

PORTFOLIO 1

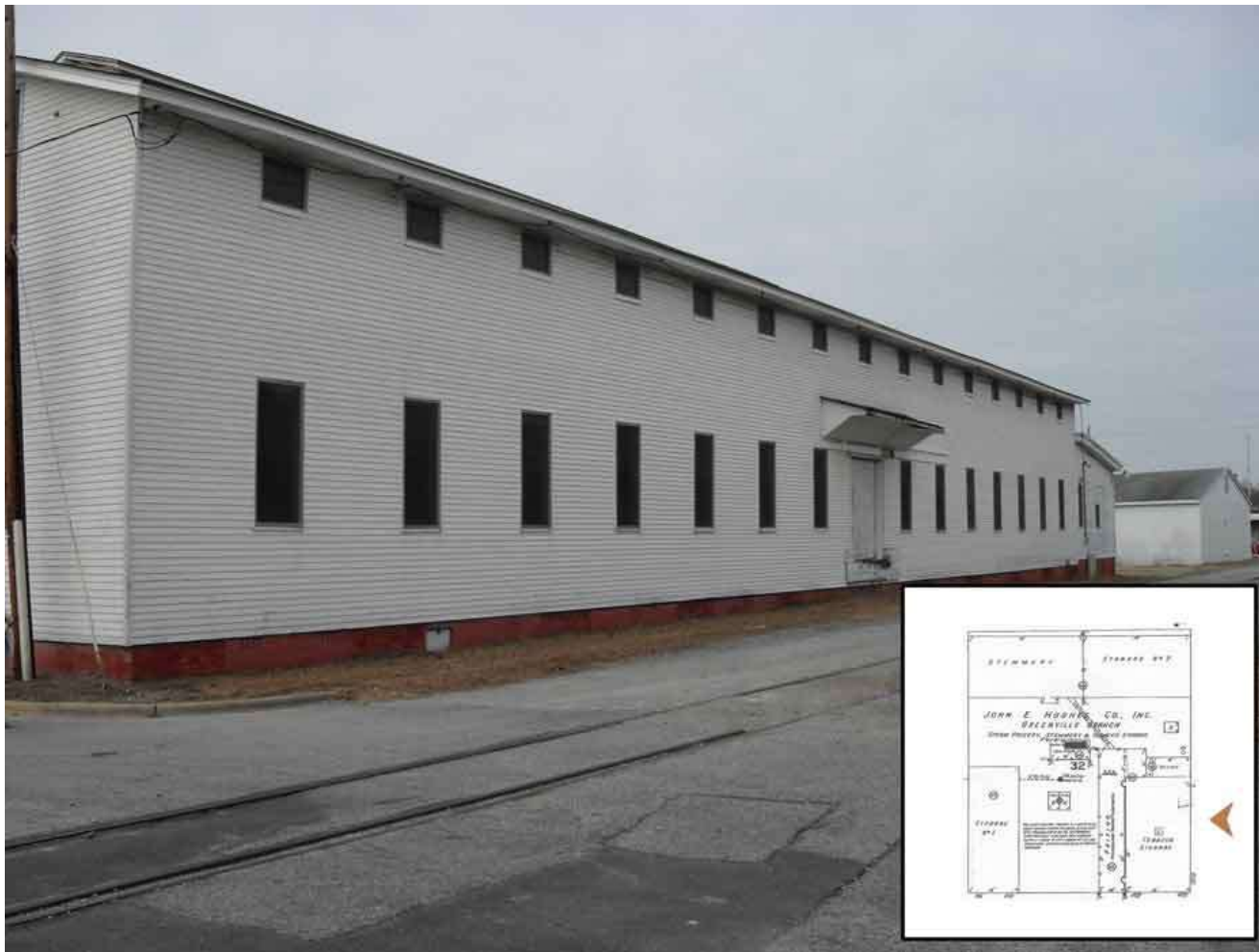
Caitlin Mize

Charles Gustina

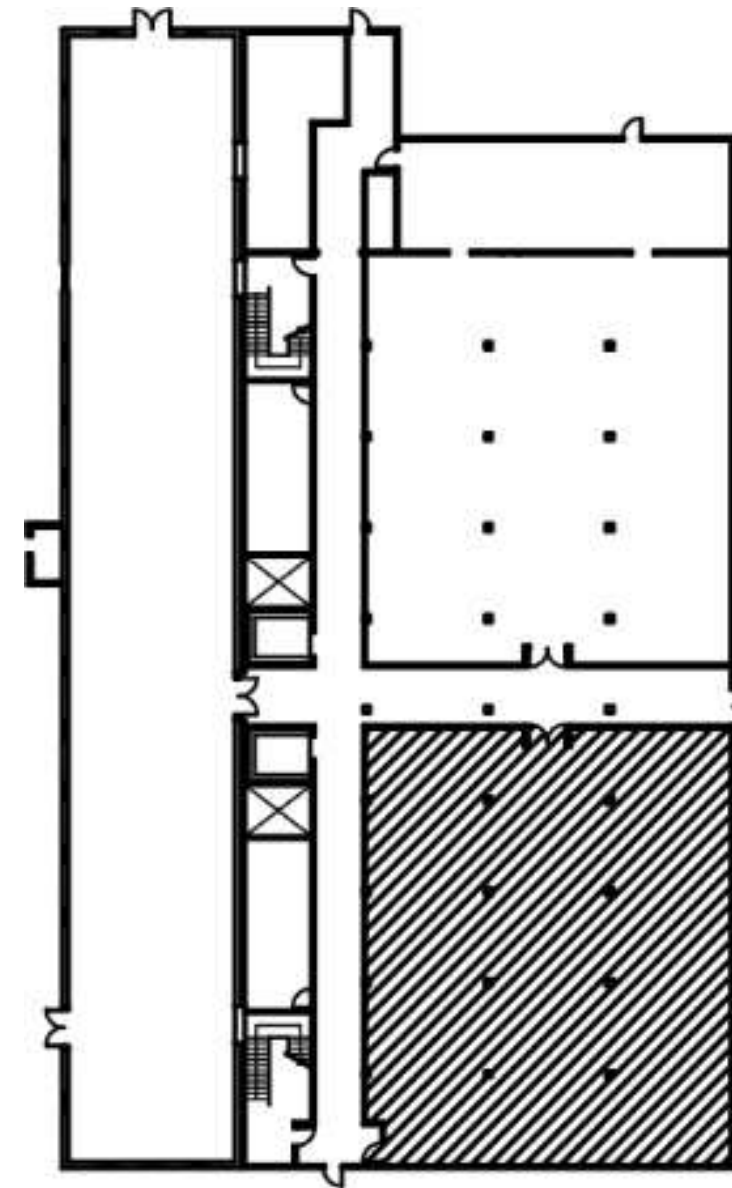
IDSN 2102

SITE PROFILE

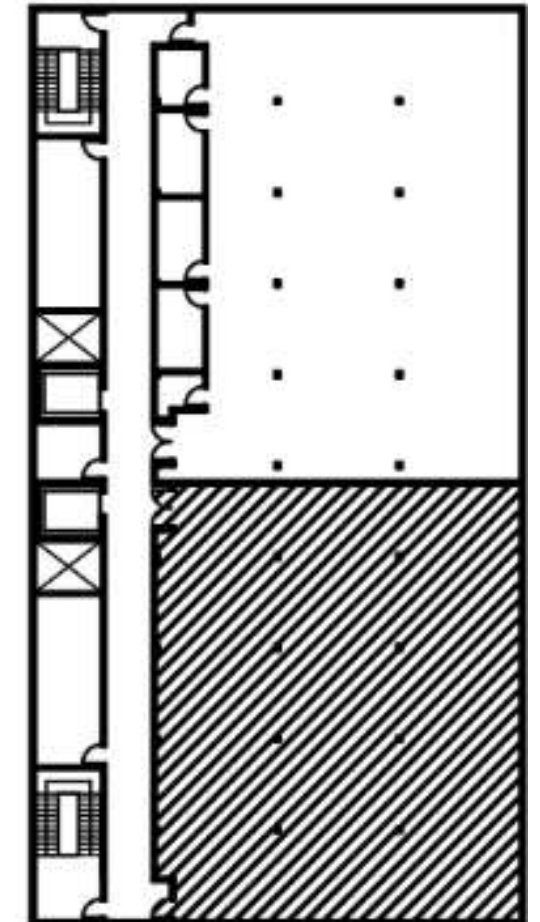
- Pritchard-Hughes Tobacco Building
Pitt and 11th Streets
Greenville NC
- Erected: first quarter of the Twentieth Century
- Heavy timber construction
- Client to occupy tenant space on first and second floors



Building Exterior



1st Floor Tenant Area
4,280 Square Feet



2nd Floor Tenant Area
4,280 Square Feet

CLIENT PROFILE

The Gateway Center is a resource center for exploring the design history of the coastal south. Located in Greenville NC, the Center is a partnership between the North Carolina Department of Natural and Cultural Resources and East Carolina University's Department of History, with major funding from the Golden LEAF Foundation.

This state-of-the-art facility allows visitors and scholars to research the rich history of the region, as evidenced by the implements and furnishings used by residents. Research published and programs conducted by the Center paint a detailed portrait of everyday life in the area

The Center includes:

- Visitor reception area
- Exhibition space
- Meeting rooms with full audio/video capabilities
- Facilities for researchers
- Documentation workroom



*Natural and
Cultural Resources*

North Carolina



Golden LEAF
FOUNDATION



PROGRAM SPREADSHEET

Gateway Center

PERSONNEL

Position	Personnel Totals		Unit Square Ft.		Extended Sq. Feet	Equipment			Notes
	Current	Future	Office	Workstation		PC	Printer	Fax	
					0				
Director	0	1	120		120	1	1		
					0				
Administrative Assistant	0	1		100	100	1	1		Locate directly outside Dir office
					0				
Receptionist	0	1		0	0	1	1		Included in Reception/Waiting
					0				
Visiting Fellows	0	8		48	384	8			Locate away from Entry; 1 Shared printer
					0				
Guest Research Stations	0	70		36	2520				May be split up; 1 Shared printer
					0				
Technicians	0	2	100		200	4	2		Locate near Workroom
					0				
Barista	0	1			0				Included in Pantry
					0				
Personnel Totals:	0	84			3324	15	5	0	

Department Summary

Information:

Personnel	3324 Square Ft.
Support	2360 Square Ft.
Sub Total:	5684 Square Ft.
Circulation	1.54
Total Carpetable:	8753.4 Square Ft.

Interviewee:

Interview Date: _____
 Revision Submitted: _____
 Sign Off: _____

SUPPORT SPACES

Space	Support/Equipment		Unit Square Feet	Extended Sq. Feet	Location	Notes
	Current	Future				
				0		
Reception/Waiting Area	0	1	300	300	Inside main entry; Visible from Admin Asst	Seating for 4 guests
				0		
Large Conference Room	0	1	400	400	Close to main entry	Seating for 14 at table, 6 at side; Full AV
				0		
Small Conference Room	0	3	120	360	Adjacent to Large Conference	Seating for 4-6; Full AV
				0		
Workroom	0	1	360	360	Locate away from Entry	Counter space and work tables
				0		
Storage	0	1	100	100	May be split and scattered through the space	
				0		
Pantry	0	1	240	240		
				0		
Exhibition Space	0	1	600	600	Close to main entry	Some walls for hanging work
Support Totals:				2360		

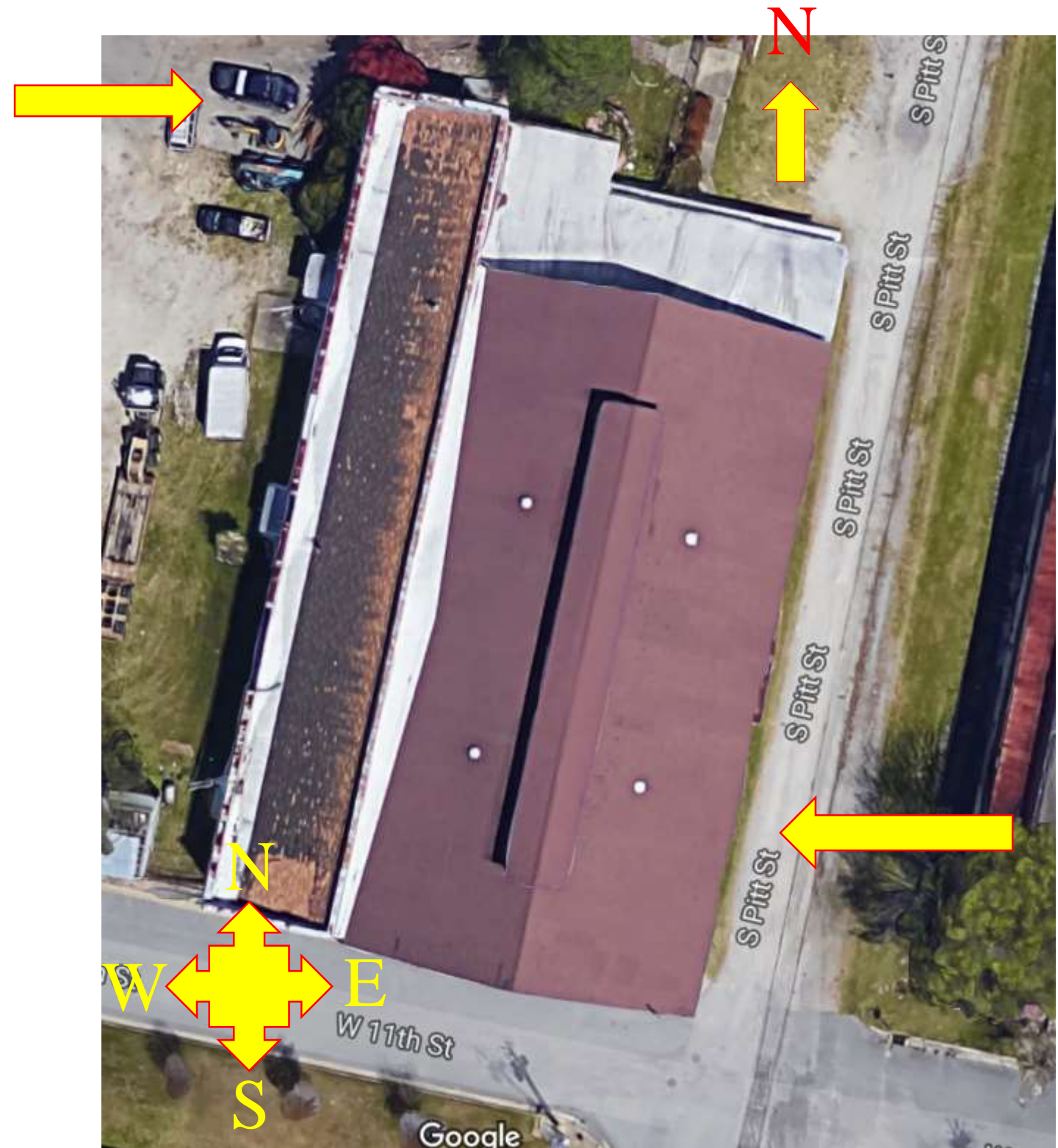
Department Notes:

Historic character important to users
 Space must be flexible

SITE ANALYSIS

Daylight

- N: No direct Sunlight
- S: Continuous Light
- E: Morning Sunlight
- W: Afternoon Sunlight



RESEARCH

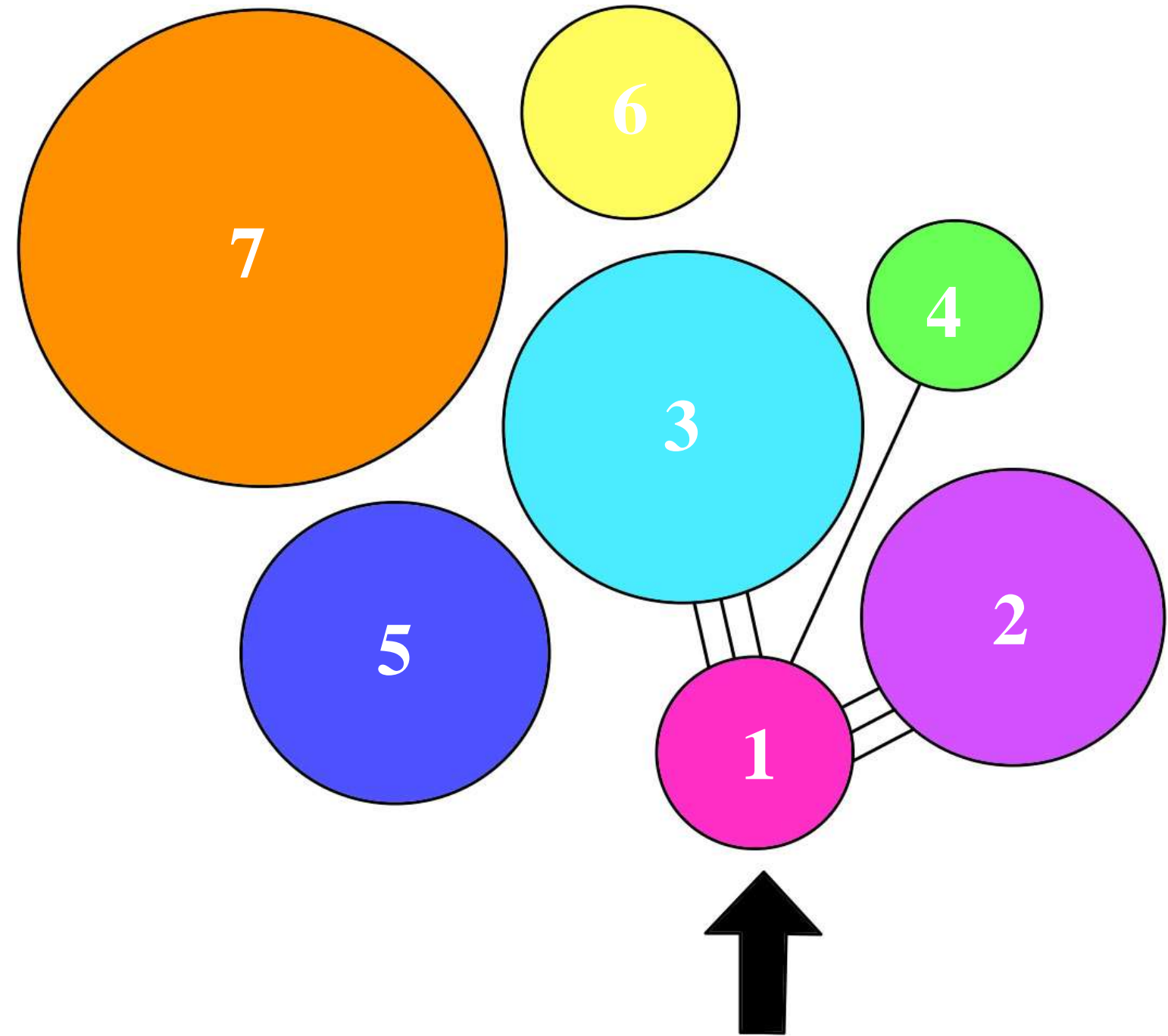
Sustainable Mechanical/Electrical/Plumbing Systems

- For most sustainability, cooling of building provided by a central water system
- Central chiller in lower level where it chills water and supplies it out to other areas
- Best heating uses central hot water boilers
- Solar energy → using sun and wind to create energy; is the best source of energy
- Expensive to store this energy
- Reduces dependence on fossil fuels
- Solar hot-water systems, tank-type water heater, on-demand heater, indirect tank linked to a hot-water boiler
- Solar hot-water system most sufficient
- When there is no sun or wind people would need the energy to be stored; gets expensive and difficult

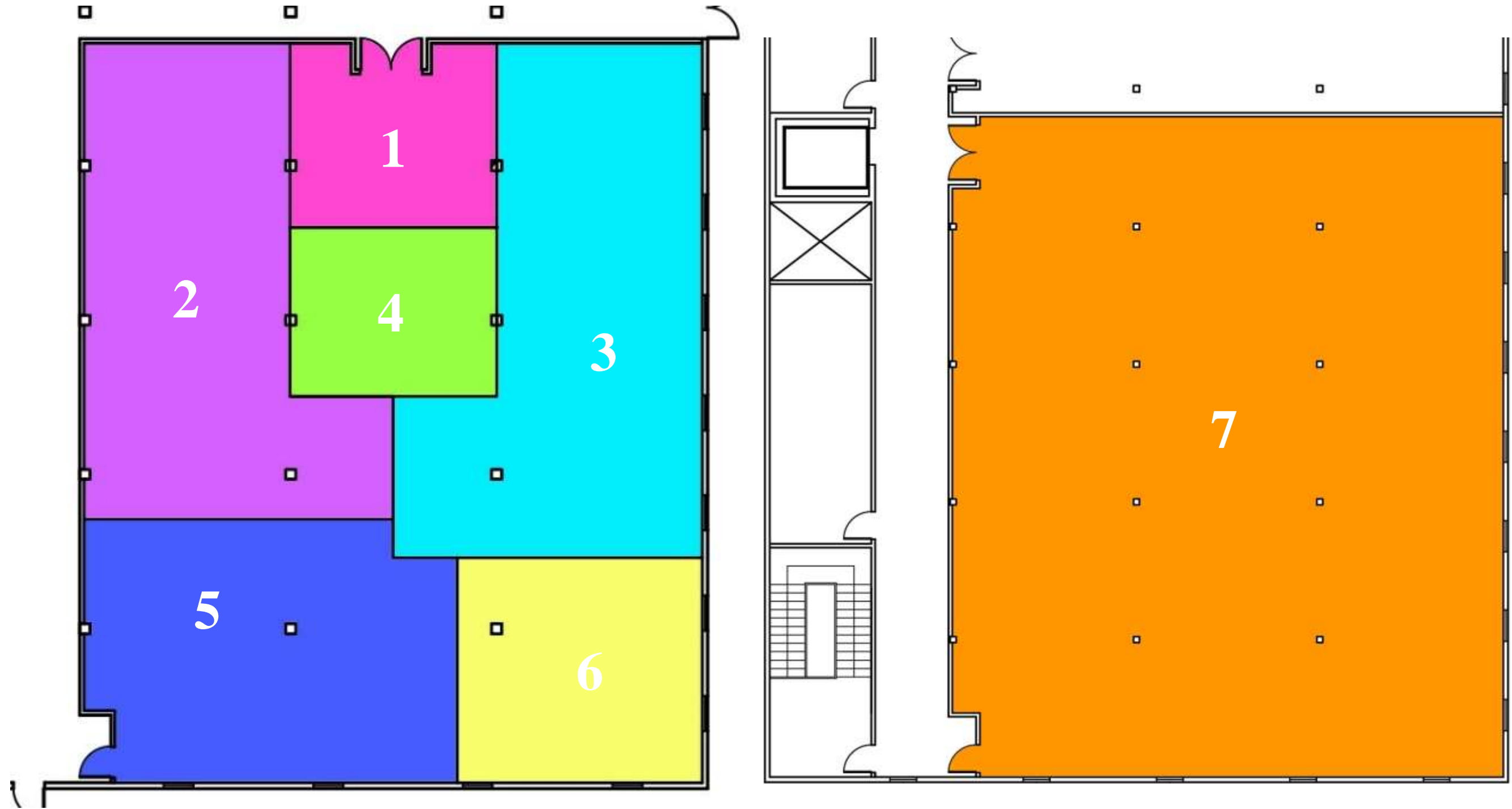


BUBBLE DIAGRAM

- 1. Reception – 462 sq. ft.
- 2. Exhibition Space – 924 sq. ft.
- 3. Conference Rooms – 1078 sq. ft.
- 4. Director & Administrators Office – 338.8 sq. ft.
- 5. Technicians Workroom – 862.4 sq. ft.
- 6. Storage – 523.6 sq. ft.
- 7. Guest Research Stations – 4472.16 sq. ft.

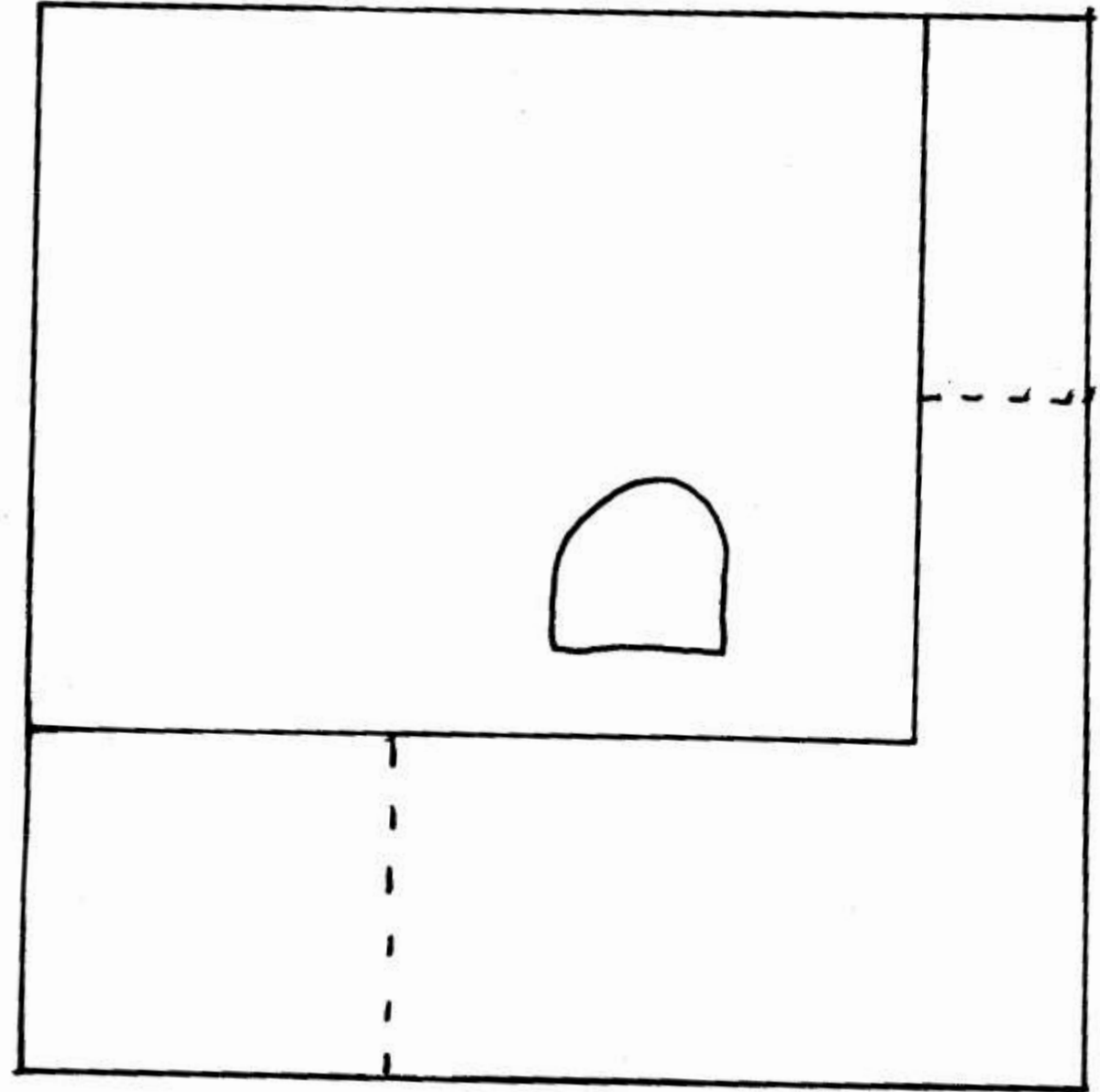
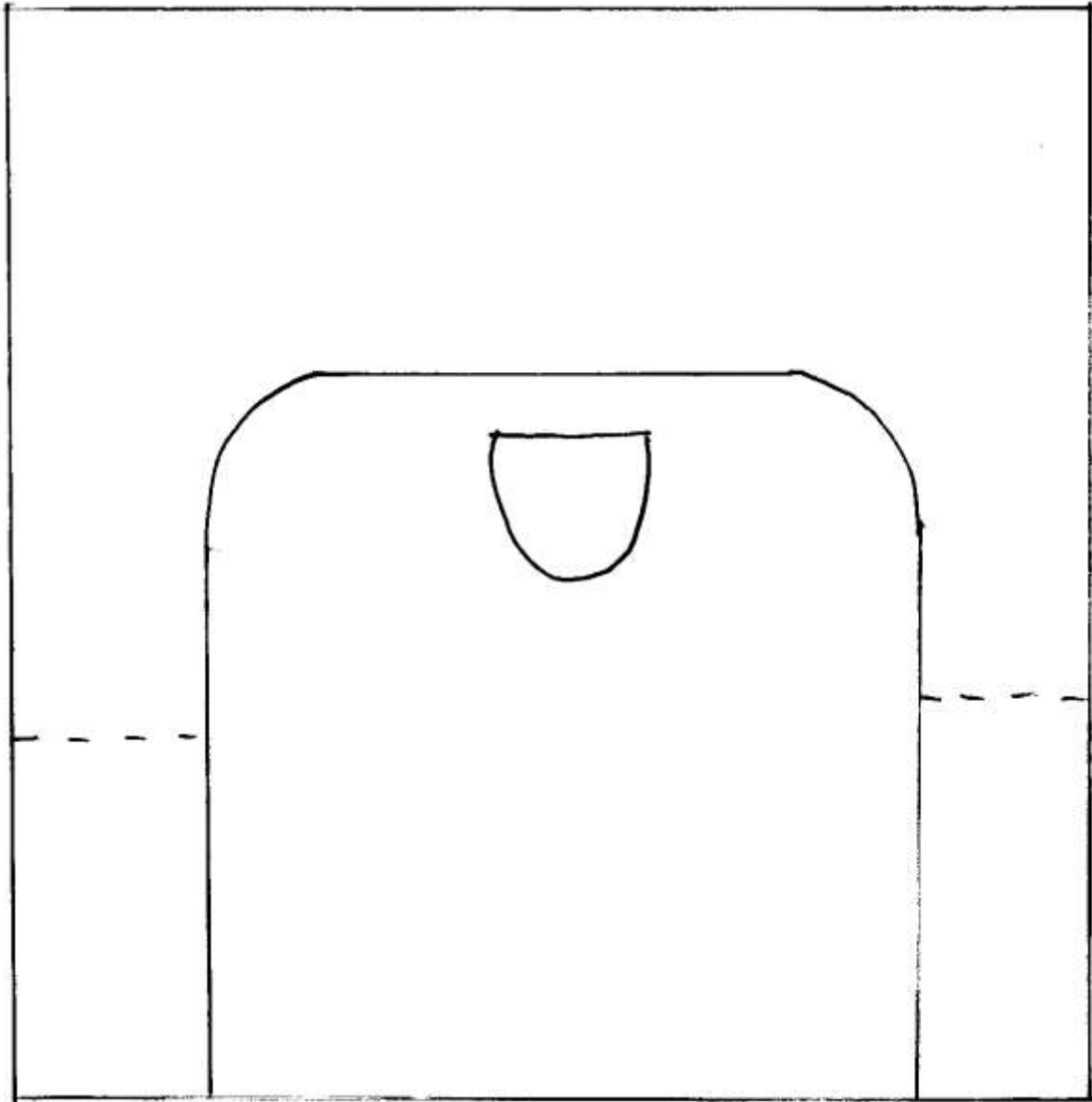


BLOCKING DIAGRAM

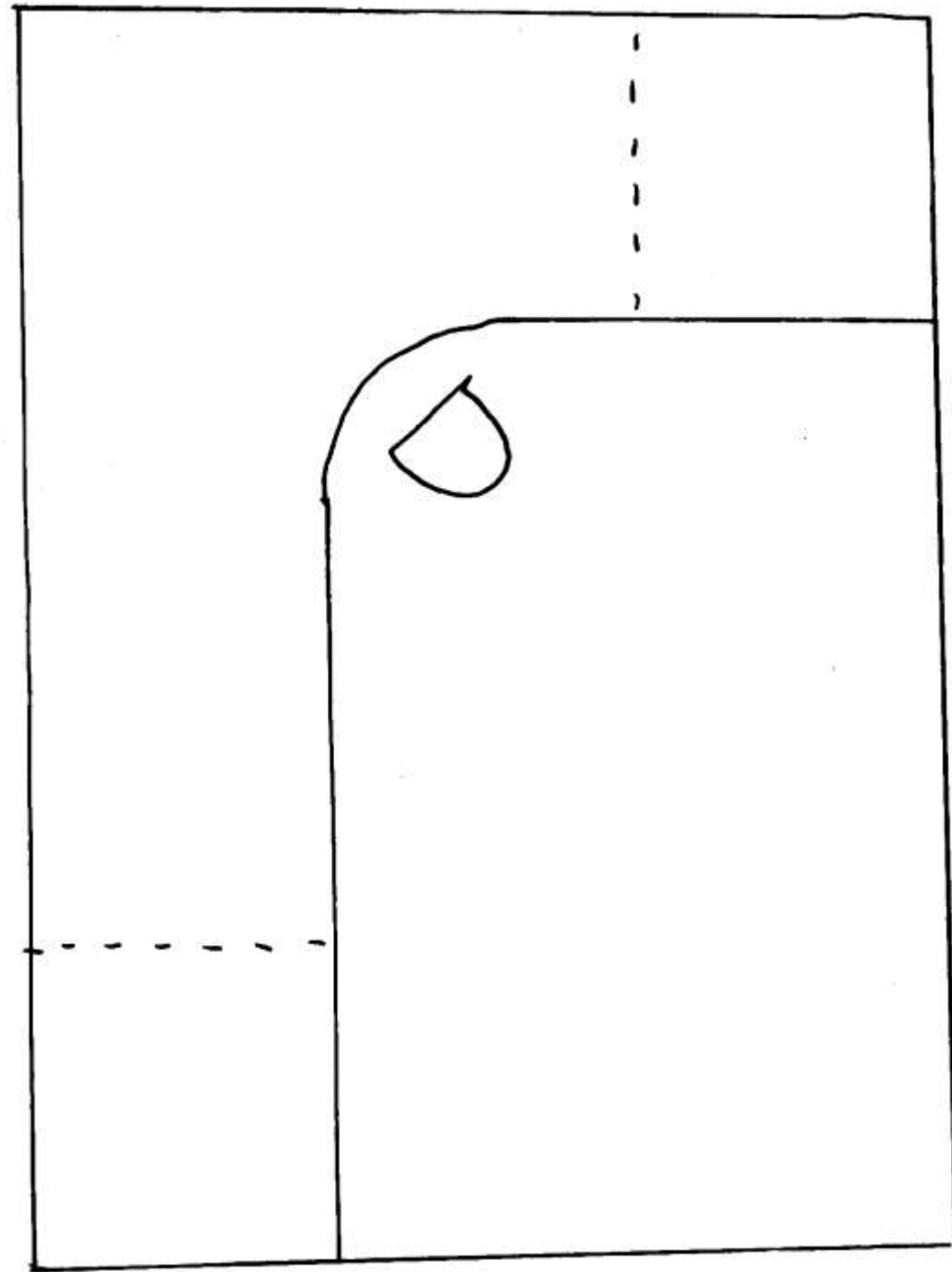
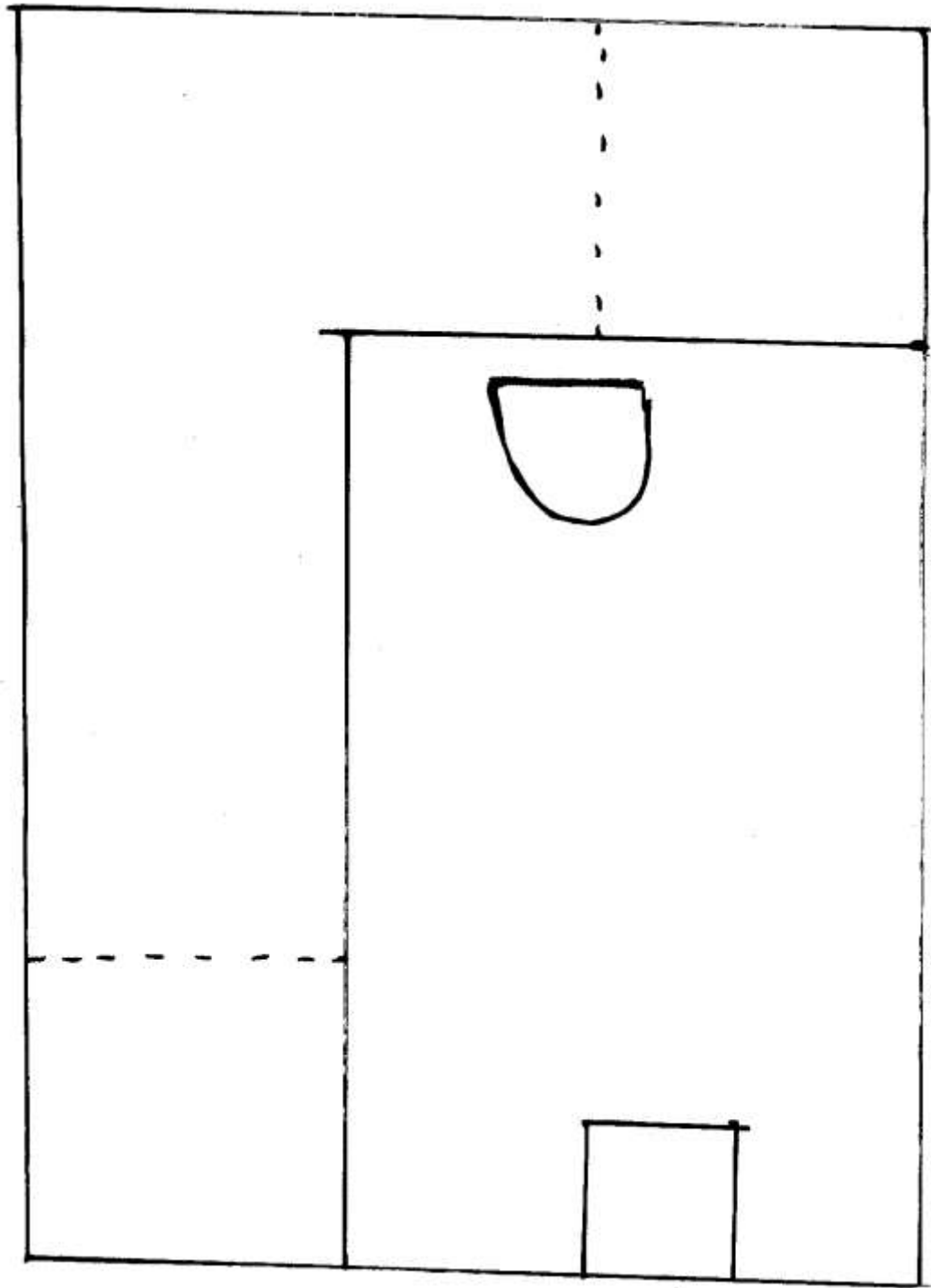


SPACE STANDARD DRAWINGS

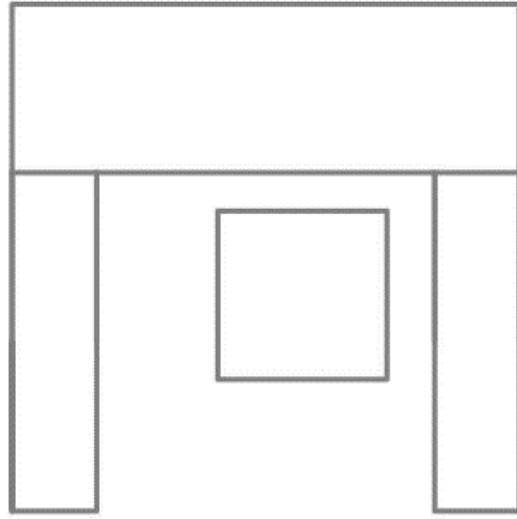
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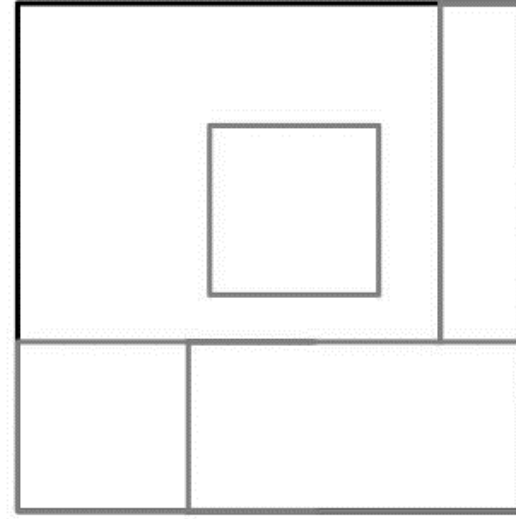
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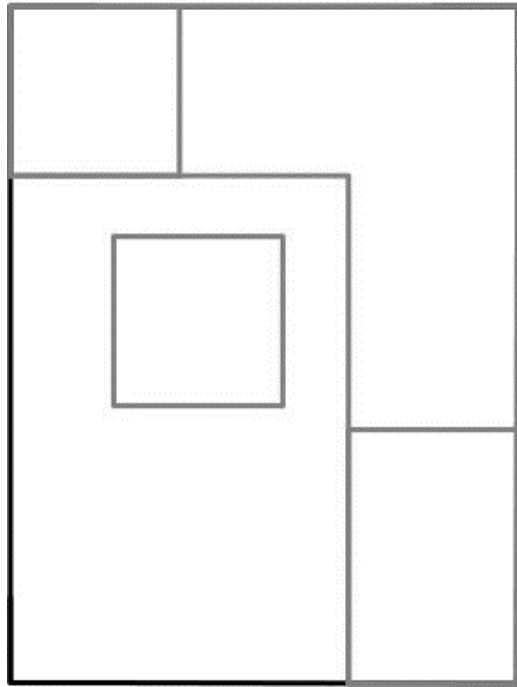
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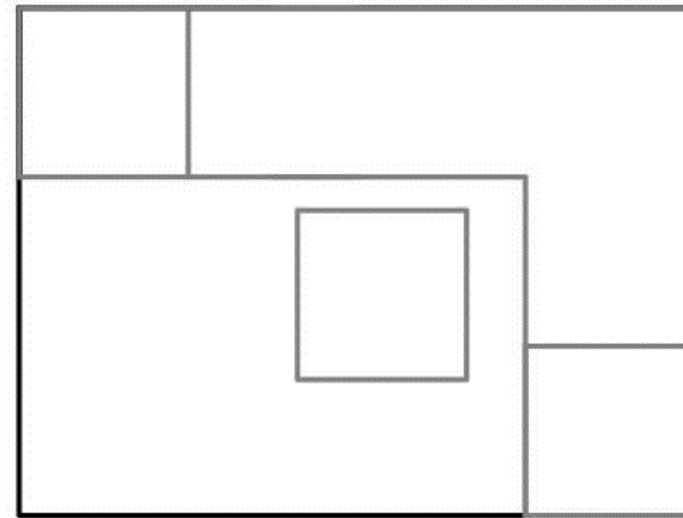
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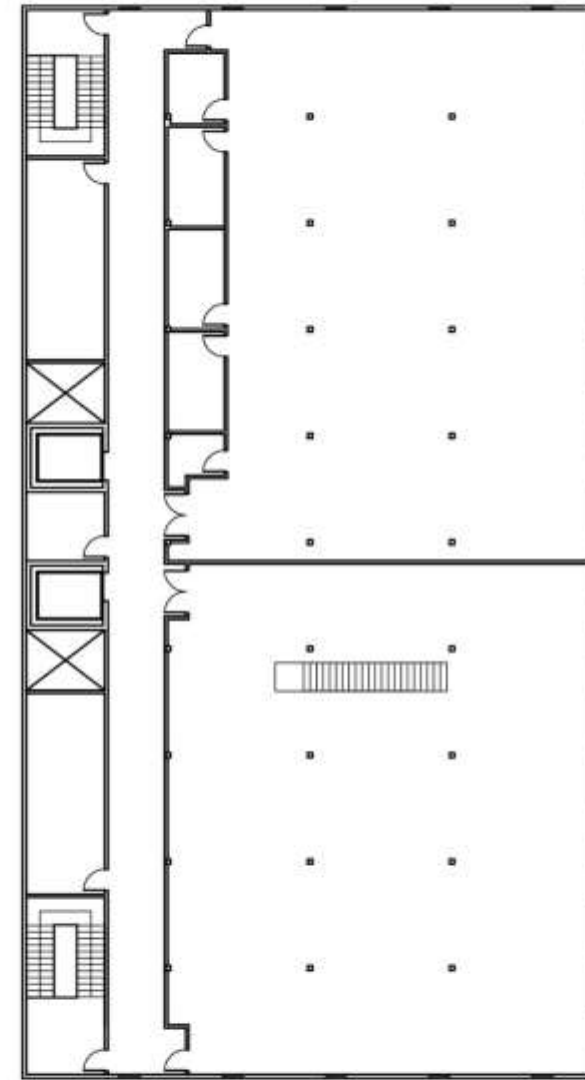
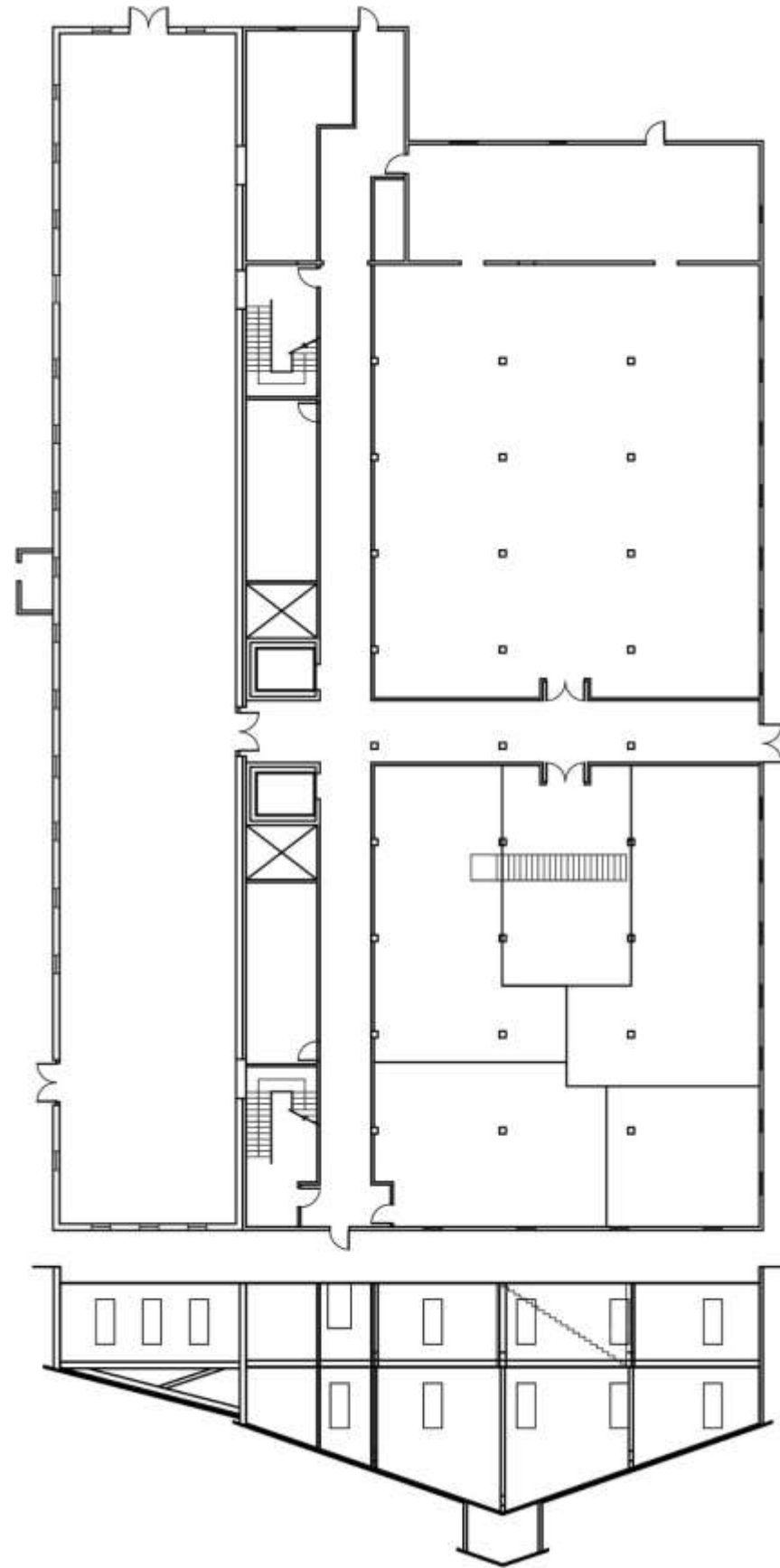
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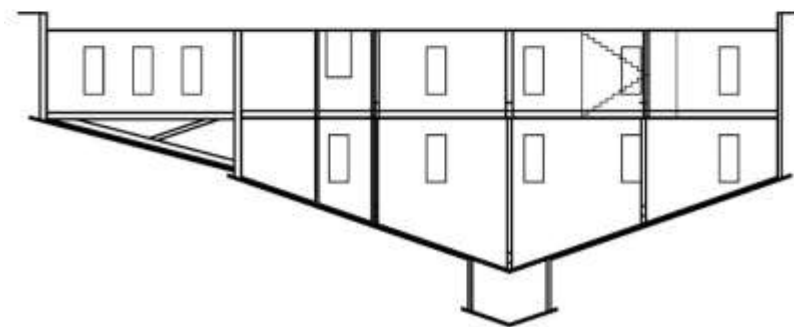
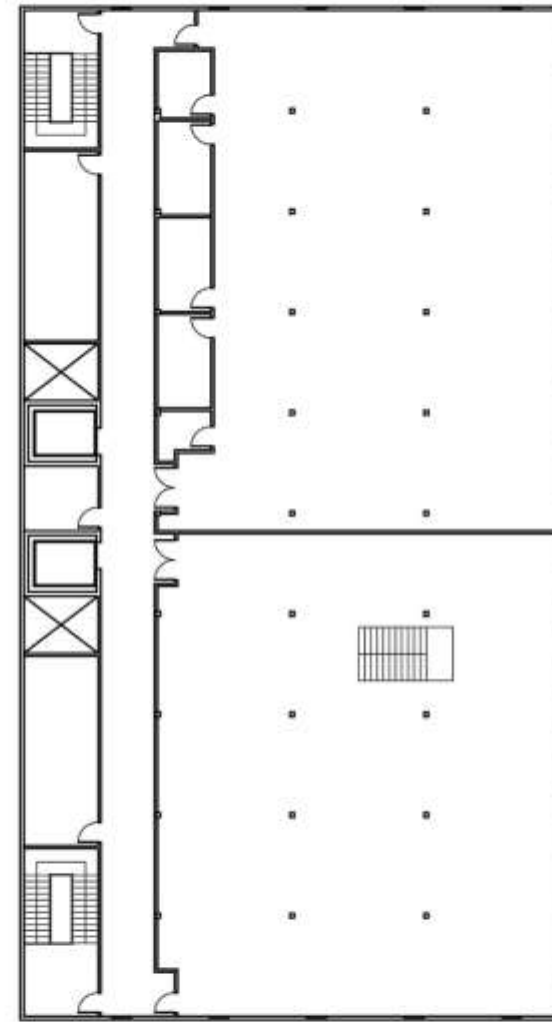
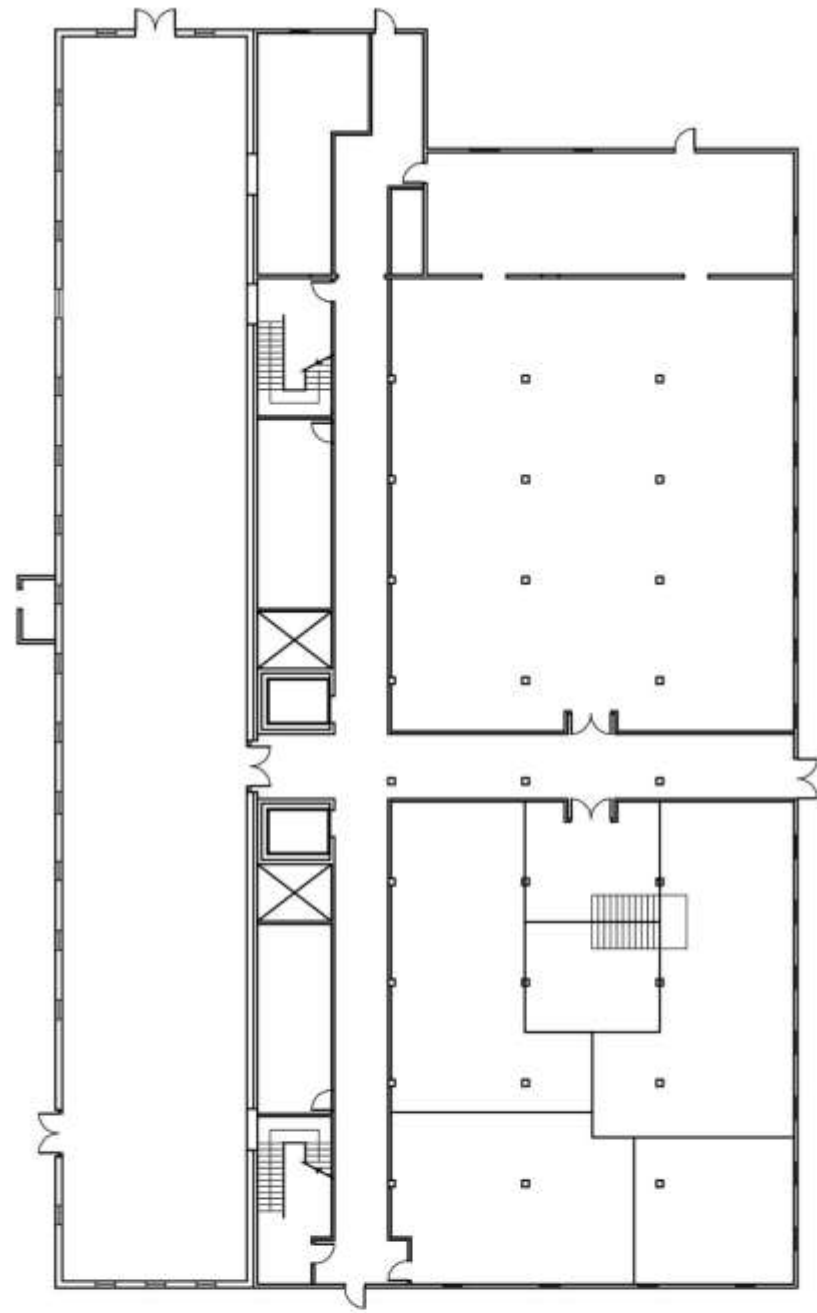
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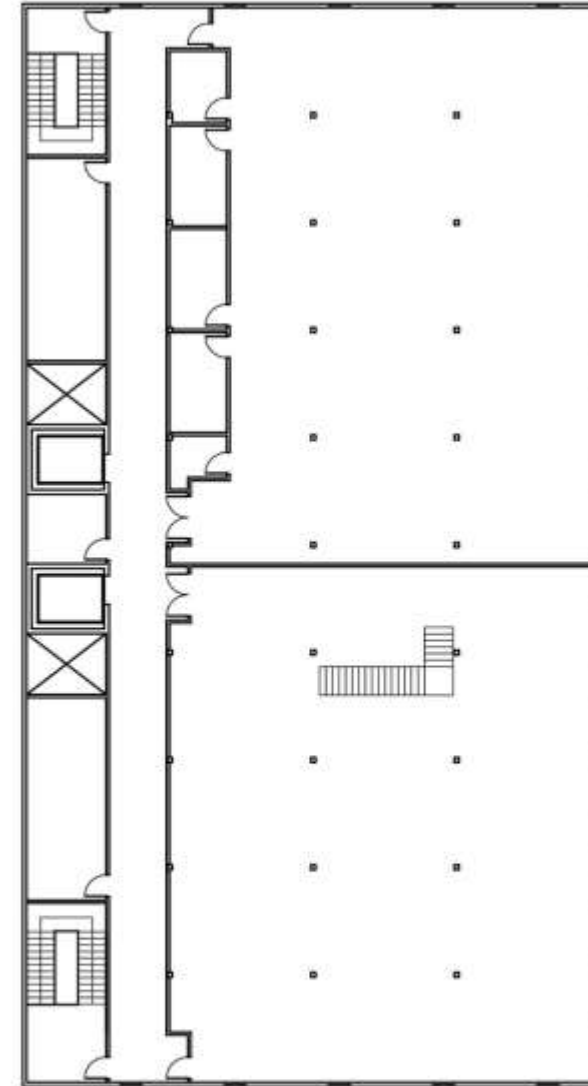
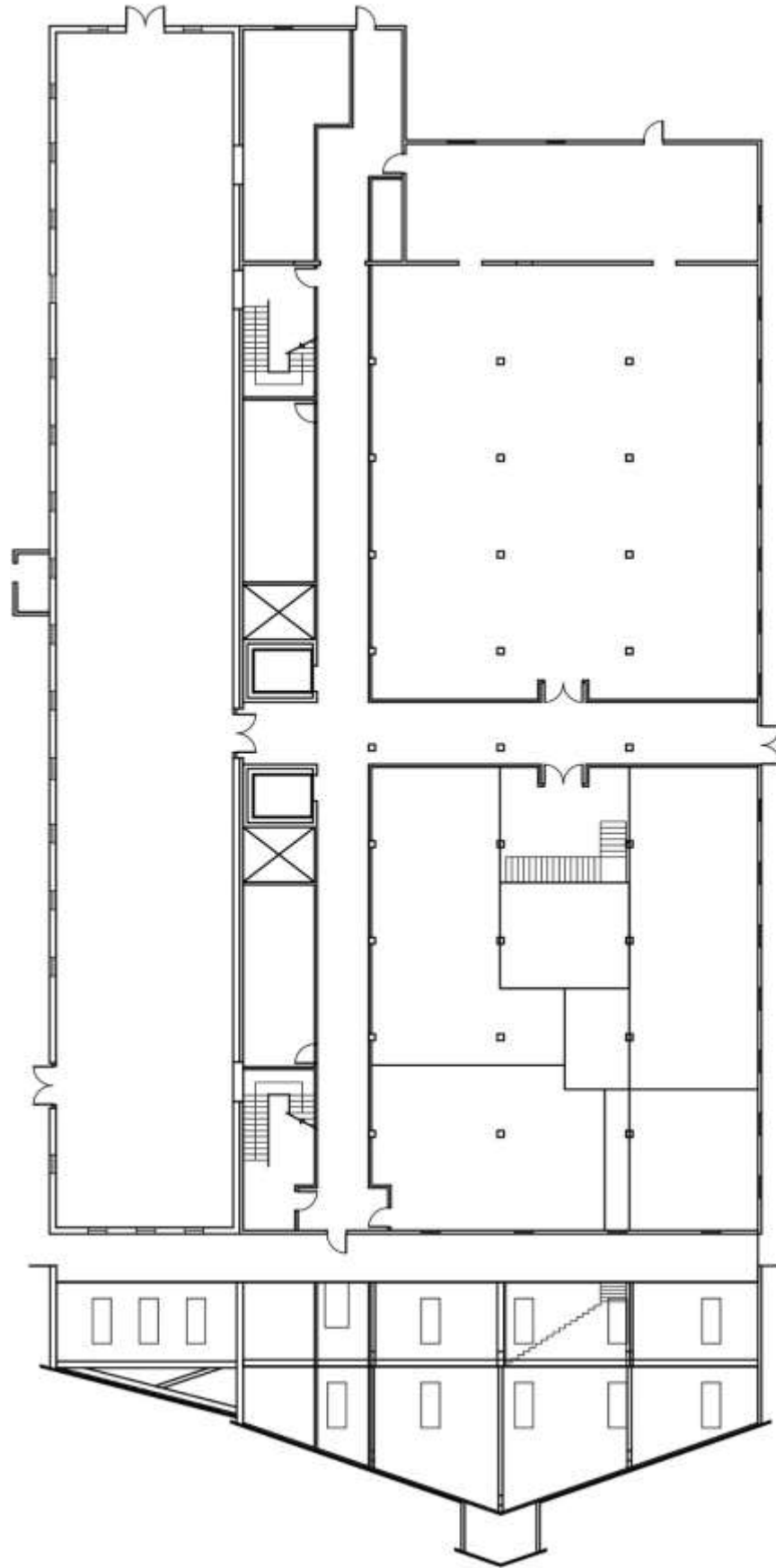
PLAN AND SECTION – STRAIGHT STAIR



PLAN AND SECTION – SCISSOR STAIR

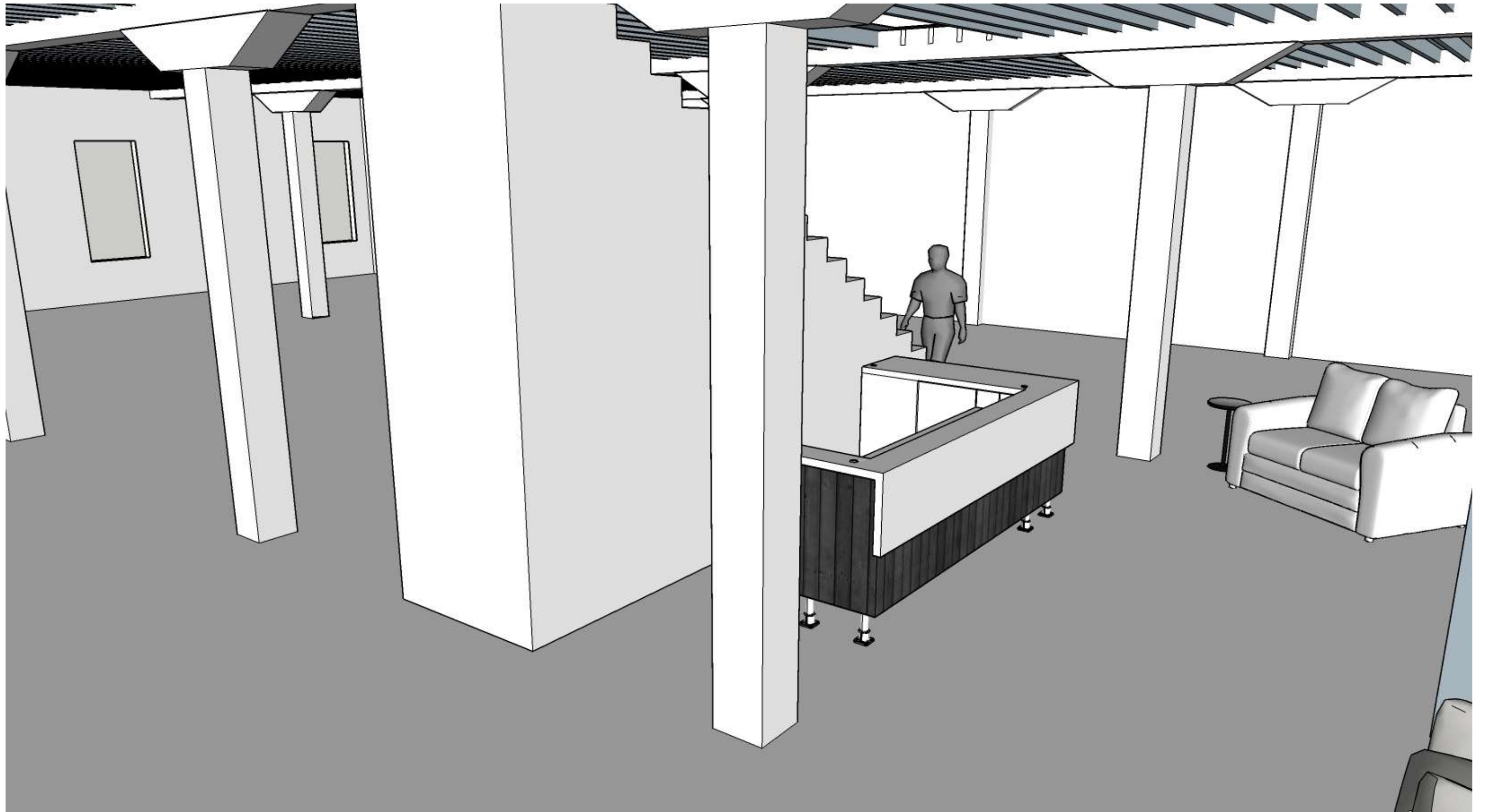


PLAN AND SECTION – L SHAPE STAIR



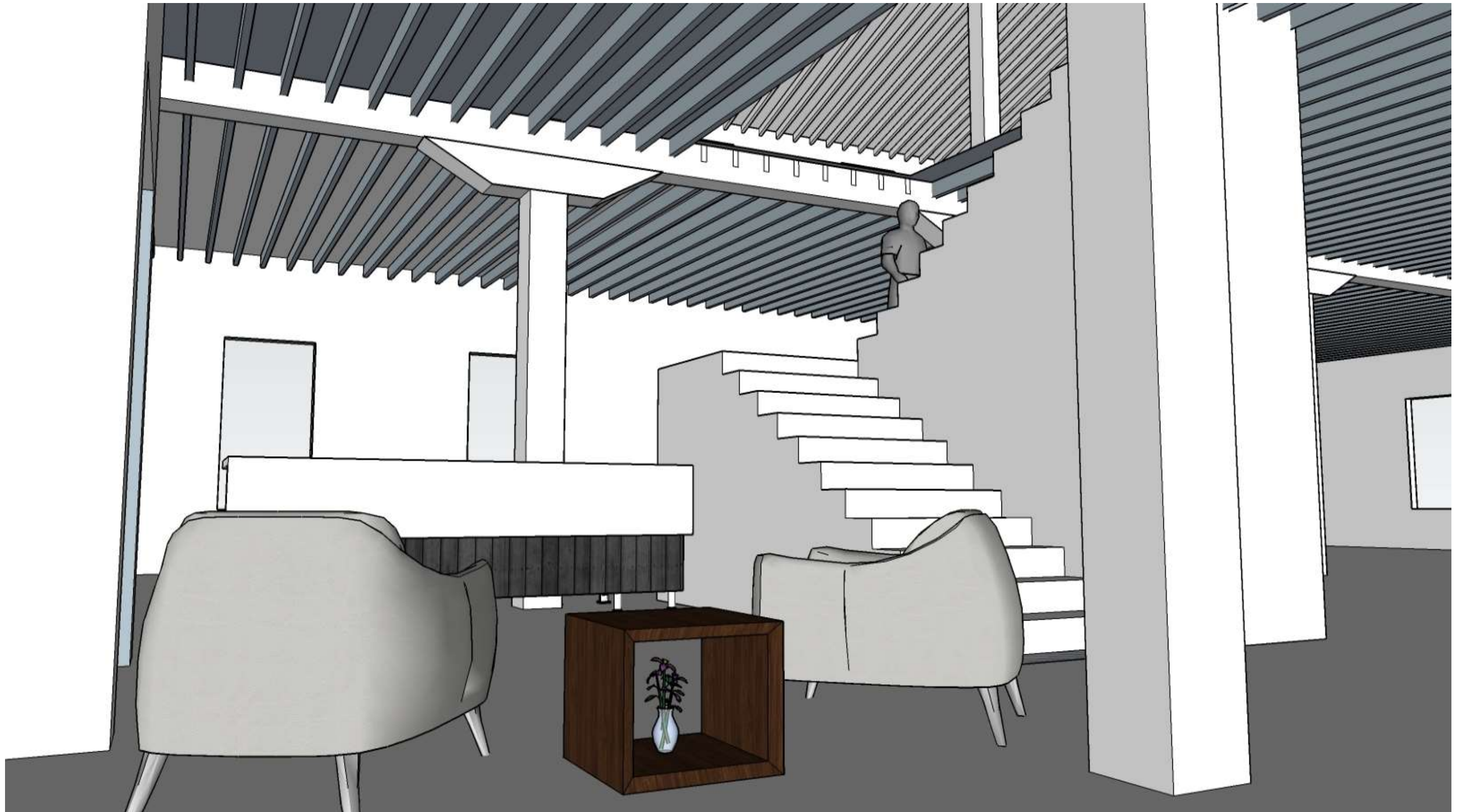
PERSPECTIVE – STRAIGHT STAIR





PERSPECTIVE – SCISSOR STAIR





PERSPECTIVE – L SHAPE STAIR

