SE101: Design Project - SP25
Literatures, Cultures, and Languages Building

ABD-2: Ella Maciasz, Rafi Nagorsky, Jeff Gao, Andres Arellano, Abhi Padharthi

Introduction

LCLB, Literatures, Cultures & Linguistics Building, or, as it was known originally, the Foreign Language Building was constructed beginning in December of 1968[1]. LCLB is located quite prominently on the main quad, adjacent to Foellinger Auditorium and directly south of Davenport Hall. Architectural planning was provided by campus architect Paul E. Dixon and Chicago based architectural firm Holabird & Root. LCLB is moderately sized at 44,400 sq. ft. and boasts four stories and a basement level. The building has been home to the School of Literatures, Cultures, & Linguistics (SLCL) since its inception, and was named in order to take advantage of federal funds that funded the study of foreign languages during the cold war[2]. It was only after a decision by faculty, staff, and students of the SLCL decided in spring of 2022 to rename the building to match the name of the school. The building's architecture is notable for its "inverted" shape. Legend has it that the building was designed in such a way such that in the event of a bombing the building would fall outward, protecting the secret supercomputer housed within. However, the architectural style was simply representative of the brutalist style of architecture, which began in the 50's and is seen elsewhere on campus, such as in the Speech and Hearing Sciences building which is a 2-storey copy of the LCLB. The building hasn't undergone any major renovations or changes since its construction, with the majority of upgrades being small technology and environmental changes to help the building adapt to be more energy efficient[3]. There were renovations done to windows and the construction of a new entrance canopy to the basement[4].

Field Work

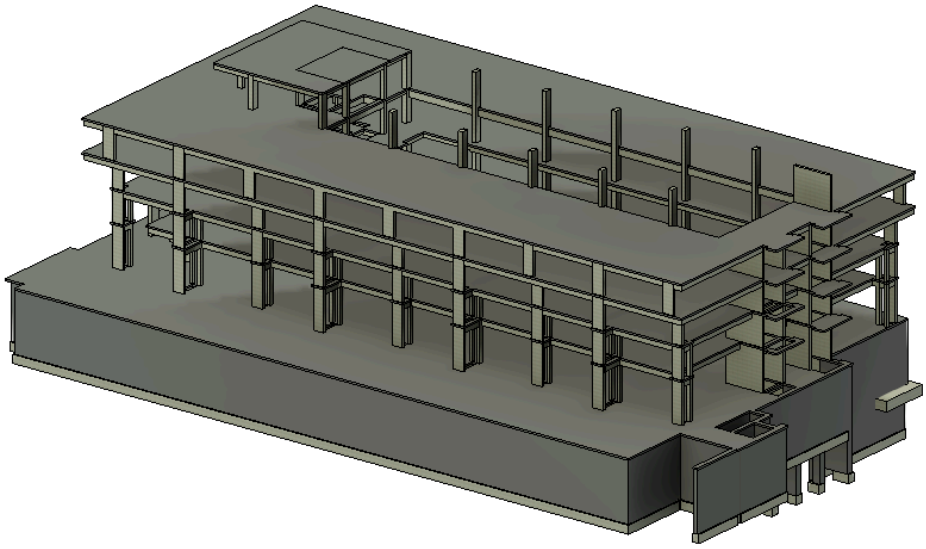
We visited the LCLB in person on February 24th, 2025, around 3PM. Our entire group of 5 was there for the visit. During our visit we started down on the basement level and walked around the floor taking note of the rooms within and comparing them to the copies of the architectural plans we had. Afterwards, we made our way up to the first floor, then second, third and fourth. For the most part we did not have many difficulties interpreting the architectural plans, they were well labeled, and rooms and spaces clearly signified. As we walked around we took photos of the interior and exterior. Our photos and observations were put into a box folder for all of us to refer to.

In terms of discrepancies, we only noticed minor changes to the layout of the building. For example, on the basement level there is a walled off section in the very center between the two corridors that span the length of the building. On our plans they were divided up into two rooms, a lounge/office space and a mechanical room. While the mechanical room seemed to be untouched, there were changes made to the lounge space as part of the walls had been taken down forming a more open area and within there seemed to be some additional dividing walls we hadn't seen labeled on our map. Additionally, on the fourth floor, there was a section labeled "Library" with an additional lounge/office next to it, but it seemed like the rooms were combined to form the graduate lounge. We didn't find any other discrepancies between our plans and the actual building. We decided to follow the plans given to us instead of attempting to model the building as it was because we lacked information like dimensions on the current format.

Because the second, third and fourth floors were majority offices we were unable to actually go or look inside a lot of these rooms to get a better idea of what they should look like. We were only able to walk around the corridors confirming the amount of rooms and general layout aligned.

Modeling

When it came time to start modeling we began by putting down gridlines and levels and focused on getting the structural component of the building finished first. During this time we would spend time going through the column/beam schedule to load in the appropriate members before going through and placing them.



LCLB Structural Framing Complete - April 3rd, 2025

We had issues with the structural plans trying to read dimensions and sometimes had to take guesses as they simply were not clear. Once we had the structural components all finished we began to work on the architectural plans by placing walls and floors. Similar to the structural plans we had issues reading dimensions and other information on the architectural plans and had to make informed guesses. For the most part we didn’t struggle to place things to enclose

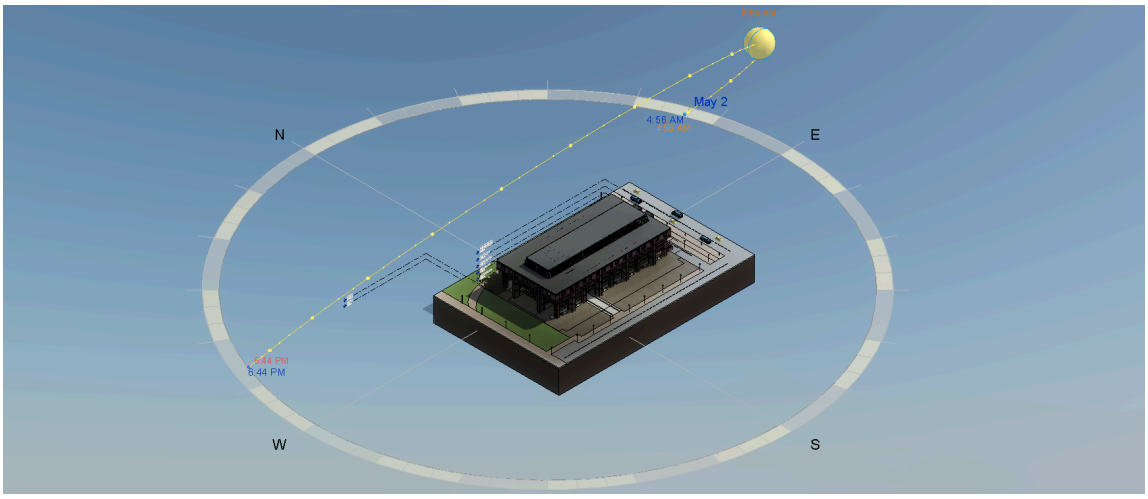
the building as it was mostly right angles, but as we got closer to interiors we had more issues. We struggled a bit with the roof as we had to figure out the sloped skylight, where we ended up using curtain walls. Interiors were difficult because we had to figure out how to get colors on all the different elements inside to match our pictures. Figuring out how to get every flag was especially difficult but we ended up finding a component on RevitCity and duplicating it and making separate materials for each flag.

LCLB Atrium Interior Rendering - May 2nd, 2025

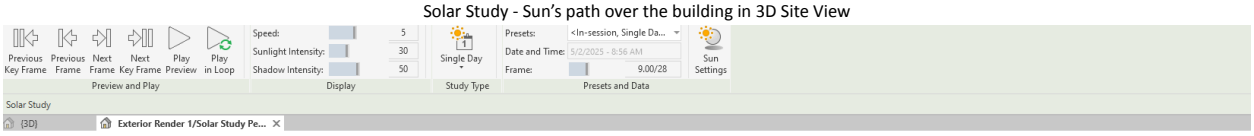
Work was distributed pretty evenly amongst members, with each person working on a specific area such as structural, exterior architectural, interiors, site and landscape, and SketchUp.

Solar Study

For our solar study, we did a single day from sunrise to sunset at time intervals of one hour. The location was set to Urbana, IL, and the date was the same day we produced the animation.



Solar Study - Sun's path over the building in 3D Site View



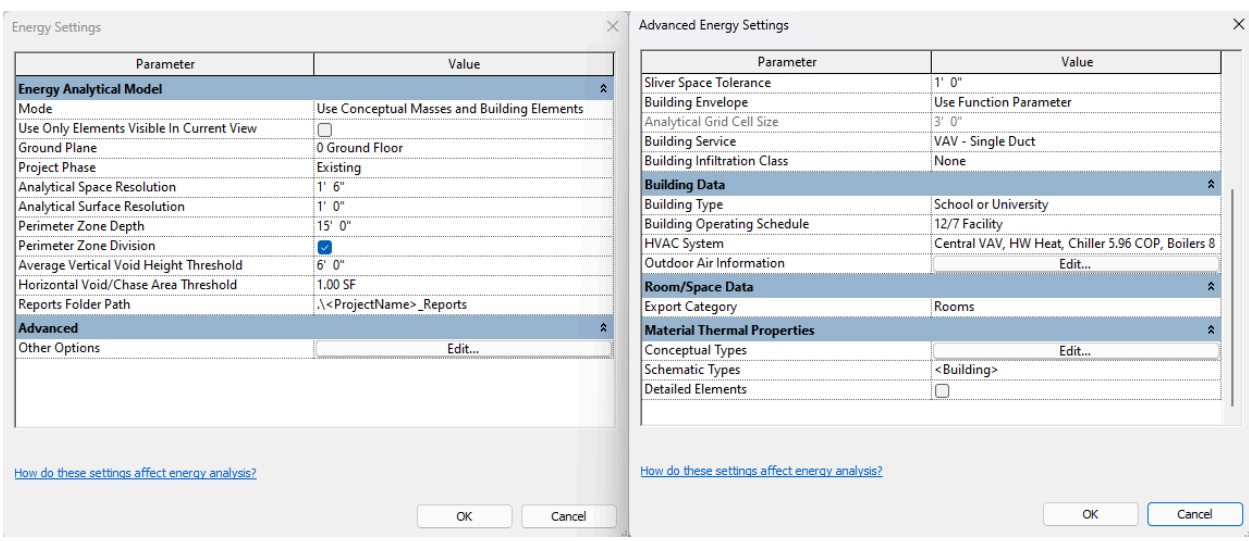
Solar Study - Perspective View, with settings included

We noticed that with the buildings upside down pyramid like design, sunlight only went through the top floors windows and the skylight on the roof. As a result the building interior can

be somewhat dark at times as not much natural light comes in. This is something we also noticed during our site visit as all the walls from offices meant corridors were somewhat depressing as the only light came from interior lights. The skylight was definitely placed in a specific manner, as noticable in our rendering, during the day sunlight is able to easily stream into the main atrium area which makes it great to look at. Beyond that, the windows didn't seem to be placed in a specific manner other than to afford most of the exterior facing offices some kind of view to the outside.

Energy Analysis

For our energy analysis the settings we used included having the location set in Urbana, IL. The project phase was indicated as existing, the building type was set to School or University, and building operating schedule as 12/7. Additionally the building's lifespan was set to 20 years.



Energy Settings

Parameter	Value
Energy Analytical Model	
Mode	Use Conceptual Masses and Building Elements
Use Only Elements Visible In Current View	☐
Ground Plane	0 Ground Floor
Project Phase	Existing
Analytical Space Resolution	1' 6"
Analytical Surface Resolution	1' 0"
Perimeter Zone Depth	15' 0"
Perimeter Zone Division	☑
Average Vertical Void Height Threshold	6' 0"
Horizontal Void/Chase Area Threshold	1.00 SF
Reports Folder Path	.\<ProjectName>_Reports
Advanced	
Other Options	Edit...

How do these settings affect energy analysis?

OK Cancel

Advanced Energy Settings

Parameter	Value
Sliver Space Tolerance	1' 0"
Building Envelope	Use Function Parameter
Analytical Grid Cell Size	3' 0"
Building Service	VAV - Single Duct
Building Infiltration Class	None
Building Data	
Building Type	School or University
Building Operating Schedule	12/7 Facility
HVAC System	Central VAV, HW Heat, Chiller 5.96 COP, Boilers 8
Outdoor Air Information	Edit...
Room/Space Data	
Export Category	Rooms
Material Thermal Properties	
Conceptual Types	Edit...
Schematic Types	<Building>
Detailed Elements	☐

How do these settings affect energy analysis?

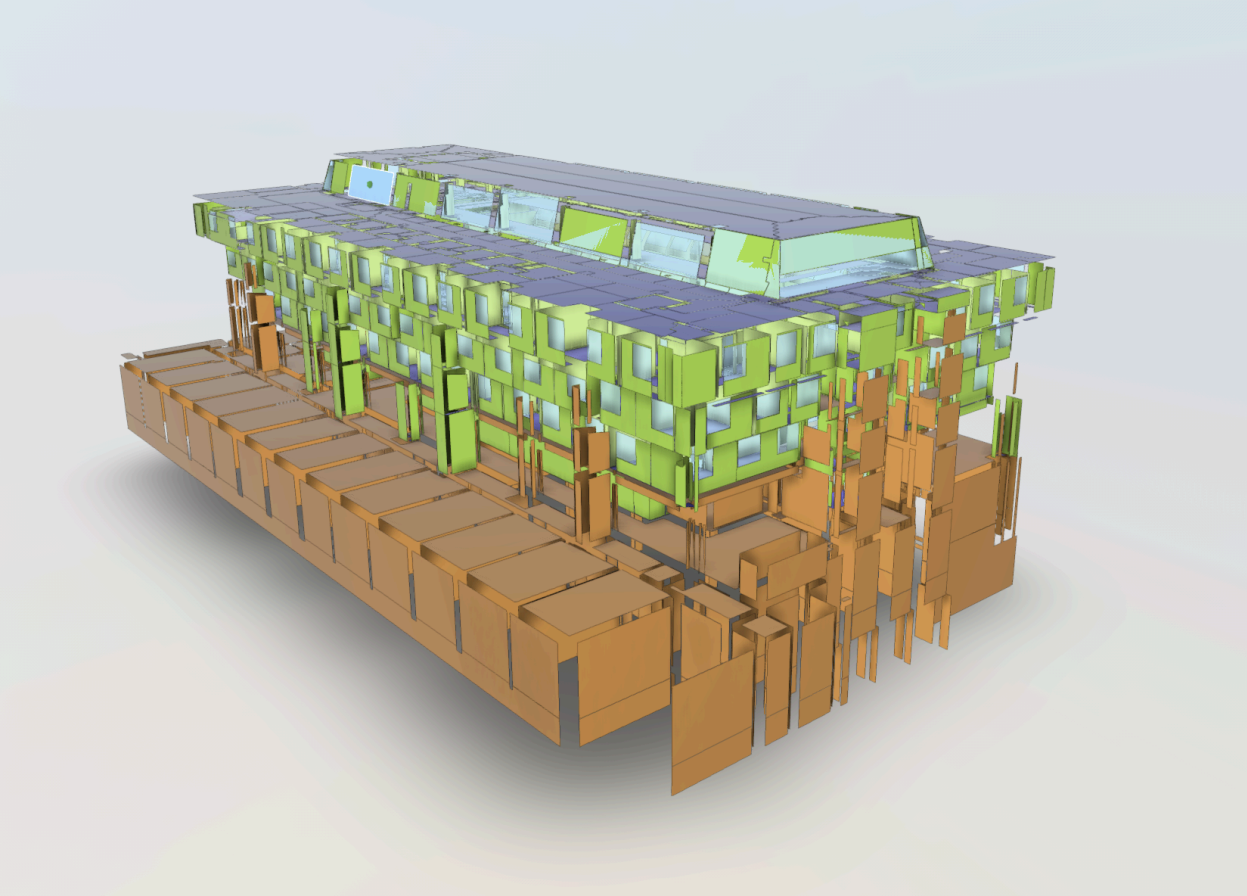
OK Cancel

Energy Analysis - Settings used in Carbon Analysis

The total operational carbon came out to 7,113,577.19 $kgCO_2e$ with a very slight majority coming from fossil fuels. The total embodied carbon came out to 588,927.95 $kgCO_2e$, with the majority coming from exterior walls. The annual estimated energy usage per square meter came out to 445.99 kWh/m^2 with the biggest factor being cooling.

In order to reduce energy usage/operational carbon and embodied carbon several things can be considered. For operational carbon, finding renewable sources of energy could help to bring down the carbon footprint of the building from running it. The roof is flat and constantly exposed to sunlight, and in particular is a feature that isn't central to the architecture of the building. The embodied carbon can be reduced by recycling materials used in construction and retrofitting the building as needed during renovations instead of potentially demolishing and constructing a new building.

Energy Analysis - Carbon Analysis Model in Insight



Conclusions and Recommendations

When we picked this building we picked it because we assumed the relatively rectangular structure would be straightforward to model and wouldn't present the type of

difficulties groups had seen modeling curves like with Grainger Library. Despite that we still had plenty of difficulties such as identifying things on the plans. The plans were fairly old and hard to read at times meaning we had to do our best to guess what they were trying to say. Even being a box-like shape, we still had difficulty modeling some parts and definitely had some errors. An example is the roof/skylight, it took a while to figure out how to model the sloped windows and finding a 3rd party component to model the louvres.

Some resolutions we adopted were to have a change log to keep track of edits so every group member was up to speed on what was happening. Additionally we tracked assumptions and other guesses we made so that it would be consistent across group members working on the project.

Some of the lessons we learned/would recommend to future groups would be to utilize your resources as best as possible. We live in a day where questions can be quite easily answered by consulting Google or even ChatGPT. Beyond that it's important to go to office hours and ask questions to people who are more experienced in Revit. There were definitely a lot of things we as a group learned about Revit based on the difficulties with our building.

References

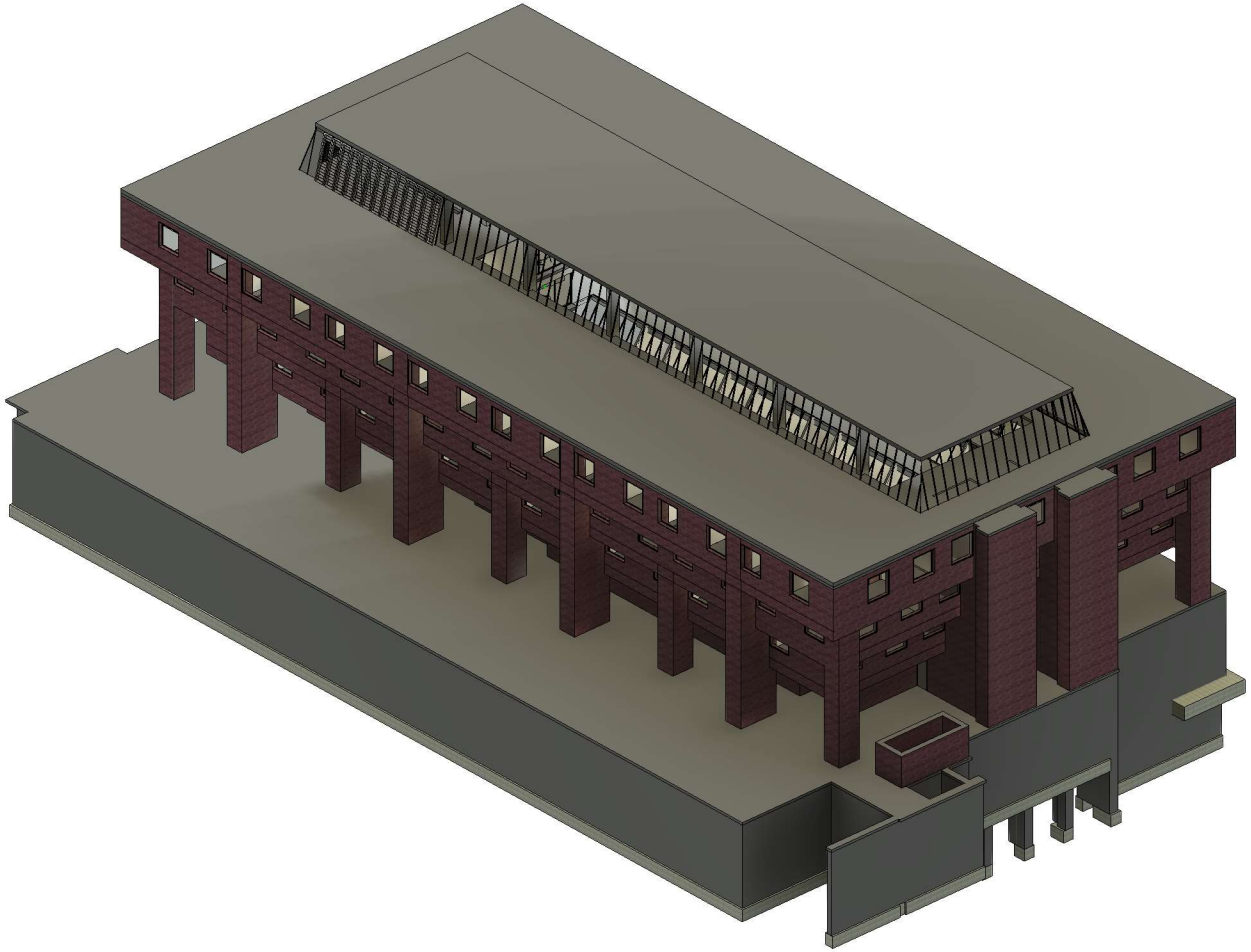
Leetaru, Kalev. “Foreign Language Building.” *University of Illinois: Virtual Campus Tour*, The UIHistories Project, 4 May 2025. https://uihistories.library.illinois.edu/virtualtour/maincampus/flb/

Rojas, Dania De La Hoya. “Foreign Languages Building renamed the Literatures, Cultures & Linguistics Building.” 4 May 2025. https://slcl.illinois.edu/news/2023-03-23t160809/foreign-languages-building-renamed-literatures-cultures-linguistics-building

“Languages, Cultures, and Linguistics Building (LCLB).” iCAP Portal, 4 May 2025. https://icap.sustainability.illinois.edu/content/foreign-language-building

“University of Illinois at Urbana-Champaign: Foreign Language Building.” Doyle and Associates, 4 May 2025. https://www.doylearchitects.com/uiuc-flb

Appendices



1 (3D)

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SE 101
Design Project
ABD-2 LCLB

3D View

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F100

Scale

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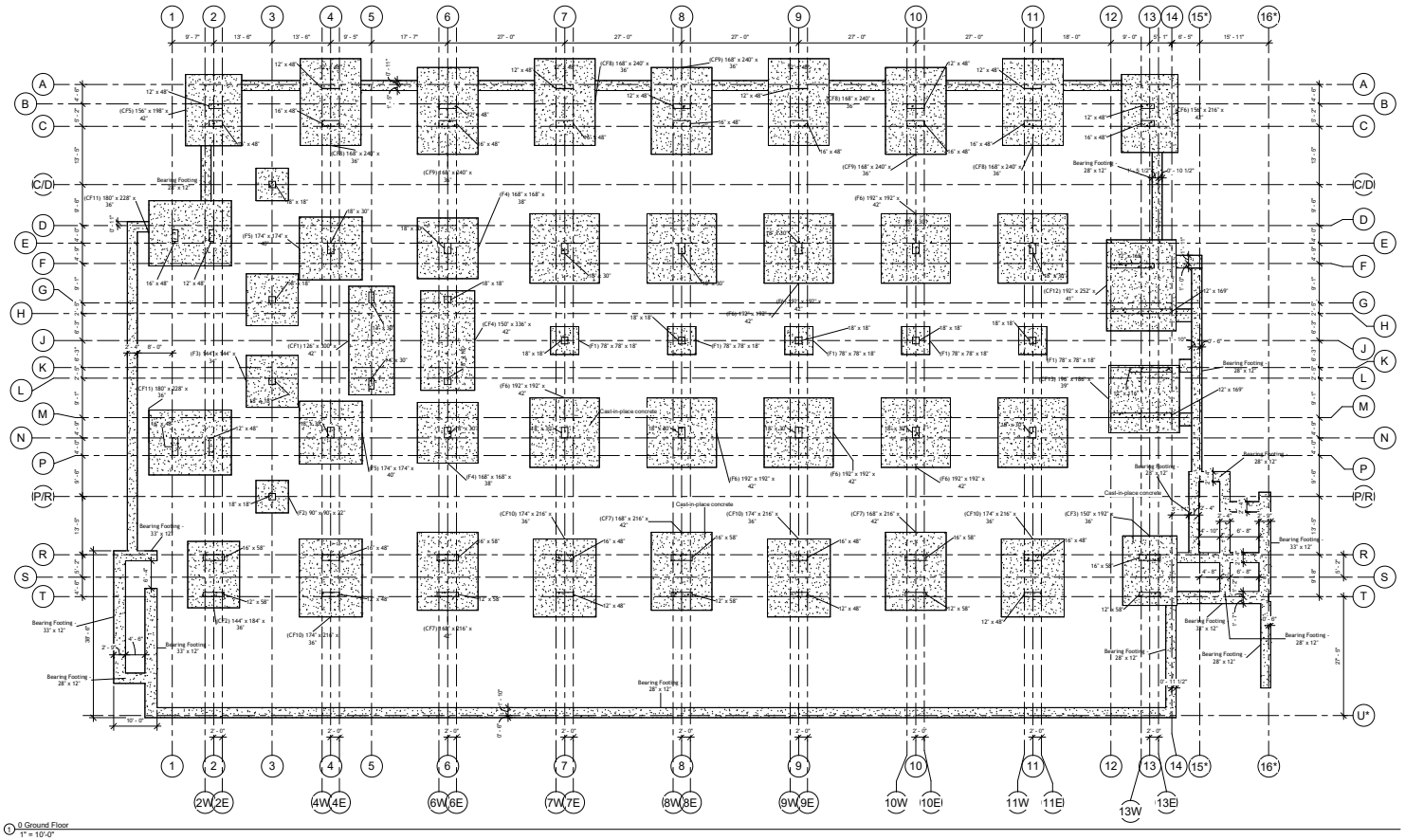

1 0 Ground Floor
1" = 10'-0"

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SE 101
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Ground Floor
Structural

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F101

Scale 1" = 10'-0"

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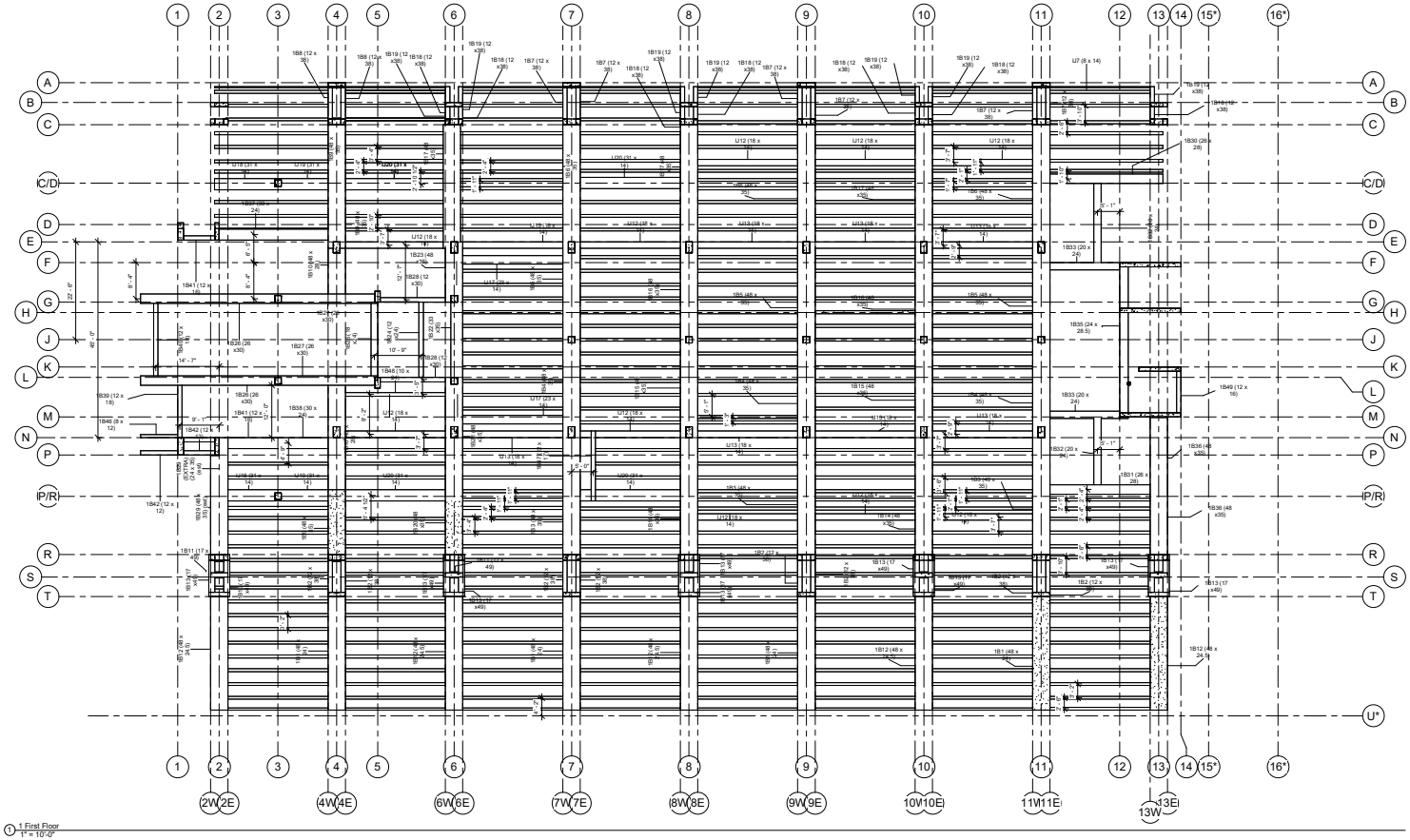

1 First Floor
1" = 10'-0"

All Joists Not Tagged are 8 x 14

All Joists 3' 2" apart (center to center) unless otherwise marked

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First Floor
Structural

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F102

Scale 1" = 10'-0"

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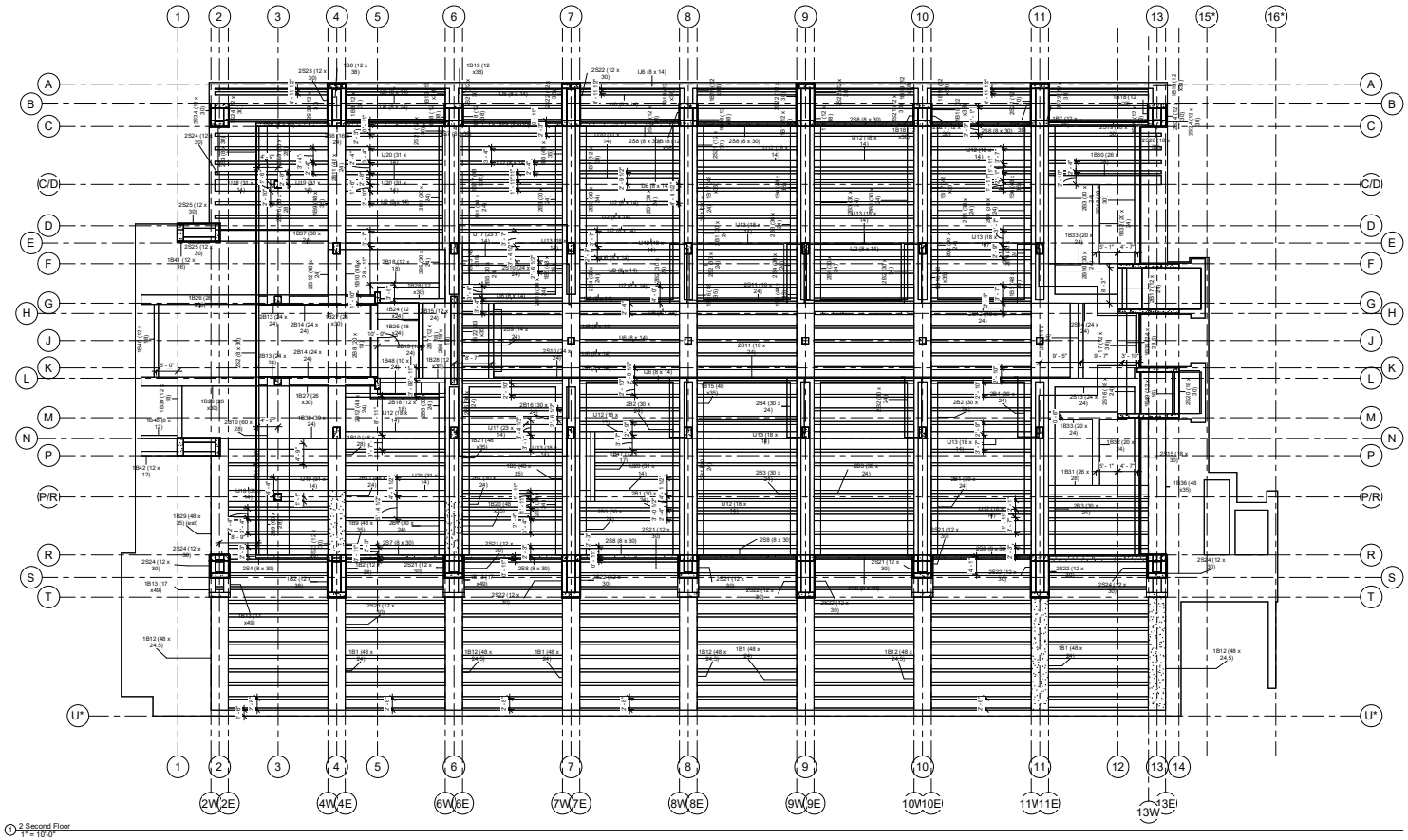

1 2 Second Floor
1" = 10'-0"

All Joists Not Tagged are 8 x 14

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ABD-2 LCLB

Second Floor
Structural

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F103

Scale	1" = 10'-0"

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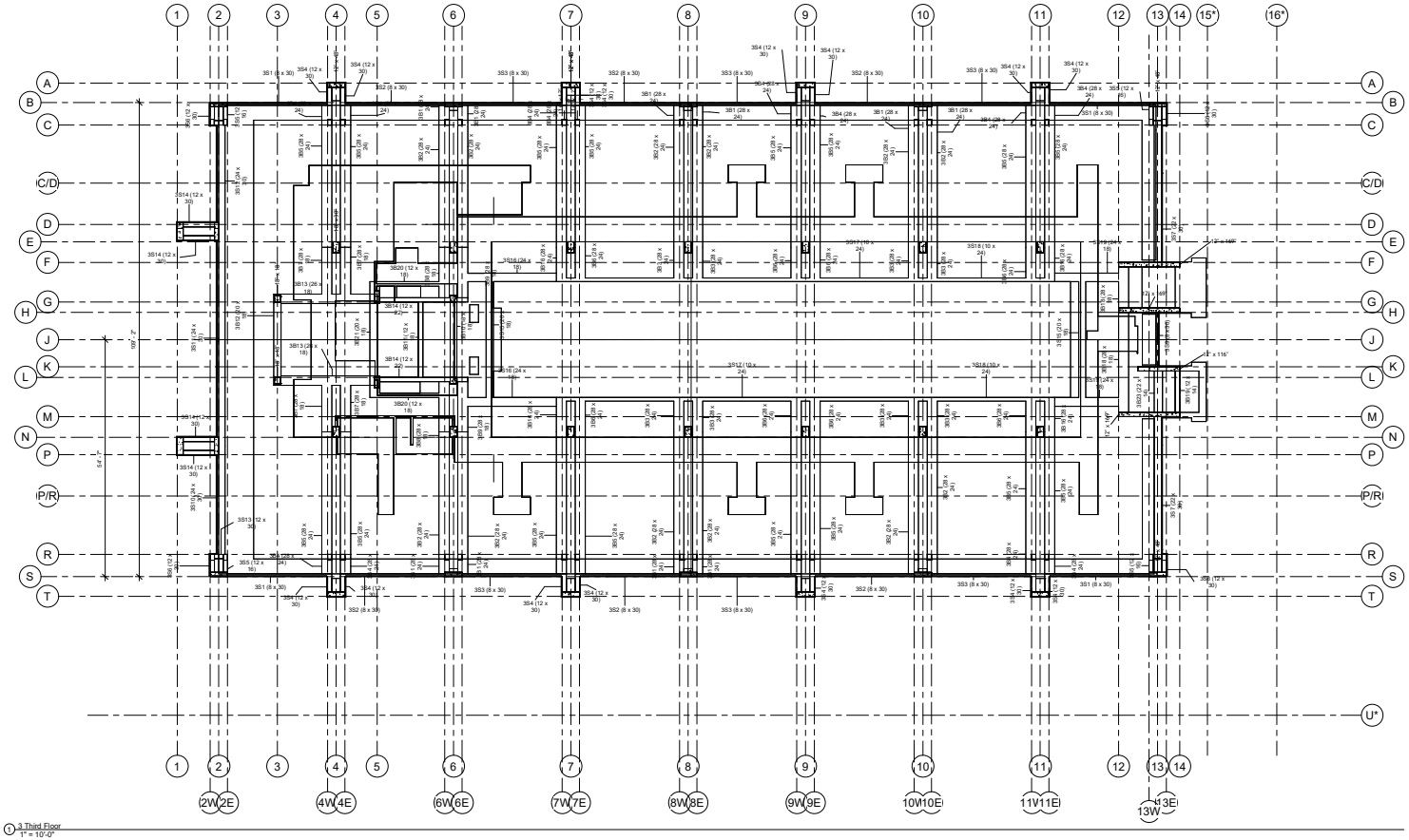

3 Third Floor
1" = 10'-0"

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SE 101
Design Project
ABD-2 LCLB

Third Floor
Structural

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F104

Scale 1" = 10'-0"

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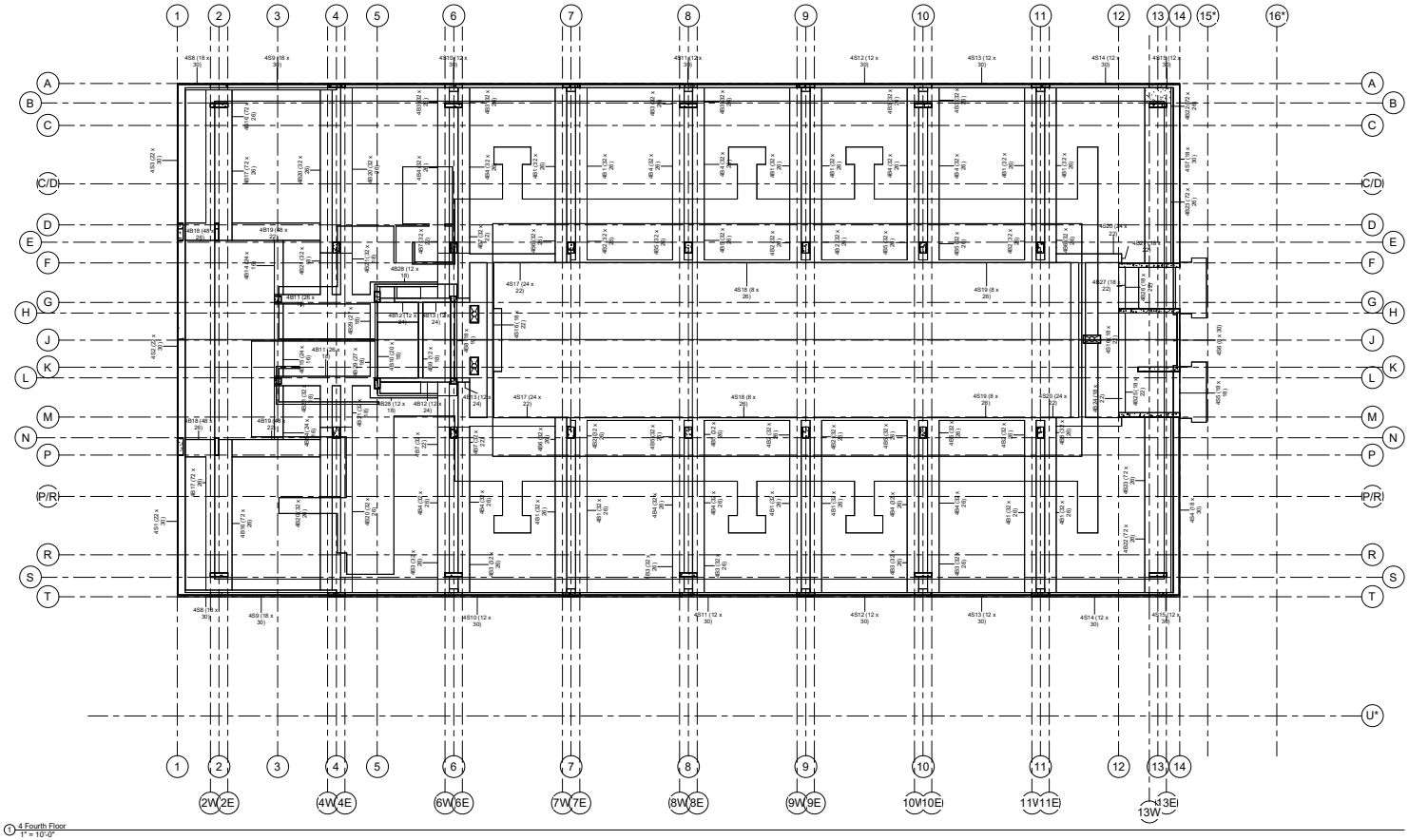

1 4 Fourth Floor
1" = 10'-0"

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SE 101
Design Project
ABD-2 LCLB

Fourth Floor
Structural

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F105

Scale	1" = 10'-0"

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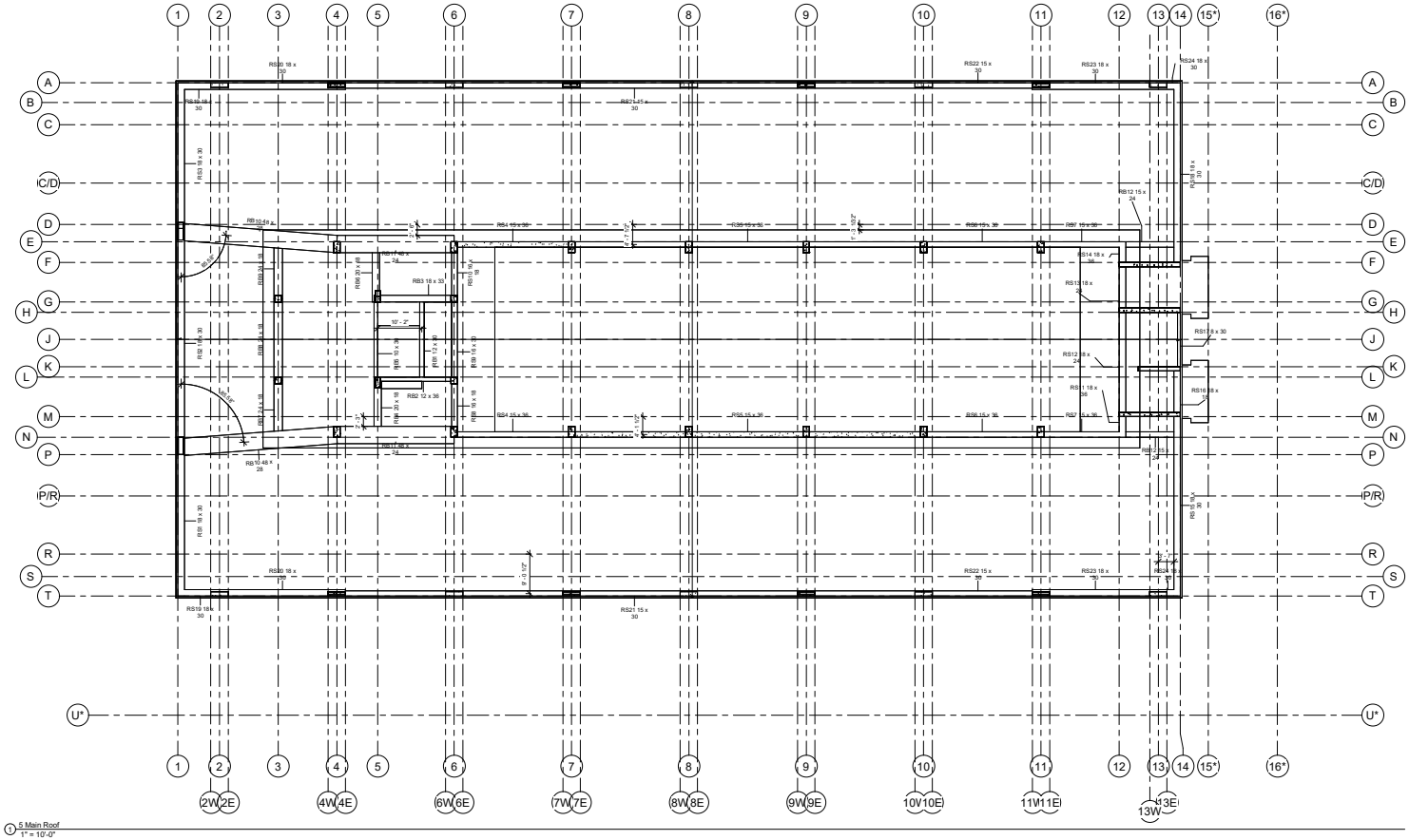

5 Main Roof
1" = 10'-0"

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ABD-2 LCLB

Main Roof
Structural

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F106

Scale	1" = 10'-0"

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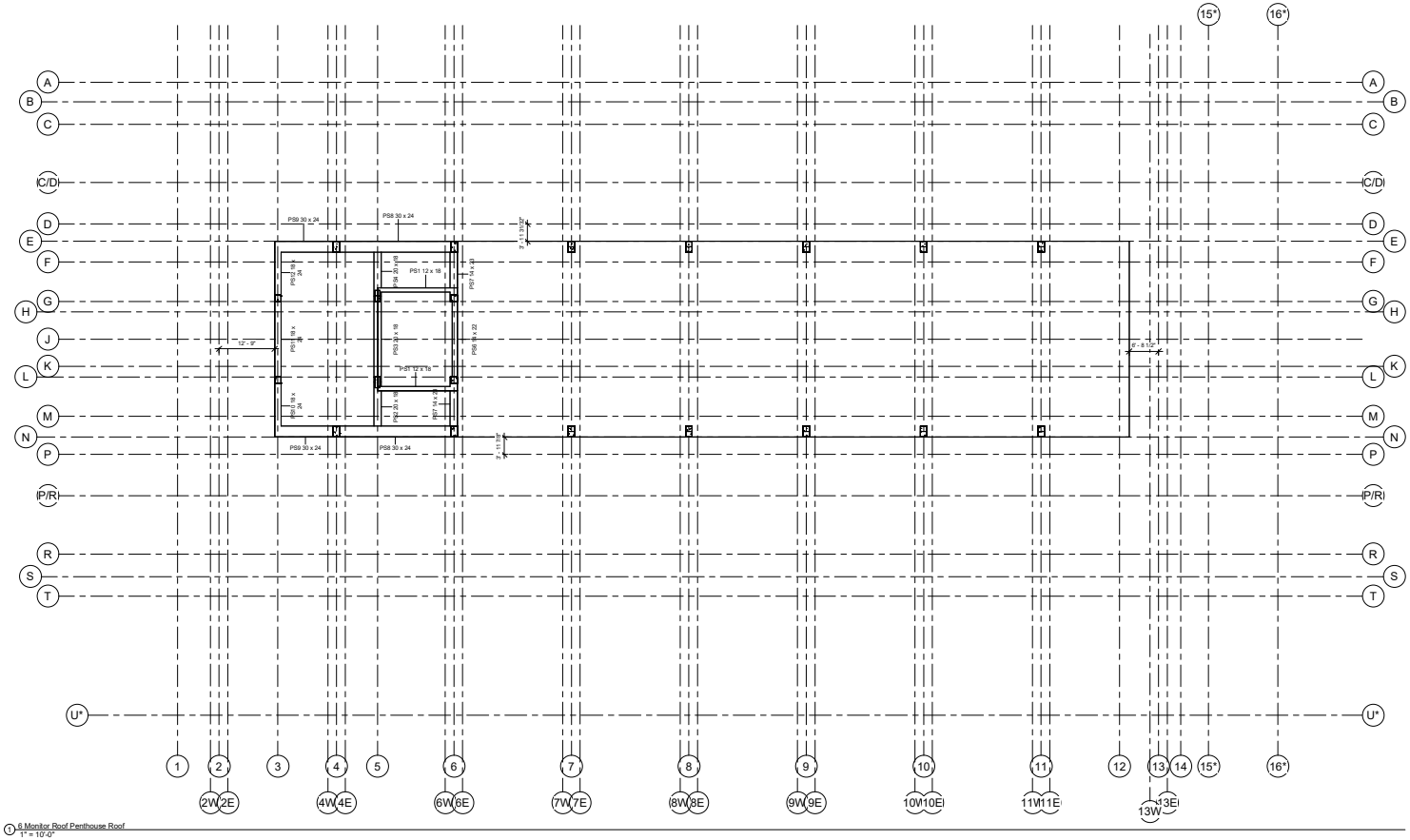

1 6 Monitor Roof Penthouse Roof
1" = 10'-0"

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Design Project
ABD-2 LCLB

Penthouse
Structural

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F107

Scale 1" = 10'-0"

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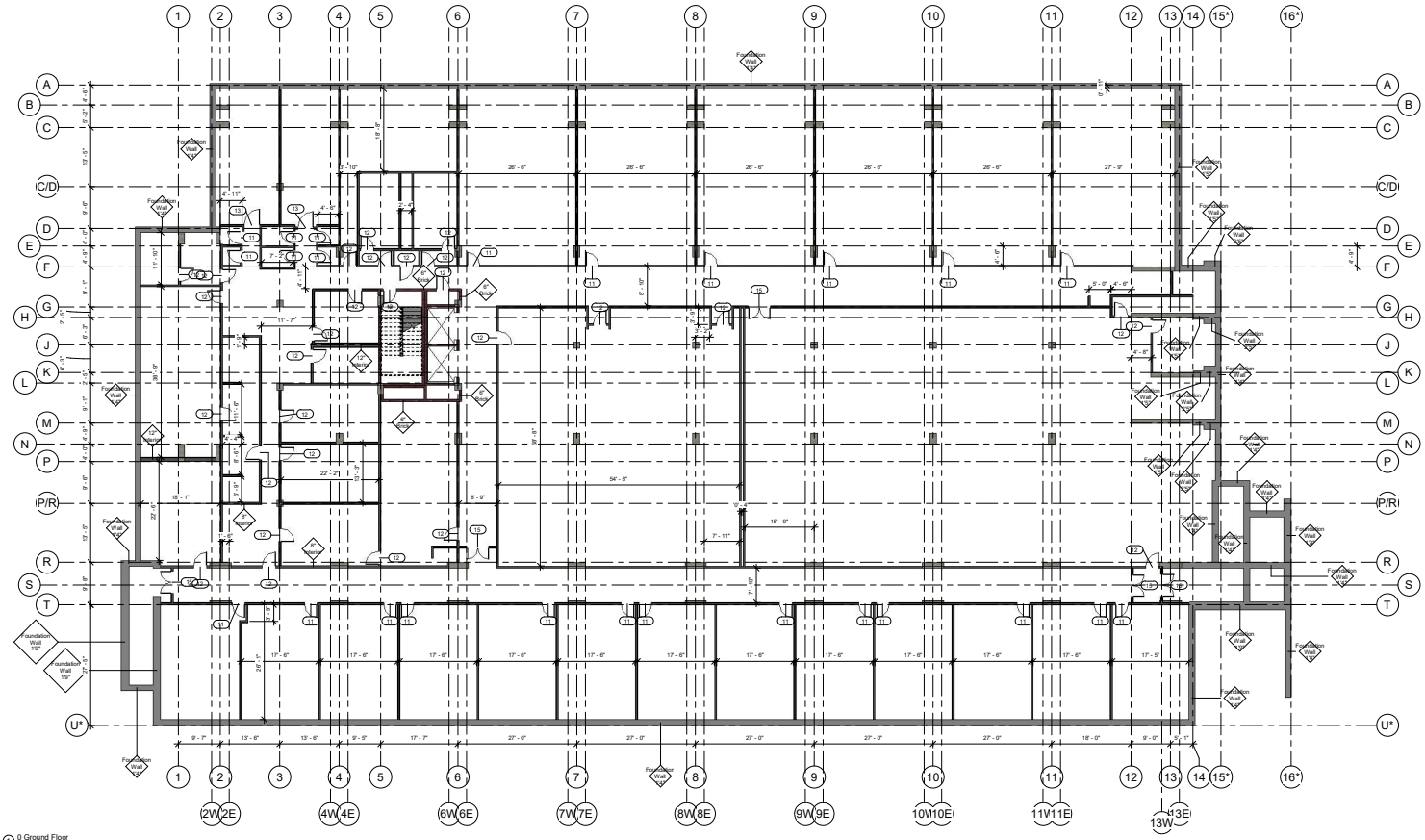

1 0 Ground Floor
1" = 10'-0"

All walls 6" Interior Unless Otherwise Specified

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SE 101
Design Project
ABD-2 LCLB

Ground Floor

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F108

Scale	1" = 10'-0"

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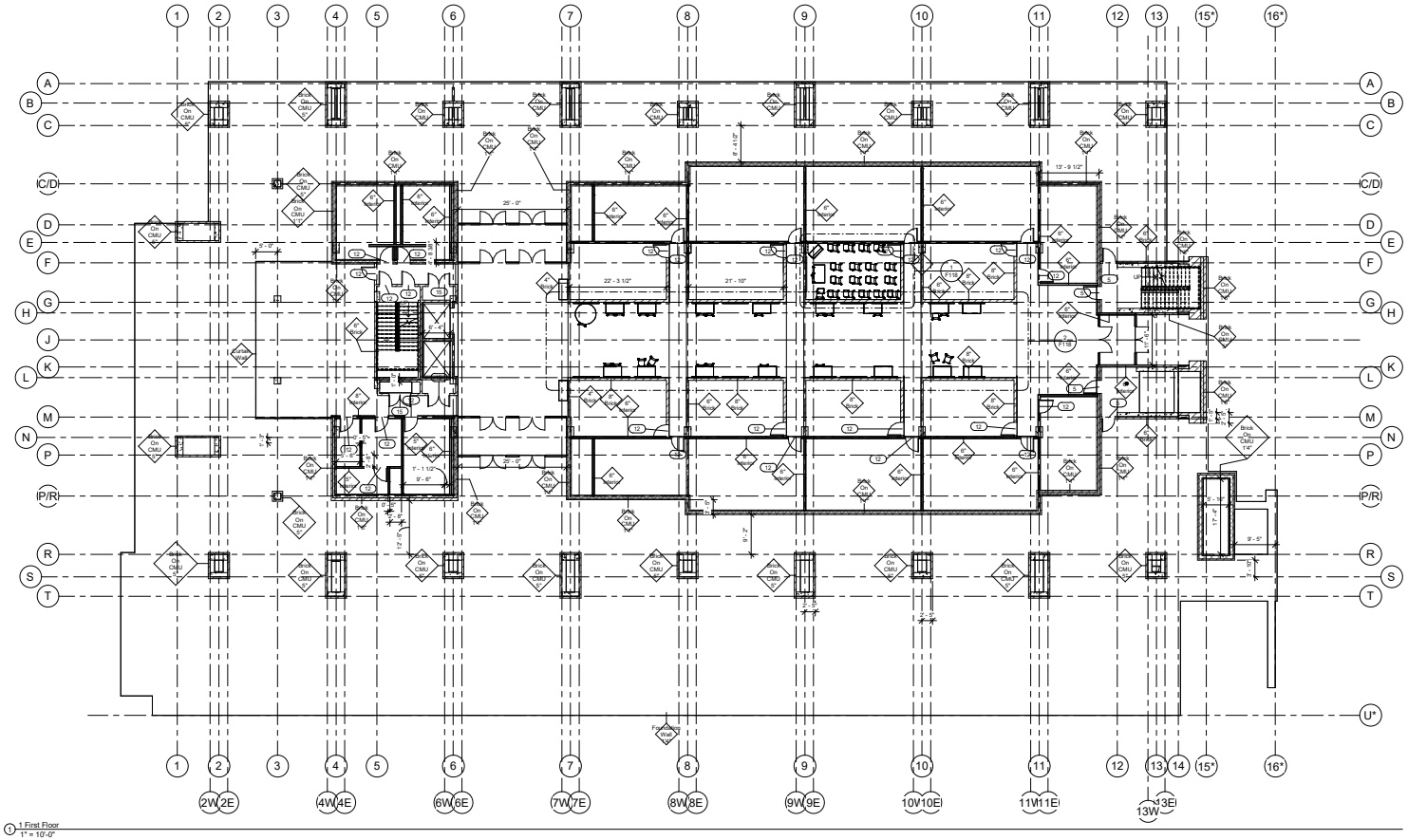

1 First Floor
1" = 10'-0"

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SE 101
Design Project
ABD-2 LCLB

First Floor

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F109

Scale 1" = 10'-0"

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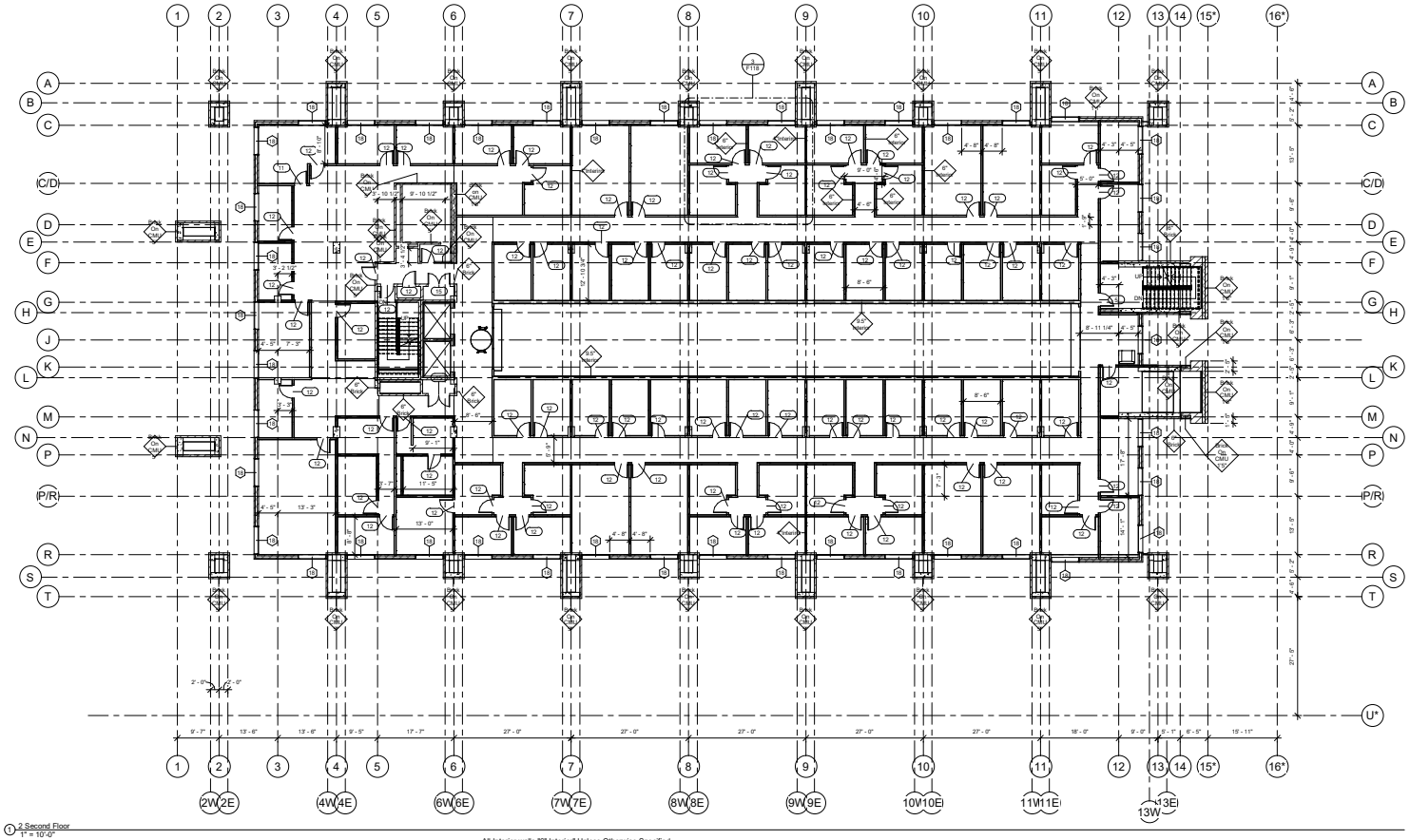

1 2 Second Floor
1" = 10'-0"

All Interior walls "6" Interior" Unless Otherwise Specified

All Exterior walls "1'1" Brick On CMU" Unless Otherwise Specified

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

Second Floor

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F110

Scale 1" = 10'-0"

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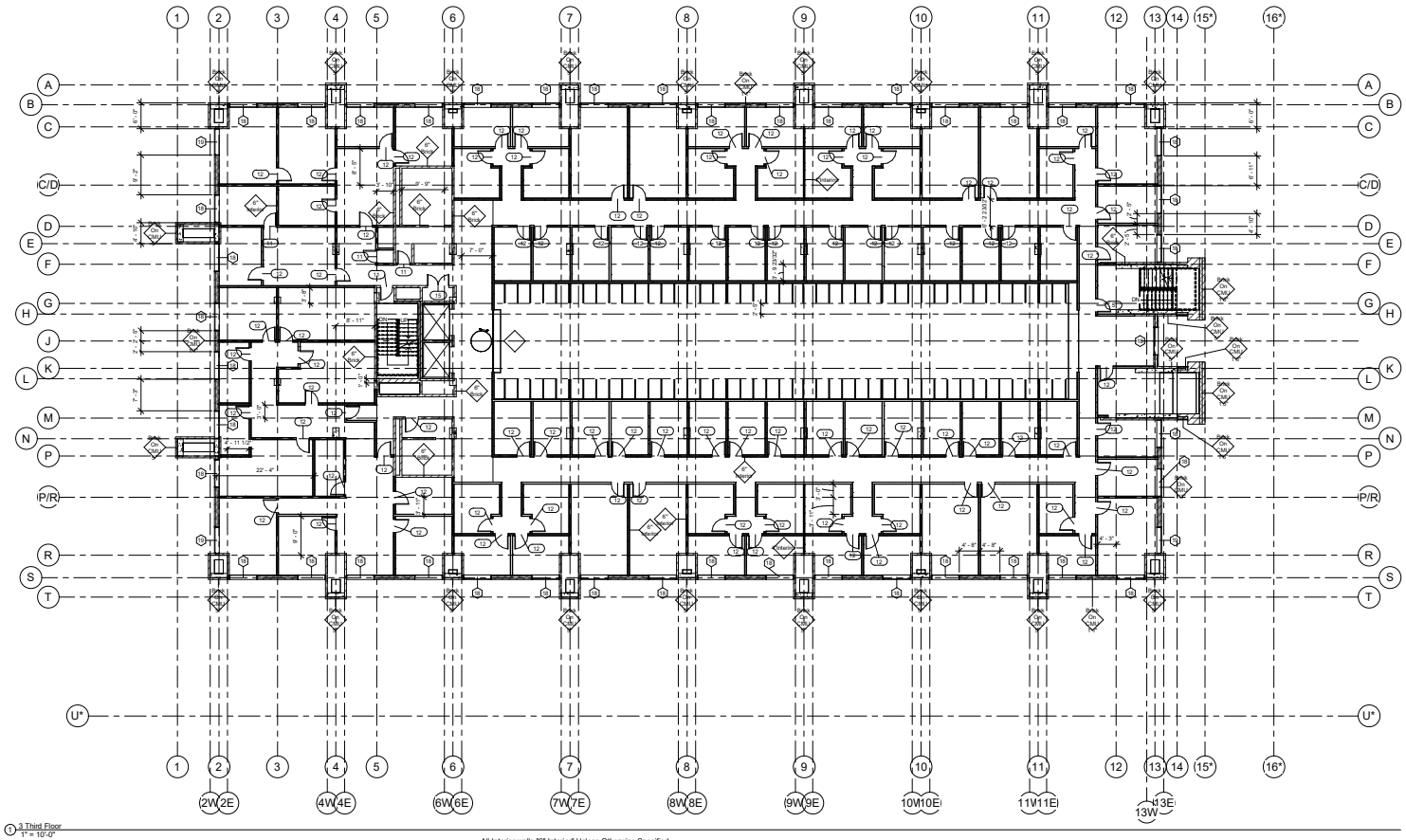

1 3 Third Floor
1" = 10'-0"

All Interior walls "6" Interior" Unless Otherwise Specified

All Exterior walls "1'1" Brick On CMU" Unless Otherwise Specified

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
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ABD-2 LCLB

Third Floor

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F111

Scale 1" = 10'-0"

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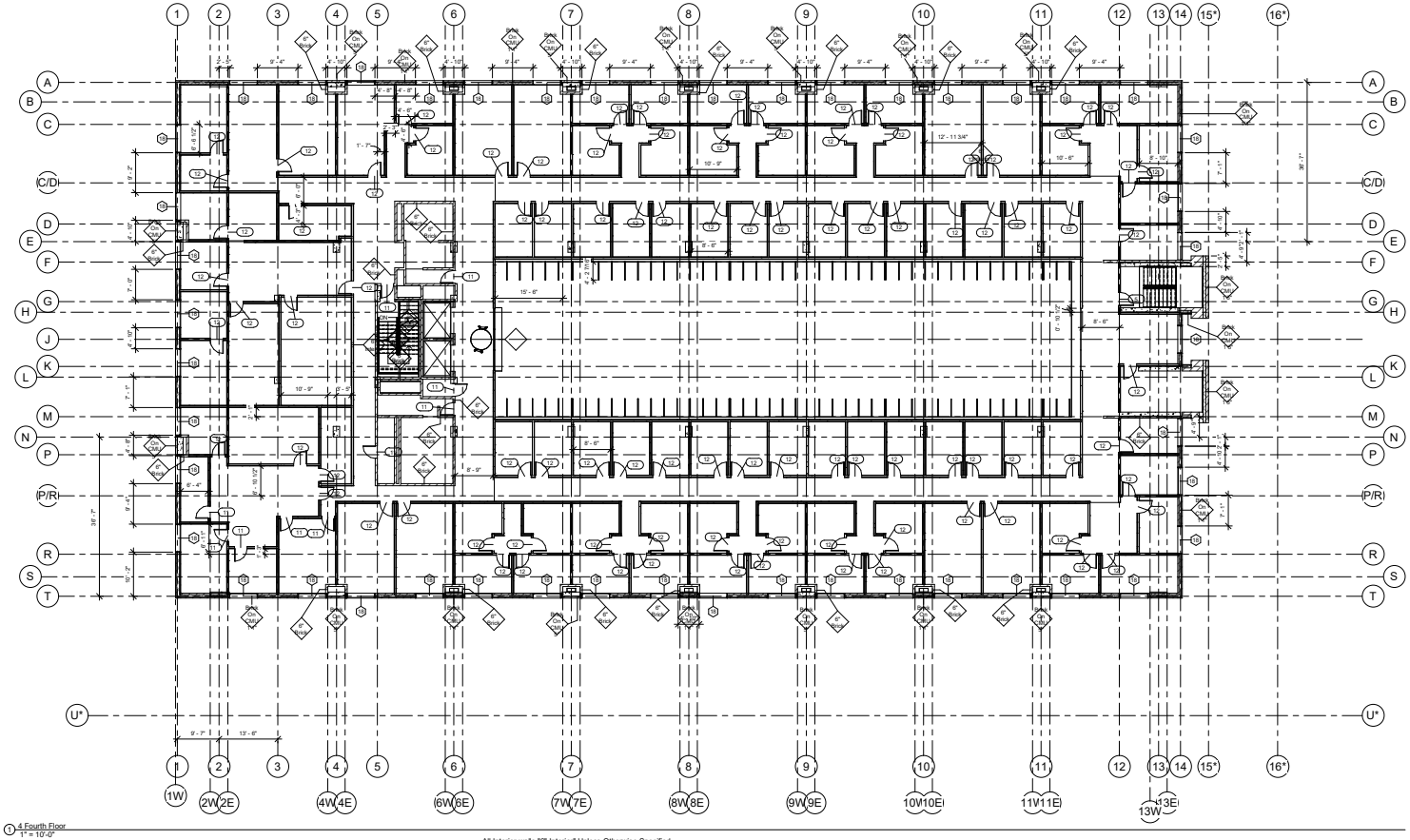

1 4 Fourth Floor
1" = 10'-0"

All Interior walls "6" Interior" Unless Otherwise Specified

All Exterior walls "1'1" Brick On CMU" Unless Otherwise Specified

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

Fourth Floor

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F112

Scale	1" = 10'-0"

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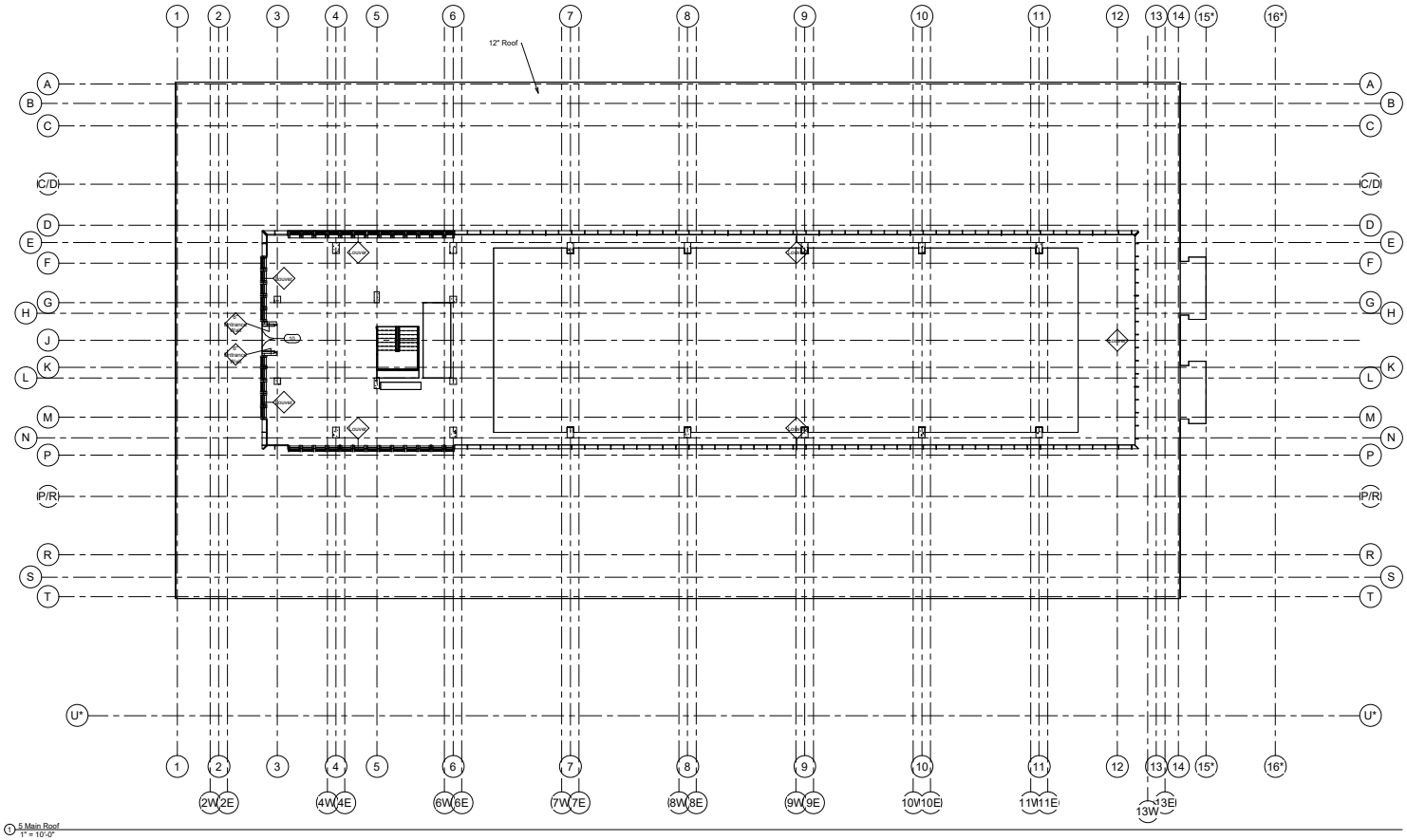

1 5 Main Roof
1" = 10'-0"

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SE 101
Design Project
ABD-2 LCLB

Main Roof

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F113

Scale	1" = 10'-0"

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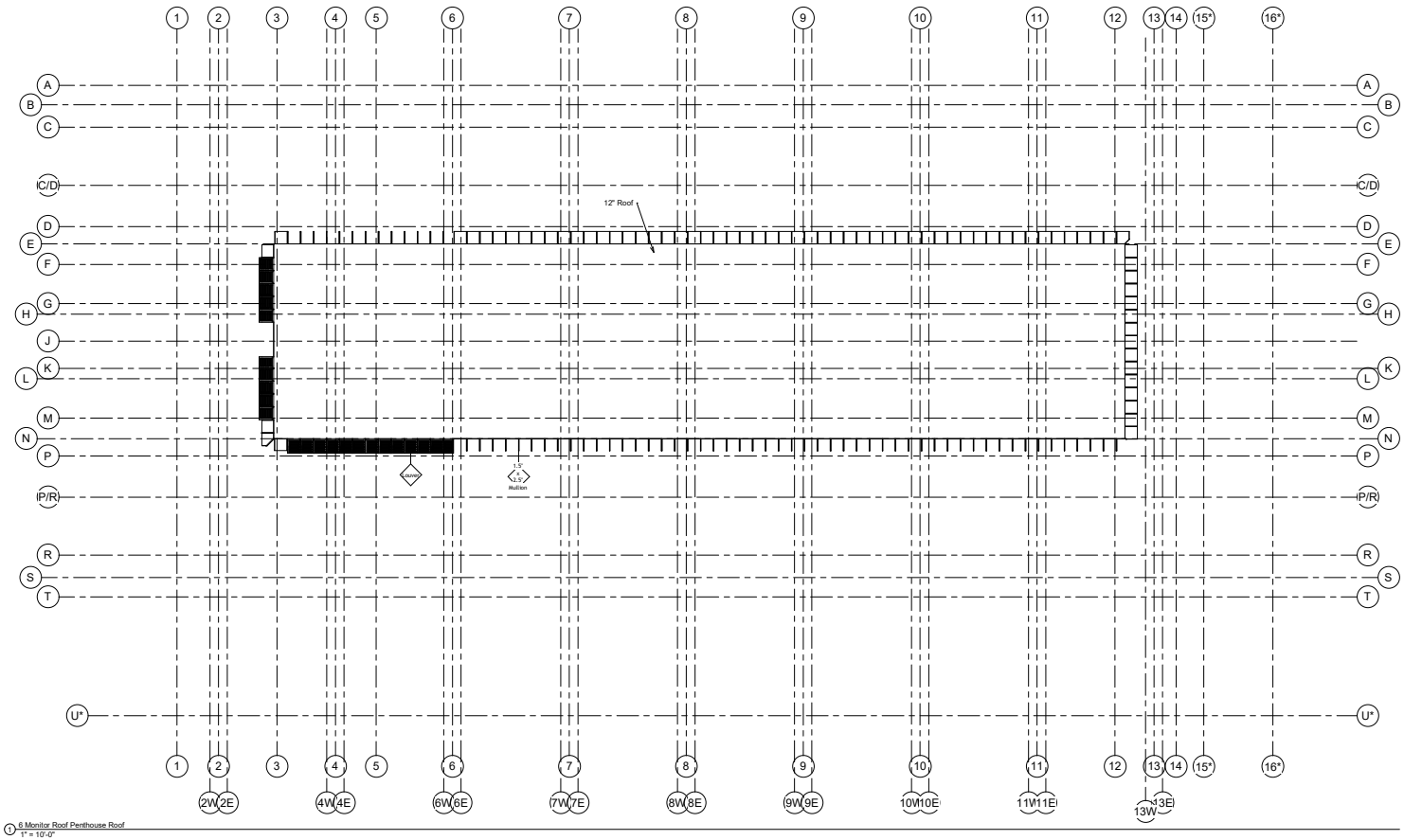


1 6 Monitor Roof Penthouse Roof
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

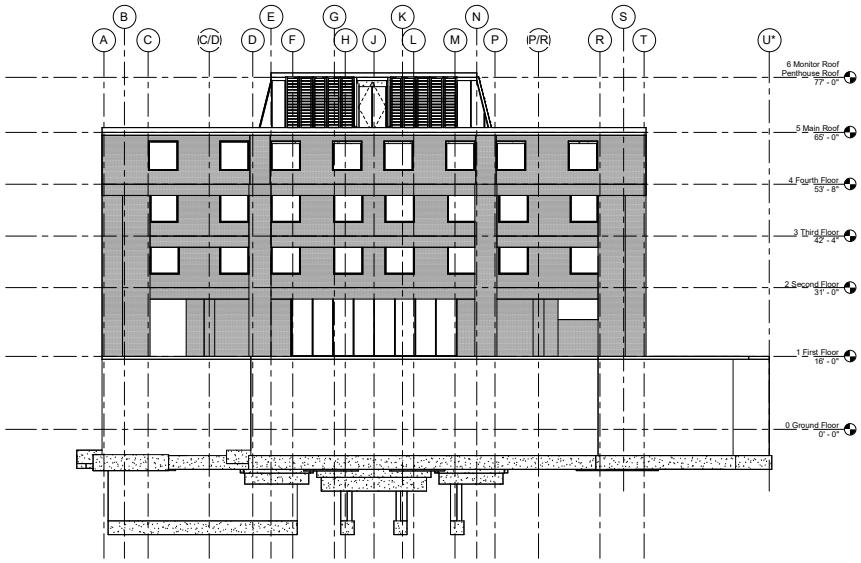
Penthouse

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F114

Scale 1" = 10'-0"

5/5/2025 9:02:10 PM



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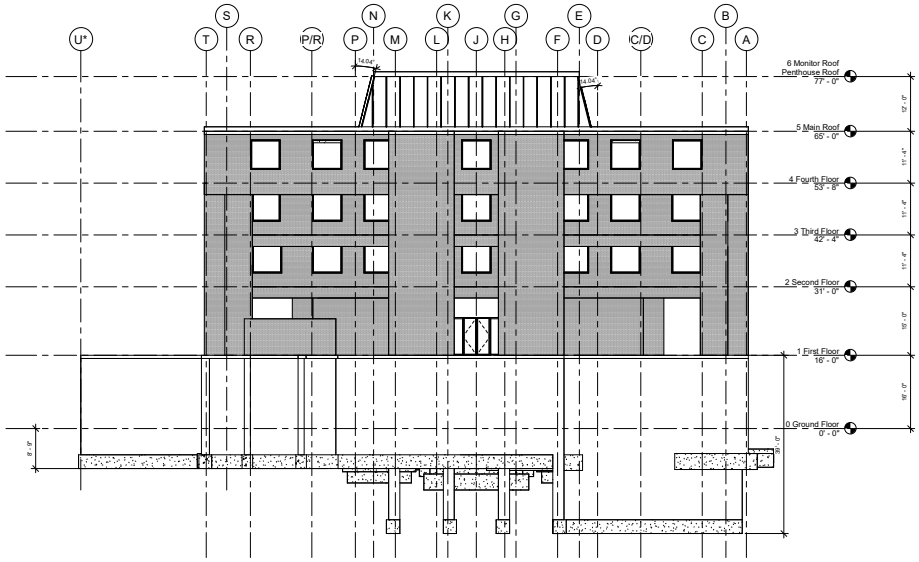

1 East
1" = 10'-0"

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East and West Elevations

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F115

Scale	1" = 10'-0"

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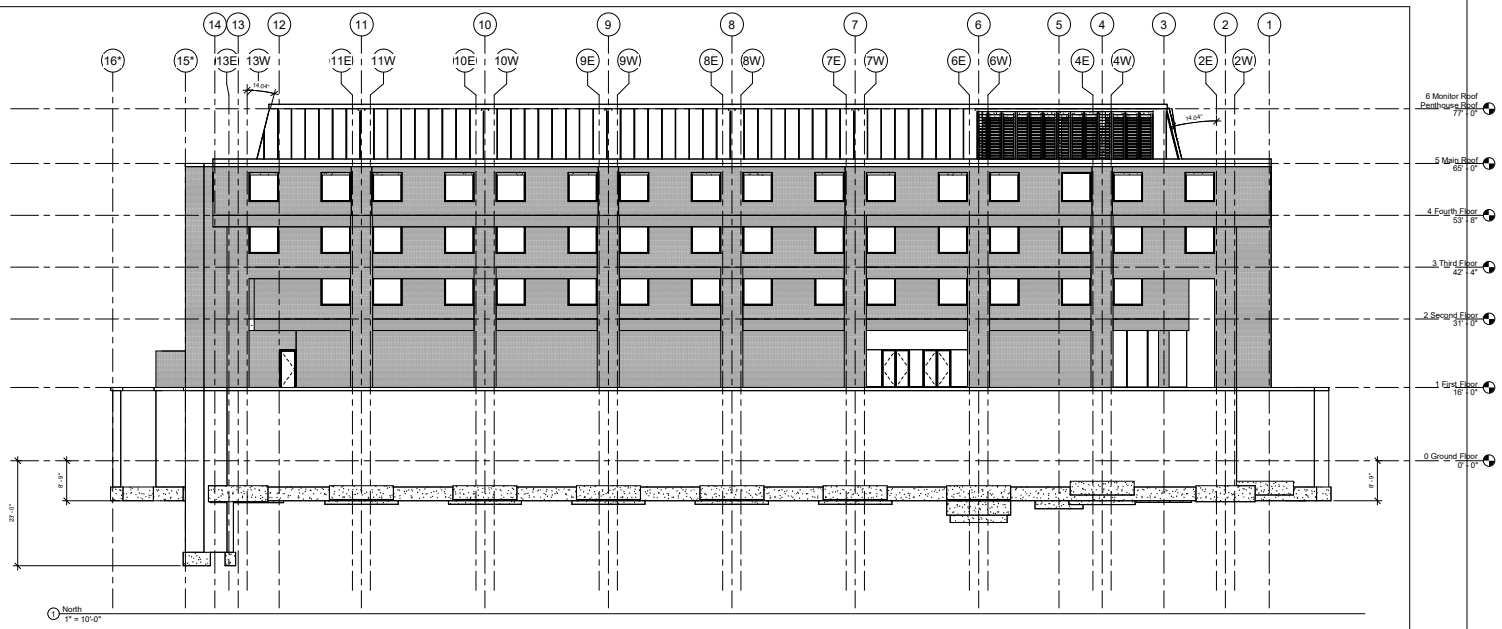

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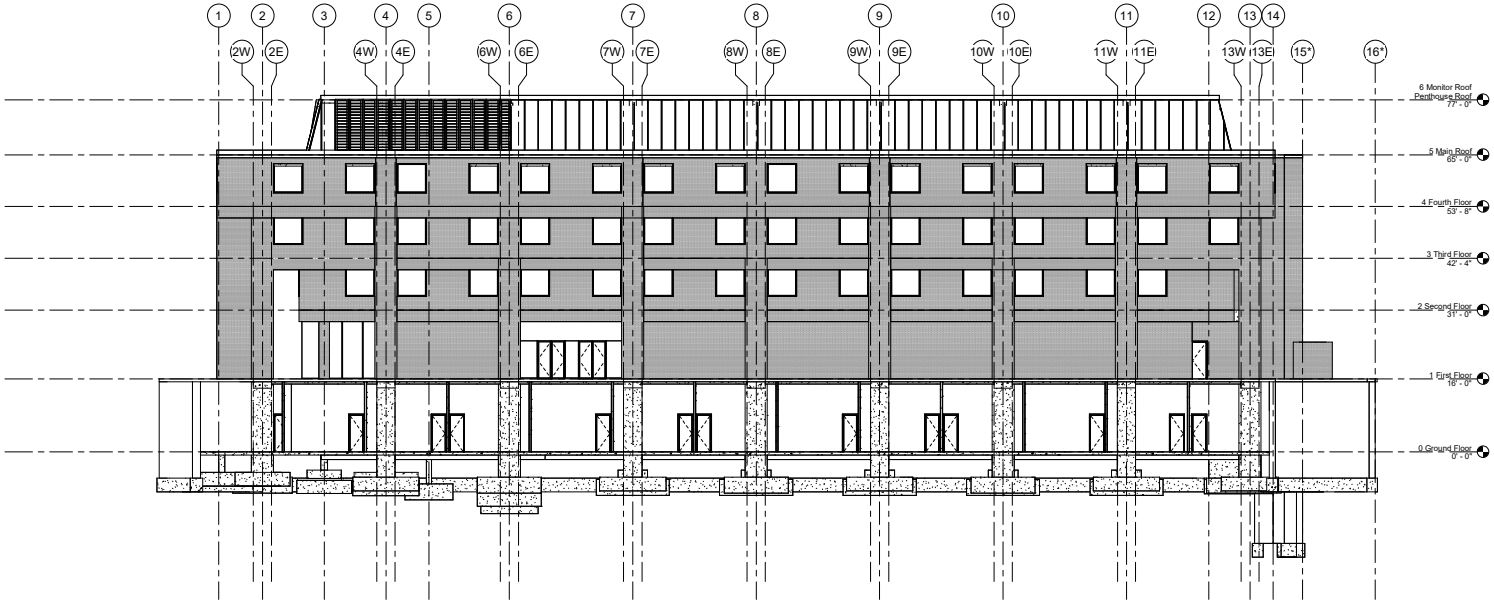
1" = 10'-0"



2 South
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

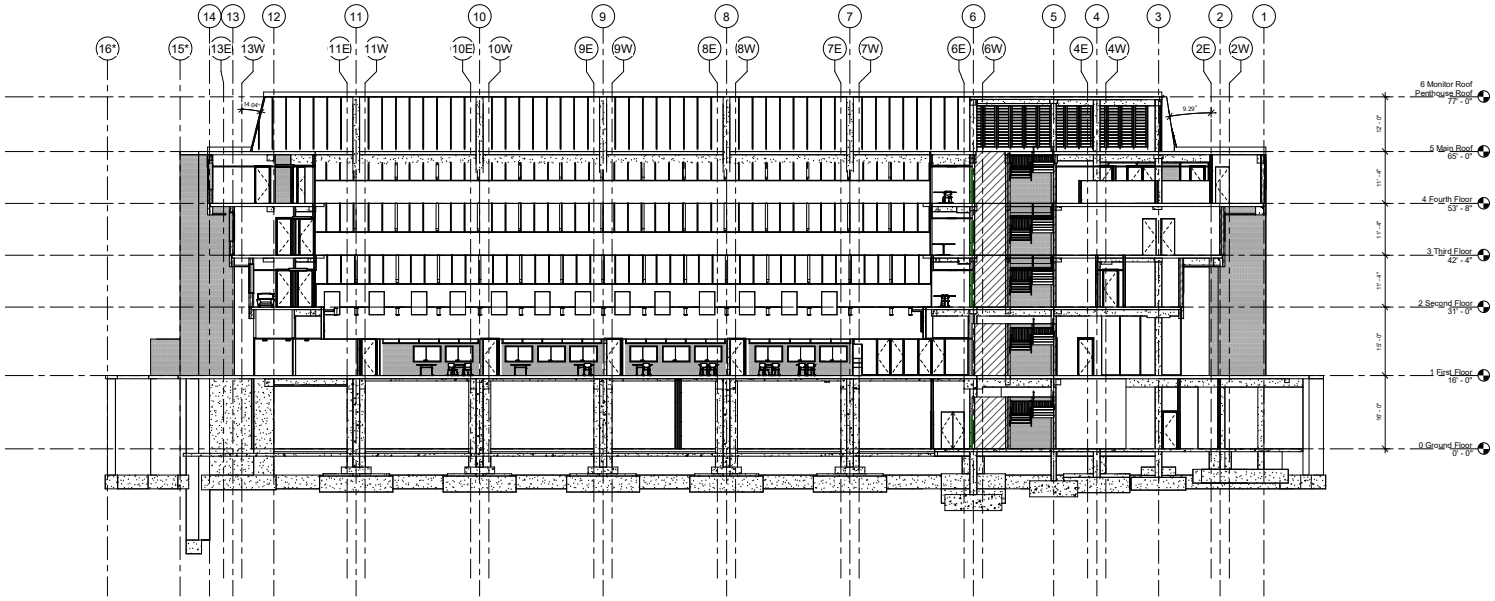
North And South Elevations

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

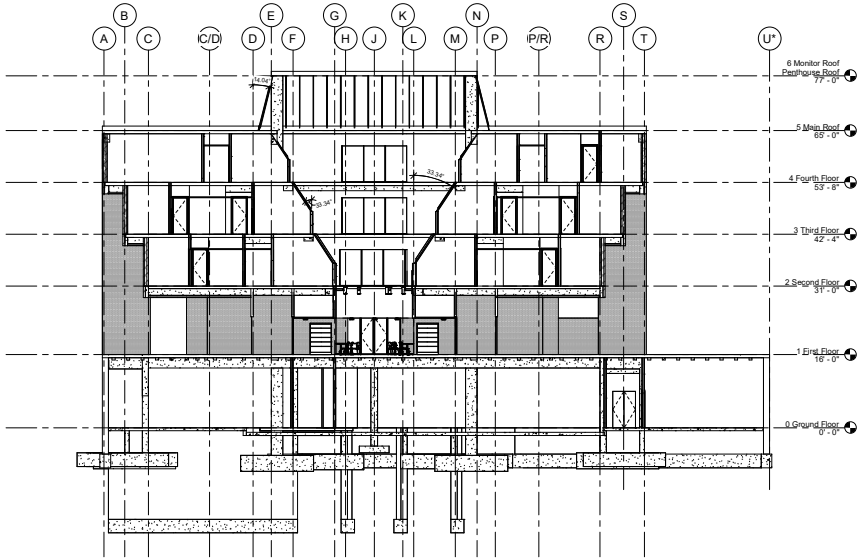
F116

Scale 1" = 10'-0"

5/5/2025 9:02:14 PM



1 Section 1
1" = 10'-0"



2 Section 2
1" = 10'-0"

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SE 101
Design Project
ABD-2 LCLB

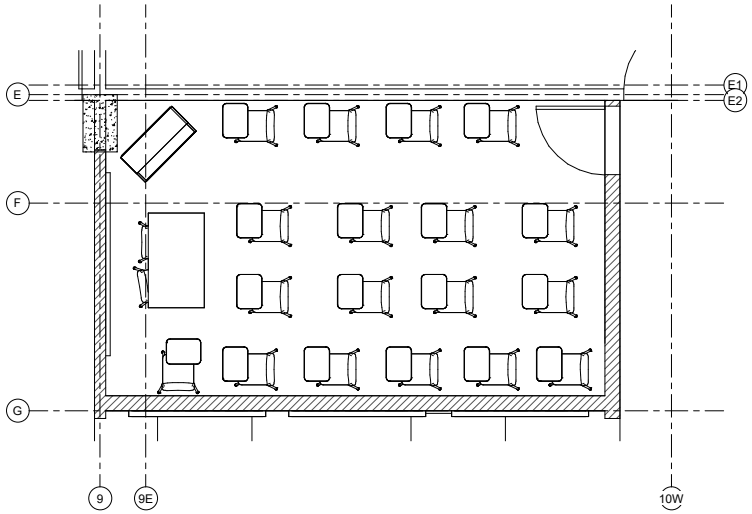
Section Views

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

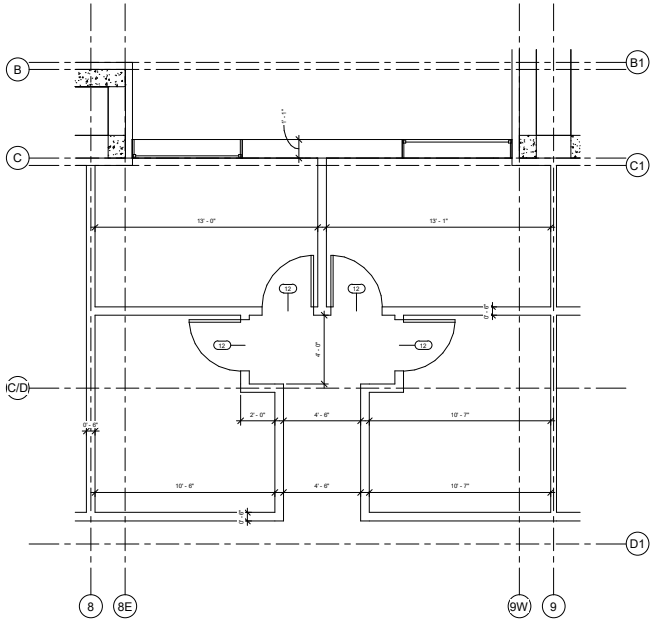
F117

Scale	1" = 10'-0"

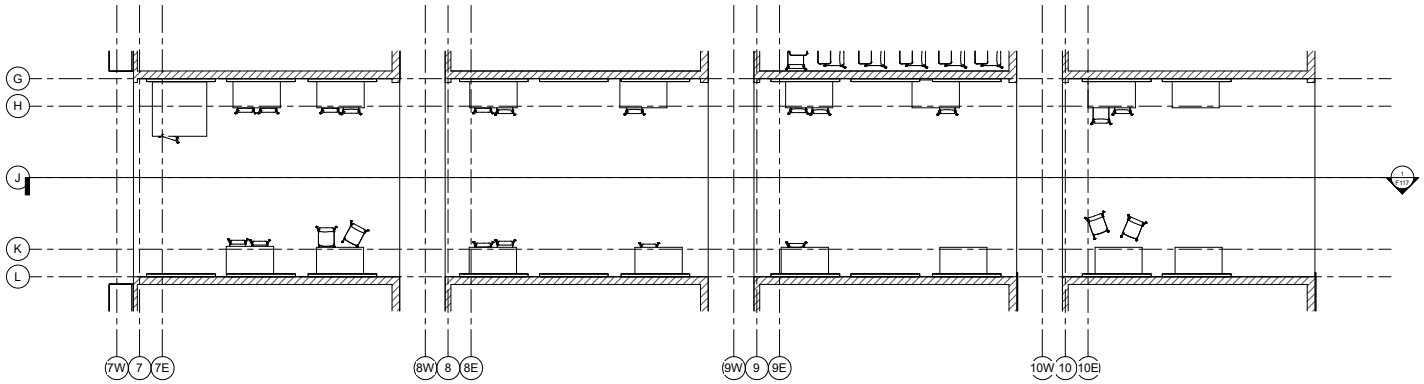
5/5/2025 9:02:18 PM



1 First Floor - Callout 1
1/2" = 1'-0"



2 Second Floor - Callout 1
3/8" = 1'-0"



1 First Floor - Callout 2
1/4" = 1'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

Callouts

Group Number	ABD-2
Date	05/05/2025
Drawn By	Ella Maciasz
Checked By	Rafi Nagorsky

F118

Scale	As indicated

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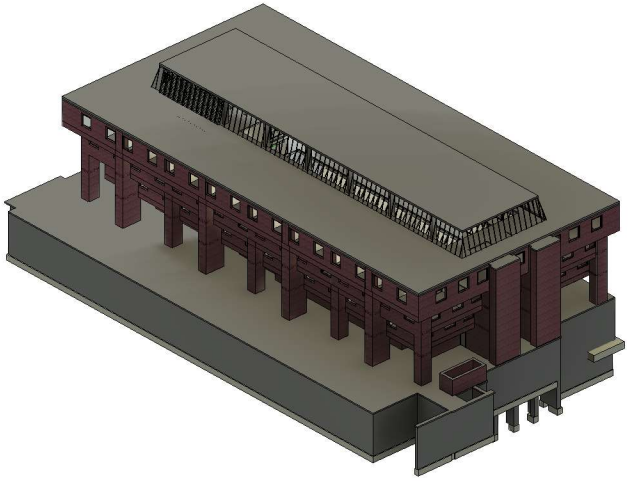
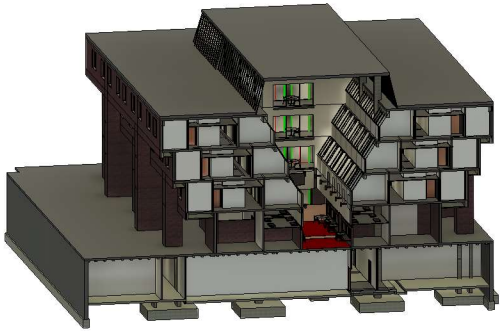
1 Interior Camera View

3 Exterior Camera View



5 Overall 3D View



4 Cut Section View

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

3D Views

Group Number	ABD-2
Date	05/05/2025
Drawn By	Ella Maciasz
Checked By	Rafi Nagorsky

F119

Scale

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Structural Column Schedule		
Family and Type	Count	Type Mark
Concrete-Rectangular-Column: 12" x 48"	34	
Concrete-Rectangular-Column: 12" x 58"	5	
Concrete-Rectangular-Column: 12" x 116"	1	
Concrete-Rectangular-Column: 12" x 169"	3	
Concrete-Rectangular-Column: 14" x 30"	2	
Concrete-Rectangular-Column: 16" x 12" - T1	36	
Concrete-Rectangular-Column: 16" x 48"	15	
Concrete-Rectangular-Column: 16" x 58"	5	
Concrete-Rectangular-Column: 18" x 18"	11	
Concrete-Rectangular-Column: 18" x 30"	16	

Grand total: 128

Structural Framing Schedule		
Family and Type	Count	Type Mark
Concrete-Rectangular Beam: 1B1 (48 x 24)	4	
Concrete-Rectangular Beam: 1B2 (12 x 38)	8	
Concrete-Rectangular Beam: 1B3 (48 x 35)	3	
Concrete-Rectangular Beam: 1B4 (48 x 35)	3	
Concrete-Rectangular Beam: 1B5 (48 x 35)	3	
Concrete-Rectangular Beam: 1B6 (48 x 35)	3	
Concrete-Rectangular Beam: 1B7 (12 x 38)	6	
Concrete-Rectangular Beam: 1B8 (12 x 38)	2	
Concrete-Rectangular Beam: 1B9 (48 x 35)	2	
Concrete-Rectangular Beam: 1B10 (48 x 28)	2	
Concrete-Rectangular Beam: 1B11 (17 x 49)	5	
Concrete-Rectangular Beam: 1B12 (48 x 24.5)	5	
Concrete-Rectangular Beam: 1B13 (17 x49)	10	
Concrete-Rectangular Beam: 1B14 (48 x35)	2	
Concrete-Rectangular Beam: 1B15 (48 x35)	2	
Concrete-Rectangular Beam: 1B16 (48 x35)	2	
Concrete-Rectangular Beam: 1B17 (48 x35)	3	
Concrete-Rectangular Beam: 1B18 (12 x38)	7	
Concrete-Rectangular Beam: 1B19 (12 x38)	7	
Concrete-Rectangular Beam: 1B20 (48 x35)	1	
Concrete-Rectangular Beam: 1B21 (48 x35)	1	
Concrete-Rectangular Beam: 1B22 (33 x35)	1	
Concrete-Rectangular Beam: 1B23 (48 x35)	1	
Concrete-Rectangular Beam: 1B24 (12 x24)	1	
Concrete-Rectangular Beam: 1B25 (18 x24)	1	
Concrete-Rectangular Beam: 1B26 (26 x30)	2	
Concrete-Rectangular Beam: 1B27 (26 x30)	2	
Concrete-Rectangular Beam: 1B28 (12 x30)	2	
Concrete-Rectangular Beam: 1B29 (48 x 35) (est)	1	
Concrete-Rectangular Beam: 1B29 (EXTRA) (24 x 35) (est)	1	
Concrete-Rectangular Beam: 1B30 (26 x 28)	1	
Concrete-Rectangular Beam: 1B31 (26 x 28)	1	
Concrete-Rectangular Beam: 1B32 (20 x 24)	2	
Concrete-Rectangular Beam: 1B33 (20 x 24)	2	
Concrete-Rectangular Beam: 1B35 (24 x 28.5)	1	
Concrete-Rectangular Beam: 1B36 (48 x35)	1	
Concrete-Rectangular Beam: 1B37 (30 x 24)	1	
Concrete-Rectangular Beam: 1B38 (30 x 24)	1	
Concrete-Rectangular Beam: 1B39 (12 x 18)	1	
Concrete-Rectangular Beam: 1B40 (12 x 18)	1	
Concrete-Rectangular Beam: 1B41 (12 x 16)	2	
Concrete-Rectangular Beam: 1B42 (12 x 12)	2	
Concrete-Rectangular Beam: 1B46 (8 x 12)	1	

Structural Framing Schedule		
Family and Type	Count	Type Mark
Concrete-Rectangular Beam: 1B47 (12 x 17)	1	
Concrete-Rectangular Beam: 1B48 (10 x 24)	1	
Concrete-Rectangular Beam: 1B49 (12 x 16)	1	
Concrete-Rectangular Beam: 2B1 (30 x 24)	12	
Concrete-Rectangular Beam: 2B2 (30 x 24)	8	
Concrete-Rectangular Beam: 2B3 (30 x 24)	12	
Concrete-Rectangular Beam: 2B4 (30 x 24)	8	
Concrete-Rectangular Beam: 2B5 (30 x 24)	4	
Concrete-Rectangular Beam: 2B6 (18 x 18)	1	
Concrete-Rectangular Beam: 2B7 (12 x 18)	1	
Concrete-Rectangular Beam: 2B8 (20 x 18)	1	
Concrete-Rectangular Beam: 2B9 (60 x 28)	2	
Concrete-Rectangular Beam: 2B10 (60 x 28)	2	
Concrete-Rectangular Beam: 2B11 (48 x 24)	2	
Concrete-Rectangular Beam: 2B12 (48 x 24)	2	
Concrete-Rectangular Beam: 2B13 (24 x 24)	2	
Concrete-Rectangular Beam: 2B14 (24 x 24)	2	
Concrete-Rectangular Beam: 2B15 (12 x 24)	2	
Concrete-Rectangular Beam: 2B16 (30 x 24)	4	
Concrete-Rectangular Beam: 2B17 (12 x 24)	1	
Concrete-Rectangular Beam: 2B18 (12 x 18)	2	
Concrete-Rectangular Beam: 2S1 (8 x 30)	1	
Concrete-Rectangular Beam: 2S2 (8 x 30)	1	
Concrete-Rectangular Beam: 2S3 (8 x 30)	1	
Concrete-Rectangular Beam: 2S4 (8 x 30)	4	
Concrete-Rectangular Beam: 2S6 (16 x 24)	1	
Concrete-Rectangular Beam: 2S7 (8 x 30)	2	
Concrete-Rectangular Beam: 2S8 (8 x 30)	10	
Concrete-Rectangular Beam: 2S9 (14 x 24)	2	
Concrete-Rectangular Beam: 2S10 (24 x 24)	2	
Concrete-Rectangular Beam: 2S11 (10 x 24)	2	
Concrete-Rectangular Beam: 2S12 (10 x 24)	2	
Concrete-Rectangular Beam: 2S13 (24 x 24)	1	
Concrete-Rectangular Beam: 2S14 (24 x 24)	1	
Concrete-Rectangular Beam: 2S15 (18 x 30)	1	
Concrete-Rectangular Beam: 2S16 (18 x 24)	1	
Concrete-Rectangular Beam: 2S17 (12 x 30)	1	
Concrete-Rectangular Beam: 2S18 (18 x 30)	1	
Concrete-Rectangular Beam: 2S19 (18 x 30)	2	
Concrete-Rectangular Beam: 2S20 (18 x 30)	2	
Concrete-Rectangular Beam: 2S21 (12 x 30)	12	
Concrete-Rectangular Beam: 2S22 (12 x 30)	12	
Concrete-Rectangular Beam: 2S23 (12 x 30)	4	

Structural Framing Schedule		
Family and Type	Count	Type Mark
Concrete-Rectangular Beam: 2S24 (12 x 30)	11	
Concrete-Rectangular Beam: 2S25 (12 x 30)	4	
Concrete-Rectangular Beam: 3B1 (28 x 24)	12	
Concrete-Rectangular Beam: 3B2 (28 x 24)	12	
Concrete-Rectangular Beam: 3B3 (28 x 24)	8	
Concrete-Rectangular Beam: 3B4 (28 x 24)	16	
Concrete-Rectangular Beam: 3B5 (28 x 24)	16	
Concrete-Rectangular Beam: 3B6 (28 x 24)	8	
Concrete-Rectangular Beam: 3B7 (28 x 18)	4	
Concrete-Rectangular Beam: 3B8 (28 x 18)	2	
Concrete-Rectangular Beam: 3B9 (28 x 18)	2	
Concrete-Rectangular Beam: 3B10 (18 x 18)	1	
Concrete-Rectangular Beam: 3B11 (12 x 18)	1	
Concrete-Rectangular Beam: 3B12 (20 x 18)	1	
Concrete-Rectangular Beam: 3B13 (26 x 18)	2	
Concrete-Rectangular Beam: 3B14 (12 x 22)	2	
Concrete-Rectangular Beam: 3B15 (12 x 22)	2	
Concrete-Rectangular Beam: 3B16 (28 x 24)	4	
Concrete-Rectangular Beam: 3B18 (28 x 18)	2	
Concrete-Rectangular Beam: 3B19 (12 x 14)	1	
Concrete-Rectangular Beam: 3B20 (12 x 18)	2	
Concrete-Rectangular Beam: 3B21 (20 x 18)	1	
Concrete-Rectangular Beam: 3B22 (27 x 18)	2	
Concrete-Rectangular Beam: 3B23 (22 x 14)	1	
Concrete-Rectangular Beam: 3S1 (8 x 30)	4	
Concrete-Rectangular Beam: 3S2 (8 x 30)	6	
Concrete-Rectangular Beam: 3S3 (8 x 30)	6	
Concrete-Rectangular Beam: 3S4 (12 x 30)	16	
Concrete-Rectangular Beam: 3S5 (12 x 16)	4	
Concrete-Rectangular Beam: 3S6 (12 x 30)	4	
Concrete-Rectangular Beam: 3S7 (22 x 30)	2	
Concrete-Rectangular Beam: 3S8 (12 x 30)	2	
Concrete-Rectangular Beam: 3S9 (8 x 30)	1	
Concrete-Rectangular Beam: 3S10 (24 x 30)	1	
Concrete-Rectangular Beam: 3S11 (24 x 30)	1	
Concrete-Rectangular Beam: 3S12 (24 x 30)	1	
Concrete-Rectangular Beam: 3S13 (12 x 30)	2	
Concrete-Rectangular Beam: 3S14 (12 x 30)	4	
Concrete-Rectangular Beam: 3S15 (20 x 18)	2	
Concrete-Rectangular Beam: 3S16 (24 x 18)	2	
Concrete-Rectangular Beam: 3S17 (10 x 24)	2	
Concrete-Rectangular Beam: 3S18 (10 x 24)	2	

Structural Framing Schedule		
Family and Type	Count	Type Mark
Concrete-Rectangular Beam: 3S19 (24 x 18)	2	
Concrete-Rectangular Beam: 4B1 (32 x 26)	12	
Concrete-Rectangular Beam: 4B2 (32 x 26)	8	
Concrete-Rectangular Beam: 4B3 (32 x 26)	12	
Concrete-Rectangular Beam: 4B4 (32 x 26)	12	
Concrete-Rectangular Beam: 4B5 (32 x 26)	8	
Concrete-Rectangular Beam: 4B6 (32 x 26)	4	
Concrete-Rectangular Beam: 4B7 (32 x 22)	4	
Concrete-Rectangular Beam: 4B8 (18 x 19)	1	
Concrete-Rectangular Beam: 4B9 (12 x 18)	1	
Concrete-Rectangular Beam: 4B10 (20 x 18)	1	
Concrete-Rectangular Beam: 4B11 (26 x 18)	2	
Concrete-Rectangular Beam: 4B12 (12 x 24)	2	
Concrete-Rectangular Beam: 4B13 (12 x 24)	2	
Concrete-Rectangular Beam: 4B14 (24 x 16)	2	
Concrete-Rectangular Beam: 4B15 (24 x 16)	1	
Concrete-Rectangular Beam: 4B16 (72 x 26)	2	
Concrete-Rectangular Beam: 4B17 (72 x 26)	2	
Concrete-Rectangular Beam: 4B18 (48 x 26)	2	
Concrete-Rectangular Beam: 4B19 (48 x 22)	2	
Concrete-Rectangular Beam: 4B20 (32 x 26)	4	
Concrete-Rectangular Beam: 4B21 (32 x 18)	4	
Concrete-Rectangular Beam: 4B22 (72 x 26)	2	
Concrete-Rectangular Beam: 4B23 (72 x 26)	2	
Concrete-Rectangular Beam: 4B24 (18 x 22)	1	
Concrete-Rectangular Beam: 4B25 (18 x 22)	1	
Concrete-Rectangular Beam: 4B26 (18 x 22)	1	
Concrete-Rectangular Beam: 4B27 (18 x 22)	3	
Concrete-Rectangular Beam: 4B28 (12 x 18)	2	
Concrete-Rectangular Beam: 4B29 (27 x 18)	2	
Concrete-Rectangular Beam: 4S1 (22 x 30)	1	
Concrete-Rectangular Beam: 4S2 (22 x 30)	1	
Concrete-Rectangular Beam: 4S3 (22 x 30)	1	
Concrete-Rectangular Beam: 4S4 (18 x 30)	1	
Concrete-Rectangular Beam: 4S5 (18 x 18)	1	
Concrete-Rectangular Beam: 4S6 (8 x 30)	1	
Concrete-Rectangular Beam: 4S7 (18 x 30)	1	
Concrete-Rectangular Beam: 4S8 (18 x 30)	2	
Concrete-Rectangular Beam: 4S9 (18 x 30)	2	
Concrete-Rectangular Beam: 4S10 (12 x 30)	2	
Concrete-Rectangular Beam: 4S11 (12 x 30)	2	
Concrete-Rectangular Beam: 4S12 (12 x 30)	2	
Concrete-Rectangular Beam: 4S13 (12 x 30)	2	

Structural Framing Schedule		
Family and Type	Count	Type Mark
Concrete-Rectangular Beam: 4S14 (12 x 30)	2	
Concrete-Rectangular Beam: 4S15 (12 x 30)	2	
Concrete-Rectangular Beam: 4S16 (18 x 22)	2	
Concrete-Rectangular Beam: 4S17 (24 x 22)	2	
Concrete-Rectangular Beam: 4S18 (8 x 26)	2	
Concrete-Rectangular Beam: 4S19 (8 x 26)	2	
Concrete-Rectangular Beam: 4S20 (24 x 22)	2	
Concrete-Rectangular Beam: IJ2 (8 x 14)	114	
Concrete-Rectangular Beam: IJ6 (8 x 14)	180	
Concrete-Rectangular Beam: IJ7 (8 x 14)	24	
Concrete-Rectangular Beam: IJ12 (18 x 14)	11	
Concrete-Rectangular Beam: IJ13 (18 x 14)	8	
Concrete-Rectangular Beam: IJ17 (23 x 14)	2	
Concrete-Rectangular Beam: IJ18 (31 x 14)	2	
Concrete-Rectangular Beam: IJ19 (31 x 14)	2	
Concrete-Rectangular Beam: IJ20 (31 x 14)	5	
Concrete-Rectangular Beam: PS1 12 x 18	2	
Concrete-Rectangular Beam: PS2 20 x 18	1	
Concrete-Rectangular Beam: PS3 20 x 18	1	
Concrete-Rectangular Beam: PS4 20 x 18	1	
Concrete-Rectangular Beam: PS6 14 x 22	1	
Concrete-Rectangular Beam: PS7 14 x 23	2	
Concrete-Rectangular Beam: PS8 30 x 24	2	
Concrete-Rectangular Beam: PS9 30 x 24	2	
Concrete-Rectangular Beam: PS10 18 x 24	1	
Concrete-Rectangular Beam: PS11 18 x 24	1	
Concrete-Rectangular Beam: PS12 18 x 24	1	
Concrete-Rectangular Beam: RB1 12 x 30	1	
Concrete-Rectangular Beam: RB2 12 x 36	1	
Concrete-Rectangular Beam: RB3 18 x 33	1	
Concrete-Rectangular Beam: RB4 20 x 18	1	
Concrete-Rectangular Beam: RB5 10 x 30	1	

Structural Framing Schedule		
Family and Type	Count	Type Mark
Concrete-Rectangular Beam: RB6 20 x 18	1	
Concrete-Rectangular Beam: RB7 24 x 18	1	
Concrete-Rectangular Beam: RB8 24 x 18	1	
Concrete-Rectangular Beam: RB9 24 x 18	1	
Concrete-Rectangular Beam: RB10 48 x 28	2	
Concrete-Rectangular Beam: RB11 48 x 24	2	
Concrete-Rectangular Beam: RB12 15 x 24	2	
Concrete-Rectangular Beam: RS1 18 x 30	1	
Concrete-Rectangular Beam: RS2 18 x 30	1	
Concrete-Rectangular Beam: RS3 18 x 30	1	
Concrete-Rectangular Beam: RS4 15 x 36	2	
Concrete-Rectangular Beam: RS5 15 x 36	2	
Concrete-Rectangular Beam: RS6 15 x 36	2	
Concrete-Rectangular Beam: RS7 15 x 36	2	
Concrete-Rectangular Beam: RS8 16 x 18	1	
Concrete-Rectangular Beam: RS9 16 x 30	1	
Concrete-Rectangular Beam: RS10 16 x 18	1	
Concrete-Rectangular Beam: RS11 18 x 36	1	
Concrete-Rectangular Beam: RS12 18 x 24	1	
Concrete-Rectangular Beam: RS13 18 x 24	1	
Concrete-Rectangular Beam: RS14 18 x 36	1	
Concrete-Rectangular Beam: RS15 18 x 30	1	
Concrete-Rectangular Beam: RS16 18 x 18	1	
Concrete-Rectangular Beam: RS17 8 x 30	1	
Concrete-Rectangular Beam: RS18 18 x 30	1	
Concrete-Rectangular Beam: RS19 18 x 30	2	
Concrete-Rectangular Beam: RS20 18 x 30	2	
Concrete-Rectangular Beam: RS21 15 x 30	2	
Concrete-Rectangular Beam: RS22 15 x 30	2	
Concrete-Rectangular Beam: RS23 18 x 30	2	
Concrete-Rectangular Beam: RS24 18 x 30	2	

Grand total: 975

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

Struct. Column and Framing Schedule

Group Number	ABD-2
Date	05/05/2025
Drawn By	Ella Maciasz
Checked By	Rafi Nagorsky

F120

Scale

5/5/2025 9:02:26 PM

Door Schedule		
Type	Count	Type Mark
5		
Exterior Single	7	5
8		
Door-Curtain-Wall-Double-Storefront	10	8
10		
78" x 121"	1	10
11		
TYPE 1 2' 10" x 8' x 1.75"	40	11
12		
TYPE 2 3' x 8' x 1.75"	337	12
13		
TYPE 3 3' 6" x 8' x 1.75"	2	13
15		
Type 5 5' x 8' x 1.75"	11	15

Grand total: 408

Window Schedule			
Family and Type	Count	Sill Height	Type Mark
Fixed: 6' 1"	3	3' - 0"	19
Fixed: 6' 5"	134	3' - 0"	18

Grand total: 137

Room Schedule			
Number	Name	Level	Area
1	Conference	Not Placed	Not Placed
2	Room	Not Placed	Not Placed
1002	Mechanical Equipment	0 Ground Floor	5946 SF
1002B	DRA Room	0 Ground Floor	169 SF
1002A	TELE. Equipment	0 Ground Floor	142 SF
1008	Library Lab	0 Ground Floor	3142 SF
1088D	Phonetics Lab	0 Ground Floor	399 SF
1084	Phonetics Laboratory	0 Ground Floor	568 SF
1027	Classroom Lab	0 Ground Floor	1049 SF
1023	Classroom Lab	0 Ground Floor	1049 SF
1017	Classroom Lab	0 Ground Floor	1049 SF
1013	Classroom Lab	0 Ground Floor	1049 SF
1009	Classroom Lab	0 Ground Floor	1049 SF
1003	Classroom Lab	0 Ground Floor	1102 SF
1018	Classroom	0 Ground Floor	454 SF
1020	Classroom	0 Ground Floor	456 SF
1024	Classroom	0 Ground Floor	456 SF
1030	Classroom	0 Ground Floor	456 SF
1032	Classroom	0 Ground Floor	456 SF
1036	Classroom	0 Ground Floor	456 SF
1046	Classroom	0 Ground Floor	456 SF
1048	Classroom	0 Ground Floor	456 SF
1052	Classroom	0 Ground Floor	456 SF
1058	Classroom	0 Ground Floor	456 SF
1062	Classroom	0 Ground Floor	456 SF
1066	Classroom	0 Ground Floor	450 SF
1070	Classroom	0 Ground Floor	471 SF
1084A	Women's T.	0 Ground Floor	154 SF
1084B	Men's T.	0 Ground Floor	168 SF
1088B	Shop	0 Ground Floor	435 SF
1076B	Transformer Vault	0 Ground Floor	694 SF
1071B	Central Duplicating	0 Ground Floor	420 SF
1067	Lounge	0 Ground Floor	175 SF
1069B	Control Room	0 Ground Floor	304 SF
1089C	Vidio Monitoring	0 Ground Floor	293 SF
1089B	Audio Visual Storage	0 Ground Floor	281 SF
1069A	AAAAAAA	0 Ground Floor	20 SF
1069	Telecommunication	0 Ground Floor	619 SF
1089	Secretary Recpt	0 Ground Floor	335 SF
1089D	Material Preperation	0 Ground Floor	302 SF
1090	Director Office	0 Ground Floor	172 SF
1090A	Asst. Director	0 Ground Floor	121 SF
2090A	Women's Toilet	1 First Floor	219 SF

Room Schedule			
Number	Name	Level	Area
2092A	Men's Toilet	1 First Floor	184 SF
2080	Student-Faculty Lounge	1 First Floor	984 SF
2077	Entry	1 First Floor	223 SF
2112	Seminar Rm.	1 First Floor	270 SF
2110	Seminar Rm.	1 First Floor	285 SF
2118	Seminar Room	1 First Floor	281 SF
2120	Classroom	1 First Floor	455 SF
2128	Classroom	1 First Floor	456 SF
2126	Seminar Room	1 First Floor	281 SF
2134	Seminar Room	1 First Floor	269 SF
2136	Classroom	1 First Floor	455 SF
2140	Seminar Room	1 First Floor	290 SF
2018	Seminar Room	1 First Floor	279 SF
2024	Seminar Room	1 First Floor	269 SF
2022	Classroom	1 First Floor	434 SF
2032	Seminar Room	1 First Floor	281 SF
2030	Classroom	1 First Floor	435 SF
2040	Seminar Room	1 First Floor	281 SF
2038	Observation Room	1 First Floor	434 SF
2048	Seminar Room	1 First Floor	285 SF
2046	Seminar Room	1 First Floor	276 SF
2073	Entry	1 First Floor	223 SF
2070	Conference Rm.	1 First Floor	185 SF
2070A	Vending	1 First Floor	101 SF
2080A	Kitchen	1 First Floor	59 SF
2070B	Room	1 First Floor	72 SF
2079B	Janitor	1 First Floor	25 SF
2079A	Elect.	1 First Floor	23 SF
2095A	Telephone	1 First Floor	23 SF
2095	Corridor	1 First Floor	84 SF
2065	Light Court	1 First Floor	3595 SF
3150	Office	2 Second Floor	121 SF
3148	Office	2 Second Floor	121 SF
3146	Office	2 Second Floor	89 SF
3154	Office	2 Second Floor	153 SF
3142	Office	2 Second Floor	268 SF
3136	Office	2 Second Floor	268 SF
3130	Office	2 Second Floor	112 SF
3128	Office	2 Second Floor	112 SF
3126	Office	2 Second Floor	113 SF
3132	Office	2 Second Floor	112 SF
3122	Office	2 Second Floor	112 SF
3120	Office	2 Second Floor	112 SF
3118	Office	2 Second Floor	112 SF
3124	Office	2 Second Floor	113 SF
3114	Office	2 Second Floor	268 SF
3112	Office	2 Second Floor	269 SF
3100B	Office	2 Second Floor	115 SF
3100A	Office	2 Second Floor	114 SF
3100C	Office	2 Second Floor	111 SF
3080K	Admin Office	2 Second Floor	114 SF
3080J	Admin Office	2 Second Floor	114 SF
3080F	Dept Head	2 Second Floor	207 SF
3080E	Dept Head Sec.	2 Second Floor	97 SF
3080D	Admin Office	2 Second Floor	98 SF
3080G	Reading Room	2 Second Floor	202 SF
3080B	Admin Office	2 Second Floor	101 SF
3080A	Conference	2 Second Floor	466 SF
3070A	Journal	2 Second Floor	120 SF

Room Schedule			
Number	Name	Level	Area
3070B	Office	2 Second Floor	112 SF
3063A	Women	2 Second Floor	103 SF
3070	Secretary	2 Second Floor	156 SF
3063	Lounge	2 Second Floor	103 SF
3106	Div. Head	2 Second Floor	170 SF
3058	Office	2 Second Floor	112 SF
3052	Office	2 Second Floor	113 SF
3056	Office	2 Second Floor	112 SF
3054	Office	2 Second Floor	112 SF
3050	Office	2 Second Floor	269 SF
3046	Office	2 Second Floor	268 SF
3042	Office	2 Second Floor	112 SF
3036	Office	2 Second Floor	113 SF
3040	Office	2 Second Floor	112 SF
3038	Office	2 Second Floor	112 SF
3034	Office	2 Second Floor	113 SF
3028	Office	2 Second Floor	112 SF
3032	Office	2 Second Floor	112 SF
3030	Office	2 Second Floor	112 SF
3024	Office	2 Second Floor	268 SF
3022	Office	2 Second Floor	268 SF
3018	Office	2 Second Floor	95 SF
3016	Office	2 Second Floor	119 SF
3014	Office	2 Second Floor	119 SF
3012	Office	2 Second Floor	153 SF
3101	Office	2 Second Floor	110 SF
3103	Office	2 Second Floor	109 SF
3107	Office	2 Second Floor	109 SF
3109	Office	2 Second Floor	110 SF
3111	Office	2 Second Floor	109 SF
3115	Office	2 Second Floor	109 SF
3117	Office	2 Second Floor	110 SF
3119	Office	2 Second Floor	109 SF
3123	Office	2 Second Floor	109 SF
3127	Office	2 Second Floor	110 SF
3129	Office	2 Second Floor	109 SF
3131	Office	2 Second Floor	109 SF
3133	Office	2 Second Floor	110 SF
3135	Office	2 Second Floor	109 SF
3139	Office	2 Second Floor	109 SF
3017	Office	2 Second Floor	108 SF
3019	Office	2 Second Floor	108 SF
3021	Office	2 Second Floor	109 SF
3023	Office	2 Second Floor	108 SF
3027	Office	2 Second Floor	108 SF
3029	Office	2 Second Floor	109 SF
3031	Office	2 Second Floor	108 SF
3035	Office	2 Second Floor	108 SF
3037	Office	2 Second Floor	109 SF
3039	Office	2 Second Floor	108 SF
3043	Office	2 Second Floor	108 SF
3045	Office	2 Second Floor	109 SF
3047	Office	2 Second Floor	108 SF
3051	Office	2 Second Floor	108 SF
3053	Office	2 Second Floor	109 SF
3100	Secretary	2 Second Floor	181 SF
3080	French Dept. Office	2 Second Floor	711 SF
3086A	Men	2 Second Floor	177 SF
3091B	Telephone	2 Second Floor	22 SF

Room Schedule			
Number	Name	Level	Area
3080M	Work Rm.	2 Second Floor	111 SF
3079A	Electrical	2 Second Floor	22 SF
3073	Sec.-Rec.	2 Second Floor	211 SF
3093	Corr.	2 Second Floor	136 SF
3079	Corridor	2 Second Floor	80 SF
3075	Corr.	2 Second Floor	581 SF
3125	Corridor	2 Second Floor	999 SF
3025	Corr.	2 Second Floor	1350 SF
4150	Office	3 Third Floor	228 SF
4154	Office	3 Third Floor	116 SF
4156	Office	3 Third Floor	117 SF
4148	Office	3 Third Floor	106 SF
4146	Office	3 Third Floor	88 SF
4142	Office	3 Third Floor	261 SF
4136	Office	3 Third Floor	261 SF
4132	Office	3 Third Floor	111 SF
4126	Office	3 Third Floor	112 SF
4128	Office	3 Third Floor	107 SF
4130	Office	3 Third Floor	106 SF
4122	Office	3 Third Floor	107 SF
4120	Office	3 Third Floor	106 SF
4118	Office	3 Third Floor	111 SF
4124	Office	3 Third Floor	112 SF
4114	Office	3 Third Floor	261 SF
4112	Office	3 Third Floor	261 SF
4108	Office	3 Third Floor	106 SF
4106	Office	3 Third Floor	106 SF
4100	Office	3 Third Floor	111 SF
4110	Office	3 Third Floor	111 SF
4092E	Dept. Head	3 Third Floor	165 SF
4092D	Secretary	3 Third Floor	106 SF
4092	Slavic Dept. Off.	3 Third Floor	230 SF
4086A	Women's Toil.	3 Third Floor	152 SF
4092C	Research	3 Third Floor	219 SF
4092B	Conference Rm.	3 Third Floor	221 SF
4080B	Administ. Office	3 Third Floor	118 SF
4092A	Work Rm.	3 Third Floor	117 SF
4080A	Admin. Office	3 Third Floor	128 SF
4080	Germ. Sect. Office	3 Third Floor	220 SF
4072E	Conference Rm.	3 Third Floor	267 SF
4072D	Dept. Head	3 Third Floor	158 SF
4072C	Executive Sect.	3 Third Floor	96 SF
4072G	Dept. Secretary	3 Third Floor	78 SF
4072F	Conference Rm.	3 Third Floor	278 SF
4072A	German Clerical Off.	3 Third Floor	251 SF
4072B	Work Rm.	3 Third Floor	86 SF
4070D	Conference Rm.	3 Third Floor	221 SF
4070C	Director's Office	3 Third Floor	165 SF
4070B	Research	3 Third Floor	165 SF
4070A	Work Rm.	3 Third Floor	111 SF
4063A	Men's T	3 Third Floor	95 SF
4072	Reception	3 Third Floor	296 SF
4070	Eng. Divison Office	3 Third Floor	401 SF
4086	Entry	3 Third Floor	105 SF
4063	Entry	3 Third Floor	49 SF
4058	Office	3 Third Floor	111 SF
4056	Office	3 Third Floor	106 SF
4054	Office	3 Third Floor	106 SF
4052	Office	3 Third Floor	111 SF

Room Schedule			
Number	Name	Level	Area
4050	Office	3 Third Floor	261 SF
4046	Office	3 Third Floor	261 SF
4042	Office	3 Third Floor	111 SF
4036	Office	3 Third Floor	112 SF
4034	Office	3 Third Floor	112 SF
4028	Office	3 Third Floor	111 SF
4040	Office	3 Third Floor	106 SF
4038	Office	3 Third Floor	107 SF
4032	Office	3 Third Floor	107 SF
4030	Office	3 Third Floor	106 SF
4024	Office	3 Third Floor	261 SF
4022	Office	3 Third Floor	261 SF
4018	Office	3 Third Floor	88 SF
4016	Office	3 Third Floor	106 SF
4014	Office	3 Third Floor	228 SF
4012	Office	3 Third Floor	116 SF
4010	Office	3 Third Floor	117 SF
4101	Office	3 Third Floor	105 SF
4103	Office	3 Third Floor	103 SF
4107	Office	3 Third Floor	105 SF
4109	Office	3 Third Floor	105 SF
4111	Office	3 Third Floor	103 SF
4115	Office	3 Third Floor	105 SF
4117	Office	3 Third Floor	105 SF
4119	Office	3 Third Floor	103 SF
4123	Office	3 Third Floor	105 SF
4127	Office	3 Third Floor	105 SF
4129	Office	3 Third Floor	103 SF
4131	Office	3 Third Floor	105 SF
4133	Office	3 Third Floor	105 SF
4135	Office	3 Third Floor	103 SF
4137	Office	3 Third Floor	105 SF
4017	Office	3 Third Floor	105 SF
4019	Office	3 Third Floor	103 SF
4021	Office	3 Third Floor	105 SF
4023	Office	3 Third Floor	105 SF
4027	Office	3 Third Floor	103 SF
4029	Office	3 Third Floor	105 SF
4031	Office	3 Third Floor	105 SF
4035	Office	3 Third Floor	103 SF
4037	Office	3 Third Floor	105 SF
4039	Office	3 Third Floor	105 SF
4043	Office	3 Third Floor	103 SF
4045	Office	3 Third Floor	105 SF
4047	Office	3 Third Floor	105 SF
4051	Office	3 Third Floor	103 SF
4053	Office	3 Third Floor	105 SF
4125	Corr.	3 Third Floor	2485 SF
4075	Corr.	3 Third Floor	913 SF
5072B	Dept. Head	4 Fourth Floor	167 SF
5072A	Office	4 Fourth Floor	113 SF
5070	Conference	4 Fourth Floor	219 SF
5072C	Sec.	4 Fourth Floor	95 SF
5072D	Office	4 Fourth Floor	106 SF
5072E	Library	4 Fourth Floor	268 SF
5072F	Work Room	4 Fourth Floor	119 SF
5068	Archeology	4 Fourth Floor	284 SF
5066	Office	4 Fourth Floor	264 SF
5063A	Women	4 Fourth Floor	181 SF

Room Schedule			
Number	Name	Level	Area
5085A	Stor.	4 Fourth Floor	59 SF
5072	Classics Dept. Office	4 Fourth Floor	379 SF
5063	Lounge	4 Fourth Floor	75 SF
5063B	Electrical	4 Fourth Floor	27 SF
5058	Office	4 Fourth Floor	113 SF
5052	Office	4 Fourth Floor	113 SF
5050	Office	4 Fourth Floor	113 SF
5044	Office	4 Fourth Floor	113 SF
5056	Office	4 Fourth Floor	109 SF
5054	Office	4 Fourth Floor	109 SF
5048	Office	4 Fourth Floor	109 SF
5046	Office	4 Fourth Floor	109 SF
5042	Office	4 Fourth Floor	113 SF
5036	Office	4 Fourth Floor	113 SF
5034	Office	4 Fourth Floor	113 SF
5028	Office	4 Fourth Floor	113 SF
5040	Office	4 Fourth Floor	109 SF
5038	Office	4 Fourth Floor	109 SF
5032	Office	4 Fourth Floor	109 SF
5030	Office	4 Fourth Floor	109 SF
5024	Office	4 Fourth Floor	264 SF
5022	Office	4 Fourth Floor	264 SF
5016E	Office	4 Fourth Floor	111 SF
5016D	Office	4 Fourth Floor	109 SF
5016C	Office	4 Fourth Floor	153 SF
5016B	Office	4 Fourth Floor	114 SF
5016A	Office	4 Fourth Floor	119 SF
5014	Office	4 Fourth Floor	106 SF
5156	Office	4 Fourth Floor	106 SF
5154	Office	4 Fourth Floor	119 SF
5150D	Office	4 Fourth Floor	114 SF
5150C	Office	4 Fourth Floor	153 SF
5150B	Office	4 Fourth Floor	109 SF
5150A	Office	4 Fourth Floor	111 SF
5142	Office	4 Fourth Floor	264 SF
5136	Office	4 Fourth Floor	264 SF
5130	Office	4 Fourth Floor	109 SF
5128	Office	4 Fourth Floor	109 SF
5126	Office	4 Fourth Floor	113 SF
5132	Office	4 Fourth Floor	113 SF
5122	Office	4 Fourth Floor	109 SF
5120	Office	4 Fourth Floor	109 SF
5118	Office	4 Fourth Floor	113 SF
5124	Office	4 Fourth Floor	113 SF
5112	Office	4 Fourth Floor	109 SF
5110	Office	4 Fourth Floor	109 SF
5108	Office	4 Fourth Floor	113 SF
5114	Office	4 Fourth Floor	113 SF
5106	Office	4 Fourth Floor	264 SF
5100	Office	4 Fourth Floor	264 SF
5196	Office	4 Fourth Floor	109 SF
5198	Office	4 Fourth Floor	111 SF
5092	Office	4 Fourth Floor	237 SF
5090	Conference	4 Fourth Floor	264 SF
5088B	Dept. Head	4 Fourth Floor	163 SF
5088A	Secretary	4 Fourth Floor	87 SF
5080G	Office	4 Fourth Floor	105 SF
5080E	Office	4 Fourth Floor	116 SF
5124	Room	4 Fourth Floor	130 SF

Room Schedule			
Number	Name	Level	Area
5080C	Secretary	4 Fourth Floor	113 SF
5080D	Dept. Head	4 Fourth Floor	158 SF
5080B	Supply	4 Fourth Floor	267 SF
5080A	Conference	4 Fourth Floor	401 SF
5101	Office	4 Fourth Floor	105 SF
5103	Office	4 Fourth Floor	103 SF
5107	Office	4 Fourth Floor	105 SF
5109	Office	4 Fourth Floor	105 SF
5111	Office	4 Fourth Floor	103 SF
5115	Office	4 Fourth Floor	105 SF
5117	Office	4 Fourth Floor	105 SF
5119	Office	4 Fourth Floor	103 SF
5123	Office	4 Fourth Floor	105 SF
5127	Office	4 Fourth Floor	105 SF
5129	Office	4 Fourth Floor	103 SF
5131	Office	4 Fourth Floor	105 SF
5133	Office	4 Fourth Floor	105 SF
5135	Office	4 Fourth Floor	103 SF
5139	Office	4 Fourth Floor	105 SF
5017	Office	4 Fourth Floor	105 SF
5019	Office	4 Fourth Floor	103 SF
5021	Office	4 Fourth Floor	105 SF
5023	Office	4 Fourth Floor	105 SF

Room Schedule			
Number	Name	Level	Area
5027	Office	4 Fourth Floor	103 SF
5029	Office	4 Fourth Floor	105 SF
5031	Office	4 Fourth Floor	105 SF
5035	Office	4 Fourth Floor	103 SF
5037	Office	4 Fourth Floor	105 SF
5039	Office	4 Fourth Floor	105 SF
5043	Office	4 Fourth Floor	103 SF
5045	Office	4 Fourth Floor	105 SF
5047	Office	4 Fourth Floor	105 SF
5051	Office	4 Fourth Floor	103 SF
5053	Office	4 Fourth Floor	105 SF
5002	Office	4 Fourth Floor	184 SF
5016	Office-Sec.	4 Fourth Floor	139 SF
5006	Telephone	4 Fourth Floor	152 SF
5150	Office	4 Fourth Floor	139 SF
5088	Linguistics	4 Fourth Floor	268 SF
5080H	Sec.	4 Fourth Floor	120 SF
5080	Spanish Dept. Office	4 Fourth Floor	357 SF
5086A	Men	4 Fourth Floor	162 SF
5086B	Telephone	4 Fourth Floor	22 SF
5086	Entrance	4 Fourth Floor	34 SF
5125	Corr.	4 Fourth Floor	2501 SF
5075	Corr.	4 Fourth Floor	1491 SF

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

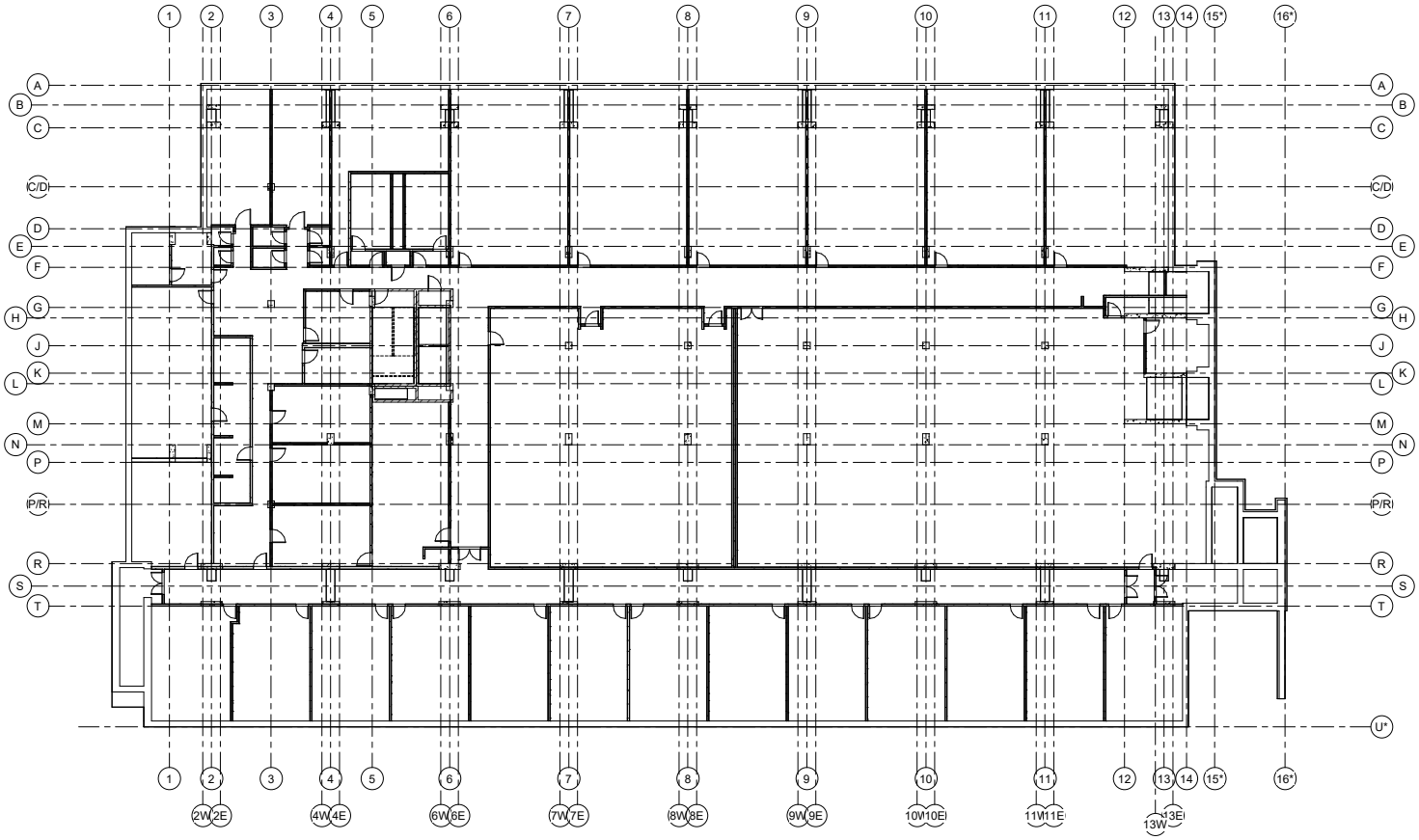
Door, Window, and Room Schedule

Group Number	ABD-2
Date	05/05/2025
Drawn By	Ella Maciasz
Checked By	Rafi Nagorsky

F121

Scale

5/5/2025 9:02:26 PM



1 0 Ground Floor
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

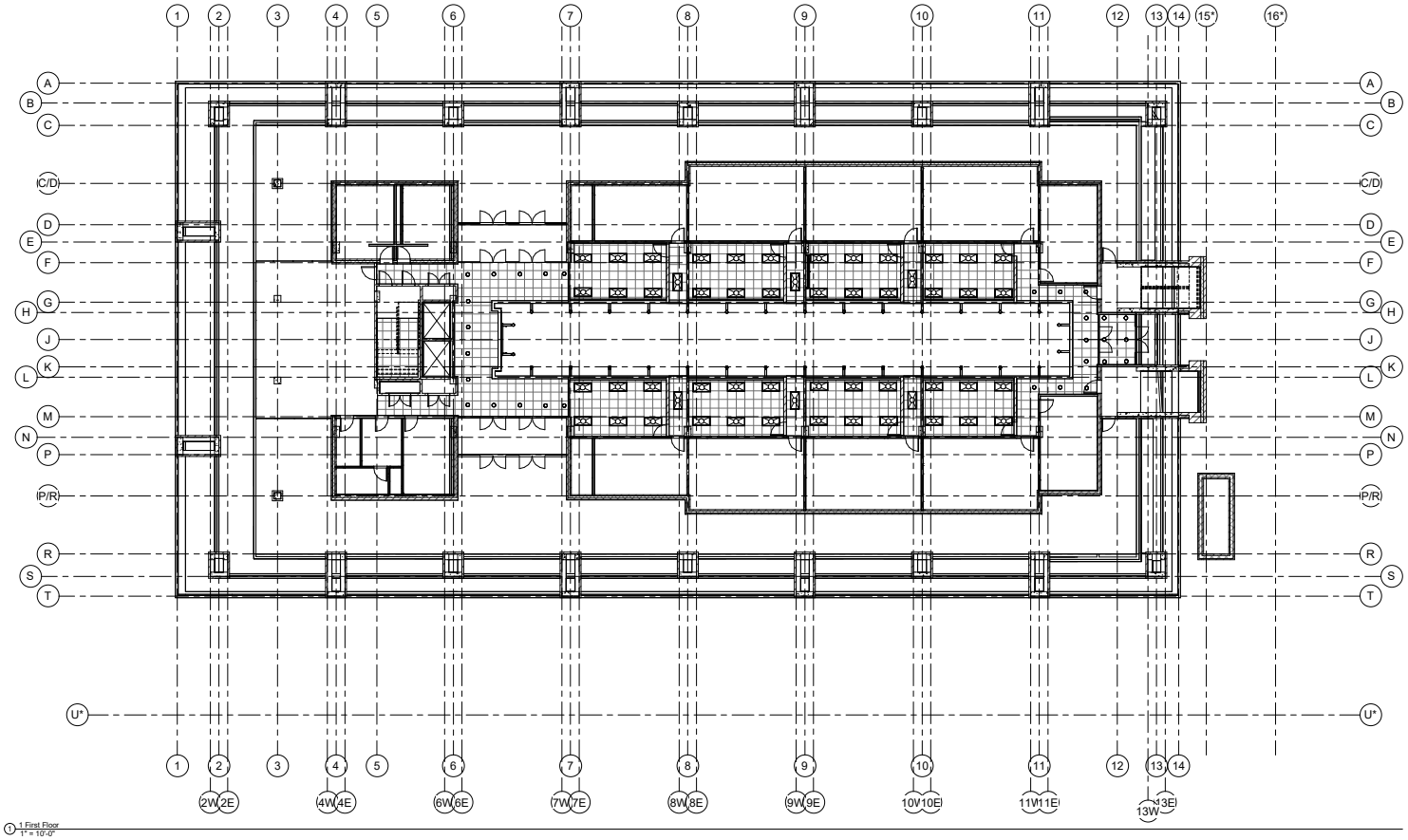
Ground Floor
Ceiling

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F122

Scale	1" = 10'-0"

5/5/2025 9:02:27 PM



1 First Floor
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

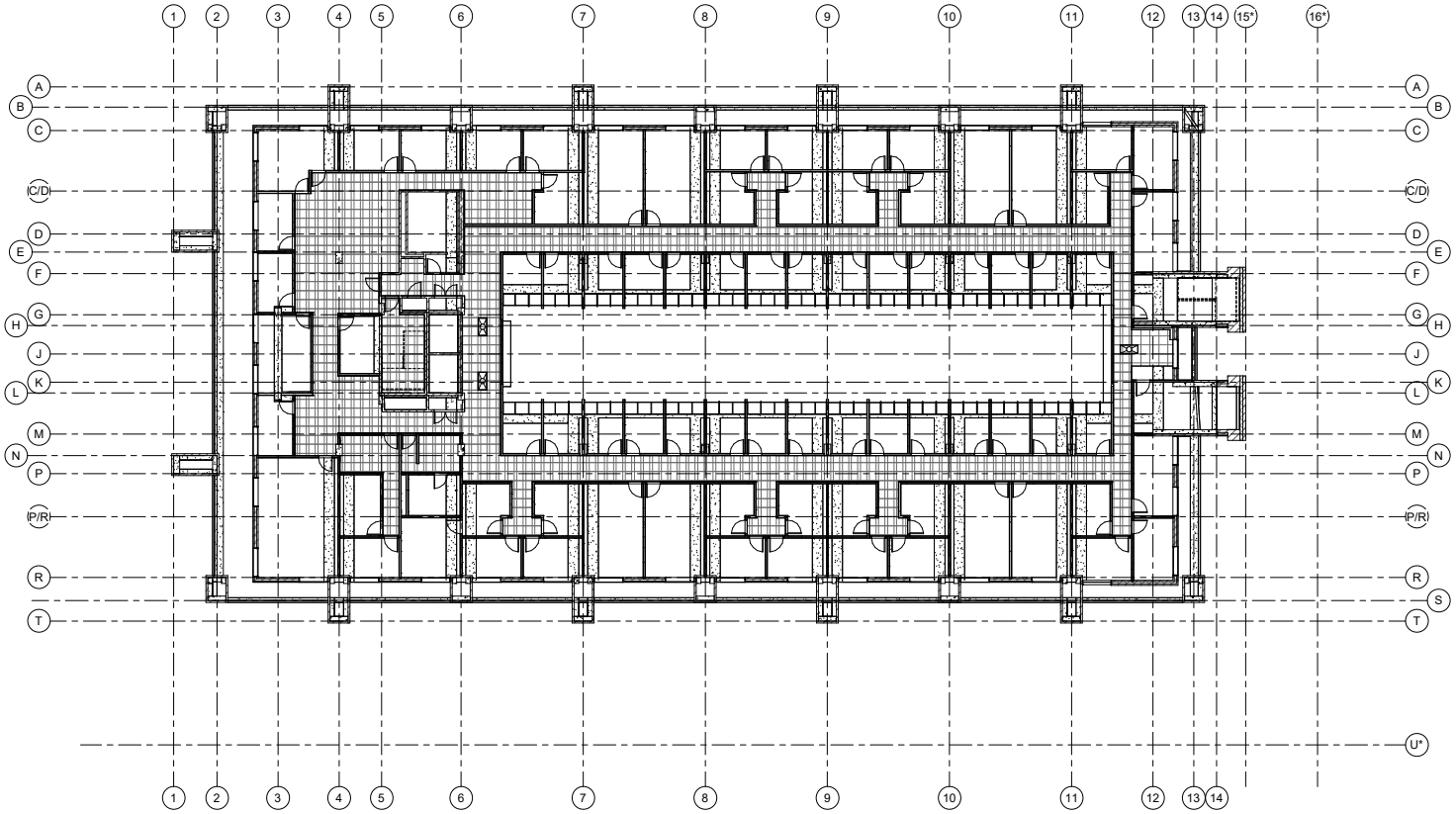
First Floor Ceiling

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F123

Scale	1" = 10'-0"

5/5/2025 9:02:27 PM



1 2 Second Floor
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

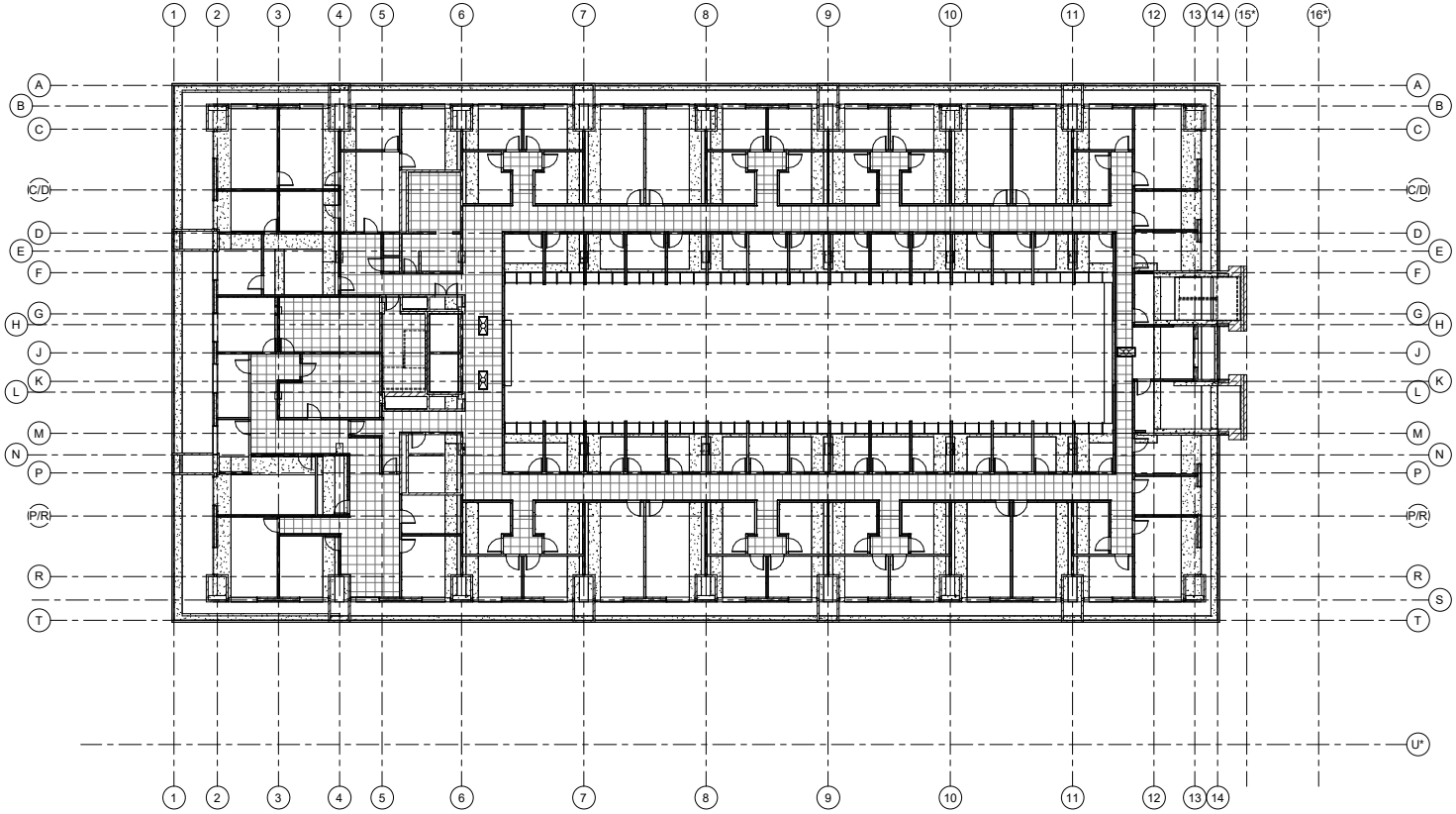
Second Floor
Ceiling

Group Number	ABD-2
Date	05/05/2025
Drawn By	Ella Maciasz
Checked By	Rafi Nagorsky

F124

Scale	1" = 10'-0"

5/5/2025 9:02:28 PM



1 3 Third Floor
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

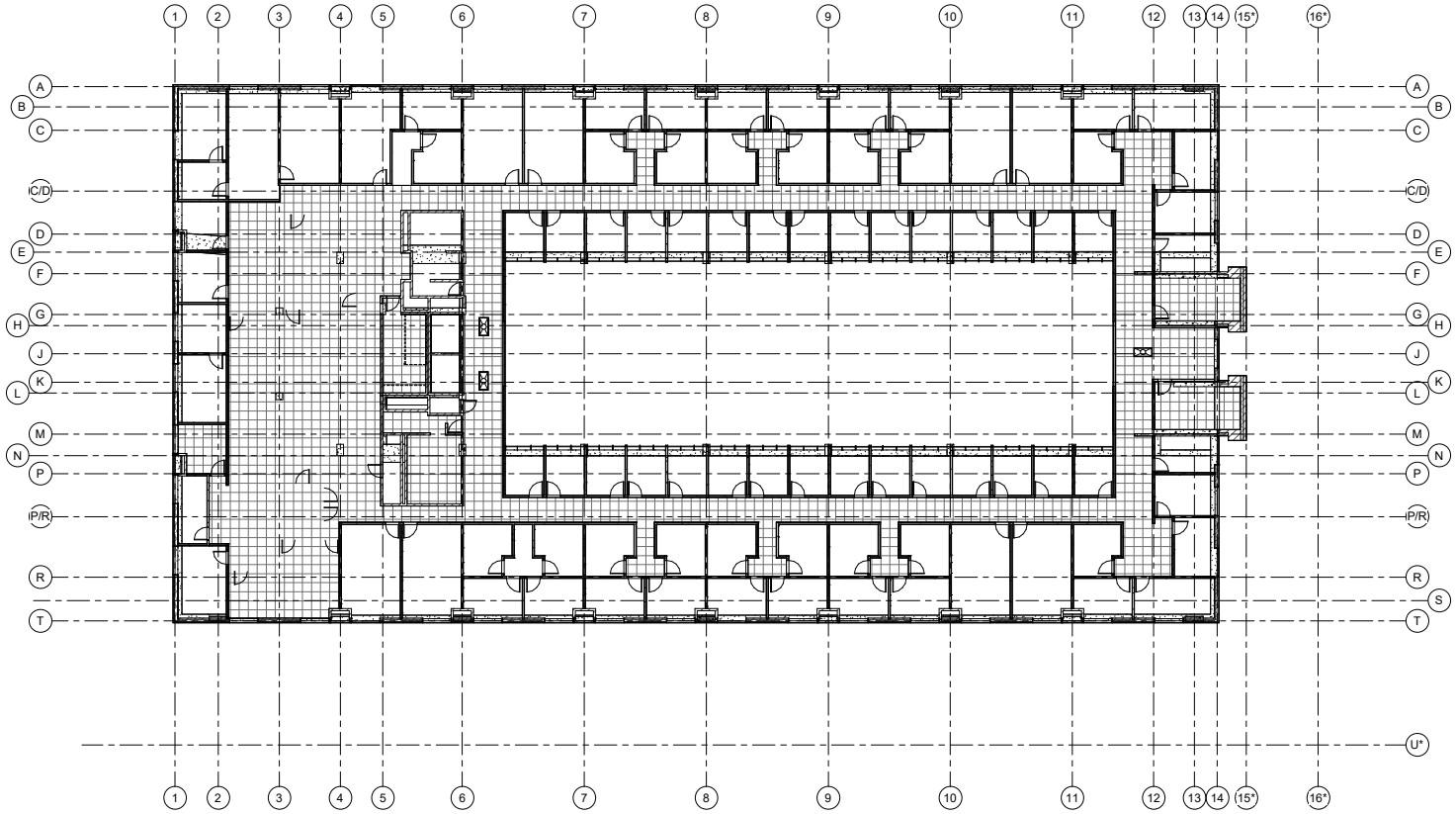
Third Floor Ceiling

Group Number	ABD-2
Date	05/05/2025
Drawn By	Ella Maciasz
Checked By	Rafi Nagorsky

F125

Scale	1" = 10'-0"

5/5/2025 9:02:29 PM



1 4 Fourth Floor
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

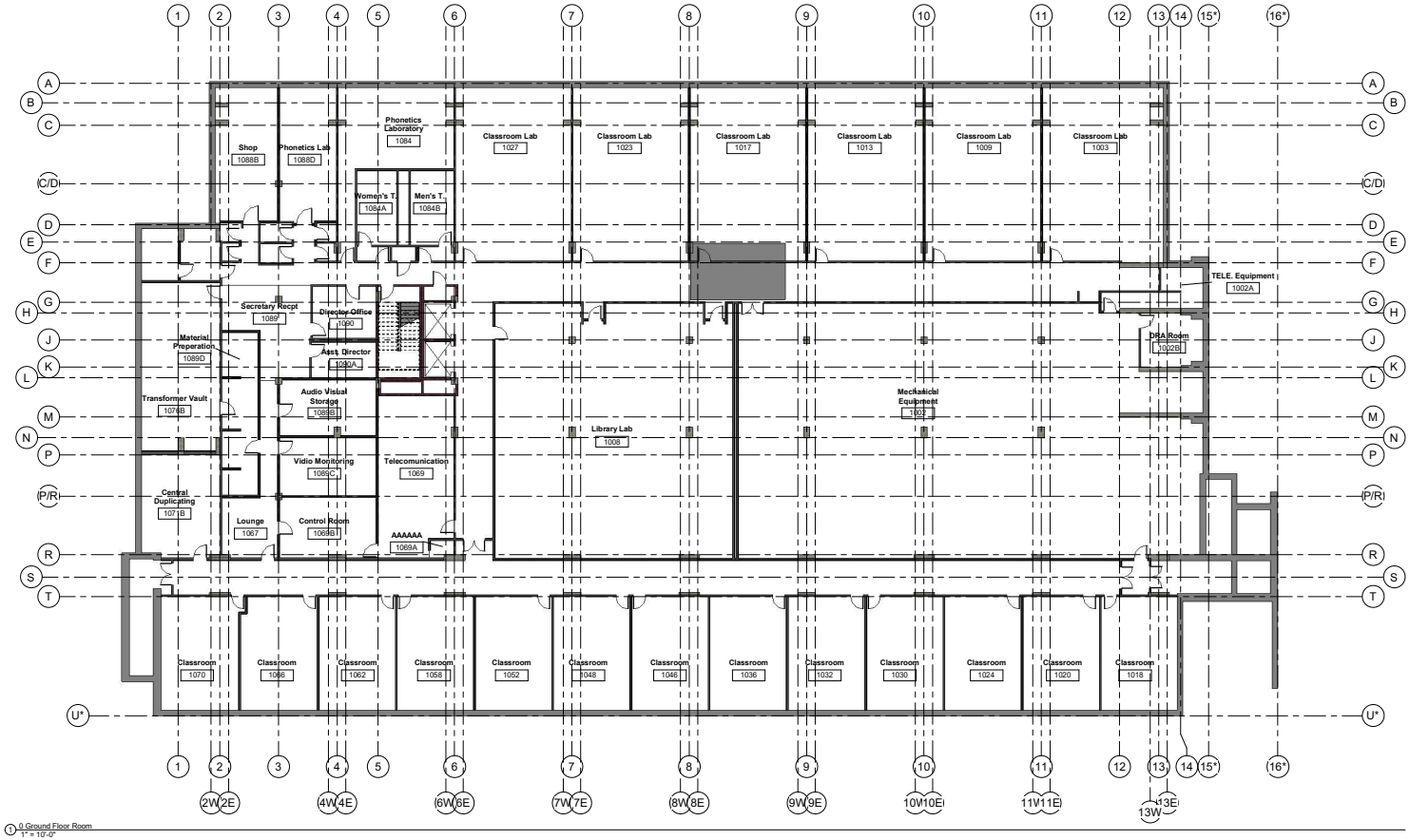
Fourth Floor Ceiling

Group Number	ABD-2
Date	05/05/2025
Drawn By	Ella Maciasz
Checked By	Rafi Nagorsky

F126

Scale 1" = 10'-0"

5/5/2025 9:02:30 PM



1 0 Ground Floor Room
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

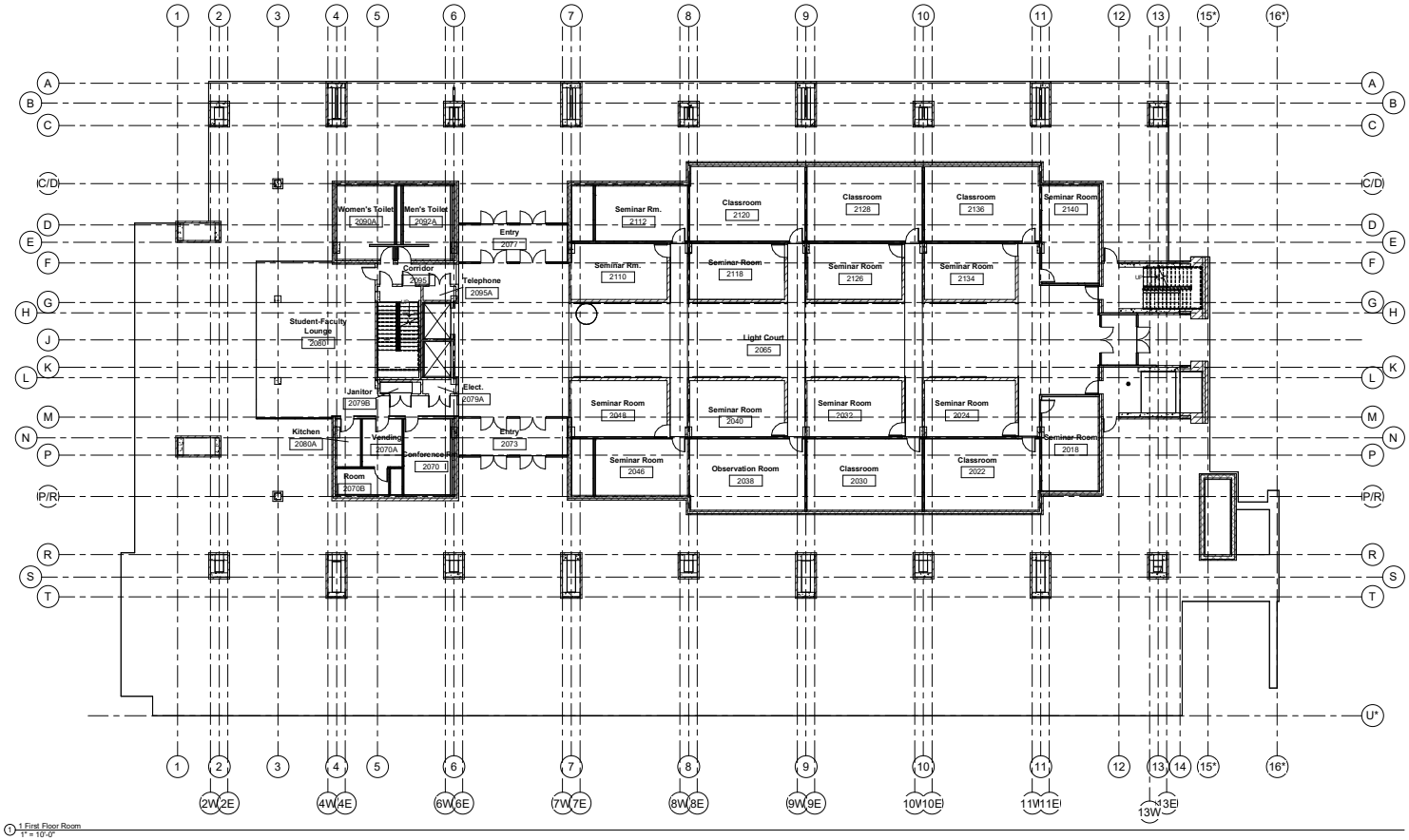
Ground Floor Room

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F127

Scale	1" = 10'-0"

5/5/2025 9:02:31 PM



1 First Floor Room
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

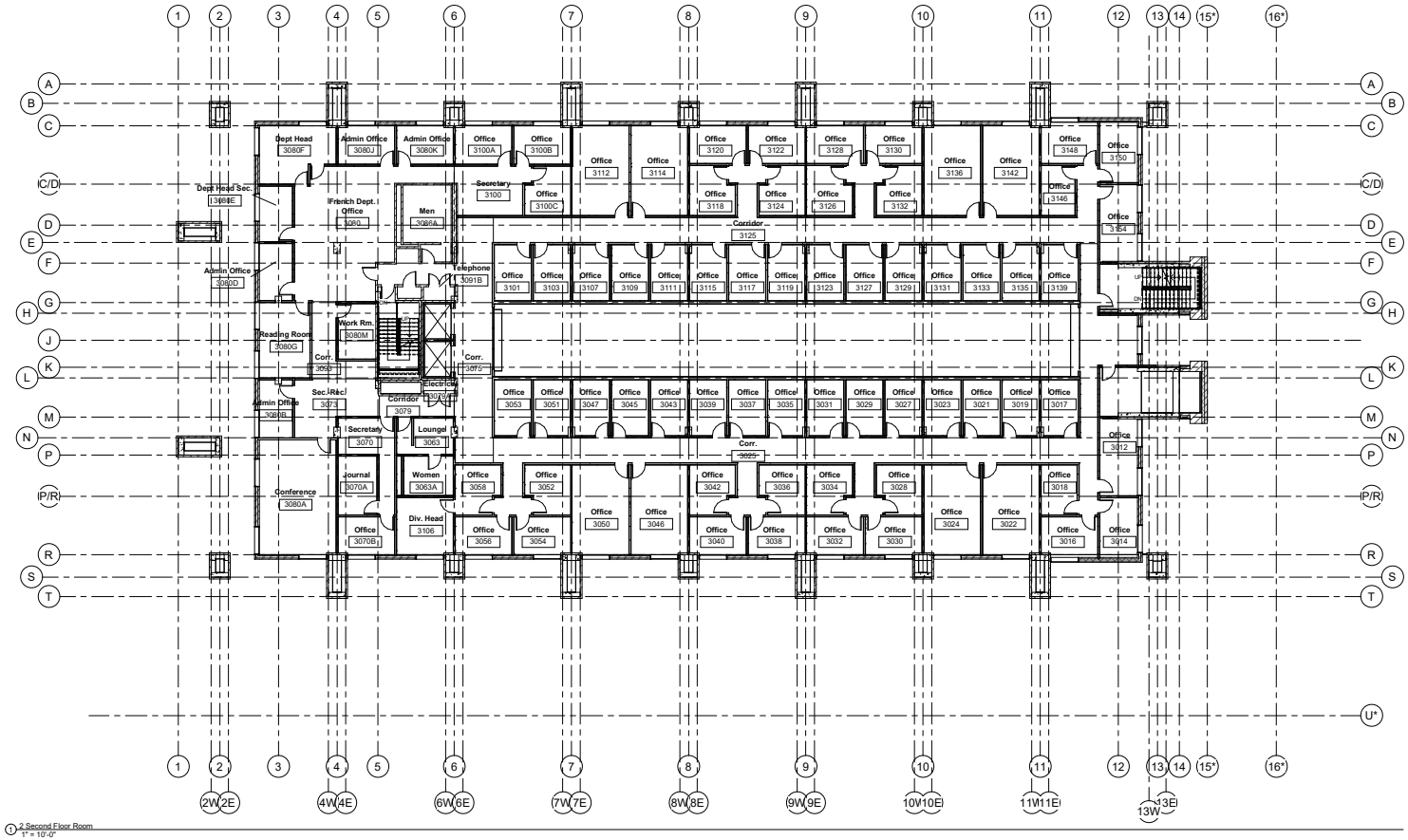
First Floor Room

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F128

Scale	1" = 10'-0"

5/5/2025 9:02:32 PM



1 2 Second Floor Room
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

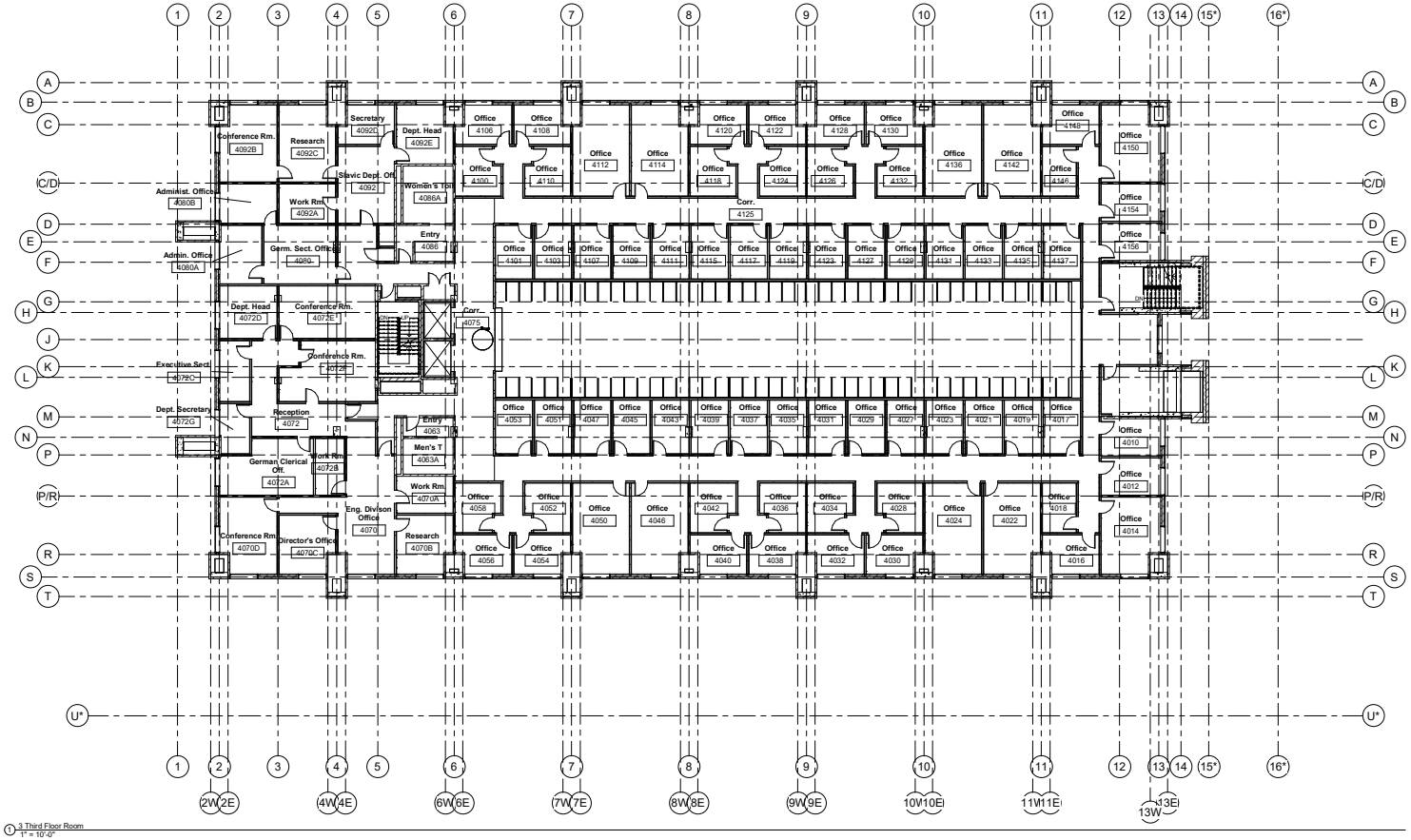
Second Floor Room

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F129

Scale	1" = 10'-0"

5/5/2025 9:02:32 PM



1 3 Third Floor Room
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

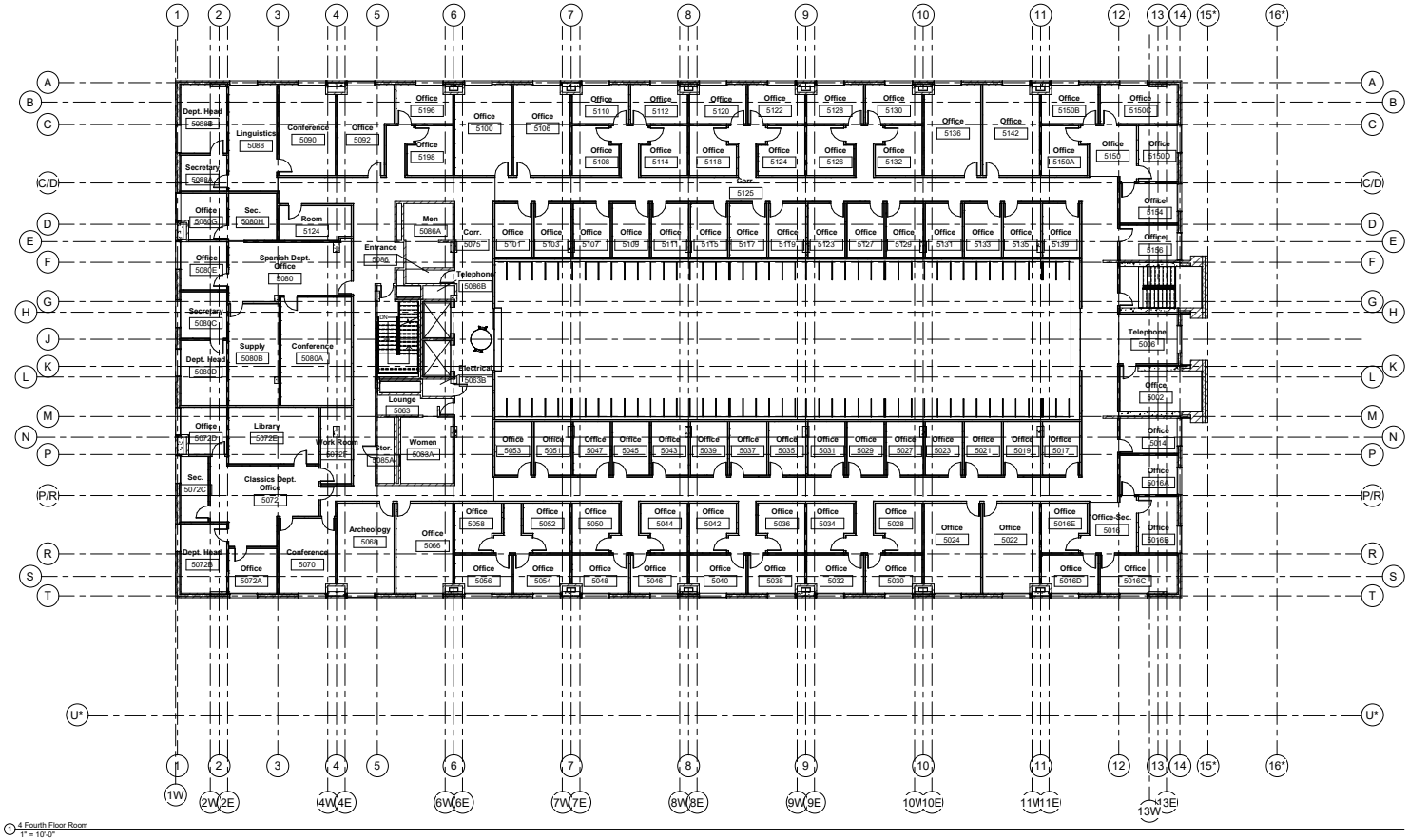
Third Floor Room

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F130

Scale 1" = 10'-0"

5/5/2025 9:02:33 PM



1 4 Fourth Floor Room
1" = 10'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

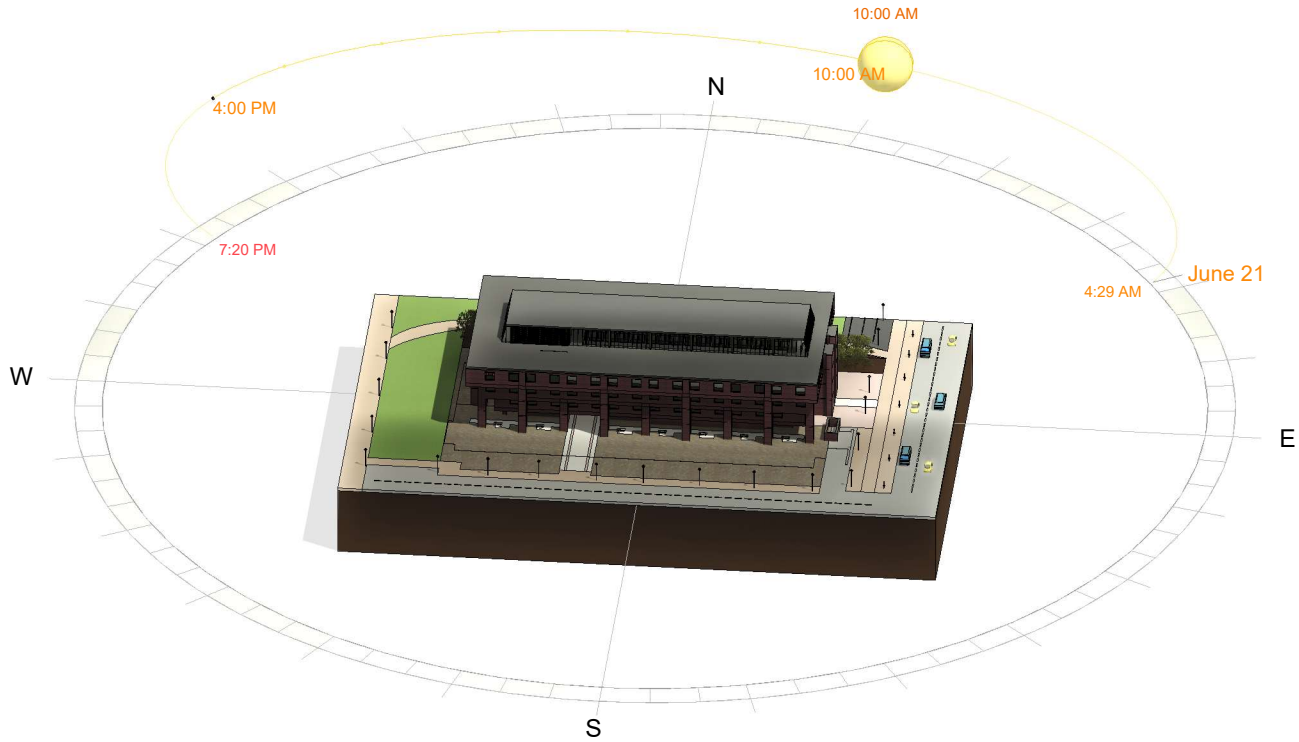
Fourth Floor Room

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F131

Scale	1" = 10'-0"

5/5/2025 9:02:34 PM



1 Solar Study

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

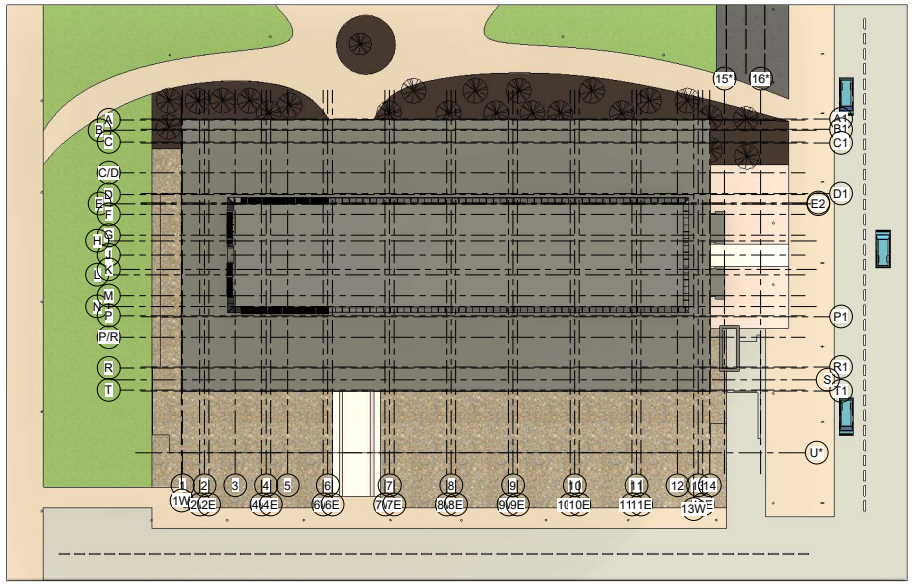
Solar Study

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F132

Scale

5/5/2025 9:29:29 PM



1 Site
1" = 20'-0"

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

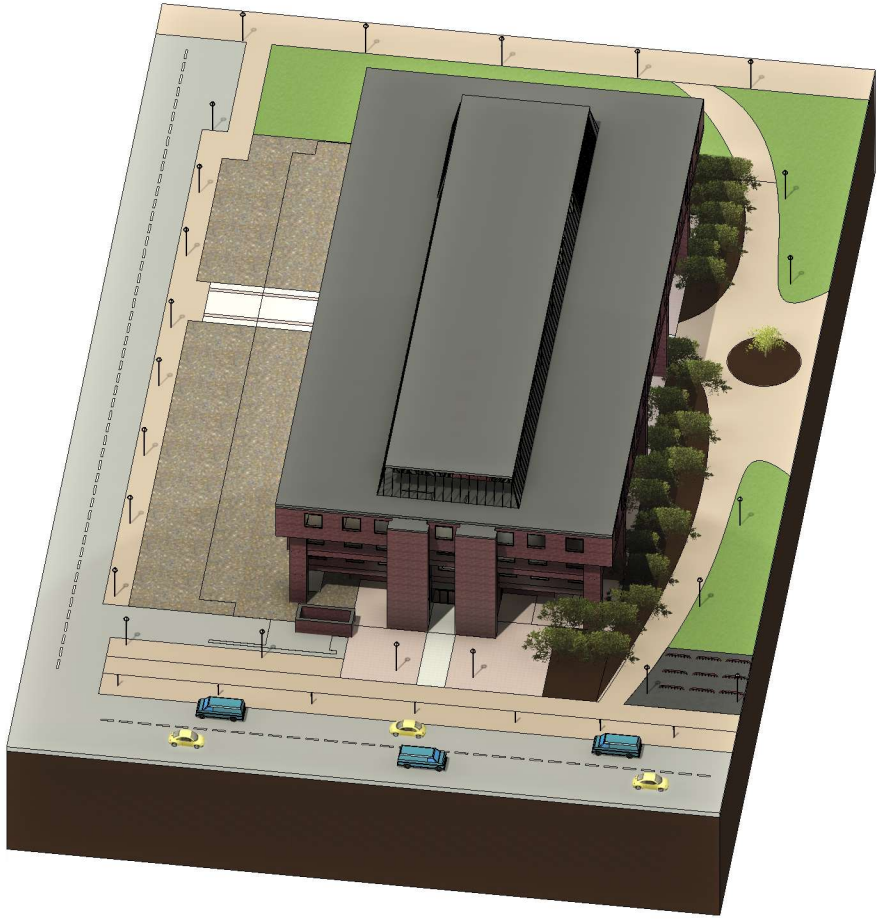
Site Plan

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F133

Scale	1" = 20'-0"

5/5/2025 9:29:40 PM



1 (3D)

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

SE 101
Design Project
ABD-2 LCLB

3D Site

Group Number	ABD-2
Date	05/05/2025
Drawn By	Rafi Nagorsky
Checked By	Ella Maciasz

F134

Scale

5/5/2025 9:29:48 PM