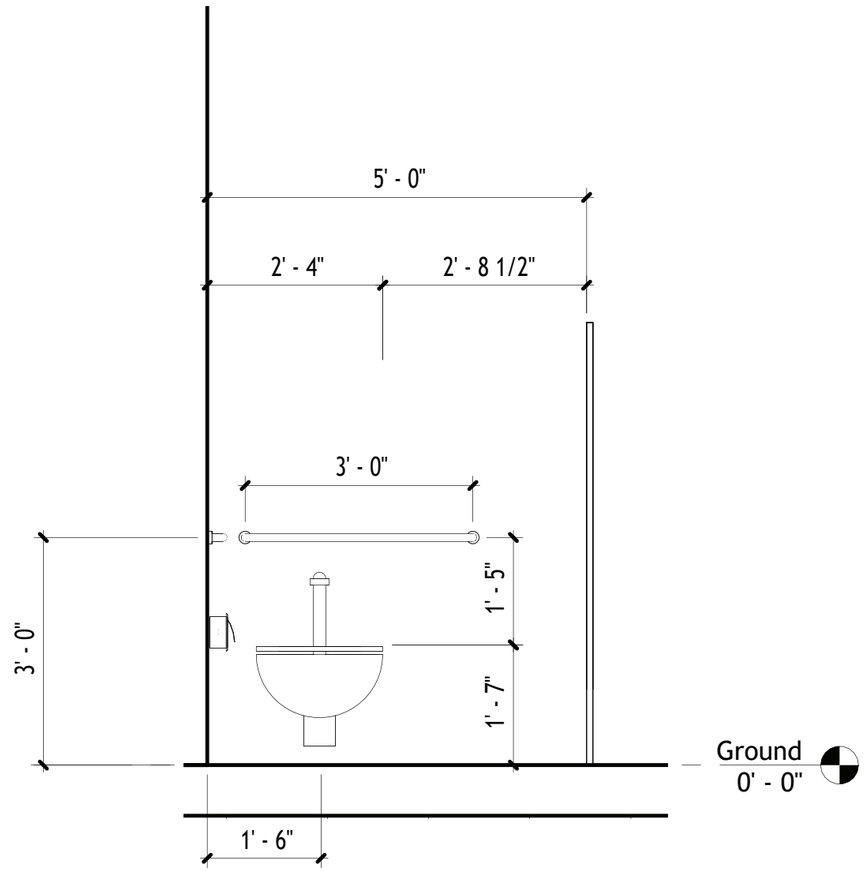
Sheet No.

ADA101



1 ADA RESTROOM SECTION
1/2" = 1'-0"

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Sheet Name:

ADA RESTROOM SECTION

Scale:

1/2" = 1'-0"

Grade:

12/14/24

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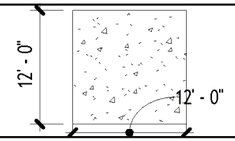
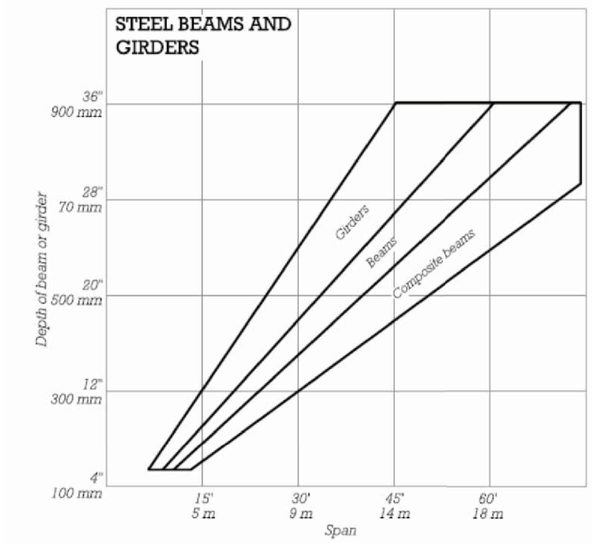
Sheet No.

ADA102

FOUNDATION PLAN LEGEND & NOTES	
GRAPHIC DESCRIPTION:	TYPE/ DIMENSION
	2' THICK RETAINING WALL
	SF. # 12'X12' SPREAD FOOTINGS, FOR 8 STORY BUILDING
	M1, M2 MATT SLABS



STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

STRUCTURAL GENERAL NOTES

1. Contractor shall comply with all applicable local, state, and federal building codes, regulations, and standards in the design, fabrication, and erection of structural elements.
2. Contractor shall verify all dimensions, materials, and conditions at the job site before commencing any work and shall report any discrepancies to the architect or structural engineer for resolution.
3. Contractor shall provide all necessary temporary bracing, shoring, and support required to safely construct and maintain the structural system during construction.
4. Contractor shall ensure that all structural steel elements are fabricated and erected in accordance with the approved shop drawings and specifications.
5. Contractor shall provide structural calculations and test reports for all materials (e.g., concrete, steel, masonry) as required by the structural engineer or local code authorities.
6. Contractor shall install and secure all structural components in accordance with the approved structural drawings and details.
7. Contractor shall ensure that the foundation system is constructed to the specified depths and dimensions, and that the subgrade preparation is completed as outlined in the foundation design.
8. Contractor shall ensure proper curing and protection of concrete elements, including the use of curing compounds, wet coverings, or other approved methods to achieve the required strength and durability.
9. Contractor shall provide a written schedule for all structural work, including material procurement and delivery dates, erection sequencing, and coordination with other trades.
10. Contractor shall ensure that all structural work is performed by qualified personnel with appropriate certifications, including welders, crane operators, and ironworkers.
11. Contractor shall ensure that all structural steel connections, welds, and bolts are installed and inspected in compliance with the project specifications and the structural engineer's requirements.
12. Contractor shall perform structural inspections and testing (e.g., concrete slump tests, steel weld inspections) as required by the structural engineer or local authorities, and maintain accurate records of all inspections.
13. Contractor shall ensure that structural masonry, brick, or block walls are constructed with proper reinforcement and bonding as specified in the structural drawings and details.
14. Contractor shall coordinate with the electrical, plumbing, and mechanical trades to ensure proper clearances and integration of structural elements with other systems.
15. Contractor shall ensure that all structural elements, including beams, columns, slabs, and walls, are designed to safely accommodate the intended loads and conditions as specified by the structural engineer.
16. Contractor shall protect all structural elements, including steel, concrete, and masonry, from damage during construction, including protection from weather elements, impact, and excessive loading.
17. Contractor shall ensure that all structural anchors, bolts, and embedments are accurately placed according to the approved drawings and that any adjustments or modifications are approved by the structural engineer.
18. Contractor shall ensure that all structural elements are adequately anchored and secured to resist the effects of wind, seismic forces, and other external loads, in compliance with the applicable building codes.
19. Contractor shall verify that all structural joints (e.g., expansion joints, contraction joints) are installed in accordance with the structural drawings and specifications to accommodate thermal movement and other forces.
20. Contractor shall ensure that the building's floor and roof systems are constructed to meet load-bearing capacities and deflection limits specified in the structural design.
21. Contractor shall ensure that all temporary structures used during construction (e.g., formwork, scaffolding, falsework) are designed and constructed in accordance with safety standards and project specifications.
22. Contractor shall notify the structural engineer of any unexpected conditions or variations encountered during construction that may affect the structural integrity of the project.
23. Contractor shall coordinate with the manufacturer and installer of prefabricated structural elements (e.g., pre-stressed concrete beams, steel trusses) to ensure correct delivery, handling, and installation.
24. Contractor shall ensure that all structural elements are completed, tested, and certified for final occupancy as required by the structural engineer or local code authorities prior to building occupancy.

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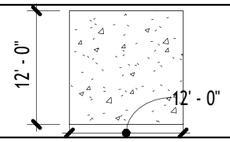
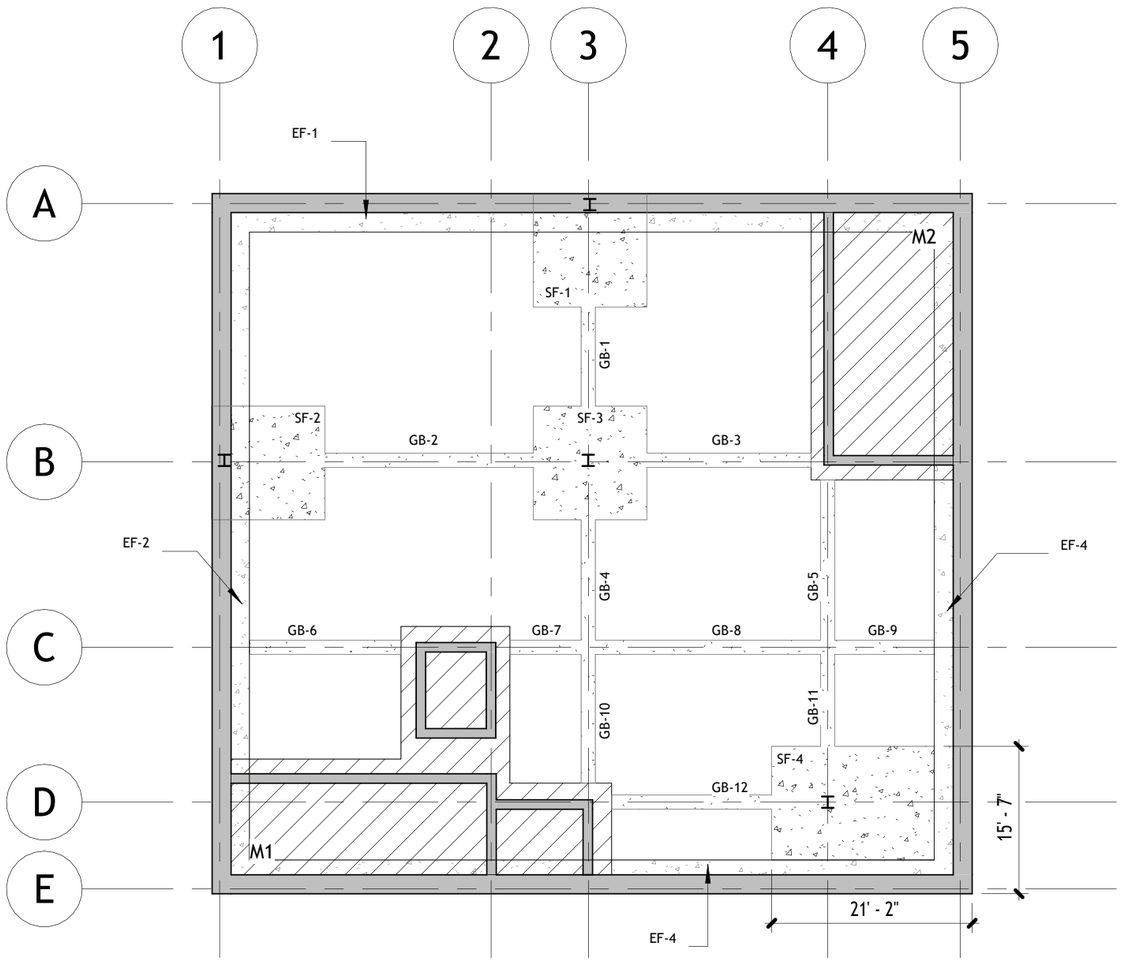
Sheet No.

S100

FOUNDATION PLAN LEGEND & NOTES	
GRAPHIC DESCRIPTION:	TYPE/ DIMENSION
	2' THICK RETAINING WALL
	SF. # 12'X12' SPREAD FOOTINGS, FOR 8 STORY BUILDING
	M1, M2 MATT SLABS



1 FOUNDATION PLAN
1/16" = 1'-0"

FOUNDATION PLAN SCHEDULE			
M1	MATT SLAB	***	1'-6"
M2	MATT SLAB	***	1'-6"
EF-1	ECCENTRIC FOOTING	***	1'-6"
EF-2	ECCENTRIC FOOTING	***	1'-6"
EF-3	ECCENTRIC FOOTING	***	1'-6"
EF-4	ECCENTRIC FOOTING	***	1'-6"
SF- 1,2,3	SPREAD FOOTER	12' X 12'	1'-6"
SF-4	SPREAD FOOTER	21'-2" X 15'-7"	1'-6"
GB-1	GRADE BEAM	1'-6" X 10'-5"	1'-6"
GB-2	GRADE BEAM	1'-6" X 22'-0"	1'-6"
GB-3	GRADE BEAM	1'-6" X 17'-4"	1'-6"
GB-4	GRADE BEAM	1'-6" X 12-9"	1'-6"
GB-5	GRADE BEAM	1'-6" X 16'-11"	1'-6"
GB-6	GRADE BEAM	1'-6" X 16'-0"	1'-6"
GB-7	GRADE BEAM	1'-6" X 7'-6"	1'-6"
GB-8	GRADE BEAM	1'-6" X 23'-10"	1'-6"
GB-9	GRADE BEAM	1'-6" X 10'-6"	1'-6"
GB-10	GRADE BEAM	1'-6" X 13'-7"	1'-6"
GB-11	GRADE BEAM	1'-6" X 9'-8"	1'-6"
GB-12	GRADE BEAM	1'-6" X 16'-11"	1'-6"

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Sheet Name:

FOUNDATION PLAN

Scale:
1/16" = 1'-0"
Grade:

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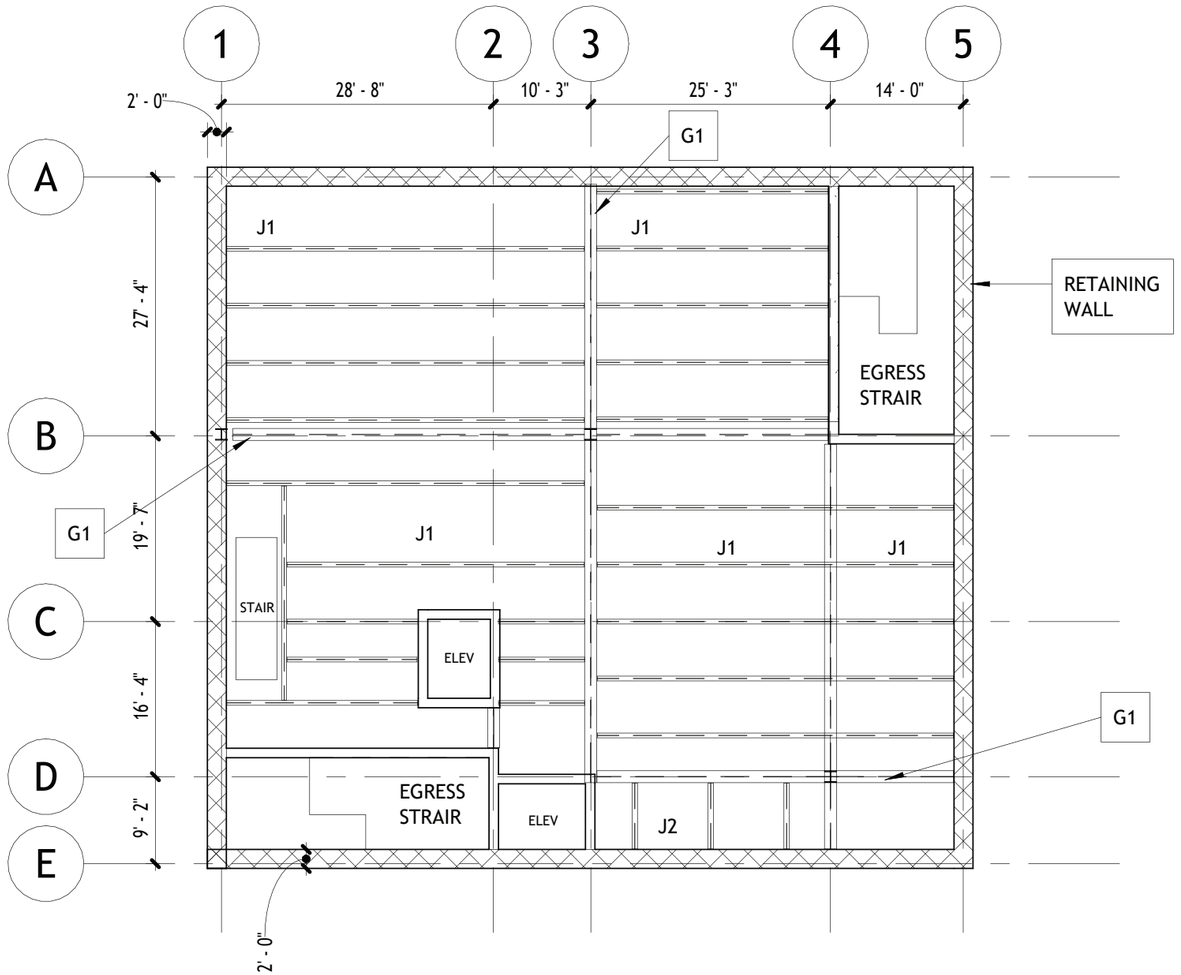
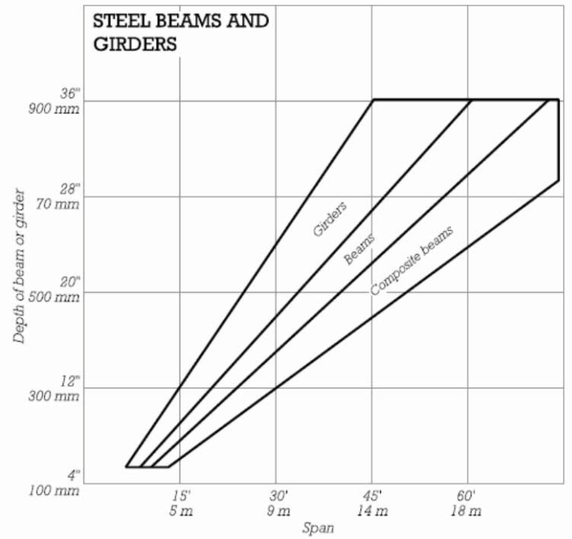
S101



1 STRUCTURAL BASEMENT 1
1/16" = 1'-0"



STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

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Sheet Name:

STRUCTURAL FRAMING B1

Scale:
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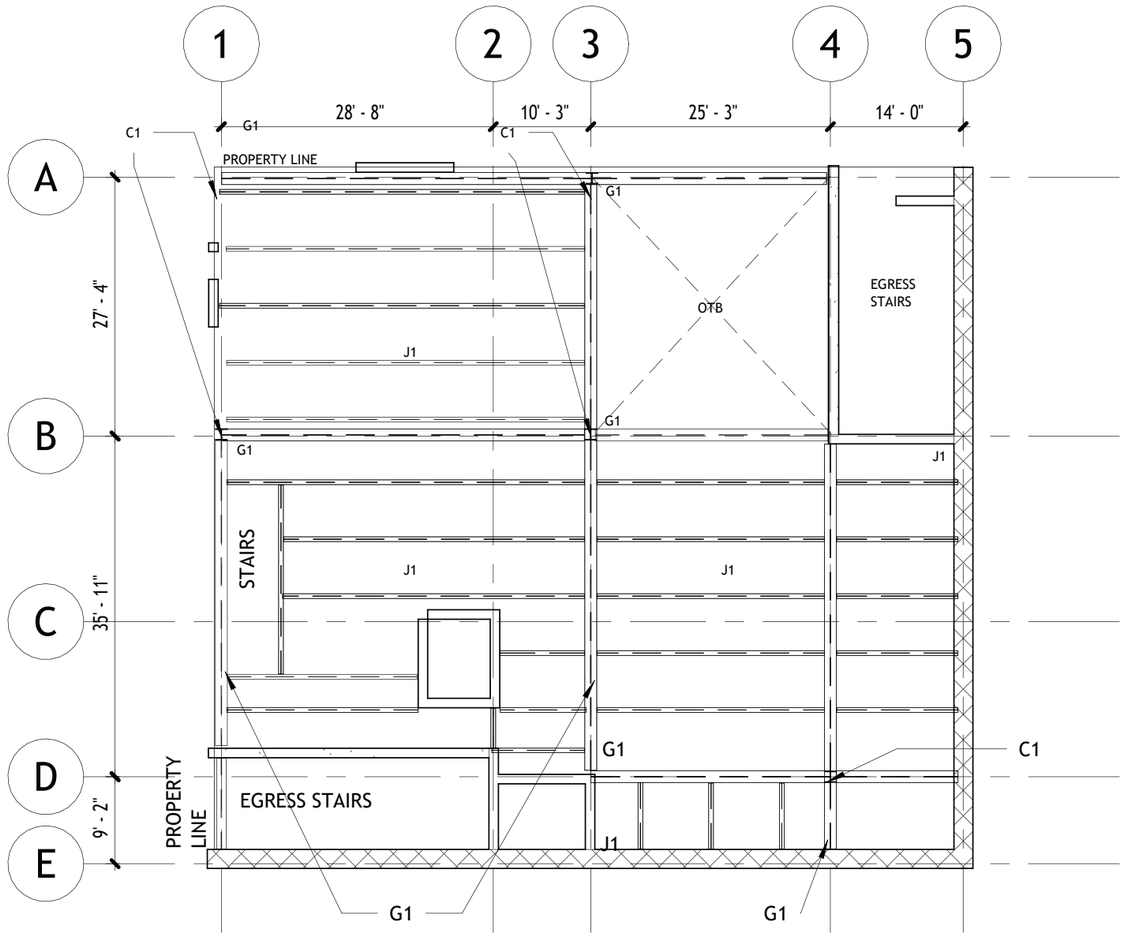
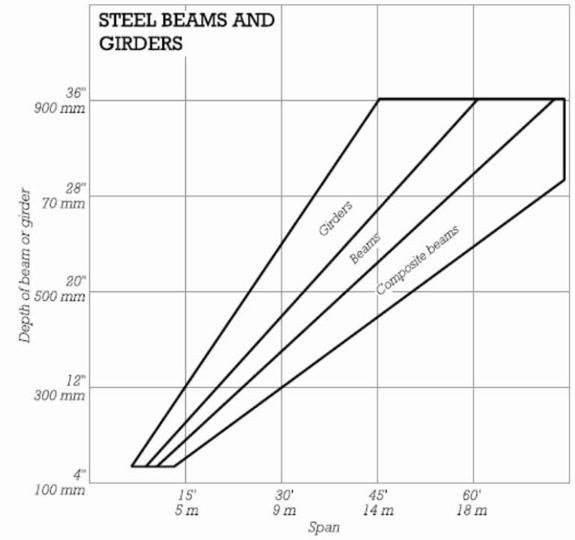
S102



1 STRUCTURAL FRAMING GROUND PLAN
1/16" = 1'-0"



STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

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STRUCTAL FRAMING PLANS GROUND

Scale:
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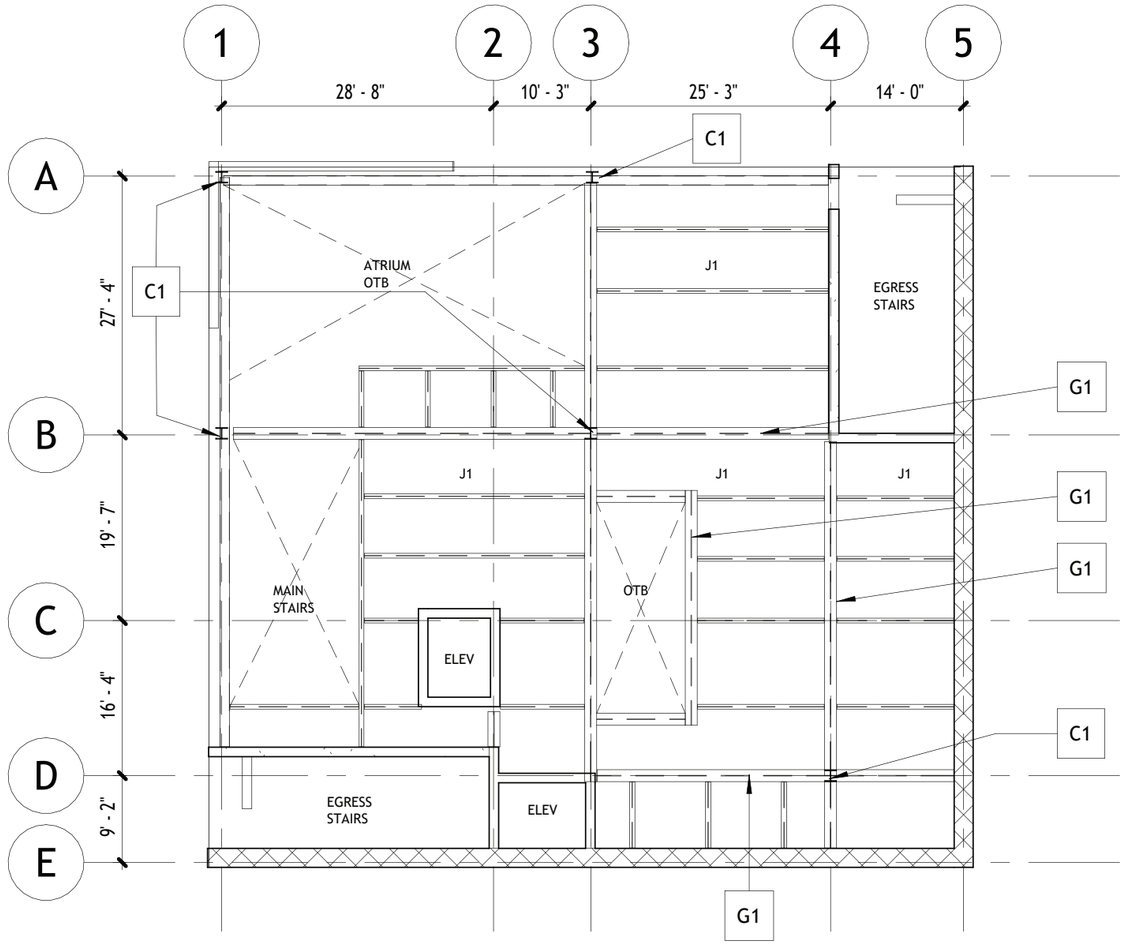
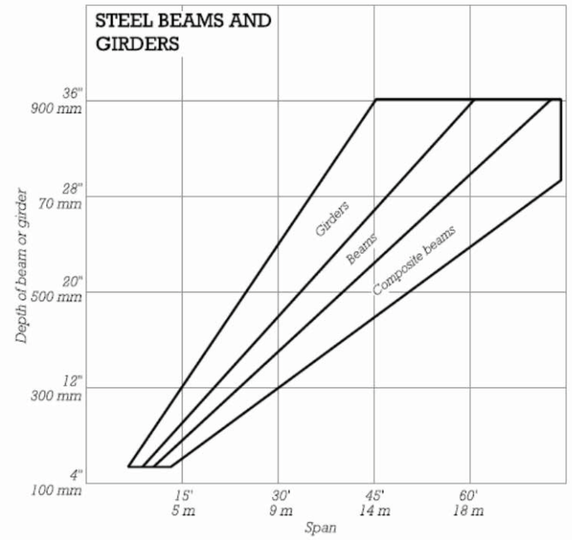
Sheet No.
S103



1 STRUCTURAL FRAMING LEVEL 2
1/16" = 1'-0"



STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

STRUCTURAL LEGEND
3/16" = 1'-0"

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Sheet Name:

STRUCTURAL FRAMING L2

Scale:
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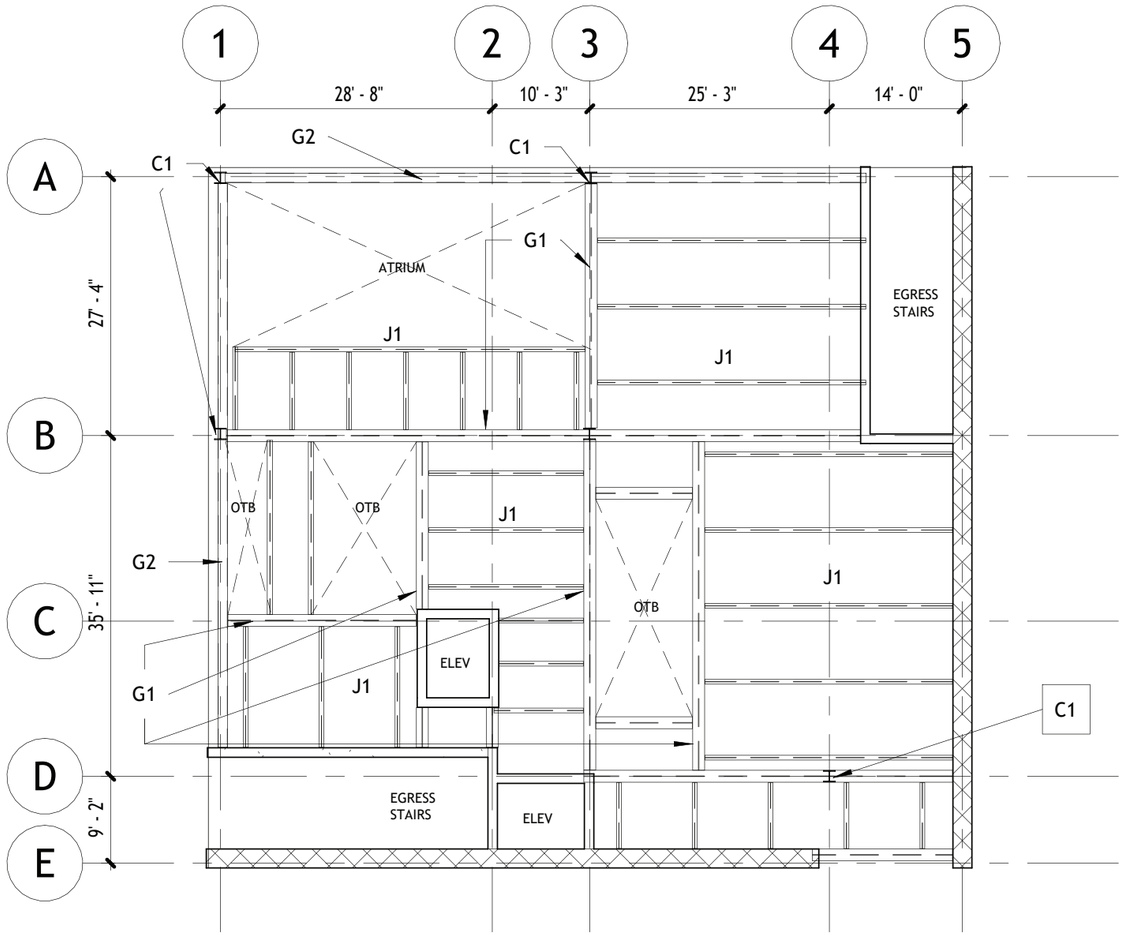
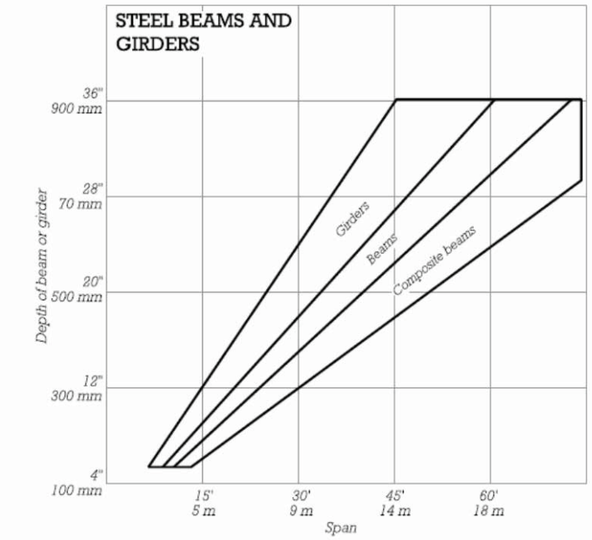


1 STRUCTURAL FRAMING LEVEL 3 AT ELEV 24'
1/16" = 1'-0"



STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

STRUCTURAL LEGEND
3/16" = 1'-0"

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Sheet Name:

STRUCTAL FRAMING L3

Scale:
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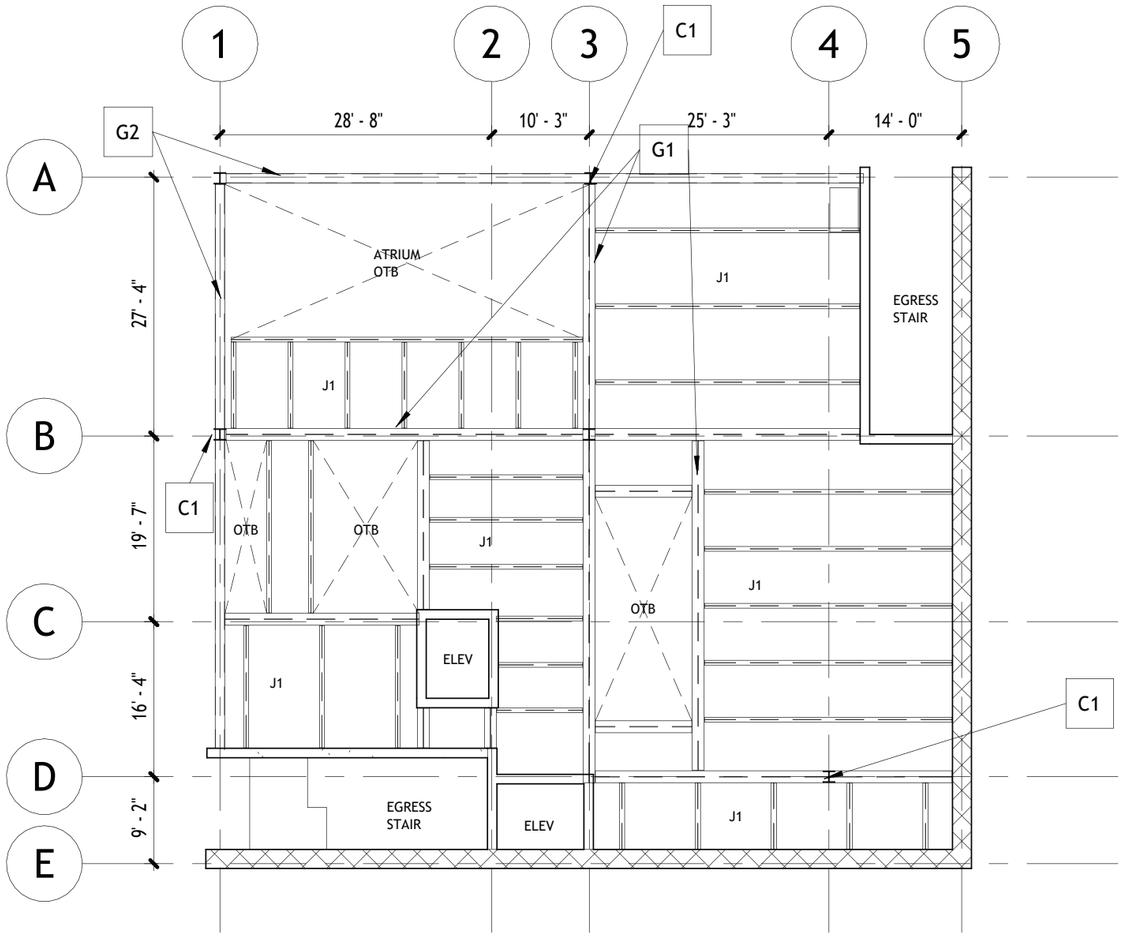
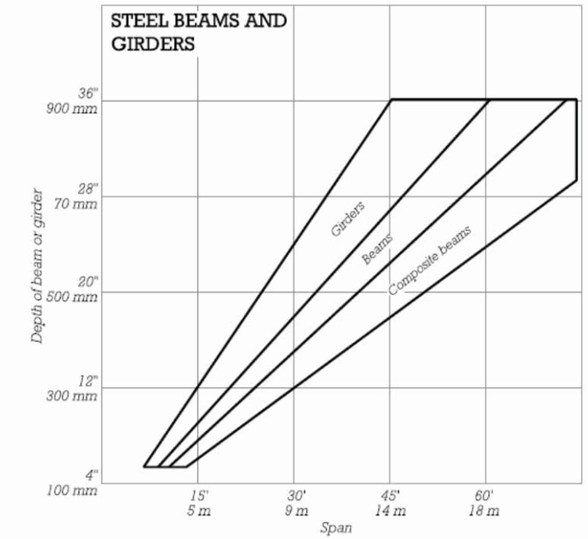


1 STRUCTURAL FRAMING LEVEL 4
1/16" = 1'-0"



STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

STRUCTURAL LEGEND
3/16" = 1'-0"

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STRUCTAL FRAMING L4

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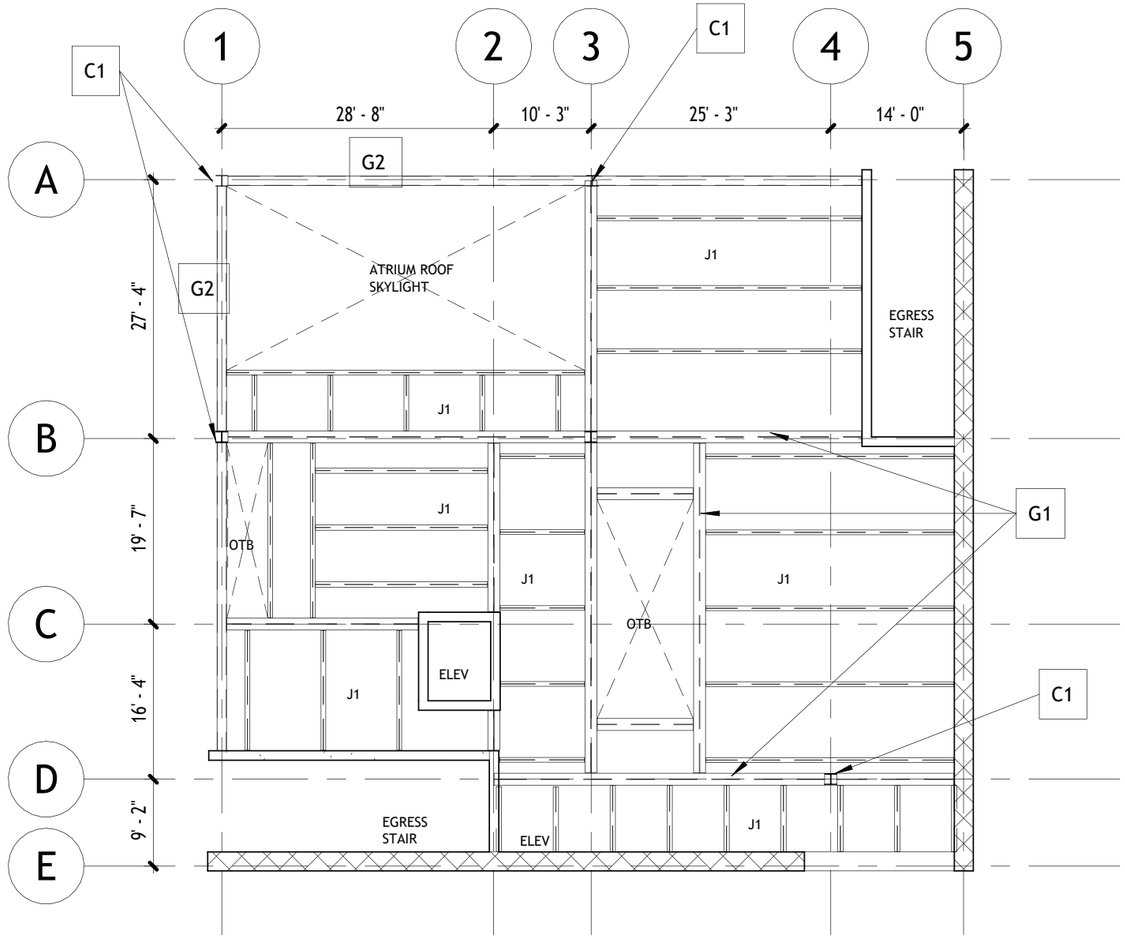
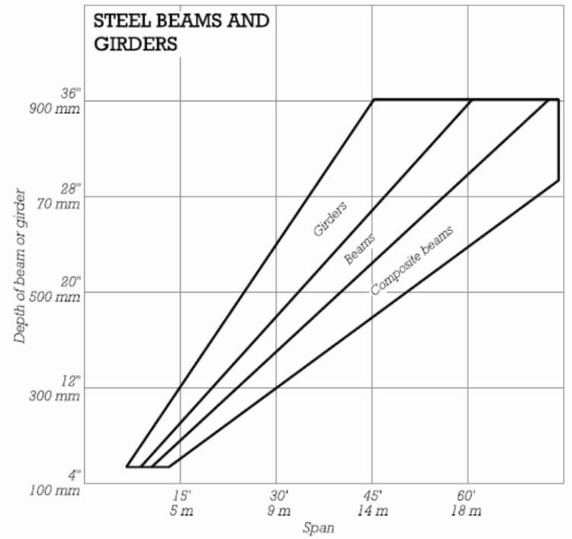


1 STRUCTURAL FRAMING LEVEL 5
1/16" = 1'-0"



STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

STRUCTURAL LEGEND
3/16" = 1'-0"

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Sheet Name:

STRUCTAL FRAMING L5

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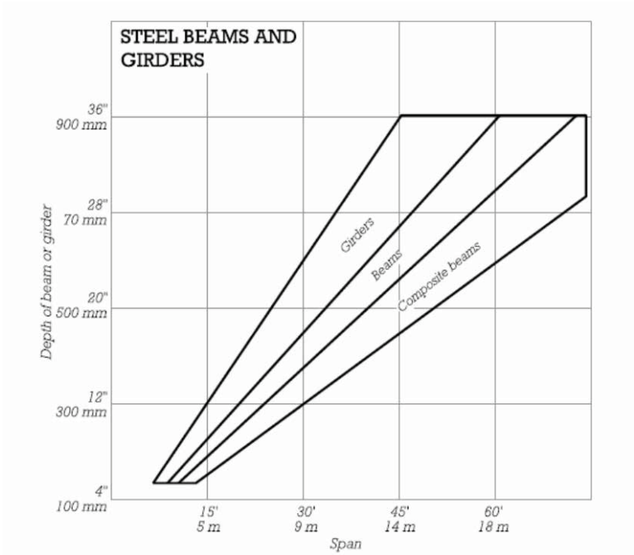
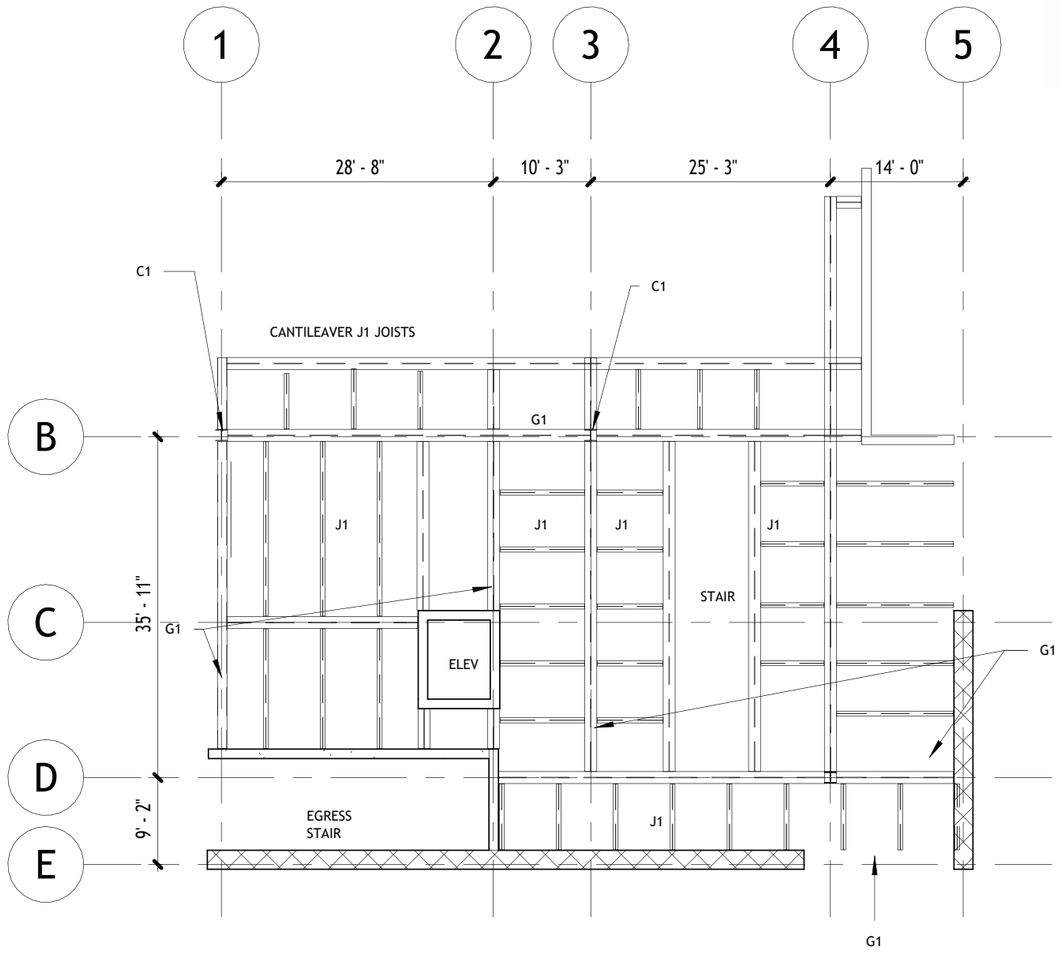
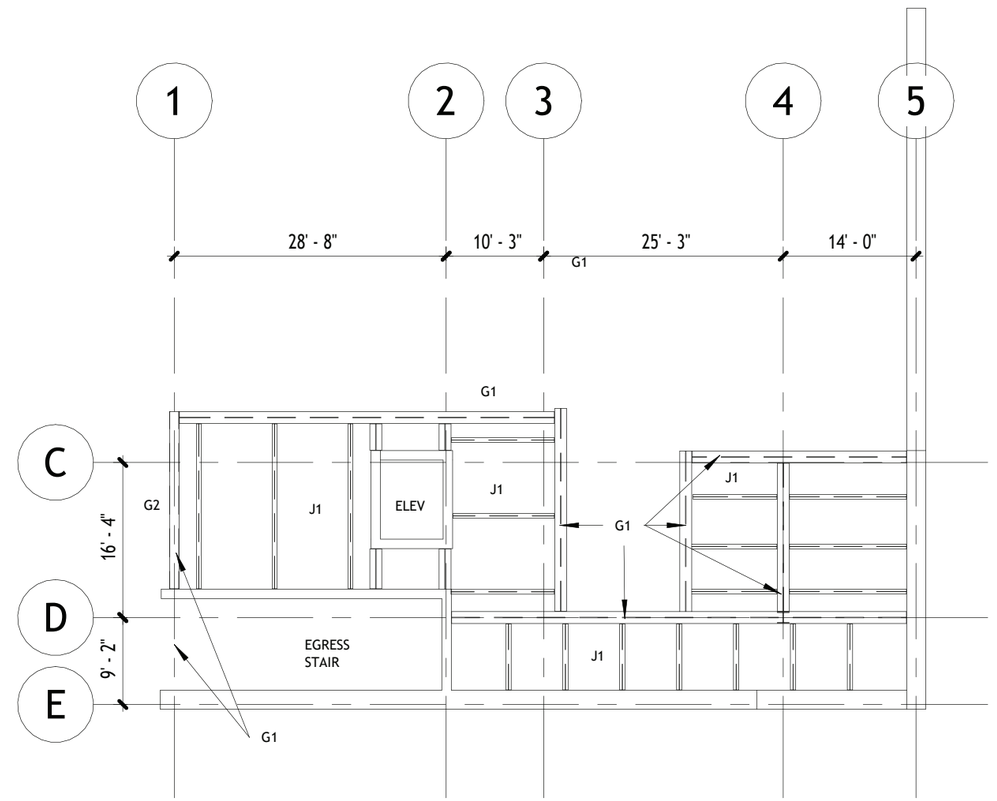


STRUCTURAL LEGEND	
C1	COLUMN W14 X 190
G1	GIRDER W30X235
G2	GIRDER- HSS 2'X1'
J1	JOIST- W18X40
J2	JOIST- W14X30

STRUCTURAL LEGEND
3/16" = 1'-0"



1 STRUCTURAL FRAMING- LEVEL 6
1/16" = 1'-0"



2 STRUCTURAL ROOF PLAN AT ELEV 72'
1/16" = 1'-0"

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STRUCTAL FRAMING L6 & ROOF

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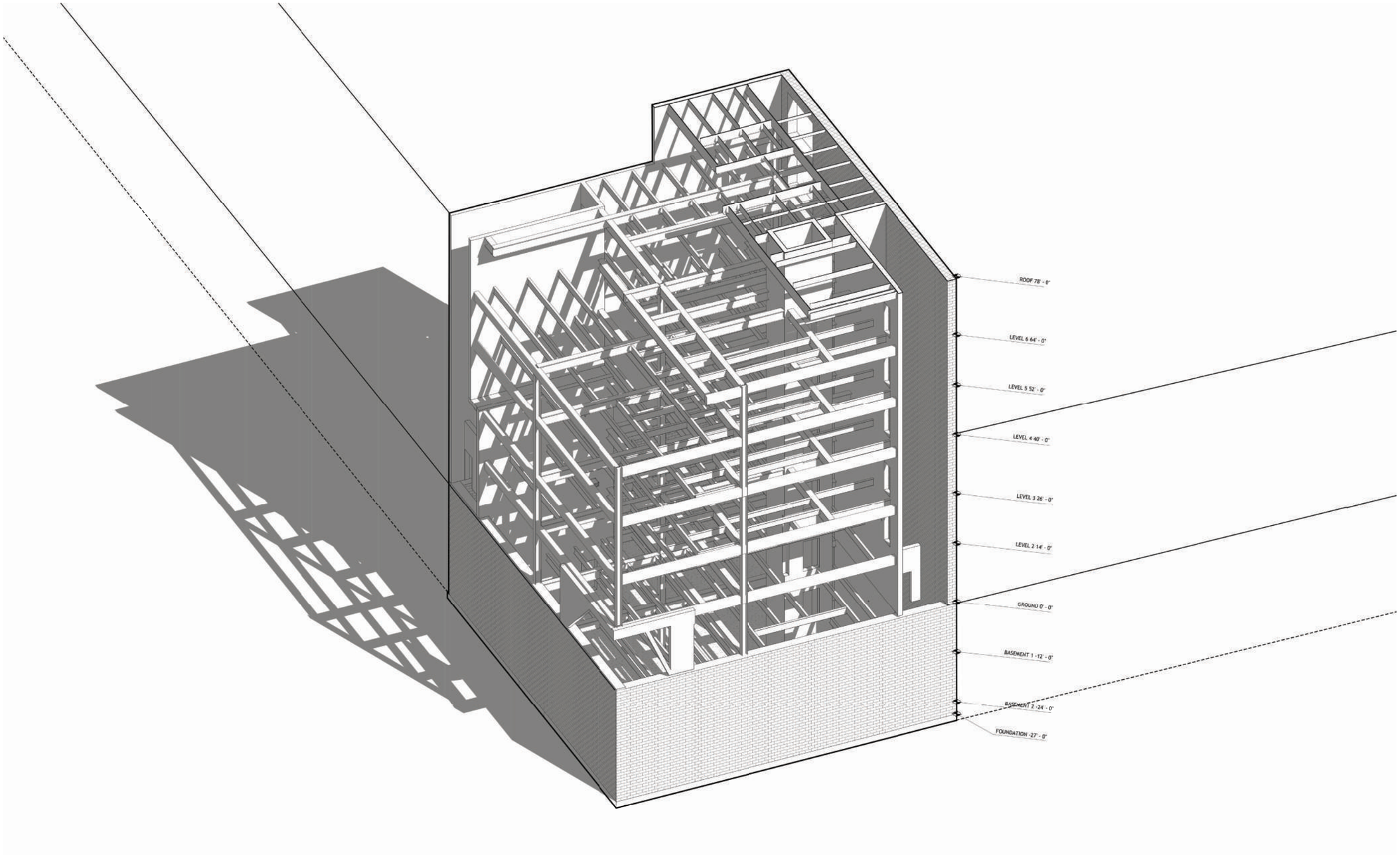

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S109

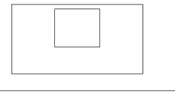
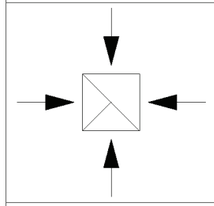
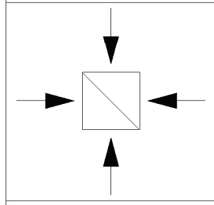
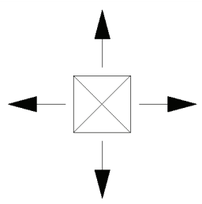
MECHANICAL ZONE CALCULATIONS

					TOTALS (CF)	ASHRAE	CFH	CFM	TONS
Zone 3	Ground Level	Area	Height	Volume					
	ADMIN OFFICE	100.00	11	1,100.00		5	5,500.00	91.67	
	AUDITORIUM	664	11	7,304.00		5	36,520.00	608.67	
	BACK OF HOUSE	232	11	2,552.00		5	12,760.00	212.67	
	RECEPTION	244.00	11	2,684.00		5	13,420.00	223.67	
	STORAGE	249	11	2,739.00		5	13,695.00	228.25	
	Lobby	927.00	11	10,197.00		5	50,985.00	849.75	
	RESTROOMS	469	11	5,159.00		5	25,795.00	429.92	
					31,735.00	5	158,675.00	2,644.58	6.61
Zone 4	Second Level	Area	Height	Volume					
	CAFÉ	415	10	4,150.00		5	20,750.00	345.83	
	CORRIDOR	2409	10	24,090.00		5	120,450.00	2,007.50	
	READING SPACE	216	10	2,160.00		5	10,800.00	180.00	
	RETAIL	299	10	2,990.00		5	14,950.00	249.17	
	STORAGE	100	10	1,000.00		5	5,000.00	83.33	
	REATROOM	469	10	4,690.00		5	23,450.00	390.83	
					39,080.00	5	195,400.00	3,256.67	8.14
Zone 5	Third Level	Area	Height	Volume					
	GALLERY	2357	12	28,284.00		5	141420	2357	
	RETAIL 2	507	12	6,084.00		5	30420	507	
	BACK OF HOUSE	190	12	2,280.00		5	11400	190	
	STORAGE	207	12	2,484.00		5	12420	207	
					39,132.00	5	195,660.00	3,261.00	8.15
Zone 6	Fourth Level	Area	Height	Volume					
	BACK OF HOUSE	252	9	2,268.00		5	11,340.00	189.00	
	CONFERENCE ROOM	314	9	2,826.00		5	14,130.00	235.50	
	BOOKS	648	9	5,832.00		5	29,160.00	486.00	
	RETAIL	673	9	6,057.00		5	30,285.00	504.75	
	RESTROOMS	469	9	4,221.00		5	21,105.00	351.75	
	STROAGES	334.00	9	3,006.00		5	15,030.00	250.50	
					24,210.00	5	121,050.00	2,017.50	5.04
Zone7	Fifth Level	Area	Height	Volume					
	LIBRARY	2336	9	21,024.00		5	105,120.00	1,752.00	
	RESIDENCE 1	226	9	2,034.00		5	10,170.00	169.50	
	STORAGE	126	9	1,134.00		5	5,670.00	94.50	
	RESTROOMS	237	9	2,133.00		5	10,665.00	177.75	
					26,325.00	5	131,625.00	2,193.75	5.48
Zone 8	Sixth Level	Area	Height	Volume					
	RESIDENCE 2	340	12	4080		5	20,400.00	340.00	
	RESTROOMS	237	12	2844		5	14,220.00	237.00	
	STORAGES	126	12	1,512.00		5	7,560.00	126.00	
					8,436.00	5	42,180.00	703.00	1.76
Zone2	Basement 1	Area	Height	Volume					
	AUDTIORIUM	375	9	3375		3	10,125.00	168.75	
	CORRIDOR SPACES	1113	9	10017		3	30,051.00	500.85	
	PRIVATE ARCHIVE	1902	9	17118		3	51,354.00	855.90	
	SECURITY	217	9	1953		3	5,859.00	97.65	
	PA OFFICE	93	9	837		3	2,511.00	41.85	
	STORAGES	453	9	4077		3	12,231.00	203.85	
	Bathrooom 1	66	9	594		3	1,782.00	29.70	
	Bathrooom 2	72	9	648		3	1,944.00	32.40	
					38,619.00	3.00	115,857.00	1,930.95	4.83
Zone 1	Basement 2								
	BREAKROOM	449	9	4041		3.00	12,123.00	202.05	
	FAMILY PACKAGE	1817	9	16353		3.00	49,059.00	817.65	
	LOCKERS	78	9	702		3.00	2,106.00	35.10	
	MEP ROOMS (ALL)	1055	9	9495		3.00	28,485.00	474.75	
					30,591.00	3.00	91,773.00	1,529.55	3.82
	Totals	24,062.00			238,128.00				43.84

MECHANICAL GENERAL NOTES

1. Contractor shall install all HVAC systems in accordance with the approved drawings and manufacturer's recommendations, ensuring proper clearances, alignment, and functioning of equipment.
2. Contractor shall provide all necessary ductwork, dampers, insulation, and airflow control devices as shown on the mechanical drawings, ensuring that all systems provide adequate ventilation and comply with air exchange rates as required by local codes.
3. Contractor shall ensure that all ductwork is sealed and insulated as required by the project specifications and local energy codes to minimize heat loss and prevent condensation.
4. Contractor shall provide proper balancing and commissioning of HVAC systems to ensure that the building achieves the required temperature, humidity, and air quality conditions.
5. Contractor shall ensure that all HVAC equipment, including air handlers, units, fans, and exhaust systems, is installed in accordance with the manufacturer's instructions, with proper access for maintenance and service.
6. Contractor shall ensure that the HVAC system is designed and installed to minimize noise levels, following the project specifications and best practices for noise control.
7. Contractor shall install and verify the proper operation of all thermostats, humidistats, controls, and sensors to ensure system functionality and energy efficiency.

HVAC SYMBOL LEGEND

	AIR HANDLING UNIT- SPLIT SYSTEM
	EXHAUST GRILL 24 X 24
	RETURN DIFUSSER 24 X 24
	SUPPLY GRILL 24 X 24
	SIDEWALL SUPPLY DIFFUSER

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Sheet Name:

GENERAL NOTES

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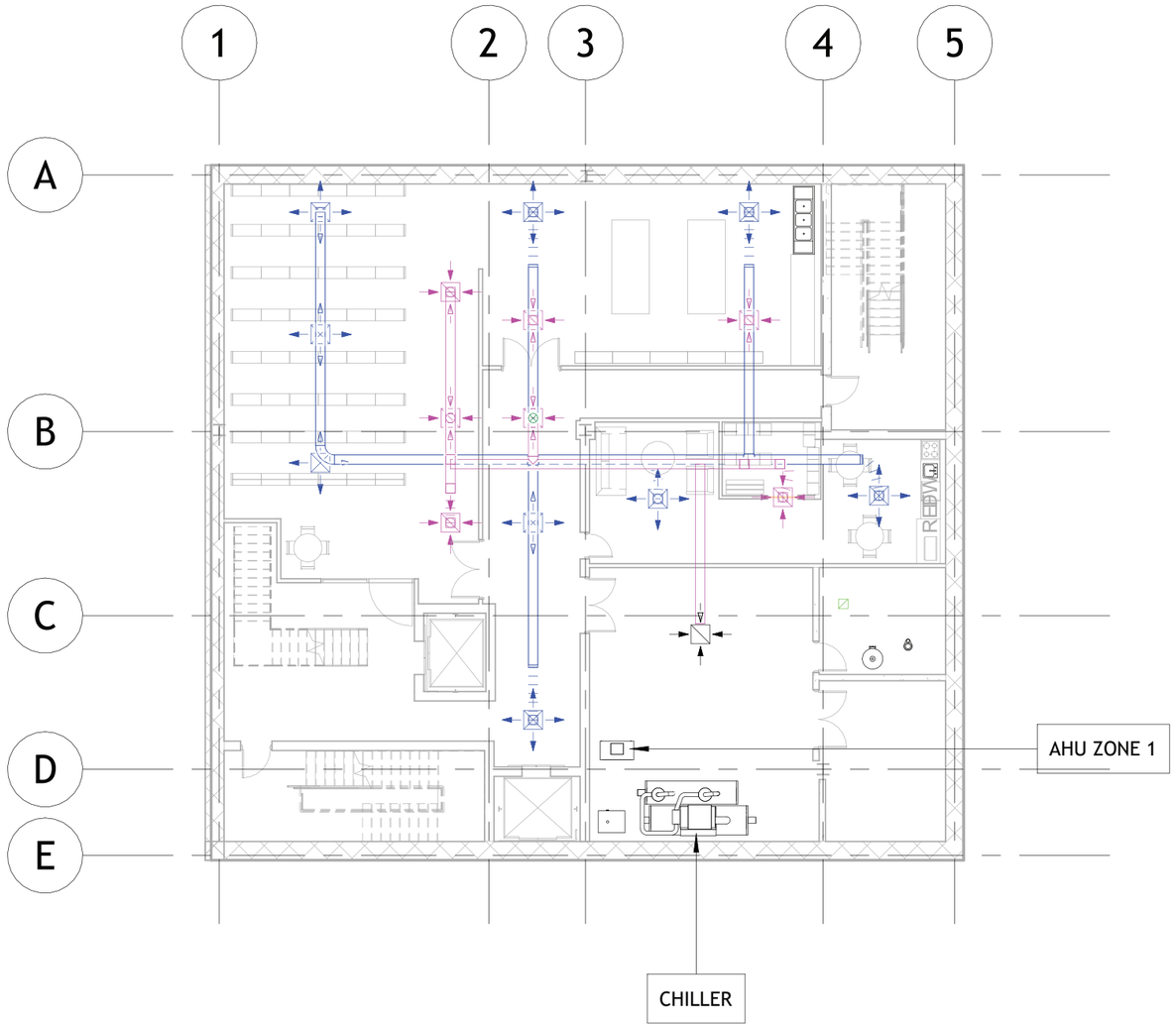
M100



1 BASEMENT 2(1)
1/16" = 1'-0"

HVAC SYMBOL LEGEND	
	AIR HANDLING UNIT- SPLIT SYSTEM
	EXHAUST GRILL 24 X 24
	RETURN DIFUSSER 24 X 24
	SUPPLY GRILL 24 X 24
	SIDEWALL SUPPLY DIFFUSER

HVAC LEGEND
3/16" = 1'-0"

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Sheet Name:

Mechanical Plans-B2

Scale:
As indicated
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03/31/22

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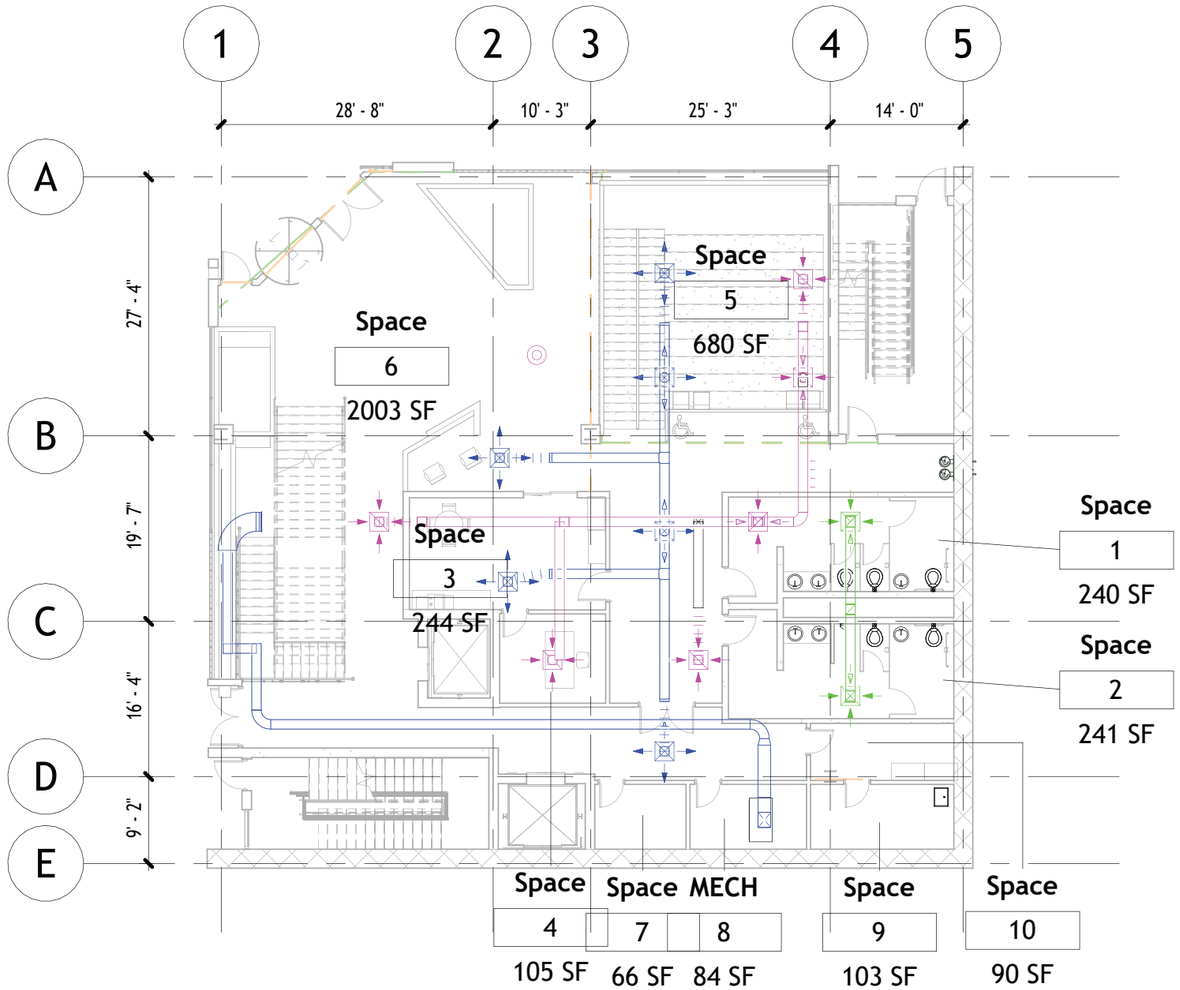
Sheet No.

M101



1 MEP GROUND
1/16" = 1'-0"

HVAC SYMBOL LEGEND	
	AIR HANDLING UNIT- SPLIT SYSTEM
	EXHAUST GRILL 24 X 24
	RETURN DIFUSSER 24 X 24
	SUPPLY GRILL 24 X 24
	SIDEWALL SUPPLY DIFFUSER

HVAC LEGEND
3/16" = 1'-0"

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Sheet Name:

Mechanical Plans

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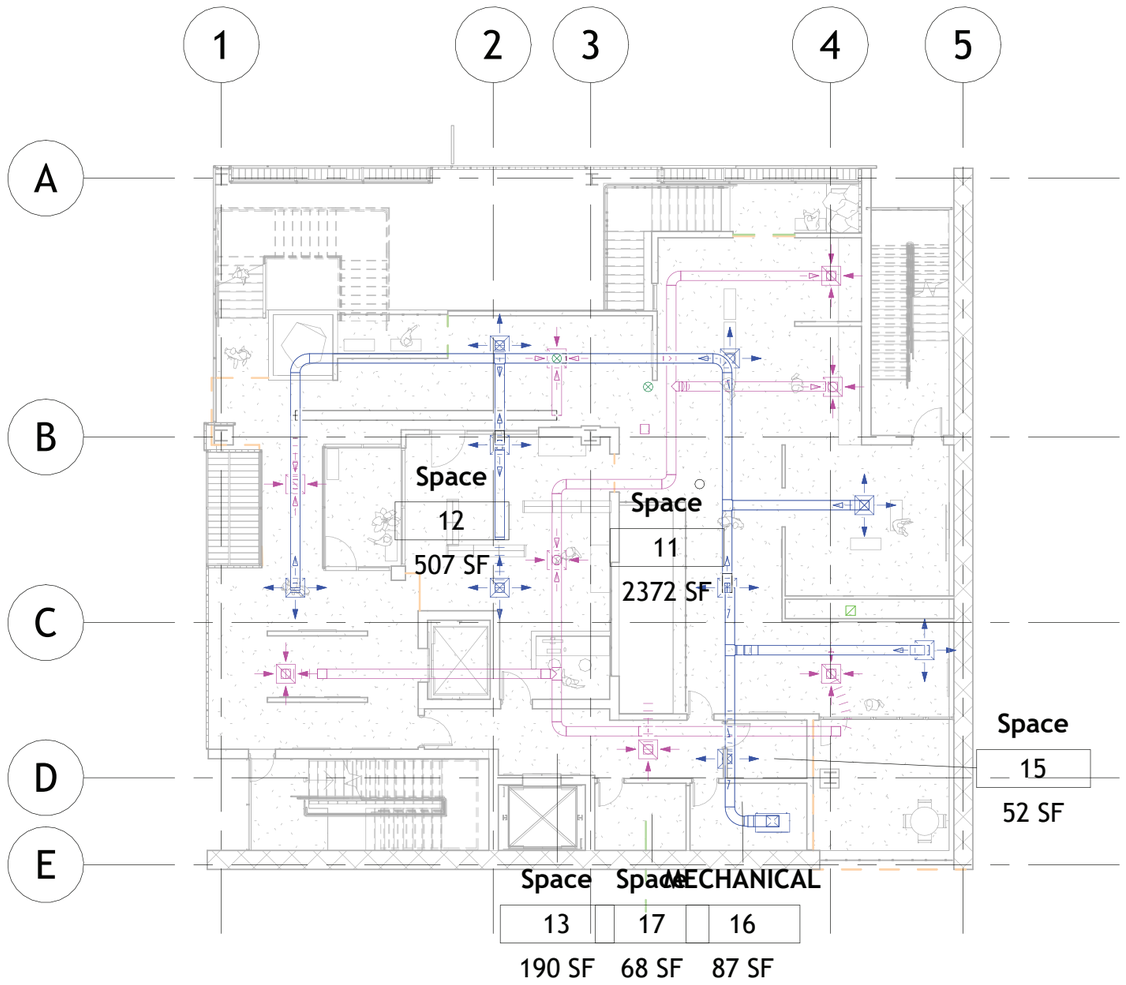
M102



1 MEP LEVEL 3
1/16" = 1'-0"

HVAC SYMBOL LEGEND	
	AIR HANDLING UNIT- SPLIT SYSTEM
	EXHAUST GRILL 24 X 24
	RETURN DIFUSSER 24 X 24
	SUPPLY GRILL 24 X 24
	SIDEWALL SUPPLY DIFFUSER

HVAC LEGEND
3/16" = 1'-0"

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Sheet Name:

MECHANICAL PLAN

Scale:
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Grade:

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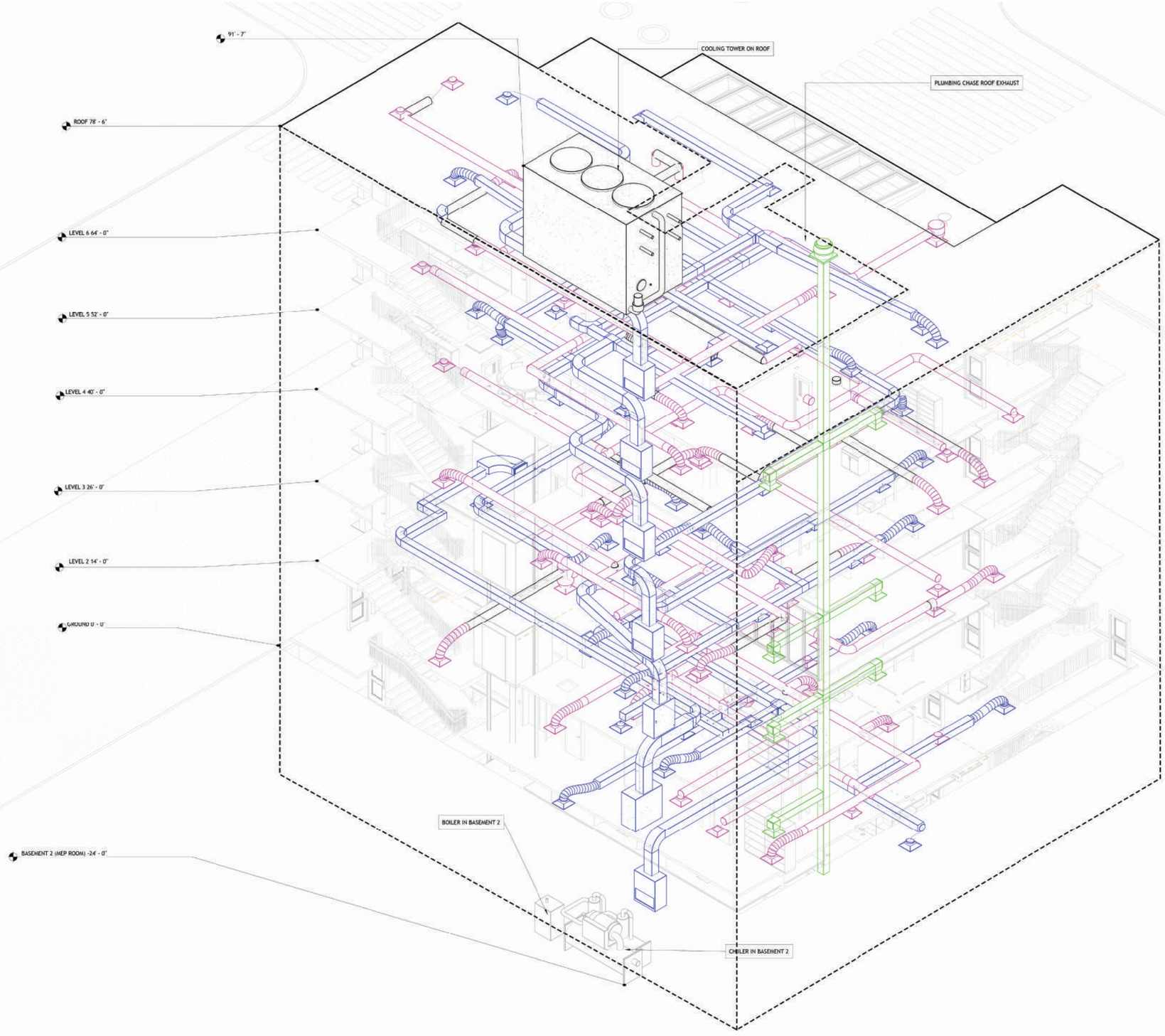
Sheet No.
M103



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LANGSTON HUGHES LITERACY CENTER

2015 5TH AVE,
NEW YORK, NY 10035

Sheet Name:

HVAC AXON

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NTS

Grade:

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Sheet No.

M201

ELECTRICAL LEGEND	
	DUPLEX RECEPTACLE: GFCI
DR	LIGHT SWITCH DOOR

LIGHTING FIXTURE LEGEND	
	LIGHT PENDANT- VIBIA- RHYTHM CHAOTIC
	DOWNLIGHT RECTANGLE
	INTERIOR WALL SCONCE
	DOWNLIGHT RECESSED CANLIGHT 6"
	CIELING MOUNTED EMERGENCY EXIT SIGN
	PENDANT LIGHT GLOBE
	EXTERIOR WALL SCONCE
	SURFACE MOUNTED VANITY LIGHT

ELECTRICAL GENERAL NOTES

1. Contractor shall install all HVAC systems in accordance with the approved drawings and manufacturer's recommendations, ensuring proper clearances, alignment, and functioning of equipment.
2. Contractor shall provide all necessary ductwork, dampers, insulation, and airflow control devices as shown on the mechanical drawings, ensuring that all systems provide adequate ventilation and comply with air exchange rates as required by local codes.
3. Contractor shall ensure that all ductwork is sealed and insulated as required by the project specifications and local energy codes to minimize heat loss and prevent condensation.
4. Contractor shall provide proper balancing and commissioning of HVAC systems to ensure that the building achieves the required temperature, humidity, and air quality conditions.
5. Contractor shall ensure that all HVAC equipment, including air handlers, units, fans, and exhaust systems, is installed in accordance with the manufacturer's instructions, with proper access for maintenance and service.
6. Contractor shall ensure that the HVAC system is designed and installed to minimize noise levels, following the project specifications and best practices for noise control.
7. Contractor shall install and verify the proper operation of all thermostats, humidistats, controls, and sensors to ensure system functionality and energy efficiency.

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GENERAL NOTES

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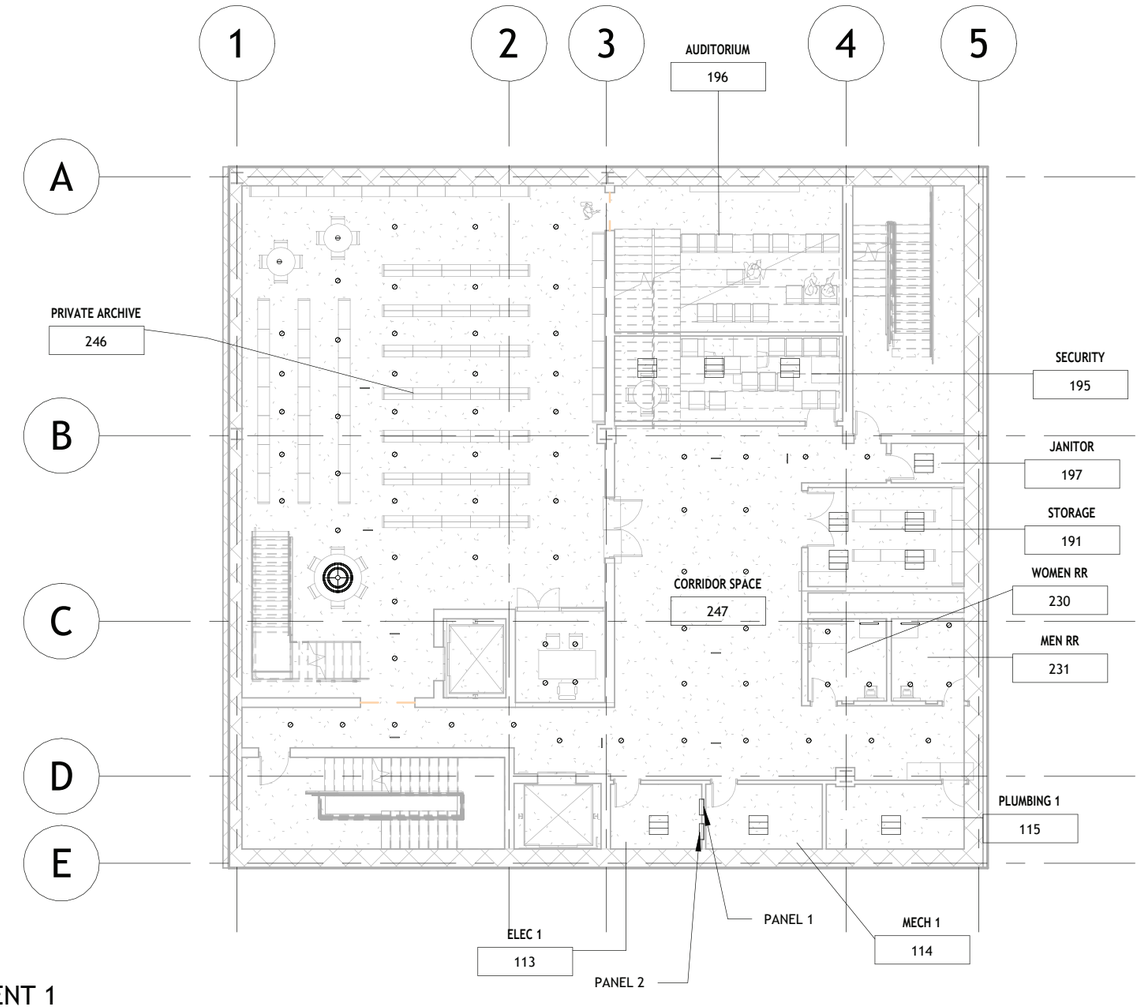
Sheet No.

E100



1 ELECTRICAL - BASEMENT 1
1/16" = 1'-0"

PANEL 1- ELECTRICAL LOAD = 600 VA
PRIVATE ARCHIVE= 45 FIXTURES
SECURITY= 3 FIXTURES
JANITOR = 1 FIXTURES

PANEL 2- ELECTRICAL LOAD = 400 VA
STORAGE= 4 FIXTURES
MEN'S RR= 4 FIXTURES
WOMEN'S RR= 4 FIXITURES
PLUMBING= 1 FIXTURE
MECH= 1 FIXTURE
ELEC= 1 FIXTURE
CORRIDOR SPACE= 24 FIXTURES

ELECTRICAL LEGEND	
	DUPLEX RECEPTACLE: GFCI
DR	LIGHT SWITCH DOOR

LIGHTING FIXTURE LEGEND	
	LIGHT PENDANT- VIBIA- RHYTHM CHAOTIC
	DOWNLIGHT RECTANGLE
	INTERIOR WALL SCONCE
	DOWNLIGHT RECESSED CANLIGHT 6"
	CIELING MOUNTED EMERGENCY EXIT SIGN
	PENDANT LIGHT GLOBE
	EXTERIOR WALL SCONCE
	SURFACE MOUNTED VANITY LIGHT

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Sheet Name:

ELECTRICAL-BASEMENT 1

Scale:
1/16" = 1'-0"

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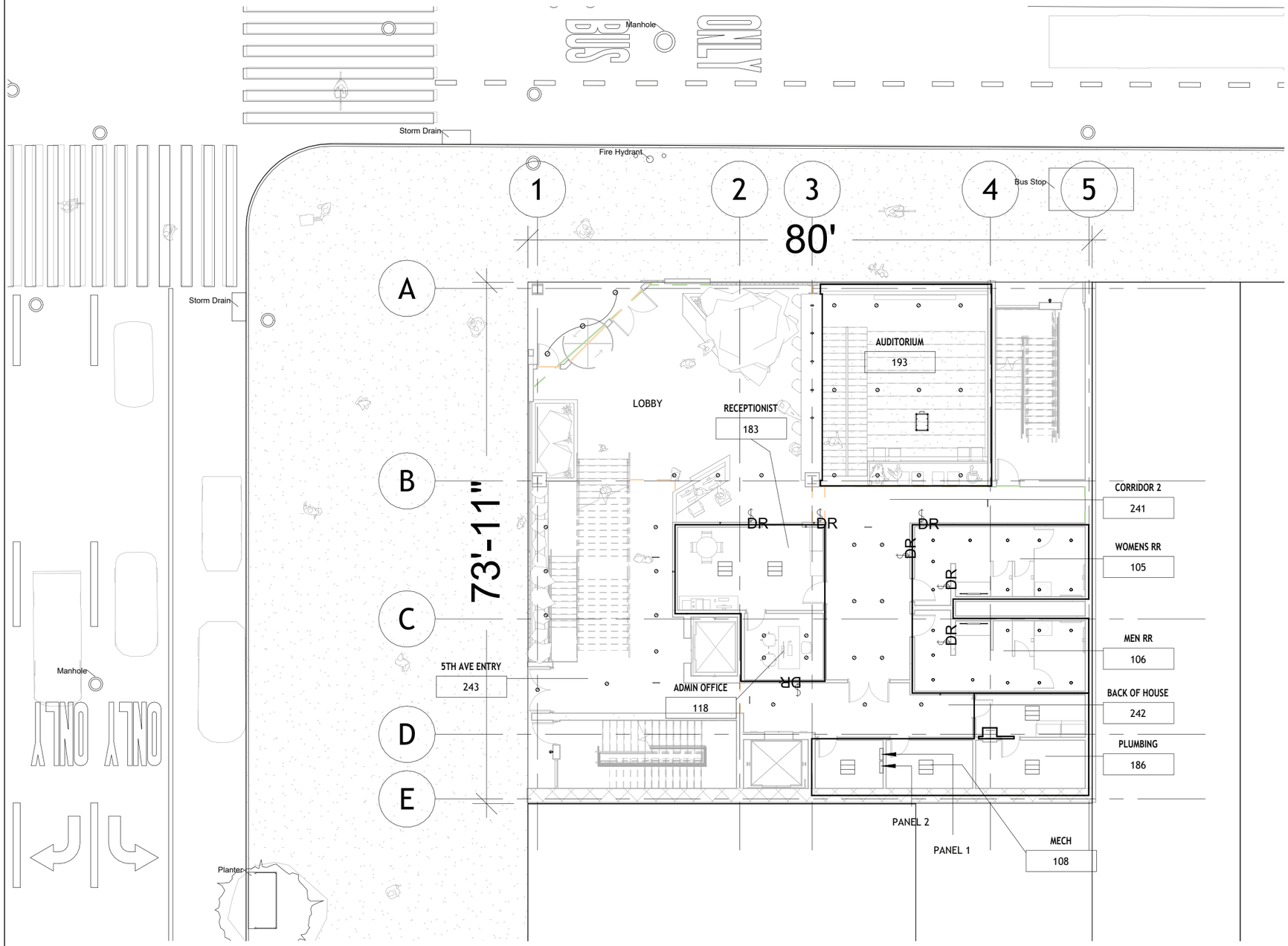
E101



1 ELEC GROUND(1)
1/16" = 1'-0"

PANEL 1- ELECTRICAL LOAD = 600 VA
MENS BATHROOM= 11 FIXTURES
WOMEN'S BATHROOM= 11 FIXTURES
BACK OF HOUSE = 3 FIXTURES
CORRIDOR 2= 6 FIXTURES

PANEL 2- ELECTRICAL LOAD = 600 VA
AUDITORIUM= 17 FIXUTRES
RECEPTION= 2 FIXTURES
ADMIN OFFICE = 4 FIXTURES
5TH AVE ENTRY= 7 FIXTURES
PLUMBING = 2 FIXTURES
MECHANICAL = 1 FIXTURES
ELECTRICAL = 1 FIXTURES

ELECTRICAL LEGEND	
⁼	DUPLEX RECEPTACLE: GFCI
DR	LIGHT SWITCH DOOR

LIGHTING FIXTURE LEGEND	
	LIGHT PENDANT- VIBIA- RHYTHM CHAOTIC
	DOWNLIGHT RECTANGLE
	INTERIOR WALL SCONCE
	DOWNLIGHT RECESSED CANLIGHT 6"
	CIELING MOUNTED EMERGENCY EXIT SIGN
	PENDANT LIGHT GLOBE
	EXTERIOR WALL SCONCE
	SURFACE MOUNTED VANITY LIGHT

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Sheet Name:

ELECTRICAL-GROUND PLAN

Scale:
1/16" = 1'-0"

Grade:

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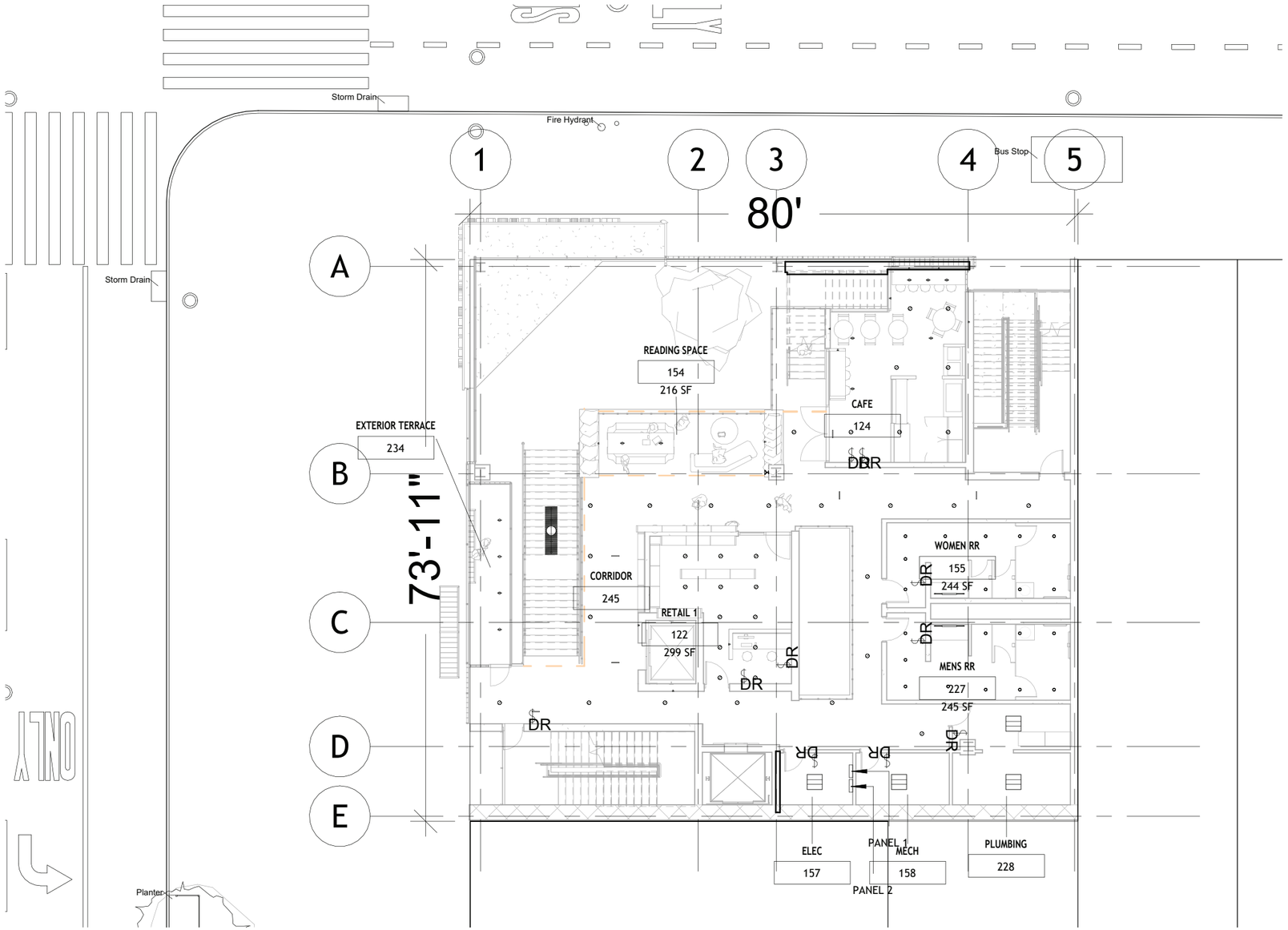
Sheet No.
E102



1 ELECTRICAL-LEVEL 2
1/16" = 1'-0"

PANEL 1- ELECTRICAL LOAD = 600 VA
MENS BATHROOM= 11 FIXTURES
WOMEN'S BATHROOM= 11 FIXTURES
PLUMBING= 2 FIXTURES
CORRIDOR = 18 FIXTURES

PANEL 2- ELECTRICAL LOAD = 600 VA
CAFE = 13 FIXTURES
READING SPACE = 3 FIXTURES
EXTERIOR TERRACE = 4 FIXTURES
RETAIL = 12 FIXTURES
PLUMBING = 2 FIXTURES
MECH = 1 FIXTURES
ELEC = 1 FIXTURES

ELECTRICAL LEGEND	
	DUPLEX RECEPTACLE: GFCI
DR	LIGHT SWITCH DOOR

LIGHTING FIXTURE LEGEND	
	LIGHT PENDANT- VIBIA- RHYTHM CHAOTIC
	DOWNLIGHT RECTANGLE
	INTERIOR WALL SCONCE
	DOWNLIGHT RECESSED CANLIGHT 6"
	CIELING MOUNTED EMERGENCY EXIT SIGN
	PENDANT LIGHT GLOBE
	EXTERIOR WALL SCONCE
	SURFACE MOUNTED VANITY LIGHT

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Sheet Name:

ELECTRICAL 2ND LEVEL

Scale:
1/16" = 1'-0"

Grade:

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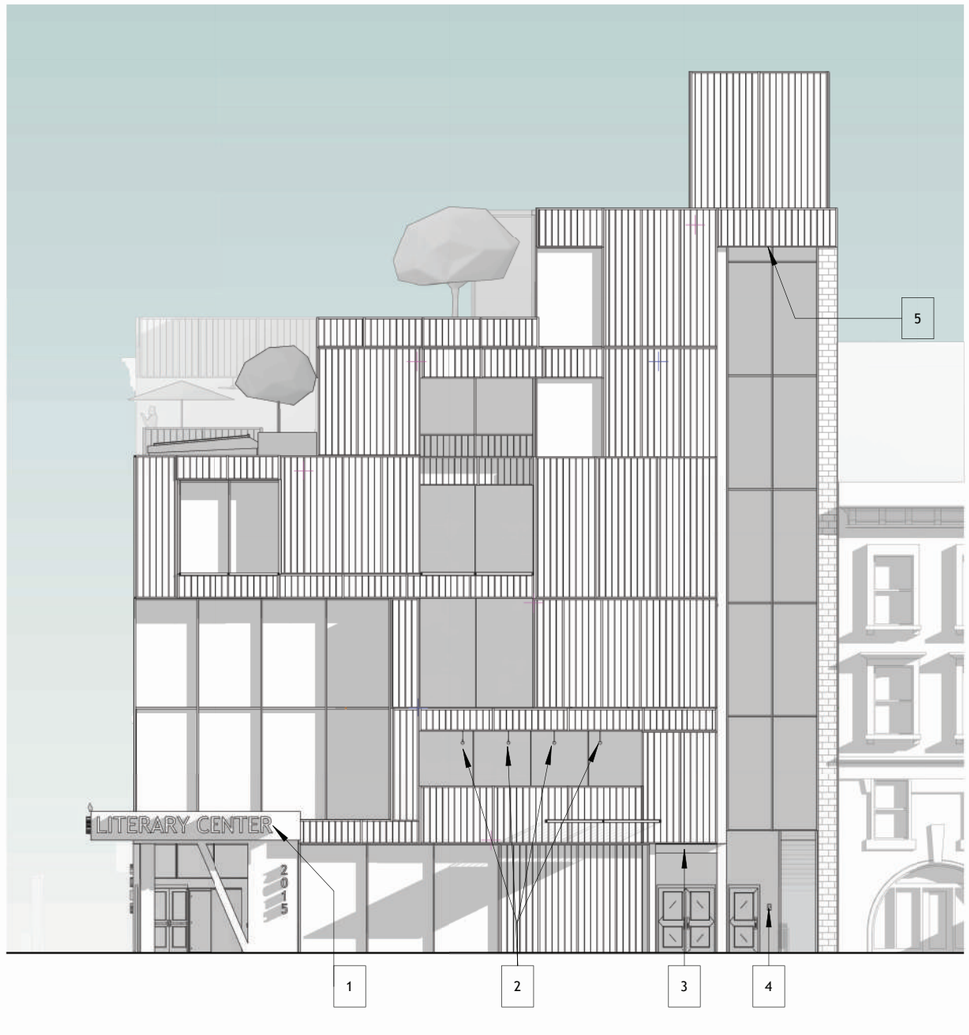
E103

KEYNOTES	
1	LED LIGHT SIGNAGE
2	EXTERIOR TERRACE, PENDANT LIGHT
3	RECESSED 6" DOWNLIGHT CAN
4	EXTERIOR WALL LAMP
5	RECESSED 10" HIGH-HAT DOWNLIGHT
6	EXTERIOR FAN W/ LIGHTING

1 ELECTRICAL-125TH ELEVATION
1/16" = 1'-0"



2 ELECTRICAL -5TH AVE ELEVATION
1/16" = 1'-0"

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Sheet Name:

ELECTRICAL ELEVATION

Scale:
1/16" = 1'-0"
Grade:

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E104

PLUMBING LEGEND	
	CITY MAIN WATER LINE
	SEWER LINE
	COLD WATER SUPPLY
	HOT WATER SUPPLY

PLUMBING FIXTURES KEY NOTES	
1	WALL MOUNTED TOILET
2	WALL MOUNTED URINAL
3	LAVATORIES
4	DRINKING FOUNTAIN
5	KITCHENETTE SINK
6	REFRIGERATOR

PLUMBING GENERAL NOTES

1. Contractor shall install all plumbing systems, including water supply, drainage, venting, and gas systems, in strict accordance with the approved drawings, local plumbing codes (e.g., UPC, IPC), and manufacturer's instructions.
2. Contractor shall verify the location and installation of all plumbing fixtures, including sinks, toilets, showers, and water heaters, in accordance with the project drawings and specifications.
3. Contractor shall ensure that all plumbing piping is properly supported and secured, and that pipe insulation is provided where required to prevent freezing or heat loss.
4. Contractor shall test all plumbing systems for leaks and verify the correct operation of all fixtures and equipment before the systems are considered complete and ready for use.
5. Contractor shall ensure that backflow preventers are installed in accordance with local codes to protect the public water supply.
6. Contractor shall ensure that all plumbing systems are flushed, cleaned, and disinfected in accordance with the project specifications and industry standards.
7. Contractor shall ensure that all water lines are properly sized to meet the required flow rates and pressure requirements specified in the design documents.

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GENERAL NOTES

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P100

OCCUPANCY LOADS				
ROOM #	ROOM Name	Area	LOAD FACTOR	OCCUPANT LOAD
BASEMENT 2				
198	BREAKROOM	449 SF	20 SF	22
250	ELECTRICAL	213 SF	200 SF	1
151	FAMILY PACKAGE DISTRIBUTION	1817 SF	500 SF	4
199	LOCKERS	78 SF	15 SF	5
251	MECHANICAL ROOM	696 SF	300 SF	2
249	PLUMBING ROOM	146 SF	100 SF	1
BASEMENT 1				
196	AUDITORIUM	375 SF	18 SF	21
247	CORRIDOR SPACE	1113 SF	300 SF	4
113	ELEC 1	66 SF	300 SF	0
197	JANITOR	32 SF	300 SF	0
114	MECH 1	84 SF	300 SF	0
231	MEN RR	66 SF		
119	P.A. OFFICE	93 SF	93 SF	1
115	PLUMBING 1	99 SF	300 SF	0
246	PRIVATE ARCHIVE	1902 SF	30 SF	63
195	SECURITY	217 SF	100 SF	2
191	STORAGE	172 SF	300 SF	1
230	WOMEN RR	72 SF		
GROUND				
118	ADMIN OFFICE	105 SF	100 SF	1
193	AUDITORIUM	664 SF	18 SF	37
242	BACK OF HOUSE	232 SF	100 SF	2
241	CORRIDOR 2	449 SF		
109	ELEC	66 SF	300 SF	0
266	LOBBY	927 SF	50 SF	19
108	MECH	84 SF	300 SF	0
106	MEN RR	235 SF		
183	RECEPTIONIST	244 SF	100 SF	2
186	STORAGE	99 SF	300 SF	0
105	WOMENS RR	234 SF		
LEVEL 2				
124	CAFE	415 SF	15 SF	28
245	CORRIDOR	2490 SF		
157	ELEC	66 SF	300 SF	0
234	EXTERIOR TERRACE	137 SF	30 SF	5
158	MECH	84 SF	300 SF	0
227	MENS RR	235 SF		
228	PLUMBING	186 SF	300 SF	1

OCCUPANCY LOADS				
ROOM #	ROOM Name	Area	LOAD FACTOR	OCCUPANT LOAD
154	READING SPACE	216 SF	18 SF	12
122	RETAIL 1	299 SF	30 SF	10
155	WOMEN RR	234 SF		
LEVEL 3				
235	BACK OF HOUSE	190 SF	190 SF	1
166	ELEC	68 SF	300 SF	0
222	GALLERY	2357 SF	20 SF	118
165	MECH	87 SF	300 SF	0
202	RETAIL 2	507 SF	30 SF	17
221	STORAGE	52 SF	300 SF	0
LEVEL 4				
236	BACK OF HOUSE	252 SF		
205	CONFERENCE ROOM	341 SF	15 SF	23
220	ELEC	66 SF	300 SF	0
217	LANGSTON HUGHES WING	648 SF	30 SF	22
219	MECH	84 SF	300 SF	0
216	MEN'S RR	232 SF		
218	PLUMBING & JANITOR	184 SF	300 SF	1
214	RETAIL 3	673 SF	30 SF	22
215	WOMENS RR	231 SF		
LEVEL 5				
237	ELEC	68 SF	300 SF	0
209	LIBRARY	2336 SF	30 SF	78
248	LIBRARY TERRACE	572 SF	15 SF	38
238	MECH	75 SF	300 SF	0
212	MEN'S RR	122 SF		
207	PLUMBING/ STORAGE/JANITOR	139 SF		
239	RESIDENCE 1	226 SF	226 SF	1
211	RESIDENCE 1 BALCONY	80 SF		
139	WOMEN'S RR	115 SF		
LEVEL 6				
224	ELEC	68 SF	300 SF	0
225	MECH	68 SF	300 SF	0
175	MEN'S RR	122 SF	300 SF	0
226	PLUMBING	75 SF	300 SF	0
213	RESIDENCE 2	340 SF	300 SF	1
223	RESIDENCE BALCONY	106 SF	300 SF	0
176	WOMEN'S RR	115 SF	300 SF	0
		25991 SF		571

TOTAL BUILDING OCCUPANCY: 571
MEN= 285.5 TO 286 WOMEN: 285.5 TO 286

USING ASSEMBLY CODE A-2D
WATERCLOSET
MEN- 1 PER 75= TOTAL 4
WOMEN- 1 PER 75 = TOTAL 4

LAVATORIES
MEN- 1 PER 200 =3
WOMEN- 1 PER 200 =3

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Sheet Name:

PLUMBING-GENERAL

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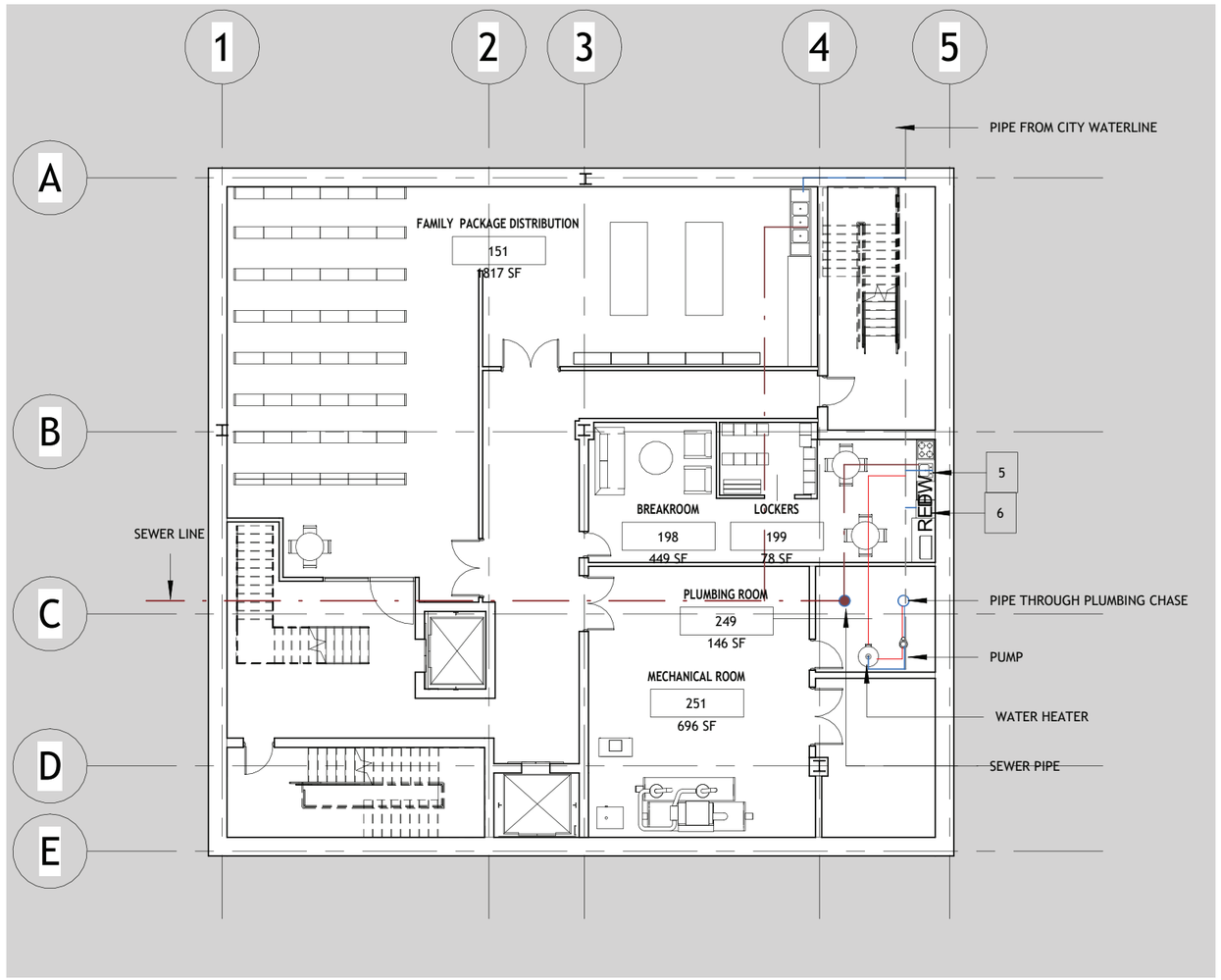
Sheet No.

P101



PLUMBING LEGEND	
	CITY MAIN WATER LINE
	SEWER LINE
	COLD WATER SUPPLY
	HOT WATER SUPPLY

PLUMBING FIXTURES KEY NOTES	
1	WALL MOUNTED TOILET
2	WALL MOUNTED URINAL
3	LAVATORIES
4	DRINKING FOUNTAIN
5	KITCHENETTE SINK
6	REFRIGERATOR

1 PLUMBING-BASEMENT 2
1/16" = 1'-0"

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Sheet Name:

PLUMBING PLANS

Scale:
1/16" = 1'-0"
Grade:

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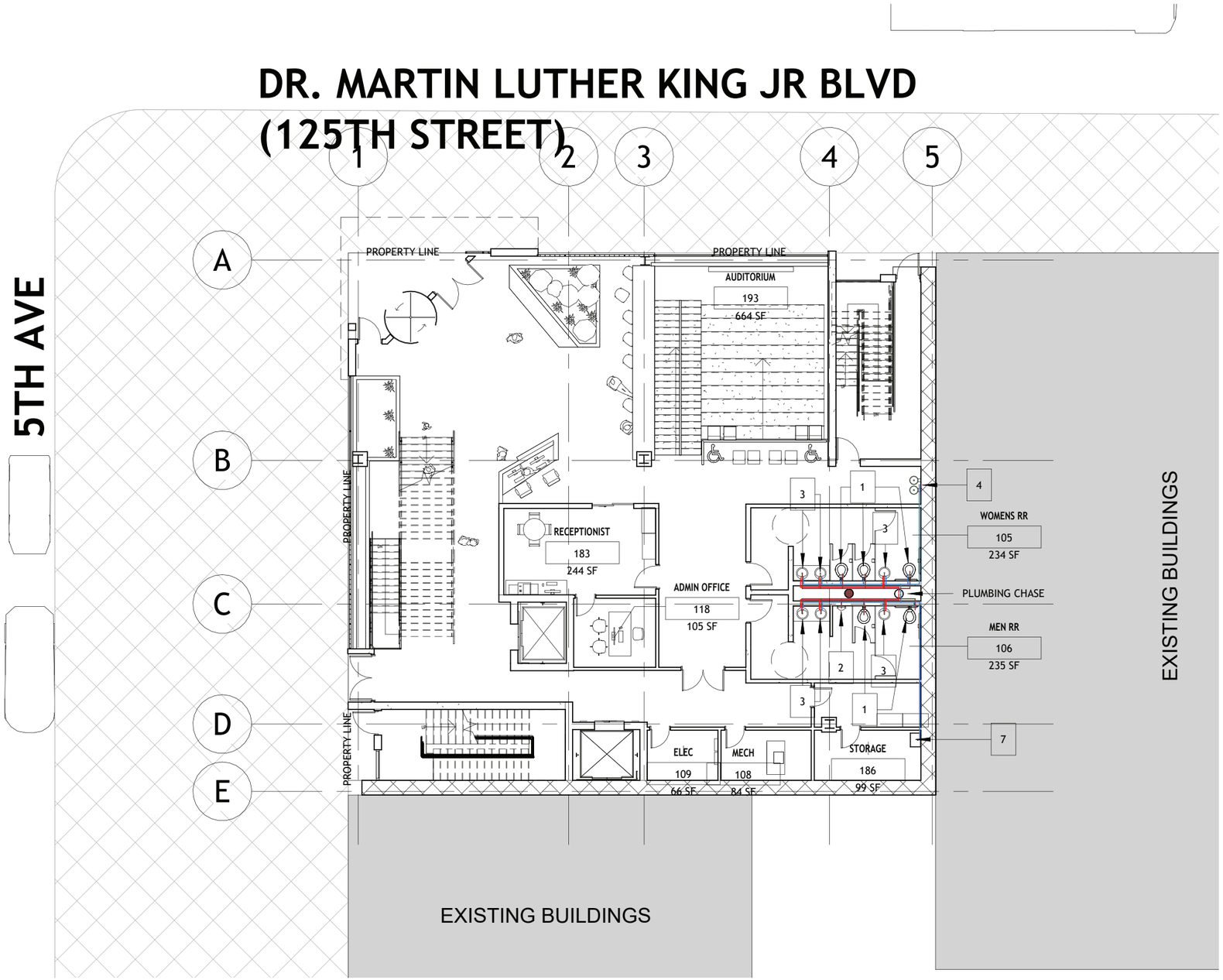
P102



1 PLUMBING- GROUND
1/16" = 1'-0"

PLUMBING FIXTURES KEY NOTES	
1	WALL MOUNTED TOILET
2	WALL MOUNTED URINAL
3	LAVATORIES
4	DRINKING FOUNTAIN
5	KITCHENETTE SINK
6	REFRIGERATOR
7	MOP SINK

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Sheet Name:

PLUMBING-GROUND

Scale:
1/16" = 1'-0"

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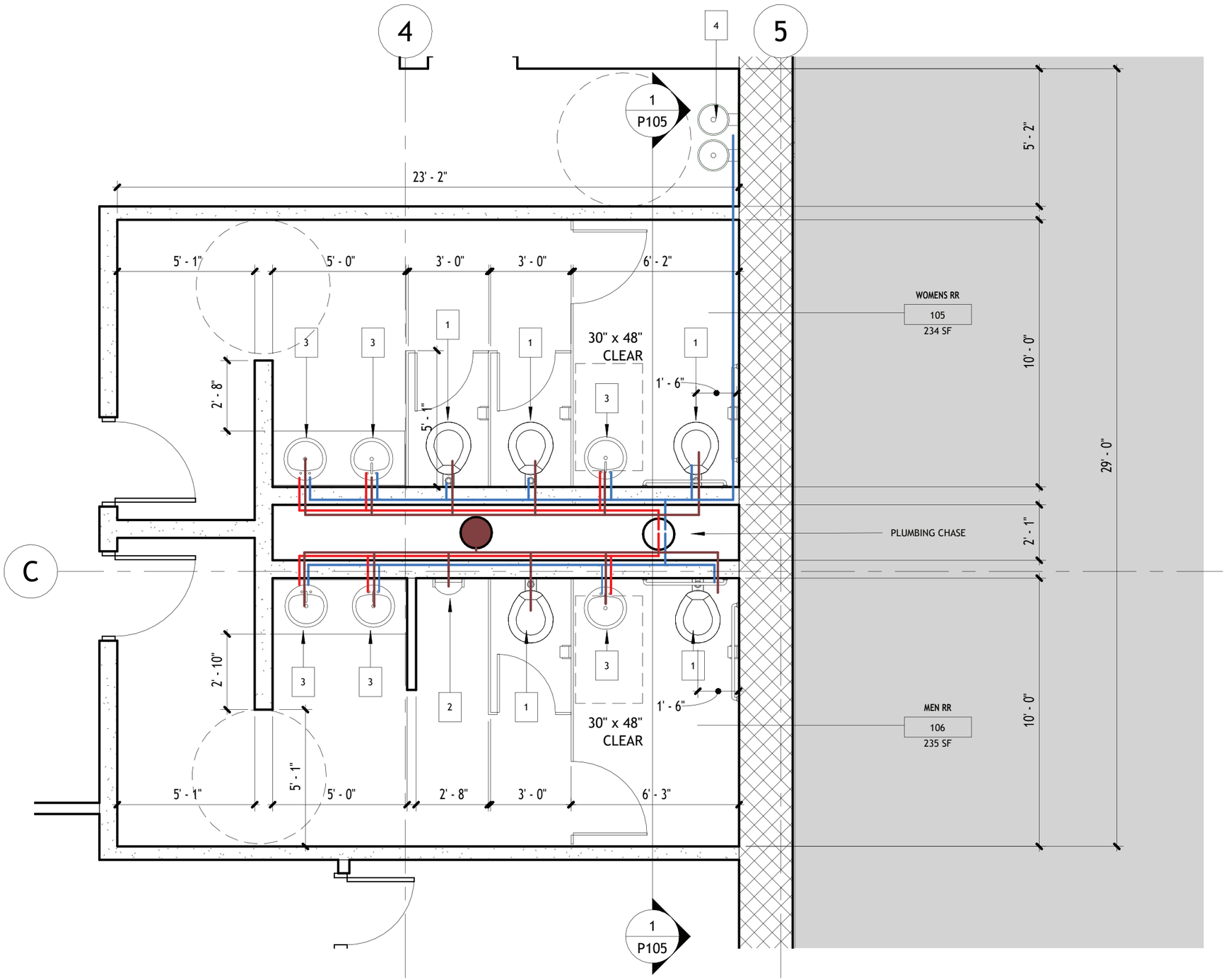
P103



1 PLUMBING- GROUND -BATHROOM
1/4" = 1'-0"

PLUMBING FIXTURES KEY NOTES	
1	WALL MOUNTED TOILET
2	WALL MOUNTED URINAL
3	LAVATORIES
4	DRINKING FOUNTAIN
5	KITCHENETTE SINK
6	REFRIGERATOR
7	MOP SINK

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Sheet Name:

BATHROOM

Scale:
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Sheet No.
P104

REFLECTING CIELING PLAN LEGEND

	LIGHT PENDANT VIBIA - RHYTHM CHAOTIC
	RECESSED DOWNLIGHT 4"
	RECESSED DOWNLIGHT 8"
	SURFACE MOUNTED VANITY LIGHT
	PENDANT LIGHT, ROUND
	CIELING MOUNTED TROFFER
	WALL SCONCE
	SEMI- RECESSED SPRINKLER
	EMERGENCY EXIT LIGHT

NOTE: REFER TO M100 FOR HVAC SYMBOL LEGEND

REFLECTED CIELING PLAN GENERAL NOTES

1. Contractor shall verify all dimensions, ceiling heights, and conditions in the field prior to ordering materials or commencing installation. Report any discrepancies to the architect or engineer for resolution.
2. Contractor shall install all ceiling systems and components in accordance with the manufacturer's instructions, project specifications, and approved shop drawings.
3. Contractor shall coordinate all ceiling-mounted components (e.g., lighting, HVAC diffusers, sprinklers, speakers, exit signs, etc.) with the electrical, mechanical, and fire protection trades to ensure proper placement and clearances.
4. Contractor shall provide proper support for all ceiling-mounted equipment, ensuring that structural members, hangers, and attachments are installed in compliance with the applicable building codes.
5. Contractor shall ensure that all ceiling tiles, panels, and finishes are installed with proper alignment and fit, with uniform joint spacing and edge details as specified.
6. Contractor shall ensure that all ceiling systems are level, with no visible gaps or uneven seams between tiles or panels, and that the ceiling is properly secured to prevent any movement.
7. Contractor shall ensure that all ceiling elements, including light fixtures, diffusers, sprinklers, and other fixtures, are installed and properly aligned with the reflected ceiling plan, as shown on the drawings.
8. Contractor shall install and seal all ceiling penetrations (e.g., for ductwork, piping, or wiring) in compliance with fire-rated assembly requirements, as indicated on the drawings or required by local building codes.
9. Contractor shall ensure that all ceiling-mounted light fixtures are properly installed, connected, and wired per the electrical plans, and in accordance with the manufacturer's instructions.
10. Contractor shall verify that all ceiling-mounted HVAC diffusers, returns, and grilles are installed in accordance with the mechanical design and manufacturer recommendations.
11. Contractor shall ensure that the ceiling system accommodates all mechanical, electrical, and plumbing (MEP) systems with proper clearance for maintenance and service access, as shown on the reflected ceiling plan.
12. Contractor shall ensure that ceiling materials and finishes match the specifications outlined in the project documents and meet the required aesthetic and functional requirements.
13. Contractor shall protect all ceiling materials from damage during construction, including protecting tiles and panels from excessive moisture, dirt, or physical damage.
14. Contractor shall ensure all ceiling finishes are free of defects, stains, or visible damage before final acceptance, and that the overall appearance of the ceiling is uniform and meets the design standards.
15. Contractor shall coordinate ceiling installation with other trades to ensure that no conflicts occur between ceiling elements and other systems (e.g., plumbing, electrical, mechanical).
16. Contractor shall remove and replace any ceiling tiles or panels that are damaged or do not meet the specified quality standards before final inspection and acceptance of the work.
17. Contractor shall provide a complete and accurate final inspection of the ceiling system, ensuring that all components are securely installed, and that the finished ceiling complies with the design intent and all applicable codes.

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GENERAL NOTES

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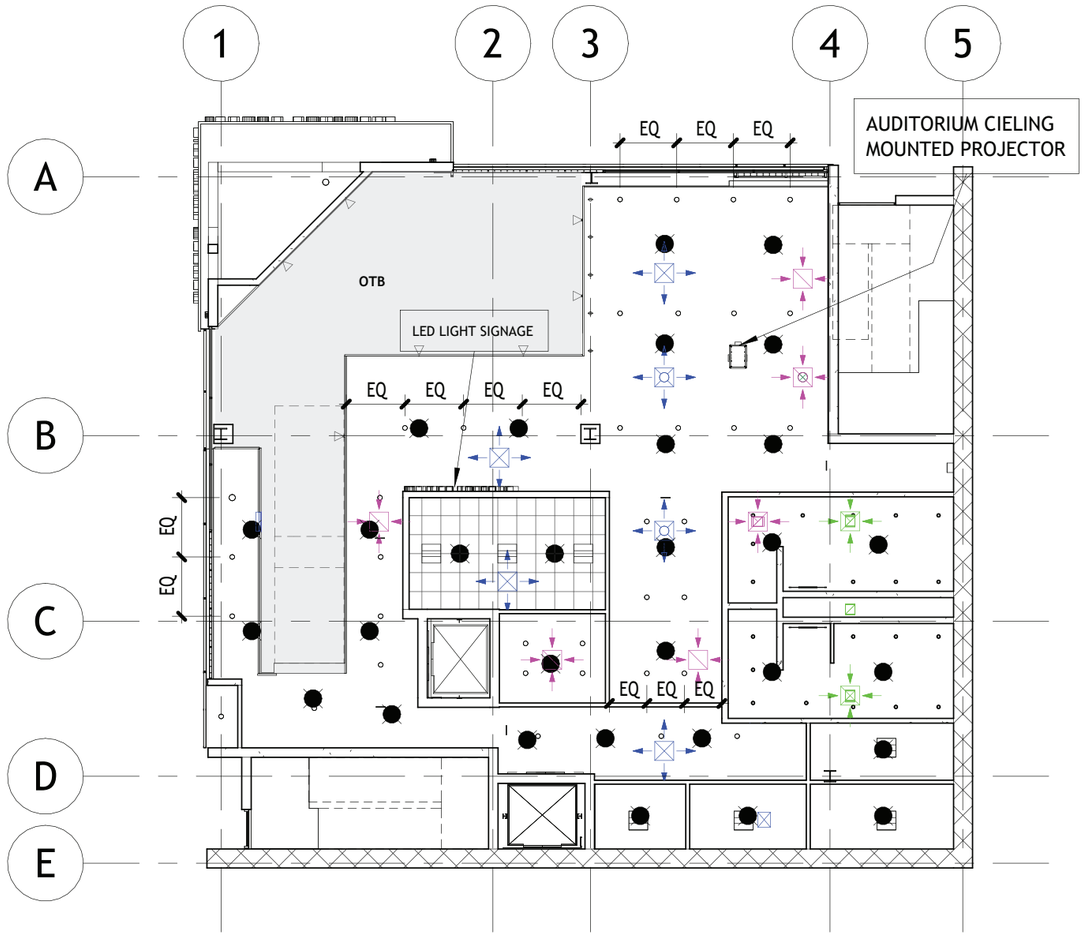
RCP100



1 RCP-GROUND
1/16" = 1'-0"

REFLECTING CIELING PLAN LEGEND	
	LIGHT PENDANT VIBIA - RHYTHM CHAOTIC
	RECESSED DOWNLIGHT 4"
	RECESSED DOWNLIGHT 8"
	SURFACE MOUNTED VANITY LIGHT
	PENDANT LIGHT, ROUND
	CIELING MOUNTED TROFFER
	WALL SCONCE
	SEMI- RECESSED SPRINKLER
	EMERGENCY EXIT LIGHT

NOTE: REFER TO M100 FOR HVAC SYMBOL LEGEND

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Sheet Name:

RCP GROUND

Scale:
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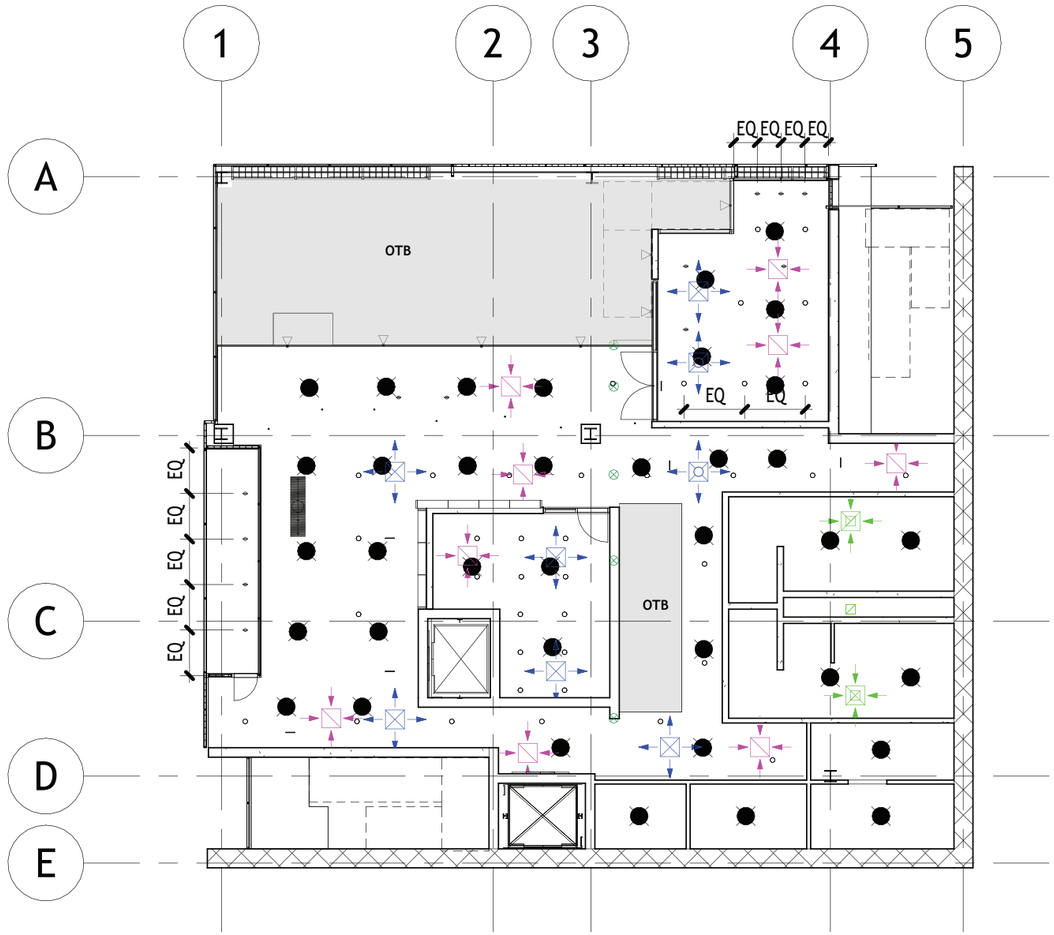
RCP101



1 LEVEL 2
1/16" = 1'-0"

REFLECTING CIELING PLAN LEGEND	
	LIGHT PENDANT VIBIA - RHYTHM CHAOTIC
	RECESSED DOWNLIGHT 4"
	RECESSED DOWNLIGHT 8"
	SURFACE MOUNTED VANITY LIGHT
	PENDANT LIGHT, ROUND
	CIELING MOUNTED TROFFER
	WALL SCONCE
	SEMI- RECESSED SPRINKLER
	EMERGENCY EXIT LIGHT

NOTE: REFER TO M100 FOR HVAC SYMBOL LEGEND

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Sheet Name:

RCP- LEVEL 2

Scale:
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RCP102

FIRE SAFTEY LEGEND	
●	SEMI-RECESSED SPRINKLER
▷	SEMI-RECESSED HORIZONTAL SIDEWALL SPRINKLER
I	EXIT SIGN
F	FIRE EXTINGUISHER
●	STANDPIPES

FIRE PROTECTION GENERAL NOTES

1. Contractor shall install the fire protection system, including sprinklers, standpipes, and fire alarms, as designed and in compliance with the National Fire Protection Association (NFPA) codes and local fire regulations.
2. Contractor shall ensure that the fire sprinkler system is fully tested and operational prior to occupancy, including hydrostatic testing of pipes and operational testing of sprinklers and alarms.
3. Contractor shall ensure that all fire alarm components, including pull stations, smoke detectors, horns, and strobes, are installed according to the fire alarm system design and meet the requirements of NFPA 72 and local fire codes.
4. Contractor shall verify that all fire protection equipment is accessible for future maintenance, with clearances as required by code.
5. Contractor shall verify the proper installation and operation of all fire protection systems and equipment prior to the final inspection and occupancy of the building.

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GENERAL NOTES

Scale:

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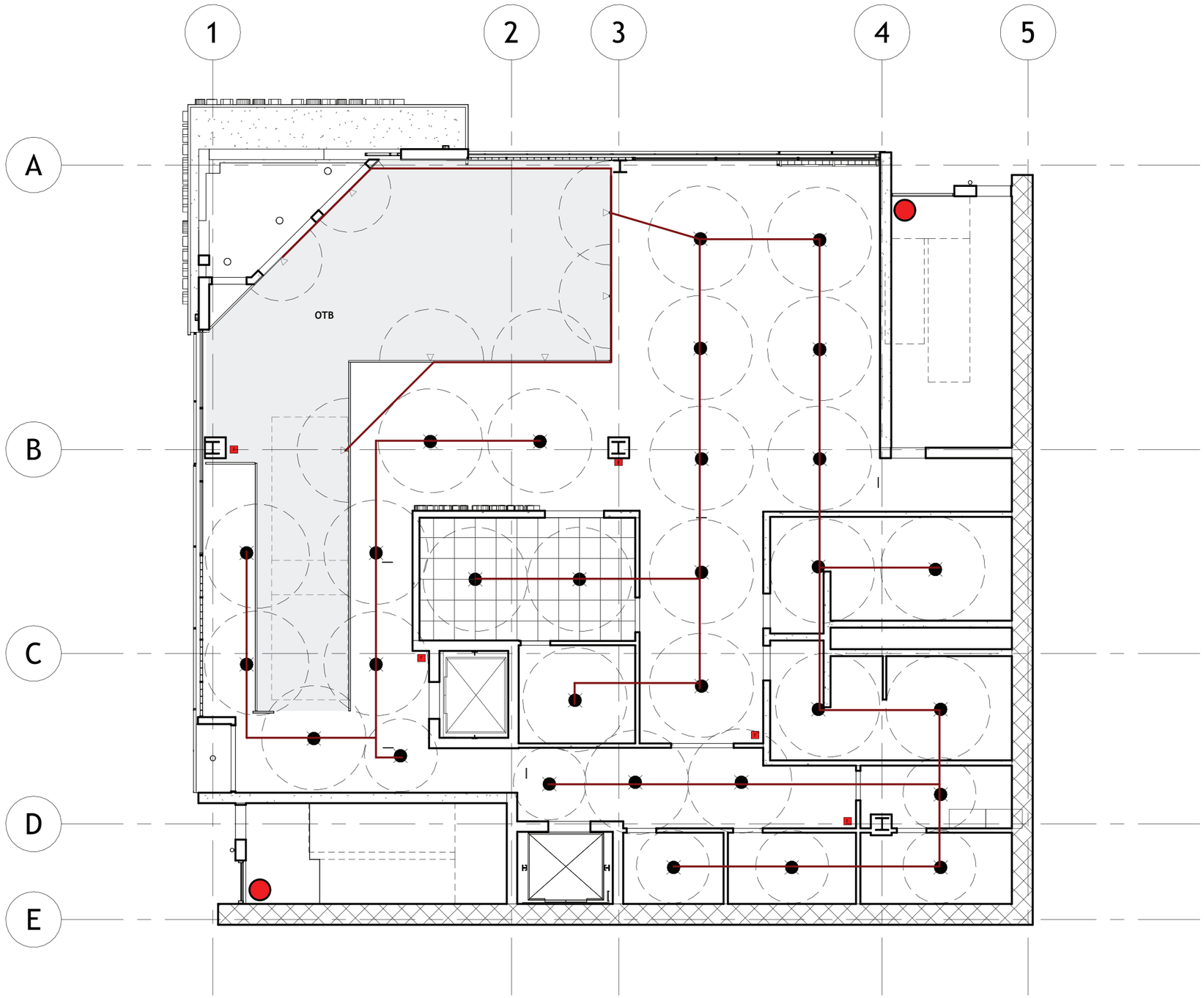
FP100



FIRE SAFTEY LEGEND	
	SEMI-RECESSED SPRINKLER
	SEMI-RECESSED HORIZONTAL SIDEWALL SPRINKLER
	EXIT SIGN
F	FIRE EXTINGUISHER
	STANDPIPES

1 FIRE SAFETY- GROUND
3/32" = 1'-0"

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FIRE PROTECTION

Scale:
3/32" = 1'-0"
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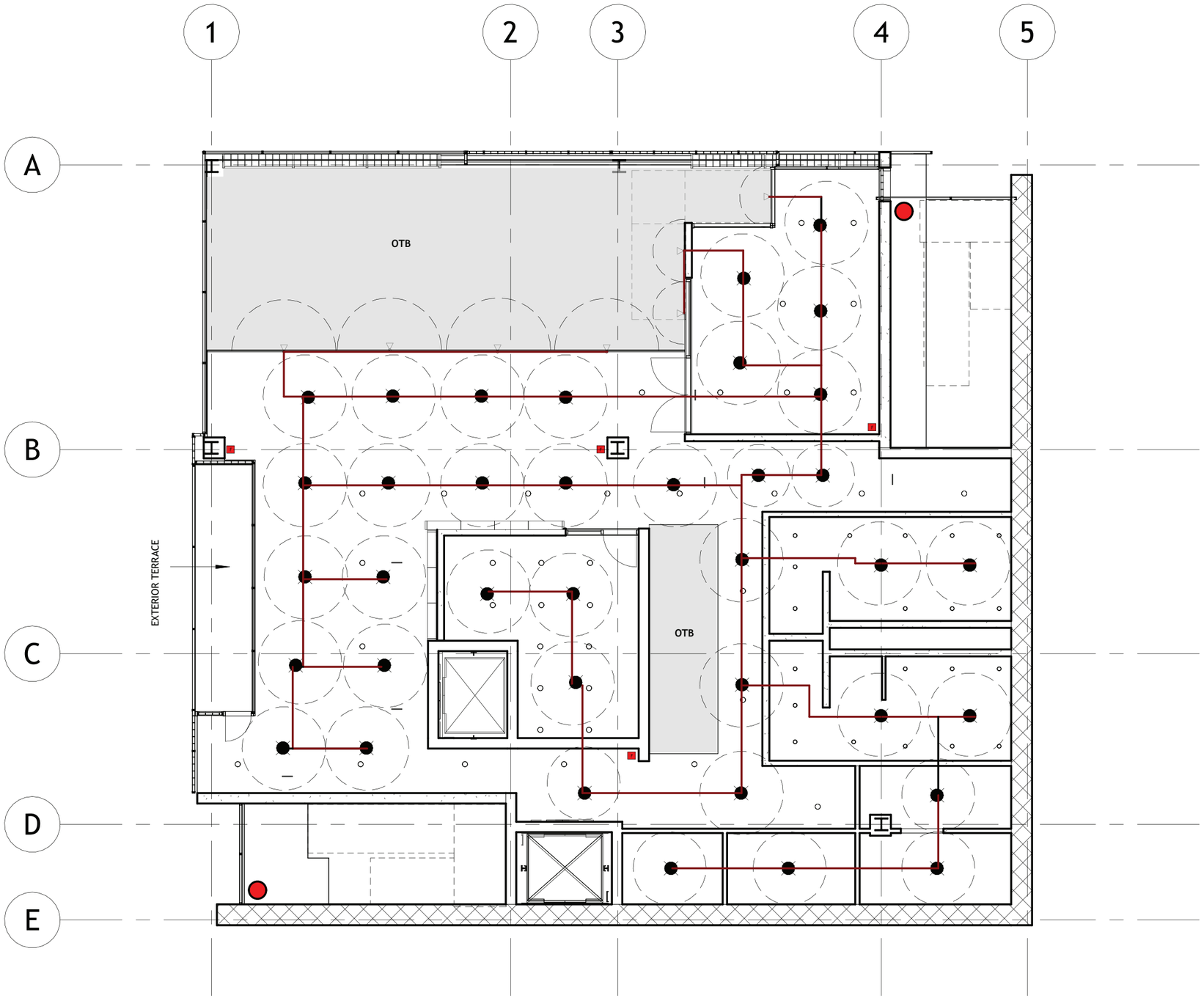
Sheet No.

FP101



FIRE SAFTEY LEGEND	
	SEMI-RECESSED SPRINKLER
	SEMI-RECESSED HORIZONTAL SIDEWALL SPRINKLER
	EXIT SIGN
F	FIRE EXTINGUISHER
	STANDPIPES

1 FIRE SAFETY-LEVEL 2
3/32" = 1'-0"

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FIRE PROTECTION

Scale:
3/32" = 1'-0"
Grade:

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FP102

DETAIL GENERAL NOTES

1. Contractor shall verify all dimensions, materials, and conditions in the field before beginning work. Notify the architect or engineer of any discrepancies between the drawings and existing conditions.
2. Contractor shall construct all details as shown on the drawings and in accordance with the specifications. If any discrepancies are found between the details and the plans, the contractor shall immediately notify the architect/engineer for clarification.
3. Contractor shall provide all materials, labor, and equipment necessary to complete the details shown on the drawings, including all components, finishes, and accessories.
4. Contractor shall ensure that all work is performed in accordance with the latest applicable building codes, industry standards, and manufacturer's instructions.
5. Contractor shall provide accurate and properly coordinated shop drawings for all custom fabricated items (e.g., metal panels, custom windows, special doors) to be used in the details before fabrication or installation.
6. Contractor shall follow the sequence of construction and installation procedures outlined in the project documents, ensuring that each detail is completed in proper order.
7. Contractor shall install all materials in strict accordance with the manufacturer's recommendations, including proper fasteners, adhesives, and installation techniques to ensure long-term durability and safety.
8. Contractor shall ensure that all finishes, textures, and colors match the specified requirements, and that all exposed surfaces are free of damage, defects, and imperfections.
9. Contractor shall verify and adjust all clearances, tolerances, and joint widths as necessary to ensure the proper fit and alignment of the detail elements.
10. Contractor shall install any specified flashing, waterproofing, or weatherproofing materials at all exterior details to prevent water infiltration and ensure the longevity of the building envelope.
11. Contractor shall provide adequate protection during construction to prevent damage to detail elements (e.g., wall panels, doors, windows, finishes) from weather, dirt, or physical damage.
12. Contractor shall ensure that all details are fully constructed, including required fasteners, reinforcements, and accessories, before covering or concealing the work (e.g., wall panels, insulation).
13. Contractor shall inspect all completed details for compliance with the drawings and specifications before covering or finishing. Any deviations or issues must be addressed before proceeding.
14. Contractor shall ensure that all structural elements required in the details, such as anchors, supports, or bracing, are properly installed to support the intended loads and functions of the system.
15. Contractor shall ensure that all detail elements, such as door frames, window sills, and trim, are installed plumb, level, and square.
16. Contractor shall conduct a final inspection of all completed details to ensure that they are installed according to the design intent, and that they meet the aesthetic and functional requirements of the project.
17. Contractor shall notify the architect or engineer immediately if a detail needs to be modified due to unforeseen field conditions or conflicts with other building systems.
18. Contractor shall ensure that all specified control joints, expansion joints, and movement allowances are included in the details and properly installed to accommodate expected building movements.
19. Contractor shall install all specified insulation, vapor barriers, and soundproofing elements in the details, ensuring that they are continuous and meet the required performance standards.
20. Contractor shall install specified finishes (e.g., paint, stains, sealants) in compliance with the manufacturer's instructions, ensuring the proper adhesion and durability of the finish over time.
21. Contractor shall ensure that all openings in the details are properly framed, braced, and finished according to the specifications, and that all trim and finish work matches the architectural intent.

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GENERAL NOTES

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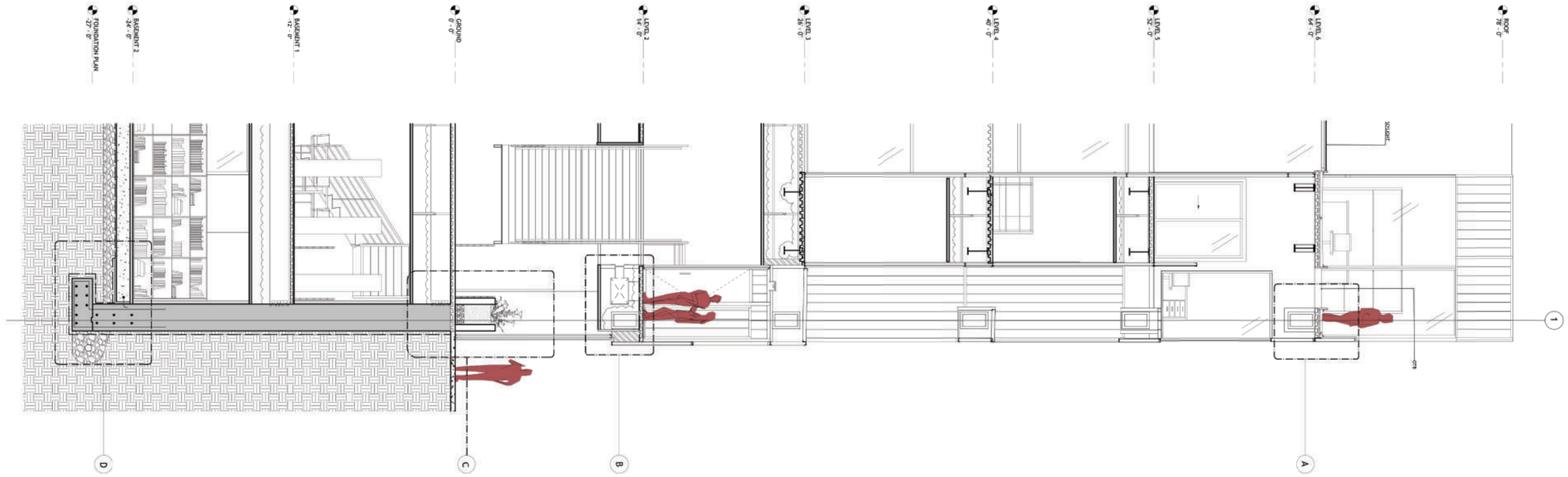
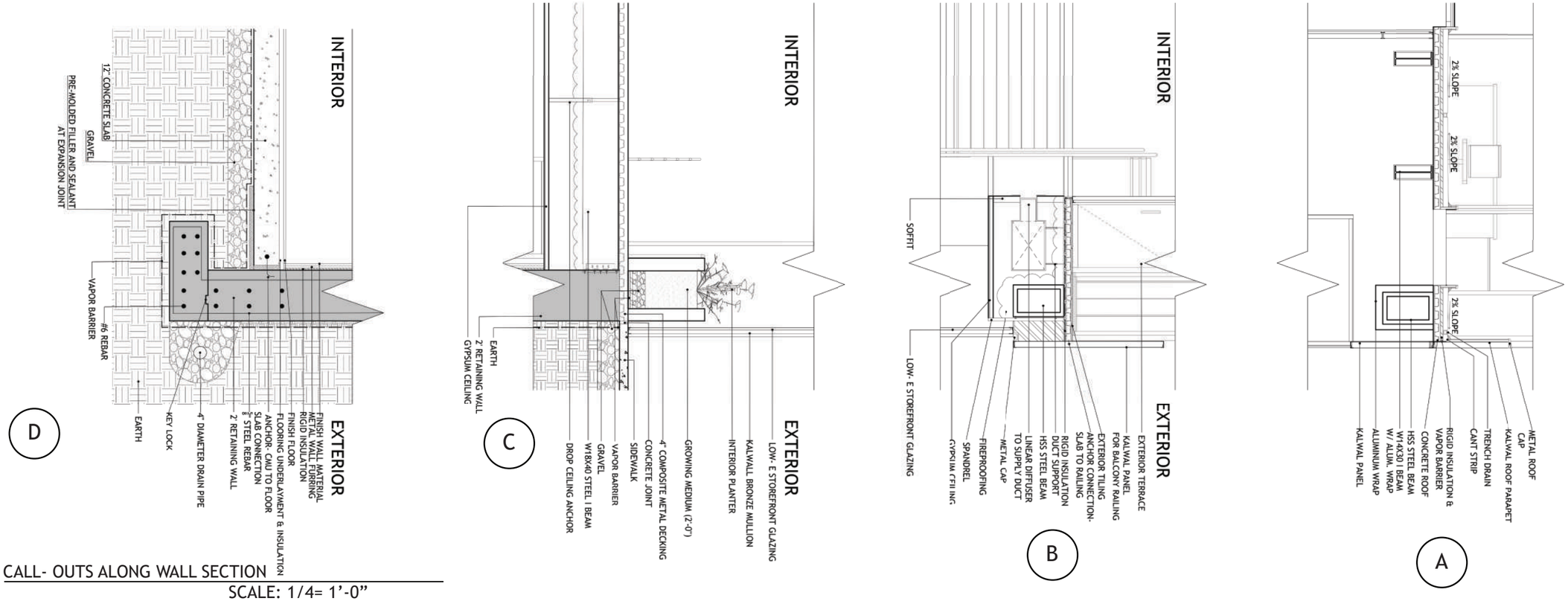
D100



DETAILED WALL SECTION

SCALE: 1/8= 1'-0"



CALL- OUTS ALONG WALL SECTION

SCALE: 1/4= 1'-0"

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DETAIL WALL SECTION

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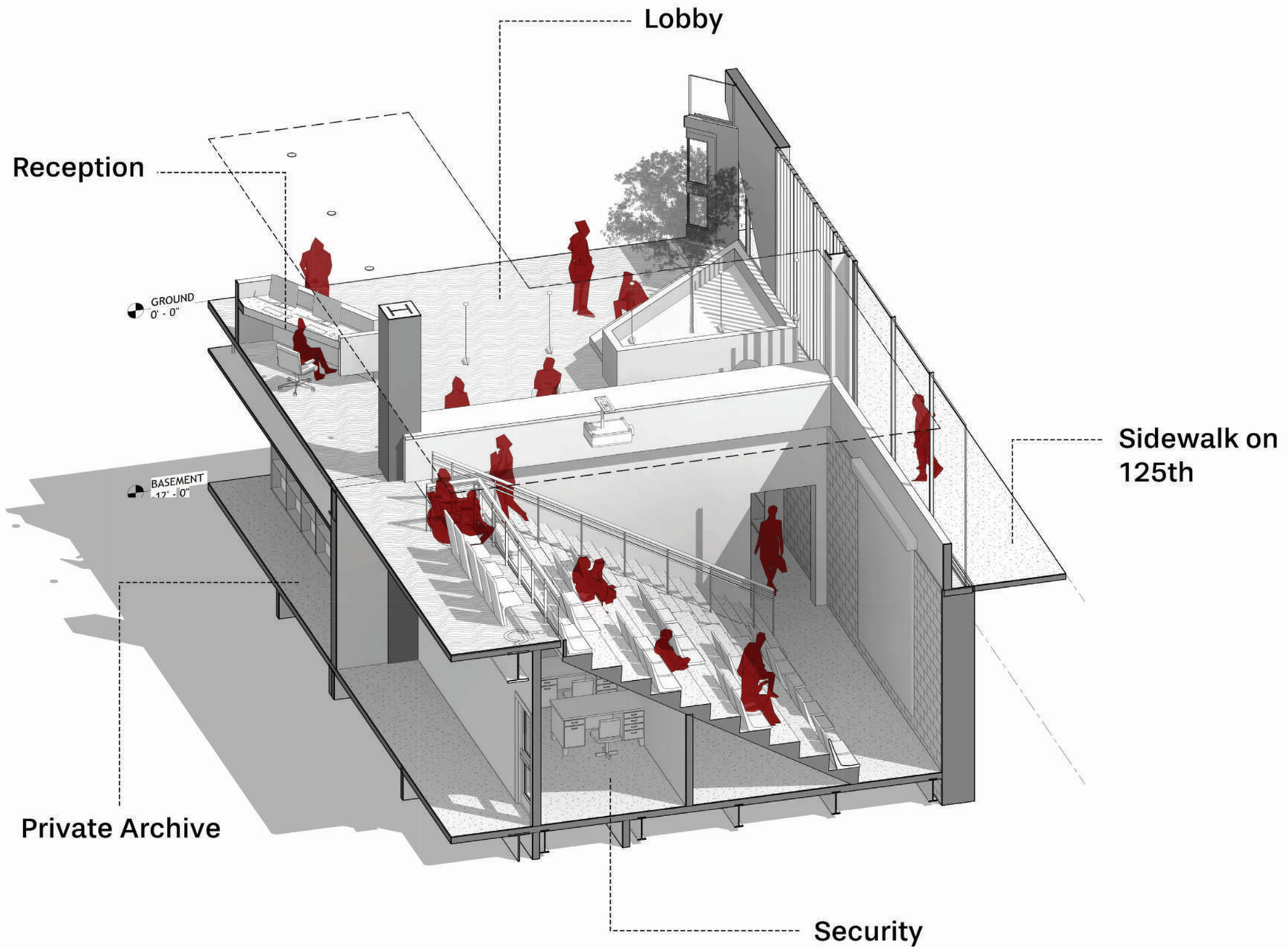
D101



AUDTORIUM AXON

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DETAIL SPACE AXON

Scale:
NTS

Grade:

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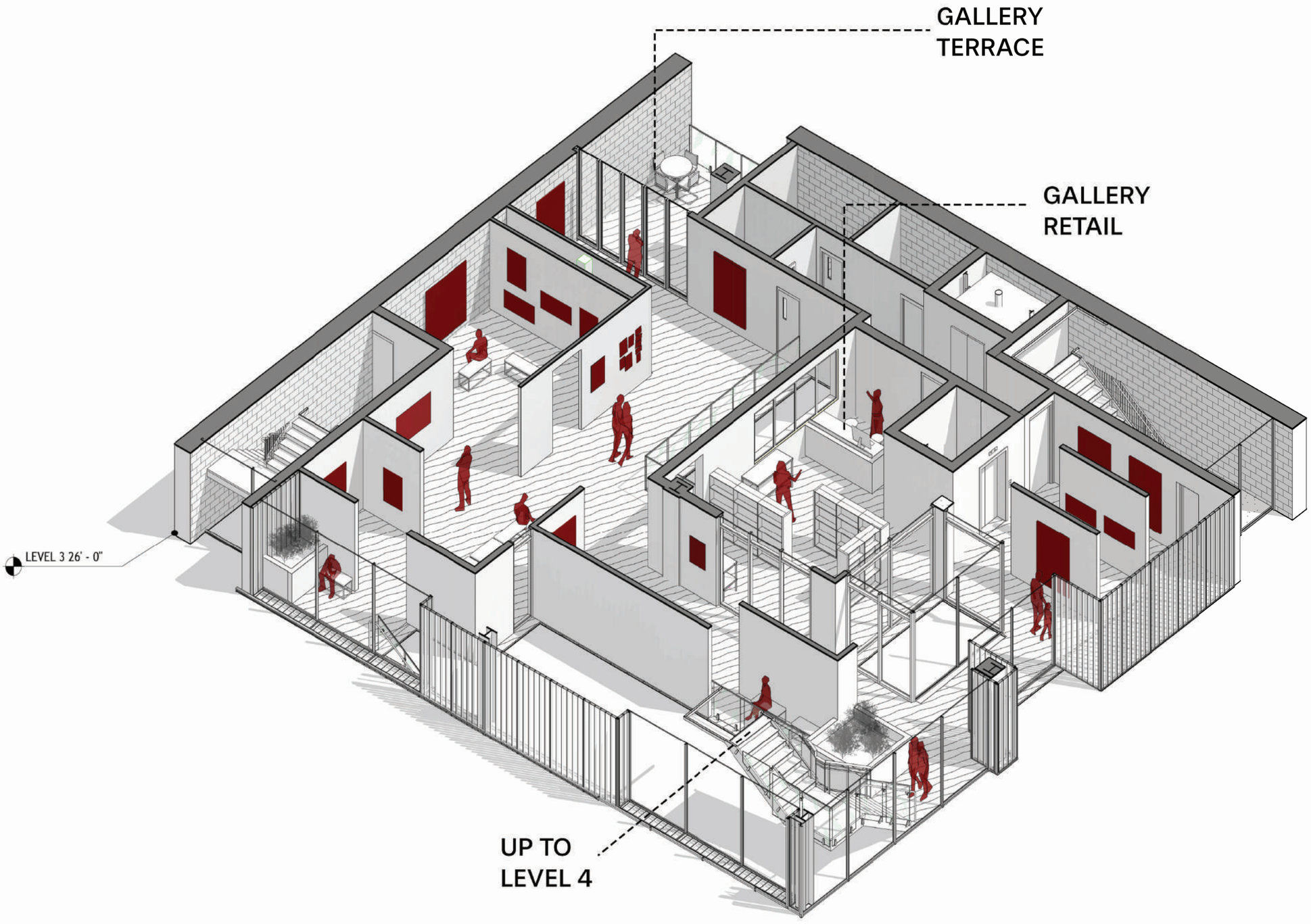
Sheet No.

D102



GALLERY AXON

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Sheet Name:

DETAIL SPACE AXON

Scale:
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Grade:

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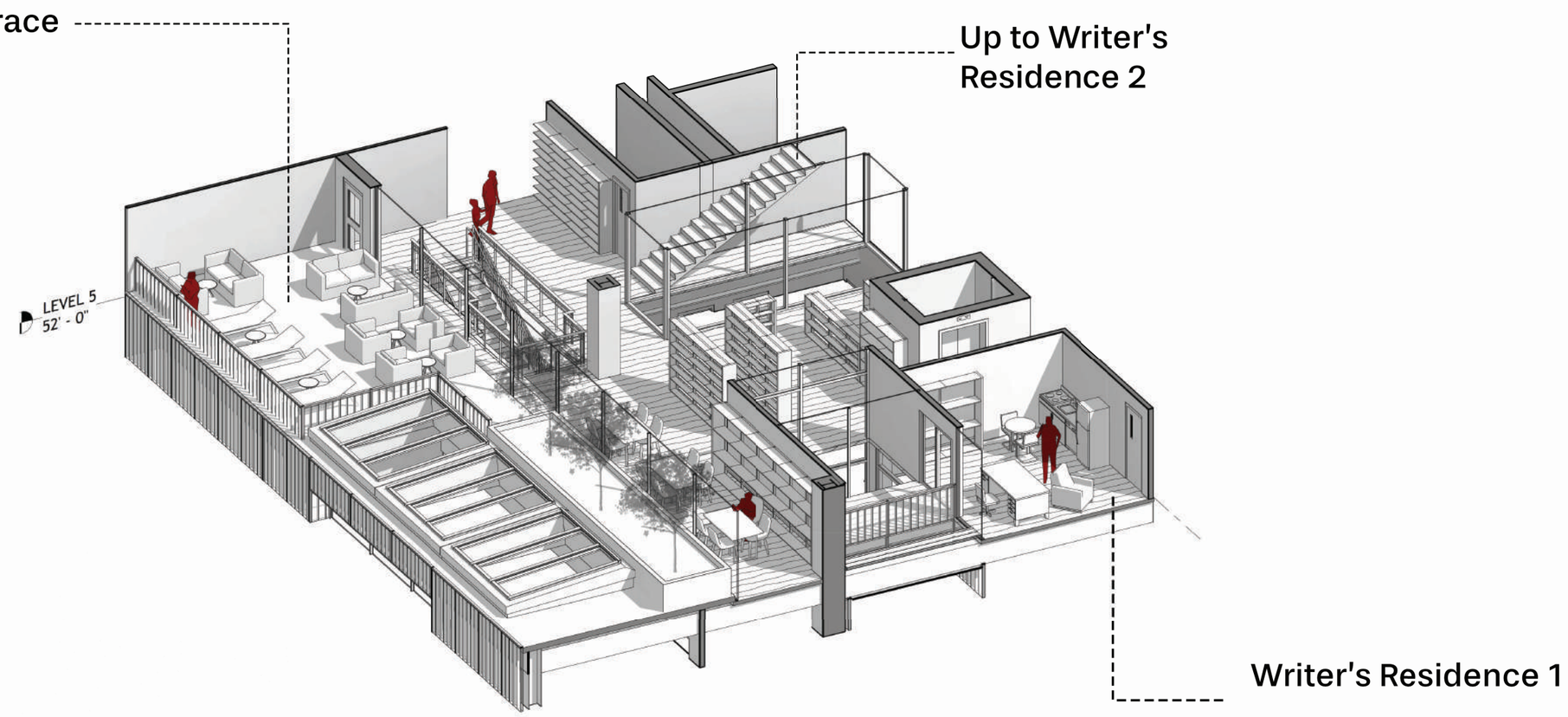
D103



LIBRARY AXON

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DETAIL SPACE AXON

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D104

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R102

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