

MUSLIMS OF NYC MUSEUM

The definition of islamophobia is defined as a “closed-minded hatred, fear or prejudice toward Islam and Muslims that results in discrimination, marginalization and oppression”. Because of media representation, people’s ideas of Muslims are skewed and tied to extremist terrorist. Many people are uneducated in what Islam is and who are the people who practice this religion are. the FBI is reports an increase in Muslim hate crimes post 9/11. This is a problem and is only increasing. This museum will serve as a center for the community to connect to Muslims, to understand who they are, and what it means to be Muslim. If people have a better understanding of Islam, they can segregate terrorist from Muslims. This in turn will result in reduction of islamophobia and education for all people. Not only for people to be educated but it will make efforts for Muslims to feel safe to practice their religion and not be afraid of persecution for the acts of extremist.

THEME-MUSLIMS IN NYC

LARGE EXHIBITS

QUEENS

“Queens is home to large enclaves of South Asian Muslims, concentrated mainly in Astoria, Corona, Flushing, Jackson Heights, and Jamaica. Amongst number of Afghani communities are associated with small businesses and several community mosques in Astoria. Astoria is also home to a growing number of North African Muslims—mostly Moroccan and Algerian, whose numbers are relatively small compared to their South Asian neighbors and smaller still relative to their Arab cousins in Brooklyn, but a growing number of North African cafes and restaurants suggests emerging properties of ethnic enclave. A substantial Guyanese Muslim community—one of the largest Guyanese diaspora communities anywhere—is settled in Richmond Hill and has several large mosques, one of which is associated with a private school. A small but active Indonesian community is found in Long Island City and operates a dual-purpose mosque/cultural center. Yemeni-run bodegas are found further south in Ozone Park, well away from the tight business competition of the South Asian neighborhoods.”

BROOKLYN

“Brooklyn has one of the largest concentrations of Arab Muslims, predominantly around the Atlantic Avenue area of Brooklyn Heights and Boerum Hill, and further south in Bayridge, now the most populous Arab neighborhood in New York City. Bedford-Stuyvesant is home to many African-American Muslims, while large numbers of Muslims from South Asia and Turkey are found in Prospect Park, Bensonhurst, Brighton Beach, Coney Island and Parkville.”

Information quoted from New York’s diverse Muslim community Listening Tour 2011 Brochure

SMALL EXHIBITS

MANHATTAN

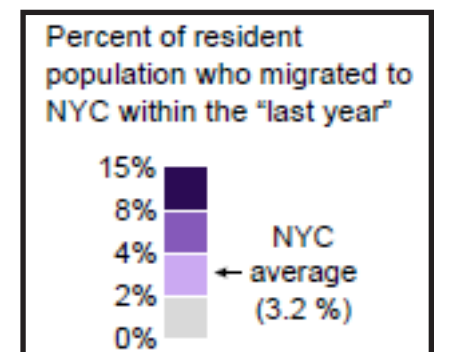
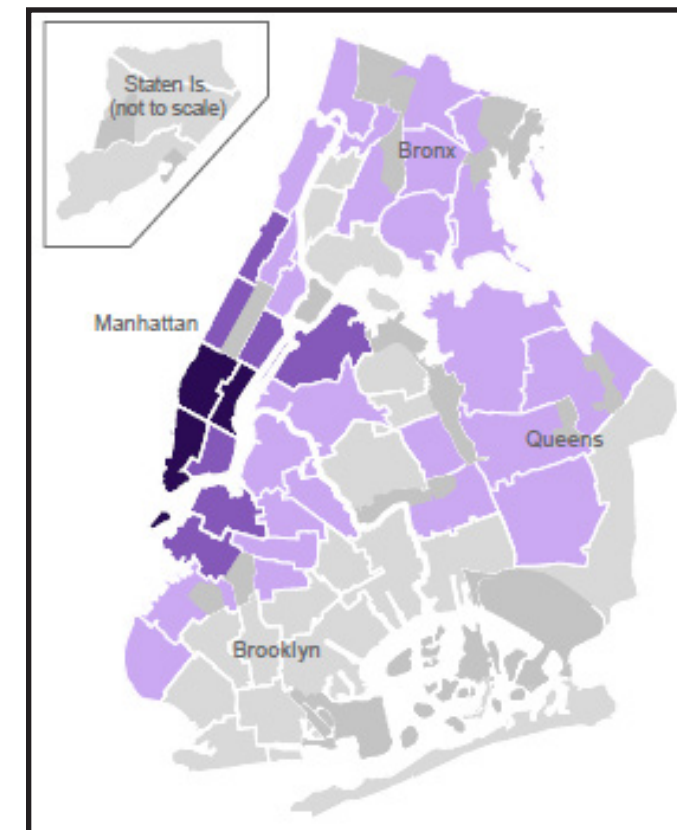
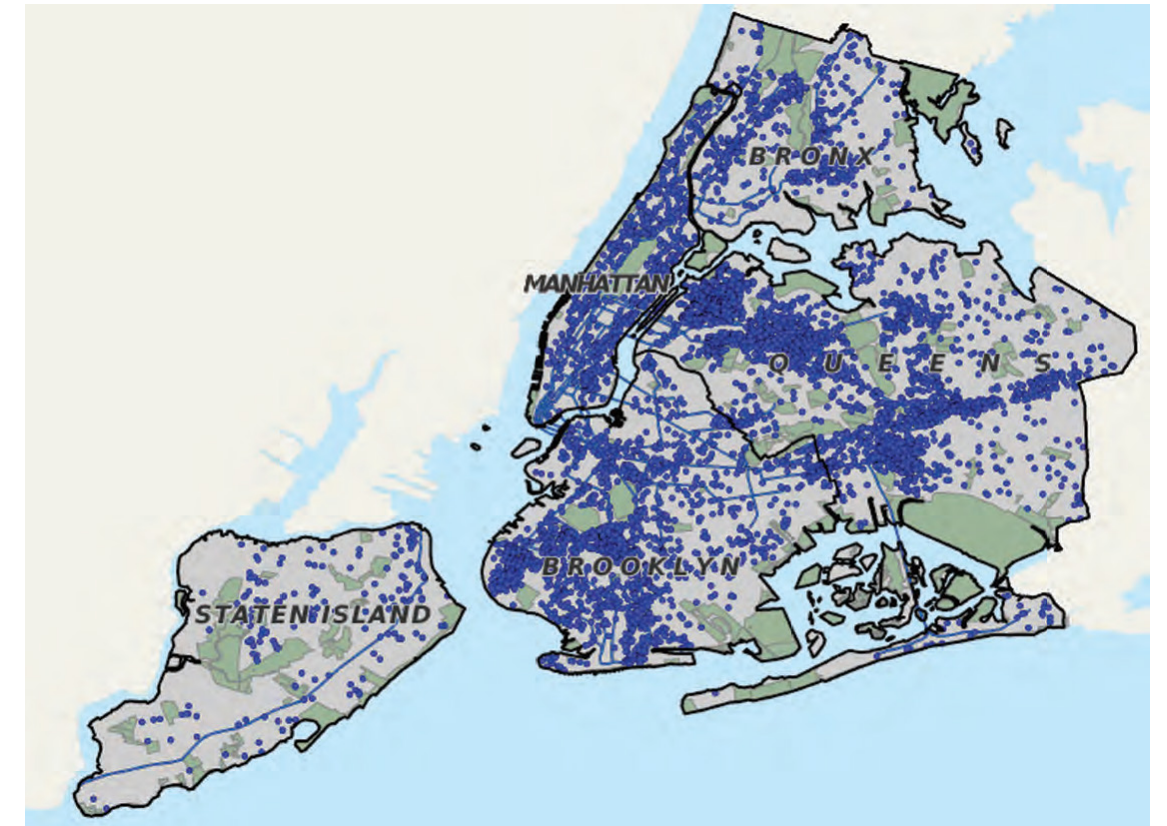
Muslims origins in New York was during its birth. Many slaves from Africa were Muslims. The first mosque was established at 1122 Broadway in 1893. Today “numerous small businesses operated by Arab Muslims are clustered in uptown neighborhoods of Harlem, Hamilton Heights, and East Harlem; these same neighborhoods also have a large residential presence of African- American Muslims, West Africans (mostly Senegalese), and a smaller number of Latino converts. Two of the city’s most prominent mosques are in Harlem: Malcolm Shabbaz on 116th and Lexington, and the Islamic Cultural Center of New York on 96th and 3rd Avenue. Commercial enterprises run by South Asians, Afghanis, Iranians, Turks, and Arabs are spread out further south in Midtown and Lower Manhattan, including Chelsea, Union Square, SoHo and the East Village.”

BRONX

“Small businesses and “bodegas” run by Yemeni immigrants are scattered along Jerome Avenue and the Grand Concourse. Neighborhoods with a strong Muslim presence include Mott Haven, Melrose, Mount Eden, Mount Hope, University Heights, Fordham, Norwood, Longwood, Clarmont Village, Westchester and Parkchester. Afghani, Albanian, South Asian, and West African Muslims (Gambia and Senegal) have established community mosques, and the South Bronx around Mott Haven is now home to Alianza Islamica, the New York association of Latino Muslims”

STATEN ISLAND

“Canvassing of Staten Island produced modest numbers of commercial sites and residential phone listings. This should not be construed as evidence of an absence of Muslims, however. There are at least eight mosques serving a mixed community of Albanians, Bosnians, Kosovars, Turks, Nigerians, and several Arab ethnic groups. The Albanian Islamic Cultural Center is one of the largest built mosques in all of New York City and it also supports an elementary school on its premises. The presence of these Islamic organizations and the modest number of small businesses suggests that Staten Island is a residential suburb for Muslims working elsewhere in New York City or in nearby New Jersey.”



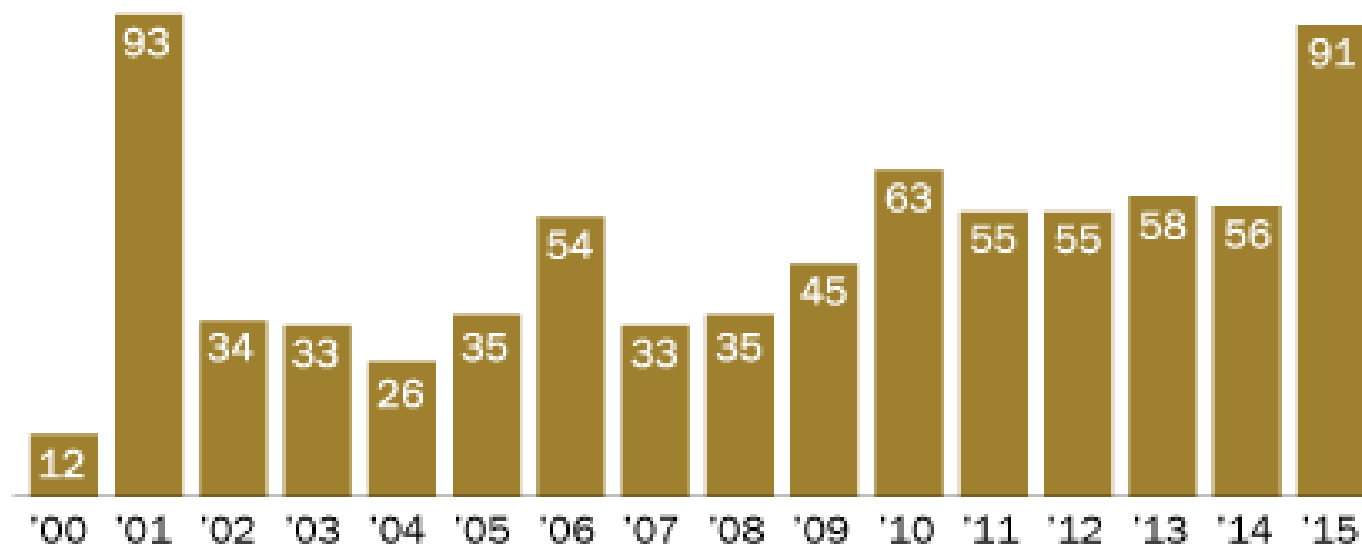
PARTI-CONNECTION

ISLAMOPHOBIA

The definition of islamophobia is defined as a “closed-minded hatred, fear or prejudice toward Islam and Muslims that results in discrimination, marginalization and oppression”. Because of media representation as seen from the pie graph, people’s ideas of Muslims are skewed and tied to extremist terrorist. Many people are uneducated in what Islam is and who are the people who practice this religion are. As we can see from the bar graph, the FBI is reporting an increase in Muslim hate crimes as much as post 9/11. This is a problem and is only increasing. This museum will serve as a center for the community to connect to Muslims, to understand who they are, and what it means to be Muslim. If people have a better understanding of Islam, they can segregate terrorist from Muslims. This in turn will result in reduction of islamophobia and education for all people. Not only for people to be educated but it will make efforts for Muslims to feel safe to practice their religion and not be afraid of persecution for the acts of extremist.

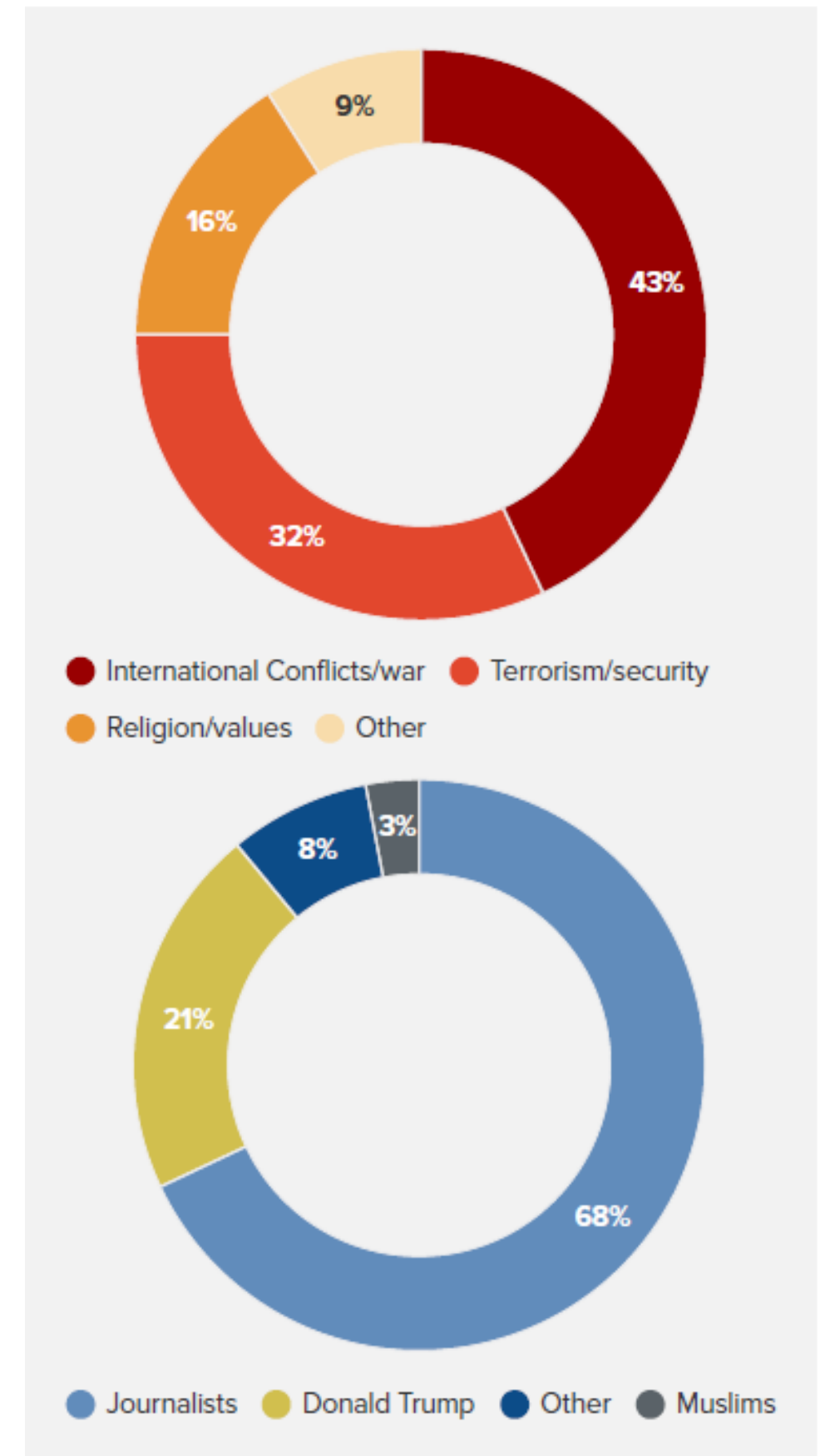
Anti-Muslim assaults at highest level since 2001

Anti-Muslim assaults reported to the FBI



Note: Includes simple and aggravated assaults.
Source: Federal Bureau of Investigation

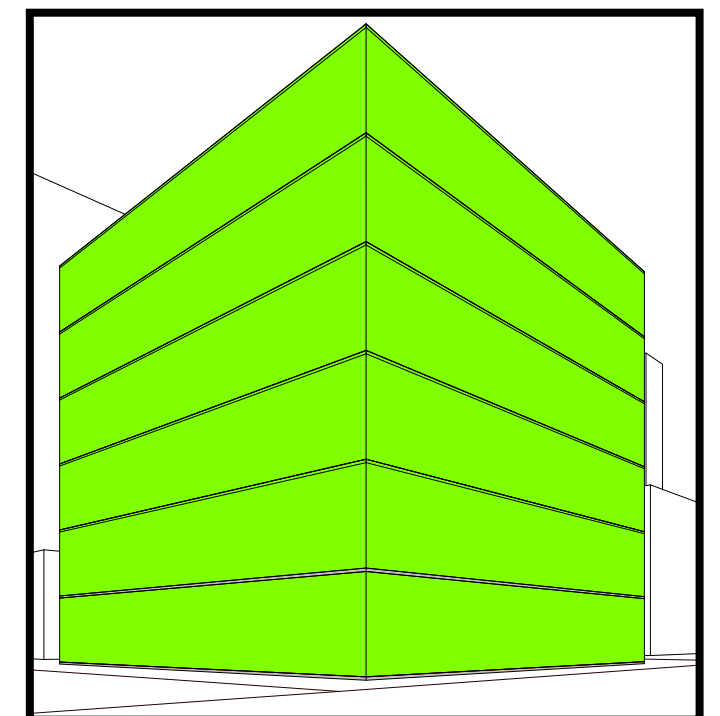
Figure 1. Topics of Muslim news coverage 2015–17 (top) and voices heard when Muslims were in the news 2015–17 (bottom)¹⁷



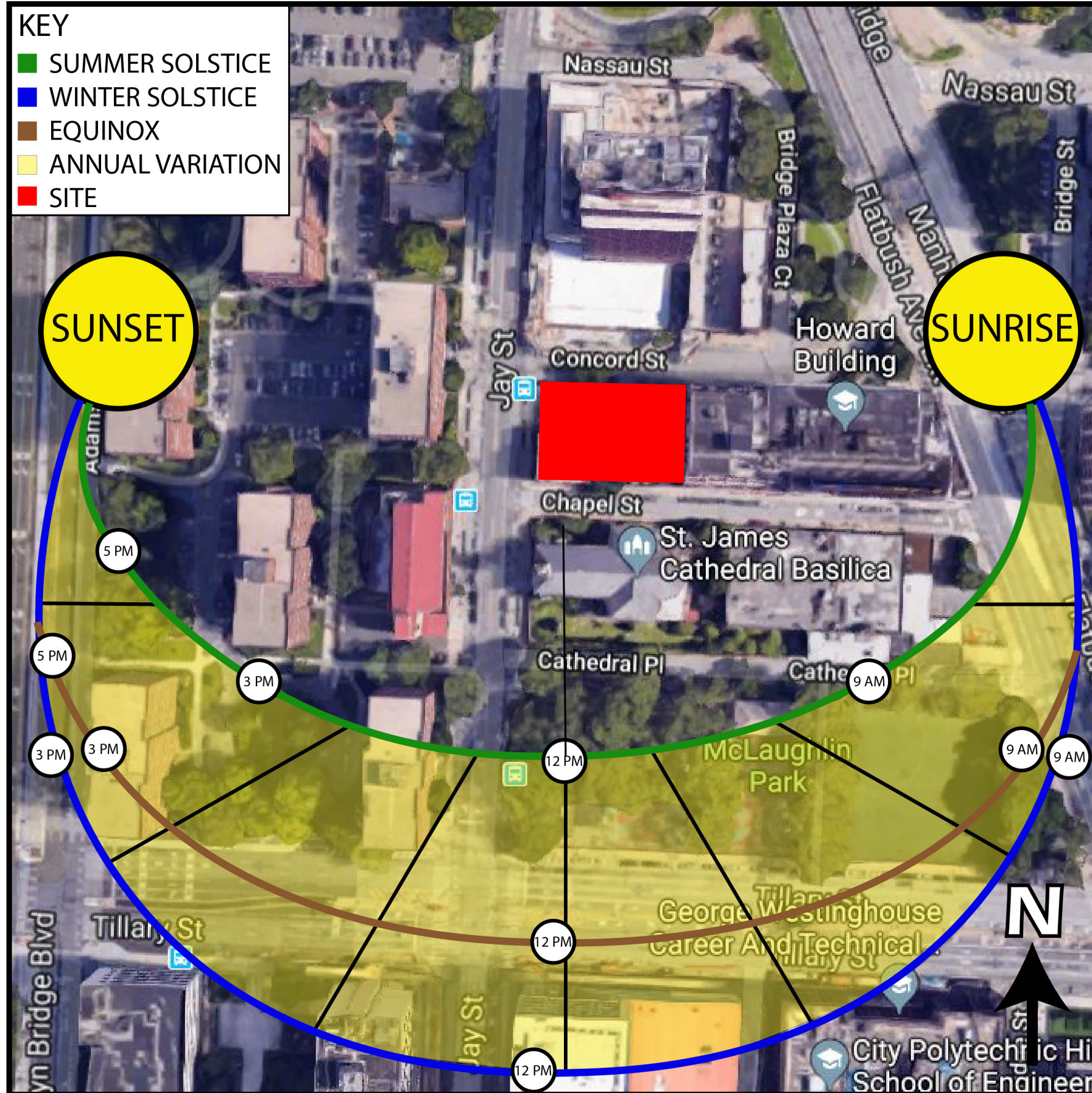
ZONING ANALYSIS



From this Diagram we can extract very useful information about the constraints to the site. The site is in a C6-2 zone. Major advantages of C6-2 is that the site is not required to have a sky exposure plane. Additionally, The FAR is 6.0, since our projects footprint is 10,000 sqft we can build 60,000 sqft of floor area. Illustrated in the diagram below, you can get a sense of the mass if entire footprint is utilized. Furthermore, the front of the property has subway lines running below so it is important to avoid building a basement in that area.

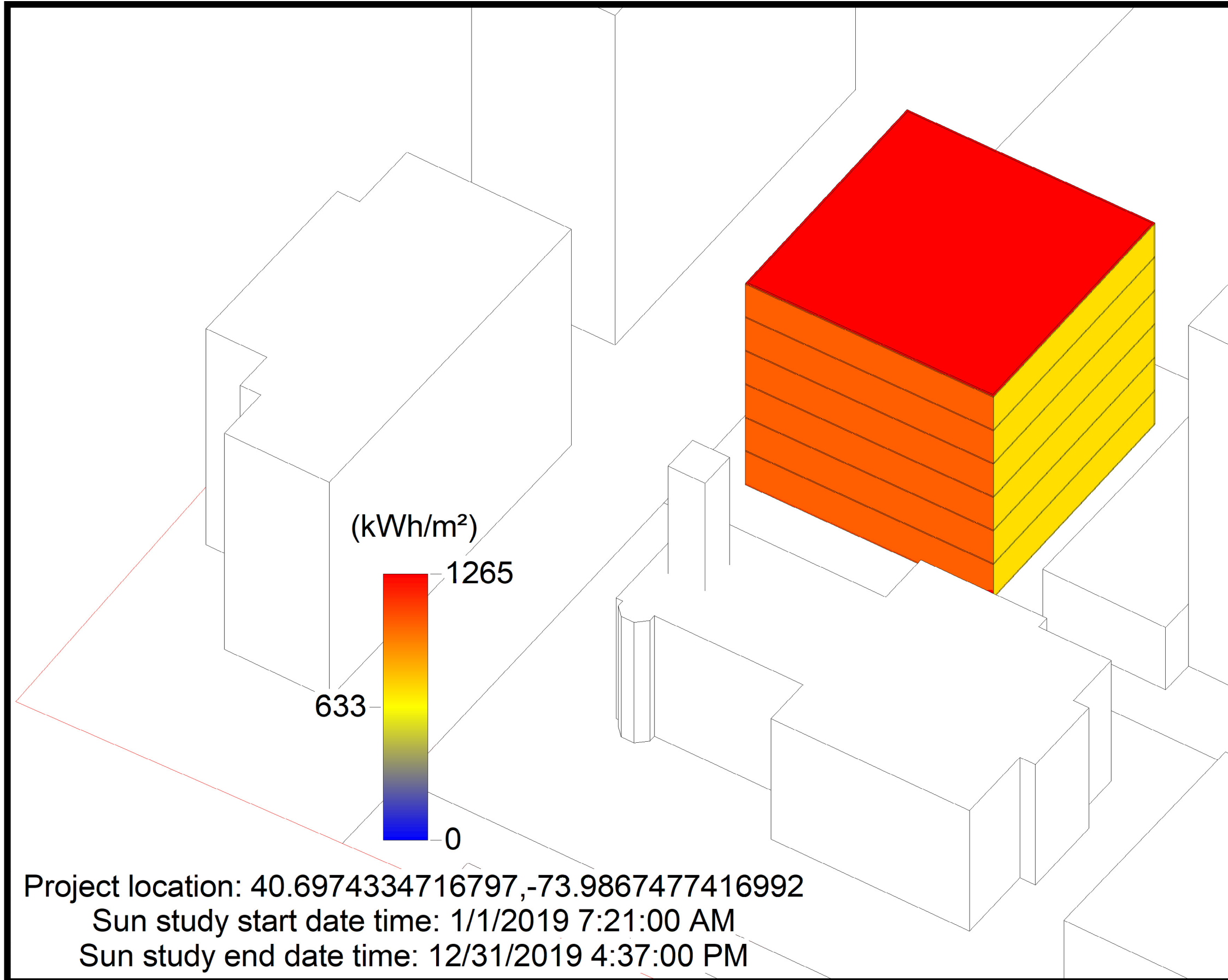


SUN PATH ANALYSIS



The sun path diagram shows the overall path of the sun's movement through the year. The sun rises from east and sets to the west. Additionally, what we can extract from this diagram is the general location of the sun at a point in time

SOLAR HEAT GAIN ANALYSIS

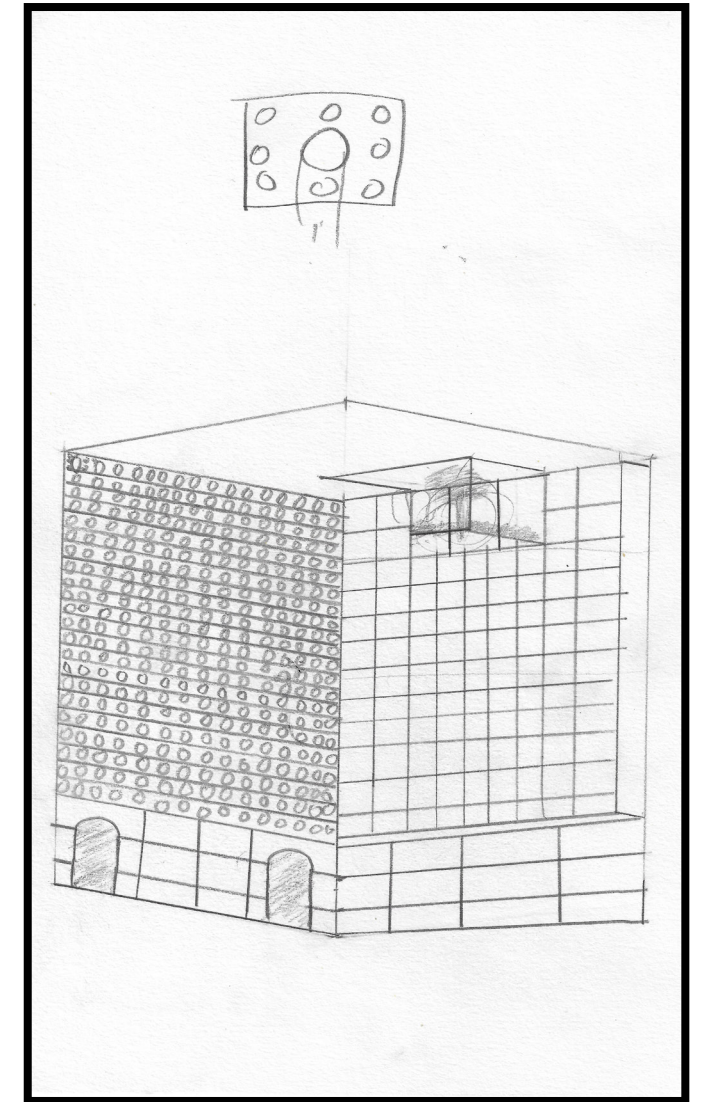
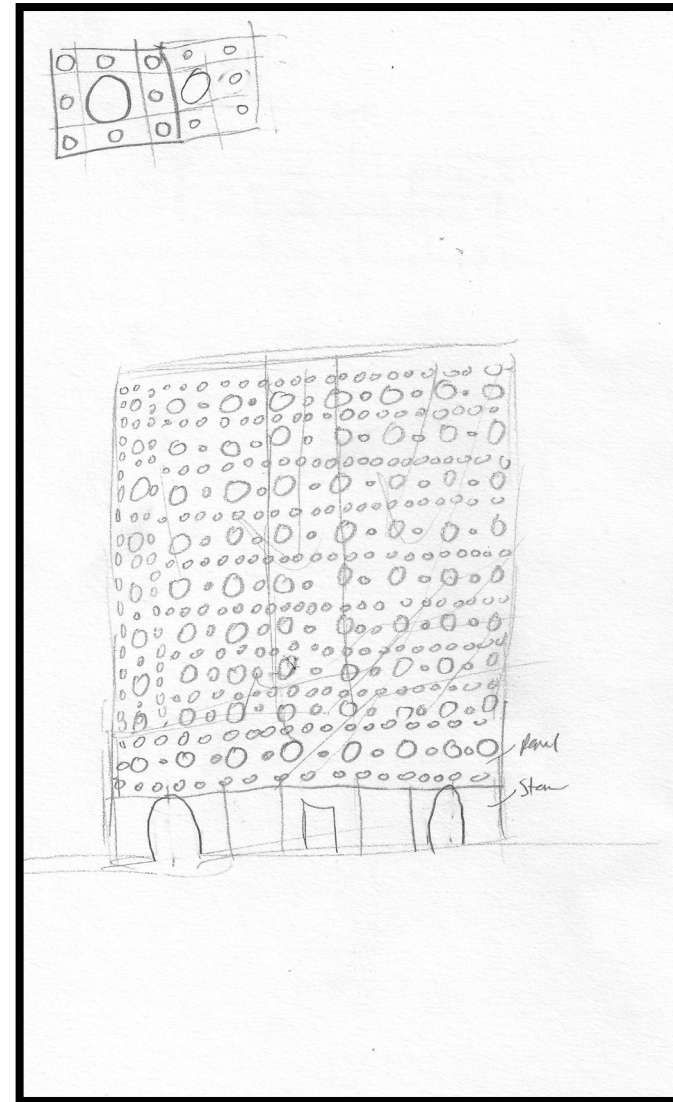
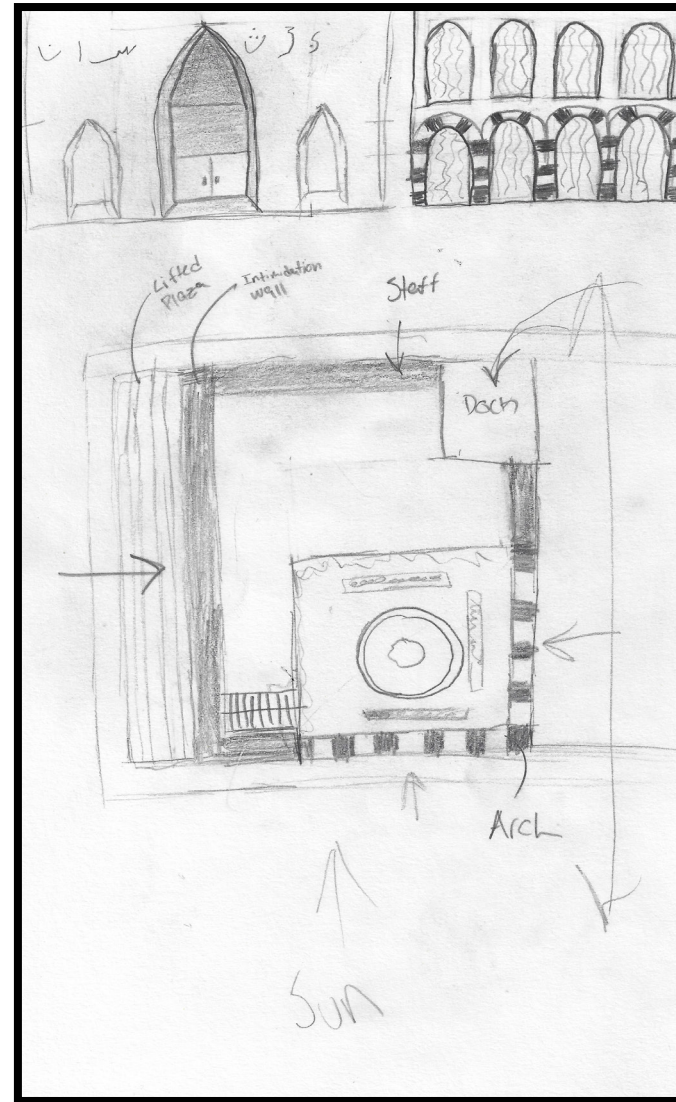
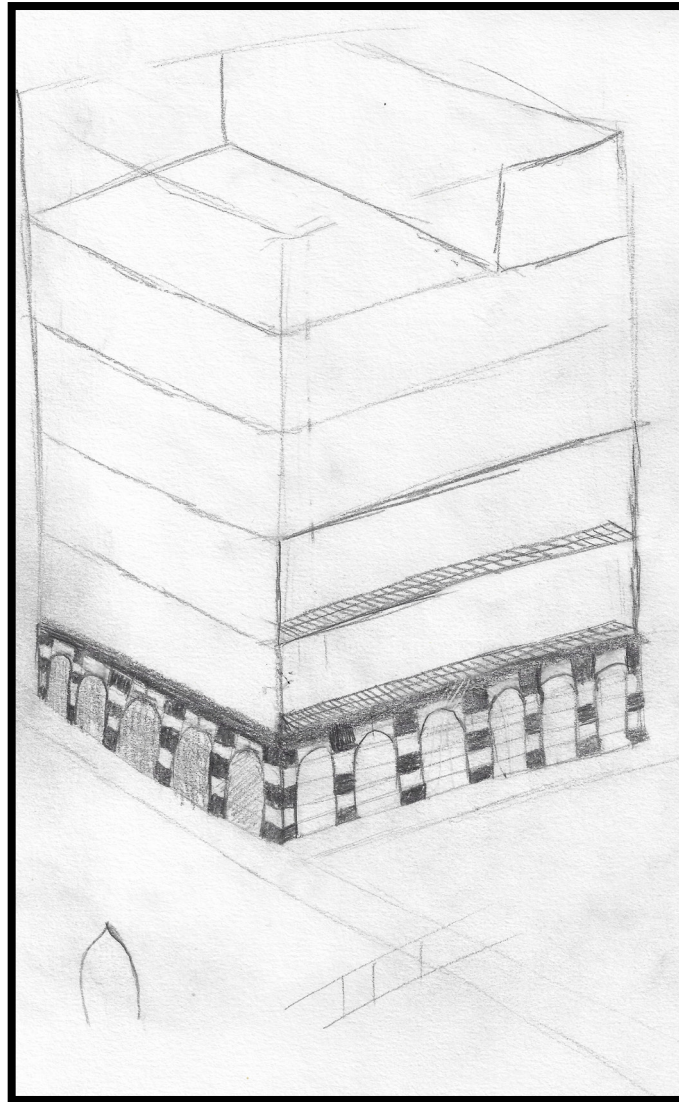


Museums require heavy heating and cooling loads to keep installations at specific temperatures to preserve them. In this diagram we can compare which areas acquire the most solar heat. Based on the diagram the Roof and the south elevations have the most solar heat gain. Based upon the data we can use eco technologies to reduce building running costs

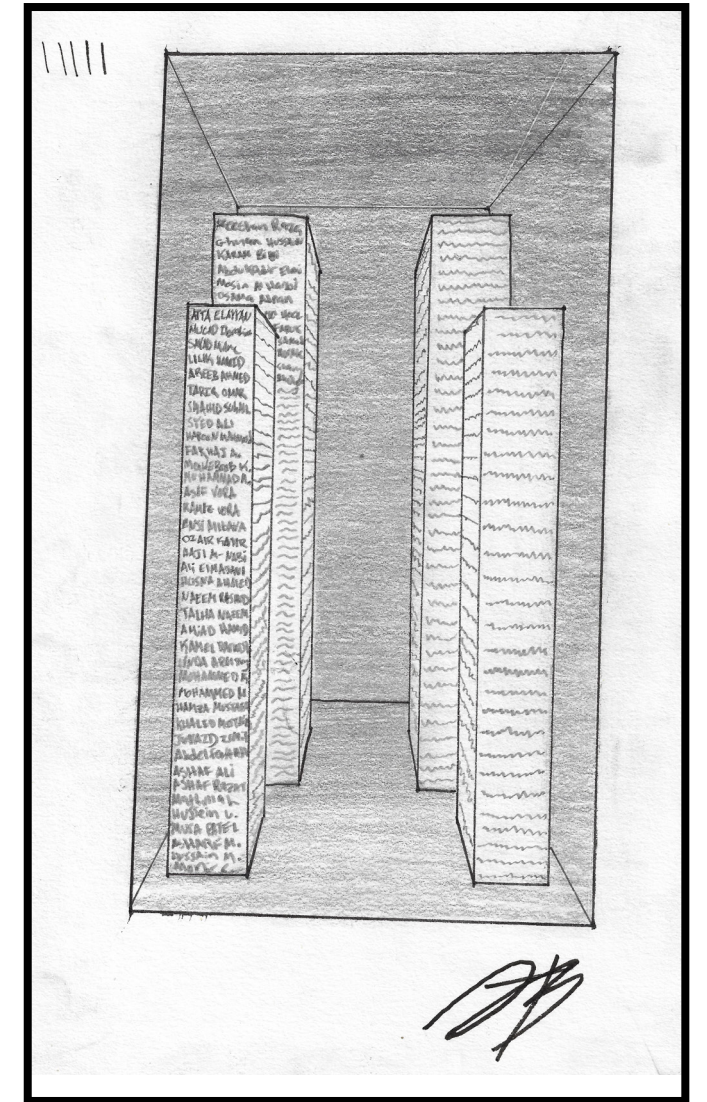
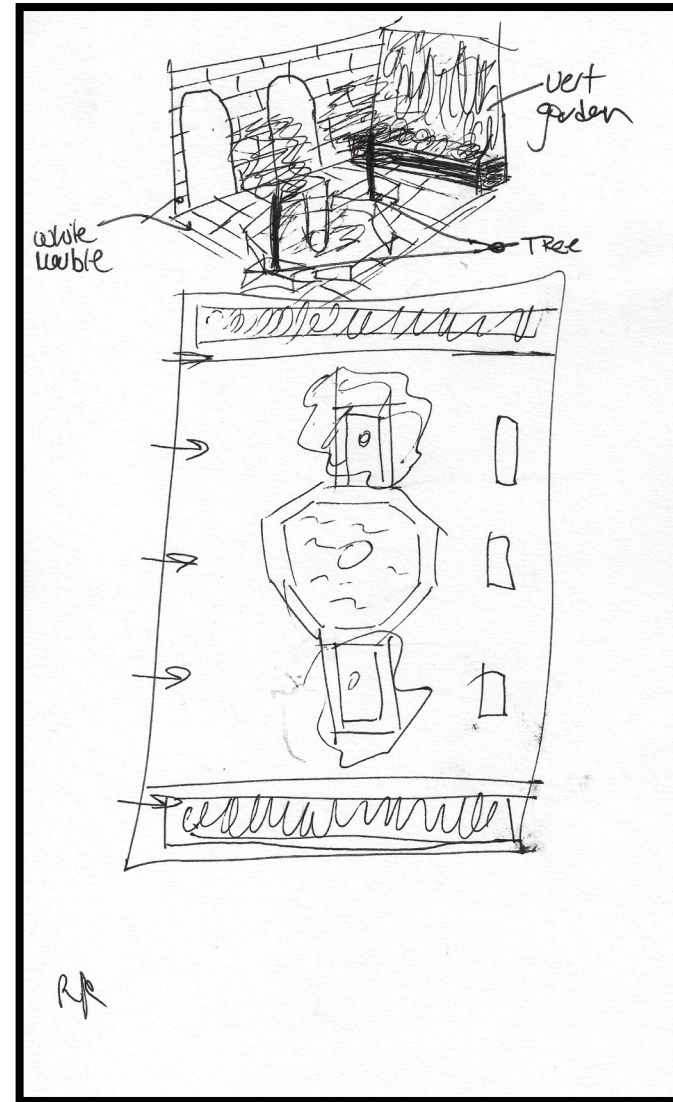
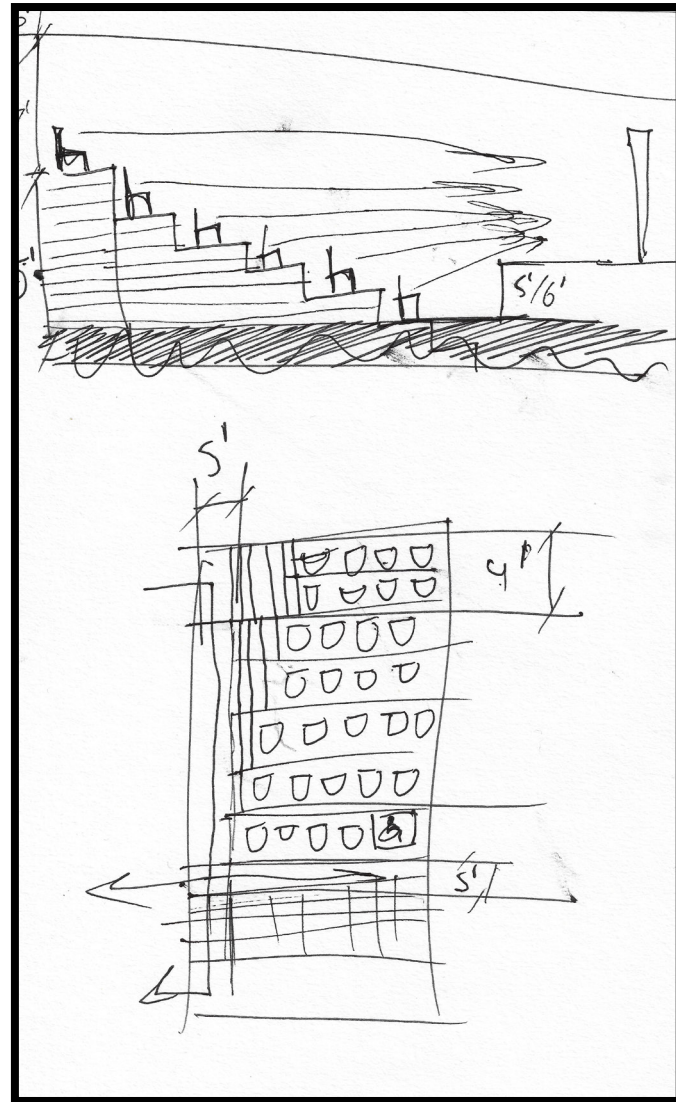
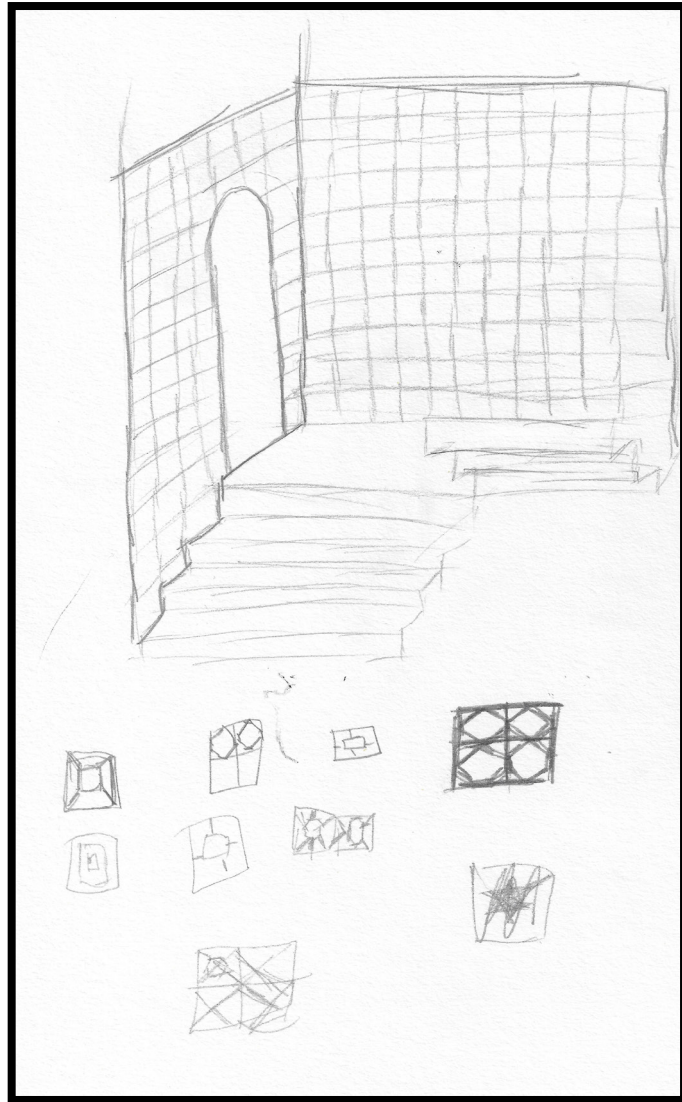
PROGRAM ANALYSIS

PROGRAM	SQFT	OCCUPANCY A-3			
BUILDING REQUIRMENTS		OCCUPANCY GROUP F-3			
		PROGRAM PER FLOOR			
LOBBY	1500	FLOOR AREA	9212		
COAT ROOM	800	UNUSABLE AREA %	25%		
MUSEAM SHOP	1200	UNUSABLE AREA	2303		
RESTURANTE	2500	PROGRAM /FLOOR	6909		
AUDITORIUM	2500				
		OCCUPANT LOAD REQUIRMENTS			
EXHIBITS		OCCUPANCY	NET PEOPLE/AREA	PROJECT AREA	OCCUPANTS
SMALL 1	1500	EXHIBTS	10	15000	1500
SMALL 2	1500	OFFICE	100	2800	28
SMALL 3	1500	STORAGE	200	1500	8
LARGE 1	2500	AUDITORIUM	20	2500	125
LARGE 2	2500	RESTURANTE	12	2500	208
MAIN	3500	SHOP	25	1200	48
OUTDOOR	2000	COAT	200	800	4
		LOBBY	10	1500	150
		DOCK	400	1200	3
SUPPORT					
WORKSHOP	1500	4300			
STAFF 250 1	250	TOTAL OCCUPANTS			2074
STAFF 250 2	250				
STAFF 250 1	250	BATHROOMS			
STAFF 200 2	200	LAVATORIES	10		
STAFF 200 3	200	FOUNTAINS	4		
STAFF 200 4	200	MALE OCCUPANTS	1037		
STAFF 200 5	200	MALE WC FACTOR	125		
STAFF 200 6	200	MALE WC	8		
CONFERENCE	650	MALE PER LAV	1.6		
SEQURITY	400	FEMALE OCCUPANTS	1037		
DOCK	1200	FEMALE WC FACTOR	65		
MECH	800	FEAMLE W.C.	16		
		FEMALE PER LAV	3.2		
TOTAL	29800				
TOTAL PUBLIC	23500	SQFT BATH PER FLOOR	400		
TOTAL STAFF	4300				
TOTAL PEOPLE	27800				

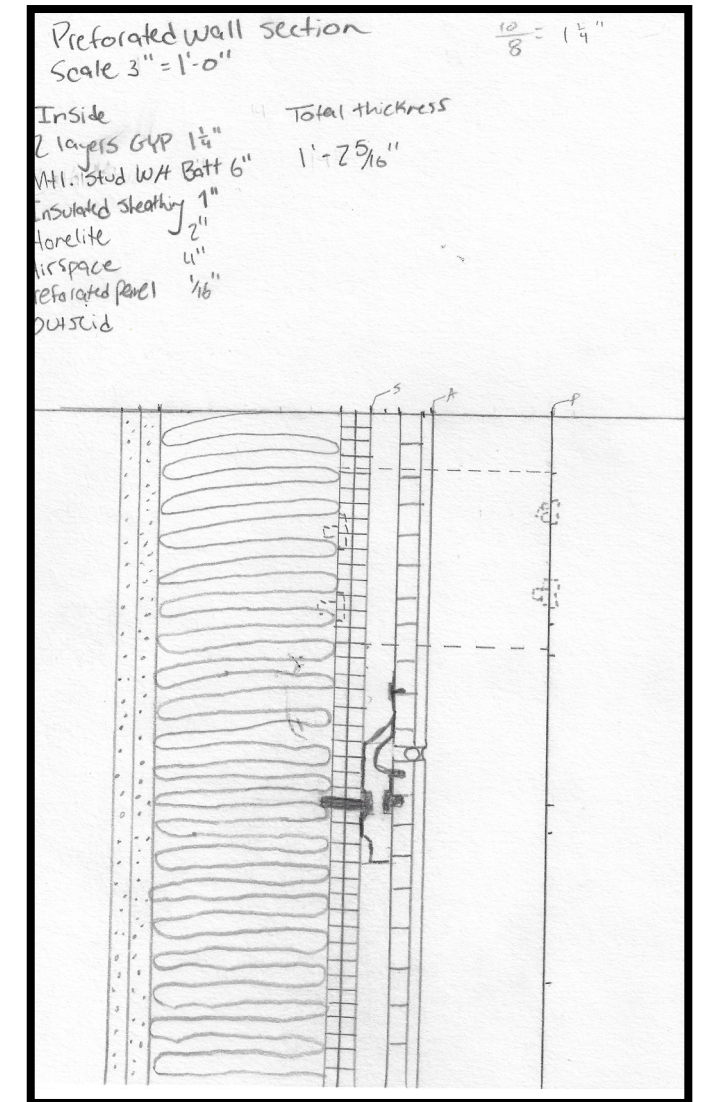
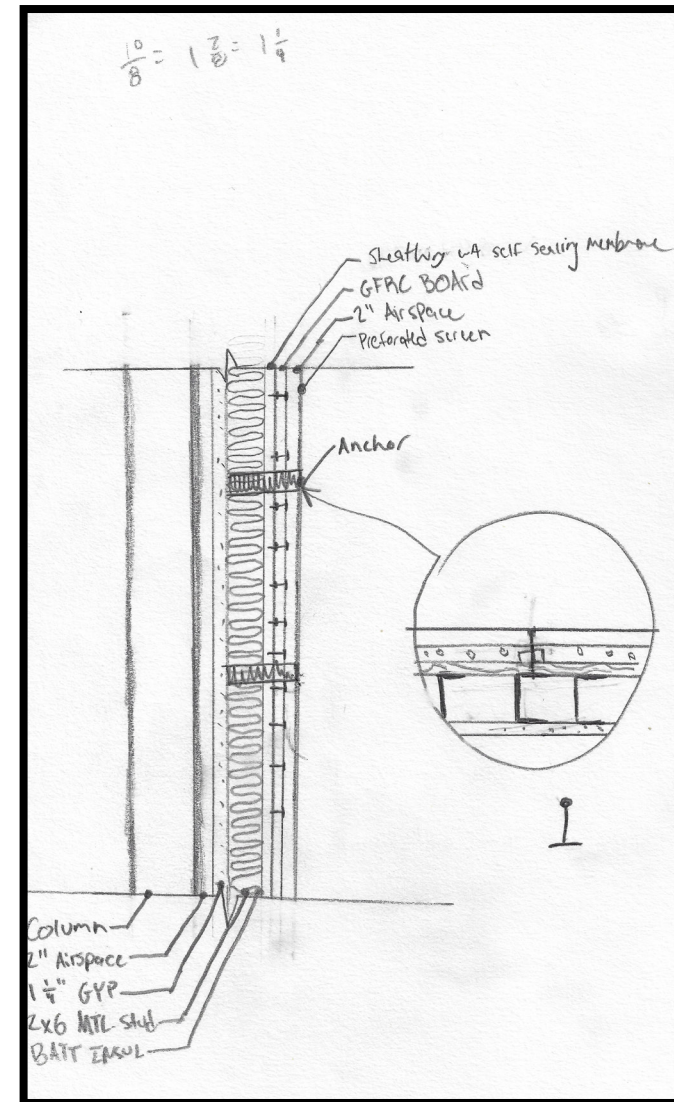
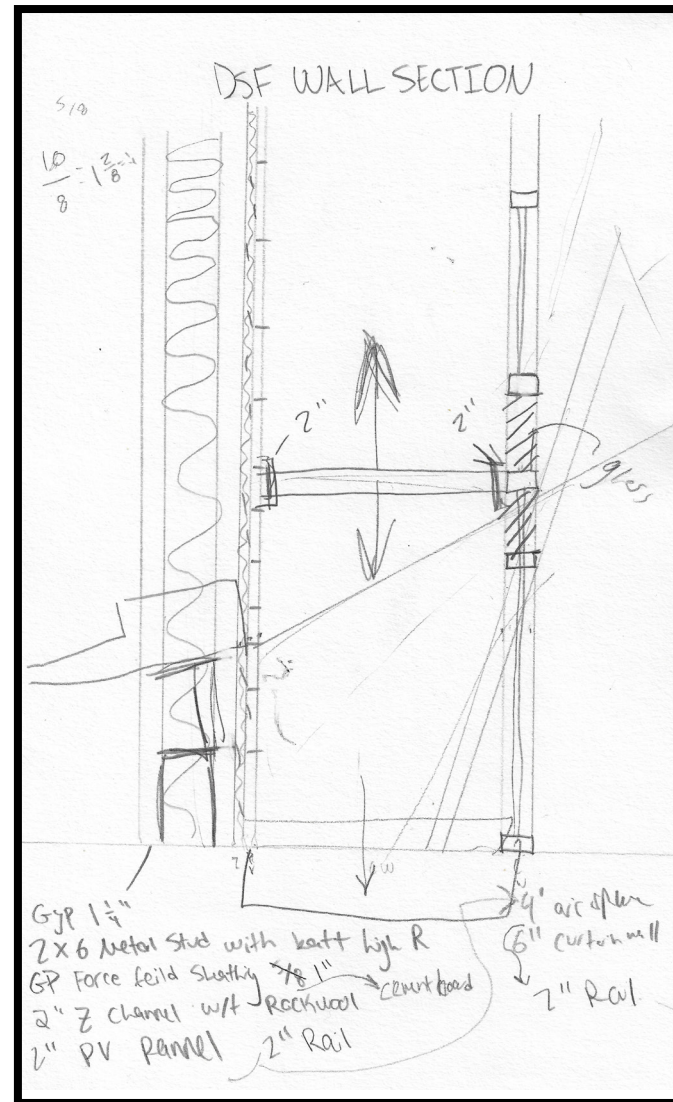
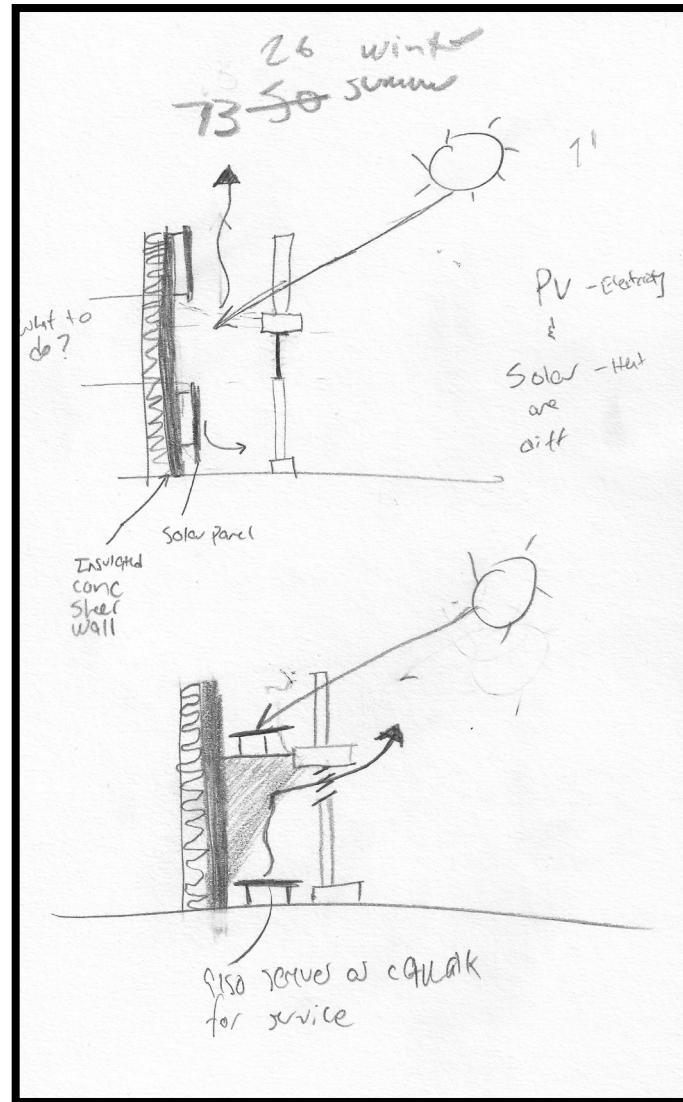
PRELIMINARY DESIGN-MASSING



PRELIMINARY DESIGN-SPACES



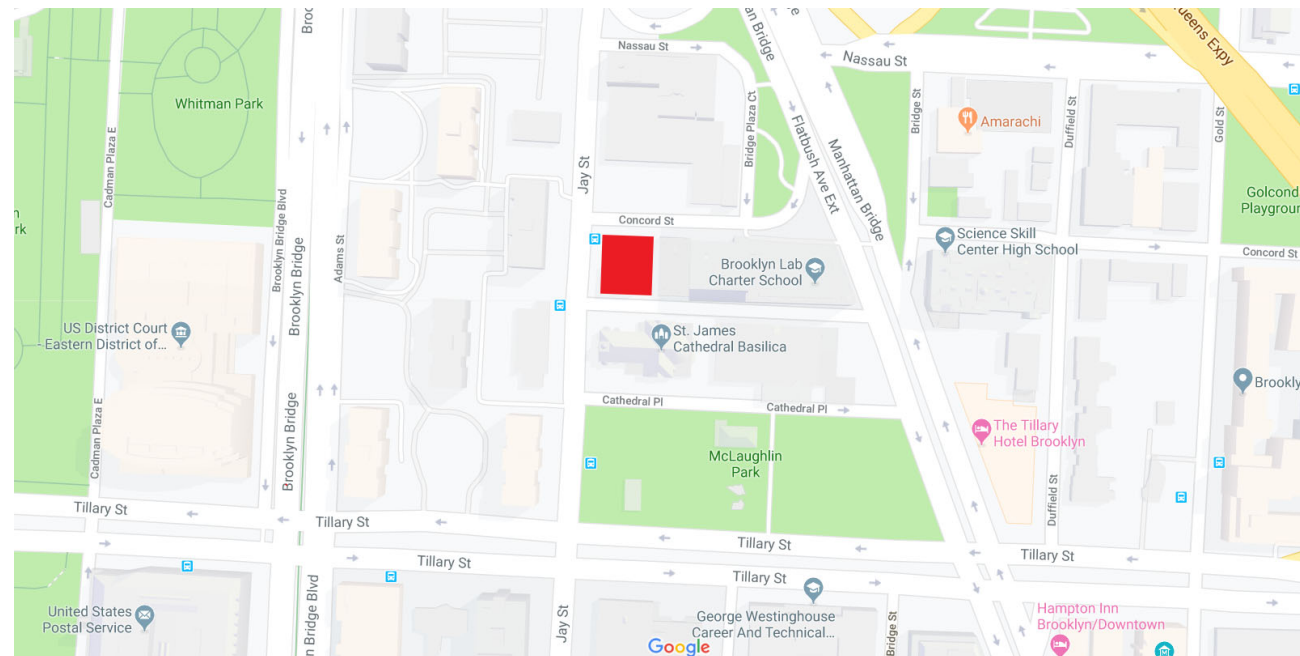
PRELIMINARY DESIGN-FACADE



Sheet List

Sheet Number	Sheet Name
G-100	COVER SHEET
G-101	SITE PLAN
S-100	STRUCTURAL PLAN
A-100	CELLAR & 1ST FLOOR PLANS
A-101	2ND & 3RD FLOOR PLANS
A-102	4TH & 5TH FLOOR PLANS
A-103	6TH & ROOF FLOOR PLANS
A-200	NORTH & EAST ELEVATIONS
A-201	SOUTH ELEVATIONS
A-203	WEST ELEVATION
A-300	SECTIONS
A-500	EXTERIOR WALL DETAIL

MUSLIMS OF NYC MUSEUM



PROJECT ADDRESS
223 JAY STREET BROOKLYN, NY 11201



MUSLIMS OF NYC MUSEUM

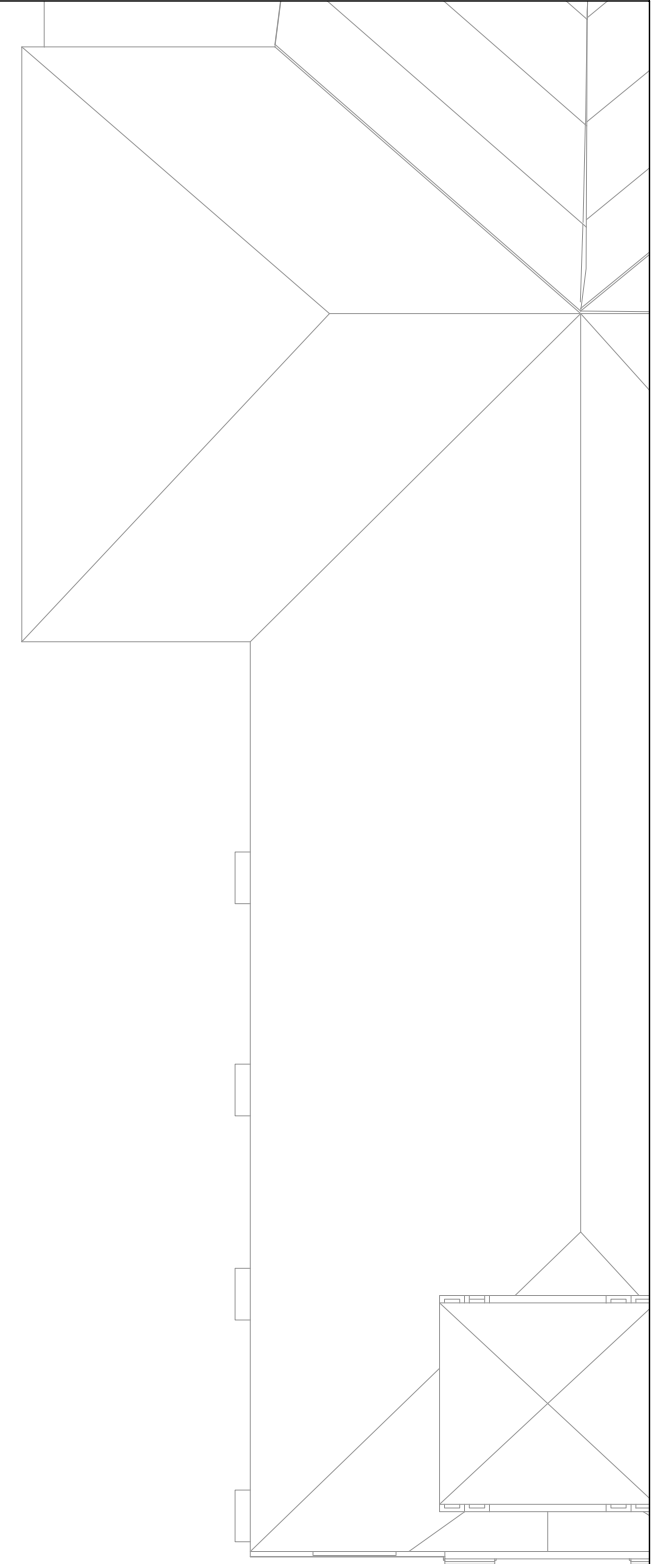
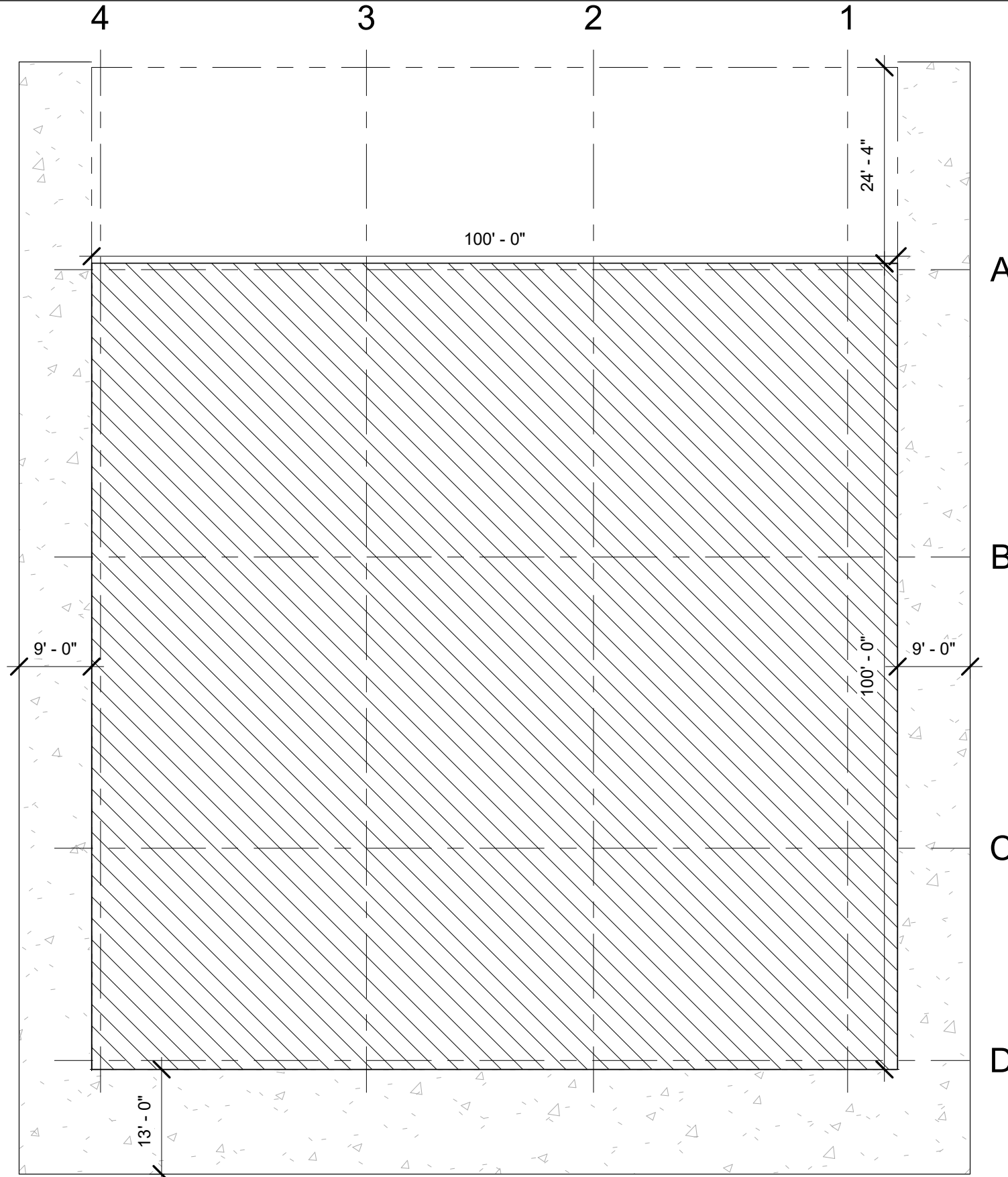
COVER SHEET

Project number	Project Number	G-100
Date	Issue Date	
Drawn by	Author	Scale
Checked by	Checker	


CONCORD STREET

CHAPEL STREET

JAY STREET



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



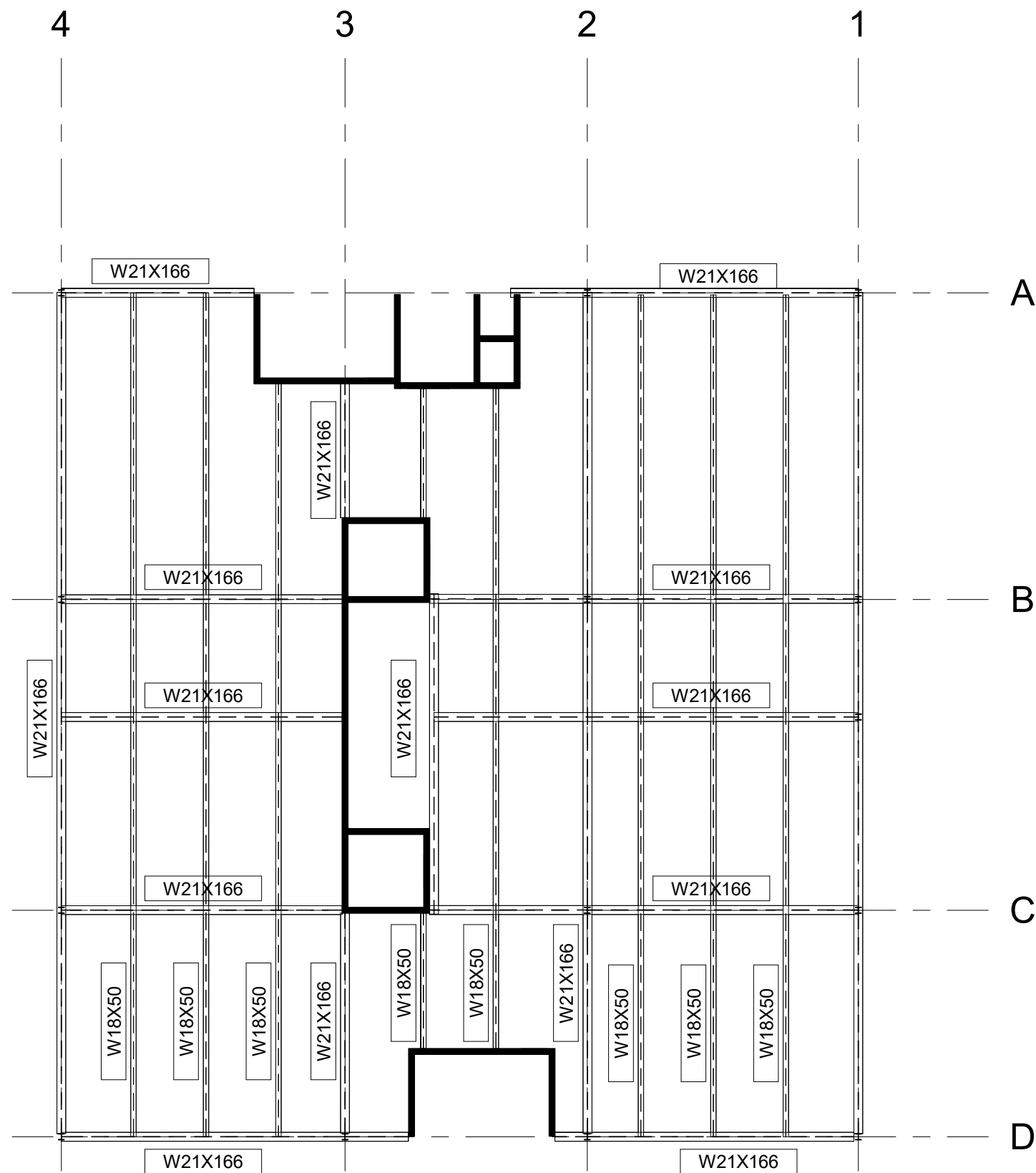

MUSLIMS OF NYC MUSEUM

SITE PLAN

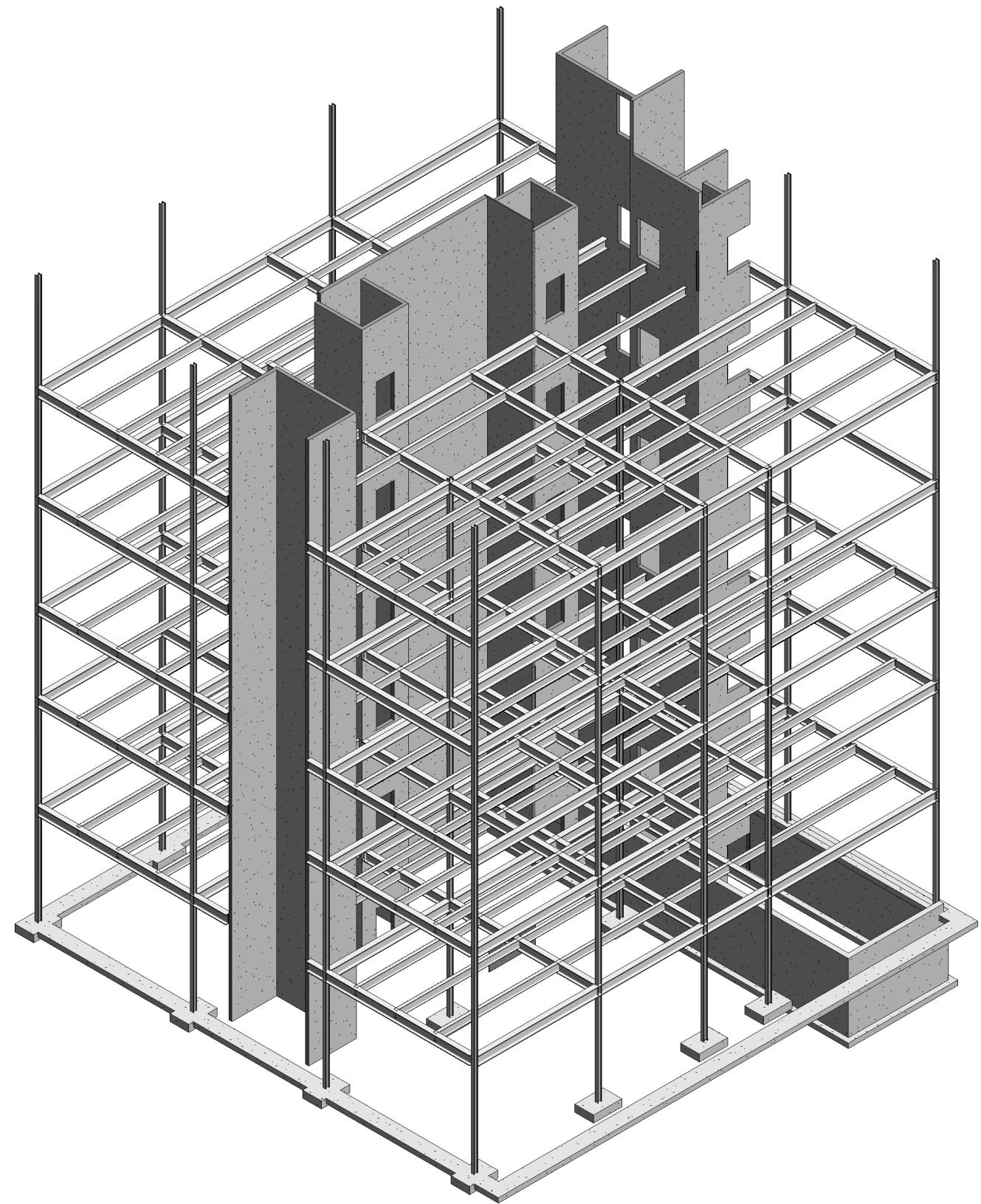
Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

G-101

Scale 1/16" = 1'-0"



① TYP. STRUCTURAL FRAMING PLAN
1/16" = 1'-0"



② STRUCTURE AXON

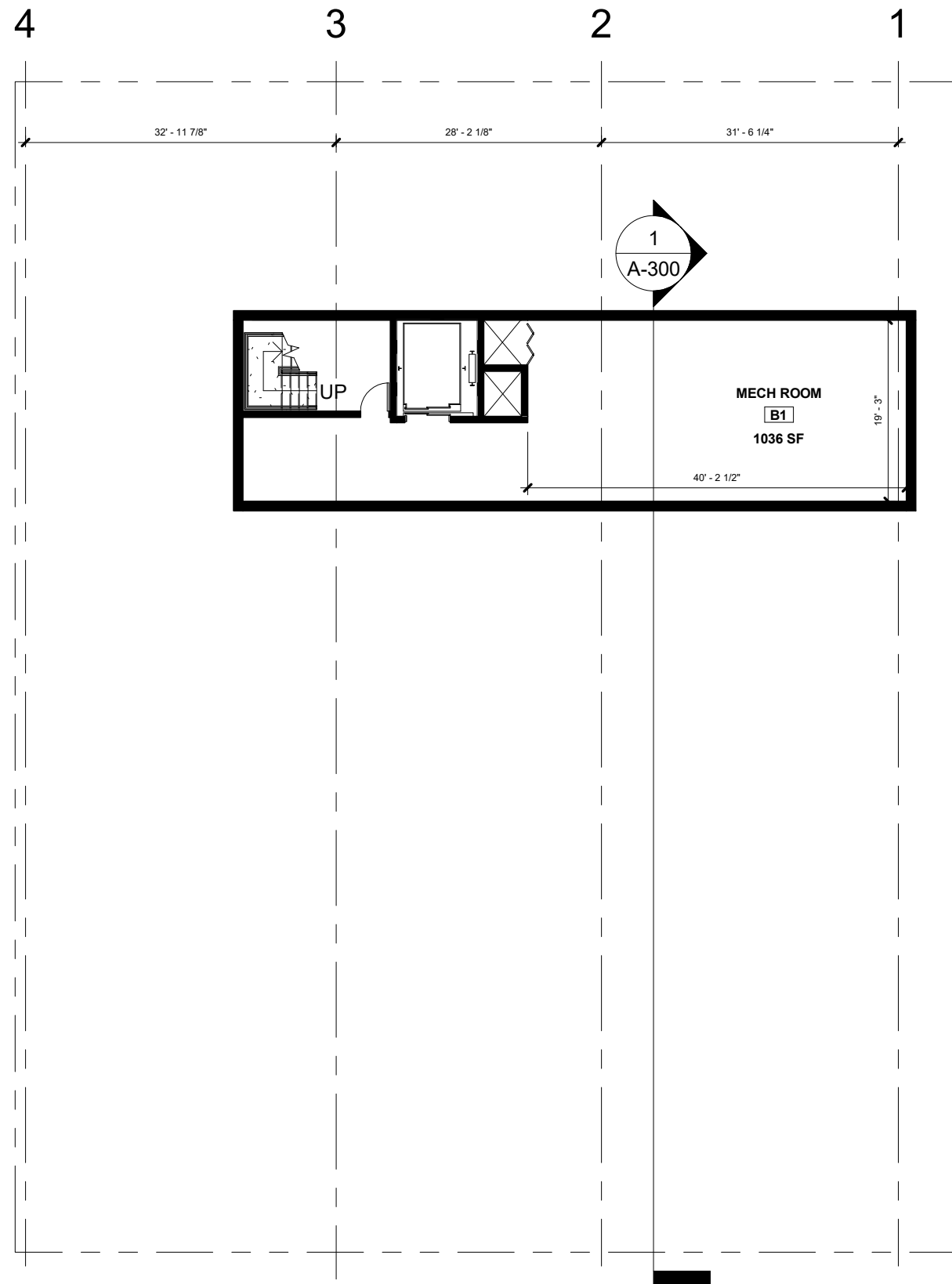
- COLUMNS
-W8X67
- GIRDERS
-W21X166
- BEAMS
-W18X50
- CORE WALLS
-8" CONCRETE



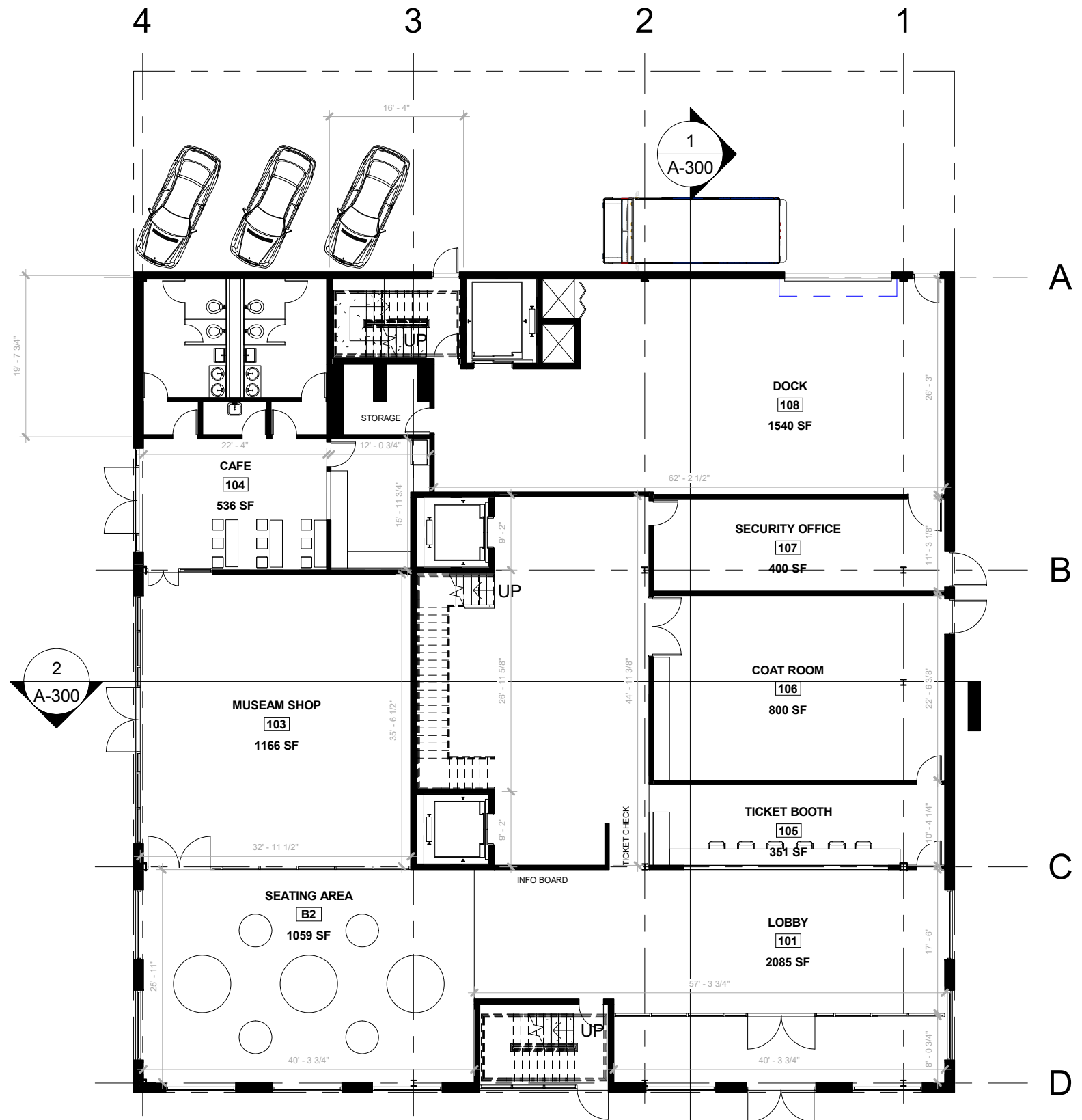
MUSLIMS OF NYC MUSEUM

STRUCTURAL PLAN

Project number	Project Number	S-100
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



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



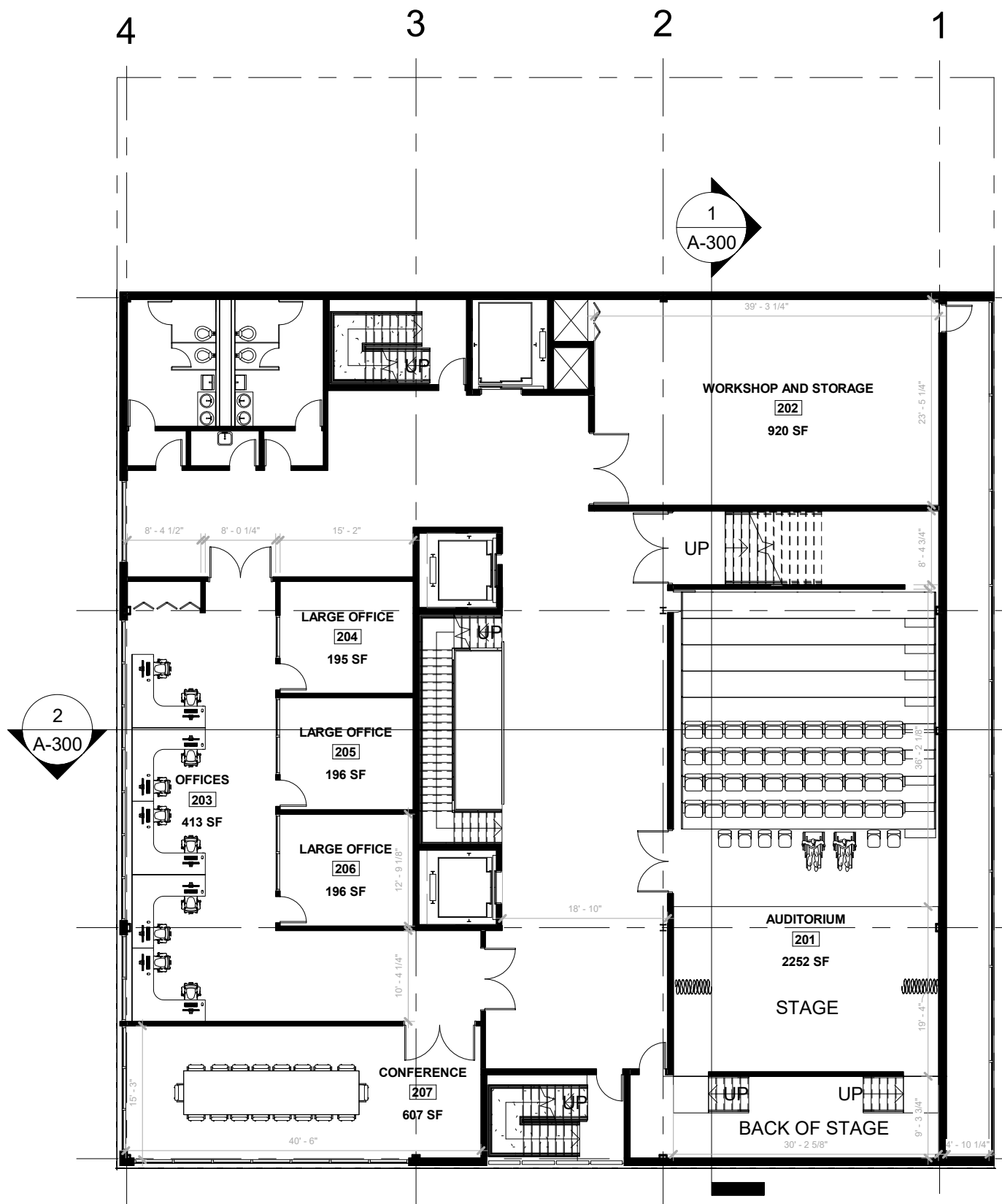
2 LEVEL 1
1/16" = 1'-0"



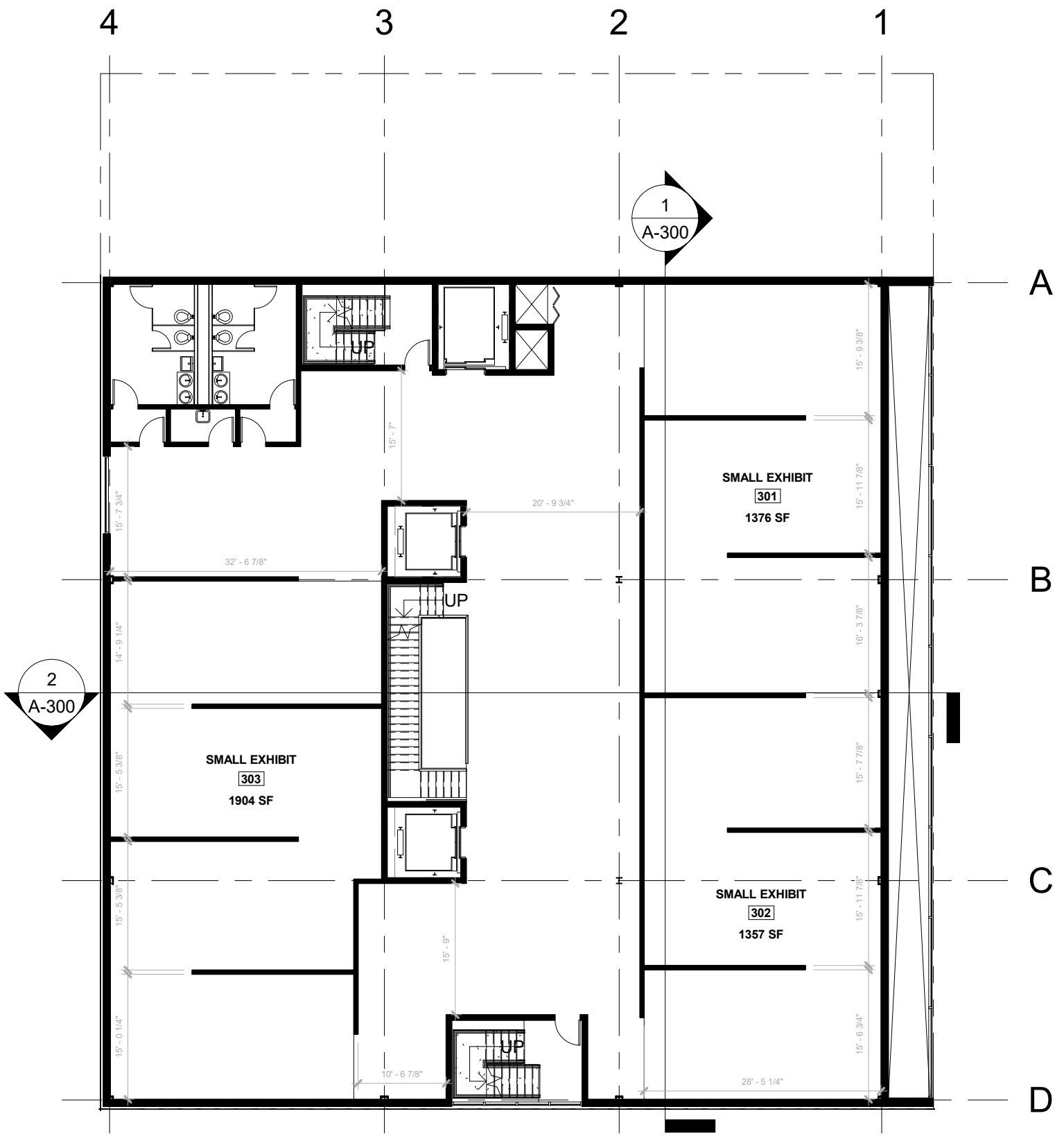
MUSLIMS OF NYC MUSEUM

CELLAR & 1ST FLOOR PLANS

Project number	Project Number	<h1>A-100</h1>
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



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



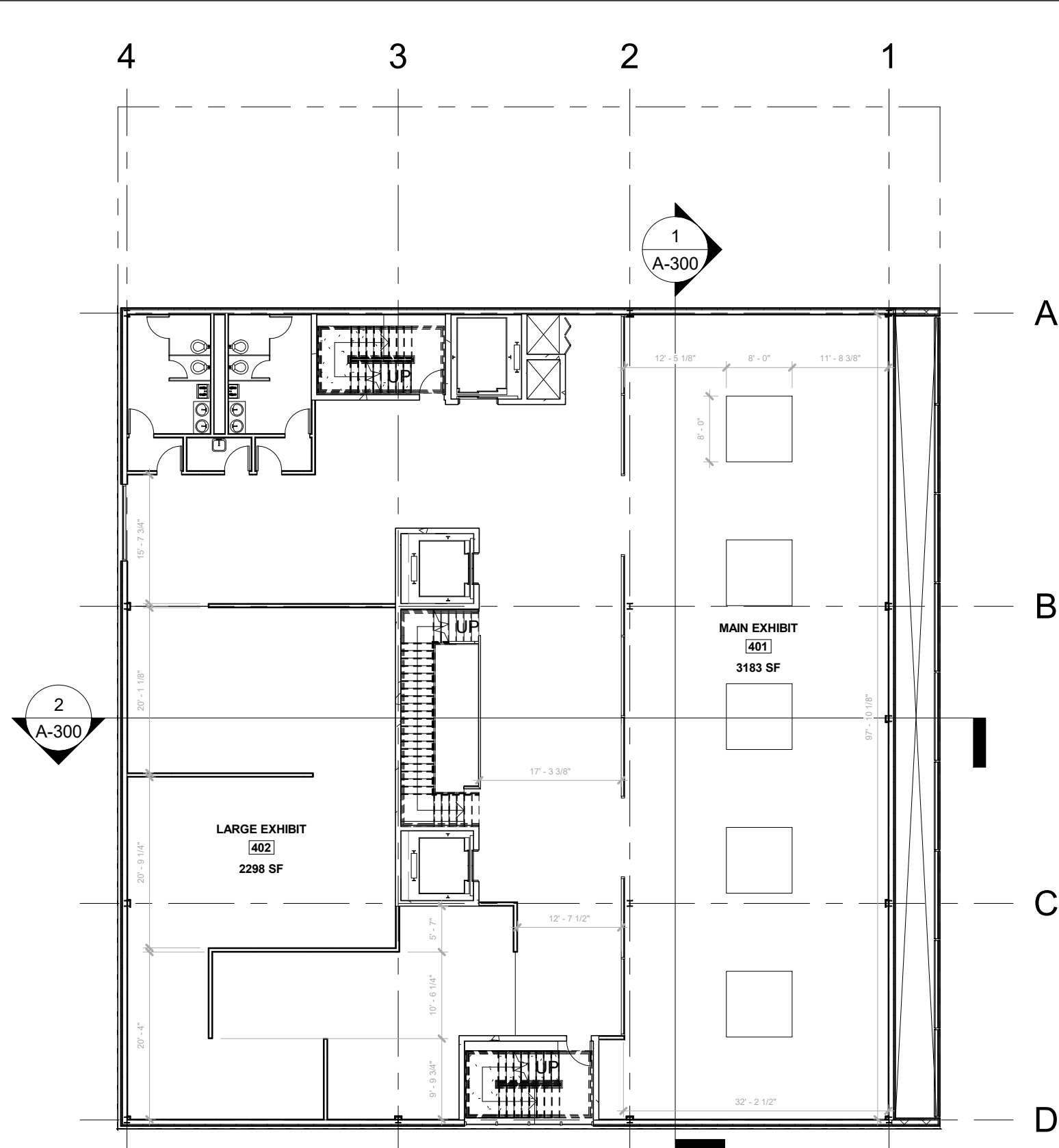
2 LEVEL 3
1/16" = 1'-0"



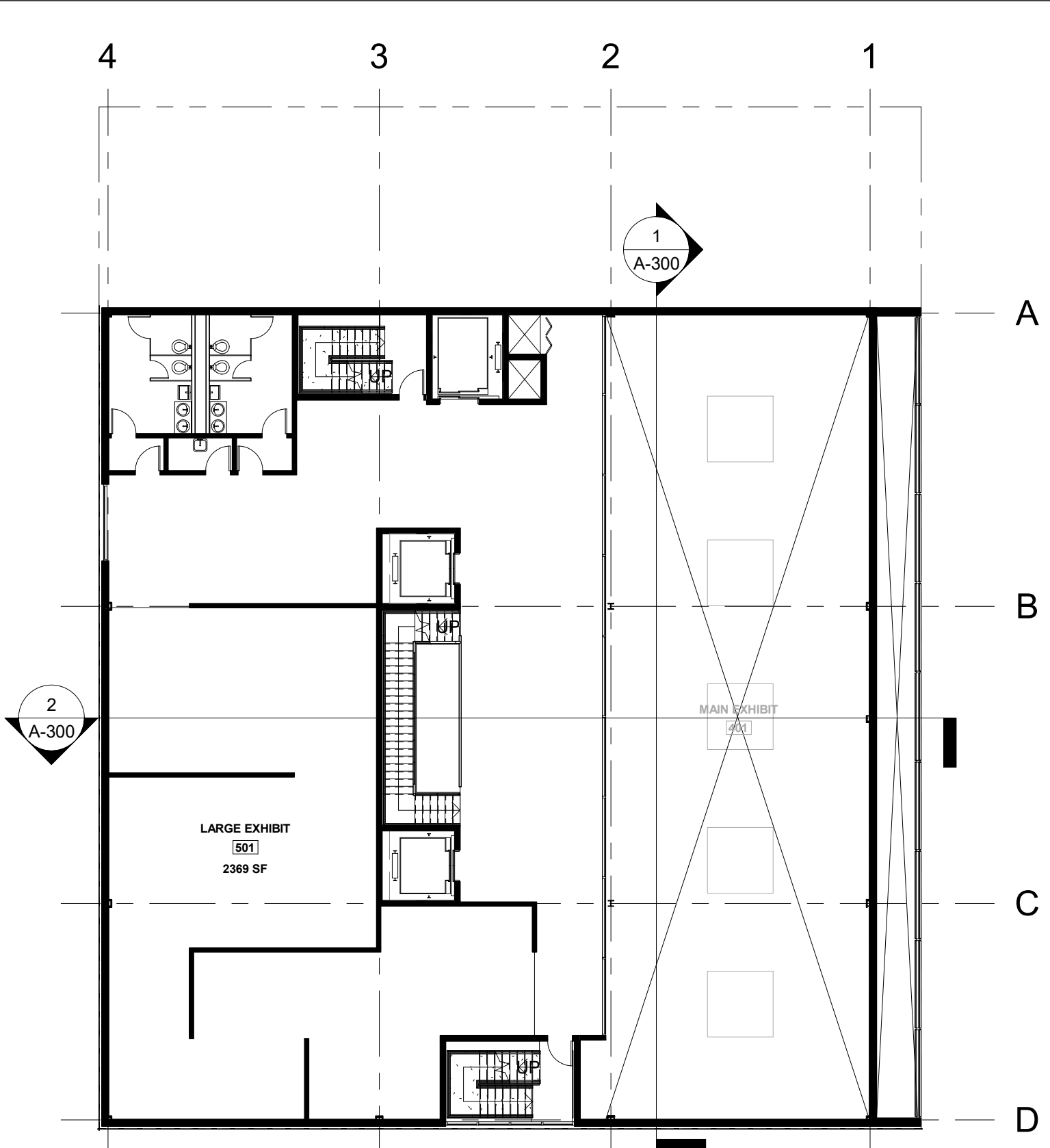
MUSLIMS OF NYC MUSEUM

2ND & 3RD FLOOR PLANS

Project number	Project Number	A-101
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



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



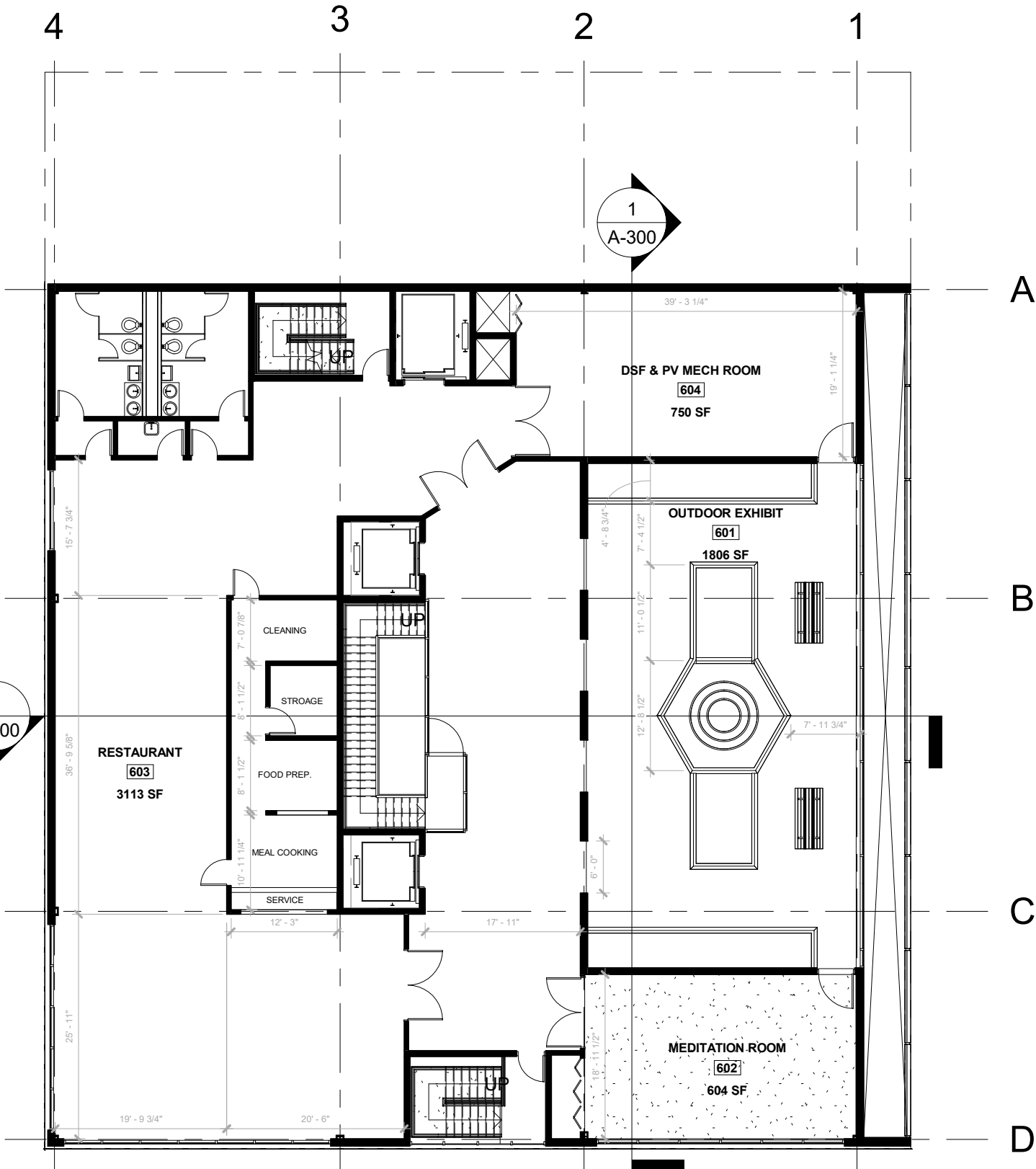
2 LEVEL 5
1/16" = 1'-0"



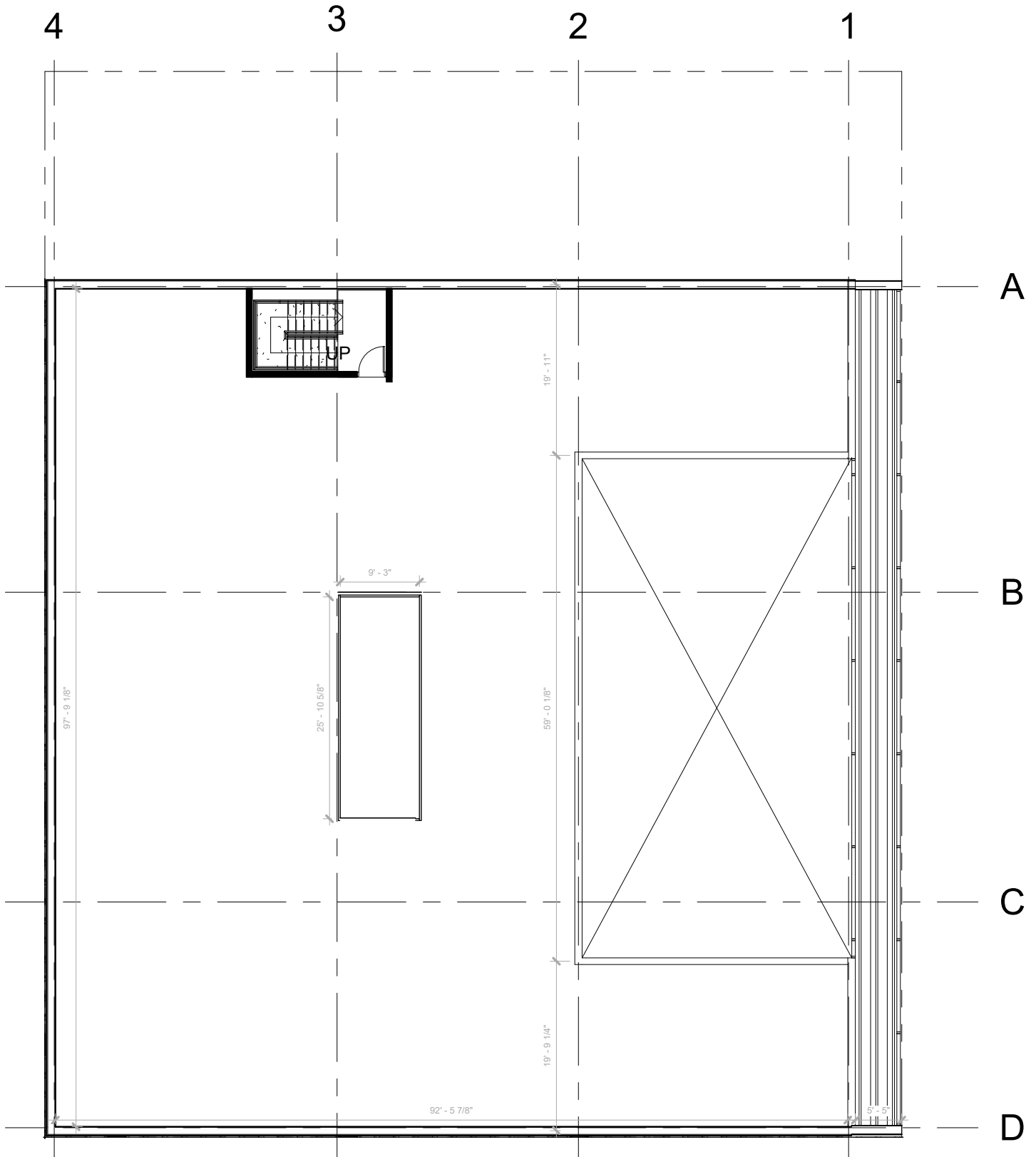
MUSLIMS OF NYC MUSEUM

4TH & 5TH FLOOR PLANS

Project number	Project Number	A-102
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



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



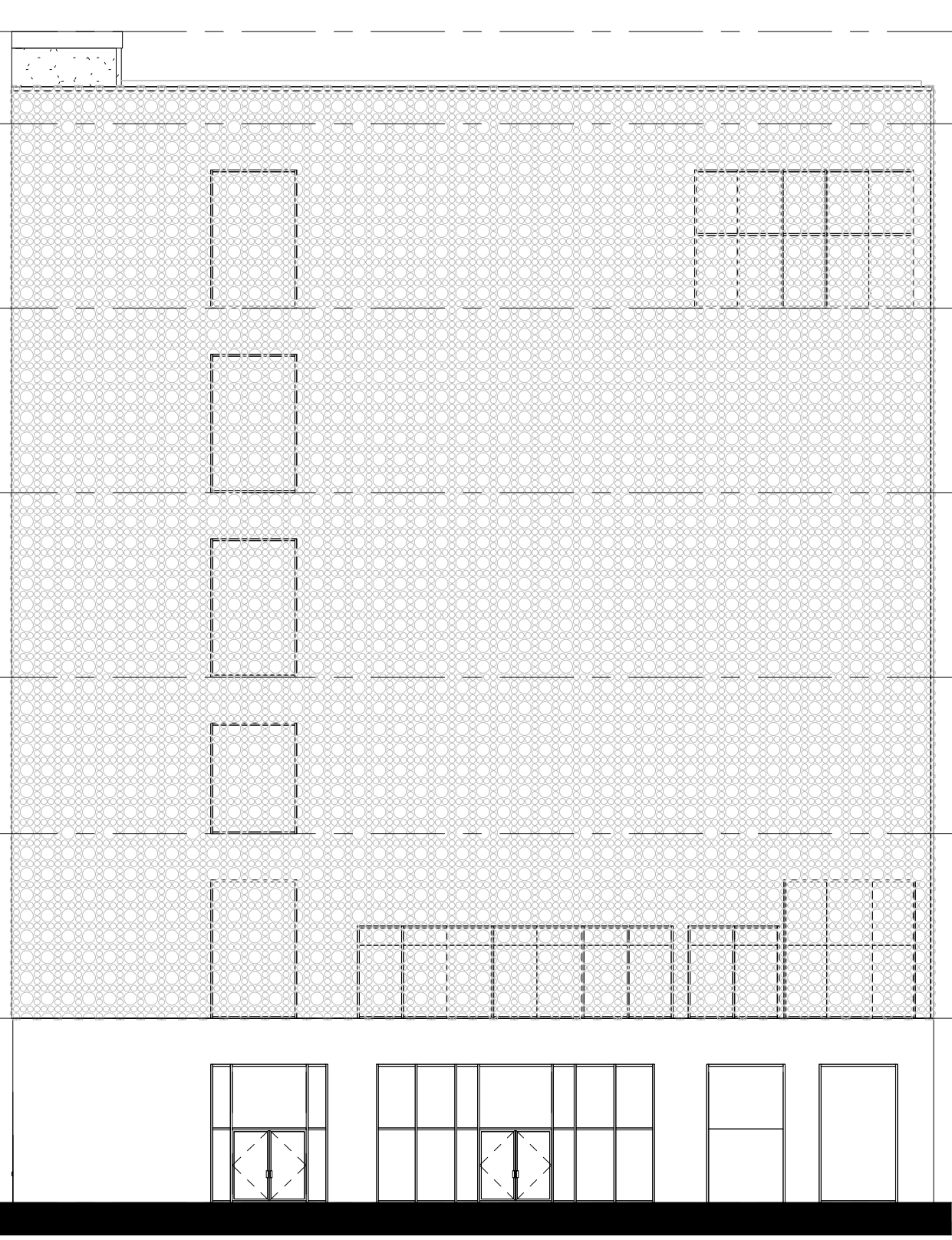
2 ROOF
1/16" = 1'-0"



MUSLIMS OF NYC MUSEUM

6TH & ROOF FLOOR PLANS

Project number	Project Number	A-103
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



BULKHEAD
127' - 0"

ROOF
117' - 0"

LEVEL 6
97' - 0"

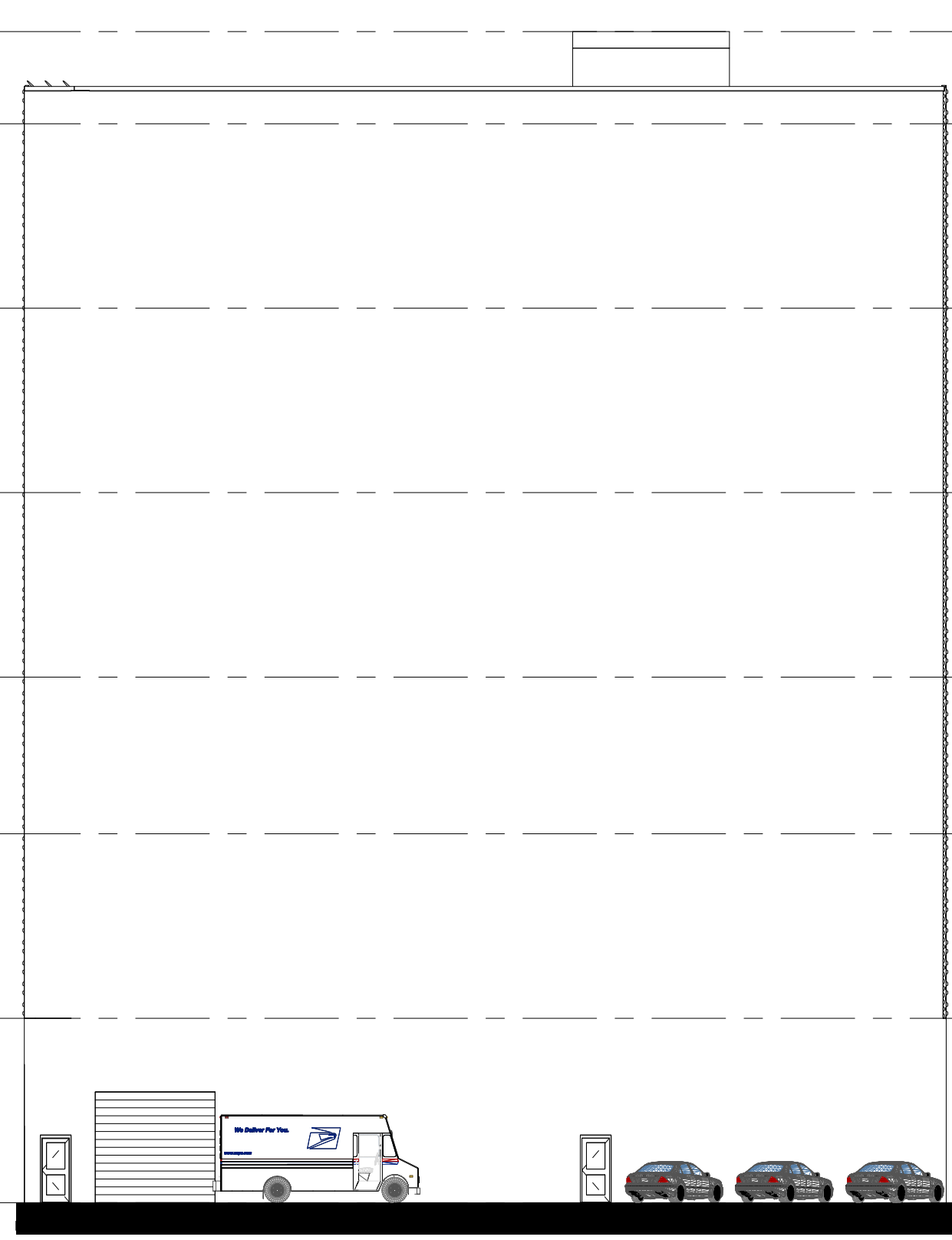
LEVEL 5
77' - 0"

LEVEL 4
57' - 0"

LEVEL 3
40' - 0"

LEVEL 2
20' - 0"

LEVEL 1
0' - 0"



BULKHEAD
127' - 0"

ROOF
117' - 0"

LEVEL 6
97' - 0"

LEVEL 5
77' - 0"

LEVEL 4
57' - 0"

LEVEL 3
40' - 0"

LEVEL 2
20' - 0"

LEVEL 1
0' - 0"

1 NORTH ELEV.
1/16" = 1'-0"

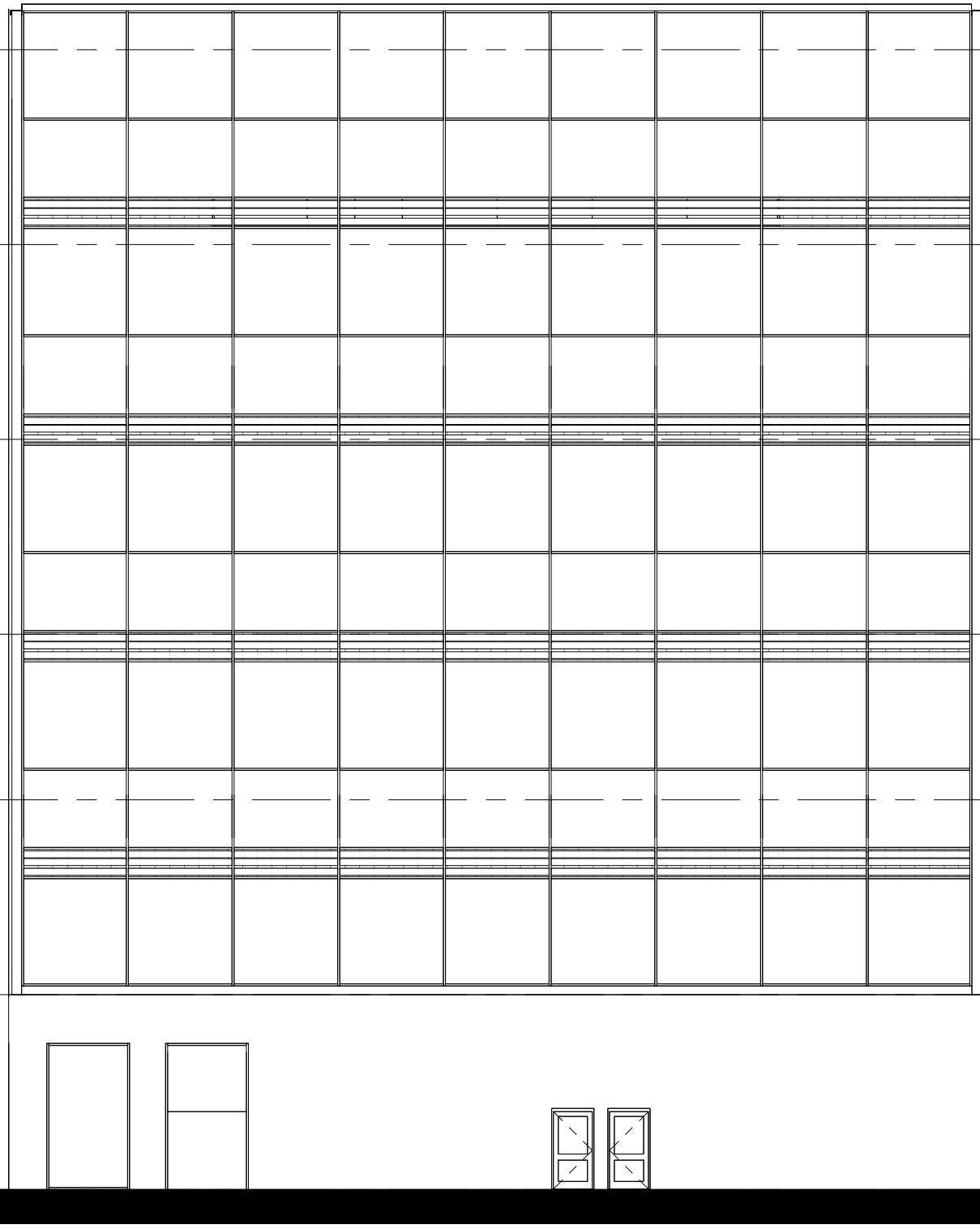
2 EAST ELEV.
1/16" = 1'-0"



MUSLIMS OF NYC MUSEUM

NORTH & EAST ELEVATIONS

Project number	Project Number	A-200
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



BULKHEAD 127' - 0"

ROOF 117' - 0"

LEVEL 6 97' - 0"

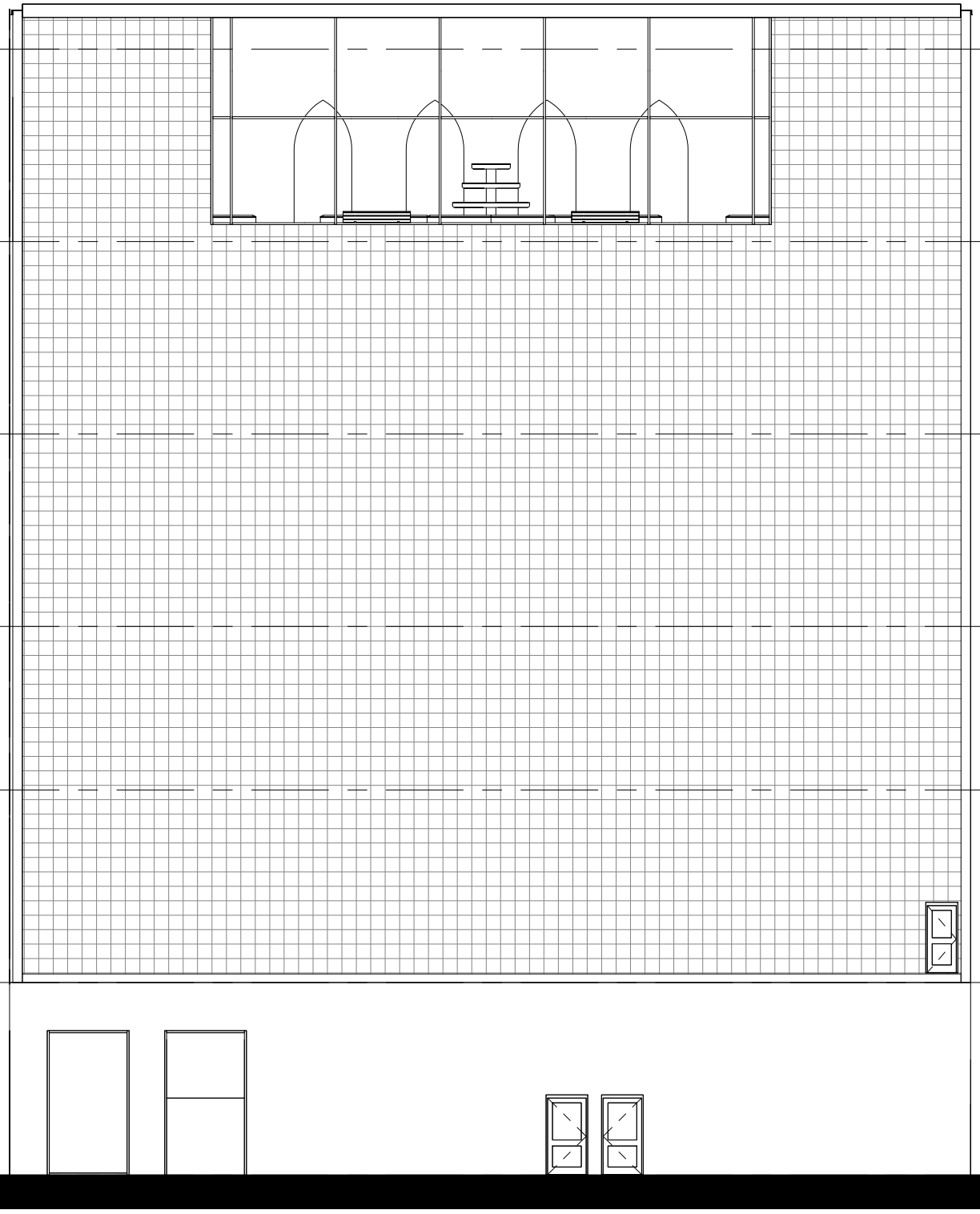
LEVEL 5 77' - 0"

LEVEL 4 57' - 0"

LEVEL 3 40' - 0"

LEVEL 2 20' - 0"

LEVEL 1 0' - 0"



BULKHEAD 127' - 0"

ROOF 117' - 0"

LEVEL 6 97' - 0"

LEVEL 5 77' - 0"

LEVEL 4 57' - 0"

LEVEL 3 40' - 0"

LEVEL 2 20' - 0"

LEVEL 1 0' - 0"

① SOUTH ELEV.
1/16" = 1'-0"

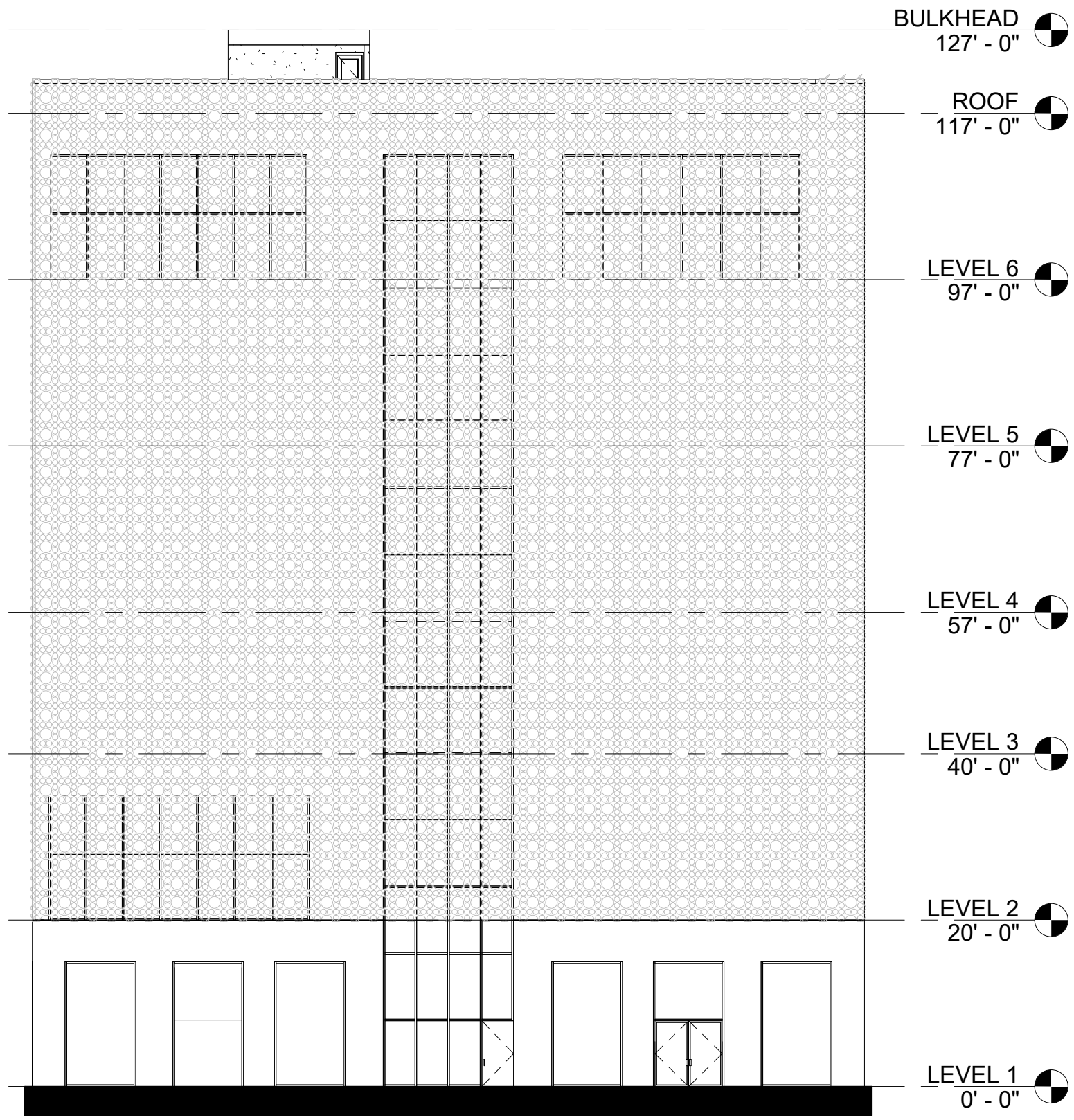
② SOUTH PV ELEV.
1/16" = 1'-0"



MUSLIMS OF NYC MUSEUM

SOUTH ELEVATIONS

Project number	Project Number	A-201
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



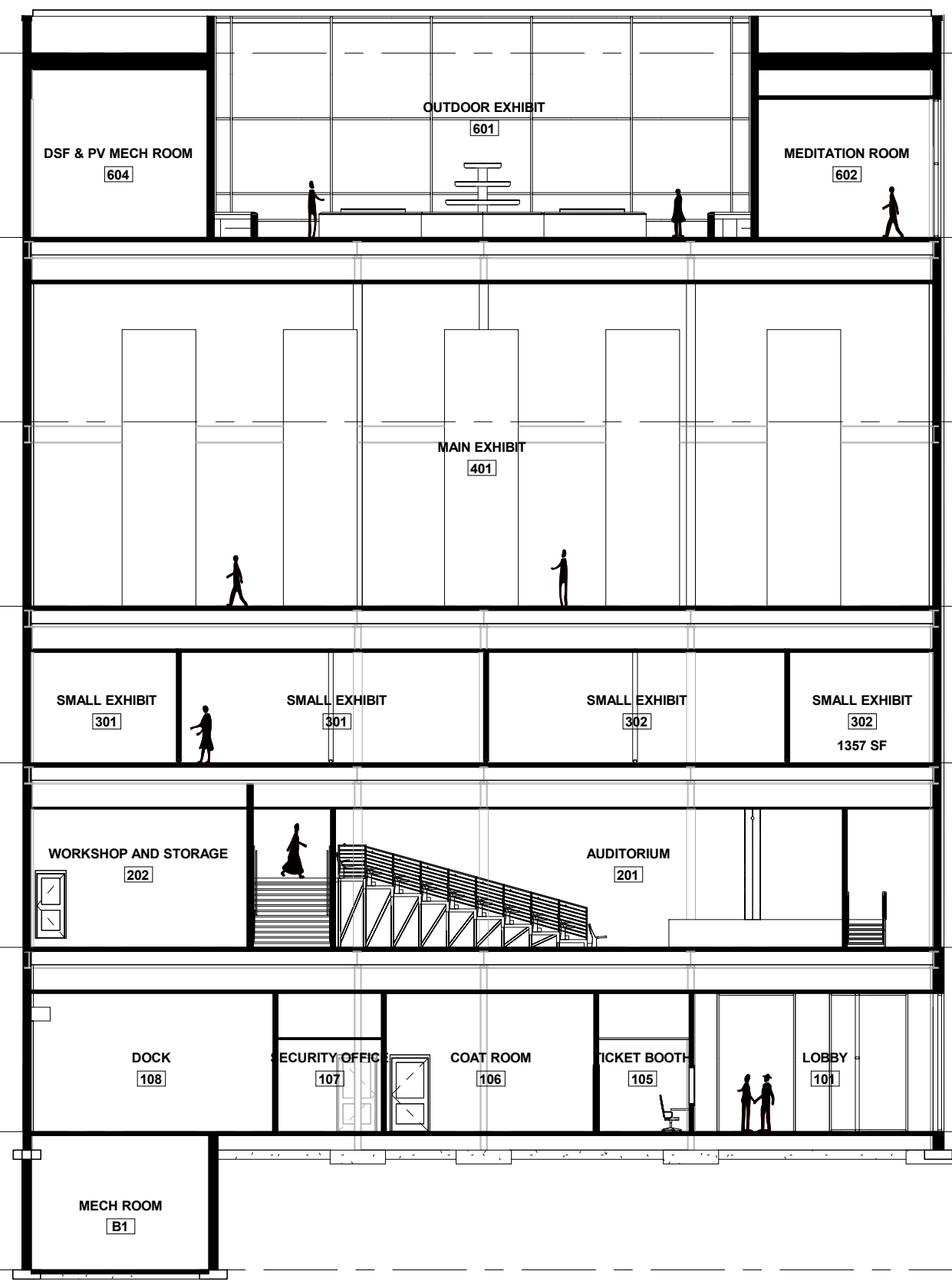
1 WEST ELEV.
1/16" = 1'-0"



MUSLIMS OF NYC MUSEUM

WEST ELEVATION

Project number	Project Number	A-203
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



ROOF
117' - 0"

LEVEL 6
97' - 0"

LEVEL 5
77' - 0"

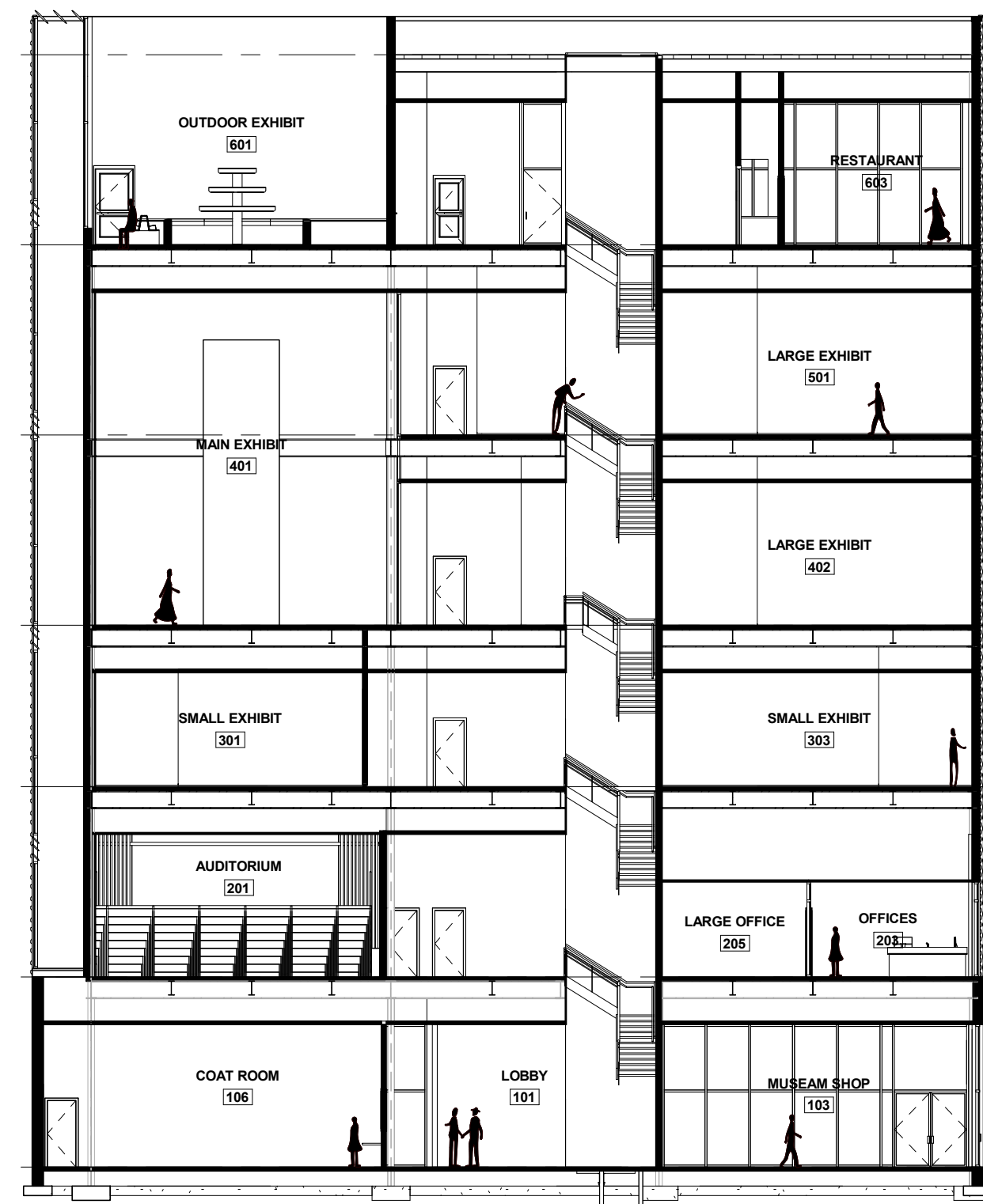
LEVEL 4
57' - 0"

LEVEL 3
40' - 0"

LEVEL 2
20' - 0"

LEVEL 1
0' - 0"

CELLAR
-15' - 0"



ROOF
117' - 0"

LEVEL 6
97' - 0"

LEVEL 5
77' - 0"

LEVEL 4
57' - 0"

LEVEL 3
40' - 0"

LEVEL 2
20' - 0"

LEVEL 1
0' - 0"

CELLAR
-15' - 0"

① NS SECTION
1/16" = 1'-0"

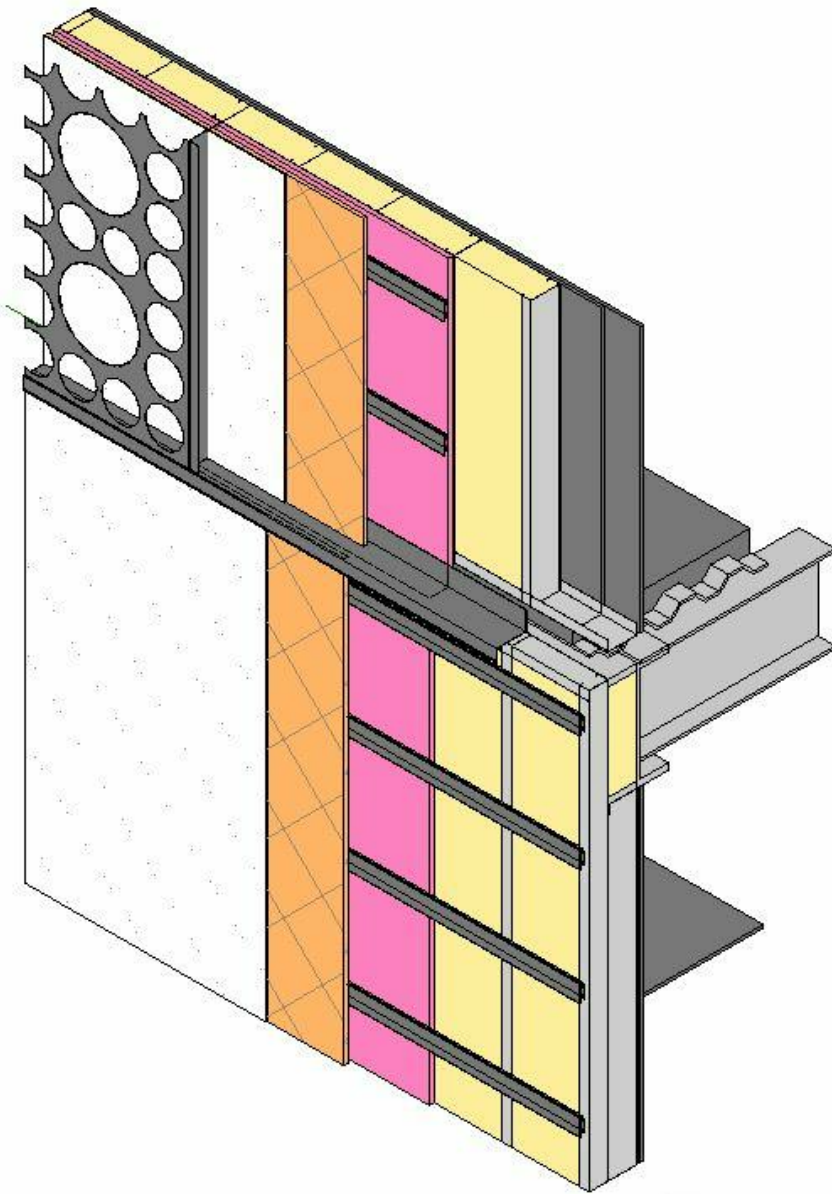
② EW SECTION
1/16" = 1'-0"



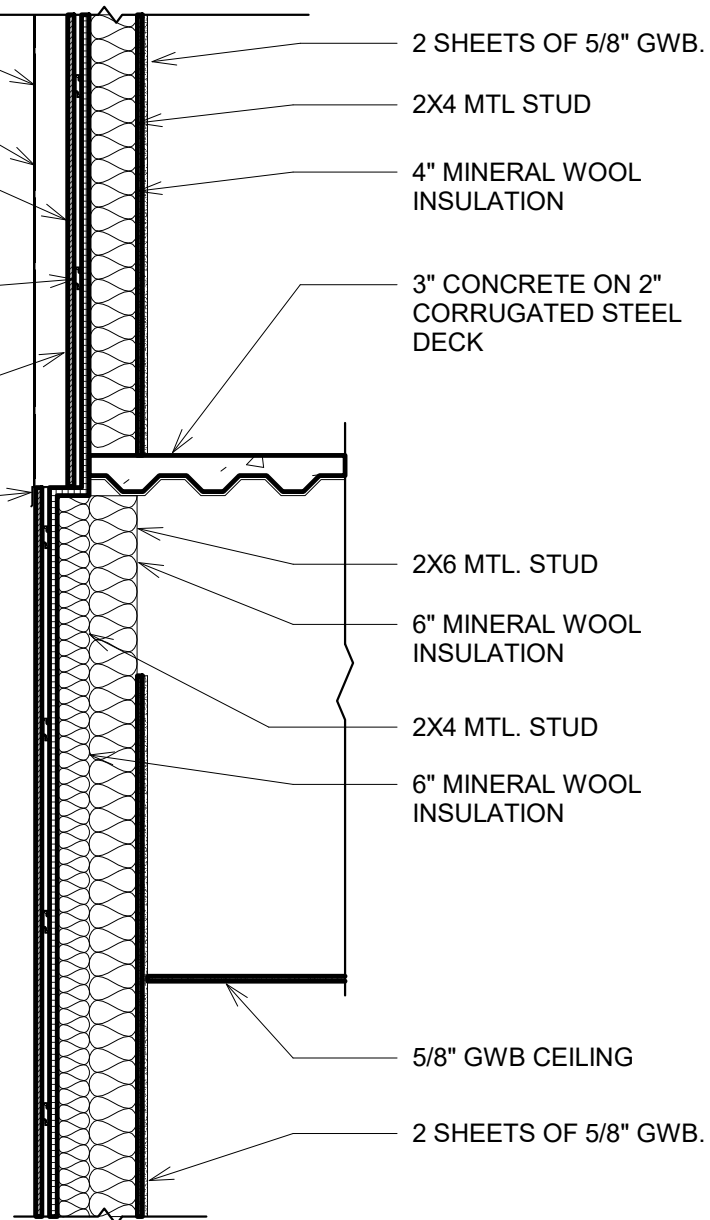
MUSLIMS OF NYC MUSEUM

SECTIONS

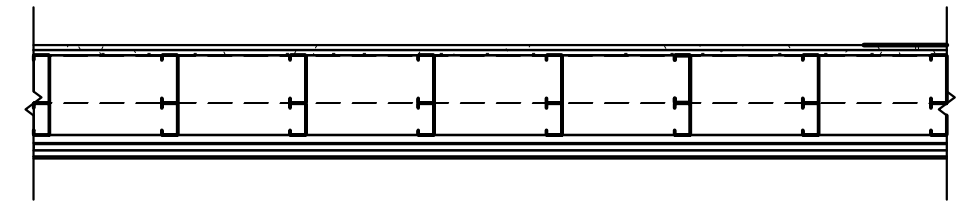
Project number	Project Number	<h1>A-300</h1>
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
		Scale 1/16" = 1'-0"



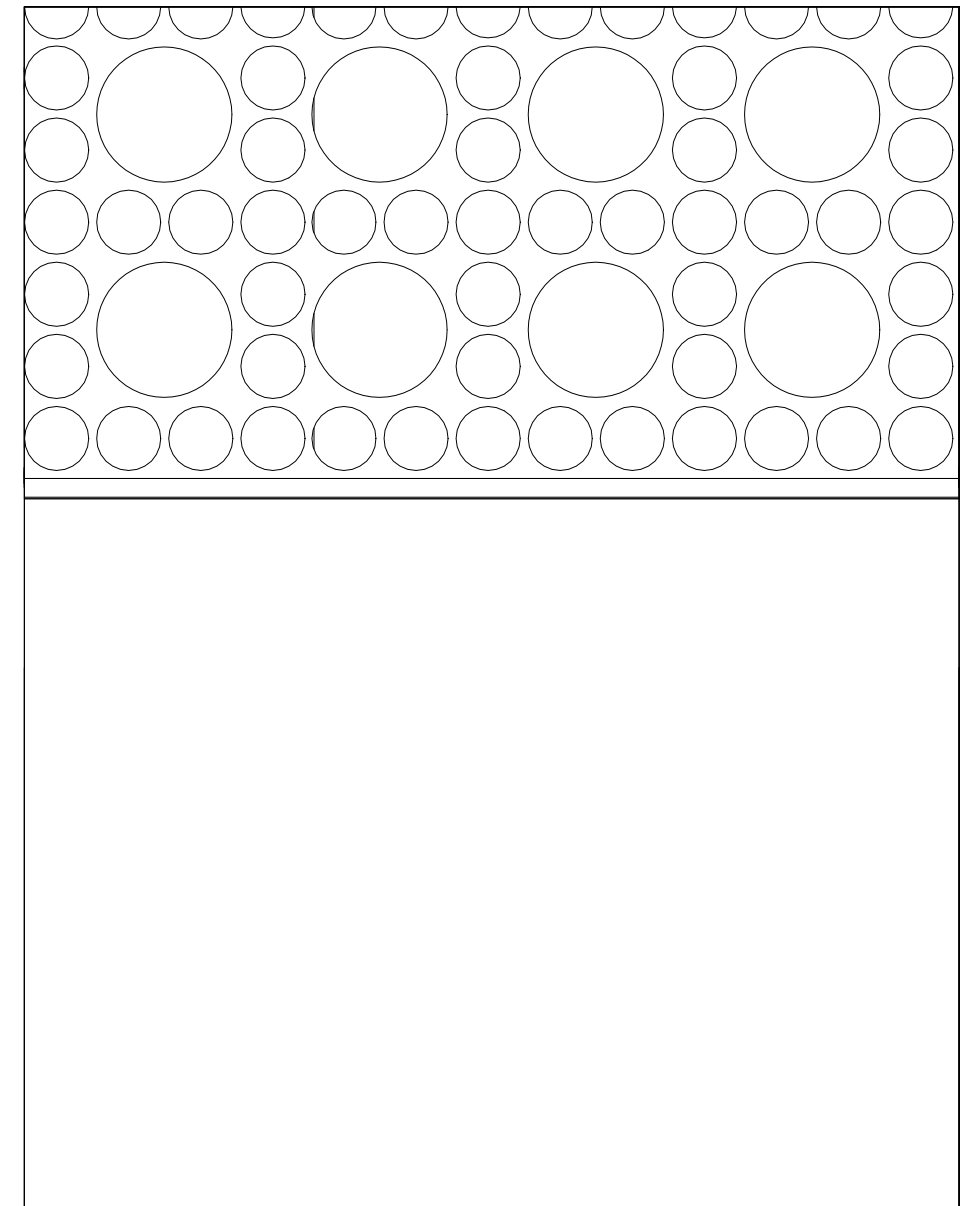
PREFORATED ANODIZED BLACK PANEL
 4" AIR SPACE
 StoneLite PANEL
 1/4" WHITE MARBLE W/
 3/4" HONEYCOMB BACKING
 StoneLite 1" NARROW LOCKING CHANNEL
 1" OWENS CORNING FORMULAR XPS INSULATED SHEATHING
 ANODIZED BLACK FLASHING



2 SHEETS OF 5/8" GWB.
 2X4 MTL STUD
 4" MINERAL WOOL INSULATION
 3" CONCRETE ON 2" CORRUGATED STEEL DECK
 2X6 MTL. STUD
 6" MINERAL WOOL INSULATION
 2X4 MTL. STUD
 6" MINERAL WOOL INSULATION
 5/8" GWB CEILING
 2 SHEETS OF 5/8" GWB.



③ WALL DETAIL PLAN
 1/2" = 1'-0"



① WALL DETAIL SECTION
 1/2" = 1'-0"

② WALL DETAIL ELEVATION
 1/2" = 1'-0"



MUSLIMS OF NYC MUSEUM

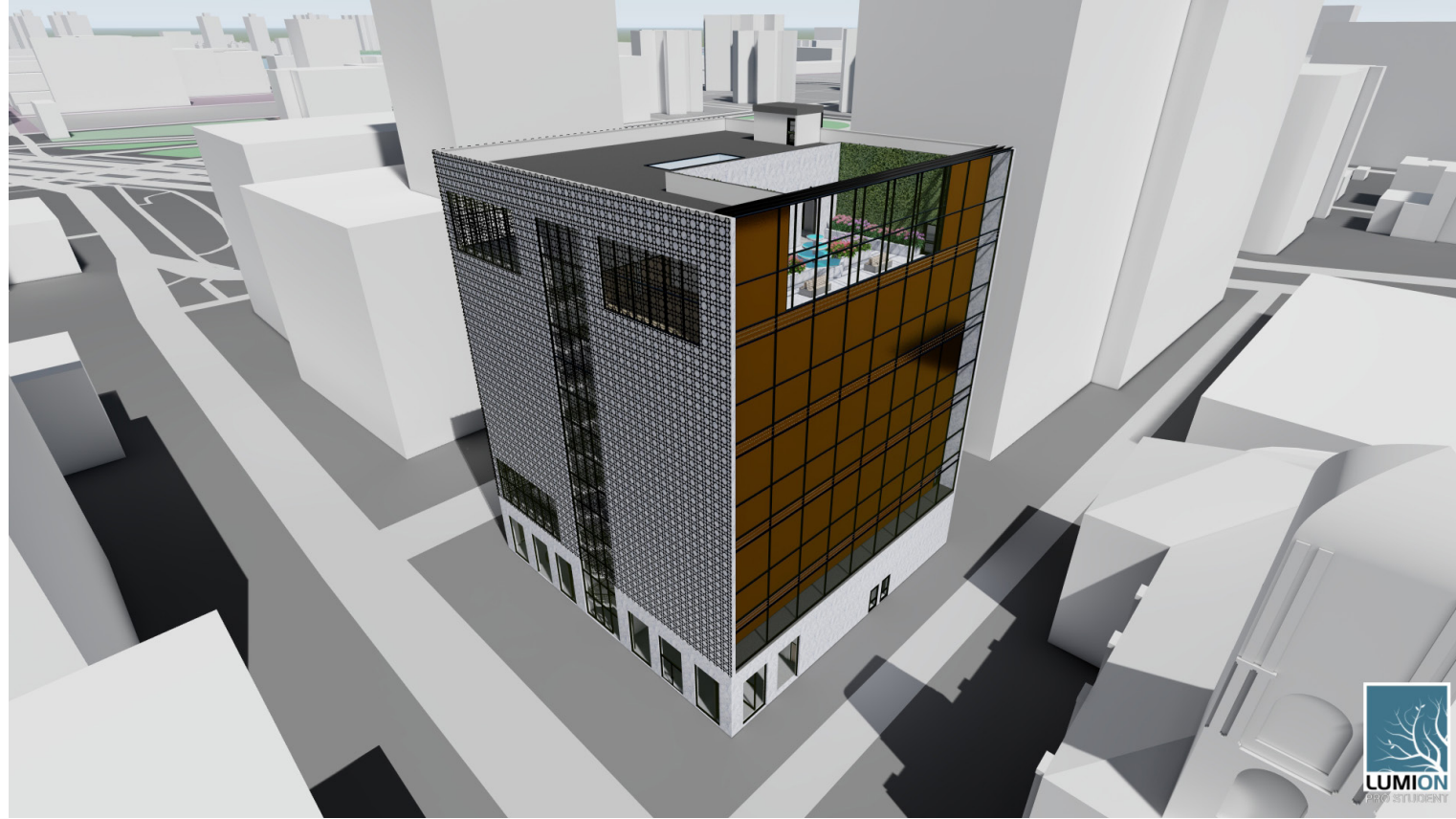
EXTERIOR WALL DETAIL

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

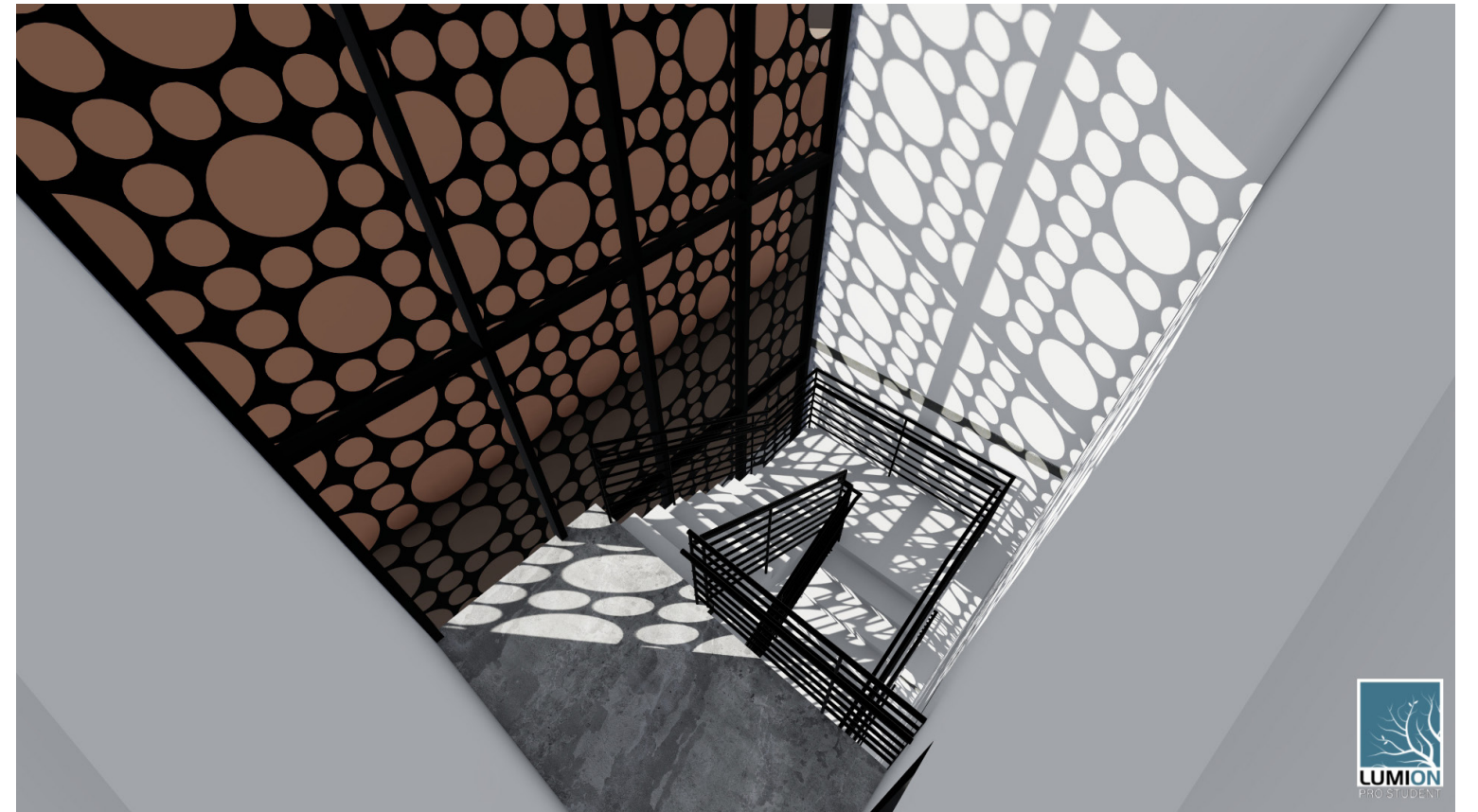
A-500

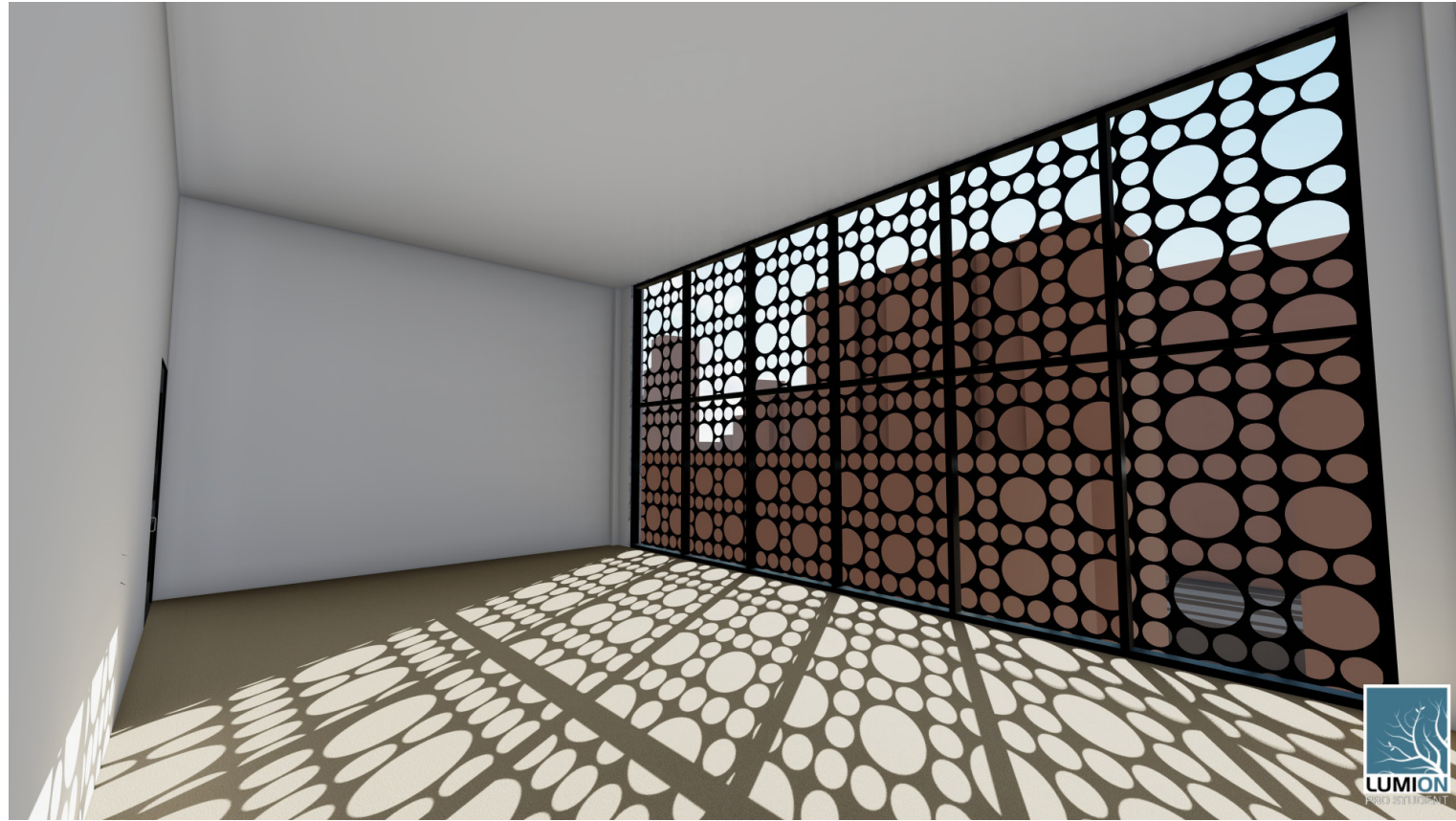
Scale 1/2" = 1'-0"

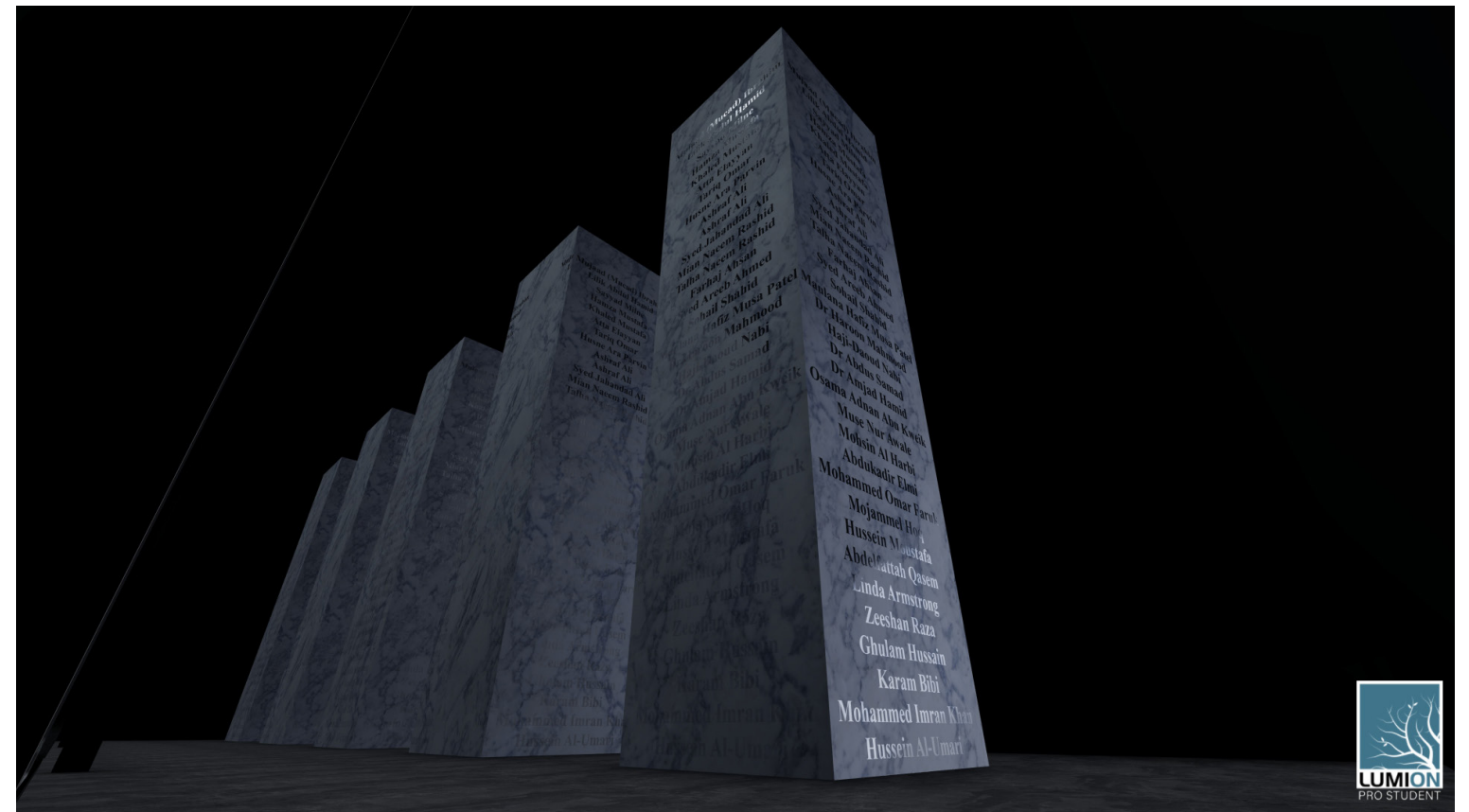
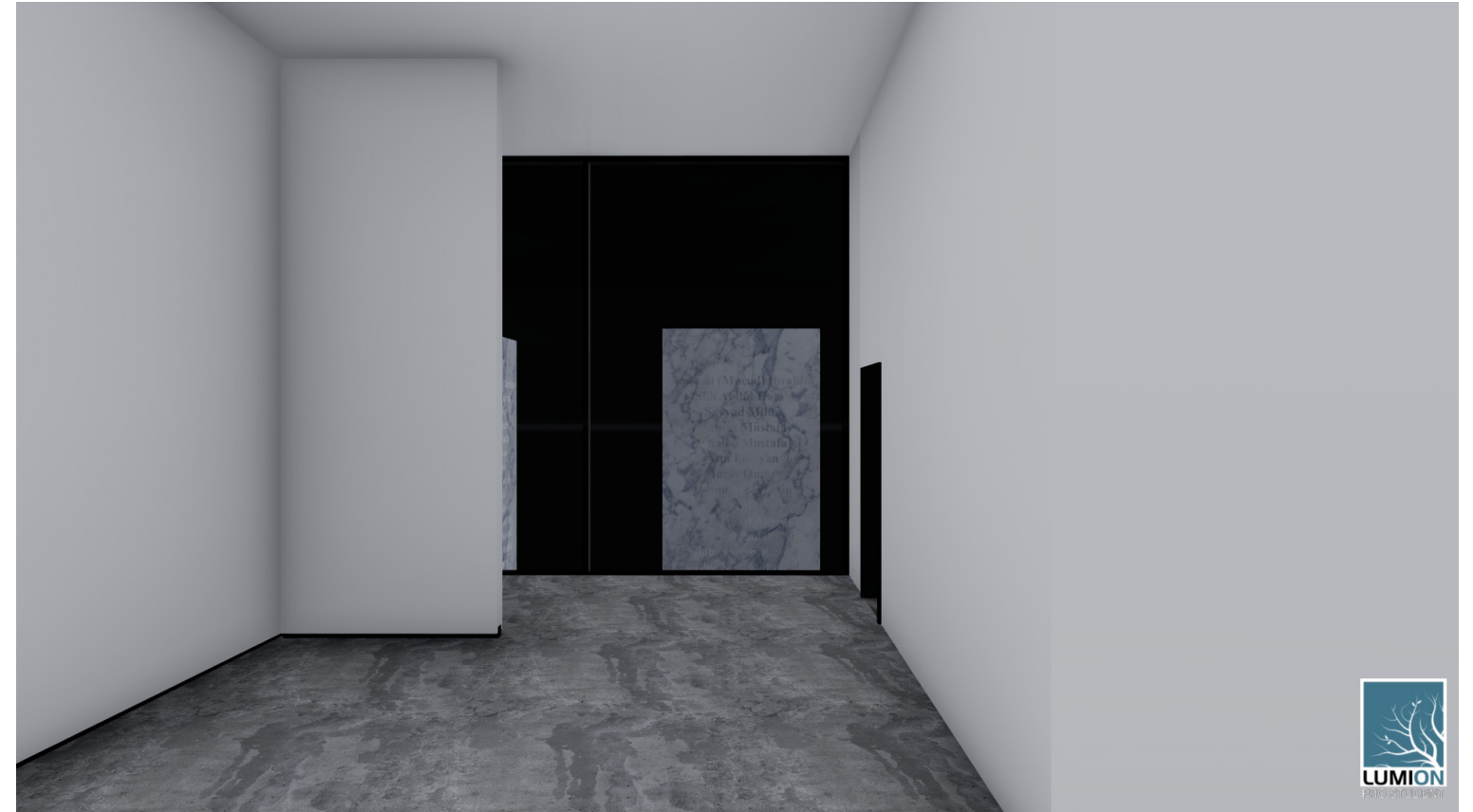
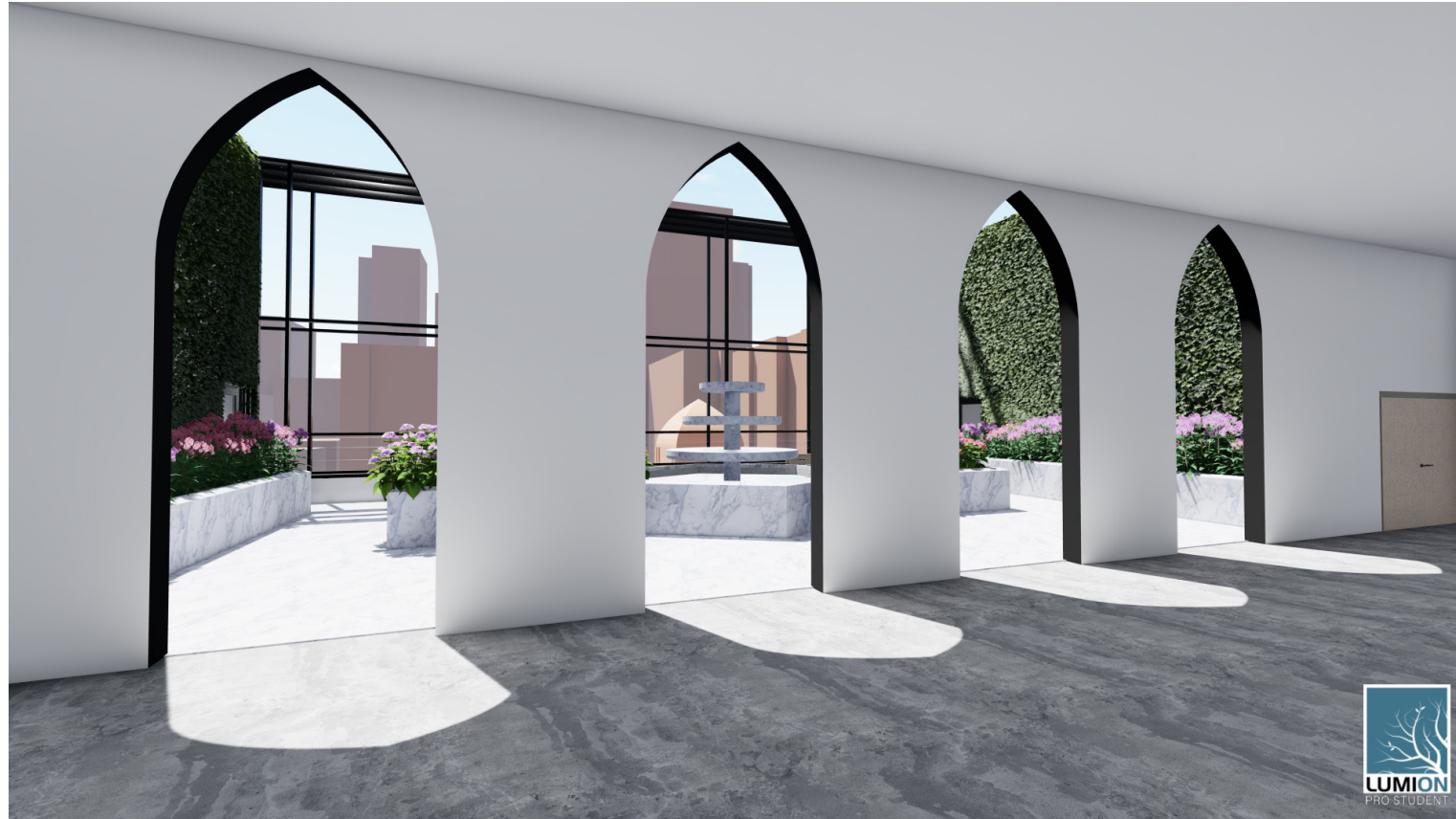
RENDERS



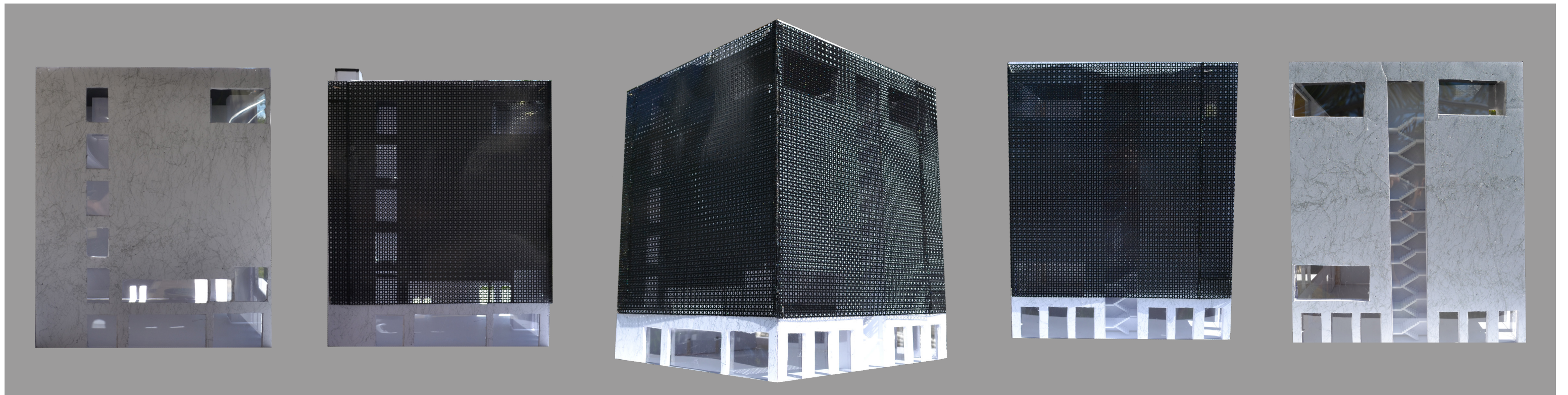
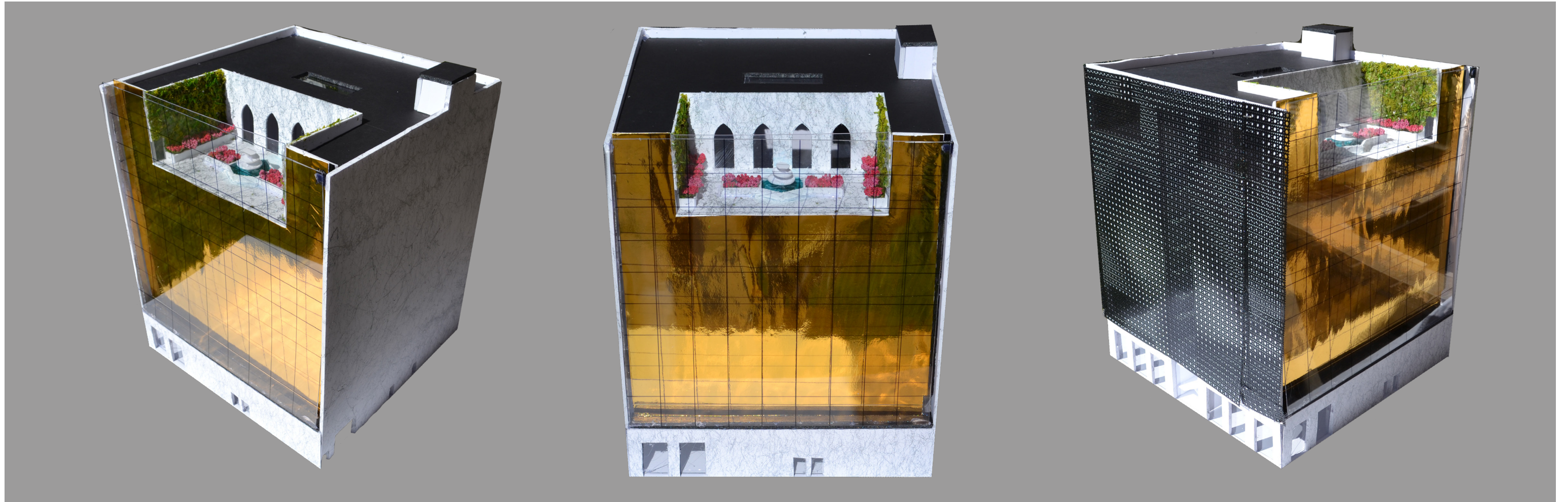


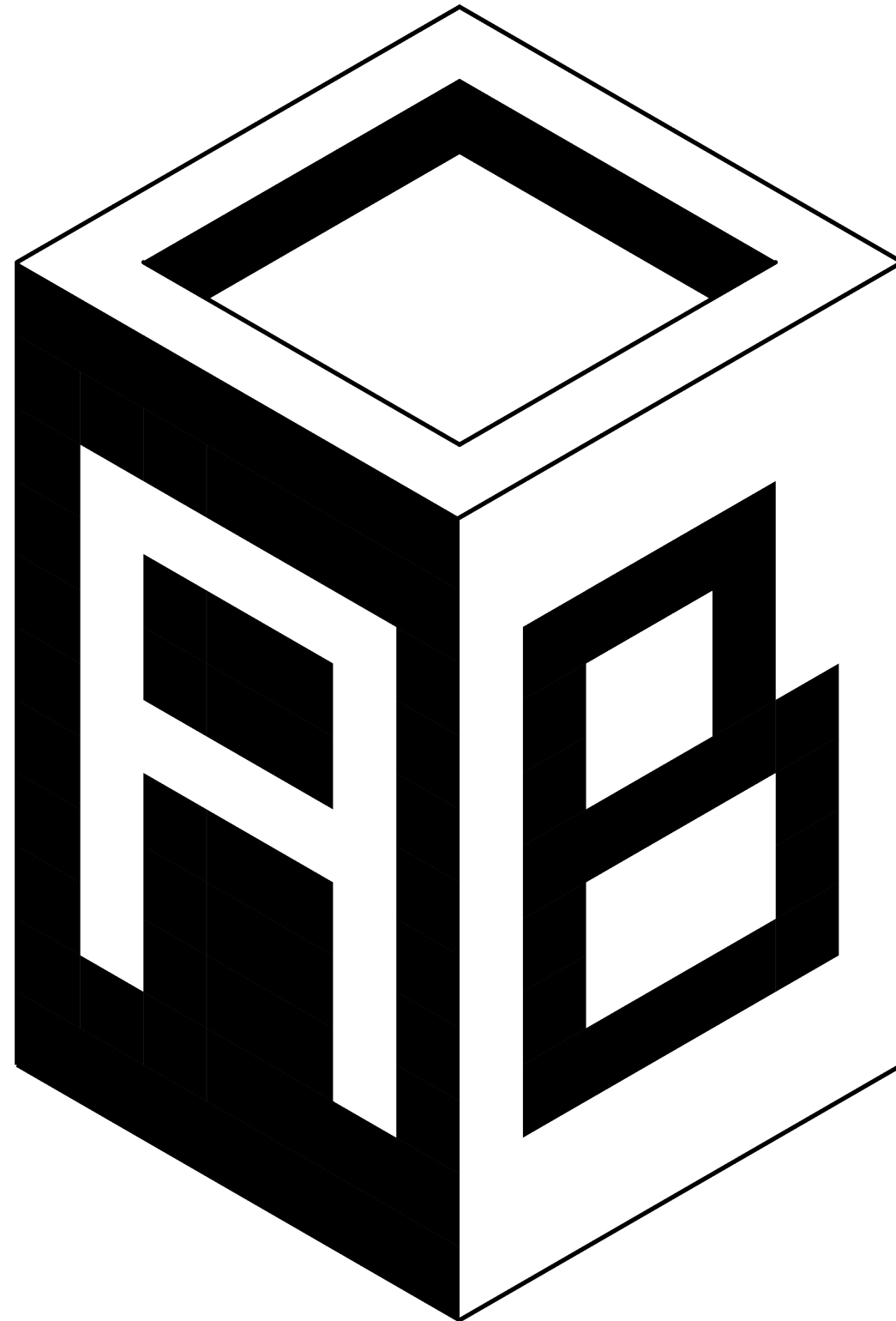






MODEL PHOTOS





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