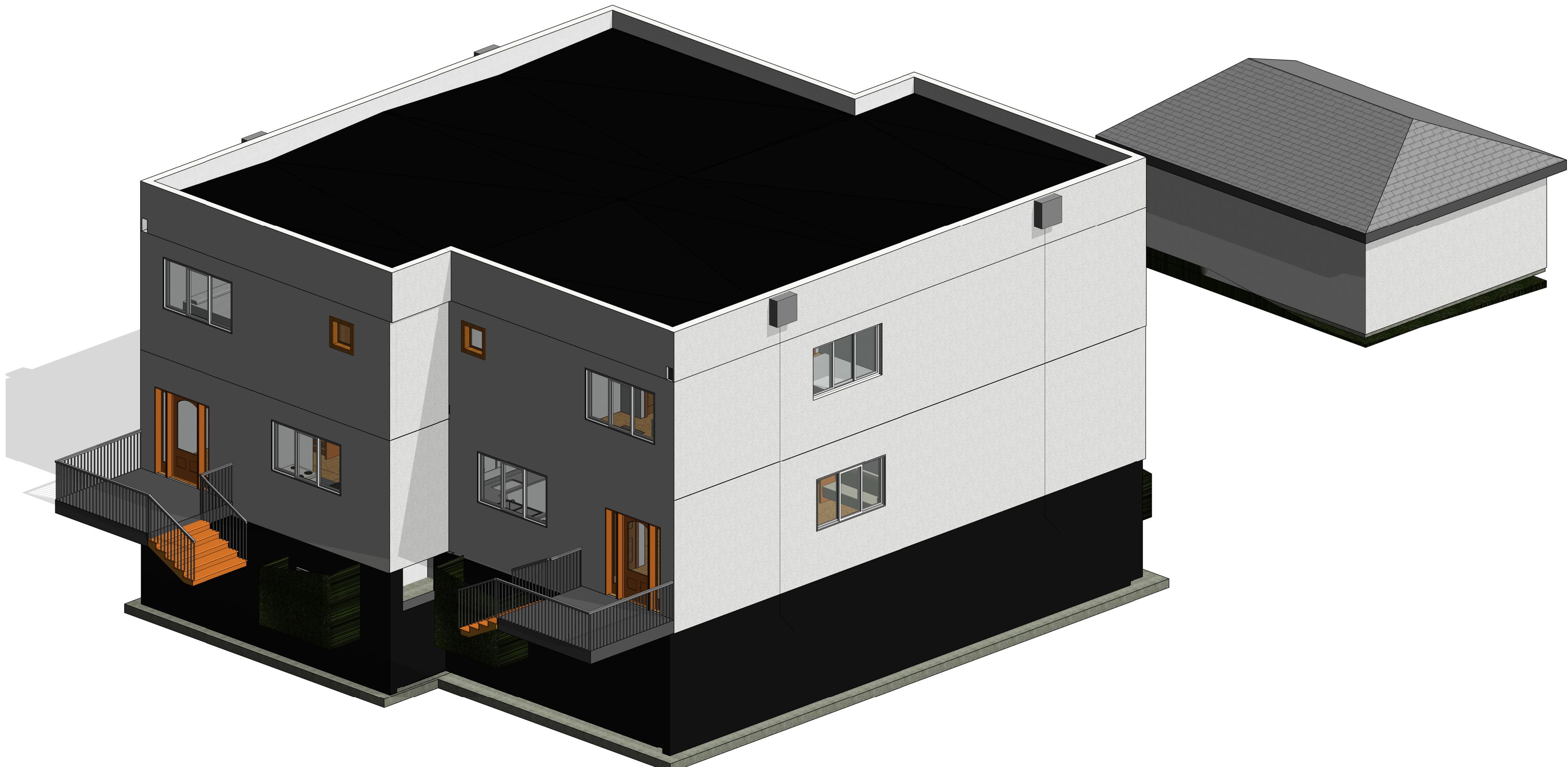




SEMI-DETACHED DWELLING- SEMESTER 2



1720 25 Ave SW

PLAN 4961HL, BLOCK 2, LOT 1

DRAWING LIST

- A0.0 COVER PAGE
A1.0 INFORMATION SHEET
A1.1 DOOR AND WINDOW SCHEDULE
A2.0 SITE PLAN
A2.1 BASEMENT PLAN
A2.2 FIRST FLOOR PLAN
A2.3 SECOND FLOOR PLAN
A2.4 ROOF PLAN
A2.5 FLOOR FRAMING PLAN
A2.6 FLOOR FRAMING PLAN
A2.7 ELECTRICAL PLAN
A3.0 NORTH/SOUTH ELEVATION
A3.1 EAST/ WEST ELEVATION
A2.2 GARAGE PLAN
A3.3 GARAGE ELEVATION
A4.0 STAIRS SECTION
A4.1 LANDING SECTION
A5.0 ENLARGEMENT PLAN
A6.0 WALL SECTION
A6.1 DETAIL

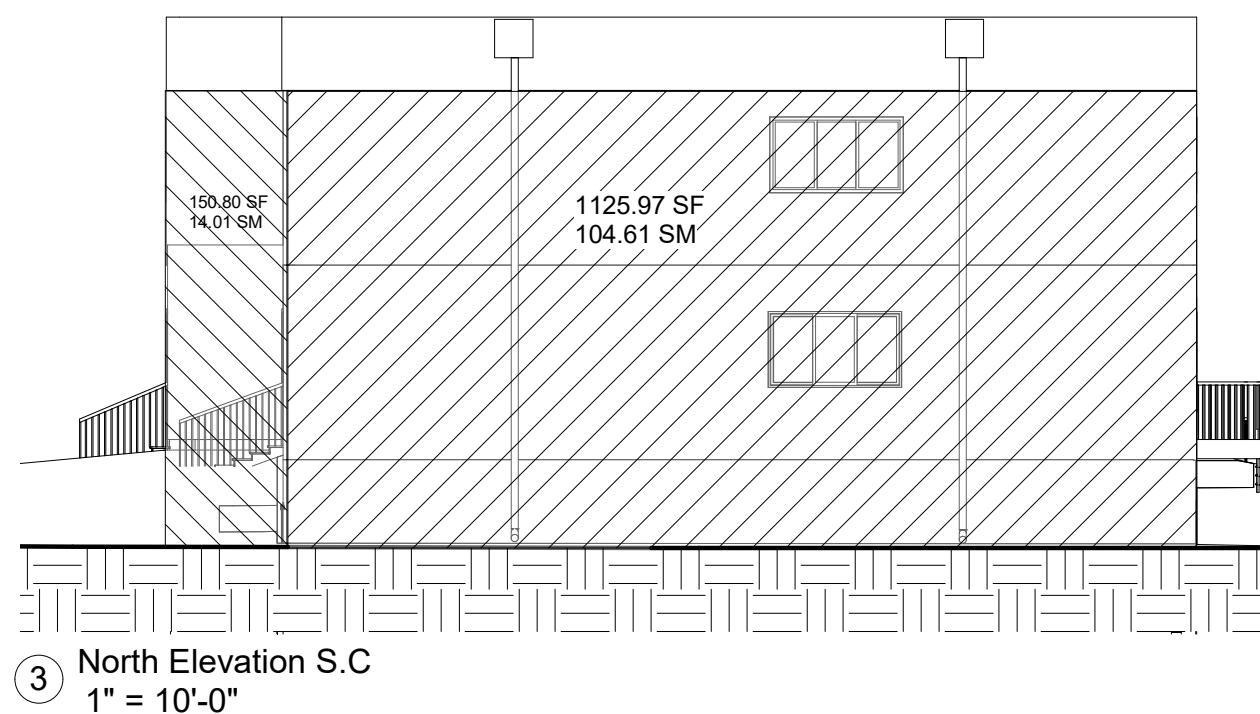
Pariza Sachedina

Semi-detacged dwelling SEM2 cover page

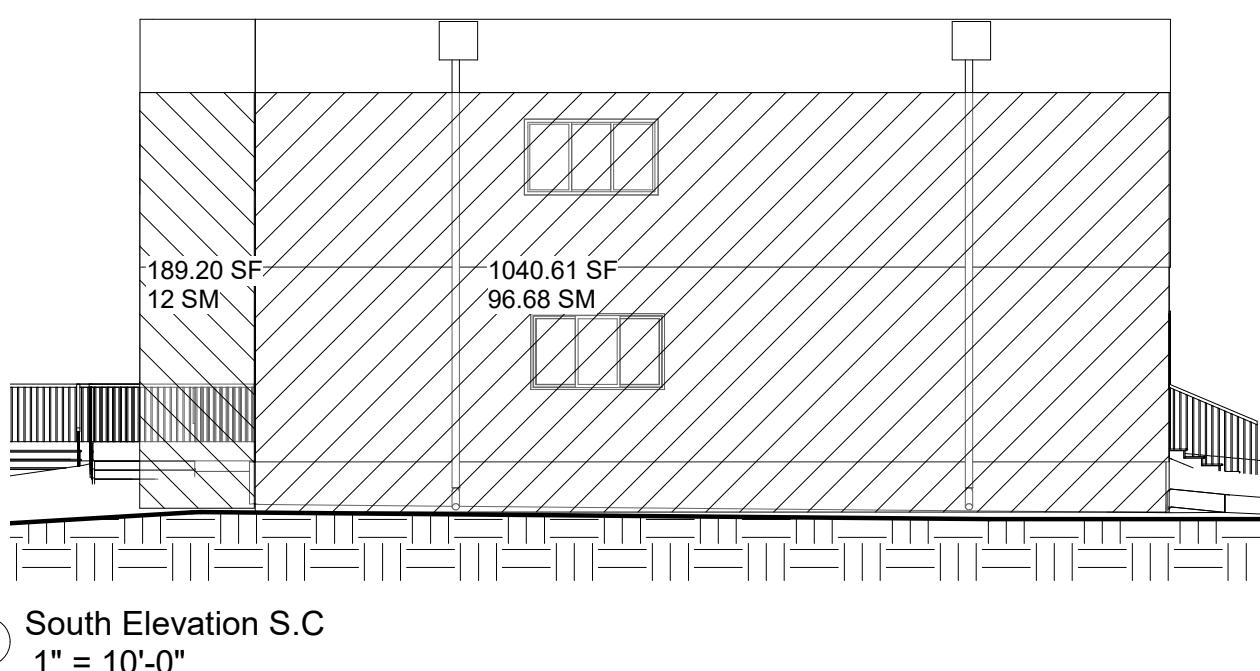
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Date	20/08/2021
Drawn by	P.S
Checked by	MJ, WS
A0.0	
Scale	

GENERAL NOTES

1. Dimensions to exterior walls taken to face of exterior sheathing
 2. Dimensions to interior walls taken to the center of wall
 3. Provide minimum 4" return to interior doors to perpendicular walls unless noted otherwise.
 4. The contractor shall verify all job site conditions and related dimensions.
 5. All constructions shall be in accordance to the lastest edition of the Alberta Building Code
 6. The contractor shall be responsible for the safety in and around the jobsite and of adjacent properties.
 7. Unless otherwise noted, all details, sections and notes shown on these drawings are intended to be typical. unless specified and shall apply similar conditions elsewhere.
 8. The contractor and owner shall keep loads on the structure within the limits of the design both during and after construction.
 9. All written dimensions take precedence over scale.
 10. Manufacturer's specifications for installation of materials shall be followed.
 11. Contradictory drawings shall be brought to attention of the engineer and/or designer before proceeding with any work involved.

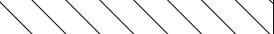
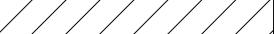


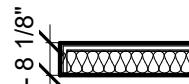
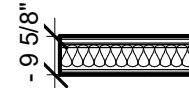
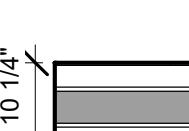
3 North Elevation S.C
1" = 10'-0"

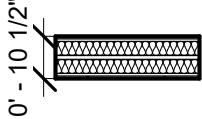
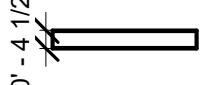
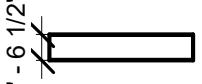
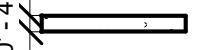
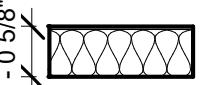


4 South Elevation S.C.
1" = 10'-0"

SPACIAL SEPARATION CALCULATION

EBF	Legend	Limiting distance (m)	Surface area (m ²)	% Allowed opening	Opening area (m ²)	% Actual opening	Notes
North		1.2	104.61	7	5.12	4.89	
		8.4	14.01	100	0	0	
South		1.2	96.68	7	5.12	5.30	
		8.1	12	100	0	0	
East		19.5	47.14	100	7.99	16.95	
		17.7	44.53	100	7.99	17.94	
West		21.1	41.95	100	9.13	21.76	
		22.9	48.16	100	9.13	18.96	

	label	Image	Assembly Notes	Notes
EXTERIOR	EW1		<p>EXTERIOR STUCCO</p> <p>1/2" Gypsum 6 mil polyethelyne R22 mineral fiber insulation 2x6 wall stud 24" O.C. 3/8" OSB exterior sheathing Tyvek house wrap self-furring metal lash 1" air gap 3/4" Stucco RSI: 8.28 FRR: -</p>	
	EW2		<p>EXTERIOR PARTY WALL</p> <p>5/8" Gypsum Type X 5/8" Gypsum Type X 2x6 wall stud 600mm O.C. 3/8" OSB 1" Air gap 177.8mm Stucco</p>	
	PW1		<p>PARAPET STUCCO</p> <p>3/4" Stucco 1" air gap Tyvek house wrap 3/8" OSB exterior sheathing R22 mineral fiber insulation 2x6 wall stud 24" O.C. 3/8" OSB exterior sheathing Tyvek house wrap 1" air gap 3/4" Stucco</p>	
FOUNDATION	FW1		<p>FOUNDATION WALL</p> <p>1/2" Gypsum 6 mil poly 2x6 wall stud 24" O.C. R22 Glass mineral fiber 1" air gap 8" concrete RSI: 6.92 FRR: -</p>	
	FW2		<p>BASEMENT PARTY WALL</p> <p>5/8" Gypsum 2x6 wall stud 24" O.C. 1" Air gap 8" Concrete 1" Air gap 2x6 wall stud 24" O.C. 5/8" Gypsum</p>	

label	Image	Assembly Notes	Notes
IW1		<p>PARTY WALL</p> <p>5/8" Gypsum Type X 5/8" Gypsum Type X 2x4 wall stud 24" O.C. 3 1/2" absorptive material 1" Air gap 3 1/2" absorptive material 2x4 wall stud 24" O.C. 5/8" Gypsum Type X 5/8" Gypsum Type X FRR: -1.5hr*</p>	*W15a from Tble 9.10.3.1.-A
IW2		<p>INTERIOR WALL</p> <p>1/2" Gypsum 2x4 wall stud 24" O.C. 1/2" Gypsum</p>	
IW3		<p>PLUMBING WALL</p> <p>1/2" Gypsum 2x6 wall stud 24" O.C. 1/2" Gypsum</p>	
FLOOR	F1		<p>BASEMENT FLOOR SLAB</p> <p>4" Concrete slab 10mil polyethylene</p>
	F2		<p>INTERIOR FLOOR</p> <p>3/4" OSB Subfloor 11 7/8" TJI 110 joists at 24" O.C.</p>

CODE REVIEW

Major occupancy: Group C- Residential
9.10.2

Building area: 211.65m²

Building height: 2 Storeys
1.4.1.2

<u>Floor area:</u>		unit 1	unit 2
1.4.1.2	Basement:(m ²)	92.03	88.41
	Main floor:(m ²)	97.24	95.77
	Second floor:(m ²)	97.75	95.25

<u>Occupant load:</u>	2x 1-Bedroom
9.9.1.3	Basement: 2 persons
	Main floor: 0 persons
	Second floor: 6 persons
	TOTAL: 8 persons
	(2 units: 16 persons)

SYMBOL LEGEND

	Window Tag
	Door Tag
	Enlargement Elevation Tag
	Elevation Tag
	Wall Tag
	Detail Mark
	Wall Section
	Exterior Wall Tag
	Floor Tag
Room Name 000 SF	Room Tag
	North arrow
	Spot elevation marker

ABBREVIATIONS

B.O	Bottom Of
T.O	Top Of
DN	Down
REQ.	Required
MIN.	Minimum
MAX.	Maximum
T.D	Trunk Diameter
TYP.	Typical



Architectural Technologies

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Semi-detacged dwelling SEM2

Information sheet

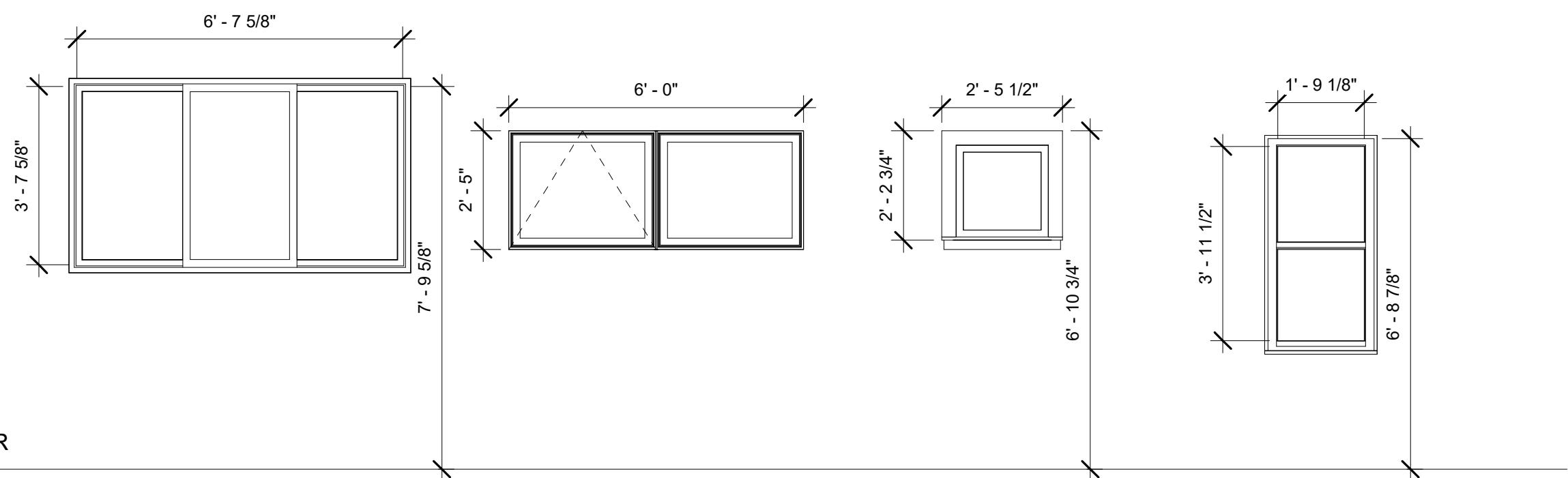
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Drawn by	Author
Checked by	Checker
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Scale	As indicated

A1.0

As indicated

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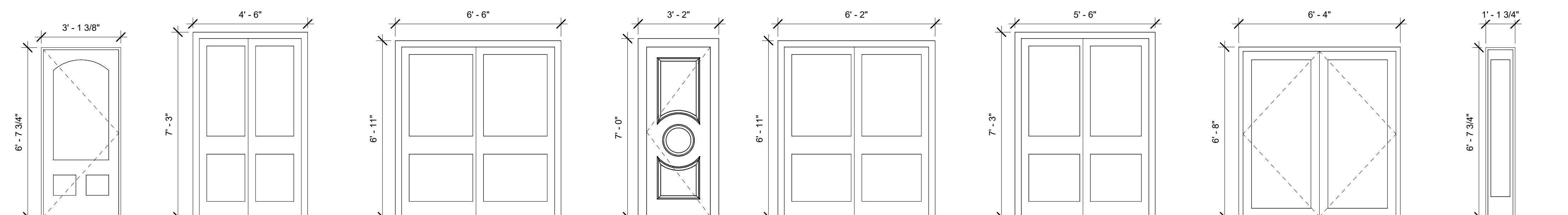
LINE OF FINISHED FLOOR



Window legend
3/8" = 1'-0"

Window Schedule

Type Mark	Count	Family and Type	Height	Width	Manufacturer	Rough Height	Rough Width	Comments
1	12	Window-Sliding_XOX-Pella-Third_Vent-350_Series: 83 1/2" x 47 1/2"	3' - 11 1/2"	6' - 11 1/2"	Pella Corporation	4' - 0"	7' - 0"	
2	4	Window-Awning-Pella-Impervia-Multi_Wide: Fixed Vent	2' - 5"	6' - 0"	Pella	2' - 5 3/4"	6' - 0 3/4"	
3	2	Fixed with Trim: 24" x 24"	2' - 0"	2' - 0"				
4	2	Window-Double_Hung-Pella-350_Series: 27 1/2" x 53 1/2"	4' - 5 1/2"	2' - 3 1/2"	Pella Corporation	4' - 6"	2' - 4"	



 door schedule
3/8" = 1'-0"

Door Schedule

Door Schedule								
Type Mark	Count	Family	Manufacturer	Height	Width	Rough Height	Rough Width	Comments
1	4	M_Door-Exterior-Single-Entry-Half Arch Glass-Wood_Clad		6' - 6 3/4"	2' - 11 3/8"	6' - 7 3/4"	3' - 1 3/8"	
2	4	M_Door-Exterior-Side_Lite-Full Flat Glass-Wood_Clad		6' - 6 3/4"	0' - 11 3/4"	6' - 7 3/4"	1' - 1 3/4"	
3	4	Sliding-Closet		6' - 8"	6' - 0"			
4	2	Double-Glass 1		7' - 0"	5' - 8"			
5	12	Sliding-Closet		7' - 0"	4' - 0"			
6	12	door-trustile_doors-ts3140	TruStile Doors, LLC	6' - 8"	2' - 6"	7' - 0"	3' - 2"	
7	6	Single-Flush		6' - 8"	2' - 6"			
8	2	M_Door-Garage-Embossed_Panel		6' - 10 5/8"	7' - 10 1/2"	6' - 11 5/8"	8' - 0 1/2"	

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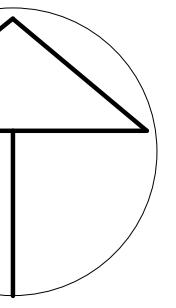
Semi-detached dwelling SEM2

Door and window schedule

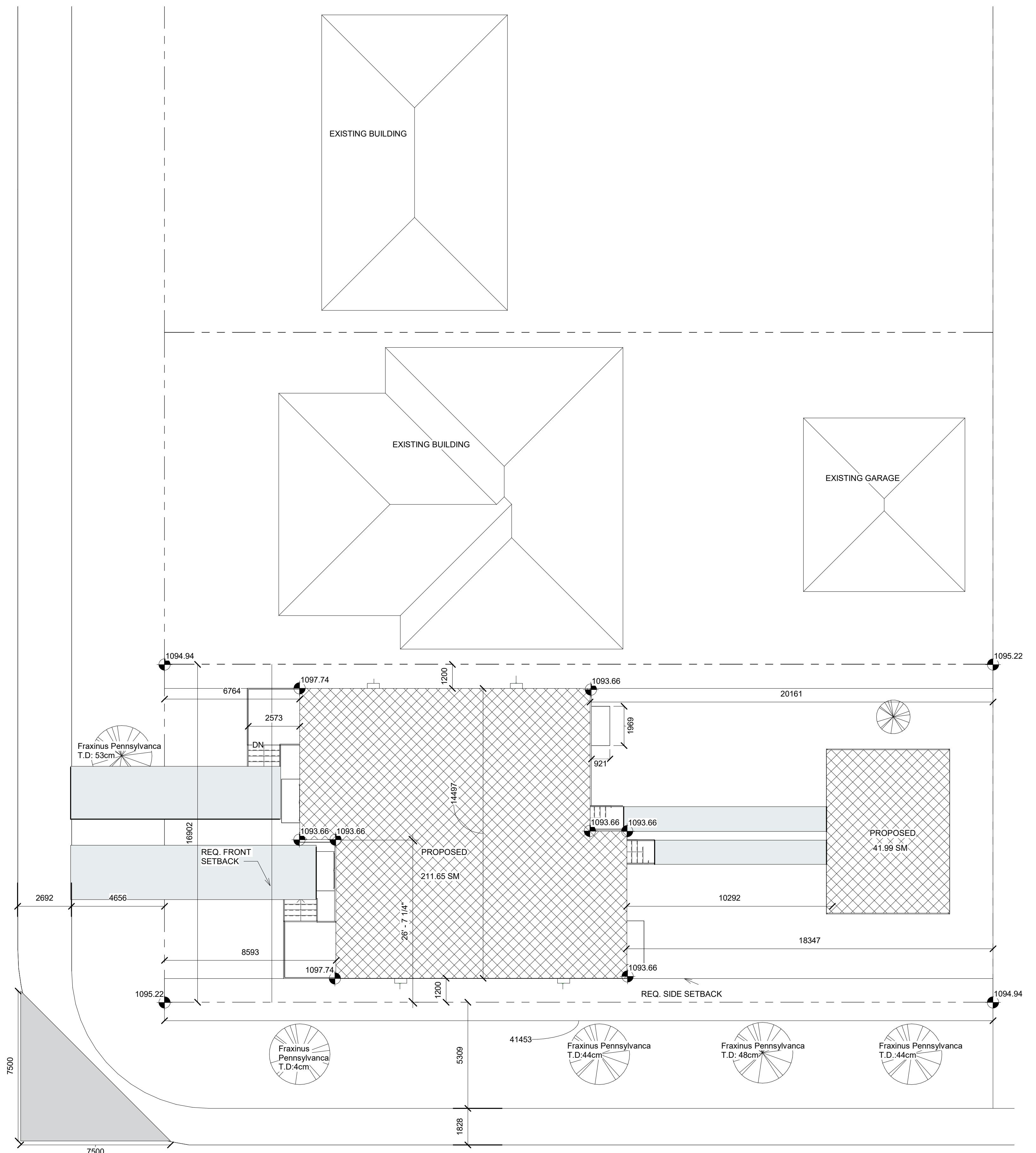
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Date	20/08/2021
Drawn by	Author

checked by

3/8" = 1'-0"



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Municipal Address: 1720 25 Ave NW

Legal Address: PLAN 4961HL
BLOCK 2
LOT 1

ATS Land Description: 5;1;24;29;NE

Land Use District

Use: Semi-detached Dwelling

Area:
Main Residential Building Area 211.65m²
Accessory Residential Building 41.99m²
TOTAL: 253.64m²

Parcel Coverage:	Max	Proposed
Max. (%)	45	36.35
Max. (m ²)	331.19	254.89

<u>Parking:</u>		
Min per dwelling unit:	2	2
Visibility Setback (m)	7.5	7.5

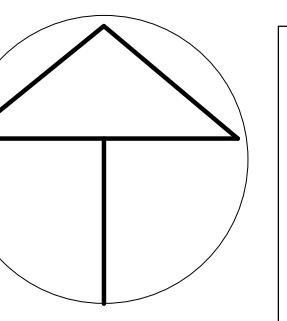
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Date	20/08/2021
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Checked by	Checker
A2.0	
Scale	1" = 10'-0"

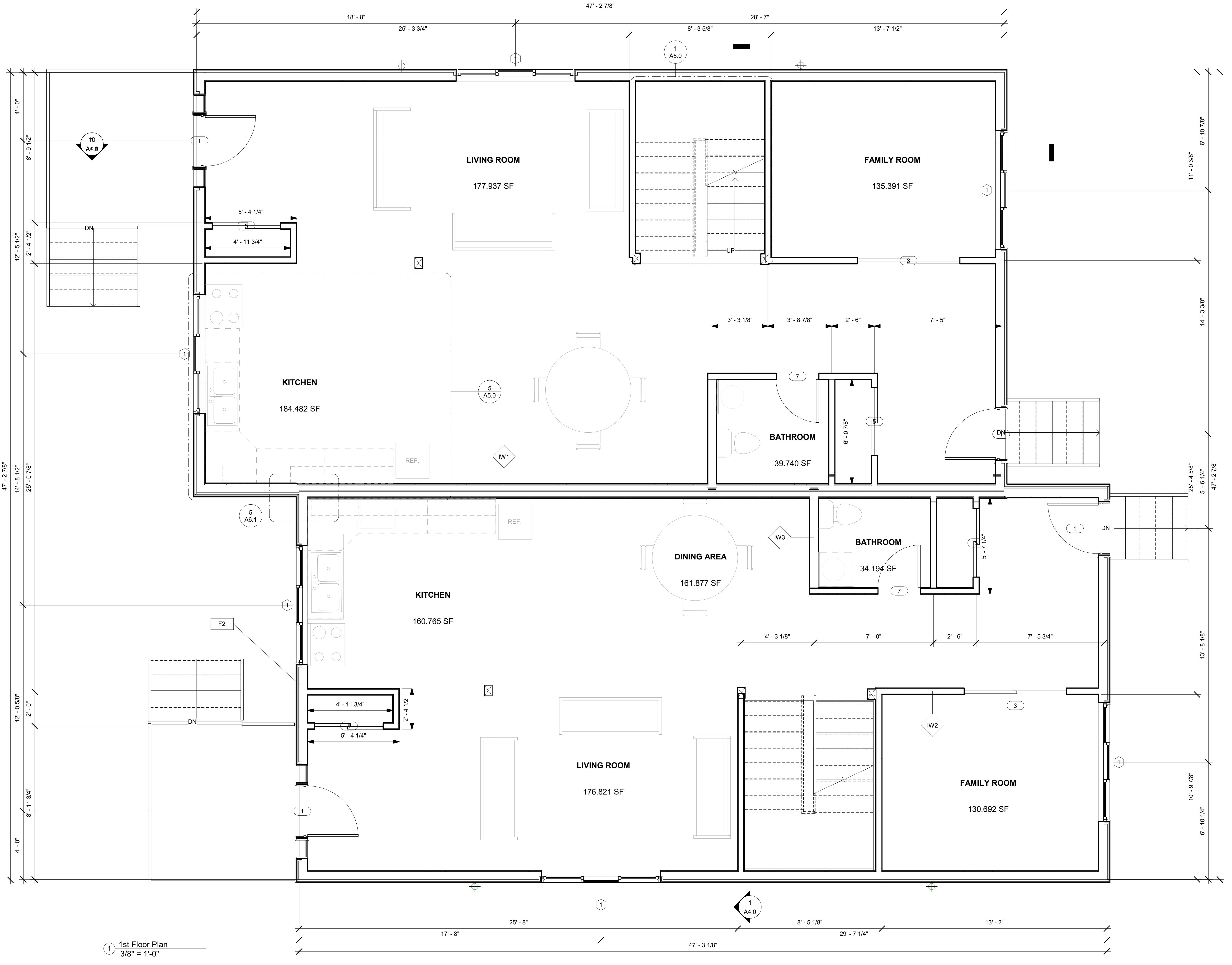


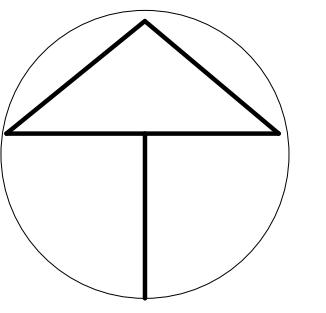
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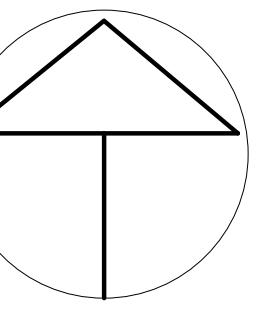
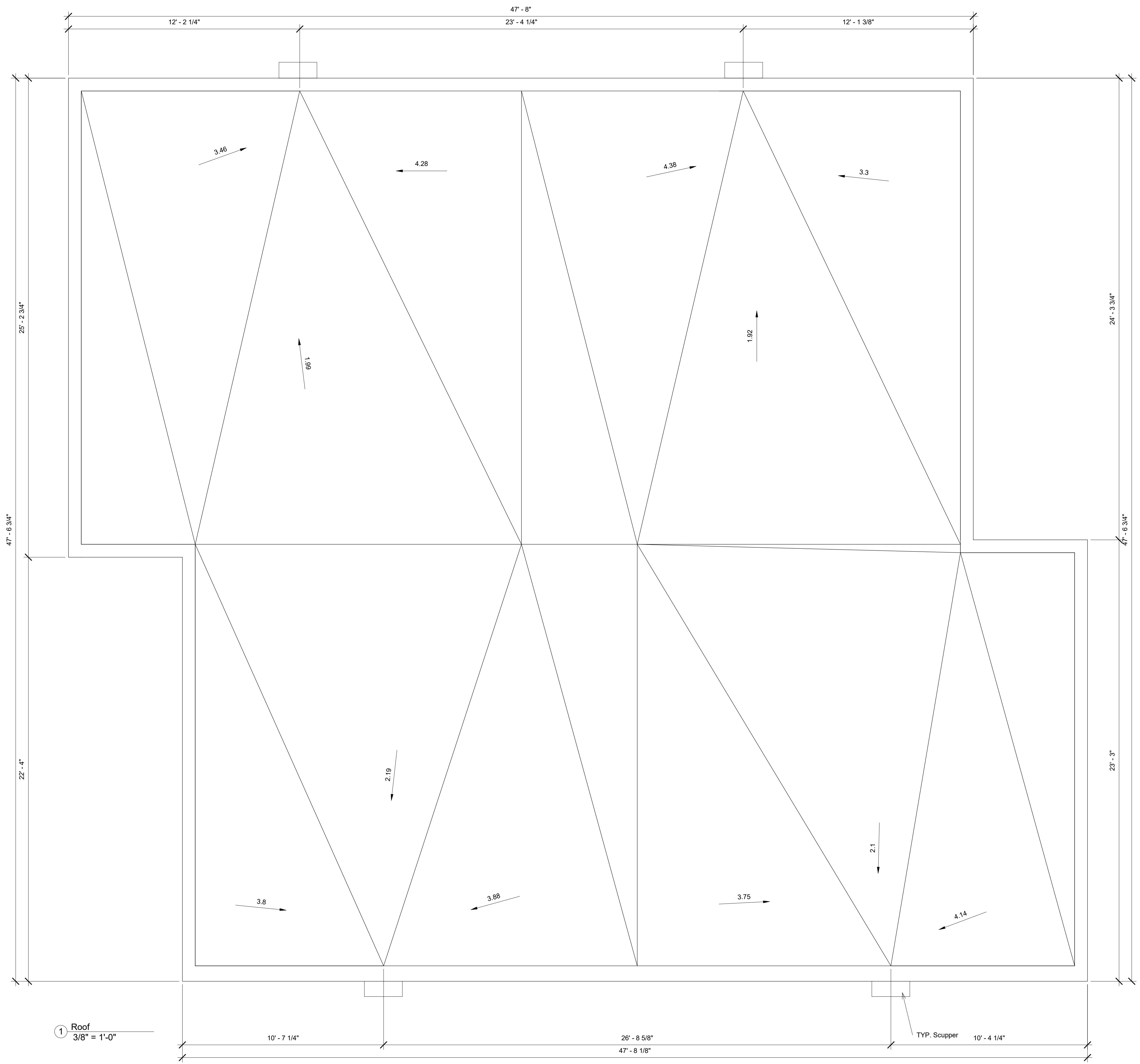
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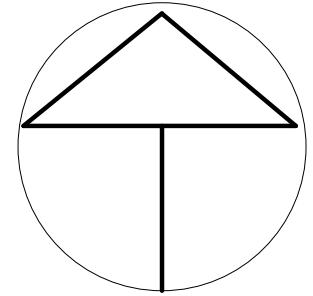


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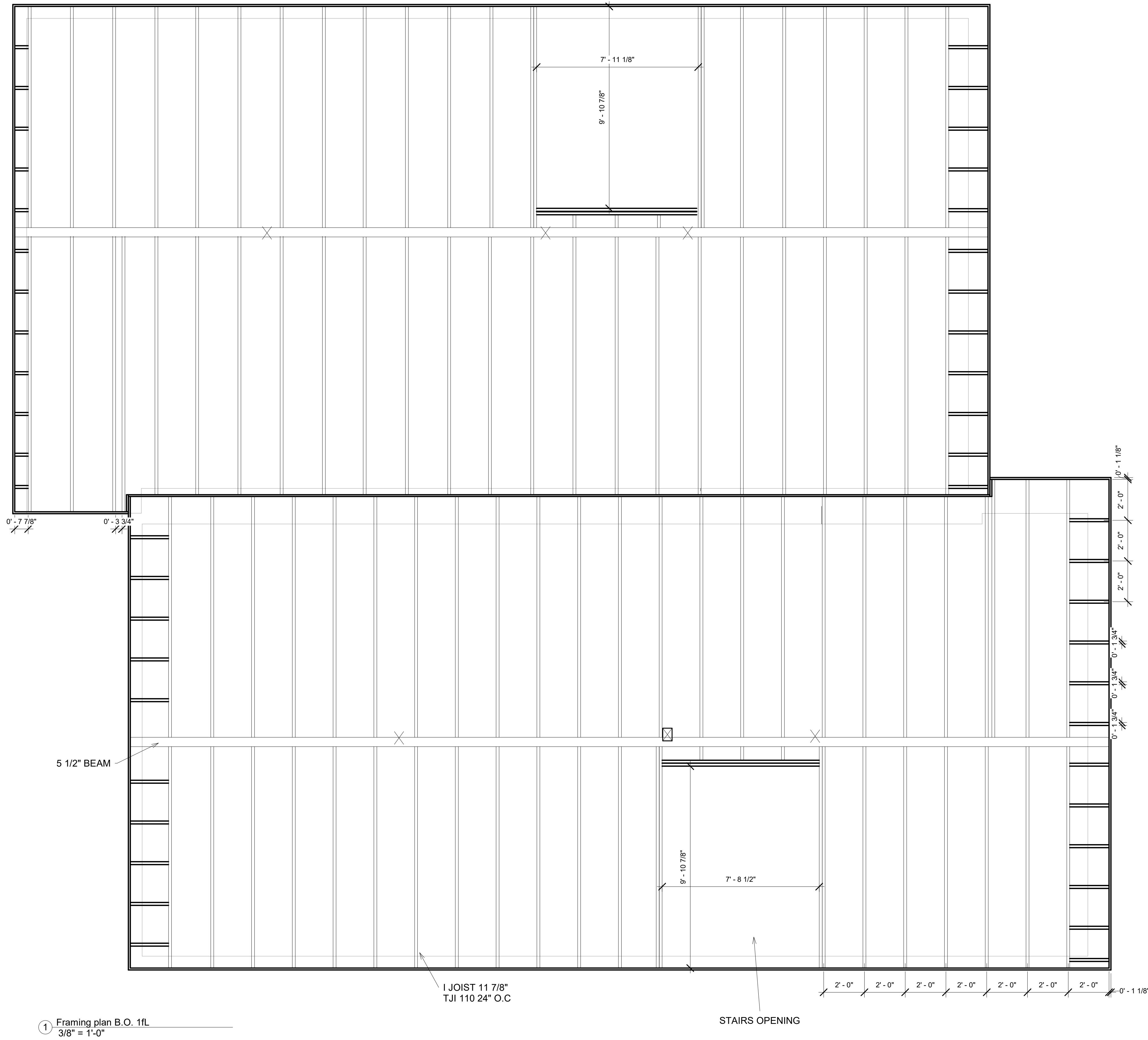




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1 Framing plan B.O. 1fL
3/8" = 1'-0"

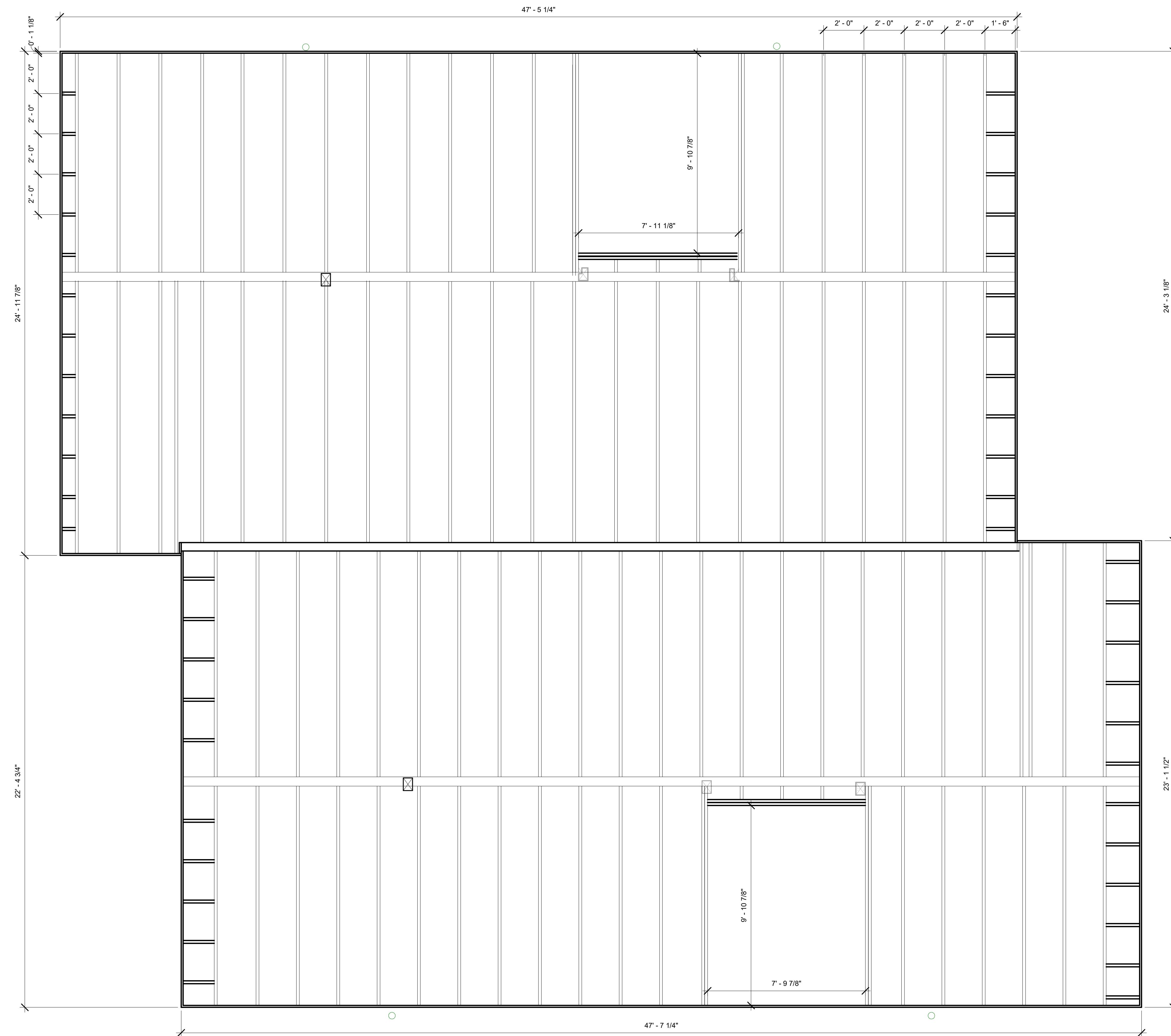
I JOIST 11 7/8"
TJI 110 24" O.C.

STAIRS OPENING



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Semi-detacged dwelling SEM2

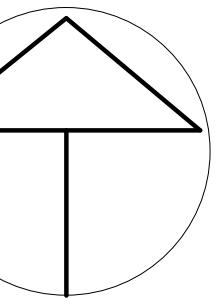
Floor framing

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Date	20/08/2021
Drawn by	Author
Checked by	Checker

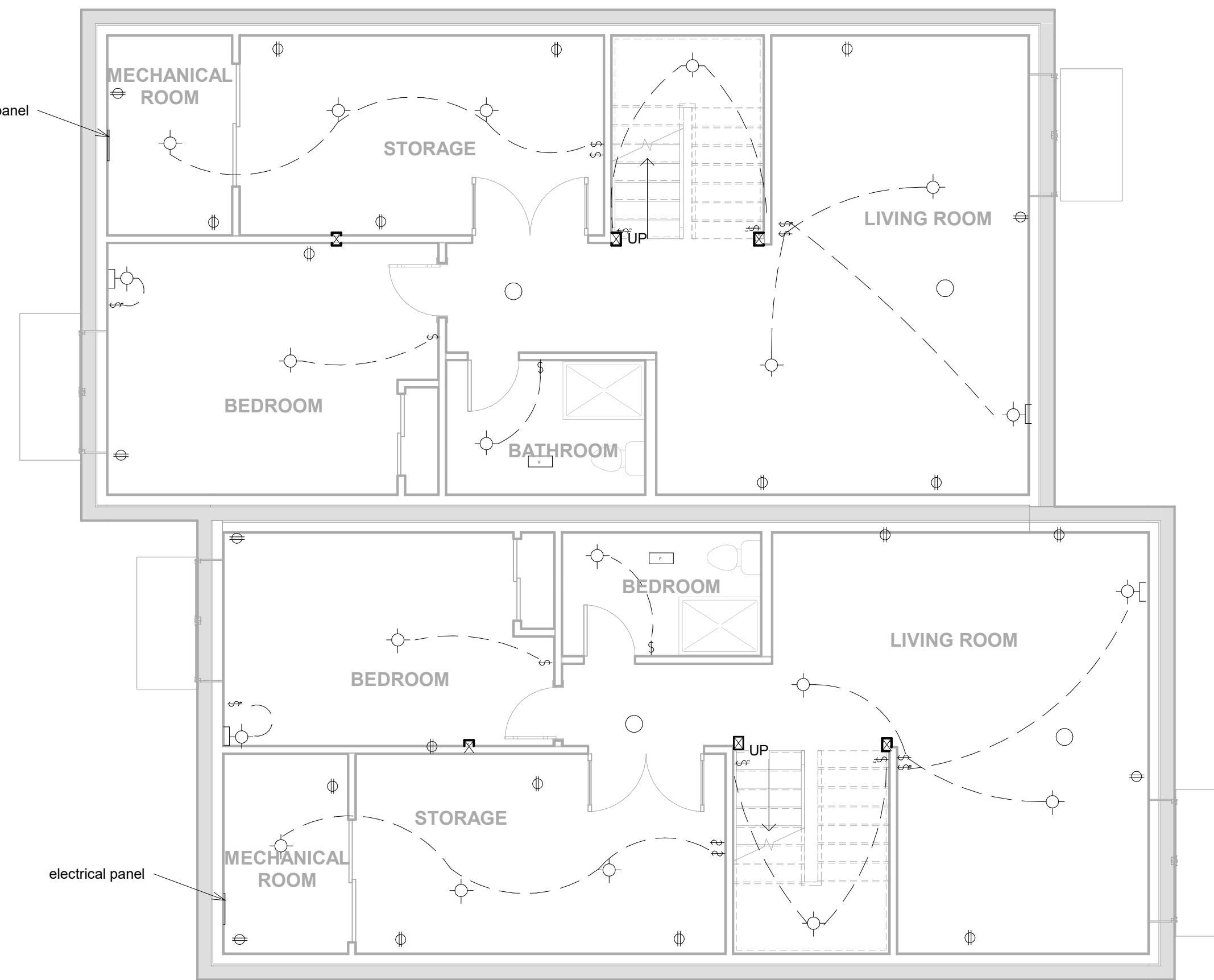
A2.6

3/8" = 1'-0"

1 Framing plan B.O. 2Fl
3/8" = 1'-0"

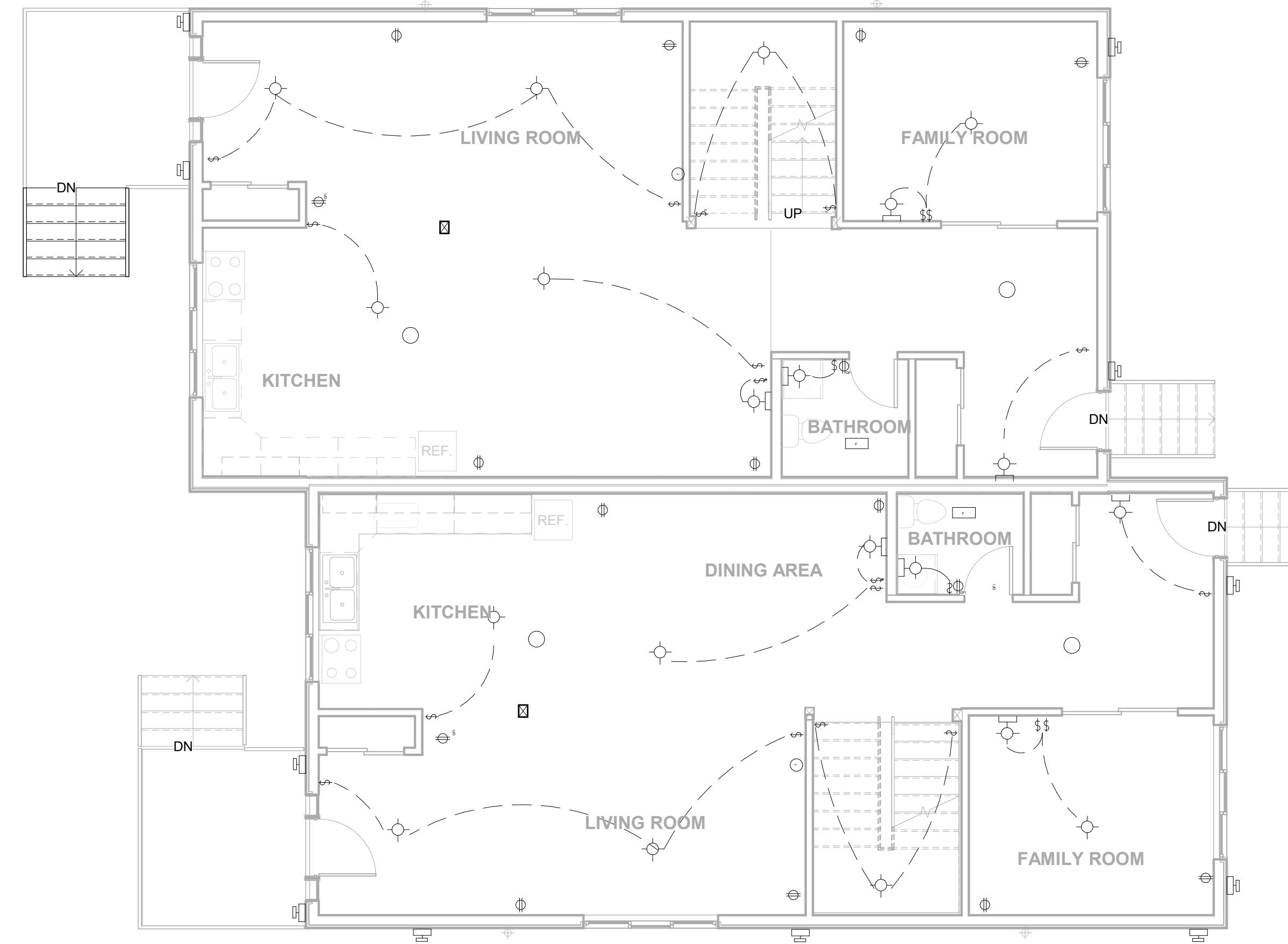


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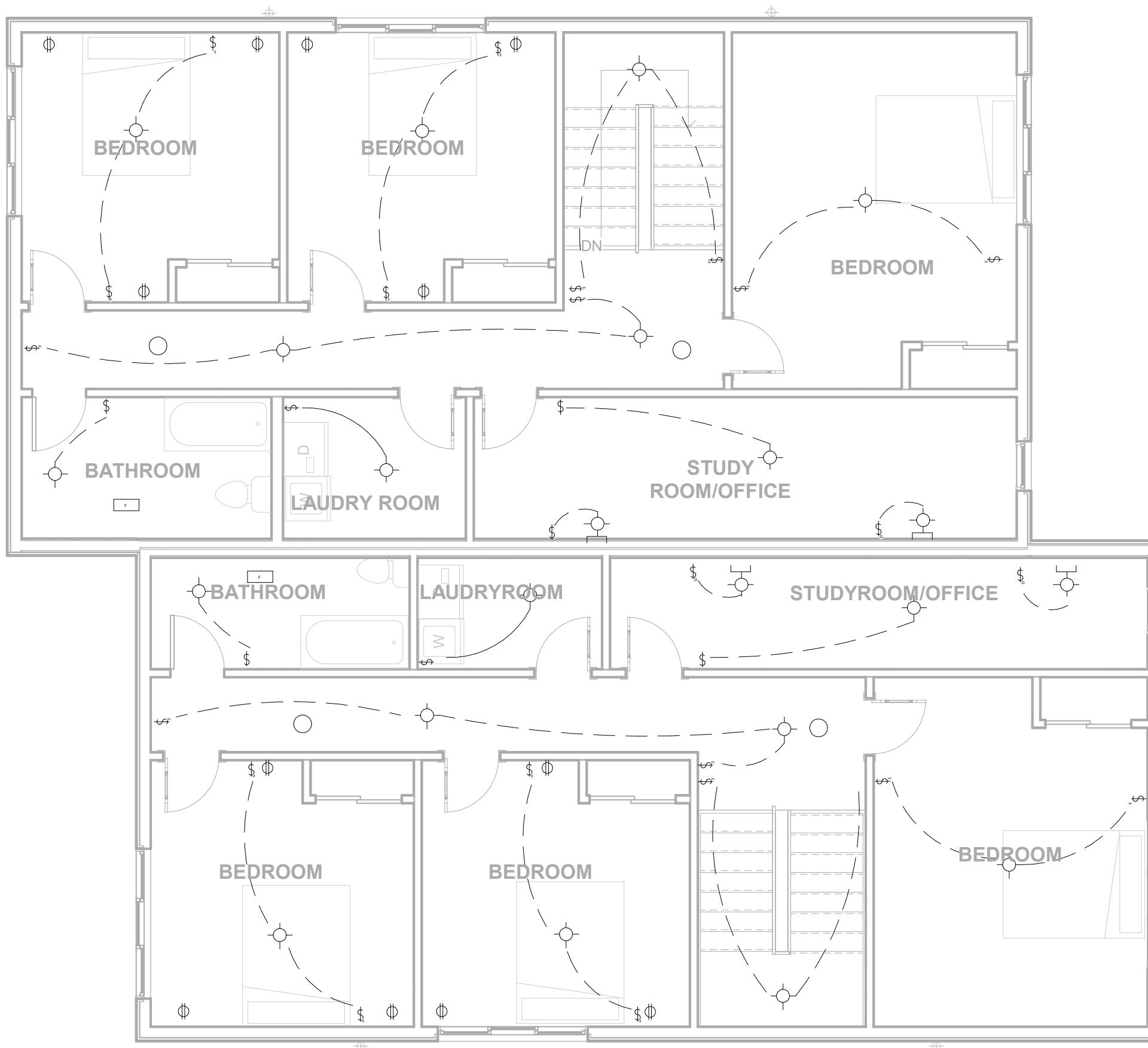
3 basement electric plan

3 3/16" = 1'-0"



1 1st floor electric plan
3/16" = 1'-0"

① $3/16'' = 1'-0''$



2nd floor electric plan

2 $\frac{3}{16}$ " = 1'-0"

	Ceiling mounted light		3-Way switch
	Wall mounted light		GFI plug
	Wire		Smoke detectors
	2-Way switch		Plug
	Dimmer switch		Thermostat
	Exterior Wall Light		Exhaust fan

NOTE:
PLAN SHOWS SUGGESTED LIGHTING AND OUTLET PLACEMENTS FOR PURPOSE OF THIS PROJECT
FULL ELECTRICAL PLAN TO BE PRODUCED BY OTHERS

Pariza Sachedina

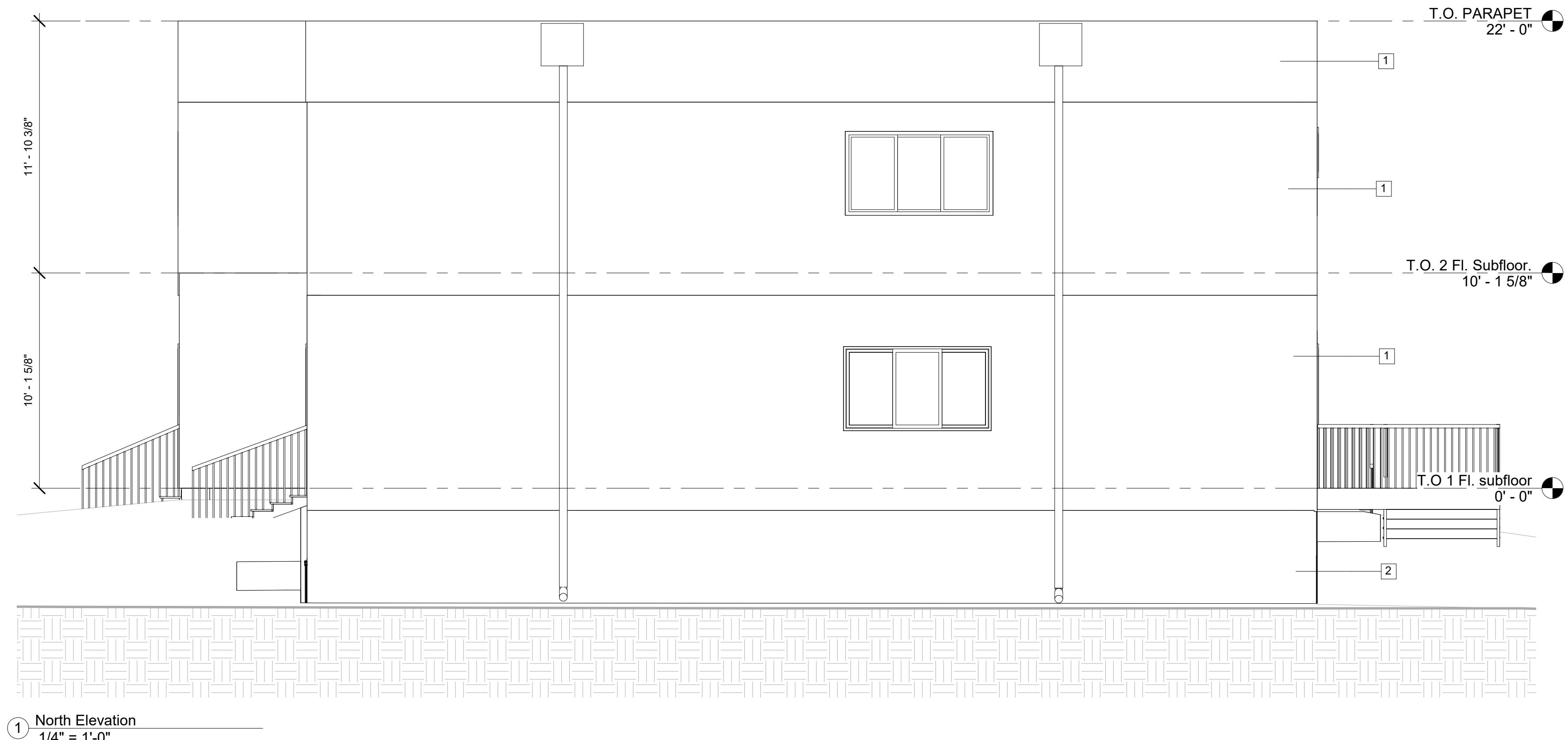
Semi-detacged dwelling SEM2

Electrical plan

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Date	20/08/2021
Drawn by	Author
Checked by	Checker

A2.7

$$3/16" = 1'-0"$$



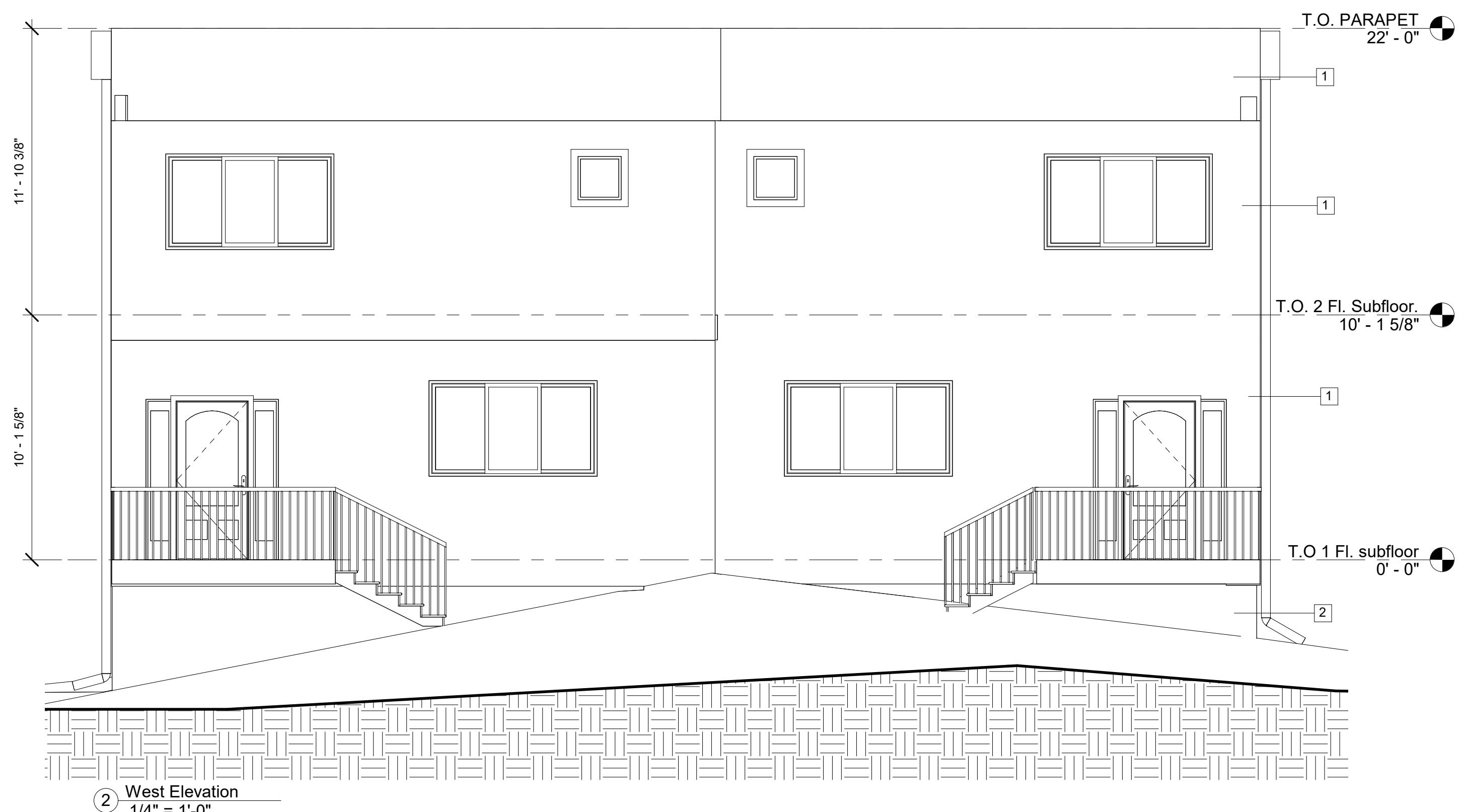
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2	Parging/ Damproofing

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Tag	Exterior Material
1	Stucco
2	Parging/ Damproofing



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Semi-detacged
dwelling SEM2
East/West
elevation

Project number	001
Date	20/08/2021
Drawn by	Author
Checked by	Checker

A3.1

1/4" = 1'-0"

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The image shows a symmetrical architectural elevation. It consists of two main vertical sections, each with four stories. The facade is divided into four horizontal bands. The bottom band contains four rectangular bays. The middle three bands each contain four bays, with the central two bays being slightly taller than the outer ones. In the second bay of the bottom row of each section, there is a small circular callout containing the number '8'. The entire drawing is enclosed within a large rectangular frame.

This architectural cross-section diagram illustrates the structural details of a building's foundation, garage, and upper levels. The foundation is depicted as a thick black line with a hatched pattern. Above the foundation, a garage is shown with a label '(3) garage north' and a scale '1/2" = 1'-0"'. The interior rooms include a 'STAIR OCNSTRAIN' leading up to a central vertical support column. The roofline features a gabled end with a chimney. A horizontal dimension line indicates a width of '2' feet between two vertical walls.

A technical line drawing of a trapezoidal structure. The base is a dense woven pattern of small rectangles. A thick black line starts at the left edge of the base, rises to form the left side of the trapezoid, and then slopes down to meet the right edge. The top of the trapezoid is a horizontal line. A vertical line extends downwards from the center of the top edge. At the top right corner, there is a small square with a leader line pointing to it, and the number '1' is written next to the leader line. At the bottom right corner, there is another small square with a leader line pointing to it, and the number '1' is written next to the leader line.

This technical diagram illustrates a cross-section of a building's roof and floor structure. At the top, a triangular roof truss is supported by two vertical columns. The truss has a peak at the top center and slopes down to horizontal floor joists. Below the joists, there is a thick, textured layer representing brickwork or masonry. A single vertical line extends downwards from the left side of the truss, likely indicating a vertical reference plane or a specific wall thickness.

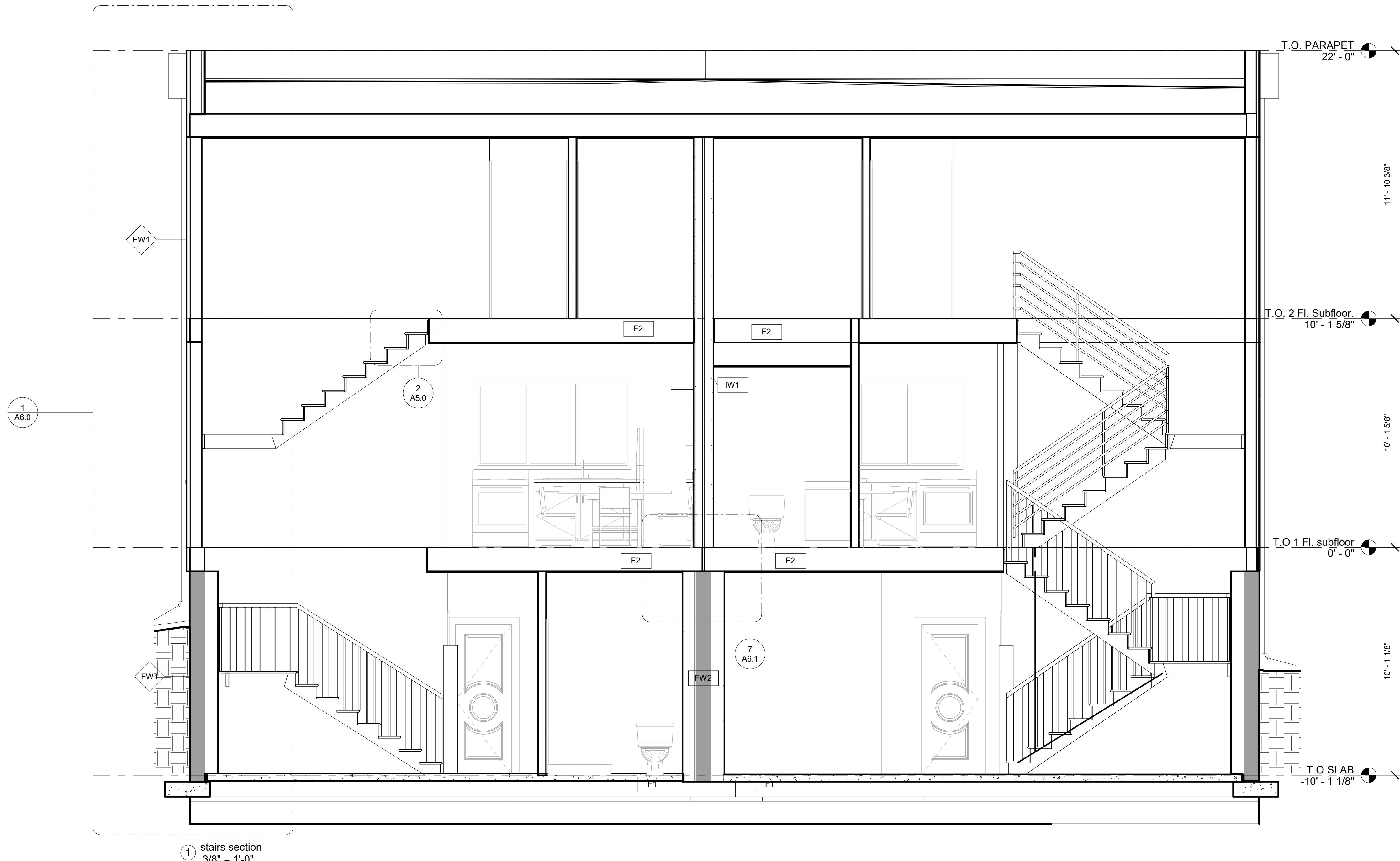
Tag	Exterior Material
1	Stucco
2	Parging/ Damproofing
3	Stucco

Pariza Sachedina
Semi-detacged
dwelling SEM2
garage east/west

Project number	001
Date	20/08/2021
Drawn by	Author
Checked by	Checker

A3.3

Consultant
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Address
Phone
Fax
e-mail



Pariza Sachedina

Semi-detacged dwelling SEM2 stairs section

Project number	001
Date	20/08/2021
Drawn by	Author
Checked by	Checker

A4.0

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1 landing section
3/8" = 1'-0"

Pariza Sachedina

Semi-detacged dwelling SEM2

landing section

Project number	001
Date	20/08/2021
Drawn by	Author
Checked by	Checker

A4.1

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This architectural cross-section diagram illustrates the construction of a building wall, featuring several callouts labeled 1 through 6, each detailing a specific aspect of the wall's structure.

- Callout 1 (A6.1):** Located at the base of the wall, this detail shows a foundation with a grid pattern and a thick vertical reinforcement column. It includes a small inset showing a cross-section of the foundation.
- Callout 2 (A6.1):** Located near the top of the wall, this detail shows a window frame with multiple panes and a header. It includes a small inset showing a cross-section of the window frame.
- Callout 3 (A6.1):** Located in the middle section of the wall, this detail shows a vertical reinforcement column and a horizontal beam. It includes a small inset showing a cross-section of the reinforcement.
- Callout 4 (A6.1):** Located at the very base of the wall, this detail shows a foundation with a grid pattern and a thick vertical reinforcement column. It includes a small inset showing a cross-section of the foundation.
- Callout 6 (A6.1):** Located near the top right of the wall, this detail shows a window frame with multiple panes and a header. It includes a small inset showing a cross-section of the window frame.

(1) wall callout
1/2" = 1'-0"

(2) window wall callout
1/2" = 1'-0"

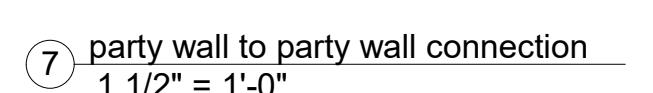
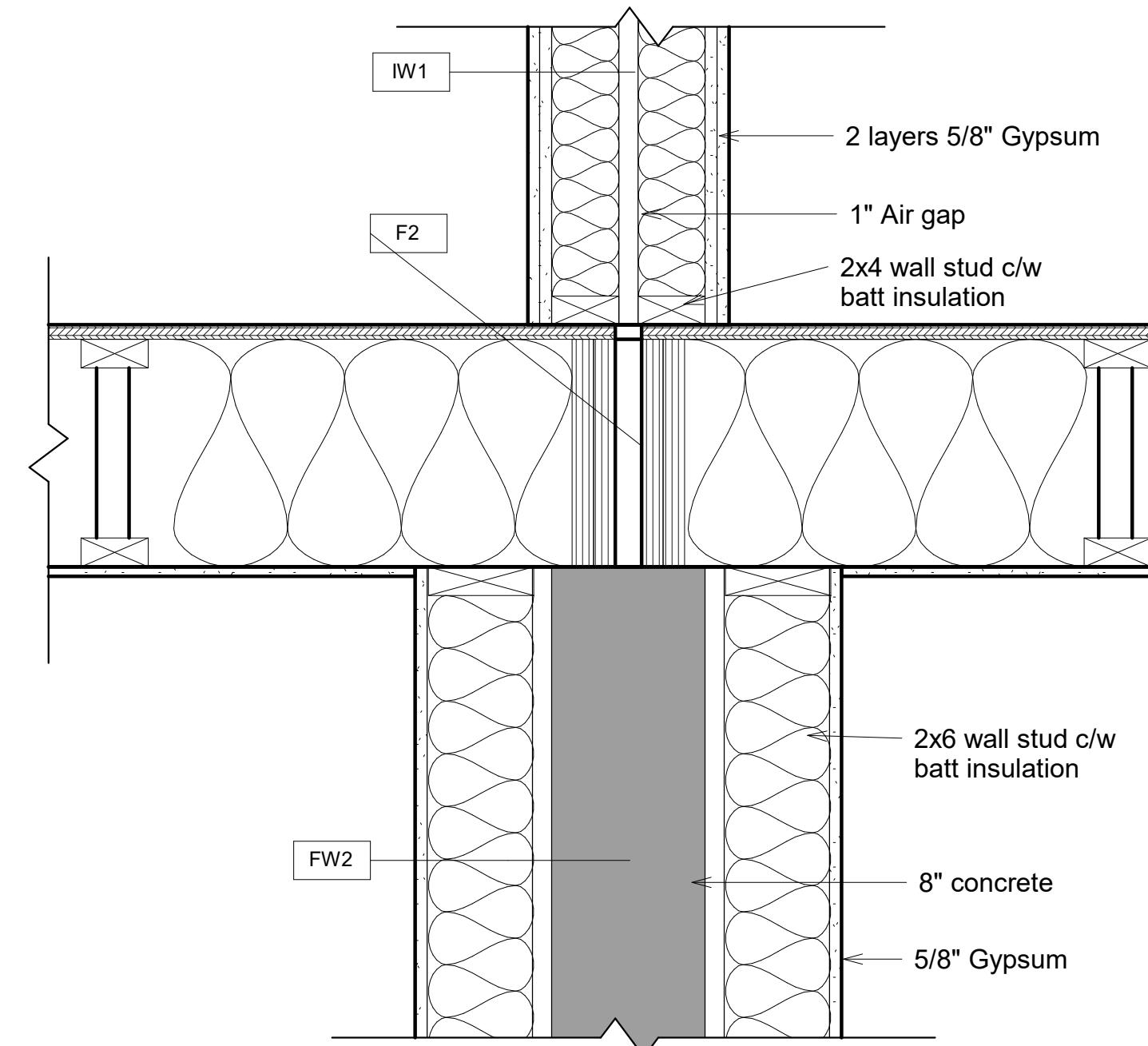
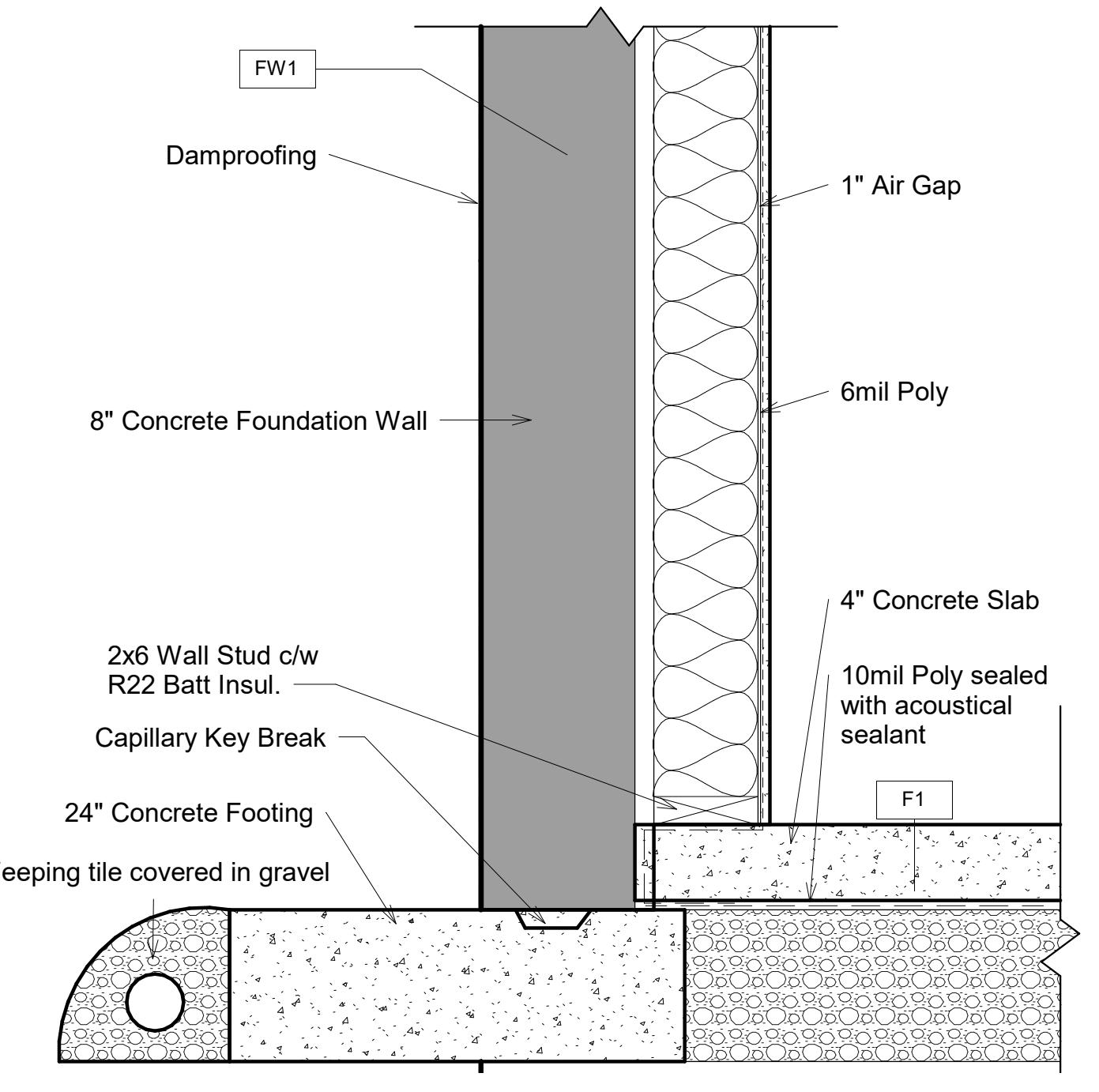
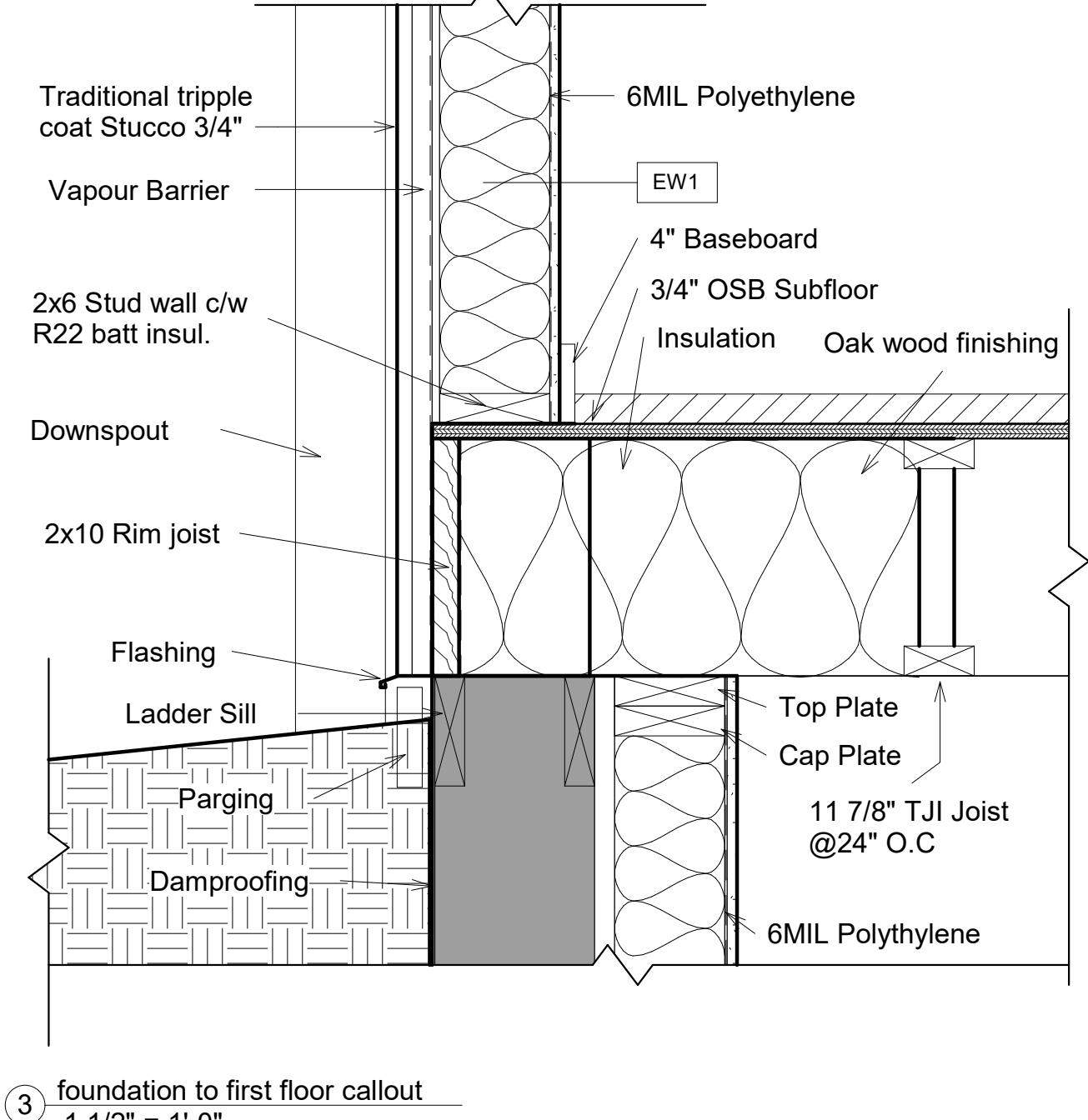
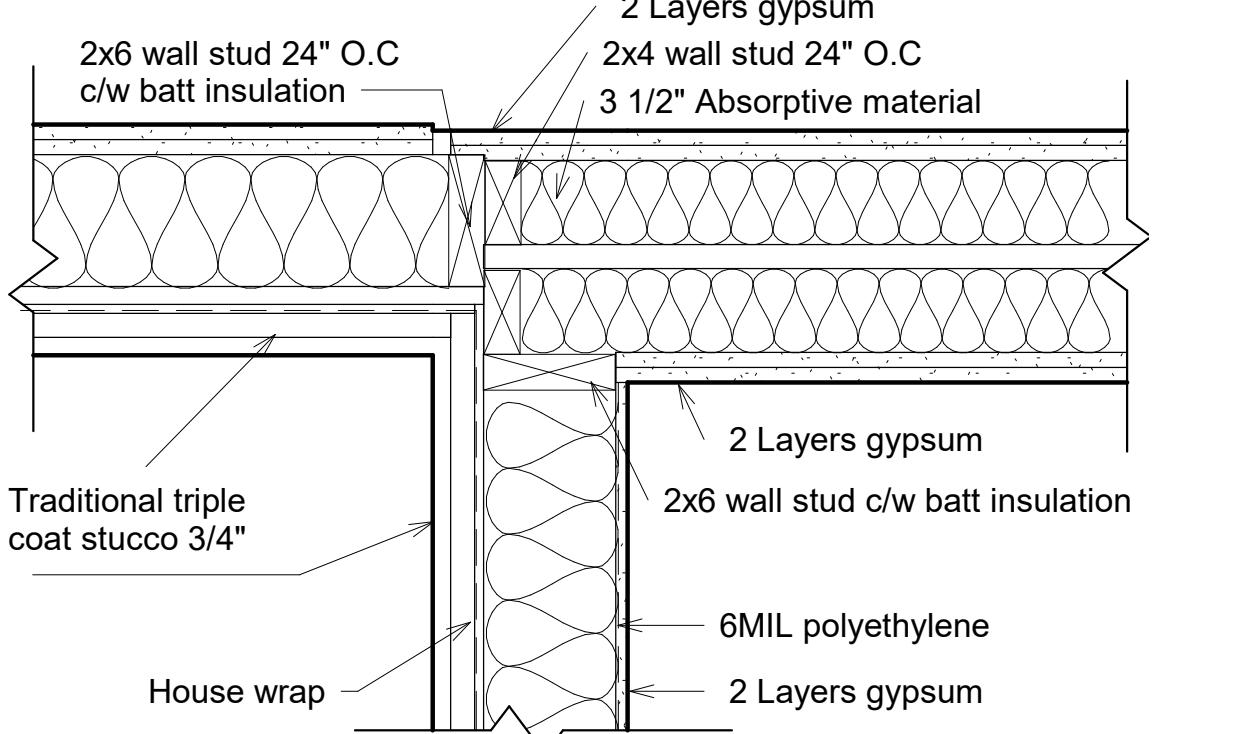
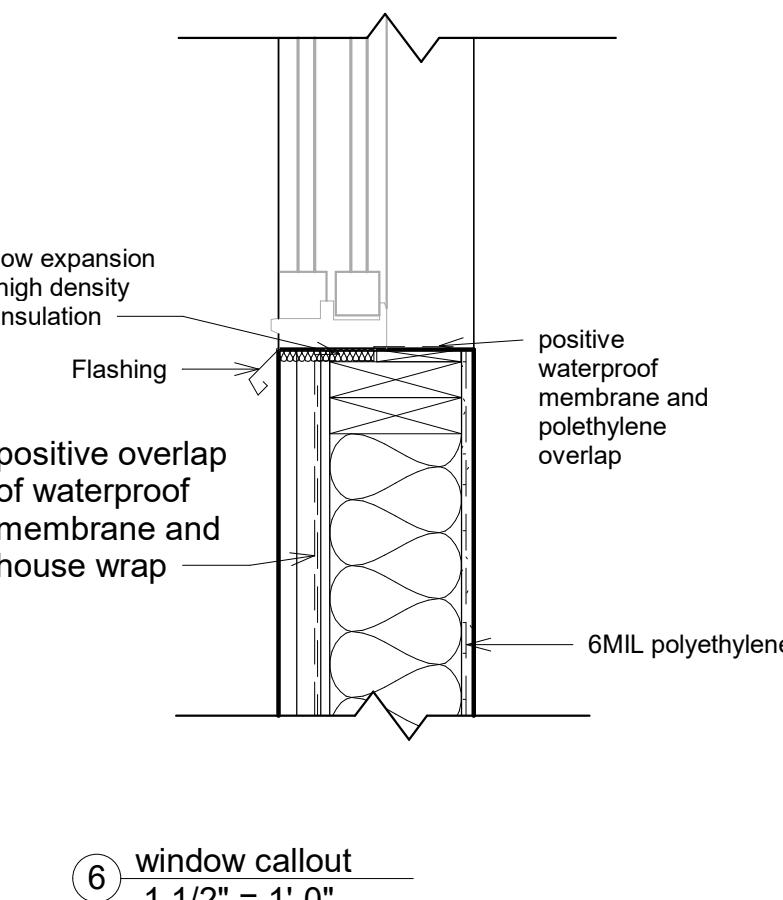
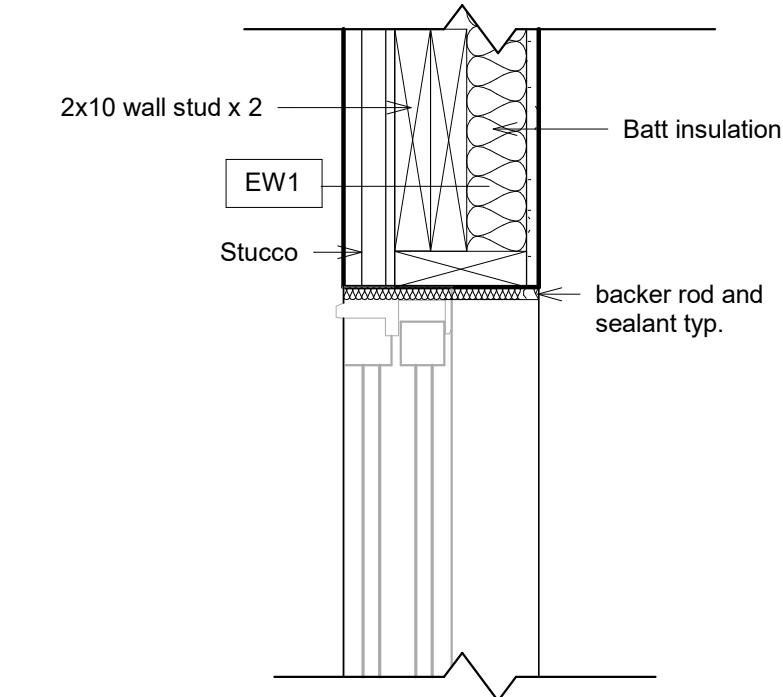
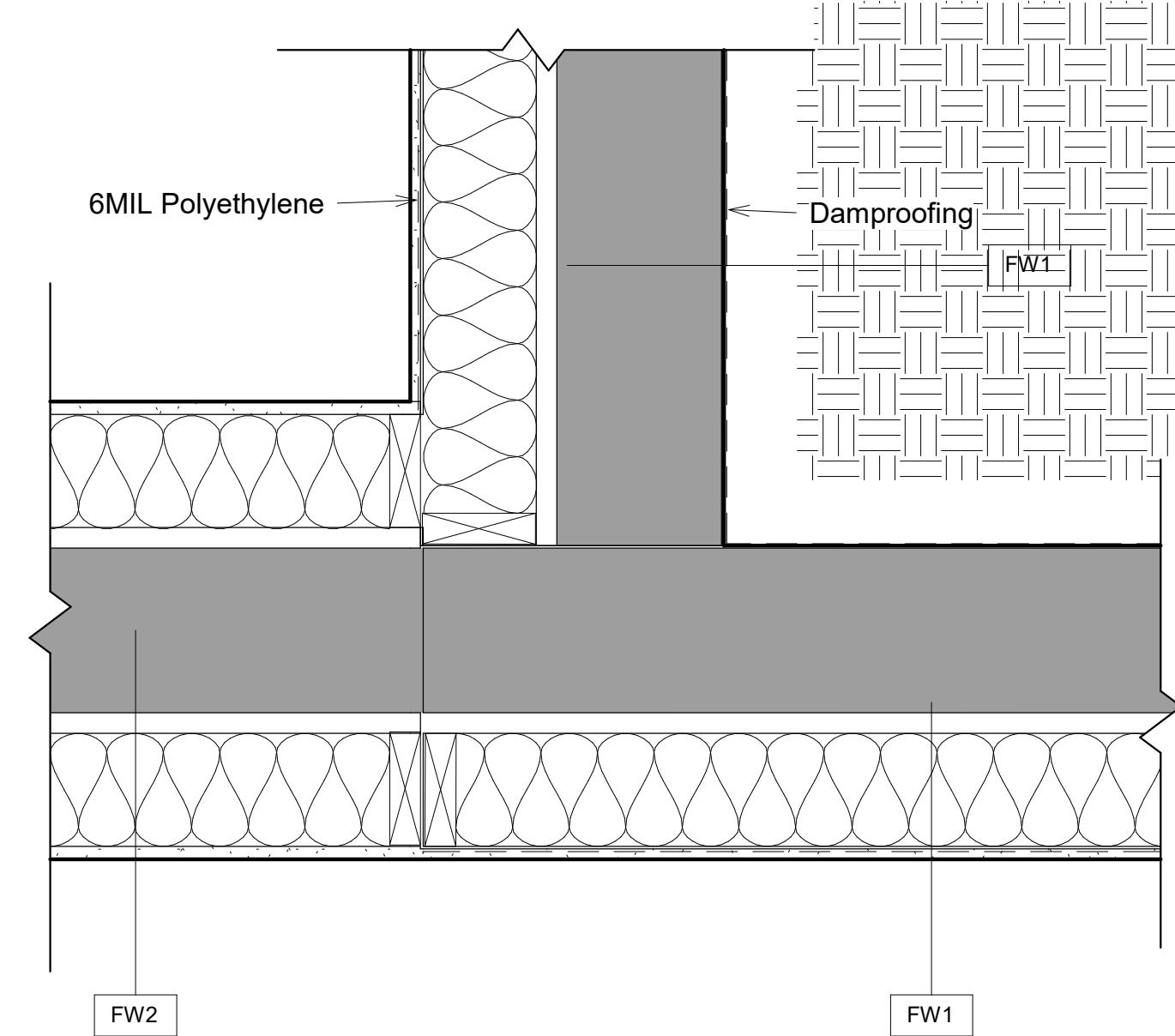
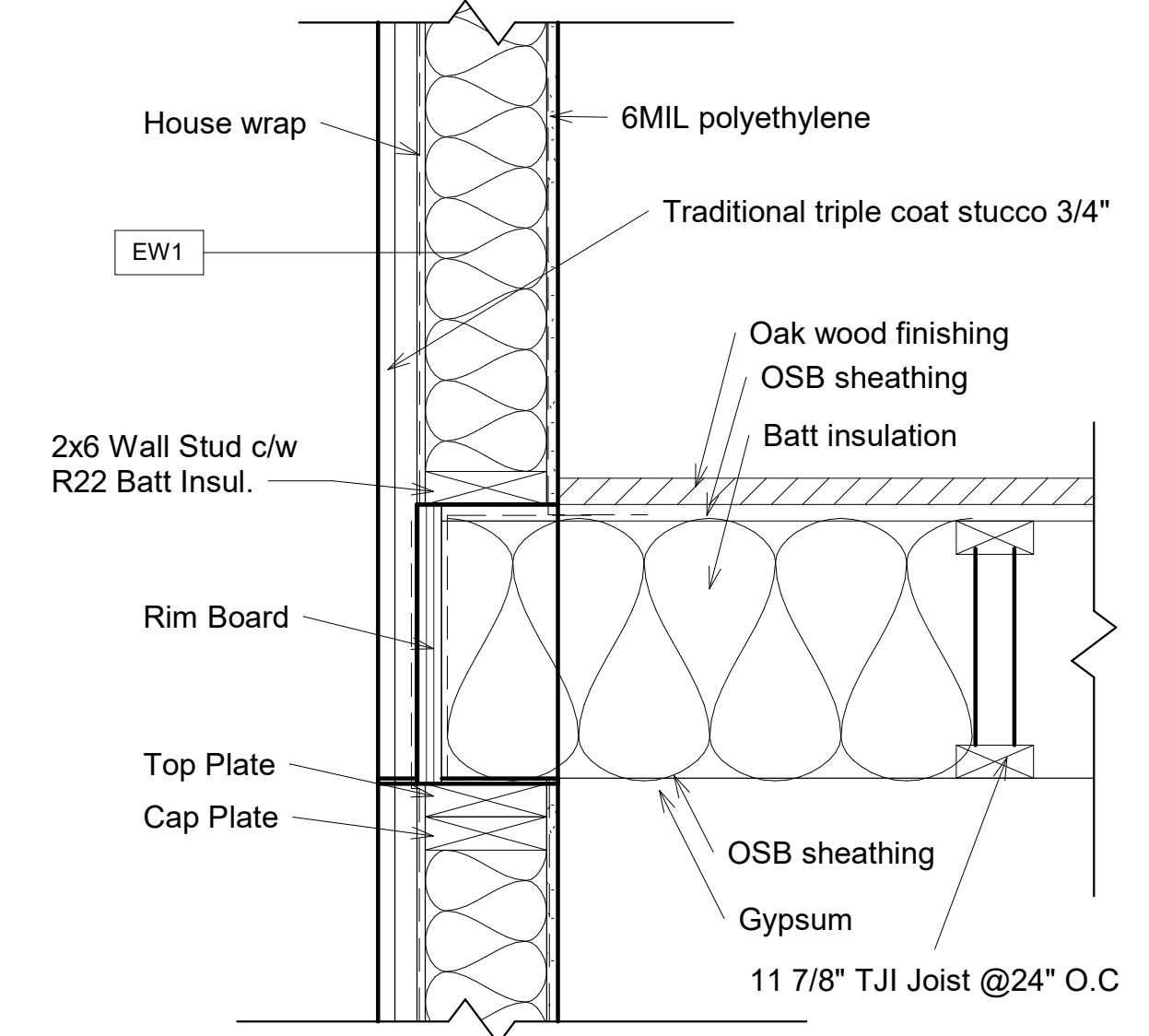
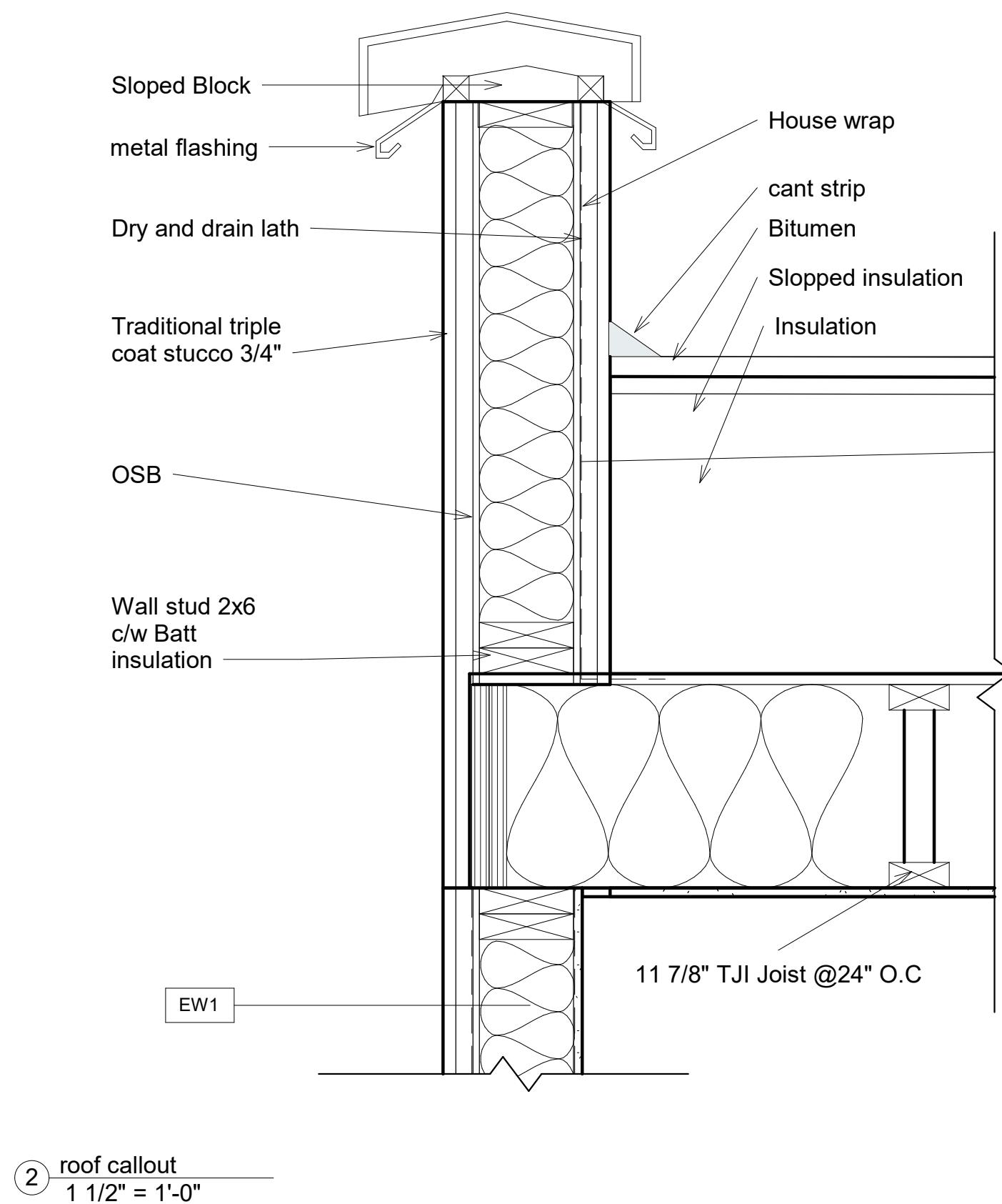
Pariza Sachedina

Semi-detacged dwelling SEM2 wall section

Project number	001
Date	20/08/2021
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A6.0

1/2" = 1'-0"



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