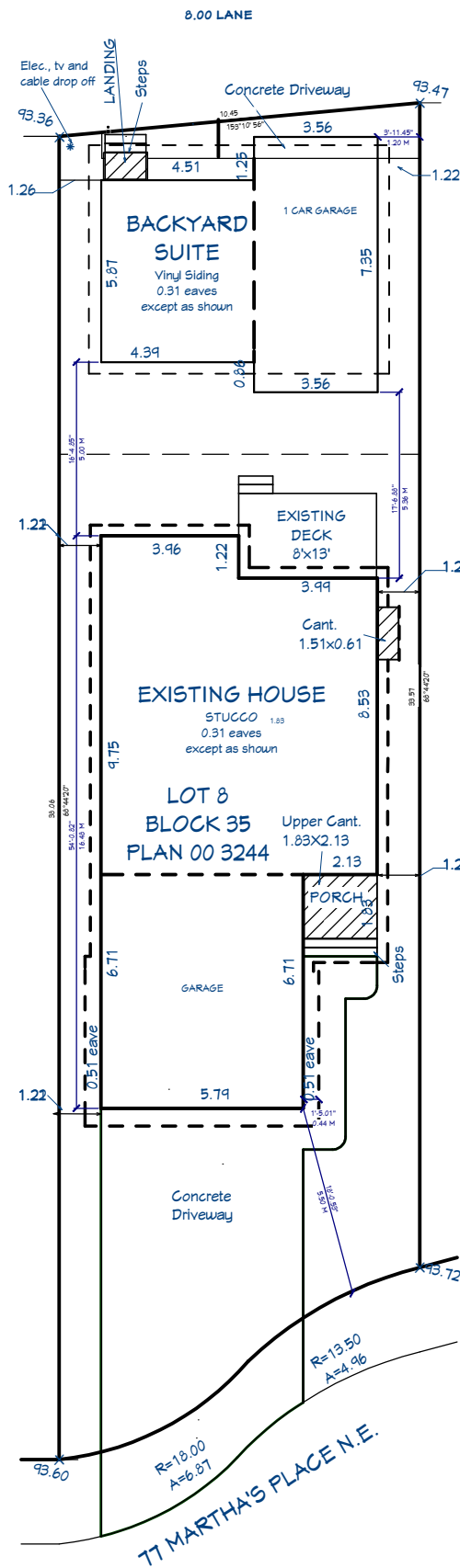
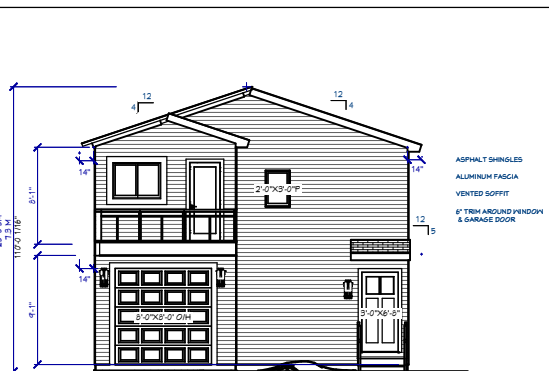




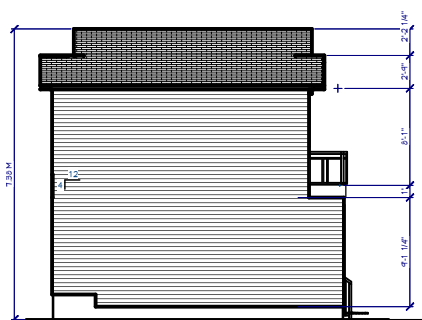
SITE PLAN
SCALE: 1:200



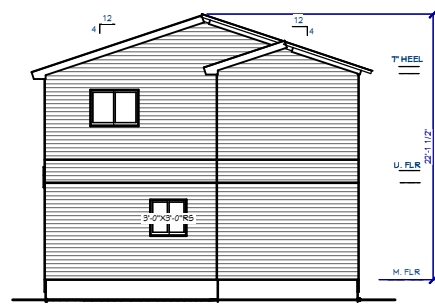
**EXISTING HOUSE
REAR ELEVATION**
SCALE: 1/16=1'-0"



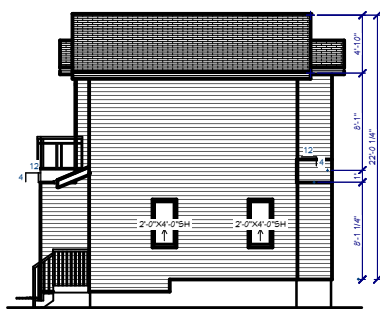
**SUITE FRONT
ELEVATION**
SCALE: 1/16=1'-0"



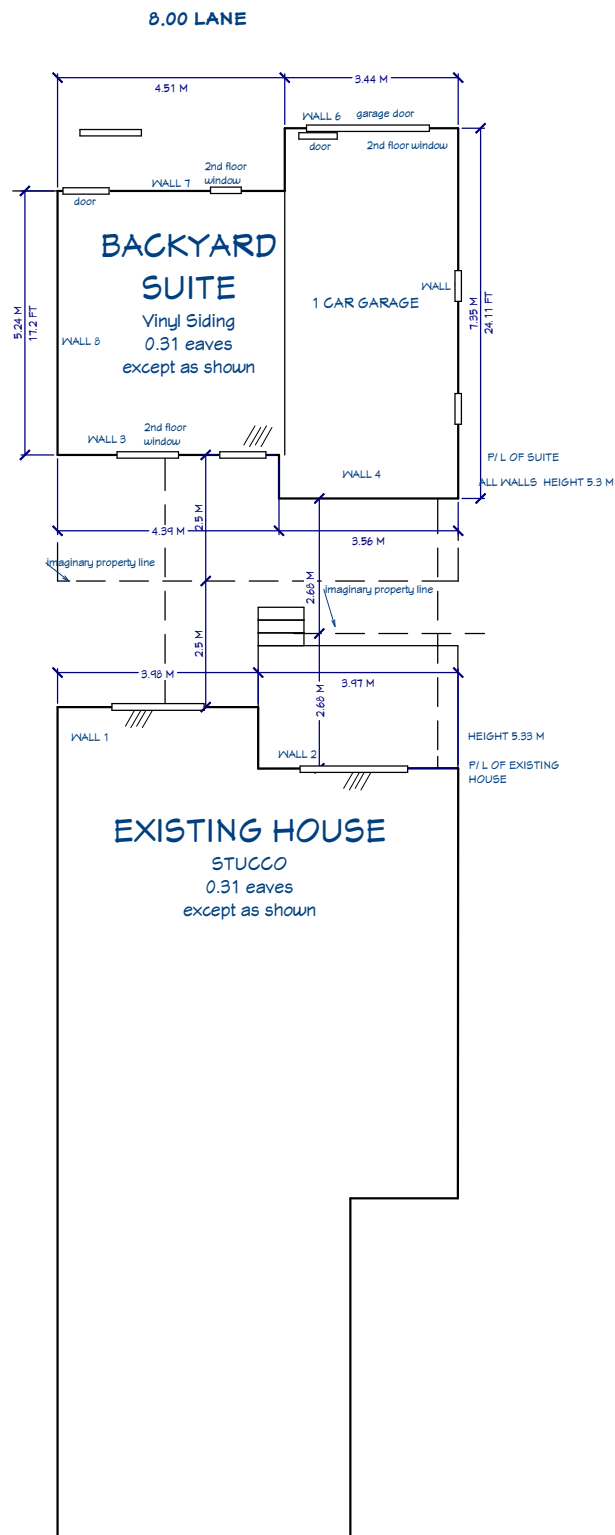
**SUITE LEFT
ELEVATION**
SCALE: 1/16=1'-0"



**SUITE REAR
ELEVATION**
SCALE: 1/16=1'-0"



**SUITE RIGHT
ELEVATION**
SCALE: 1/16=1'-0"



SPATIAL CALCULATION FOR EACH WALL
SCALE: 1:150

SPATIAL CALCULATION FOR BACKYARD SUITE

Method 2	
ABC 9.10.15.4 (2)	
Wall Area 3)	2.5M
Limiting Distance (Ld)	4.39x5.33 = 23.4 SQM
Area of Exposed Building Face	3.56x5.33 = 18.97 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 12%	23.4 SQM @ 12% = 2.8 SQM
Allowable Glazed Openings (Wall Area 3)	2.8 SQM
Provided is 1.95	
Wall Area 4)	2.68 M
Limiting Distance (Ld)	7.35x5.33 = 39.17 SQM
Area of Exposed Building Face	3.56x5.33 = 18.97 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 25.5%	18.97 SQM @ 25.5% = 4.81 SQM
Allowable Glazed Openings (Wall Area 4)	4.81 SQM
Provided is 0 SQM	
ABC 9.10.15.4 (2)	
Wall Area 5)	1.2M
Limiting Distance (Ld)	7.35x5.33 = 39.17 SQM
Area of Exposed Building Face	3.56x5.33 = 18.97 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 7%	39.17 SQM @ 7% = 2.74 SQM
Allowable Glazed Openings (Wall Area 5)	2.74 SQM
Provided is 0	
Wall Area 6)	5M
Limiting Distance (Ld)	3.44x5.33 = 18.33 SQM
Area of Exposed Building Face	3.44x5.33 = 18.33 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 88%	18.33 SQM @ 88% = 16.32 SQM
Allowable Glazed Openings (Wall Area 6)	16.32 SQM
Provided is 8.61 SQM	
Wall Area 7)	6M
Limiting Distance (Ld)	4.51x5.33 = 24.03 SQM
Area of Exposed Building Face	4.51x5.33 = 24.03 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 88%	24.03 SQM @ 88% = 21.14 SQM
Allowable Glazed Openings (Wall Area 7)	21.14 SQM
Provided is 2.41 SQM	
ABC 9.10.15.4 (2)	
Wall Area 8)	1.2M
Limiting Distance (Ld)	5.24x5.33 = 27.92 SQM
Area of Exposed Building Face	5.24x5.33 = 27.92 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 7%	27.92 SQM @ 7% = 1.95 SQM
Allowable Glazed Openings (Wall Area 8)	1.95 SQM
Provided is 1.49 SQM	

SPATIAL CALCULATION FOR EXISTING HOUSE

Method 2	
ABC 9.10.15.4 (2)	
Wall Area 1)	2.5M
Limiting Distance (Ld)	3.97x5.33 = 21.18 SQM
Area of Exposed Building Face	3.97x5.33 = 21.18 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 12%	21.18 SQM @ 12% = 2.54 SQM
Allowable Glazed Openings (Wall Area 1)	2.54 SQM
Actual is 5.02 SQM	
Wall Area 2)	3.11M
Limiting Distance (Ld)	3.97x5.33 = 21.18 SQM
Area of Exposed Building Face	3.97x5.33 = 21.18 SQM
Table 9.10.15.4 (With Area=30 SQM, Ld=2.5M), Allowable Percentage of Glazed Openings = 39%	21.18 SQM @ 39% = 8.26 SQM
Allowable Glazed Openings (Wall Area 2)	8.26 SQM
Actual is 4.74 SQM	

SEAL

IMPORTANT NOTES

- ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES TO BE REPORTED TO THE DESIGNERS PRIOR TO CONSTRUCTION.
- DO NOT SCALE THIS DRAWING

REVISIONS

NO. DP COMMENTS - DATE

DAVINCI
HOMES

PROJECT TITLE

NEW
BACKYARD
SUITE

77 MARTHA'S PL NE
CALGARY ALBERTA

LOT 8, BLOCK 35
PLAN 011 3244

ARCADE
DESIGNS

254 ROYAL BAY N.W.
CALGARY AB T3G 5J6

DESIGNER

NZ

DATE:

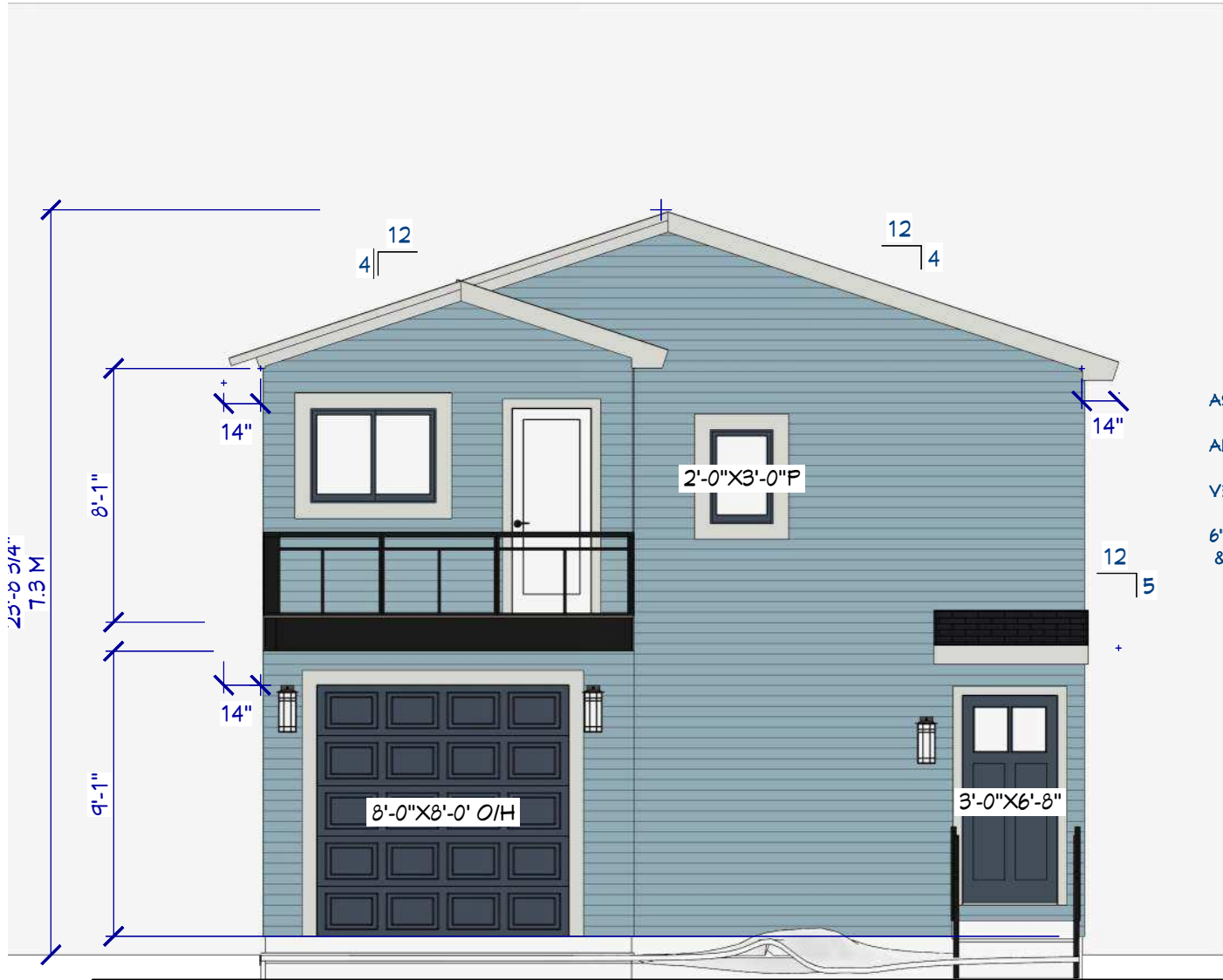
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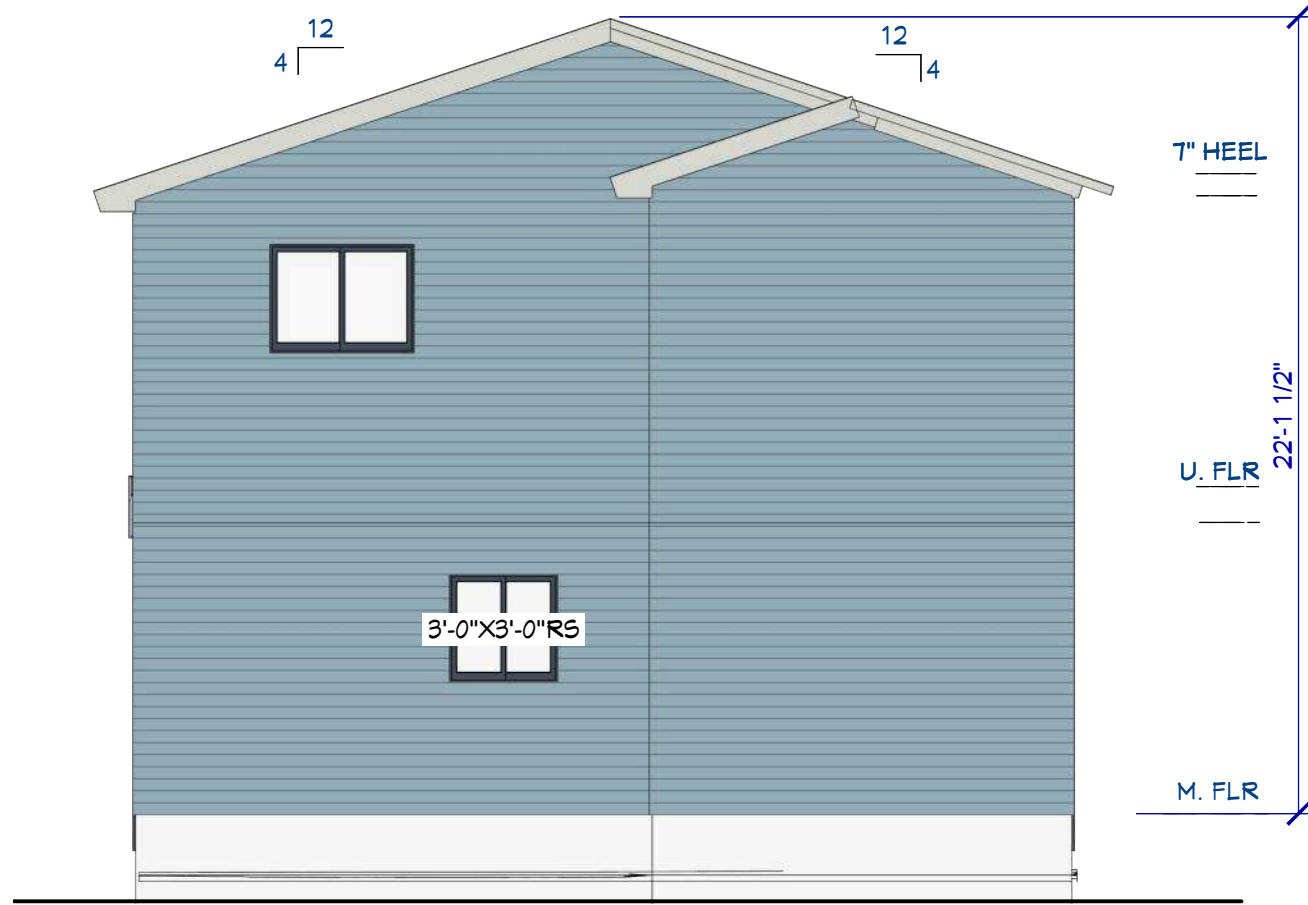
AS NOTED

SHEET:

A-1



FRONT ELEVATION
SCALE: 3/16"=1'-0"



REAR ELEVATION
SCALE: 3/16"=1'-0"

SEAL

IMPORTANT NOTES

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REVISIONS

NO. DP COMMENTS - DATE

DAVINCI
HOMES

PROJECT TITLE

NEW
BACKYARD
SUITE

77 MARTHA'S PL NE
CALGARY ALBERTA

LOT 8, BLOCK 35
PLAN 011 3244
FLOORPLAN

ARCADE
DESIGNS

254 ROYAL BAY N.W.
CALGARY AB T3G 5J6

DESIGNER

NZ

DATE:

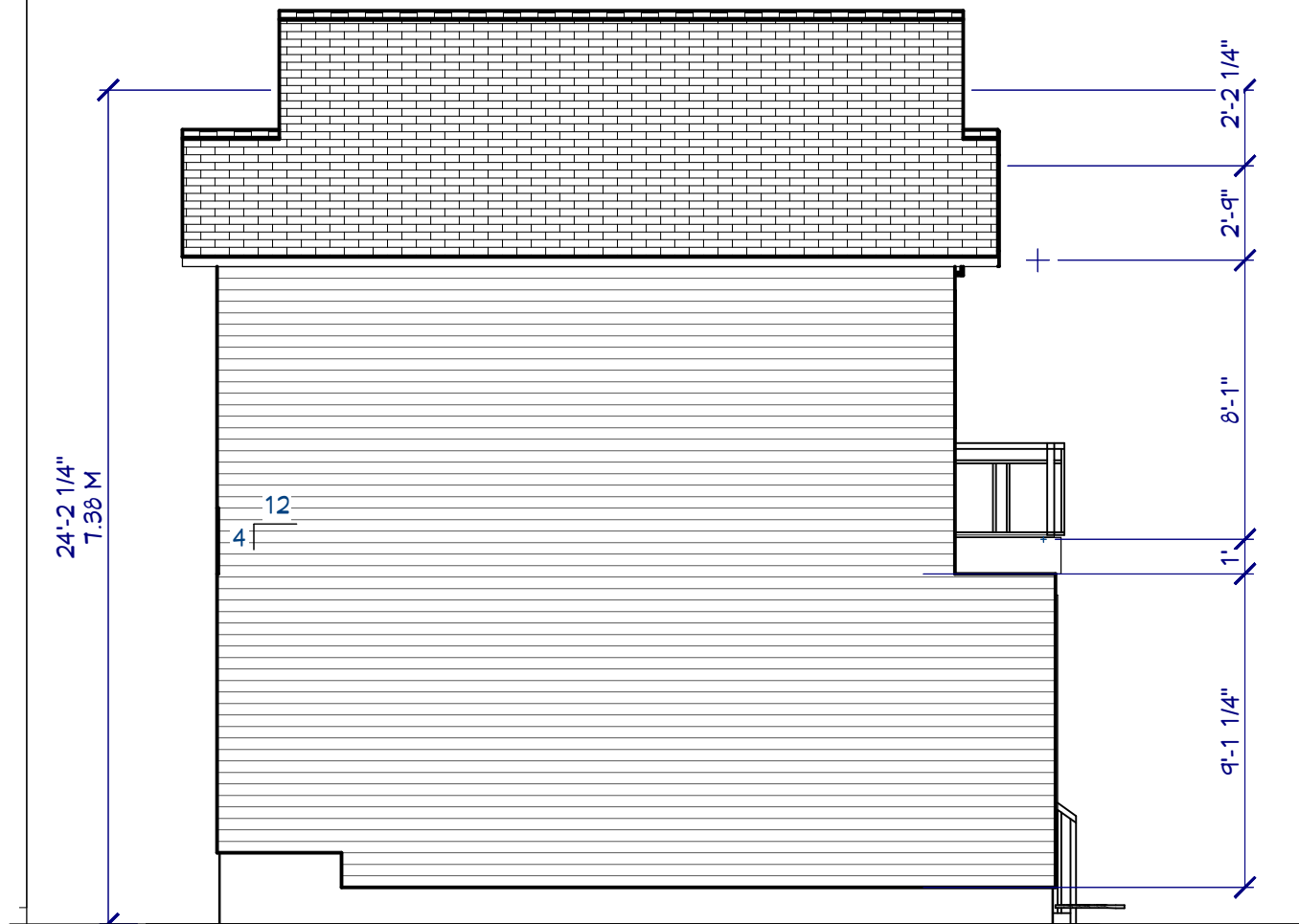
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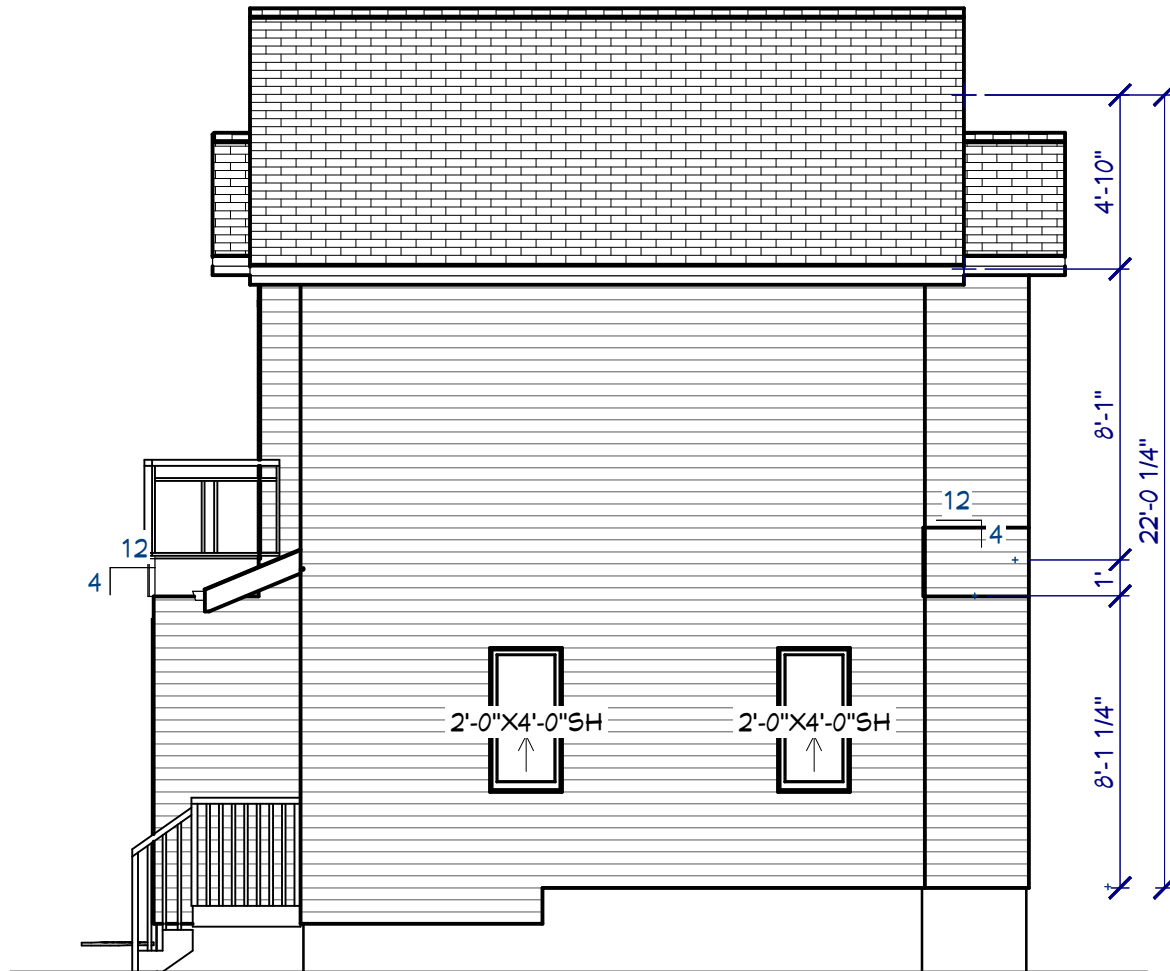
AS NOTED

SHEET:

A-3



LEFT ELEVATION
SCALE: 3/16"=1'-0"



RIGHT ELEVATION
SCALE: 3/16"=1'-0"

SEAL

IMPORTANT NOTES

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REVISIONS

NO. DP COMMENTS - DATE

DAVINCI
HOMES

PROJECT TITLE

NEW
BACKYARD
SUITE

77 MARTHA'S PL NE
CALGARY ALBERTA

LOT 8, BLOCK 35
PLAN 011 3244

ARCADE
DESIGNS

254 ROYAL BAY N.W.
CALGARY AB T3G 5J6

DESIGNER

NZ

DATE:

2026-07-06

SCALE:

AS NOTED

SHEET:

A-4