



DUPLEXITY

STUDIO VIOZ

A grayscale map of a city area, likely a satellite or architectural rendering. The map shows a dense grid of streets and various building footprints. A specific cluster of buildings in the center-left is filled with a dark gray color, while the rest of the buildings are in a lighter shade. A thick black line, possibly representing a road or a railway track, runs diagonally across the lower portion of the map, intersecting several street grids.

CONSULTANTS

Project No :
Drawn : Chitika V. Date : 12/09/2019
Checked : Akhil B. Scale : N/A
Sheet Title : SHEET LIST

Drawing Number : G-000

SHEET NO.	TITLE	SCALE
G-000	Cover Sheet	N/A
G-001	Sheet List	N/A
G-002	Code Summary	N/A
G-003	Sustainability Targets	N/A
A-001	Site Plan	1" = 20'
A-101	First Floor Plan	1/8" = 1'-0"
A-102	Second Floor Plan	1/8" = 1'-0"
A-103	Residential Floor Plans (Floors 3 & 4)	1/8" = 1'-0"
A-104	Residential Floor Plans (Floors 5 & 6)	1/8" = 1'-0"
A-105	Residential Floor Plans (Floors 7 & 8)	1/8" = 1'-0"
A-106	Residential Floor Plans (Floors 9 & 10)	1/8" = 1'-0"
A-107	Residential Floor Plans (Floors 11 & 12)	1/8" = 1'-0"
A-108	Residential Floor Plans (Floors 13 & 14)	1/8" = 1'-0"
A-109	Residential Floor Plans (Floors 15 & 16)	1/8" = 1'-0"
A-151	Enlarged Unit Plans	1/4" = 1'-0"
A-152	Enlarged Unit Plans	1/4" = 1'-0"
A-201	Building Elevation (East)	1/8" = 1'-0"
A-202	Building Elevation (North and South)	1/8" = 1'-0"
A-203	Building Elevation (West)	1/8" = 1'-0"
A-301	Building Cross Section	1/8" = 1'-0"
A-302	Building Longitudanal Section	1/8" = 1'-0"
A-401	Systems Sheet: Site Details	Varies
A-402	Systems Sheet: Green Roof	Varies
A-403	Systems Sheet: Curtain Wall	Varies
A-404	Systems Sheet: Facade	Varies

DUPLEXITY
East Liberty,
Pittsburgh, PA 15206

East Liberty,
Pittsburgh PA 15206

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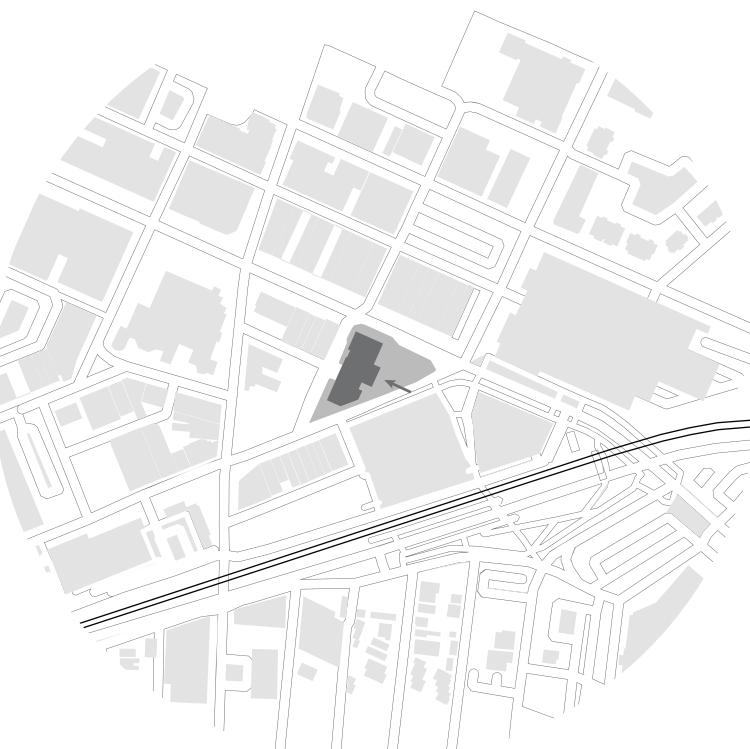
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Project No :
Drawn : Chitika V. Date : 12/09/2019
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Sheet Title : SHEET LIST

G-001

DUPLEXITY

East Liberty,
Pittsburgh, PA 15206

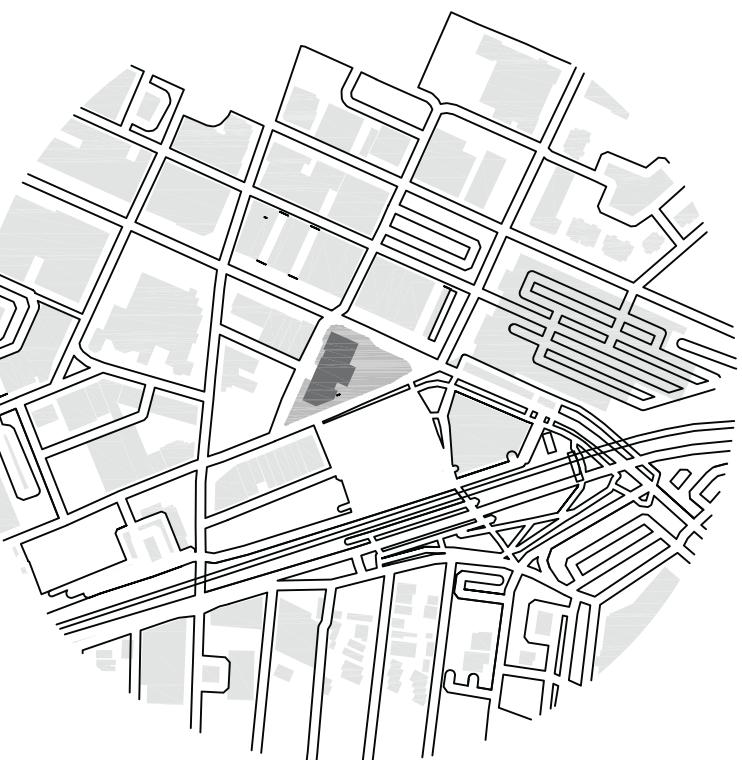
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STUDIO VIZ

5000 Forbes Avenue,
Pittsburgh, PA, US 15217

CONSULTANTS

Project No : Drawn : Chitika V. Date : 12/09/2019
Checked : Akhil B. Scale : N/A
Sheet Title : CODE SUMMARY

ITEM	ISSUE	CHAPTER/ARTICLE	ORDINANCE/ REQUIREMENT	ACTUAL	REMARKS
Zoning Requirements					
1.01	Zoning District		UNC 84-C-46 84-C-51		
1.02	Lot Area		28,346 SF		
1.03	Project F.A.R		10.0 Max		
1.04	Building Area		283,460 SF		
1.05	Building Height		275'-0" Mx to underside of top habitable floor 299'-0" Max overall height with reference from the public way		
1.06	Setbacks		12'-0" required setback at cornice elevation of 100 Sridan Square bldg 10'-0" required setback at top floor elevation of Baum Sq parking garage Penn Ave 15'-0" required setback at cornice elevation of 6101 Penn Ave bldg 25'-0" required setback at +150'-0" elevation Centre Ave 5'-0" required setback at Grade 15'-0" required setback at roof elevation of East End Bond 20'-0" required setback at +180'-0" elevation		
1.07	Loading Zone	914.10.A	According to 914.10.A, the minimum off-street loading required for multi-unit residential above 250,001 sqft is 4 loading zones.		
1.07		914.10.C.5	Each required off-street loading space shall be a minimum of ten (10) feet in width and twenty-five (25) feet in length, provided that a greater length shall be required whenever necessary to ensure that no vehicle using the space extends beyond a property line.		
Building Requirements					
2.01	Occupancy Classification	310.1	Group R-2- Residential Group B - Business Group M - Mercantile		
2.02	Construction Type	601	Type I-A		
2.03	Maximum Number of Stories		UL UL UL		
2.03	a) Group B				
2.03	b) Group R-2				
2.03	c) Group M	504.4			
2.04	Allowable Area		UL UL UL		
2.04	a) Group B				
2.04	b) Group R-2				
2.04	c) Group M	506.2			
2.05	Building Elements		3 HR 3 HR 3 HR 3 HR 3 HR 2 HR 1.5 HR		
2.05	a) Primary Structure Frame				
2.05	b) Bearing Wall Exterior				
2.05	c) Bearing Wall Interior				
2.05	d) Non Bearing Walls and Partitions Interior				
2.05	e) Floor Construction and Associated Secondary Members				
2.05	f) Roof Construction and Associates Secondary Members	601			
2.06	Fire Wall Fire- Resistance Ratings		3 HR 3 HR 3 HR		
2.06	a) Group B				
2.06	b) Group R-2				
2.06	c) Group M	706.4			
2.07	Fire Barriers Fire- Resistance Rating		2 HR 2 HR 2 HR		
2.07	a) Group B				
2.07	b) Group R-2				
2.07	c) Group M	707.3.10			
2.08	Horizontal Building Separation Allowances		>3 HR >2 HR		Space below the separation space must be construction type1A.
2.08	a) Horizontal Separation Space	510.2			
2.08	b) Shaft, Stairway, Ramp, Elevator Enclosure in the Space	420.2			
2.09	Separation Walls	708.1	Required between individual dwelling units		
2.10	Chute Enclosure	713.13.3	>1 HR		
2.11	Shaft Enclosure	403.2.12 713.4	>2 HR/ >1HR w/ Sprinkler		>2 HR for four or more stories. >1 HR for less than four stories.
2.12	Elevator Enclosure	403.2.12 713.4	>2 HR/ >1HR w/ Sprinkler		>2 HR for four or more stories. >1 HR for less than four stories.
2.13	Escalator Opening	712.1.3	Vertical opening allowed with proper sprinkler systems		
2.14	Fire Partition for Corridor	706.5	>1 HR		
2.15	Storage	418.6	>2 HR		
2.16	Interior Exit Corridor Rating		Occupancy R-2 Class B/ Class C w/ Sprinkler Class B/ Class C w/ Sprinkler Class C/ Class C w/ Sprinkler		Occupancy B/ Occupancy M Class A/ Class C w/ Sprinkler Class B/ Class C w/ Sprinkler Class C/ Class C w/ Sprinkler
2.16	a) Interior exit safety, ramp, and exit passageways				
2.16	b) Corridors and enclosure for egress				
2.16	c) Room and enclosed spaces	803.11			
2.17	Interior Finishes	804.4.2	>Class II		
2.18	Roof Coverings	1505.1	Class B		
High-Rise Building					
3.01	Reduction in Fire-Resistance Rating	403.2.1.1	With proper sprinkler system, fire resistance rating can be reduced to the minimum.		
3.02	Sprayed Fire Resistant Materials(SFRM)	403.2.4	Bond strength >430psf		
3.03	Automatic Sprinkler System	403.3	Must contain automatic sprinkler systems		Sprinkler systems must connect to two water mains from different streets.
3.04	Emergency Systems	403.4	Must contain smoke detection and fire alarm systems		
3.05	Compartmentation	709.4	Not required w/ sprinkler system and fire-rated walls		
3.06	Fire Command Panel Location	911.1	Specified location approved by the fire department		
3.07	Voice Communication Systems	907.5.2.2	Emergency voice system should operate on the alarming floor and at least the floor below and below it.		
3.08	Mechanical Ventilation	910.2	Smoke ventilation is not required in spaces with sprinkler systems		
3.09	Stairwell Identification	1009.1	Directional signage provided at elevator landings, areas of refuge, and accessible egress		
3.10	Area of Rescue Assistance	1009.9	Appropriate signage complying with ICC A117.1 must be provided for areas of refuge		
3.11	Roof Access	909.2 IFC 1011.12	In buildings with four stories or more, one staircase shall extend to the roof		Stairway to roof must be through a smoke-proof enclosed space.

ITEM	ISSUE	CHAPTER/ARTICLE	ORDINANCE/CODE REQUIREMENT	ACTUAL	REMARKS
Exit Requirement					
4.01	Remoteness of Interior Exit Stairways	403.5.1	REQUIRED INTERIOR EXIT STAIRWAYS SEPARATED AT A MIN 30' DISTANCE OR NOT LESS THAN 1/4 OF LENGTH OF MAX. OVERALL DIAGONAL DIM.		
4.04	Stairway Communication System	403.5.3.1	REQUIRED TWO-WAY COM SYSTEM AT MIN EVERY FIFTH FLOOR		
4.05	Elevators	403.6.1	EACH FIRE SERVICE ACCESS ELEVATOR SHALL HAVE A CAPACITY OF NOT LESS THAN 3500 LBS		
4.06	Number of Exits	405.7	EACH FLOOR SHALL BE PROVIDED A MIN. OF 2 EXITS		
4.07	Smokeproof Enclosure	405.7.2	EVERY REQ. STAIRWAY SERVING FLOOR LEVELS MORE THAN 30' BELOW THE FINISHED FLOOR OF ITS LEVEL OF EXIT DISCHARGE SHALL COMPLY WITH REQ. SMOKEPROOF ENCLOSURE		
4.08	Occupant Load Factor				
4.08	a) Group R-2 - Residential		200 Gross		
4.08	b) Group B - Business		100 Gross		
4.08	c) Group M - Mercantile	1004.1	60 Gross		
4.09	Types of Exits	1002	TO EXTERIOR		
4.10	Minimum Number of Exits				
4.10	a) Group R-2 - Residential		OCCUPANT LOAD PER STORY 1-500; 2 MIN NUMBER OF EXITS		
4.10	b) Group B - Business		ONE		
4.10	c) Group M - Mercantile	1006.31	ONE		
4.11	Arrangement & Location of Exits				
4.11	Travel Distance to Exit				
4.11	a) Group R-2 - Residential		1003.7		
4.11	b) Group B - Business		1005.4		
4.11	c) Group M - Mercantile	1020.3	NO OBSTRUCT. OR PROTRUDING OBJ. ANY EXIT MIN WIDTH/REQ. CAPACITY SHALL NOT BE REDUCED OF TRAVEL UNTIL PUBLIC WAY		
4.12	Dead-end Corridors				
4.12	SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY				Exceptions: Building equipped with automatic sprinkler system, length of the dead-end corridors shall be 50' max.
4.13	Exit Width (Rel. to Largest Occupancy)				
4.13	a) Corridor	1020.2	MIN. 44"		
4.13	b) Dwelling Unit		MIN. 36"		
4.14	Stair Capacity	1005.3.1	0.3* OCCUPANT LOAD		
4.16	Door Capacity				
4.17	Minimum Door Dimension	1010.1.1	32" MIN. CLEAR WIDTH 80" MIN HEIGHT		
4.18	Door Design Gen. Req's	1010.1.2.1	SWING DIR. OF EGGS TRAVEL		
4.19	Landings				
4.19	a) Min. Width		48" MIN.		
4.19	b) Min. Landing Length		44" MIN. TRAVEL LENGTH		
4.19	c) Max. Landing Reduction Due To Door Swing		LEVEL LANDING ON EACH SIDE OF A DOOR;		
4.19	d) Area of Refuge	1010.1.5 1010.1.6	LANDINGS SHALL HAVE AT LEAST THE SAME WIDTH OF THE STAIRWAY OR DOOR;		
4.19	e) Max. Vert. Dist. Between Landings	1009.6.4	AREA OF REFUGE SHALL BE SEPARATED FROM THE REMAINDER OF THE STORY BY SMOKE BARRIER;		
4.19			80" MIN. NOT MORE THAN 50% OF CEILING AREA OF EGGS SHALL BE REDUCED IN HEIGHT BY PROTRUDING OBJECTS;		
4.20	Stair Headroom	1003.3.1 1003.2	76" MIN. CEILING HEIGHT OF EGGS		
4.21	Treads	1011.5	MIN. 11"		
4.22	Risers		MAX. 7"		
4.23	Handrails	1012.8	MIN. 4"		
4.23			RAMPS WITH RISE AT LEAST 6" SHALL HAVE HANDRAILS ON BOTH SIDES		
4.24	Guardrails				
4.24	ELEVATION CHANGE				
4.24	a) Height	1003.5	SLOPED SURFACES FOR ELEVATION LESS THAN 12"; UNIFORM HEIGHT BETWEEN 34" AND 38";		
4.24	b) Location	1014.1	UNIFORM ALTERNATING TREAD DEVICES ABOVE TREAD		
4.24	c) Exceptions	1014.2	NOSINGS BETWEEN 30" AND 34"		
4.24	d) Graspability	1014.3	PERMITTED TO EXCEED MAX. HEIGHT FOR CONTINUOUS TRANSITION BETWEEN FLIGHTS;		
4.24			TYPE I CIRCULAR DIAMETER BETWEEN 1 1/4" AND 2"		
4.25	Grade Level Exit Req's	1011.2	MIN. 44"		
4.26	Construction		TYPE I-A		
4.27	Emergency and Exit Lighting; Directional Signage	1009.1	AT EXITS, AT ELEVATOR LANDINGS, AREAS OF REFUGE		



LEED v4 for BD+C: New Construction and Major Renovation

Project Checklist

Y ? N

				Integrative Process	1
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5	7	0	Location and Transportation	16
			LEED for Neighborhood Development Location	16
1			Sensitive Land Protection	1
1			High Priority Site	2
2	3		Surrounding Density and Diverse Uses	5
	3		Access to Quality Transit	5
1			Bicycle Facilities	1
1			Reduced Parking Footprint	1
			Green Vehicles	1

2	4	0	Sustainable Sites	10
Y			Construction Activity Pollution Prevention	Required
1			Site Assessment	1
1			Site Development - Protect or Restore Habitat	2
1			Open Space	1
			Rainwater Management	3
2			Heat Island Reduction	2
1			Light Pollution Reduction	1

1	7	0	Water Efficiency	11
Y			Outdoor Water Use Reduction	Required
Y			Indoor Water Use Reduction	Required
Y			Building-Level Water Metering	Required
	1		Outdoor Water Use Reduction	2
	6		Indoor Water Use Reduction	6
			Cooling Tower Water Use	2
1			Water Metering	1

10	14	7	Energy and Atmosphere	33
Y			Fundamental Commissioning and Verification	Required
Y			Minimum Energy Performance	Required
Y			Building-Level Energy Metering	Required
Y			Fundamental Refrigerant Management	Required
6			Enhanced Commissioning	6
12	6		Optimize Energy Performance	18
1			Advanced Energy Metering	1
2			Demand Response	2
2	1		Renewable Energy Production	3
1			Enhanced Refrigerant Management	1
			Green Power and Carbon Offsets	2

Project Name: Duplexcity Apartments

Date: 12/09/2019

8	3	1	Materials and Resources	13
Y			Storage and Collection of Recyclables	Required
Y			Construction and Demolition Waste Management Planning	Required
	3	1	Building Life-Cycle Impact Reduction	5
2			Building Product Disclosure and Optimization - Environmental Product Declarations	2
2			Building Product Disclosure and Optimization - Sourcing of Raw Materials	2
2			Building Product Disclosure and Optimization - Material Ingredients	2
2			Construction and Demolition Waste Management	2

4	5	4	Indoor Environmental Quality	16
Y			Minimum Indoor Air Quality Performance	Required
Y			Environmental Tobacco Smoke Control	Required
1			Enhanced Indoor Air Quality Strategies	2
2	1		Low-Emitting Materials	3
1			Construction Indoor Air Quality Management Plan	1
1	1	1	Indoor Air Quality Assessment	2
1			Thermal Comfort	1
1	1		Interior Lighting	2
1	1		Daylight	3
1			Quality Views	1
			Acoustic Performance	1

1	0	0	Innovation	6
			Innovation	5
1			LEED Accredited Professional	1

2	2	0	Regional Priority	4
1			Regional Priority: 1 High Priority Site	1
1			Regional Priority: 1 Enhanced Indoor Air Quality Strategies	1
	1		Regional Priority: 1 Building Life Cycle Impact Reduction	1
	1		Regional Priority: 1 Renewable Energy Production	1

Certified: 40 to 49 points. **Silver:** 50 to 59 points. **Gold:** 60 to 79 points. **Platinum:** 80 to 110



OSI INITIATIVE®			
			42
1.1 Integrated Design Process (IDP)	9	4.1 Water Consumption	9
1.1.1 Pre-Design Meetings	3	4.2 Cooling Towers	4
1.1.2 IDP Performance Goals	3	4.3 Boilers and Water Heaters	4
1.1.3 IDP Progress Meeting for Design	3	4.4 Water Intensive Applications	18
1.1.4 Capital Asset Plan & Business Case Summary (Federal only)	0	4.4.1 Commercial Food Service Equipment	6
1.2 Environmental Management During Construction	12	4.4.2 Laboratory and Medical Equipment	5
1.2.1 Environmental Management Systems (EMS)	3	4.4.3 Laundry Equipment	4
1.2.2 Clean Diesel Practices	2	4.4.4 Special Water Features	3
1.2.3 Building Materials and Building Envelope	2	4.5 Water Treatment	3
1.2.4 IAQ During Construction	5	4.6 Alternate Sources of Water	5
1.3 Commissioning	29	4.7 Metering	11
1.3.1 Pre-Commissioning	3	4.8 Irrigation	18
1.3.2 Whole Building Commissioning	19		
1.3.3 Training	1		
1.3.4 Operations and Maintenance Manual	6		
2.1 Development Area	30	5.1 Building Assembly (Core & Shell including Envelope)	33
2.1.1 Urban Infill and Urban Sprawl	10	5.2 Interior Fit-Out (including Finishes and Furnishings)	16
2.1.2 Greenfields, Brownfields and Floodplains	20	5.3 Reuse of Existing Structures	26
2.2 Ecological Impacts	32	5.3.1 Facades	6
2.2.1 Site Disturbance and Erosion	8	5.3.2 Structural Systems	6
2.2.2 Tree Integration	5	5.3.3 Non-Structural Elements	14
2.2.3 Tree Preservation	4	5.4 Waste	9
2.2.4 Heat Island Effect	13	5.4.1 Construction Waste	7
2.2.5 Bird Collisions	2	5.4.2 Operational Waste	2
2.3 Stormwater Management	18	5.5 Building Service Life Plan	7
2.4 Landscaping	28	5.6 Resource Conservation	6
2.5 Exterior Light Pollution	7	5.6.1 Minimized Use of Raw Materials	3
		5.6.2 Multi-Functional Assemblies	1
		5.6.3 Deconstruction and Disassembly	2
3.1 Energy Performance	100	5.7 Building Envelope - Roofing/Openings	10
3.2 Energy Demand	35	5.7.1 Roofing Membrane Assemblies and Systems	3
3.2.1 Passive Demand Reduction	19	5.7.2 Flashings	3
3.2.2 Power Demand Reduction	16	5.7.3 Roof and Wall Openings	4
3.3 Metering, Measurement, and Verification	12	5.8 Envelope - Foundation, Waterproofing	6
3.3.1 Metering	8	5.8.1 Foundation Systems	4
3.3.2 Measurement and Verification	4	5.8.2 Below Grade Wall Slabs and Above Grade Horizontal	2
3.4 Building Opaque Envelope	31	5.9 Envelope - Cladding	5
3.4.1 Thermal Resistance and Transmittance	10	5.9.1 Exterior Wall Cladding Systems	3
3.4.2 Orientation	5	5.9.2 Rainscreen Wall Cladding	2
3.4.3 Fenestration Systems	16	5.1 Envelope - Barriers	7
3.5 Lighting	36	5.10.1 Air Barriers	4
3.5.1 Lighting Power Density	10	5.10.2 Vapor Retarders	3
3.5.2 Interior Automatic Light Shut-off Controls	3		
3.5.3 Light Reduction Controls	4		
3.5.4 Daylighting	8	6.1 Heating	18
3.5.5 Controls for Daylighted Zones	6	6.2 Cooling	29
3.5.6 Exterior Luminaires and Controls	5	6.2.1 Use of New or Existing Cooling Equipment (informational	0
3.6 HVAC Systems and Controls	59	6.2.2 Ozone-Depleting Potential	10
3.6.1 Building Automation System	10	6.2.3 Global Warming Potential	10
3.6.2 Cooling Equipment	13	6.2.4 Leak Detection	9
3.6.3 Cooling Towers	8	6.3 Janitorial Equipment	3
3.6.4 Heat Pumps	6		
3.6.5 Heating Equipment	8		
3.6.6 Condensate Recovery	3	7.1 Ventilation	37
3.6.7 Steam Traps	2	7.1.1 Ventilation Air Quantity	11
3.6.8 Domestic Hot Water Heaters	3	7.1.2 Air Exchange	8
3.6.9 Variable Speed Control of Pumps	6	7.1.3 Ventilation Intakes and Exhausts	8
3.7 Other HVAC Systems and Controls	32	7.1.4 CO ₂ Sensing and Ventilation Control Equipment	5
3.7.1 Minimizing Re-heat and Re-cool	6	7.1.5 Air Handling Equipment	5
3.7.2 Air Economizers	3	7.2 Source Control and Measurement of Indoor Pollutants	46
3.7.3 Fans and Ductwork	7	7.2.1 Volatile Organic Compounds	10
3.7.4 Demand Controlled Ventilation	10	7.2.2 Leakage, Condensation and Humidity	8
3.7.5 Variable Refrigerant Flow Systems	6	7.2.3 Access for HVAC Maintenance	4
3.8 Other Energy Efficient Equipment and Measures	11	7.2.4 Carbon Monoxide Monitoring	4
3.8.1 Elevators and Escalators	5	7.2.5 Wet Cooling Towers	2
3.8.2 Other Energy Efficient Equipment	6	7.2.6 Domestic Hot Water Systems	2
3.9 Renewable Energy	50	7.2.7 Humidification and Dehumidification Systems	3
3.9.1 On-site Renewable Energy	32	7.2.8 Pest and Contamination Control	3
3.9.2 Off-site Renewable Energy	18	7.2.9 Other Indoor Pollutants (Tobacco, Radon)	8
3.10 Energy Efficient Transportation	24	7.2.10 Ventilation and Physical Isolation for Specialized Activities	2
		7.3 Lighting Design and Systems	30
		7.3.1 Daylighting	17
		7.3.2 Lighting Design	13
		7.4 Thermal Comfort	18
		7.4.1 Thermal Comfort Strategies	12
		7.4.2 Thermal Comfort Design	6
		7.5 Acoustic Comfort	29
		7.5.1 Acoustic Comfort Design	18
		7.5.2 Mechanical, Plumbing, and Electrical	11

DUPLEXITY

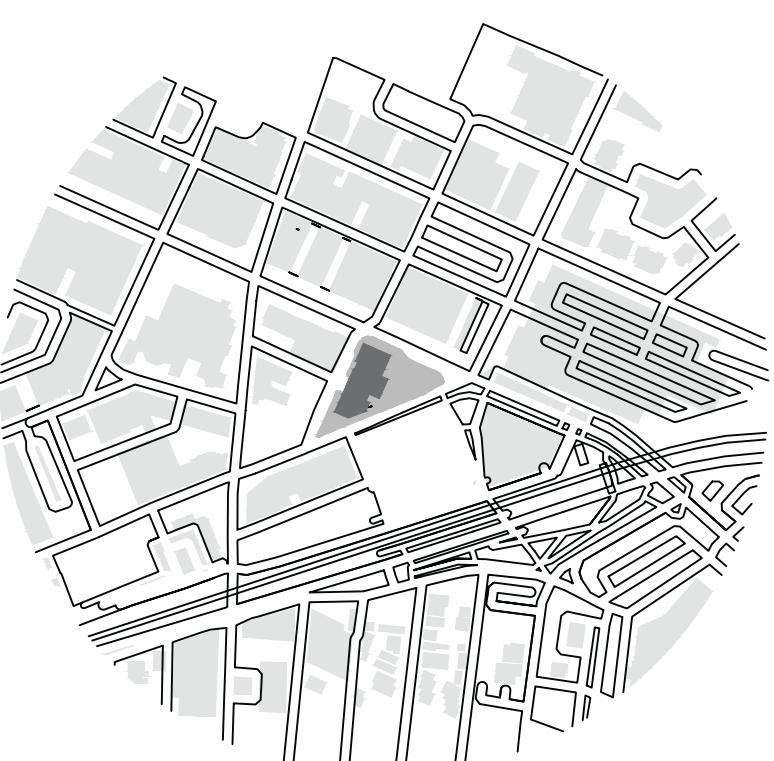
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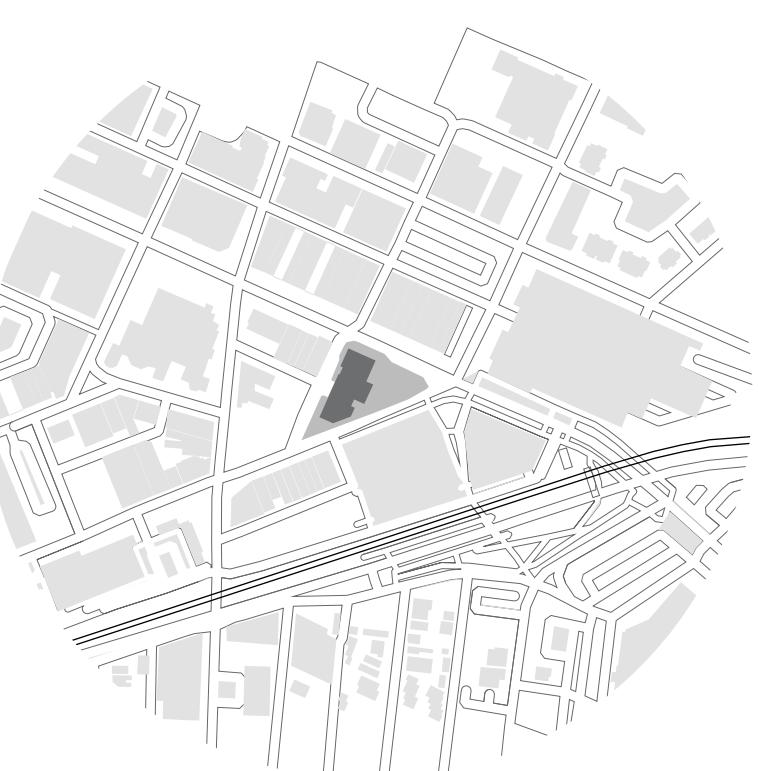
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Project No :
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Checked : Akhil B. Scale : 1" = 20'-0"
Sheet Title : SITE PLAN



1 SITE PLAN

SCALE: 1" = 20'-0"

A-001

Drawing Number : _____

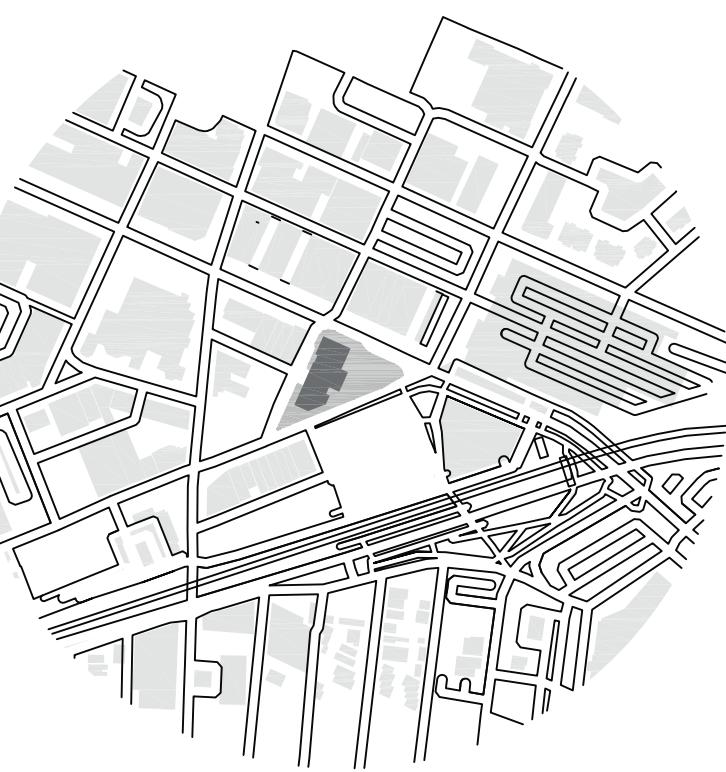
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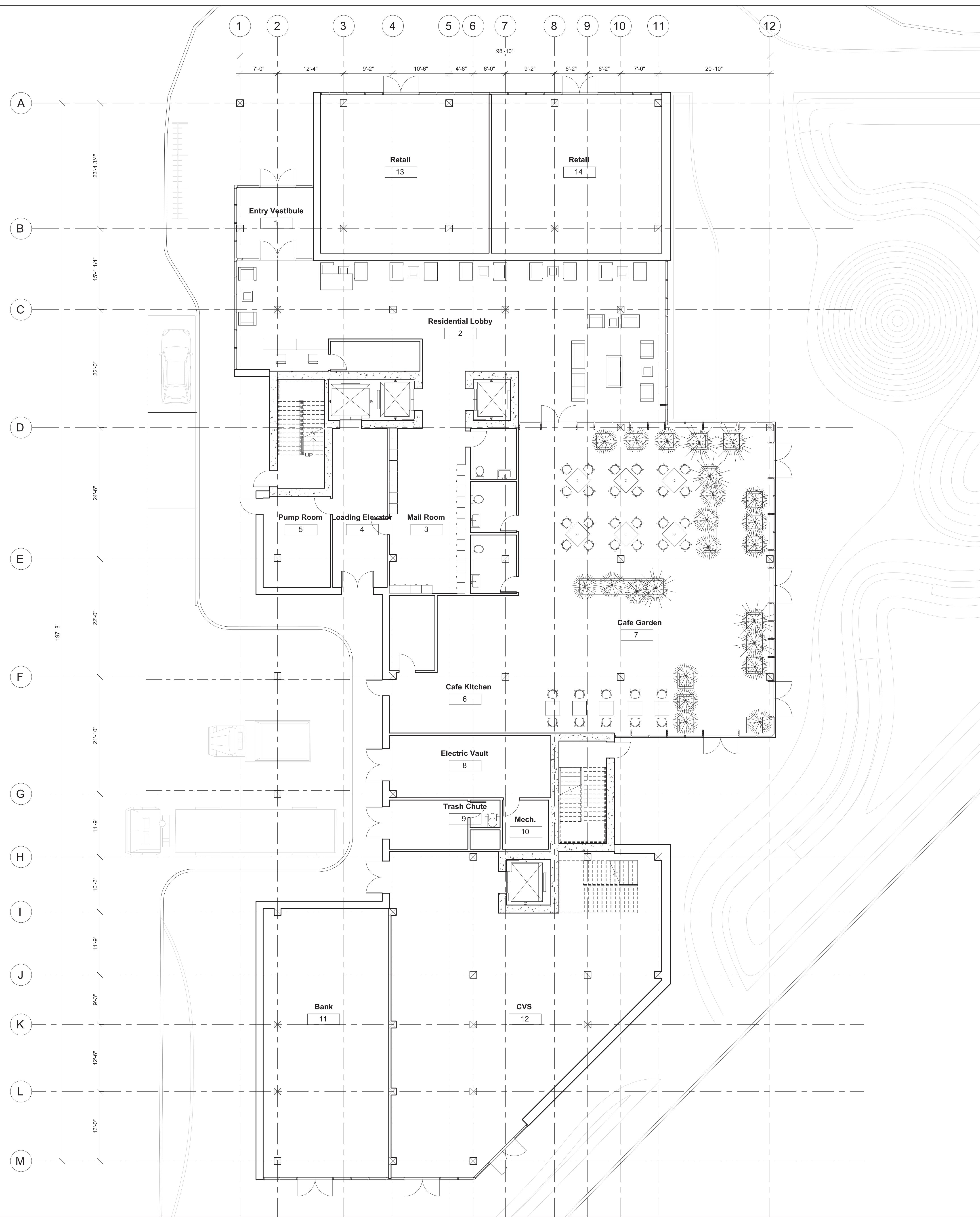
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CONSULTANTS

Project No :
Drawn : Isabella O. Date : 12/09/2019
Checked : Akhil B. Scale : 1/8" = 1'-0"
Sheet Title : FIRST FLOOR PLAN

1 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

A-101
Drawing Number :



PLEXITY

100 West Liberty,
Pittsburgh, PA 15206

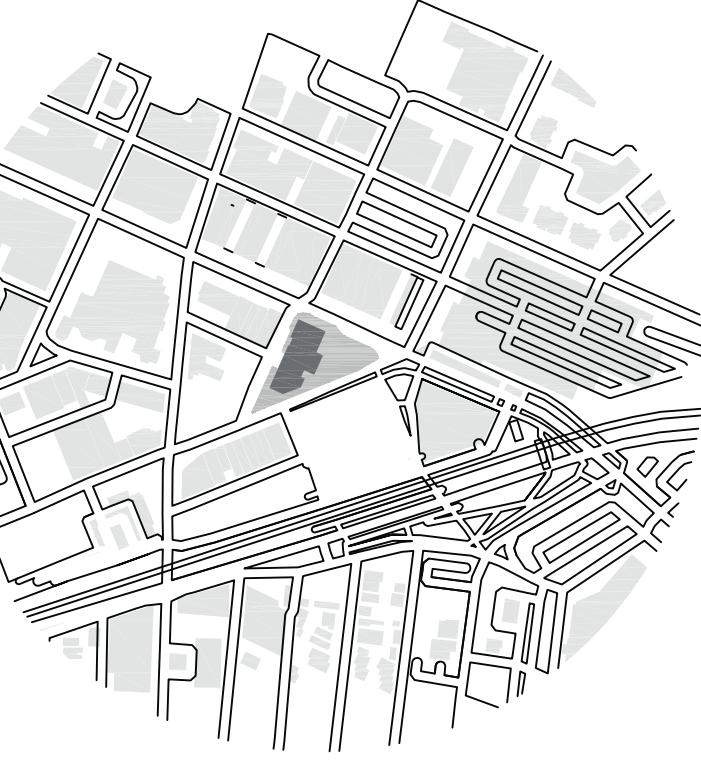
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Project No :
Drawn : Isabella O. Date : 12/09/2019
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Sheet Title : SECOND FLOOR PLAN

SECOND FLOOR PLAN

Case Number A-102

A-102

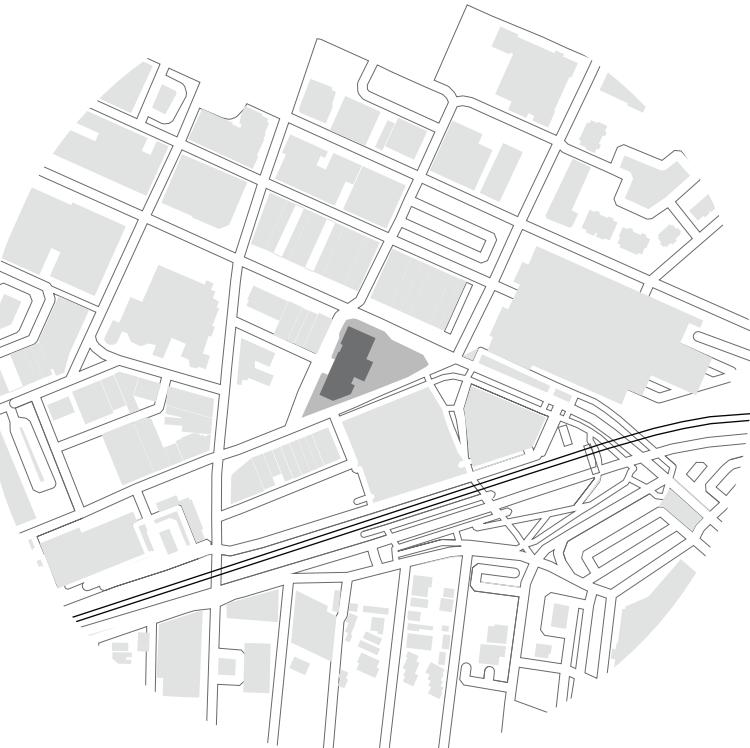
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Project No :
Drawn : Curran Z. Date : 12/09/2019
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Sheet Title : RESIDENTIAL FLOOR PLAN



① 3TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



② 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

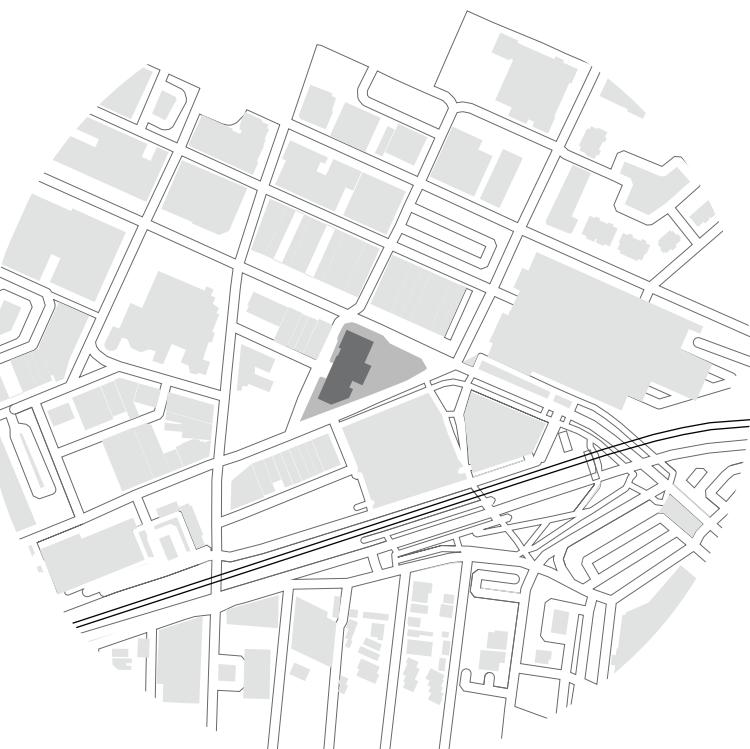
A-103

Drawing Number :

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Sheet Title : RESIDENTIAL FLOOR PLAN



1 5TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



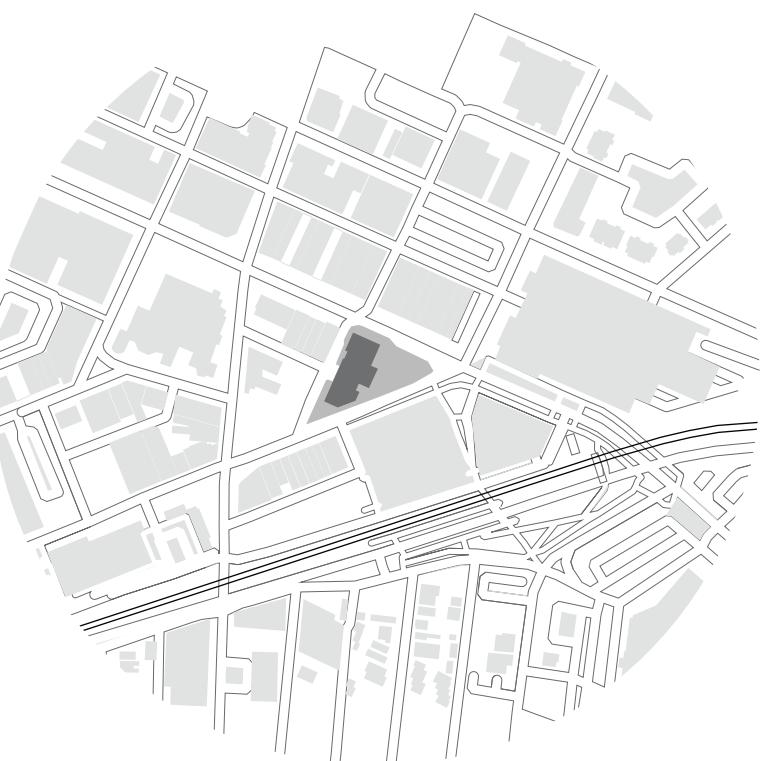
2 6TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

A-104
Drawing Number :

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Sheet Title : RESIDENTIAL FLOOR PLAN



1 7TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 8TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

A-105

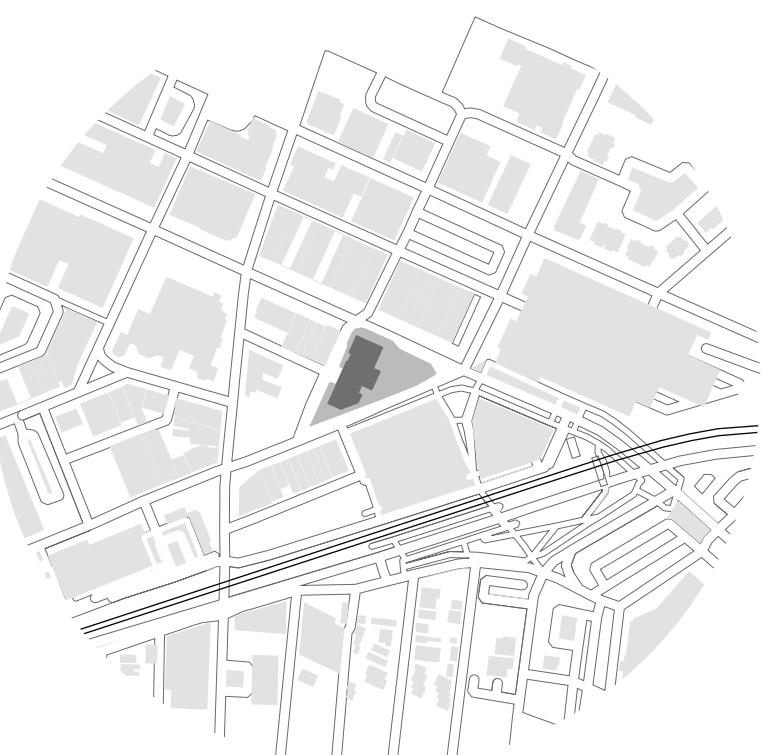
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1 9TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 10TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

A-106

Drawing Number :

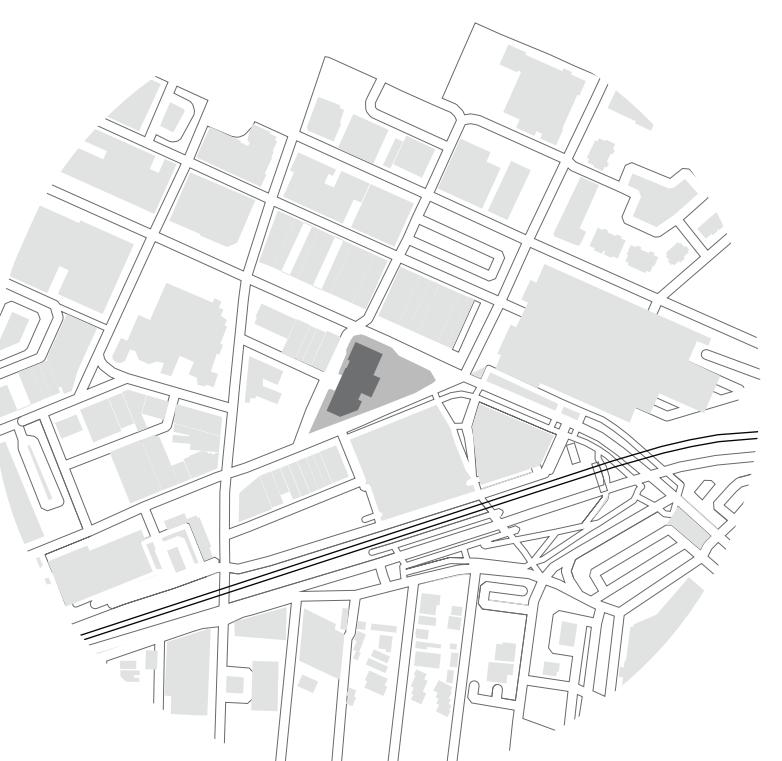
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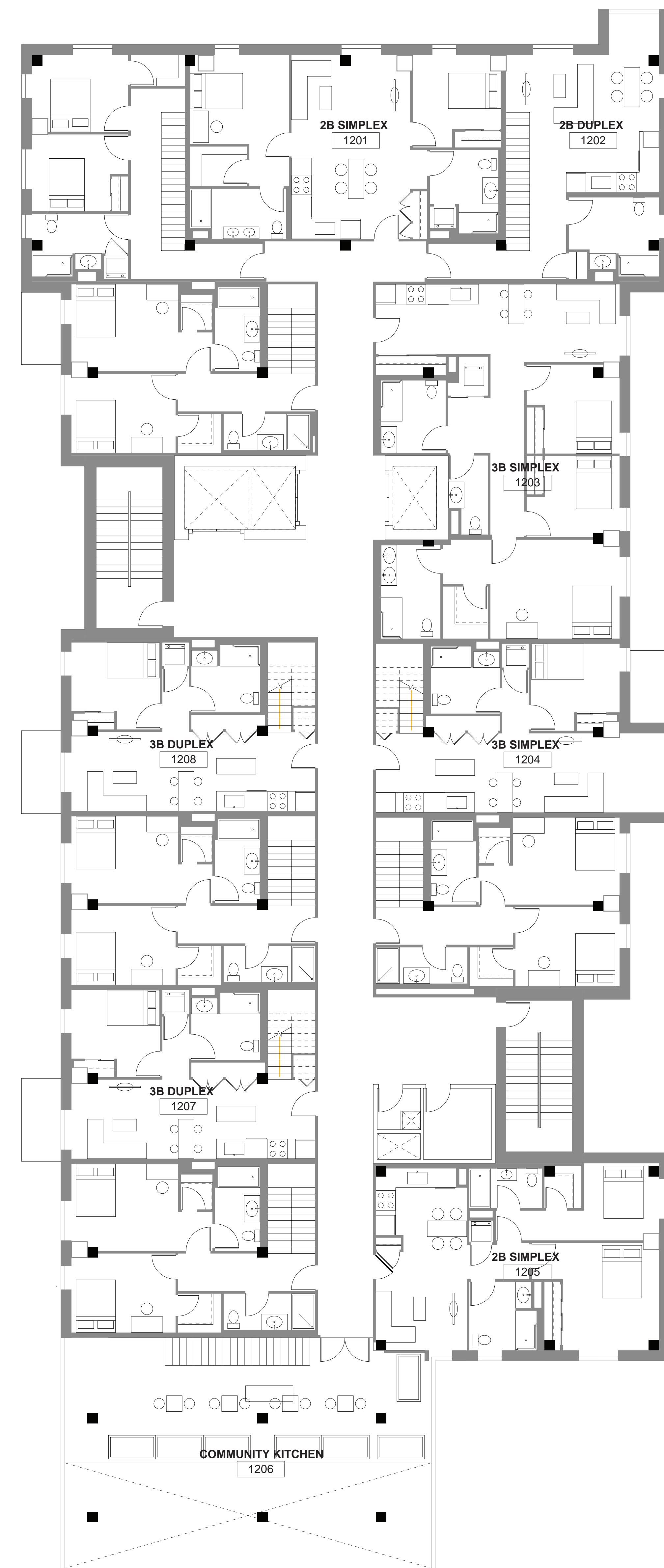
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Project No :
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Sheet Title : RESIDENTIAL FLOOR PLAN



1 11TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 12TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

A-107

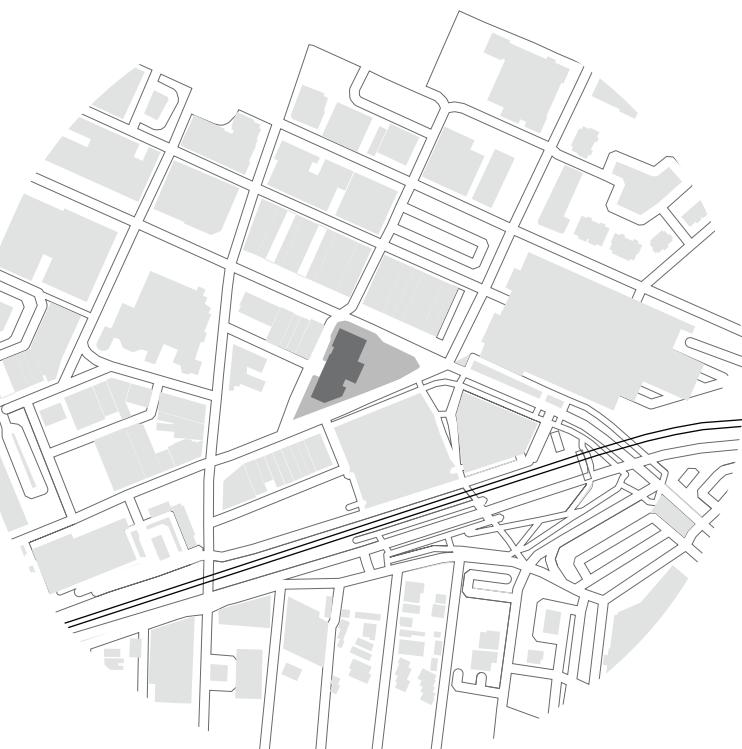
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Project No :
Drawn : Curran Z. Date : 12/09/2019
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Sheet Title : RESIDENTIAL FLOOR PLAN



1 13TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 14TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

A-108

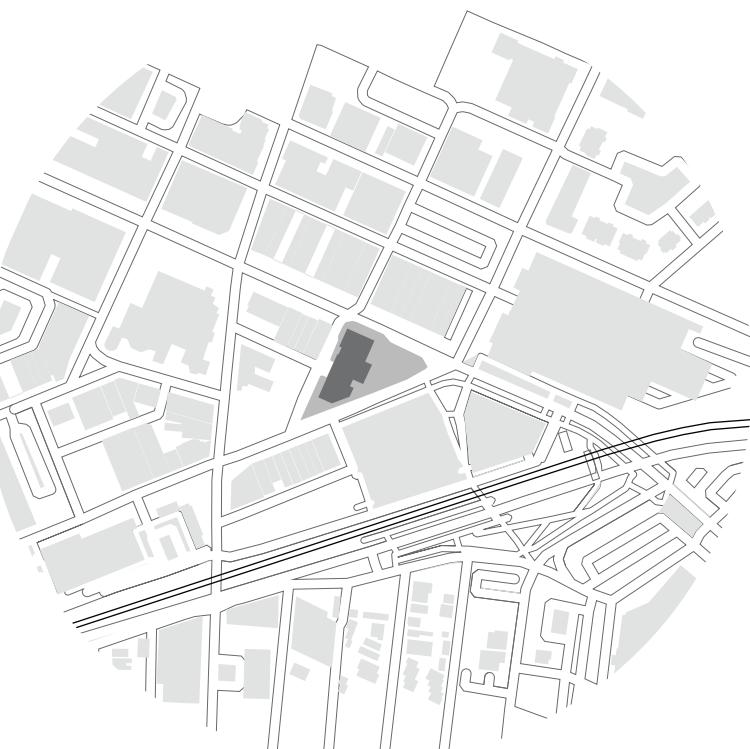
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Project No :
Drawn : Curran Z. Date : 12/09/2019
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Sheet Title : RESIDENTIAL FLOOR PLAN



1 15TH FLOOR PLAN

SCALE: 1/8" = 1'-0"



2 16TH FLOOR PLAN

SCALE: 1/8" = 1'-0"

A-109

Drawing Number : _____

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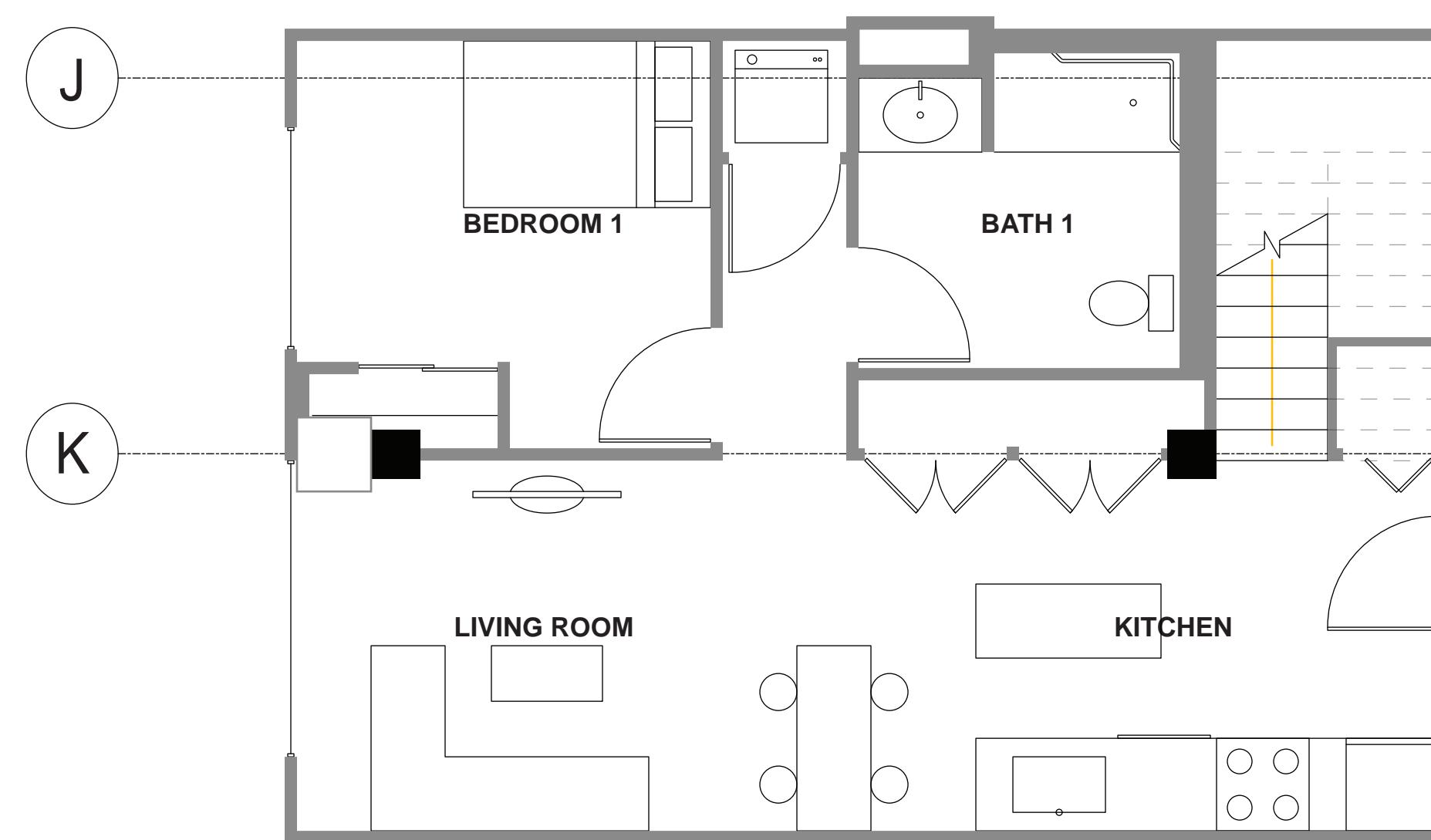
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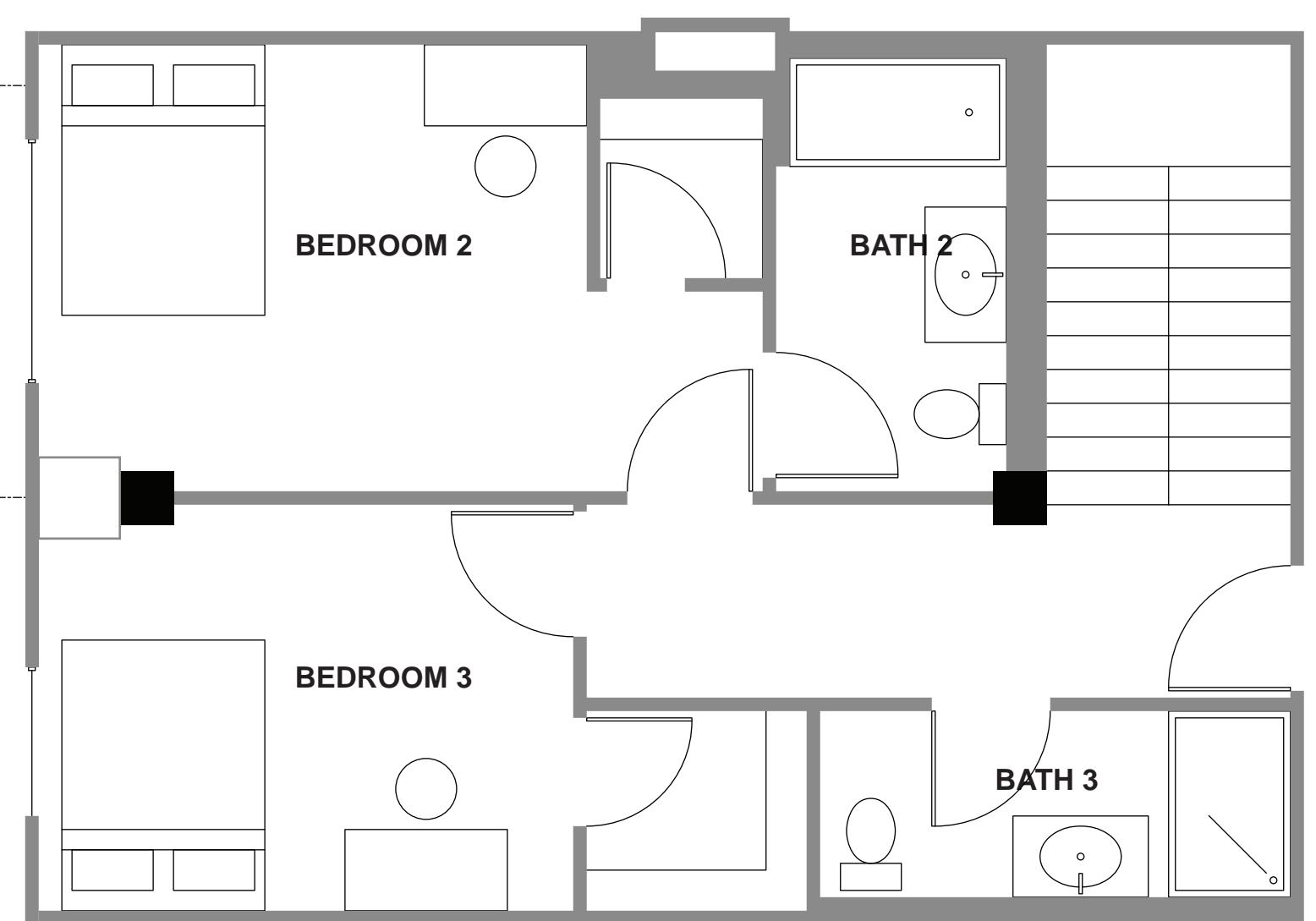
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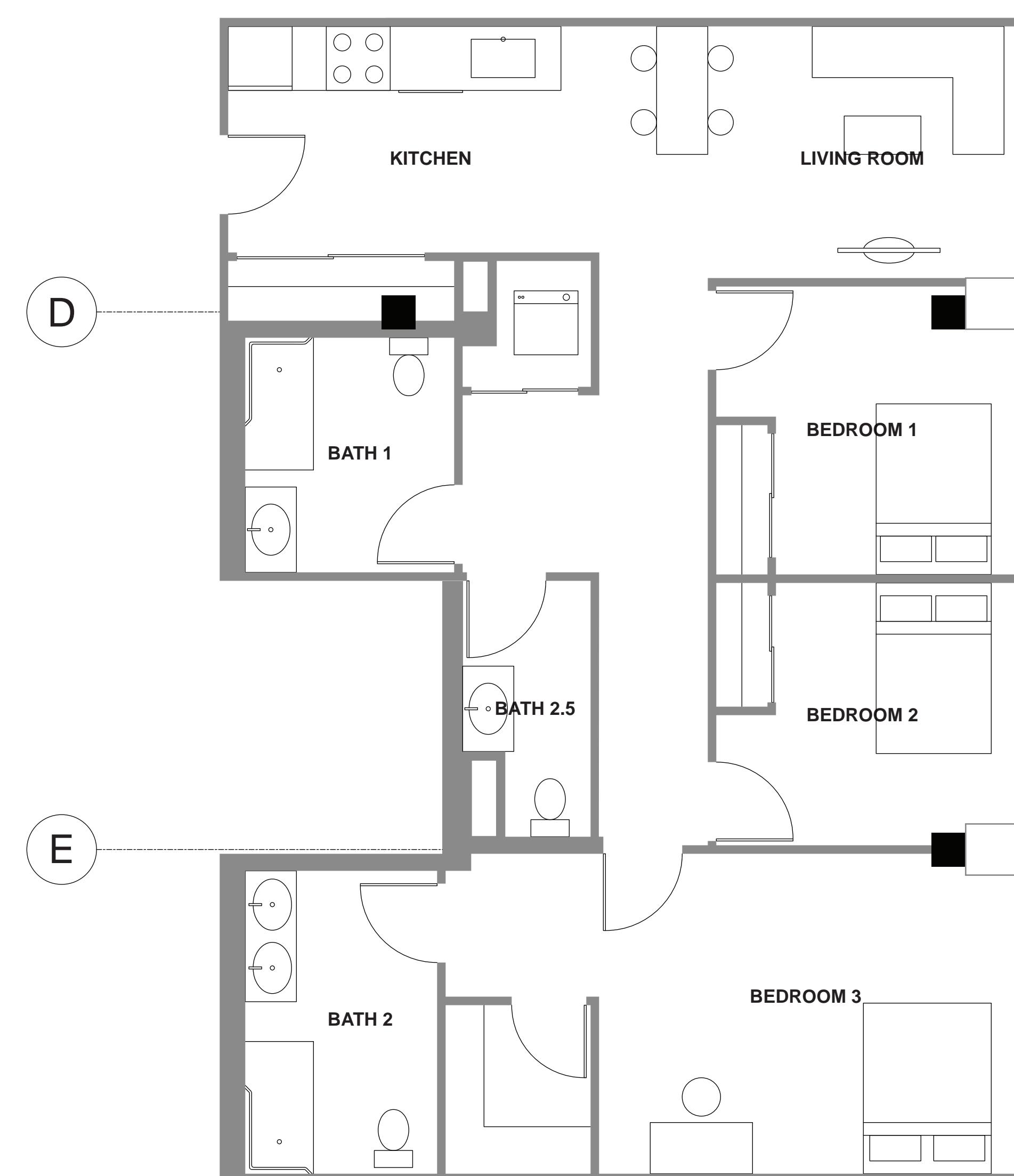
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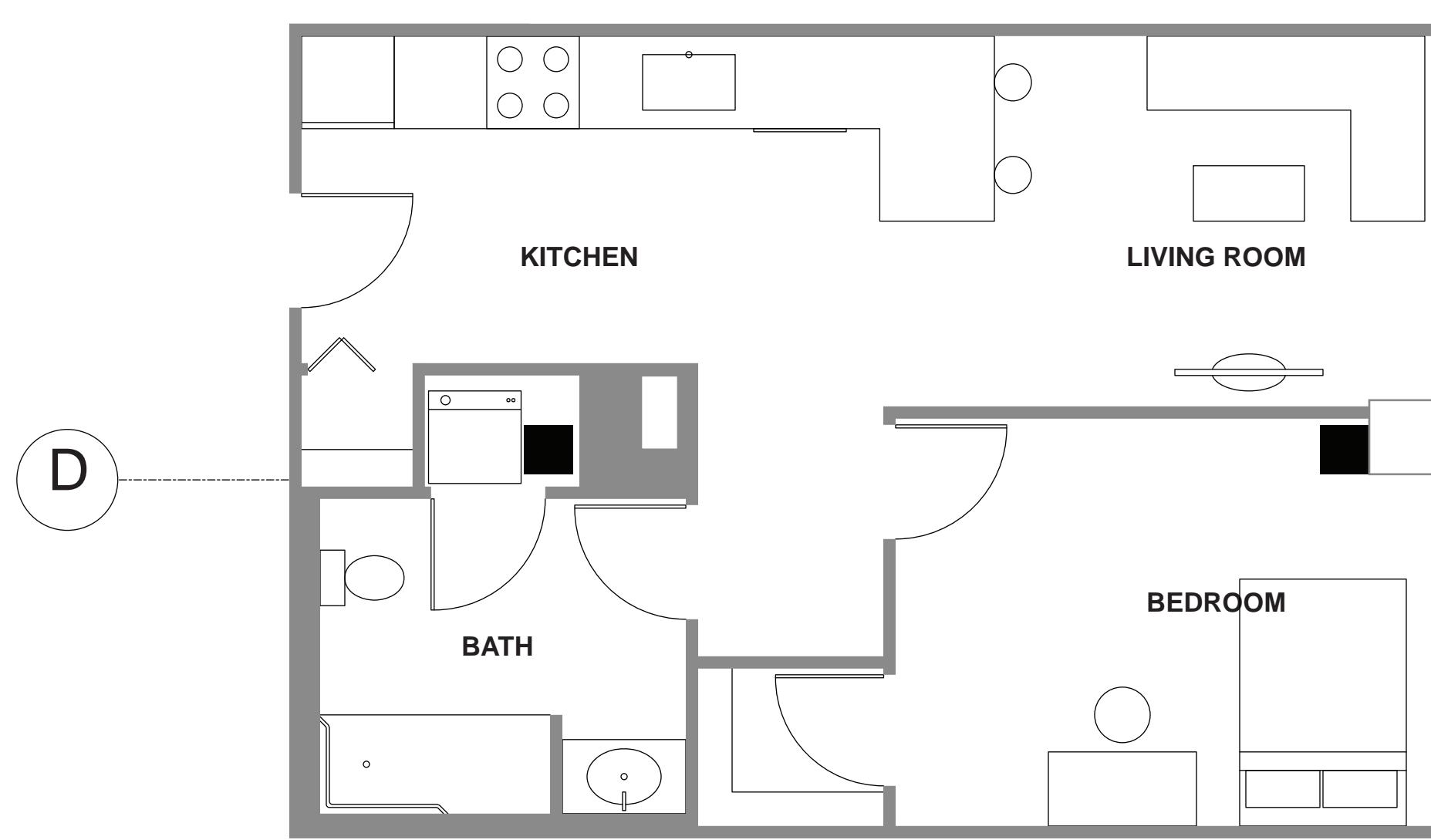
① 3B DUPLEX 1ST FLOOR (UNIT 308)
SCALE: 1/4" = 1'-0"



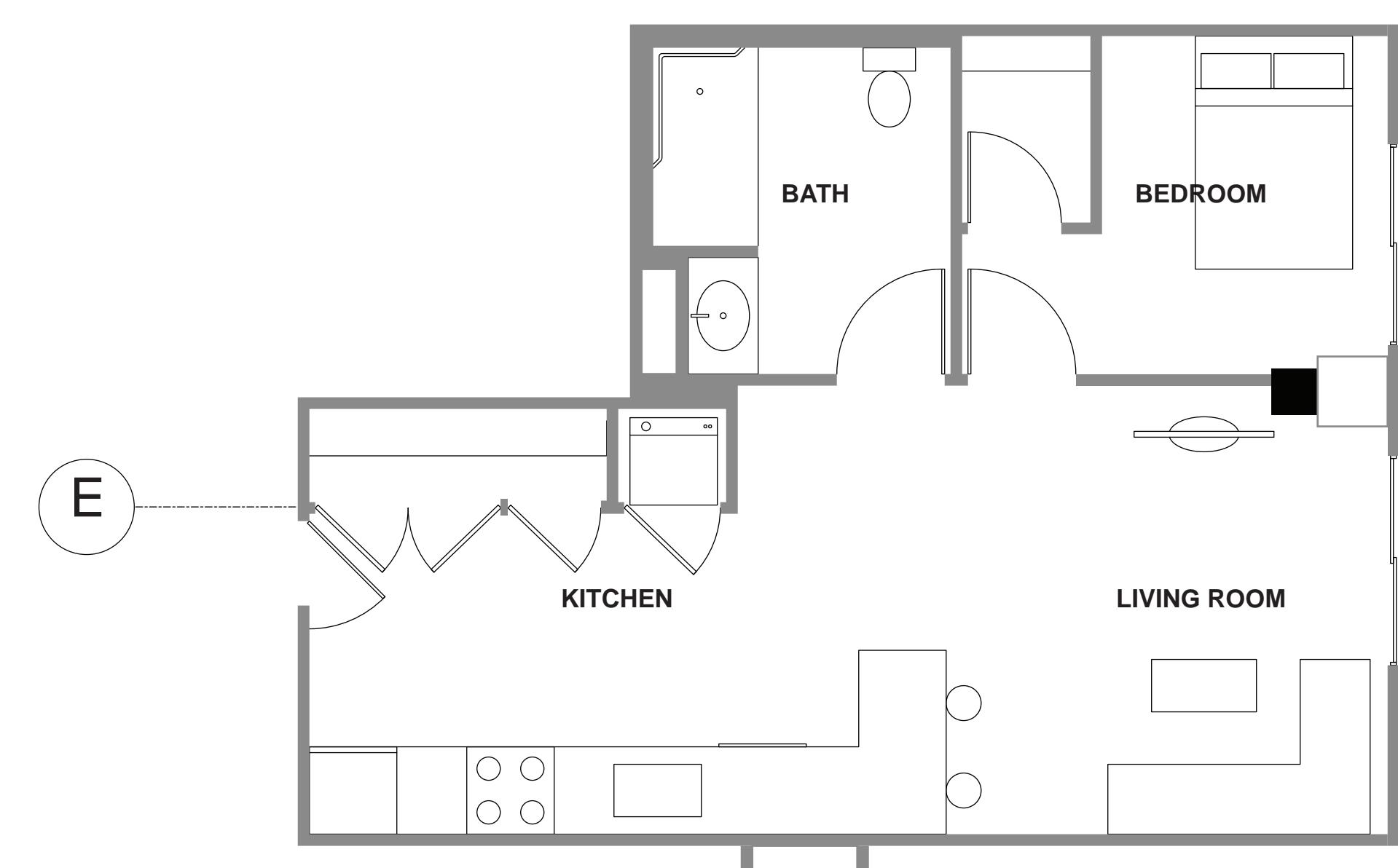
② 3B DUPLEX 2ND FLOOR (UNIT 308)
SCALE: 1/4" = 1'-0"



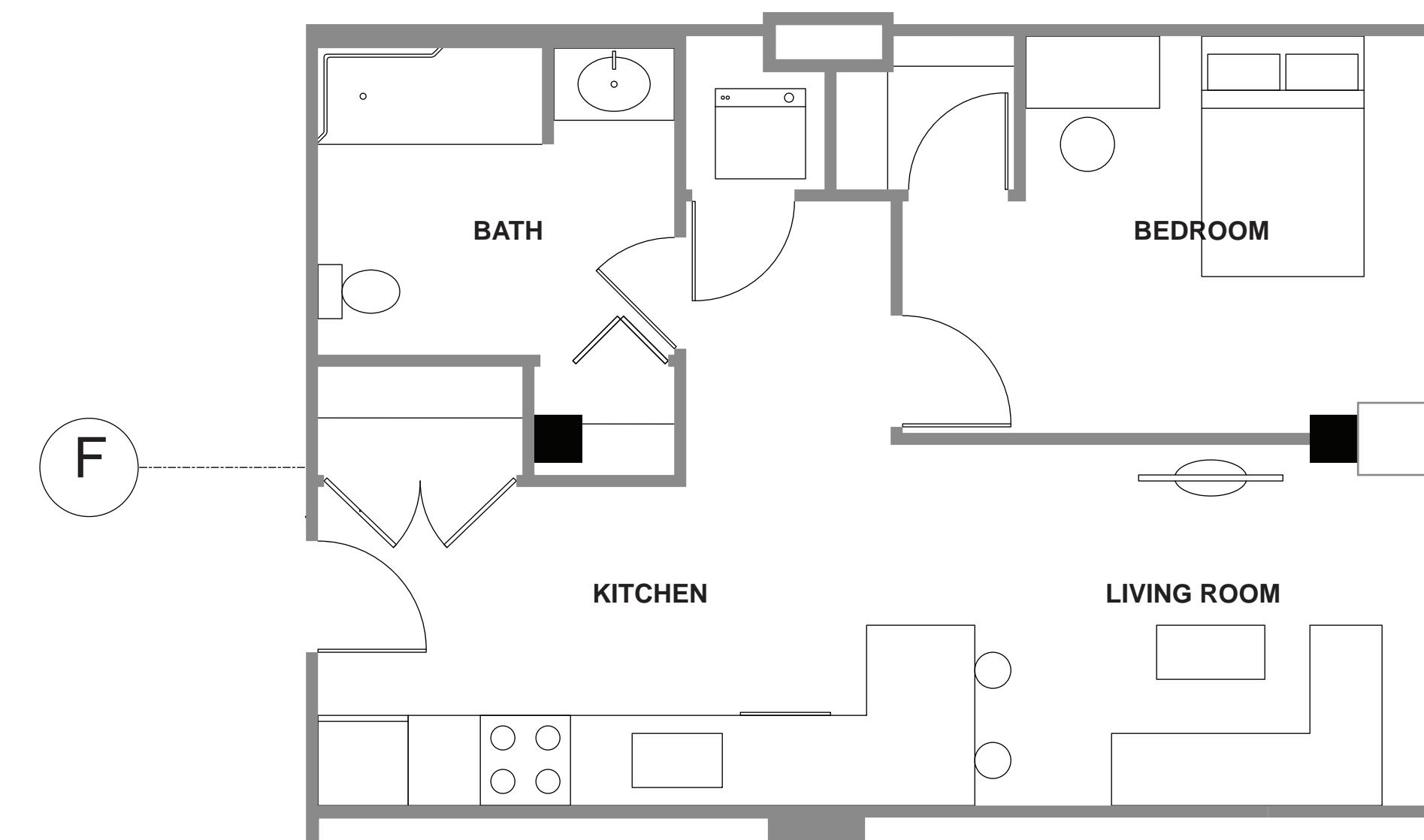
③ 3B SIMPLEX (UNIT 304)
SCALE: 1/4" = 1'-0"



④ 1B SIMPLEX TYPE A (UNIT 904)
SCALE: 1/4" = 1'-0"



⑤ 1B SIMPLEX TYPE B (UNIT 905)
SCALE: 1/4" = 1'-0"



⑥ 1B SIMPLEX TYPE C (UNIT 906)
SCALE: 1/4" = 1'-0"

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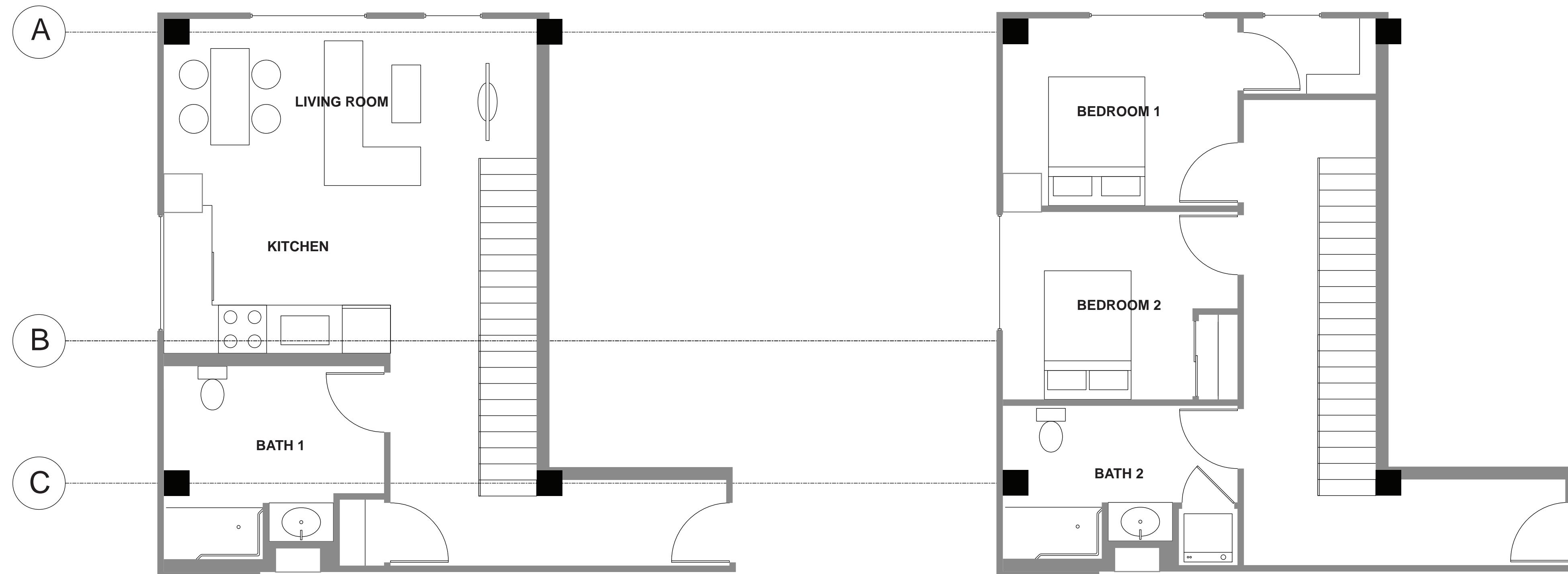
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Project No :
Drawn : Curran Z. Date : 12/09/2019
Checked : Akhil B. Scale : 1/4" = 1'-0"
Sheet Title : ENLARGED UNIT PLANS

GENERAL NOTES

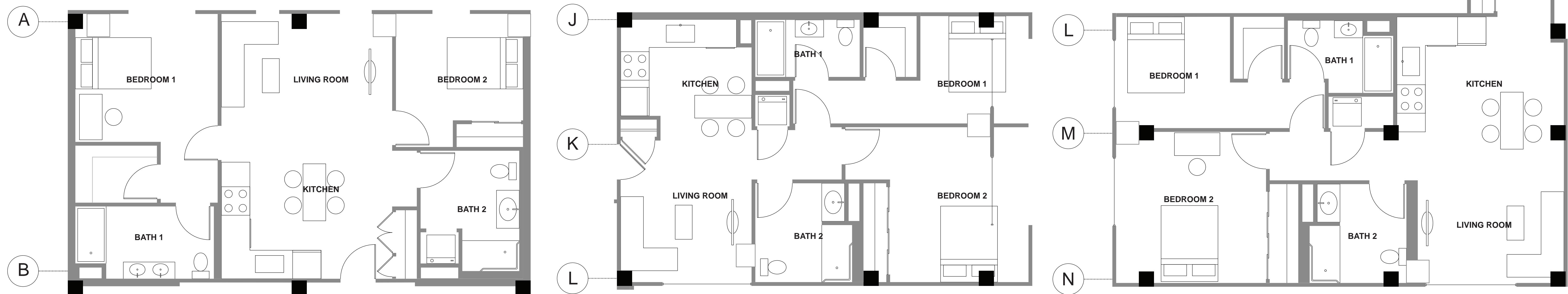
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1 2B DUPLEX 1ST FLOOR (UNIT 302)
 SCALE: 1/4" = 1'-0"

2 2B DUPLEX 2ND FLOOR (UNIT 302)



3 2B SIMPLEX TYPE A (UNIT 401)

(SCALE: 1/4" = 1'-0"

4 2B SIMPLEX TYPE B (UNIT 405)

5 2B SIMPLEX TYPE C (UNIT 406)

Project No :
Drawn : Curran Z. Date : 12/09/2019
Checked : Akhil B. Scale : 1/4" = 1'-0"
Sheet Title : ENLARGED UNIT PLANS

Drawing Number : A-152

DUPLEXITY

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Pittsburgh, PA 15206

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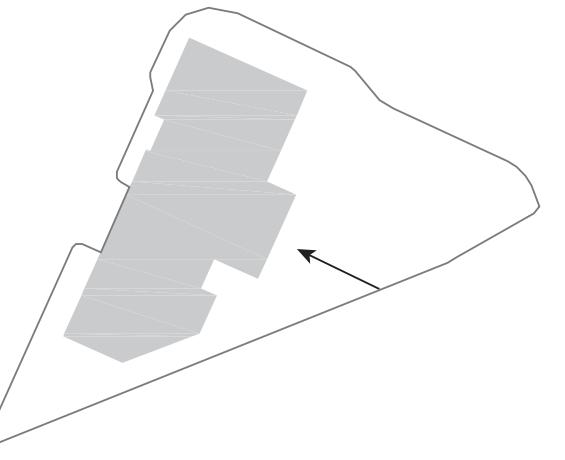
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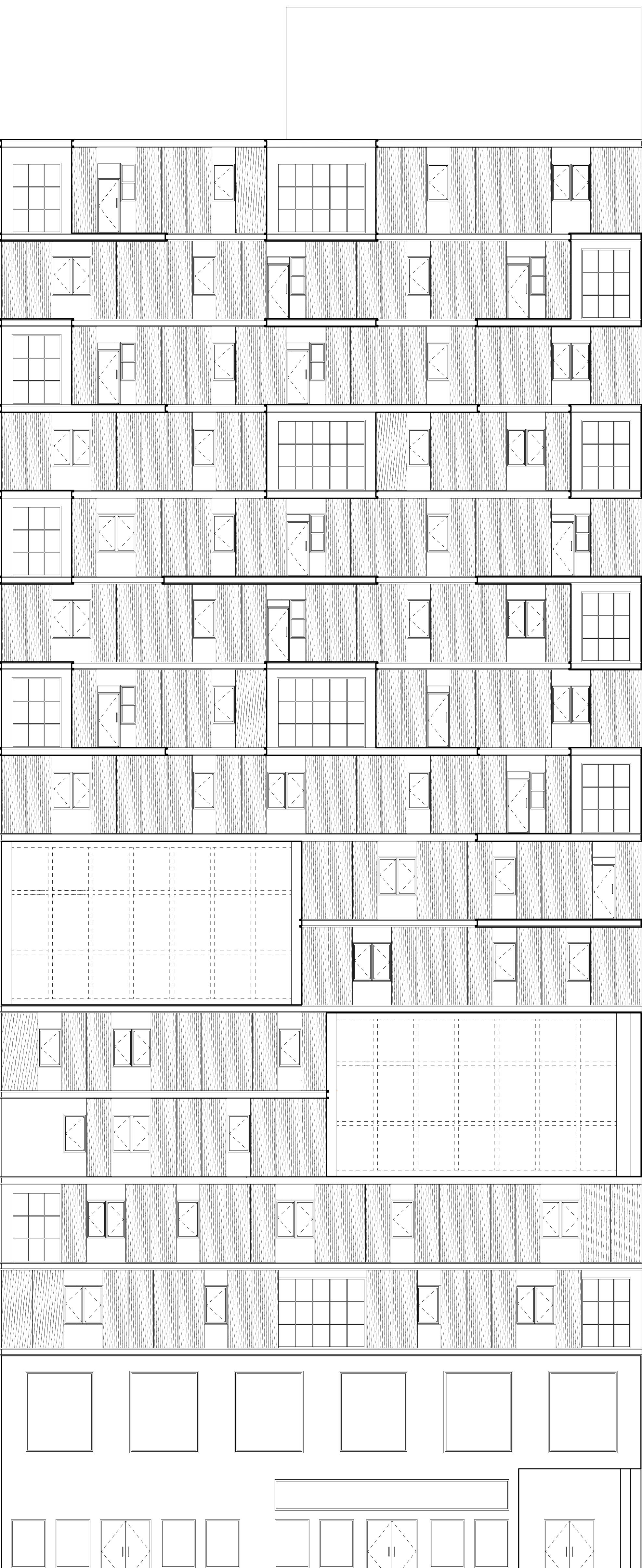
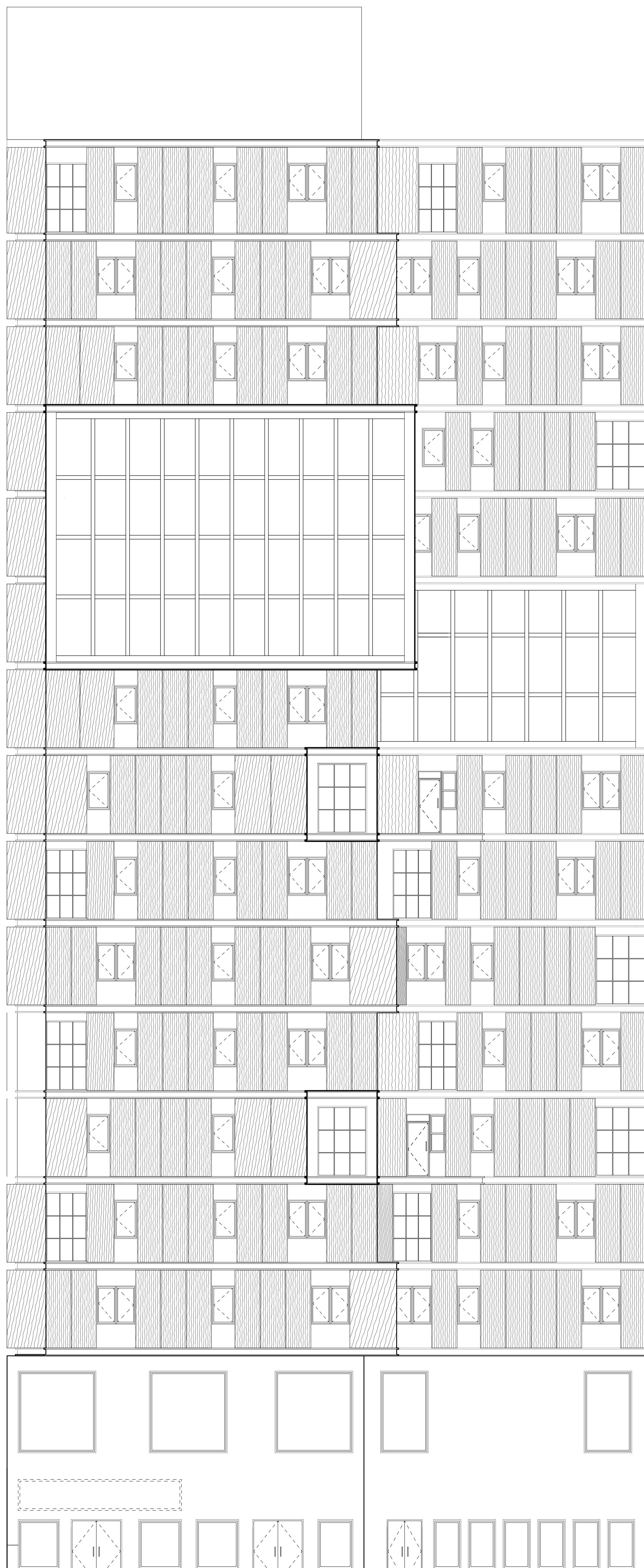
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STUDIO VILOZ

CONSULTANTS

Project No :
Drawn : Curran z. Date : 12/09/2019
Checked : Akhil B. Scale : 1/8" = 1'-0"
Sheet Title : BUILDING ELEVATION (EAST)

Drawing Number : A-201



Level 18
201' - 0"

Level 17
184' - 0"

Level 16
173' - 0"

Level 15
162' - 0"

Level 14
151' - 0"

Level 13
140' - 0"

Level 12
129' - 0"

Level 11
118' - 0"

Level 10
107' - 0"

Level 9
96' - 0"

Level 8
85' - 0"

Level 7
74' - 0"

Level 6
63' - 0"

Level 5
52' - 0"

Level 4
41' - 0"

Level 3
30' - 0"

Level 2
15' - 0"

Level 1
0' - 0"

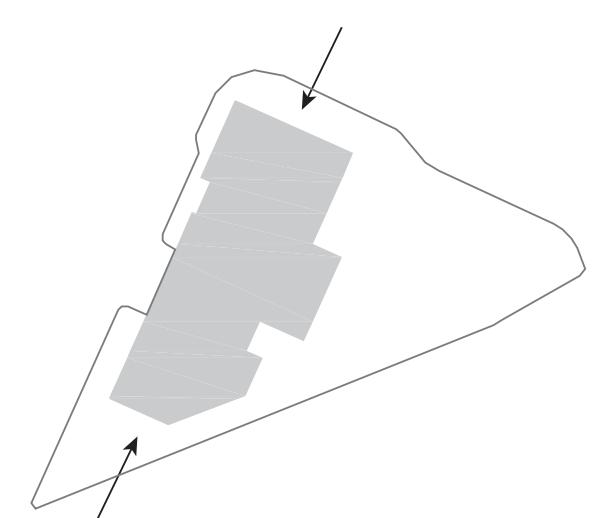
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Project No :
Drawn : Curran z. Date : 12/09/2019
Checked : Akhil B. Scale : 1/8" = 1'-0"
Sheet Title : BUILDING ELEVATION (NORTH AND SOUTH)

A-202

Drawing Number :

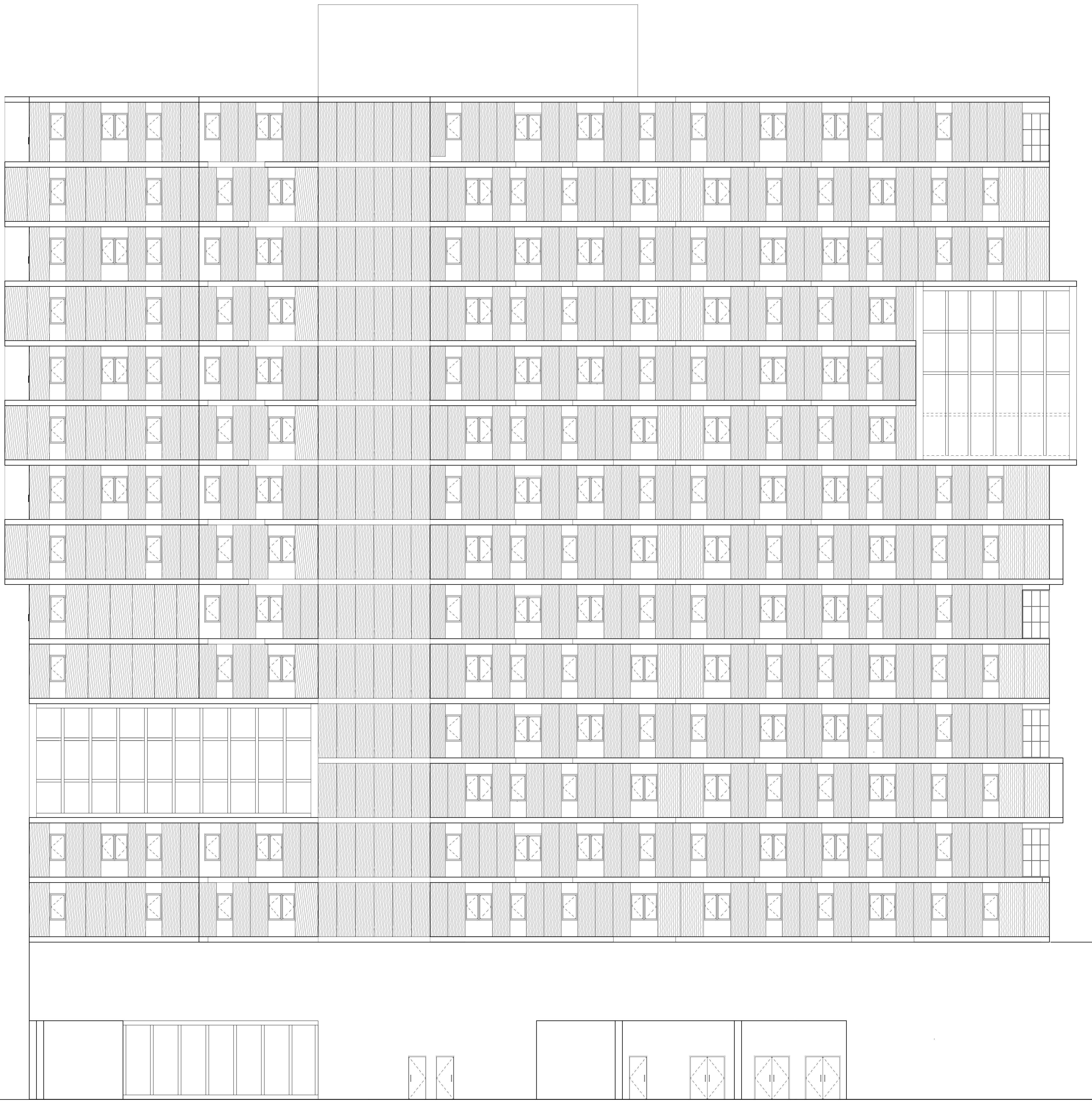
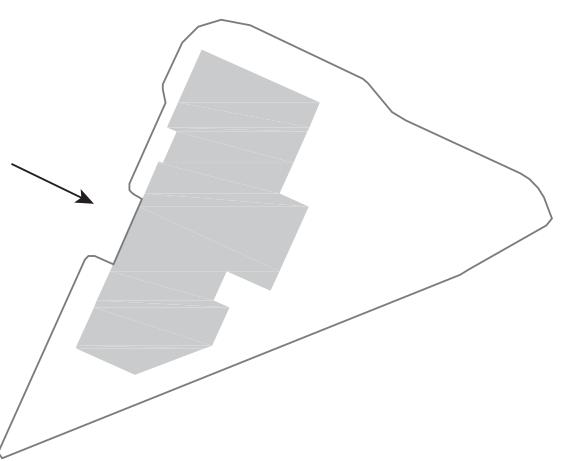
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Level 18
201' - 0"

Level 17
184' - 0"

Level 16
173' - 0"

Level 15
162' - 0"

Level 14
151' - 0"

Level 13
140' - 0"

Level 12
129' - 0"

Level 11
118' - 0"

Level 10
107' - 0"

Level 9
96' - 0"

Level 8
85' - 0"

Level 7
74' - 0"

Level 6
63' - 0"

Level 5
52' - 0"

Level 4
41' - 0"

Level 3
30' - 0"

Level 2
15' - 0"

Level 1
0' - 0"

No Issued for Date _____

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Pittsburgh, PA, US 15217

CONSULTANTS

Project No :
Drawn : Curran z. Date : 12/09/2019
Checked : Akhil B. Scale : 1/8" = 1'-0"
Sheet Title : BUILDING ELEVATION (WEST)

A-203
Drawing Number :

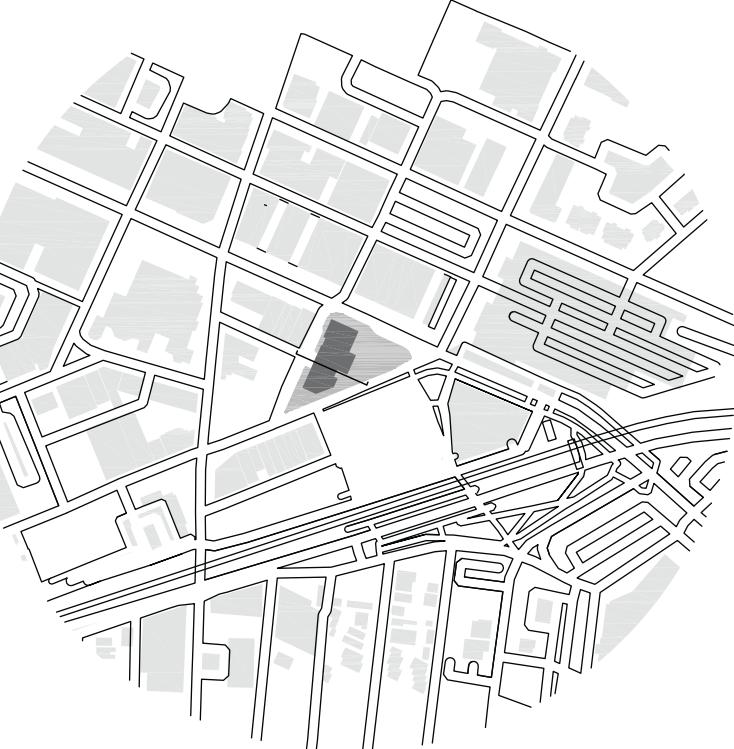
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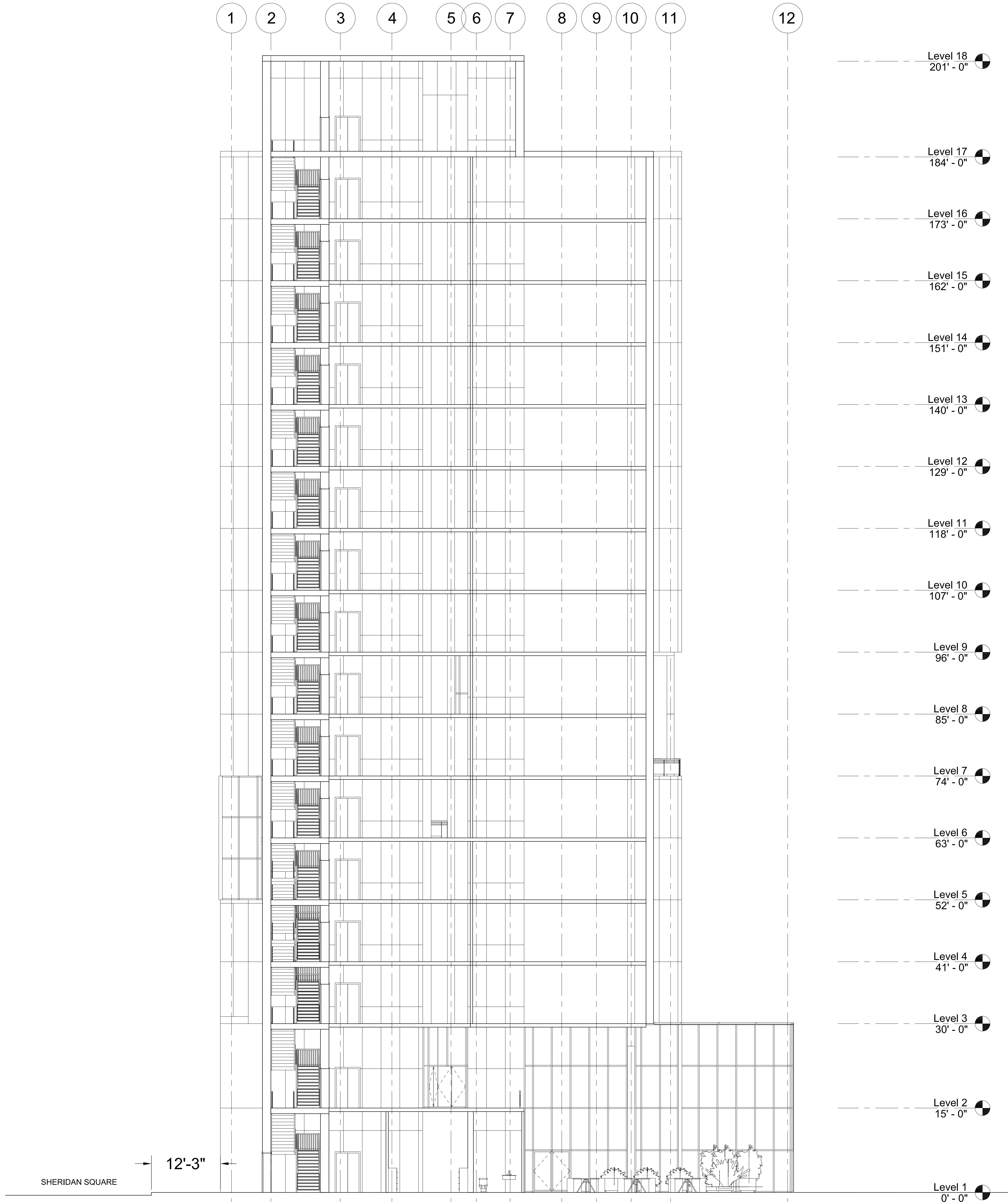
No Issued for Date

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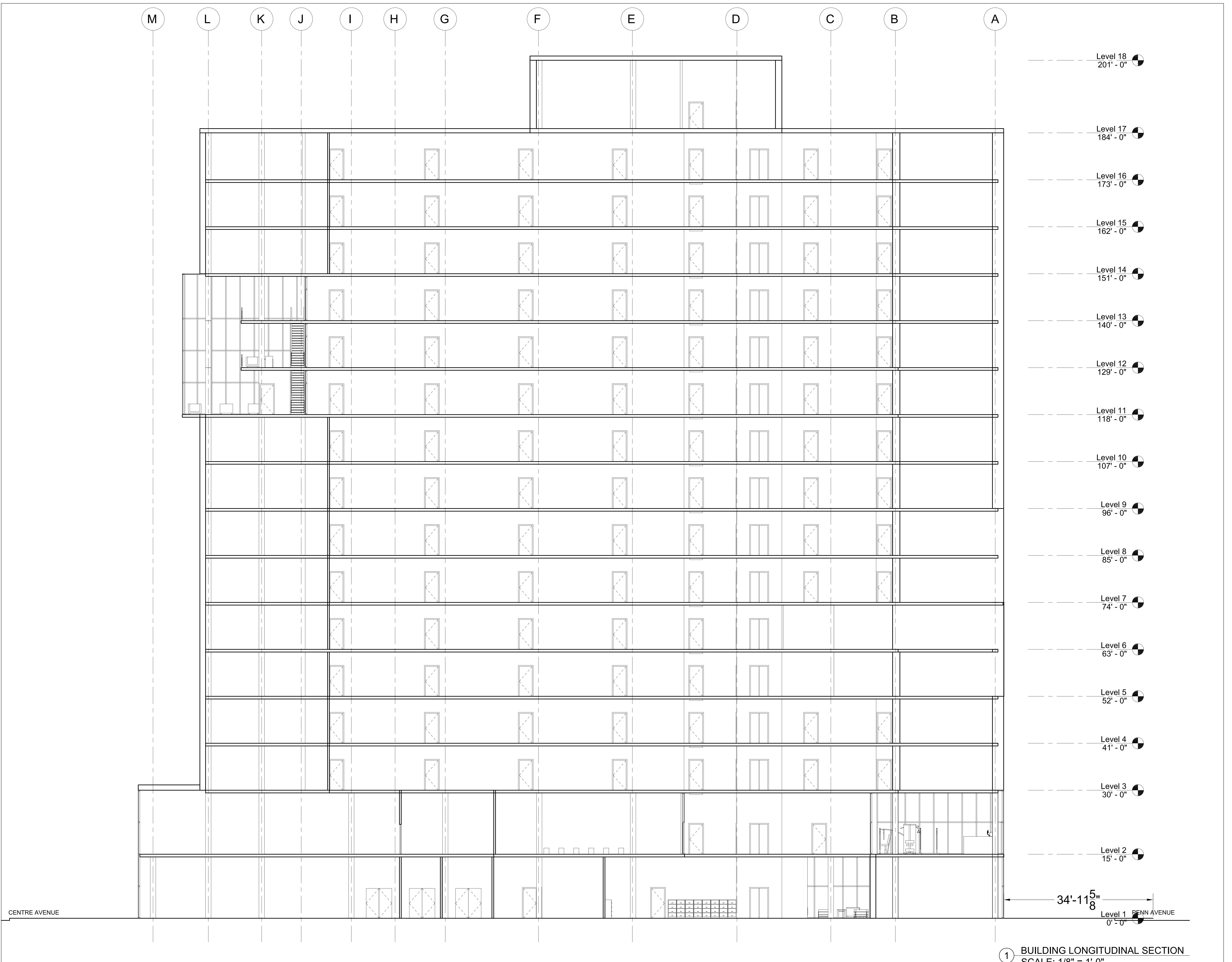
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5000 Forbes Avenue,
Pittsburgh, PA, US 15217

CONSULTANTS

Project No :
Drawn : Isabella O. Date : 12/09/2019
Checked : Akhil B. Scale : 1/8" = 1'-0"
Sheet Title : BUILDING CROSS SECTION



A-301
Drawing Number :



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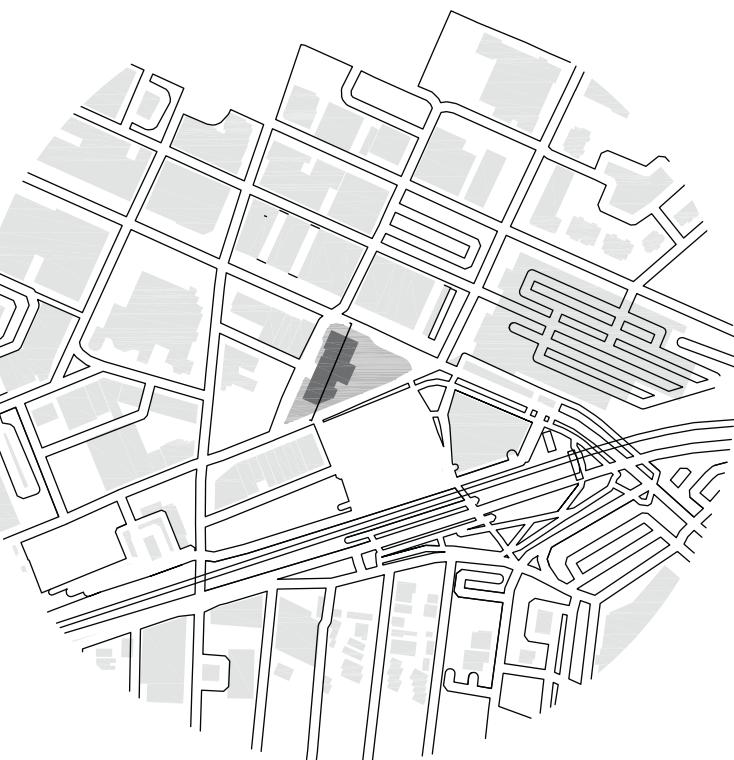
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Project No :
Drawn : Isabella O. Date : 12/09/2019
Checked : Akhil B. Scale : 1/8" = 1'-0"
Sheet Title :BUILDING ELEVATION (WEST FACADE)

Drawing Number : A-302

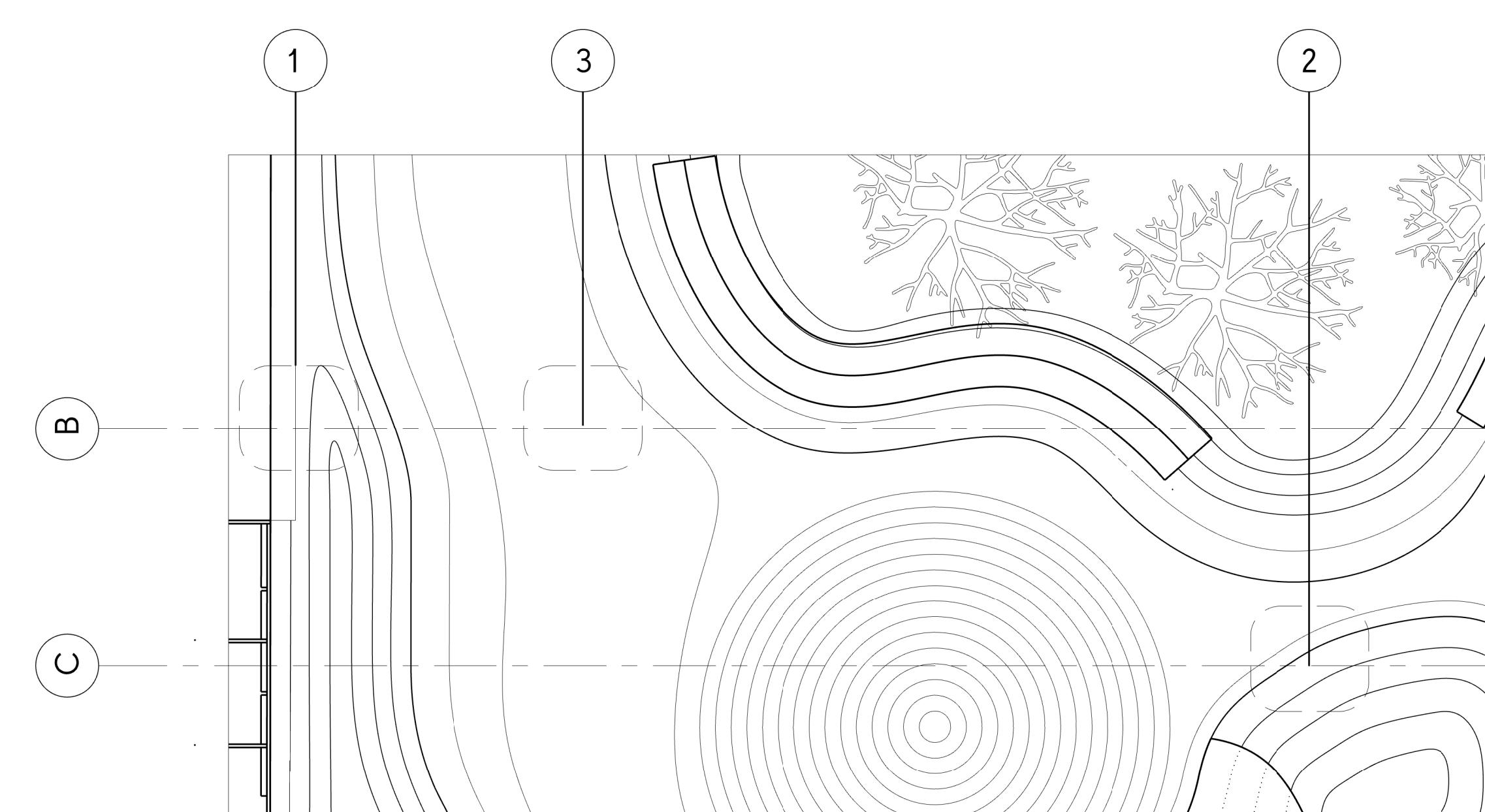
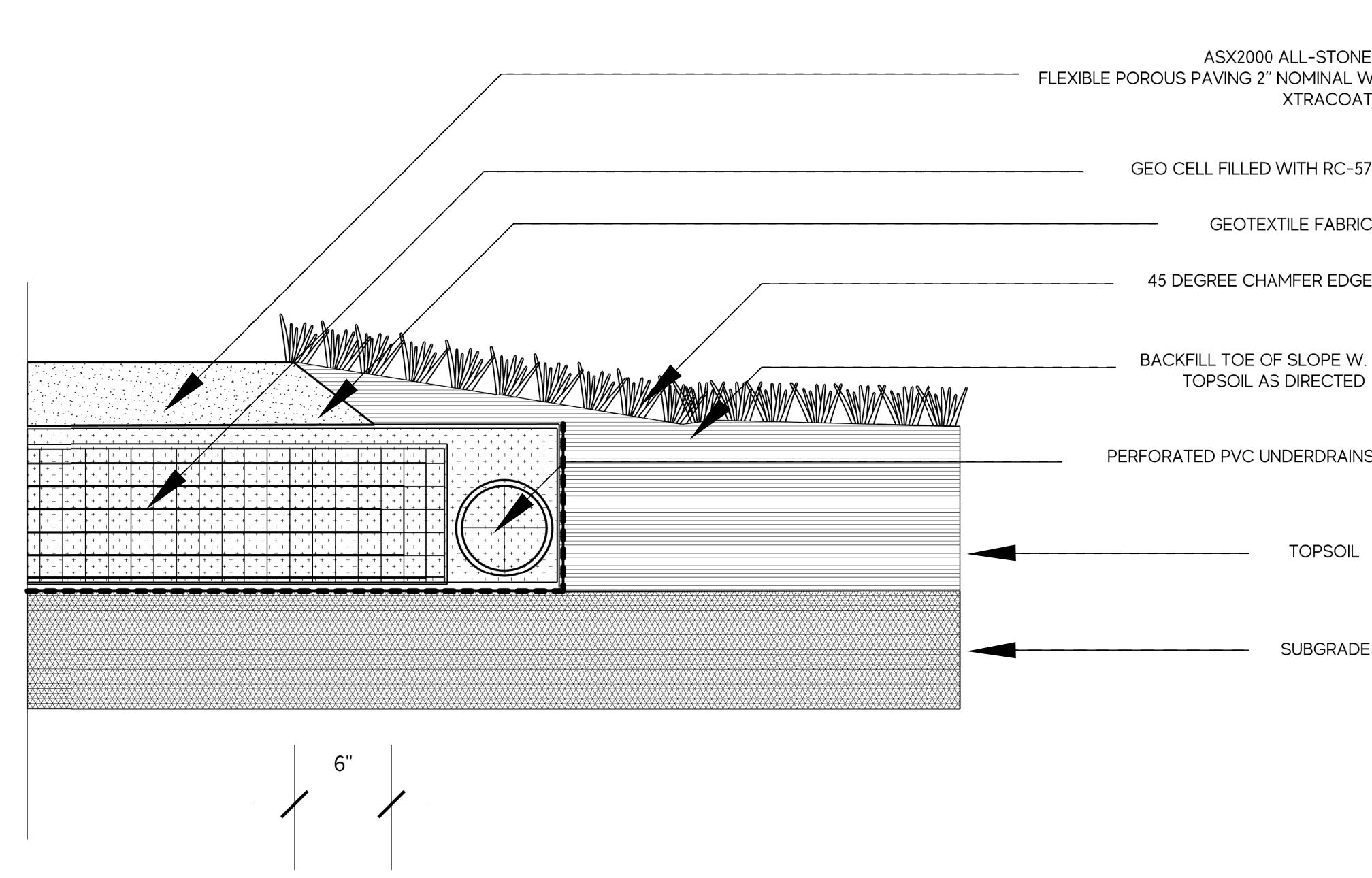
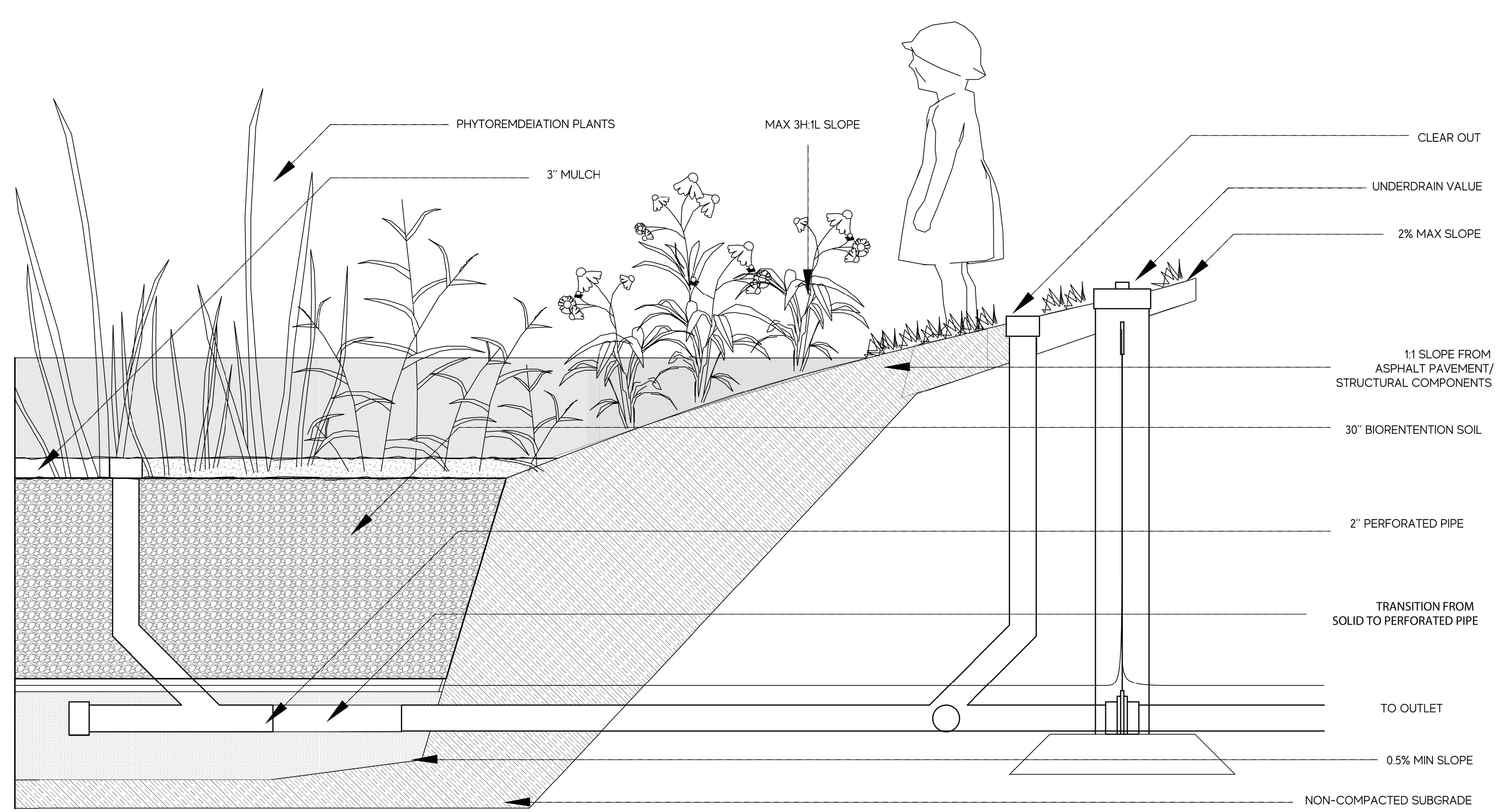
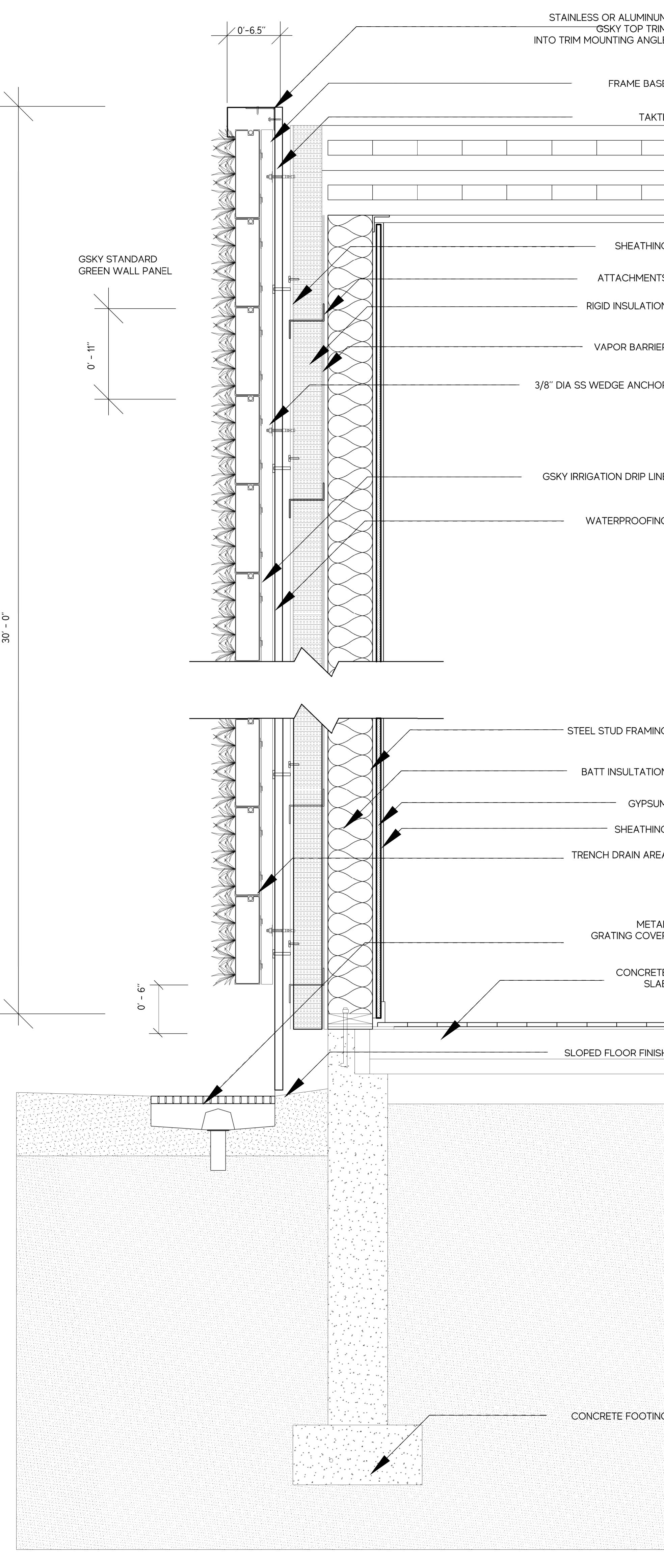
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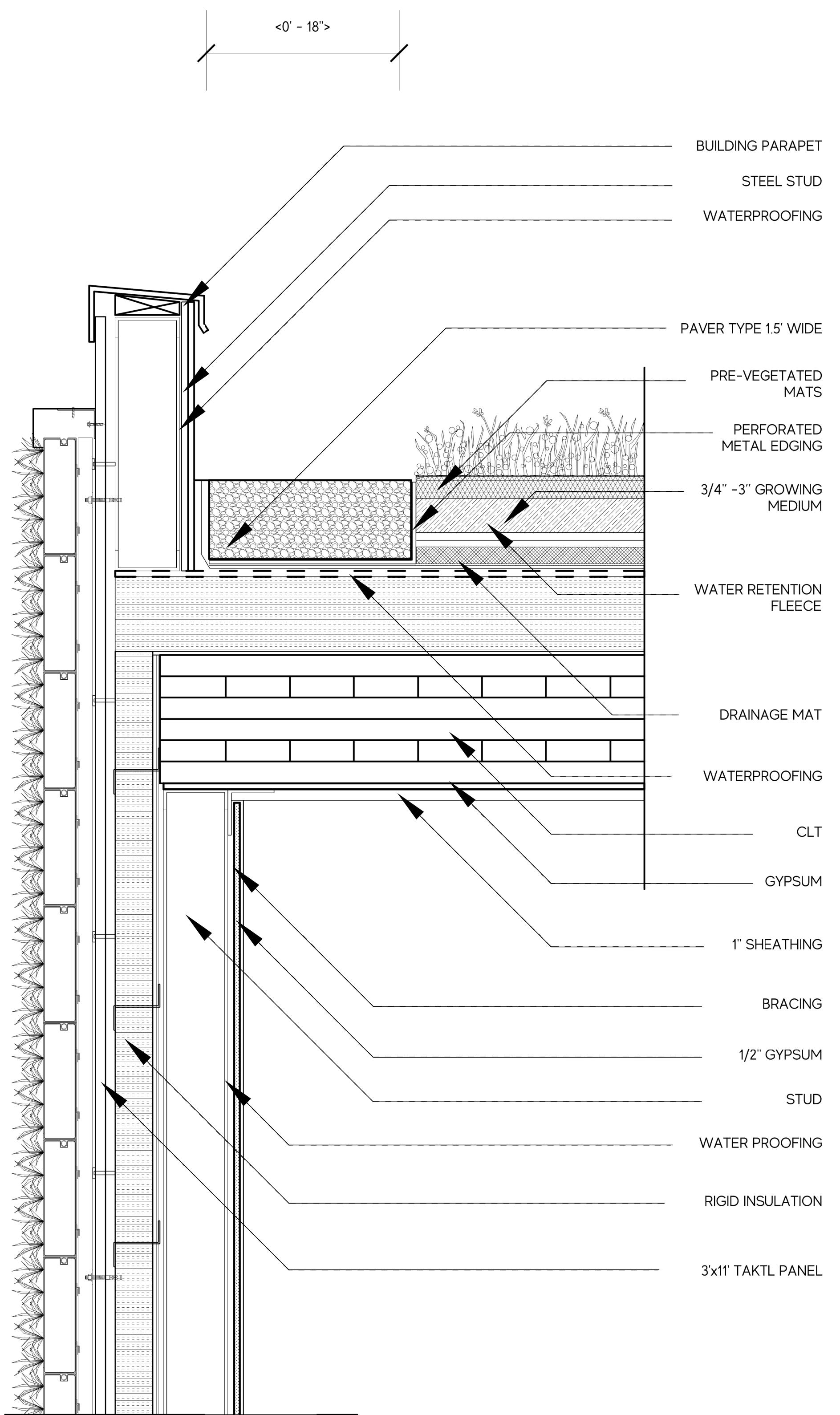


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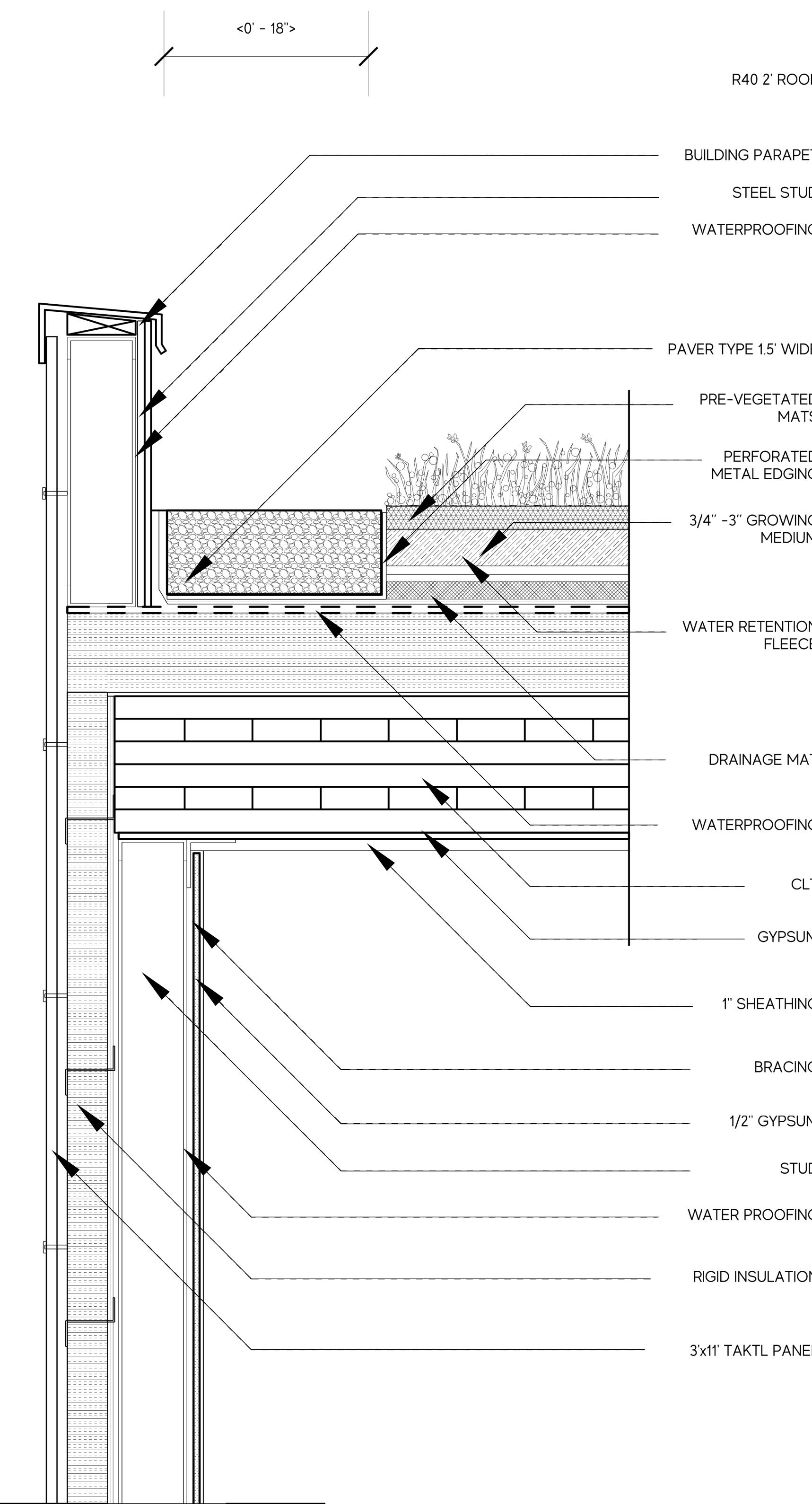
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Project No.:
Drawn : Longney L. Date : 12/09/2019
Checked : Akhil B. Scale : VARIES
Sheet Title : SYSTEMS SHEET: SITE DETAILS



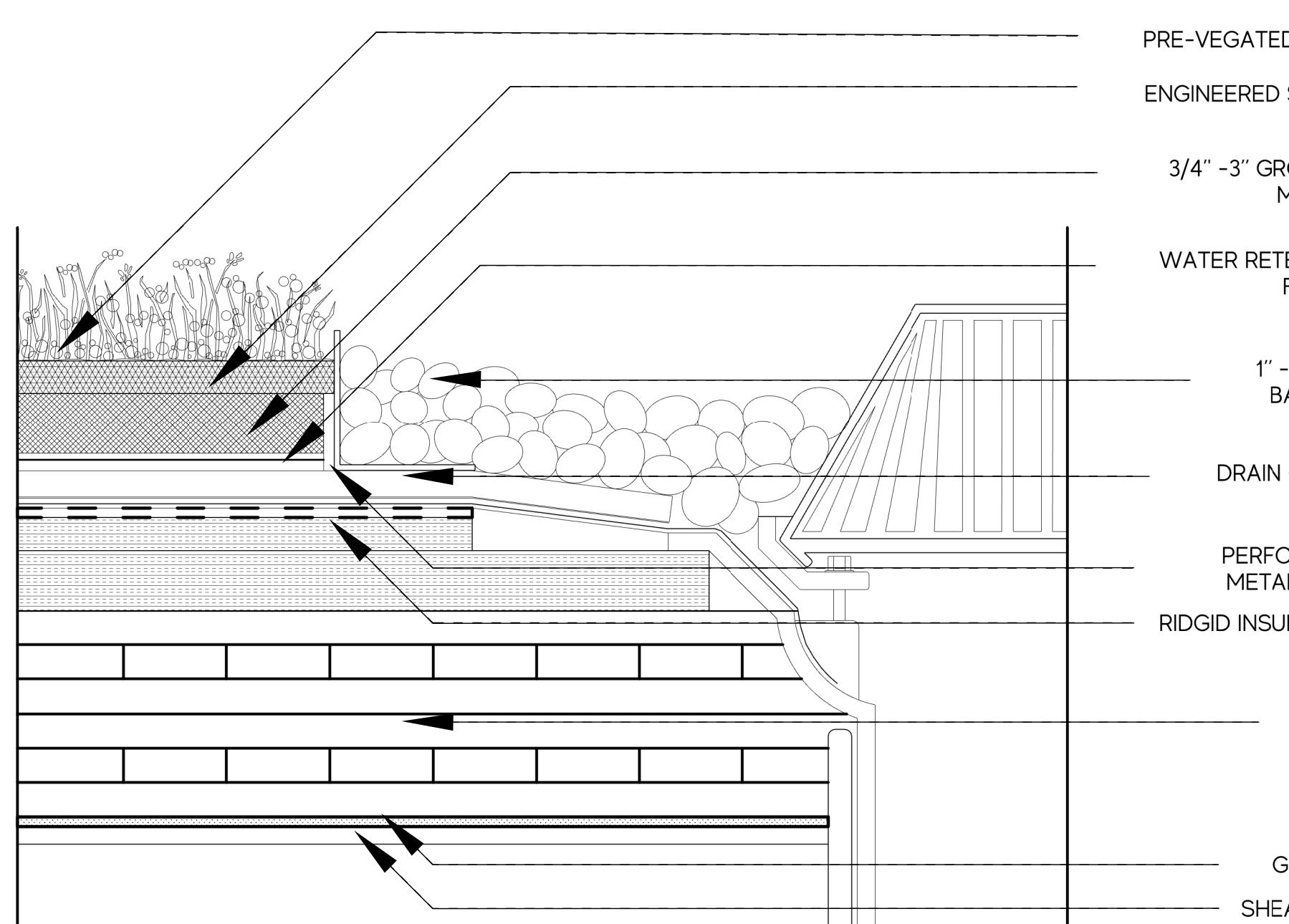
PODIUM GREEN ROOF DETAIL SECTION

SCALE: 1.5" - 1' - 0"



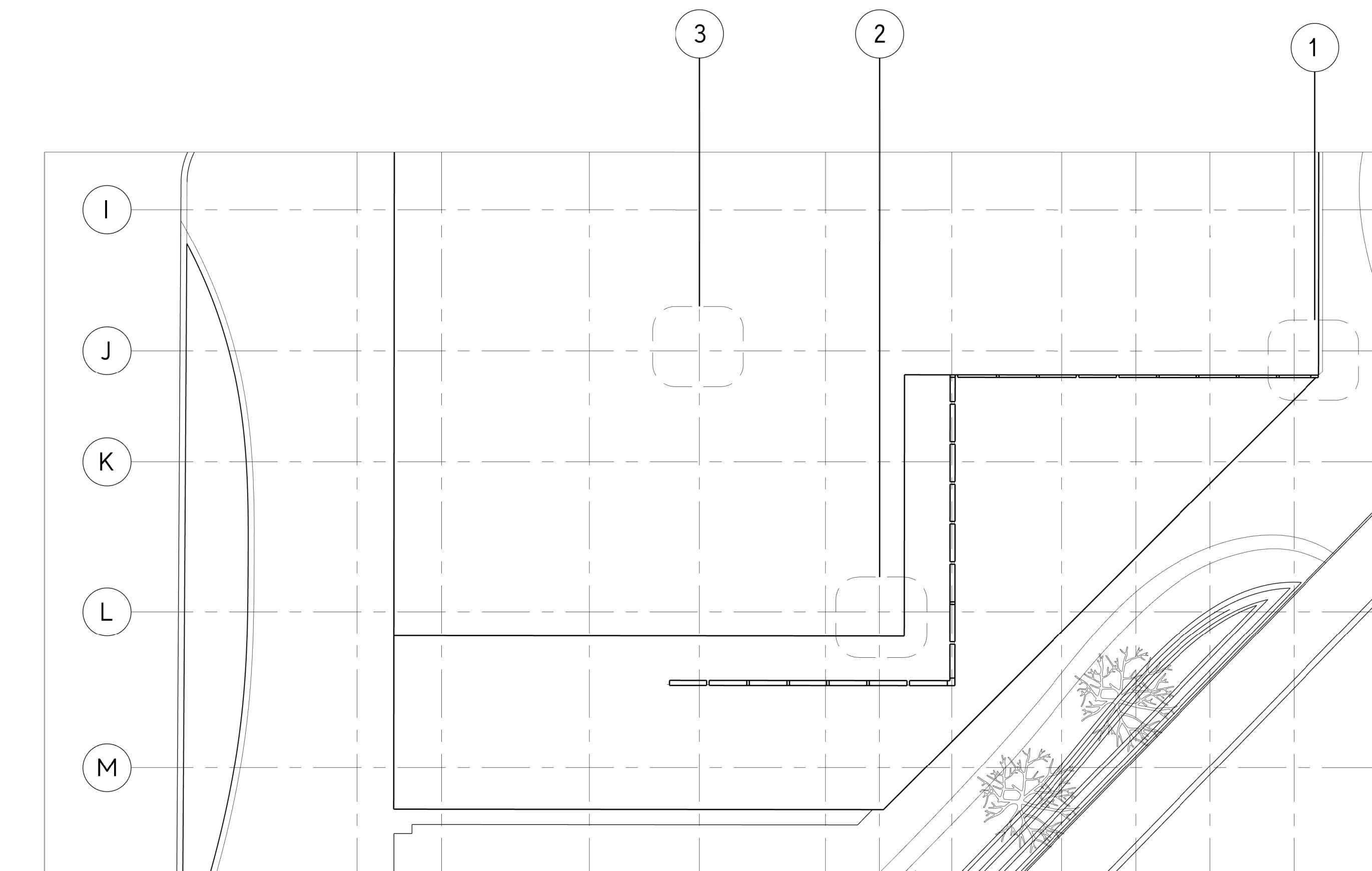
2 RESIDENTIAL GREEN ROOF DETAIL SECTION

SCALE: 1.5" - 1"



3 GREEN ROOF DRAINAGE SECTION DETAIL

3 SCALE: 1.5" - 1' - 0"



4 ENLARGED PODIUM PLAN

SCALE: 1/8" - 1'

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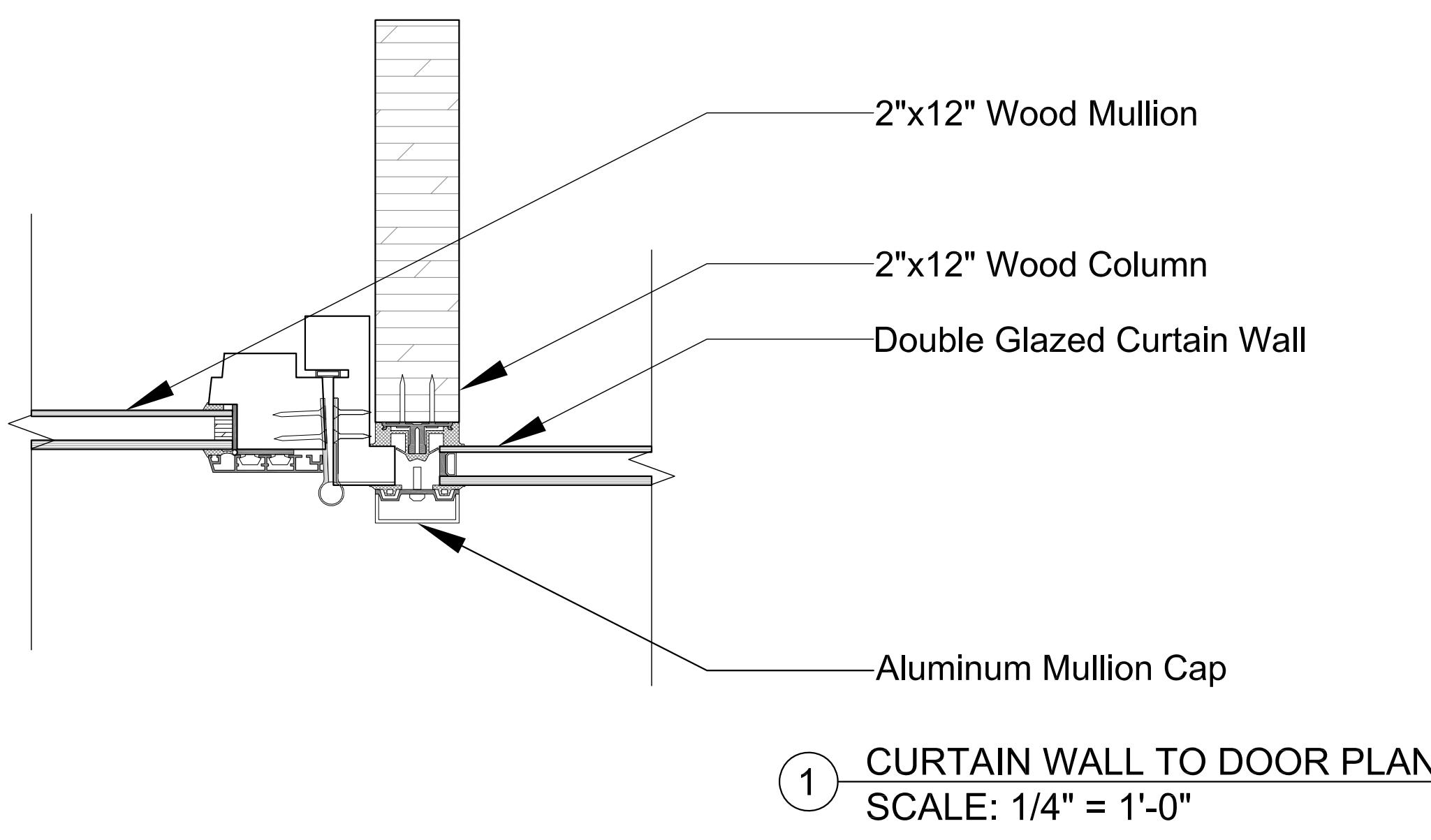
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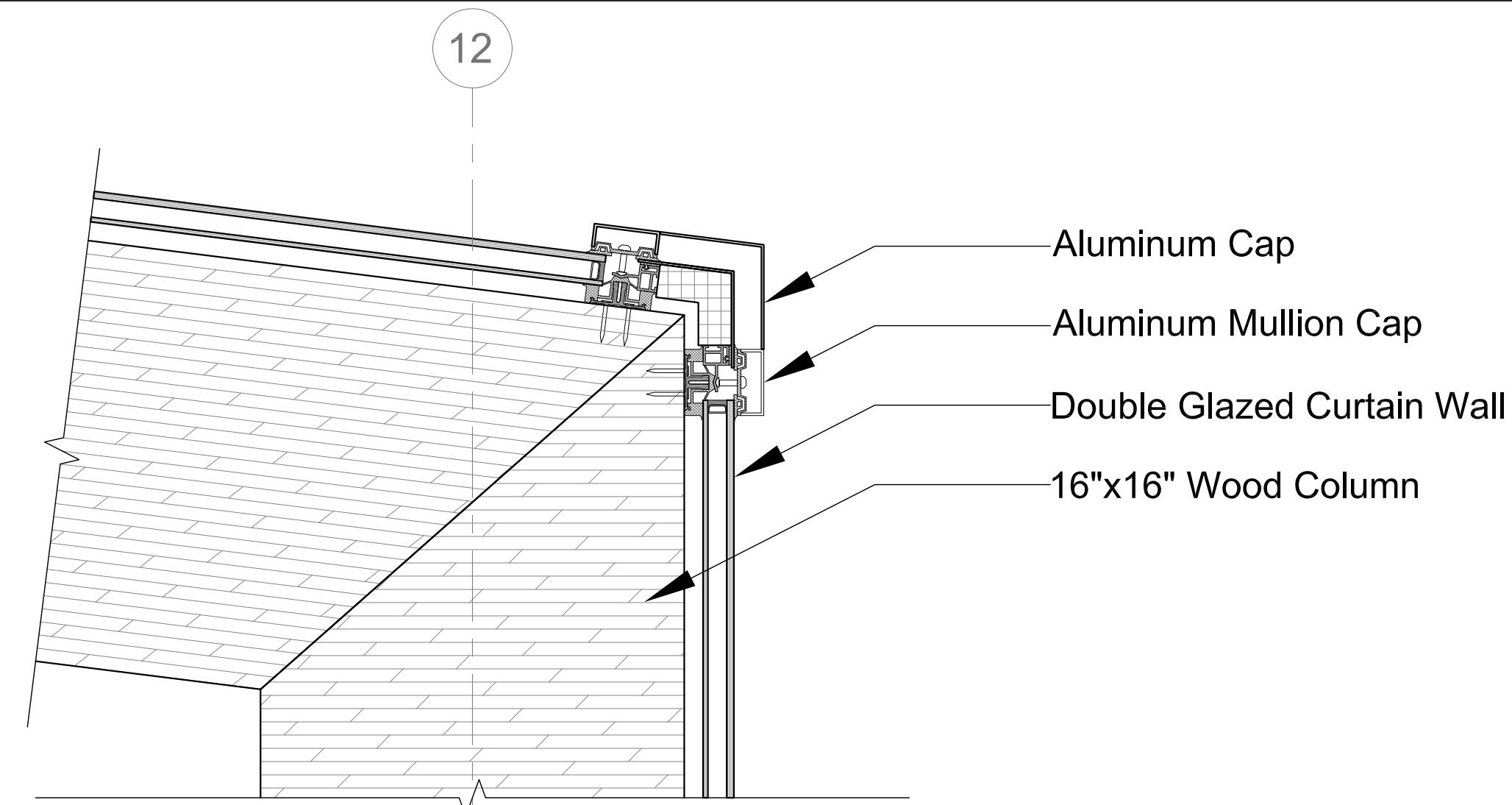
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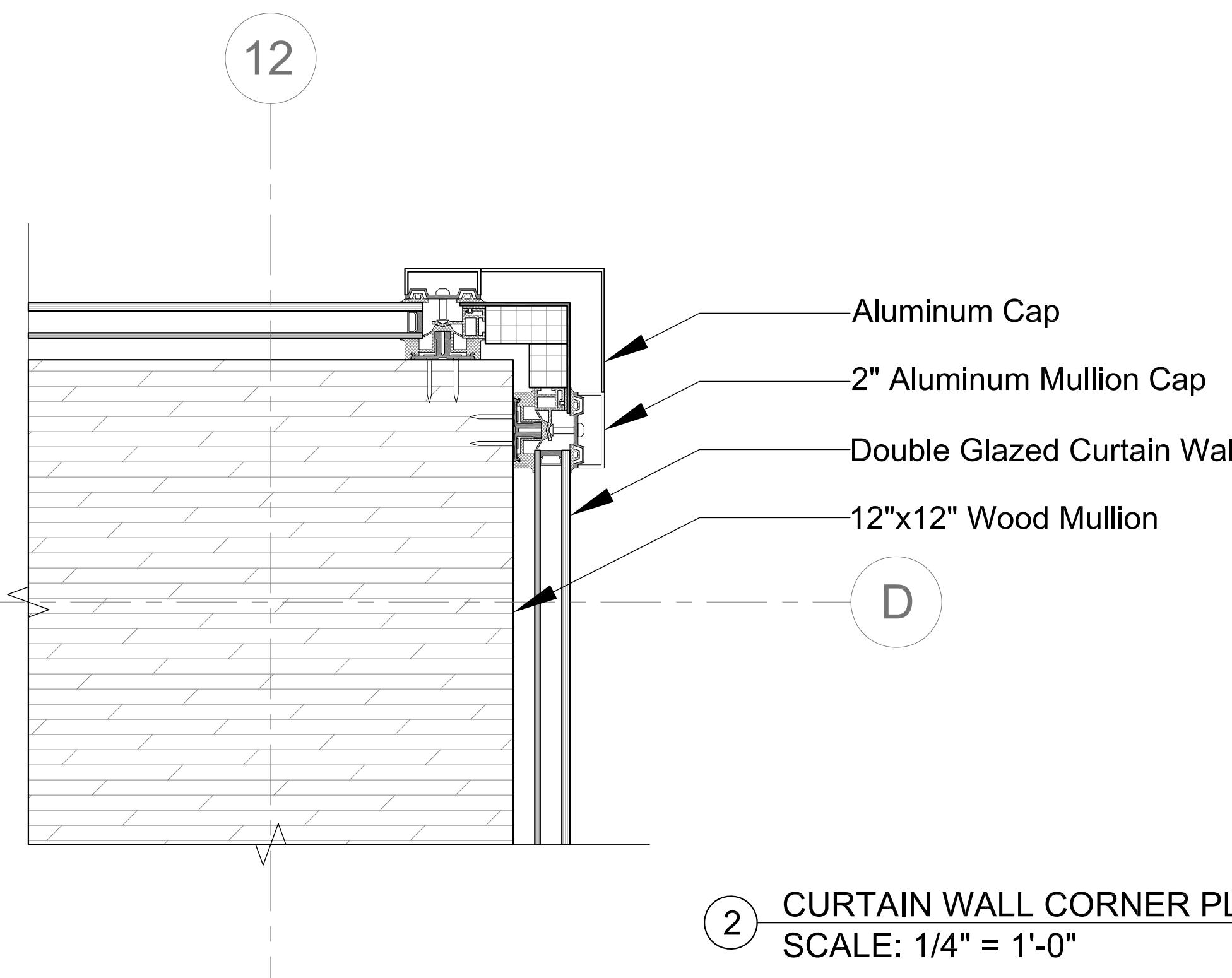
Project No :
Drawn : Longney L. Date : 12/09/2019
Checked : Akhil B. Scale : VARIES
Sheet Title : SYSTEMS SHEET: GREEN ROOF



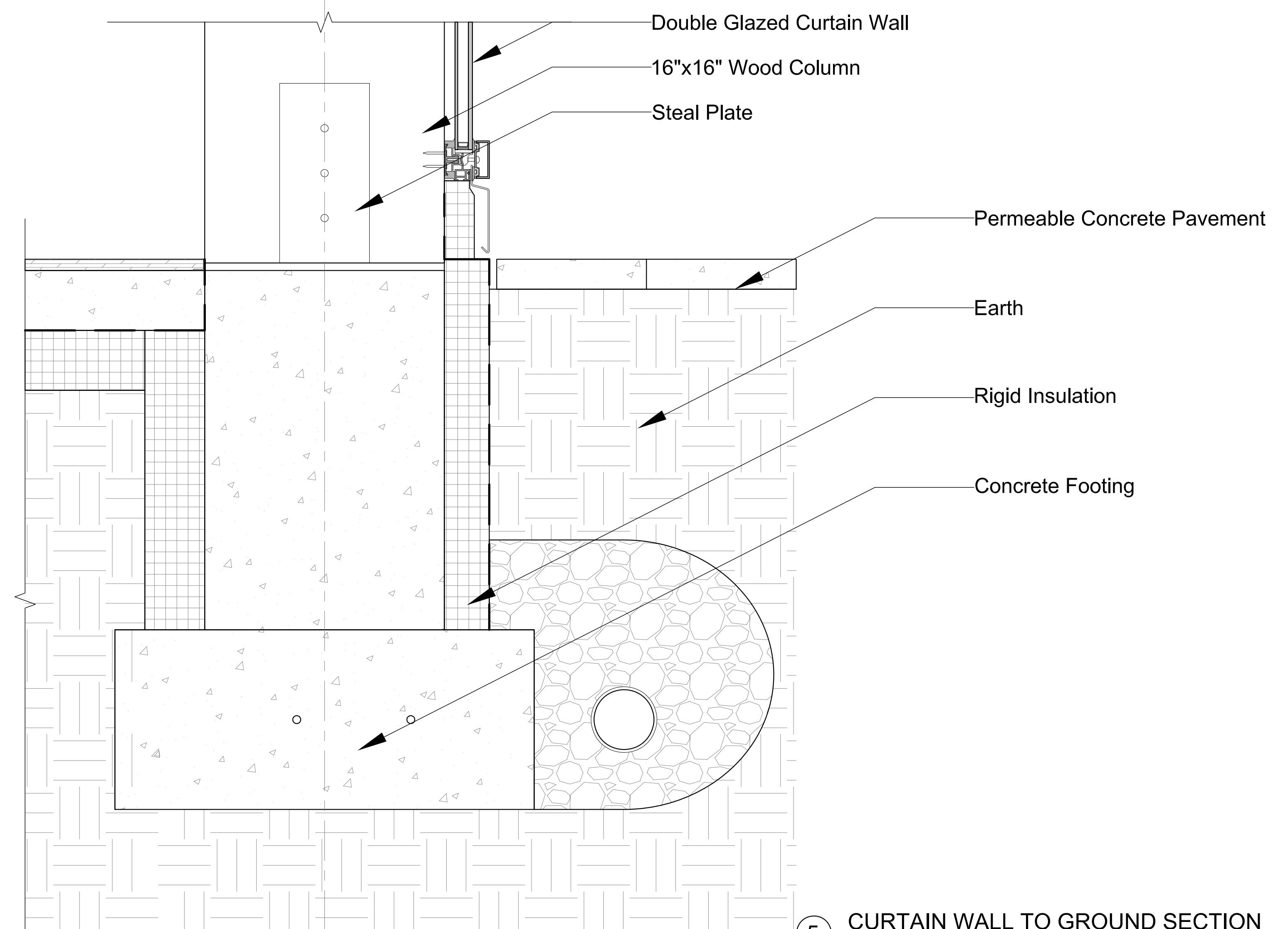
1 CURTAIN WALL TO DOOR PLAN
SCALE: 1/4" = 1'-0"



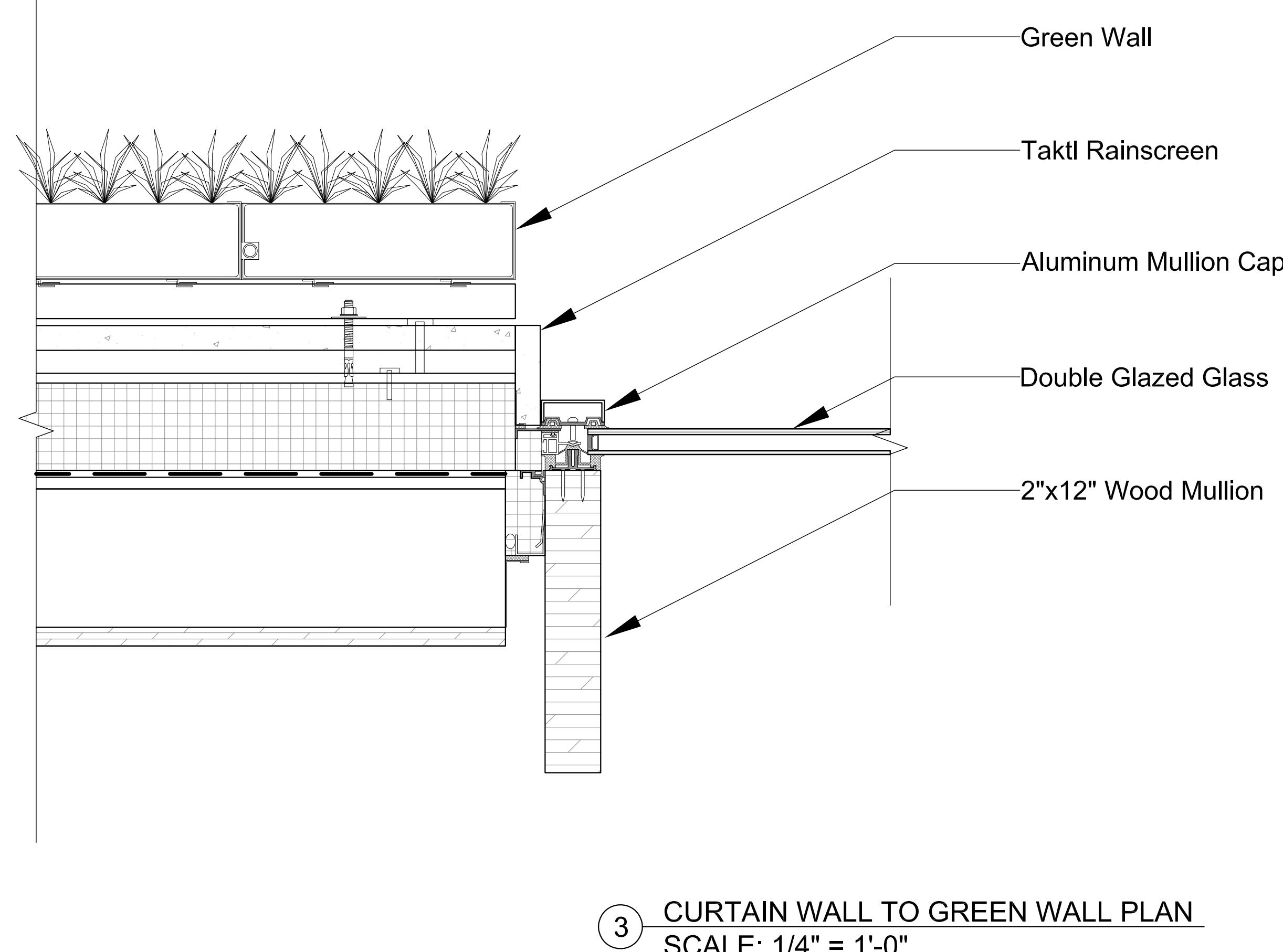
4 CURTAIN WALL TO GLASS ROOF SECTION
SCALE: 3/16" = 1'-0"



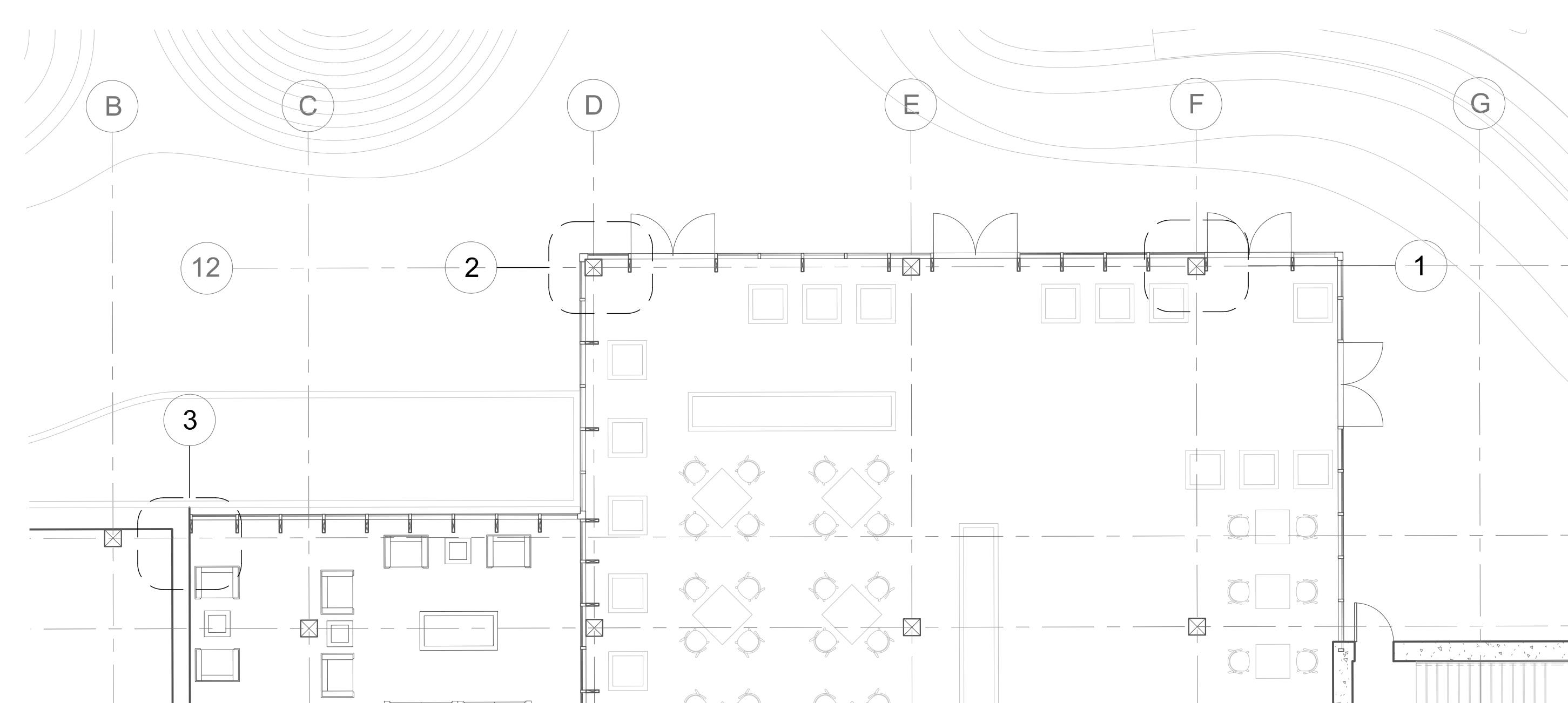
CURTAIN WALL CORNER PLAN
SCALE: 1/4" = 1'-0"



5 CURTAIN WALL TO GROUND SECTION
SCALE: 3/16" = 1'-0"



3 CURTAIN WALL TO GREEN WALL PLAN
SCALE: 1/4" = 1'-0"





ENLARGED CAFE 1ST FLOOR PLAN

6 SCALE: 1/8" = 1'-0"

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Project No :
Drawn : Isabella O. Date : 12/09/2019
Checked : Akhil B. Scale : VARIES
Sheet Title : SYSTEMS SHEET: CURTAIN WALL

Drawing Number: A-403

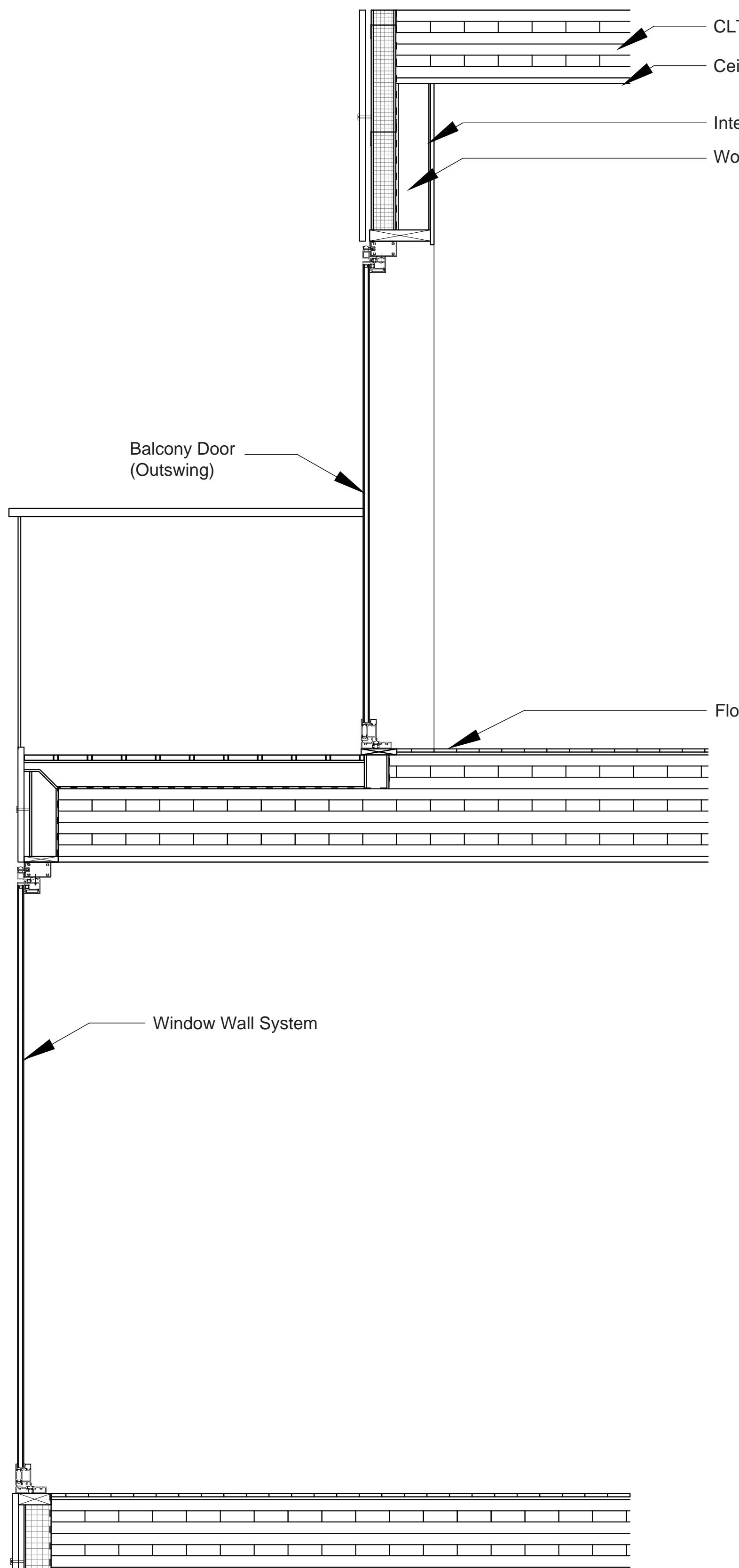
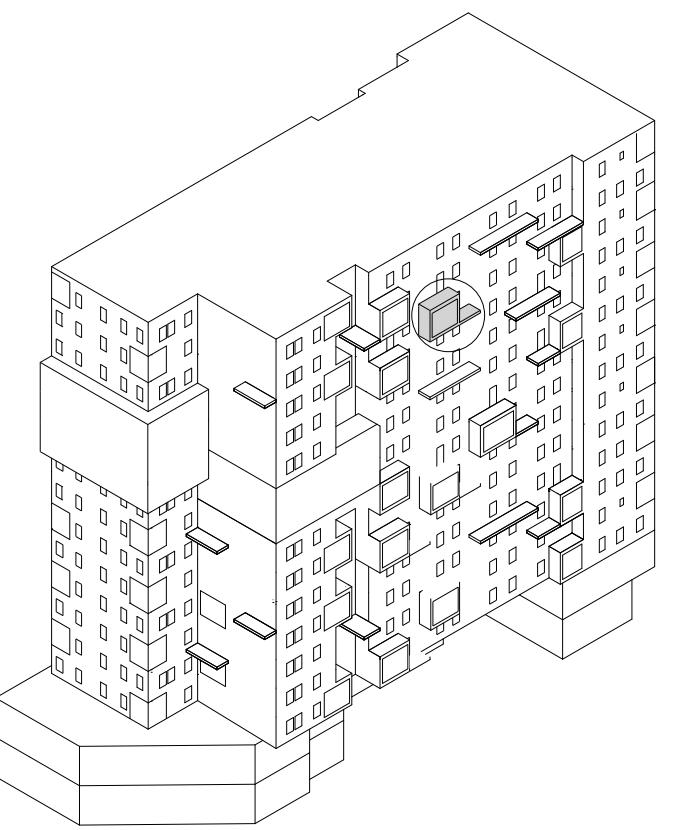
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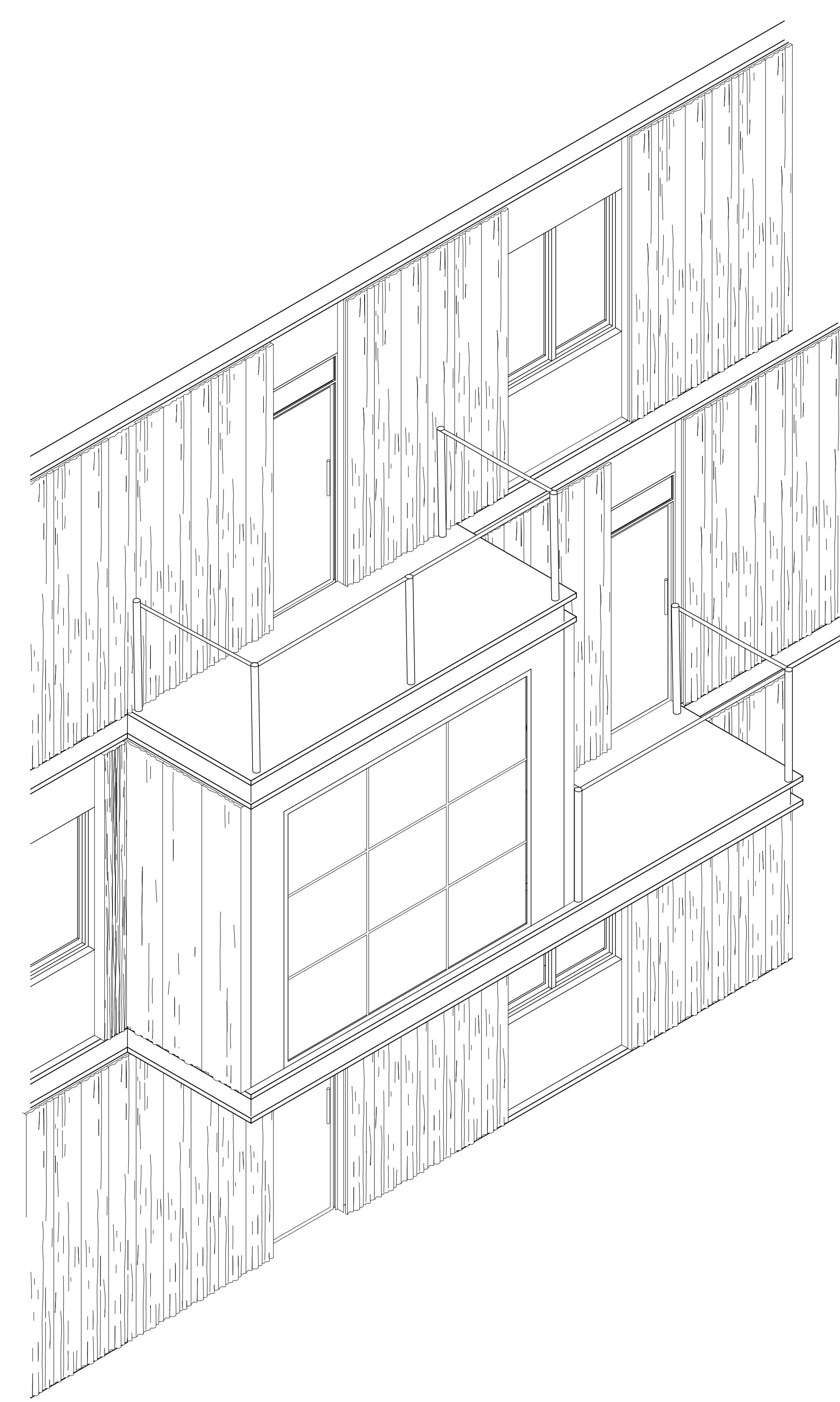
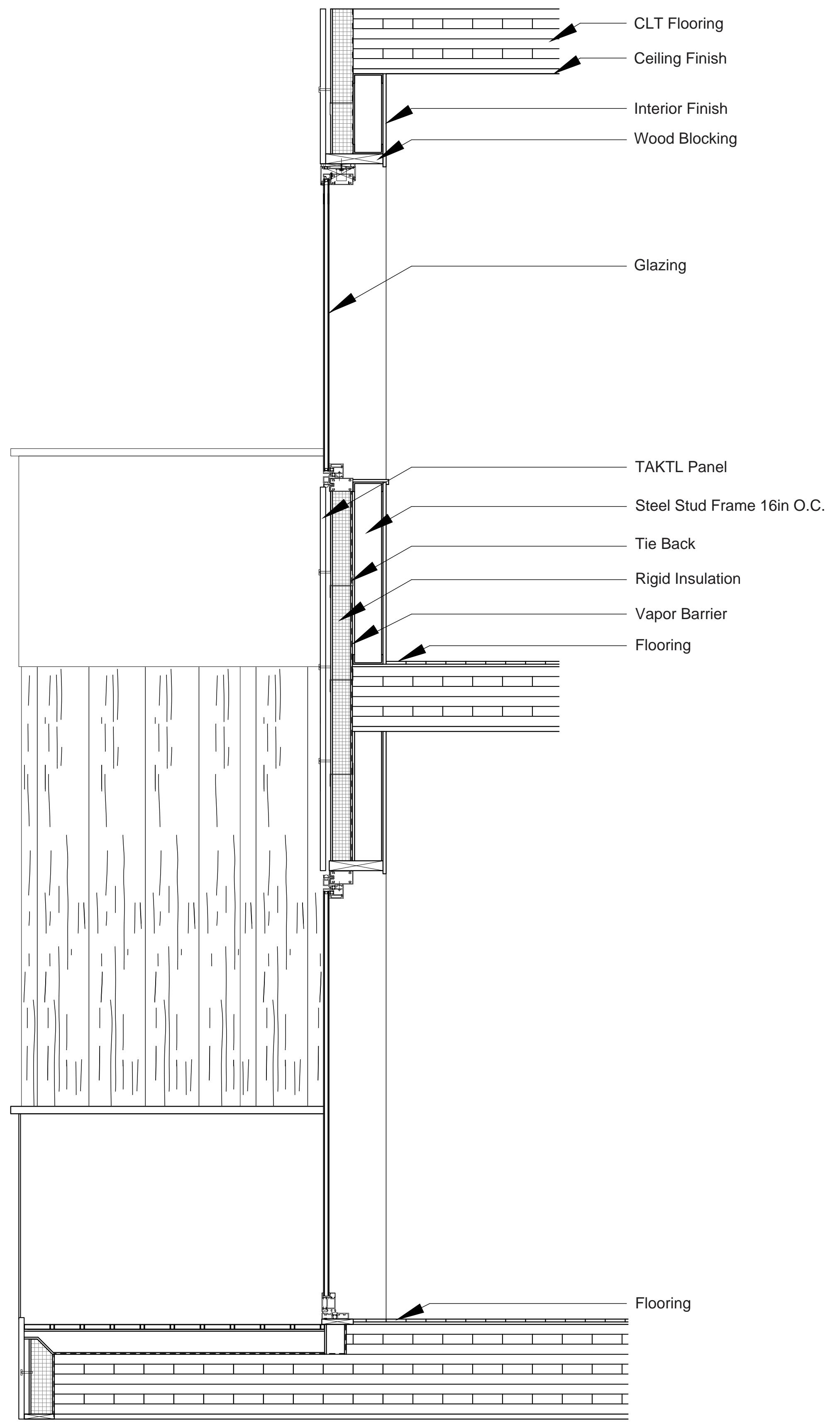
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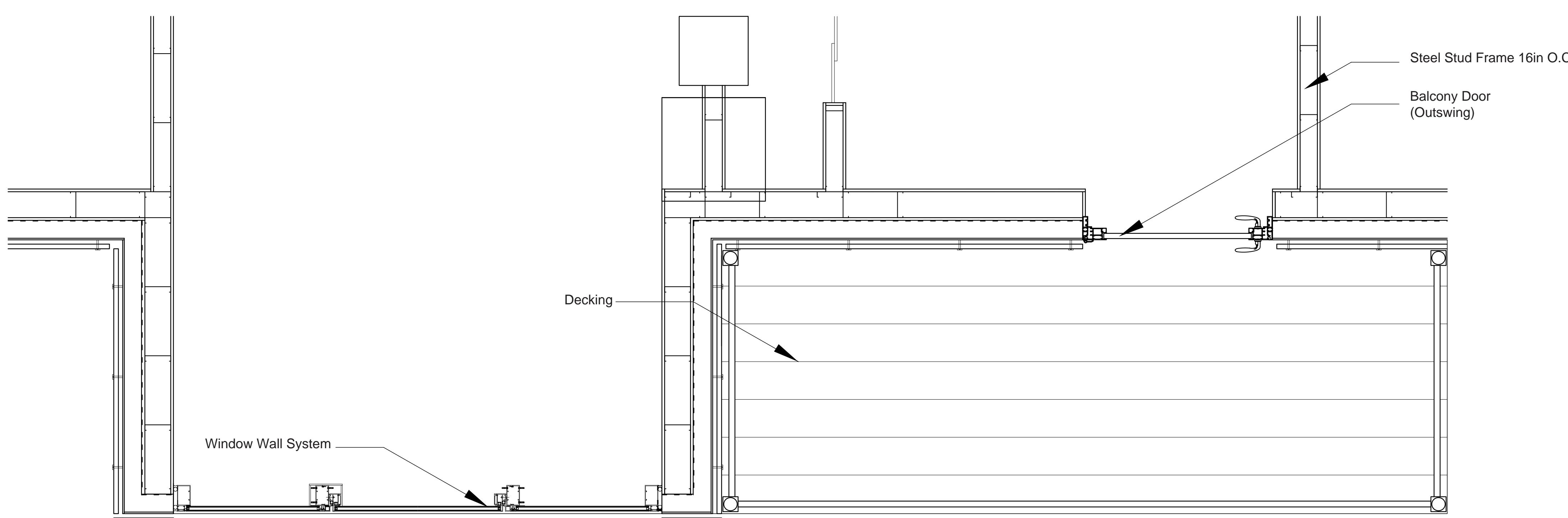
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① SECTION DETAIL: UNIT EXTRUSION (ENCLOSED AND OPEN)
SCALE: 3/4" = 1'-0"



③ ENLARGED ISOMETRIC



② PLAN DETAIL: UNIT EXTRUSION
SCALE: 3/4" = 1'-0"



④ ENLARGED ELEVATION (EAST)
SCALE: 1/2" = 1'-0"

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Project No :
Drawn : Chitika V. Date : 12/09/2019
Checked : Akhil B. Scale : VARIES
Sheet Title : SYSTEM SHEET: FACADE

A-404

Drawing Number :