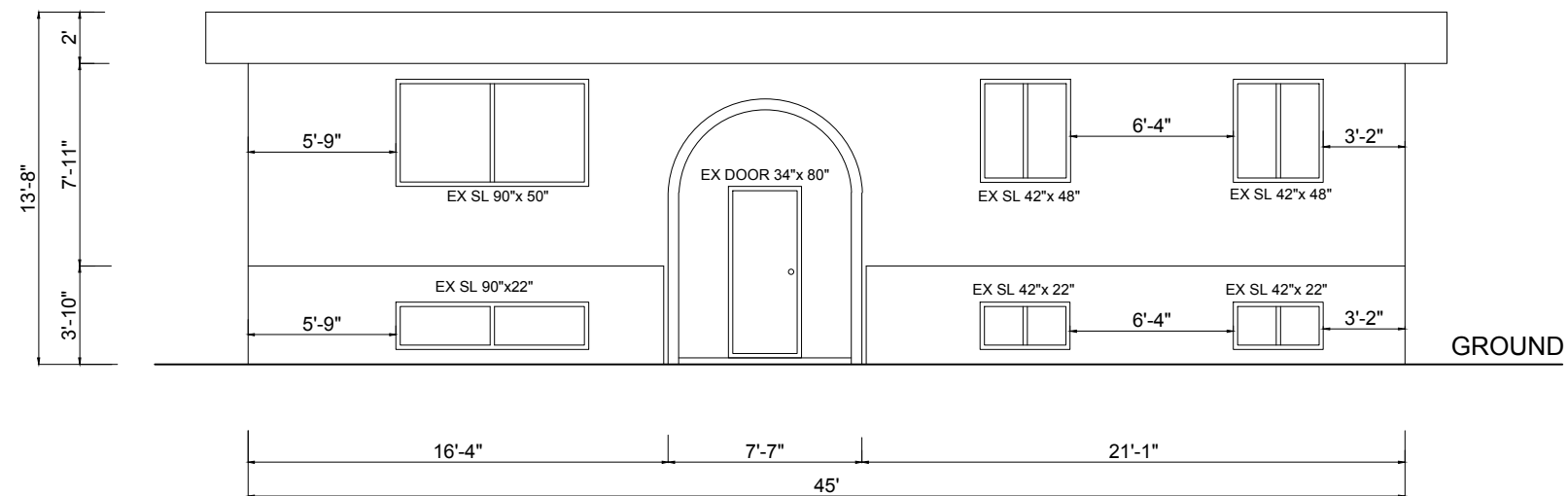




EXISTING FRONT ELEVATION

SCALE $\frac{3}{16}"=1'$

TOTAL WALL AREA 620 SQFT
GLAZING AREA 85 SQFT
GLAZING AREA/TOTAL WALL AREA 13%

RIU
BUILDER

PROJECT:

ADDITIONAL

ADDRESS:

4011Varmoor Rd NW, CALGARY, ALBERTA

DRAWING TITLE:

FRONT ELEVATION

DRAWING BY:

L.L

DATE:

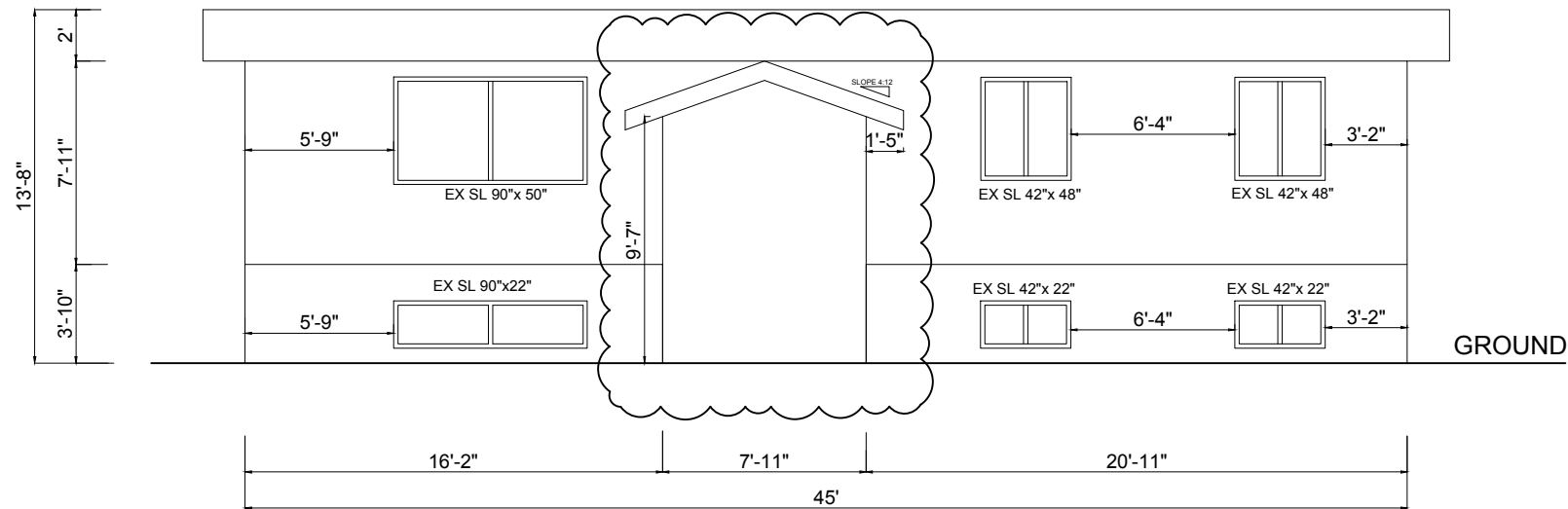
JUL 01, 2026

CHECK BY:

J.H

DATE:

JUL 01, 2026



PROPOSED FRONT ELEVATION

SCALE 3/16"=1'
TOTAL WALL AREA 594 SQFT
GLAZING AREA 91 SQFT
GLAZING AREA/TOTAL WALL AREA 15%

- GENERAL NOTES:
- New main floor addition(8'9" deep)-new exterior walls on 3 sides.
 - Landing area converted into main floor addition.
 - All new walls are 2x6 wood studs @ 16" o.c.
 - New roof extension and tie-in to existing roof (engineered design required).
 - New window added on west and east walls.
 - Exterior finishes (siding/stucco) match existing walls.
 - New addition requires structural modifications including beams and roof tie-in.
 - All structural components to be designed, reviewed, and stamped by Professional Engineer.
 - Roof finish material match to existing roof.

RIU BUILDER		PROJECT: ADDITIONAL	ADDRESS: 4011Varmoor Rd NW, CALGARY, ALBERTA	DRAWING TITLE: FRONT ELEVATION	DRAWING BY: L.L	DATE: JUL 01, 2026
					CHECK BY: J.H	DATE: JUL 01, 2026

GENERAL NOTES:

New main floor addition(8'9" deep)-new exterior walls on 3 sides.

Landing area converted into main floor addition.

All new walls are 2x6 wood studs @ 16" o.c.

New roof extension and tie-in to existing roof (engineered design required).

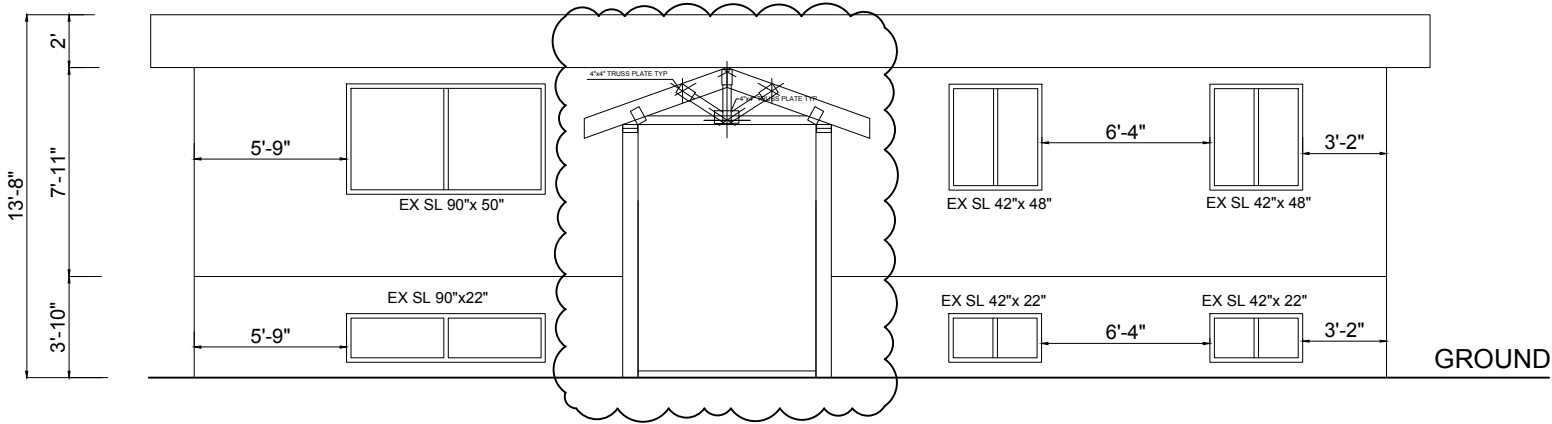
New window added on west and east walls.

Exterior finishes (siding/stucco) match existing walls.

New addition requires structural modifications including beams and roof tie-in.

All structural components to be designed, reviewed, and stamped by Professional Engineer.

Roof finish material match to existing roof.



SECTION A

SCALE $\frac{3}{16}"=1'$

TOTAL WALL AREA 620 SQFT
GLAZING AREA 85 SQFT
GLAZING AREA/TOTAL WALL AREA 13%

- TYPICAL ROOF SECTION (UNVENTED):
 - ASPHALT SHINGLE ROOFING
 - SYNTHETIC UNDERLAYMENT
 - 1/2" PLYWOOD ROOF SHEATHING
 - PREFABRICATED WOOD TRUSSES @ 24" O.C.
 - MIN. R-60 BLOW-IN ATTIC INSULATION
 - 6 MIL POLYETHYLENE VAPOUR BARRIER
 - 1/2" GYPSUM WALL BOARD (GWB)
 - PROVIDE CONTINUOUS SOFFIT VENTS
 - PROVIDE ROOF VENTILATION IN ACCORDANCE WITH ABC DIVISION B, ARTICLE 9.19.
- TYPICAL EXTERIOR WALL SECTION:
 - 6" WIDE VINYL SIDING (TO MATCH EXISTING)
 - WOOD STRIPPING / AIR SPACE
 - 2 LAYERS OF 30 MIN. BUILDING PAPER OR TYVEK
 - 7/16" OSB EXTERIOR SHEATHING
 - 2x6 SPF STUDS @ 16" O.C. w/ R-24 MINERAL WOOL INSULATION (OR SPRAY FOAM)
 - 6 MIL POLY VAPOUR BARRIER
 - 1/2" GYPSUM WALL BOARD (GWB) PAINTED
 - (TOTAL EFFECTIVE RSI: 3.15 - EXCEEDS MIN. 3.08)
- TYPICAL FLOOR SECTION (OVER UNHEATED SPACE):
 - FINISH FLOORING / UNDERLAY
 - 5/8" T&G PLYWOOD SUB-FLOORING
 - FLOOR JOISTS AS PER STRUCTURAL (S-2)
 - HIGH-DENSITY CLOSED CELL SPRAY FOAM (MIN. 5.5" THICK)
 - (INSULATION ACTS AS VAPOUR BARRIER)
 - EXTERIOR GRADE SOFFIT / SHEATHING BENEATH
 - (TOTAL EFFECTIVE RSI: 5.25 - EXCEEDS MIN. 5.02)

Floor Above and Not in Contact with Ground Lumber Studs, dimensional lumber 2x10 with High-Density Spray Foam

Element	Details	Table	Effective RSI
Continuous materials	Air Film Exterior (heat flow down)	CM-1	0.03
Continuous materials	Exterior Grade Soffit / Sheathing	CM-1	0.11
Main Insulation	High-Density Closed Cell Spray Foam (5.5" / 140mm)	N/A	6
Continuous materials	5/8" T&G Plywood Sub-flooring	CM-1	0.16
Continuous materials	Inside Air Film (Still air, floor)	CM-1	0.16
TOTAL RSI			6.46

Roof -Truss
Roof – Truss (Ceiling below attic): Roof truss bottom chord with R=60

Element	Details	Table	Effective RSI
Continuous materials	Winter conditions (heat flow up)	CM-1	0.11
Continuous materials	Asphalt Shingle Roofing	CM-1	0.08
Continuous materials	Synthetic Underlayment	N/A	0.00
Continuous materials	1/2" Plywood Roof Sheathing	CM-1	0.11
Main Insulation	High-Density Closed Cell Spray Foam	N/A	10.05
Continuous materials	6 Mil Poly Vapour Barrier	N/A	0.00
Continuous materials	1/2" Gypsum Wall Board (GWB)	CM-1	0.08
Continuous materials	Inside Air Film (Still air, ceiling)	N/A	0.00
TOTAL RSI			10.43

Wall Above and Not in Contact with Ground Lumber Studs, dimensional lumber 2x6 with R=24

Element	Details	Table	Effective RSI
Continuous materials	Air Film Exterior	CM-1	0.03
Continuous materials	6" Wide Vinyl Siding	CM-1	0.11
Continuous materials	7/16" OSB Exterior Sheathing	CM-1	0.11
Frame-Cavity	2x6 SPF Studs @ 16" o.c. w/ R-24 Mineral Wool	WA-2	2.85*
Continuous materials	6 Mil Poly Vapour Barrier	N/A	0.00
Continuous materials	1/2" Gypsum Wall Board (GWB) Painted	CM-1	0.08
Continuous materials	Air Film Interior (wall)	CM-1	0.12
TOTAL RSI			3.30

RIU
BUILDER

PROJECT:

ADDITIONAL

ADDRESS:

4011Varmoor Rd NW, CALGARY, ALBERTA

DRAWING TITLE:

FRONT ELEVATION

DRAWING BY:

L.L

DATE:

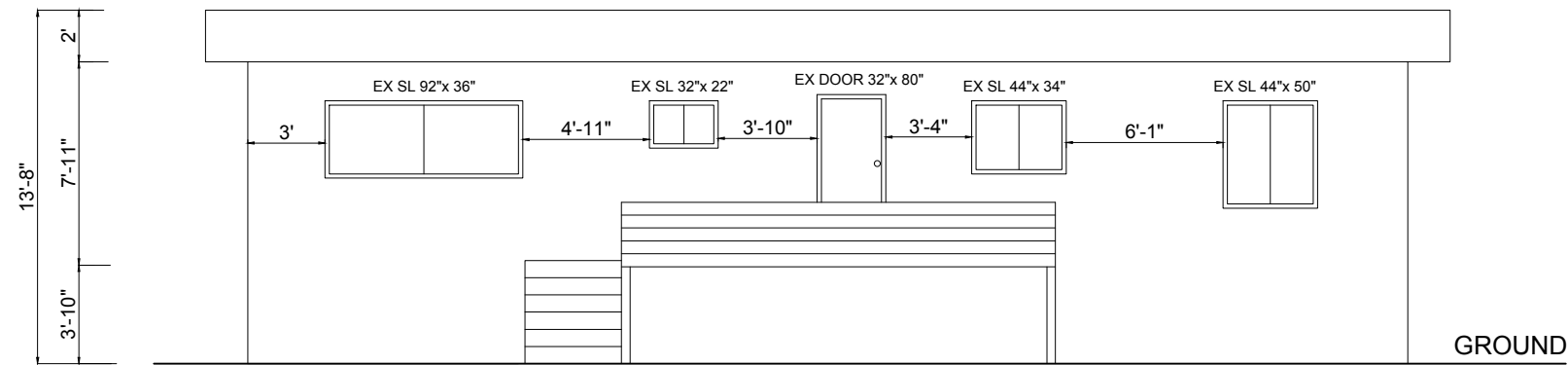
JUL 01, 2026

CHECK BY:

J.H

DATE:

JUL 01, 2026



REAR ELEVATION

SCALE $\frac{3}{16}"=1'$
TOTAL WALL AREA 620 SQFT
GLAZING AREA 54 SQFT
GLAZING AREA/TOTAL WALL AREA 8%

RIU
BUILDER

PROJECT:

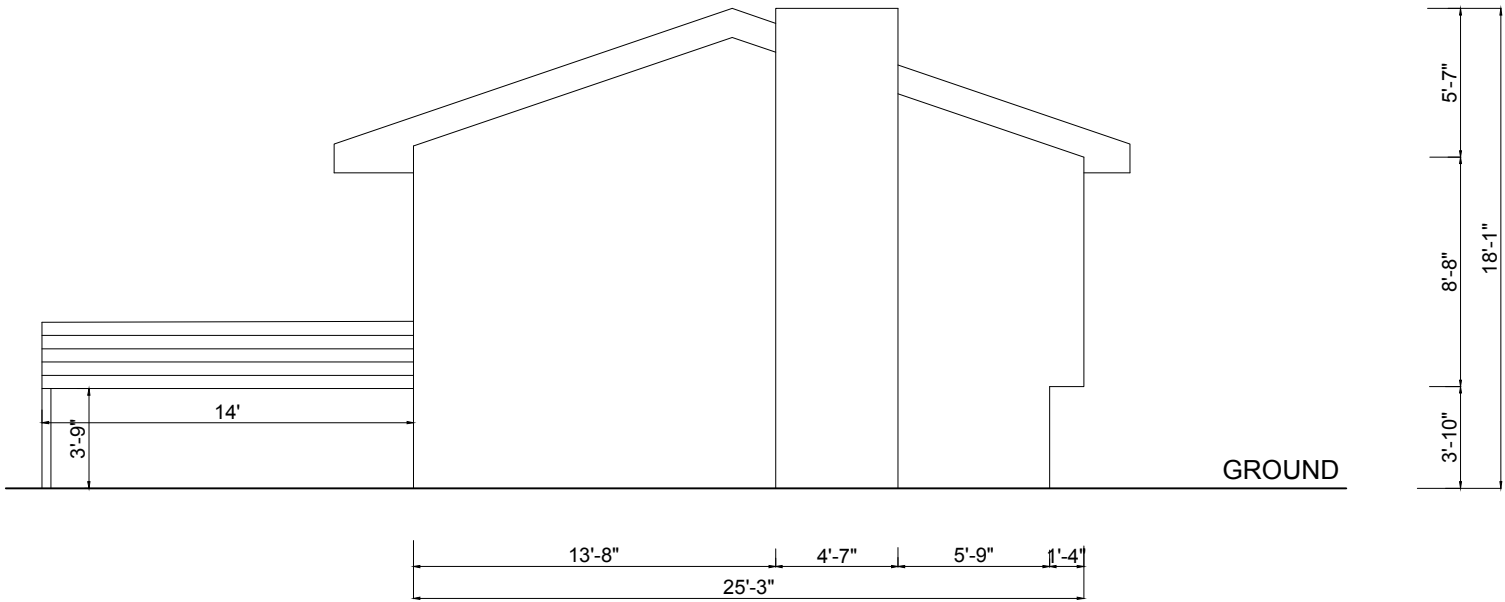
ADDITIONAL

ADDRESS:
4011Varmoor Rd NW, CALGARY, ALBERTA

DRAWING TITLE:
REAR ELEVATION

DRAWING BY: L.L DATE: JUL 01, 2026

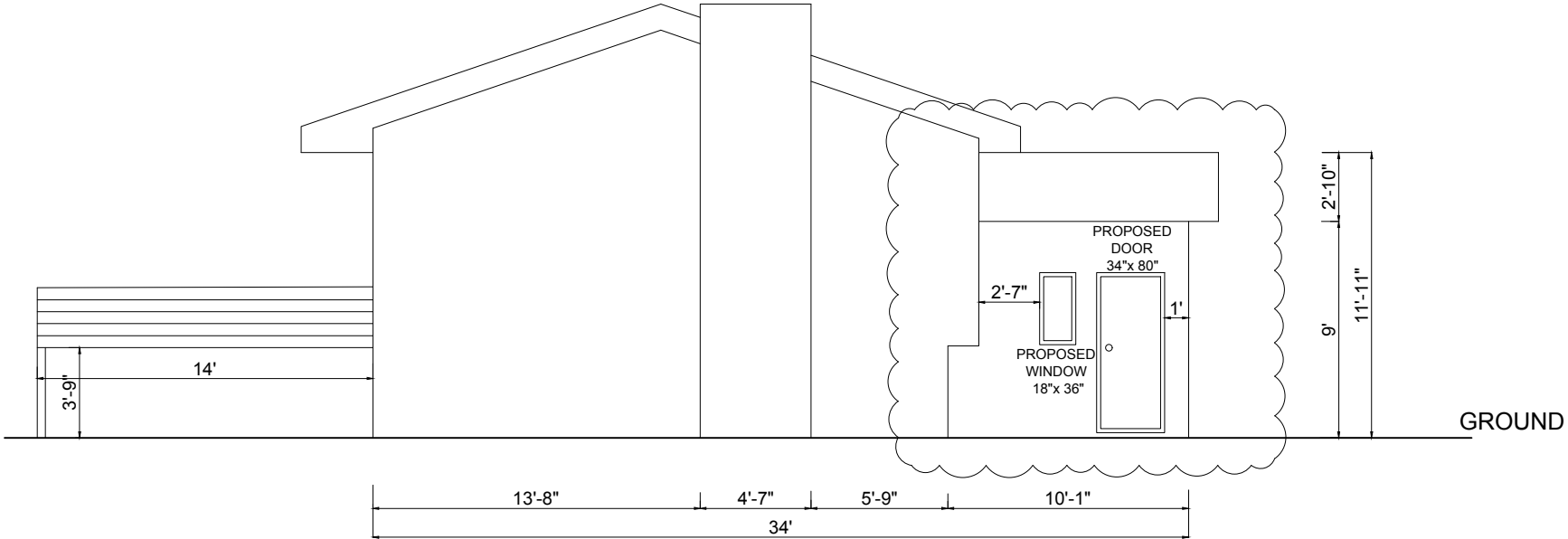
CHECK BY: J.H DATE: JUL 01, 2026



EXISTING LEFT ELEVATION

SCALE $\frac{3}{16}"=1'$
TOTAL WALL AREA 335 SQFT

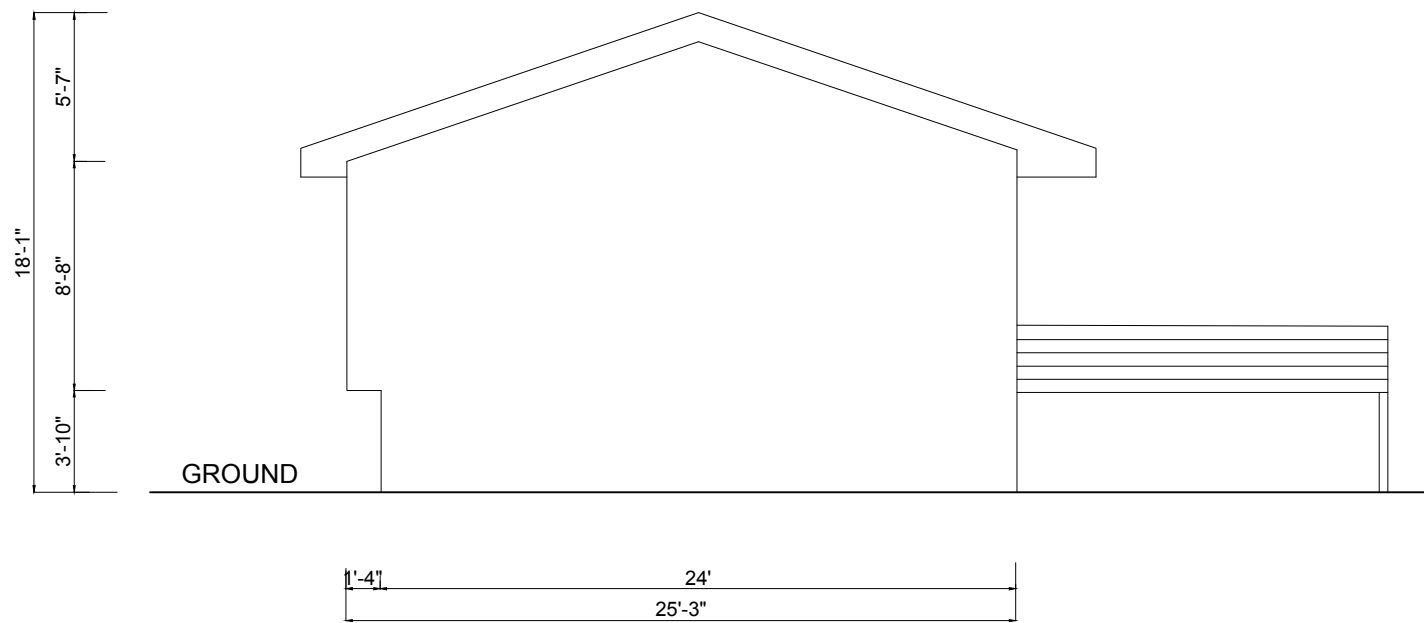
RIU BUILDER		PROJECT: ADDITIONAL	ADDRESS: 4011Varmoor Rd NW, CALGARY, ALBERTA	DRAWING TITLE: LEFT ELEVATION	DRAWING BY: L.L	DATE: JUL 01, 2026
					CHECK BY: J.H	DATE: JUL 01, 2026



PROPOSED LEFT ELEVATION

SCALE 3/16"=1'
TOTAL WALL AREA 510 SQFT
GLAZING AREA 4.5 SQFT
GLAZING AREA/TOTAL WALL AREA 1%

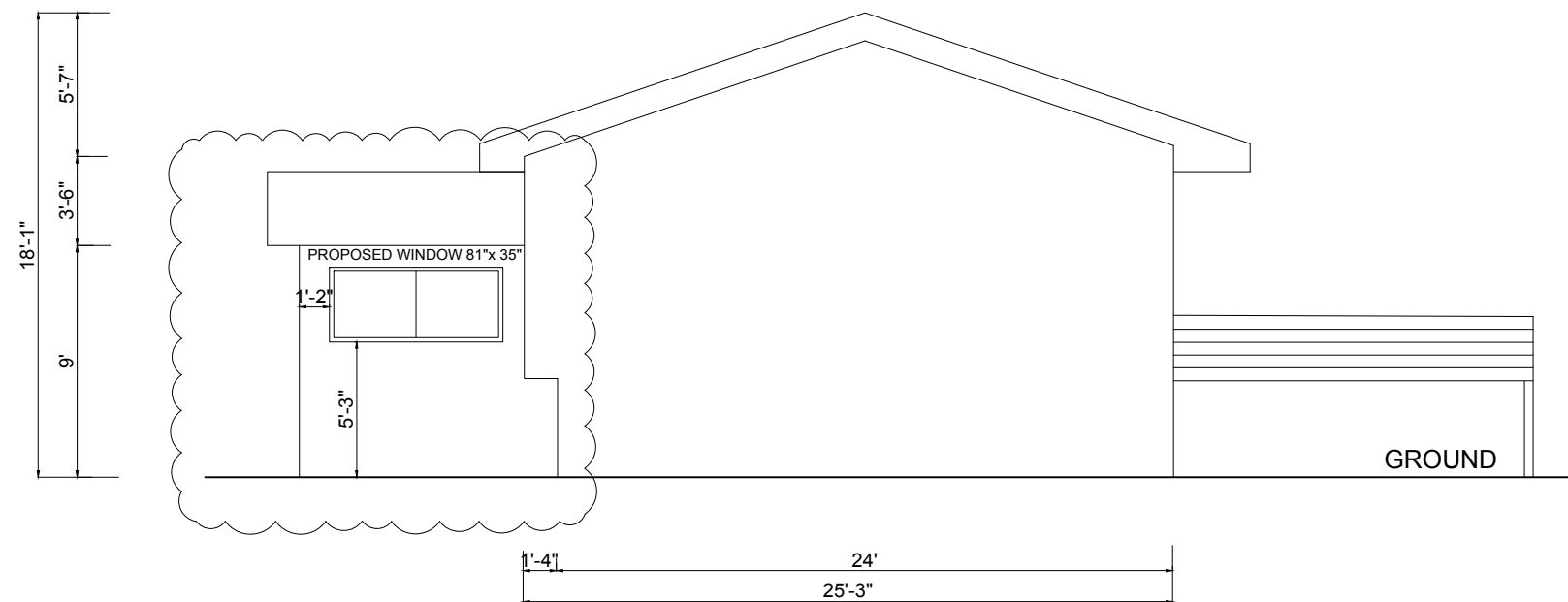
RIU BUILDER		PROJECT: ADDITIONAL	ADDRESS: 4011Varmoor Rd NW, CALGARY, ALBERTA	DRAWING TITLE: LEFT ELEVATION	DRAWING BY: L.L	DATE: JUL 01, 2026
					CHECK BY: J.H	DATE: JUL 01, 2026



EXISTING RIGHT ELEVATION

SCALE $\frac{3}{16}"=1'$
TOTAL WALL AREA 335 SQFT

RIU BUILDER		PROJECT: ADDITIONAL	ADDRESS: 4011Varmoor Rd NW, CALGARY, ALBERTA	DRAWING TITLE: RIGHT ELEVATION	DRAWING BY: L.L	DATE: JUL 01, 2026
					CHECK BY: J.H	DATE: JUL 01, 2026



PROPOSED RIGHT ELEVATION

SCALE $\frac{3}{16}"=1'$
TOTAL WALL AREA 510 SQFT
GLAZING AREA 20 SQFT
GLAZING AREA/TOTAL WALL AREA 3%

RIU
BUILDER

PROJECT:

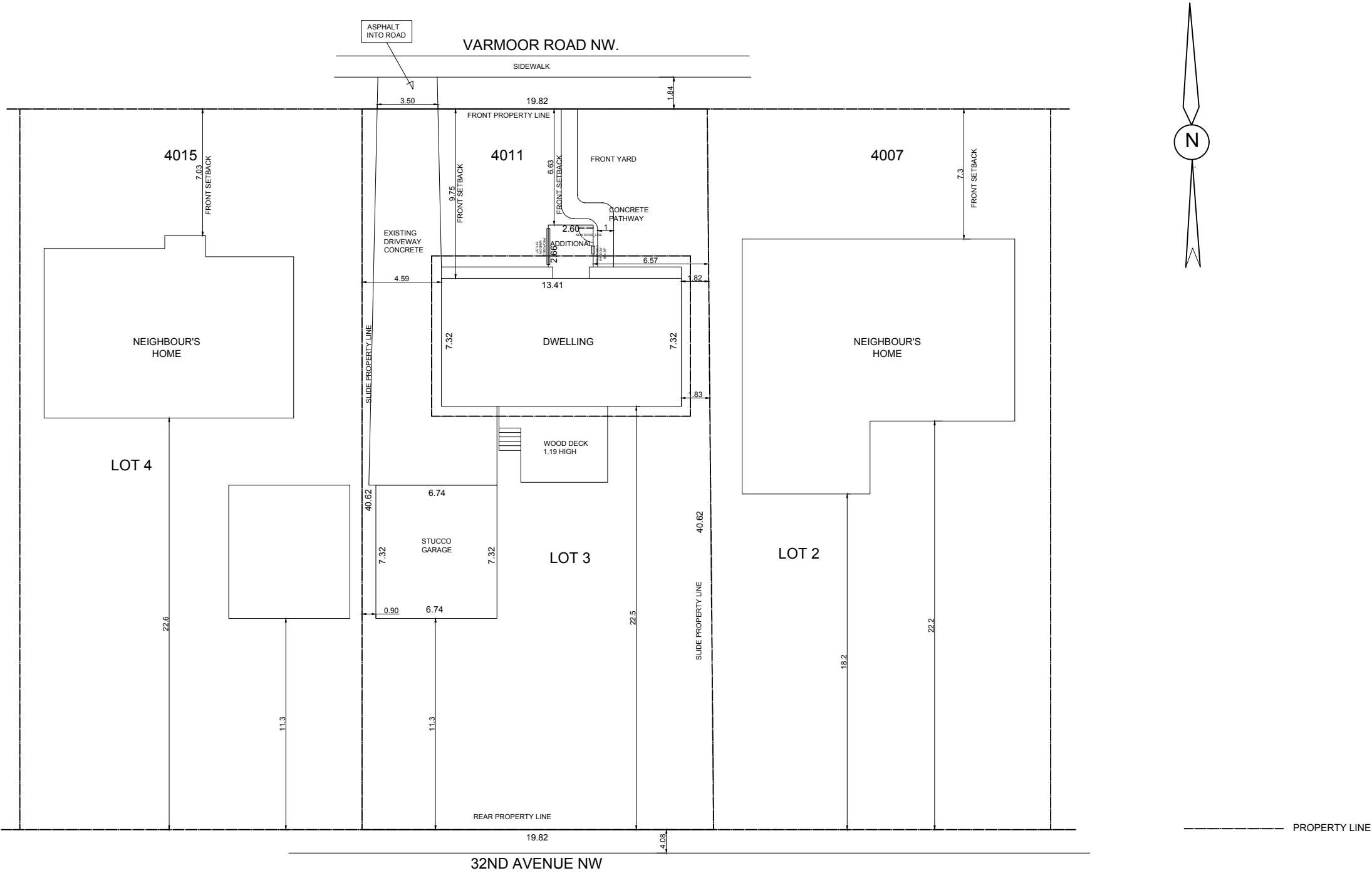
ADDITIONAL

ADDRESS:
4011Varmoor Rd NW, CALGARY, ALBERTA

DRAWING TITLE:
RIGHT ELEVATION

DRAWING BY: L.L. DATE: JUL 01, 2026

CHECK BY: J.H. DATE: JUL 01, 2026



SITE PLAN

RIU BUILDER		PROJECT: ADDITIONAL	ADDRESS:	DRAWING TITLE:	DRAWING BY:	DATE:
			4011Varmoor Rd NW, CALGARY, ALBERTA	SITE PLAN	L.L	AUG 11, 2026
			LEGAL DESCRIPTION:		CHECK BY:	DATE:
					J.H	AUG 11, 2026