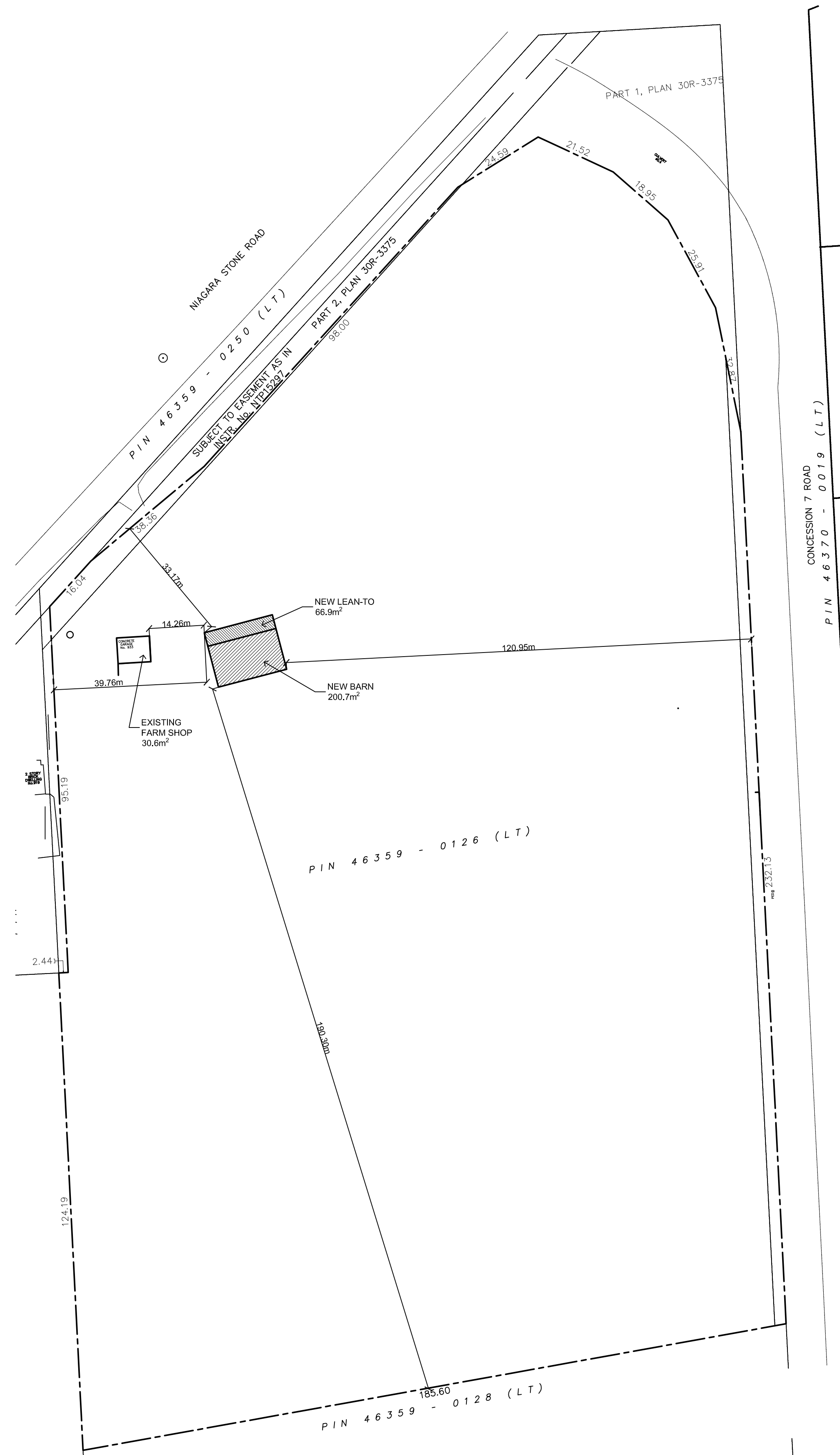


NEOB Lavender Barn

933 Niagara Stone Road, Niagara-on-the-Lake



Item	Ontario Building Code Data Matrix Parts 3 & 9	Ontario Building Code Reference																																																							
1	Project Description <input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Change of Use <input type="checkbox"/> Alteration Part 11 11.1 to 11.4	<input type="checkbox"/> Part 3 <input type="checkbox"/> Part 9 2.1.1 2.1.1 9.10.1.3 9.10.2																																																							
2	Major Occupancy(s) E	3.1.2.1 (1) 9.10.2																																																							
3	Building Area (m²) Existing: 0 New: 267.6 Total: 267.6	1.1.3.2 1.1.3.2																																																							
4	Gross Area (m²) Existing: 0 New: 267.6 Total: 267.6	1.1.3.2 1.1.3.2																																																							
5	Number of Storeys Above Grade: 1 Below Grade: 0	3.2.1.1 & 1.1.3.2 2.1.1.3																																																							
6	Number of Streets / Fire Fighter Access 1	3.2.2.10 & 3.2.5 9.10.19																																																							
7	Building Classification 9.10.4	3.2.2.20-83 9.10.4																																																							
8	Sprinkler System Proposed <input type="checkbox"/> Entire Building <input type="checkbox"/> Basement Only <input type="checkbox"/> In Lieu of Roof Rating <input checked="" type="checkbox"/> Not Required	3.2.2.20-83 3.2.1.5 3.2.2.17 9.10.8																																																							
9	Standpipe Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.9 N/A																																																							
10	Fire Alarm Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.4 9.10.7.2																																																							
11	Water Service/Supply is Adequate <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.5.7 N/A																																																							
12	High Building <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.6 N/A																																																							
13	Permitted Construction <input type="checkbox"/> Combustible <input type="checkbox"/> Non-Combustible <input checked="" type="checkbox"/> Both Actual Construction <input type="checkbox"/> Combustible <input type="checkbox"/> Non-Combustible <input checked="" type="checkbox"/> Both	3.2.2.20-83 9.10.6																																																							
14	Mezzanine(s) Area (m²) -	3.2.1.1 (3)-(8) 9.10.4.1																																																							
15	Occupant Load Based on <input checked="" type="checkbox"/> m²/person <input type="checkbox"/> Design of Building 1st Floor Occupancy E Load 47 persons	3.1.16 9.9.1.3																																																							
16	Barrier-Free Design <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Modified (11.3.3.2 (3)) <input type="checkbox"/> No	3.8 9.5.2																																																							
17	Hazardous Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.2 & 3.3.1.19 9.10.1.3 (4)																																																							
18	Required Fire Resistance (FRR) Horizontal Assemblies FRR (Hours) Floors - Hours Roof - Hours Mezzanine - Hours FRR of Supporting Members Floors - Hours Roof - Hours Mezzanine - Hours Listed Design No. or Description (SG-2)	3.2.2.20-83 & 3.2.1.4 9.10.8 9.10.9																																																							
19	Spatial Separation - Construction of Exterior Walls	3.2.3 9.10.14																																																							
	<table border="1"> <thead> <tr> <th>Wall</th> <th>Area of EBF (m²)</th> <th>L.D. (m)</th> <th>LH or HL</th> <th>Permitted Max. % of Openings</th> <th>Proposed Max. % of Openings</th> <th>FRR (Hours)</th> <th>Listed Design or Description</th> <th>Comb. Const.</th> <th>Comb. Const. Nonc. Cladding</th> <th>Non-Comb. Const.</th> </tr> </thead> <tbody> <tr> <td>North</td> <td>35.5</td> <td>3.54</td> <td>-</td> <td>26.5</td> <td>5.2</td> <td>3/4</td> <td>WALL W1</td> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>East</td> <td>83</td> <td>30.60</td> <td>-</td> <td>100</td> <td>100</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> </tr> <tr> <td>South</td> <td>35.5</td> <td>4.64</td> <td>-</td> <td>100</td> <td>5.2</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> </tr> <tr> <td>West</td> <td>83</td> <td>20.48</td> <td>-</td> <td>100</td> <td>100</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Wall	Area of EBF (m²)	L.D. (m)	LH or HL	Permitted Max. % of Openings	Proposed Max. % of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb. Const. Nonc. Cladding	Non-Comb. Const.	North	35.5	3.54	-	26.5	5.2	3/4	WALL W1	✓			East	83	30.60	-	100	100	-	-				South	35.5	4.64	-	100	5.2	-	-				West	83	20.48	-	100	100	-	-				
Wall	Area of EBF (m²)	L.D. (m)	LH or HL	Permitted Max. % of Openings	Proposed Max. % of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb. Const. Nonc. Cladding	Non-Comb. Const.																																															
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South	35.5	4.64	-	100	5.2	-	-																																																		
West	83	20.48	-	100	100	-	-																																																		

CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE JOB SITE

The undersigned has reviewed and takes responsibility for the design and has the qualifications and meets requirements set out in the Ontario Building Code to be a designer.
 QUALIFICATION INFORMATION:
 Required unless design is exempt under 2.17.5.1 of the building code.
 JOSHUA VAN MUYEN
 NAME SIGNATURE BCN
 REGISTRATION INFORMATION:
 Required unless design is exempt under 2.17.4.1 of the building code.
 JOSHUA VAN MUYEN
 FRM NAME SIGNATURE BCN

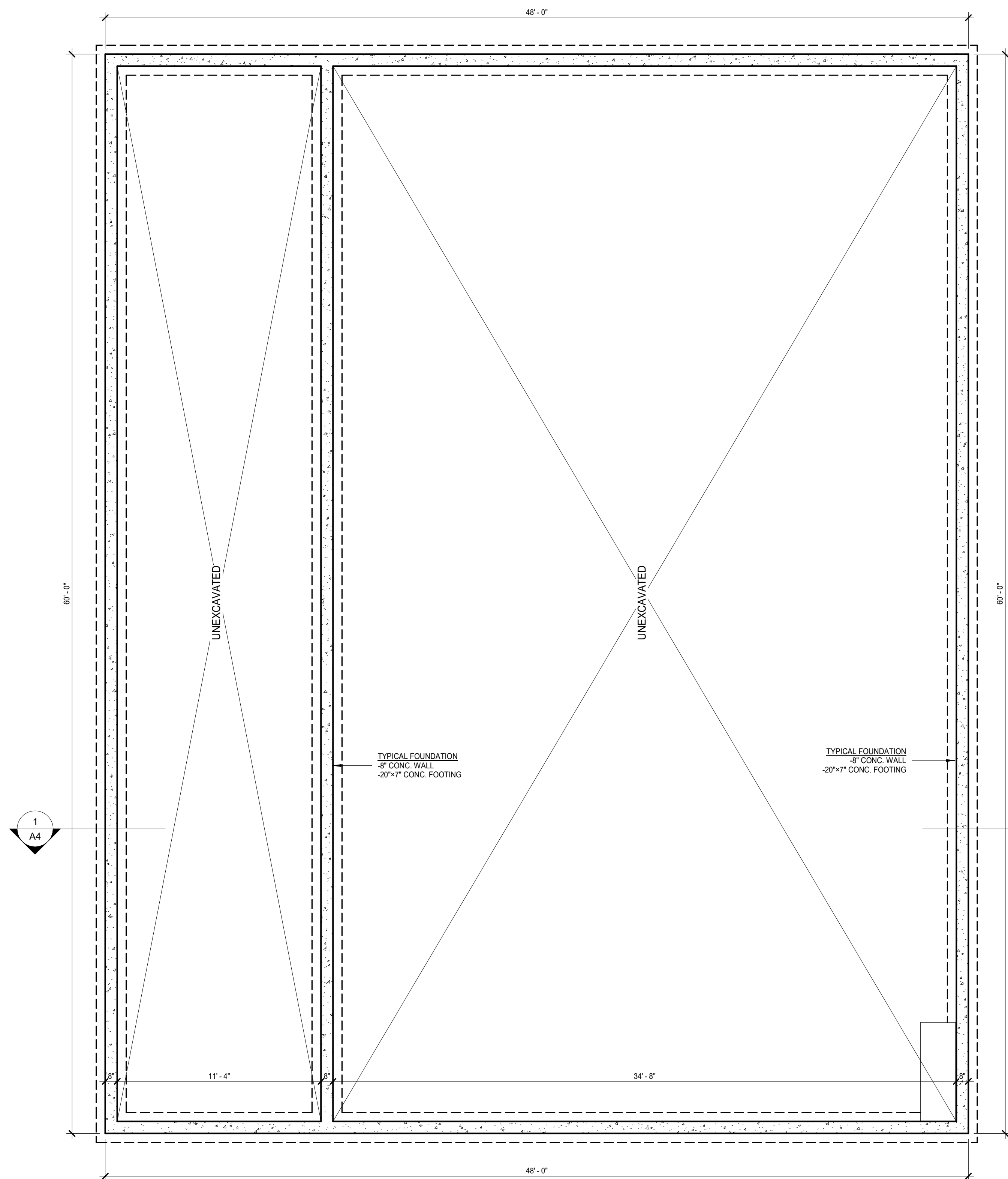
Joshua Van Muyen
 Building Design Services
 206 Vine Street
 St. Catharines ON, L2M 4S8
 email: jvmuyen@gmail.com
 phone: 905-324-1988

New Barn
 NEOB Lavender
 933 Niagara Stone Road
 Niagara-on-the-Lake, ON

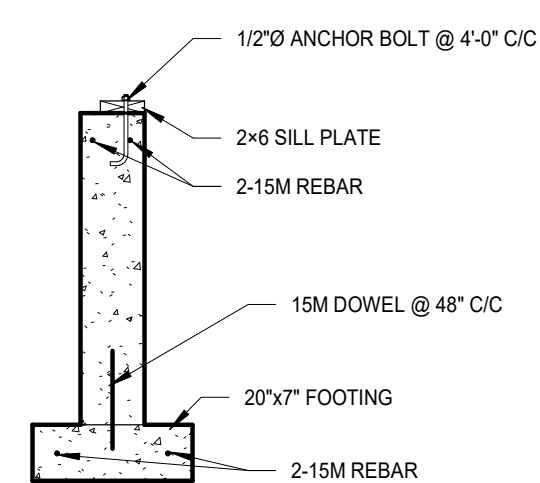
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 Scale: 1/2" = 1'-0"
 Drawn By: J. Van Muyen
 Approved: J. Van Muyen
 Date: January 3, 2024
 Project #: 23-53
 Paper Size: 24"x36"
 Drawing #:

A0

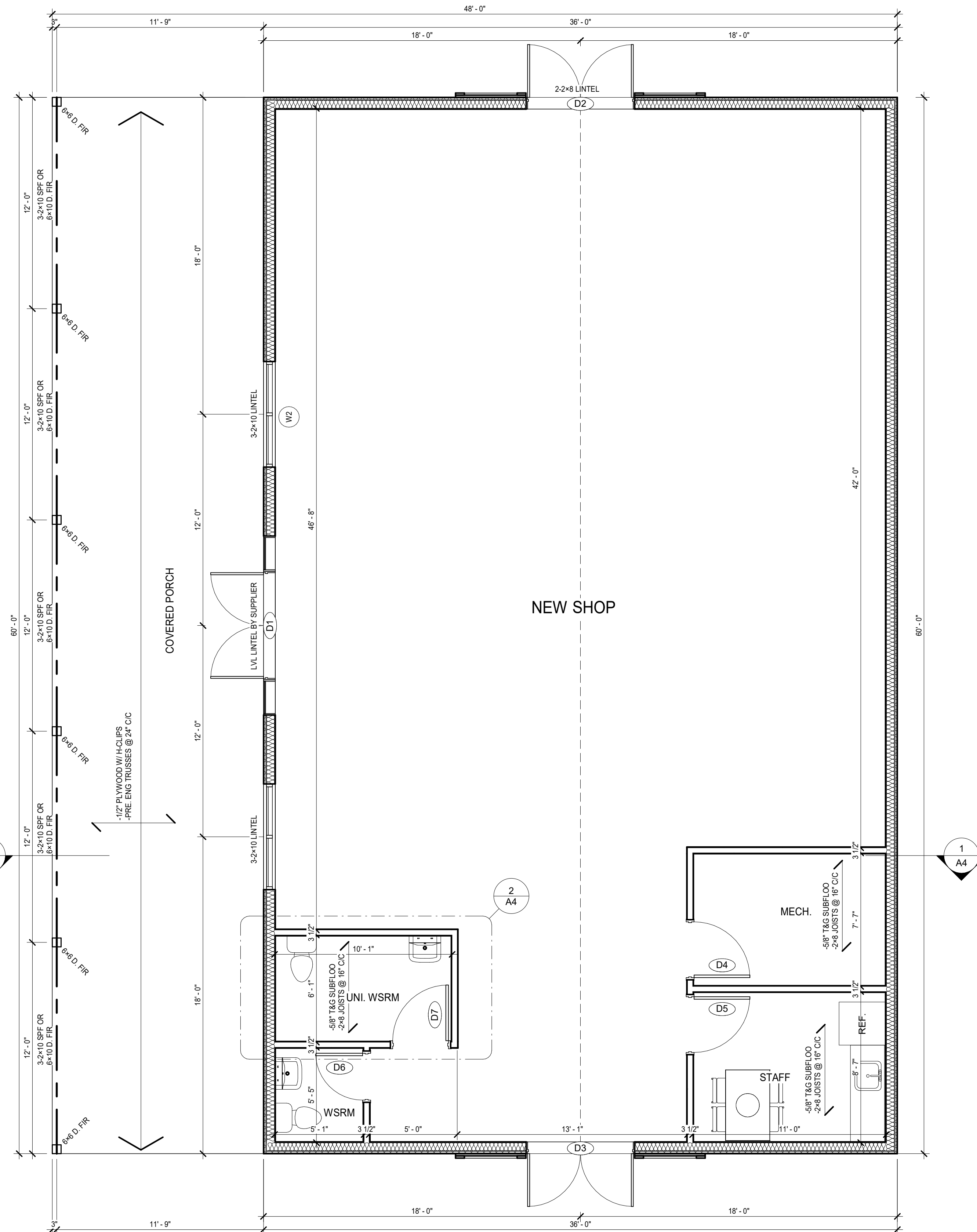
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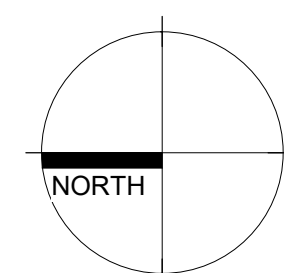
Foundation Plan
1/4" = 1'-0"



1 Foundation Detail
A1
1/2" = 1'-0"



Main Floor Plan
1/4" = 1'-0"



The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Registered under the Design Act, R.S.O. 1990, c. 191, s. 11.1 of the Building Code.
NAME: JOSHUA VAN MUYEN
SIGNATURE: *[Signature]*
BCIN: 48308

REGISTRATION INFORMATION
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NAME: JOSHUA VAN MUYEN
SIGNATURE: *[Signature]*
BCIN: 48308

Joshua Van Muyen
Building Design Services

206 Vine Street
St. Catharines ON, L2M 4S8
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phone: 905-324-1988

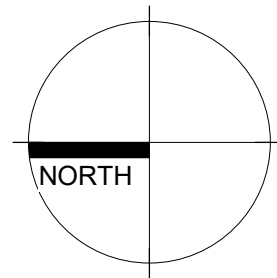
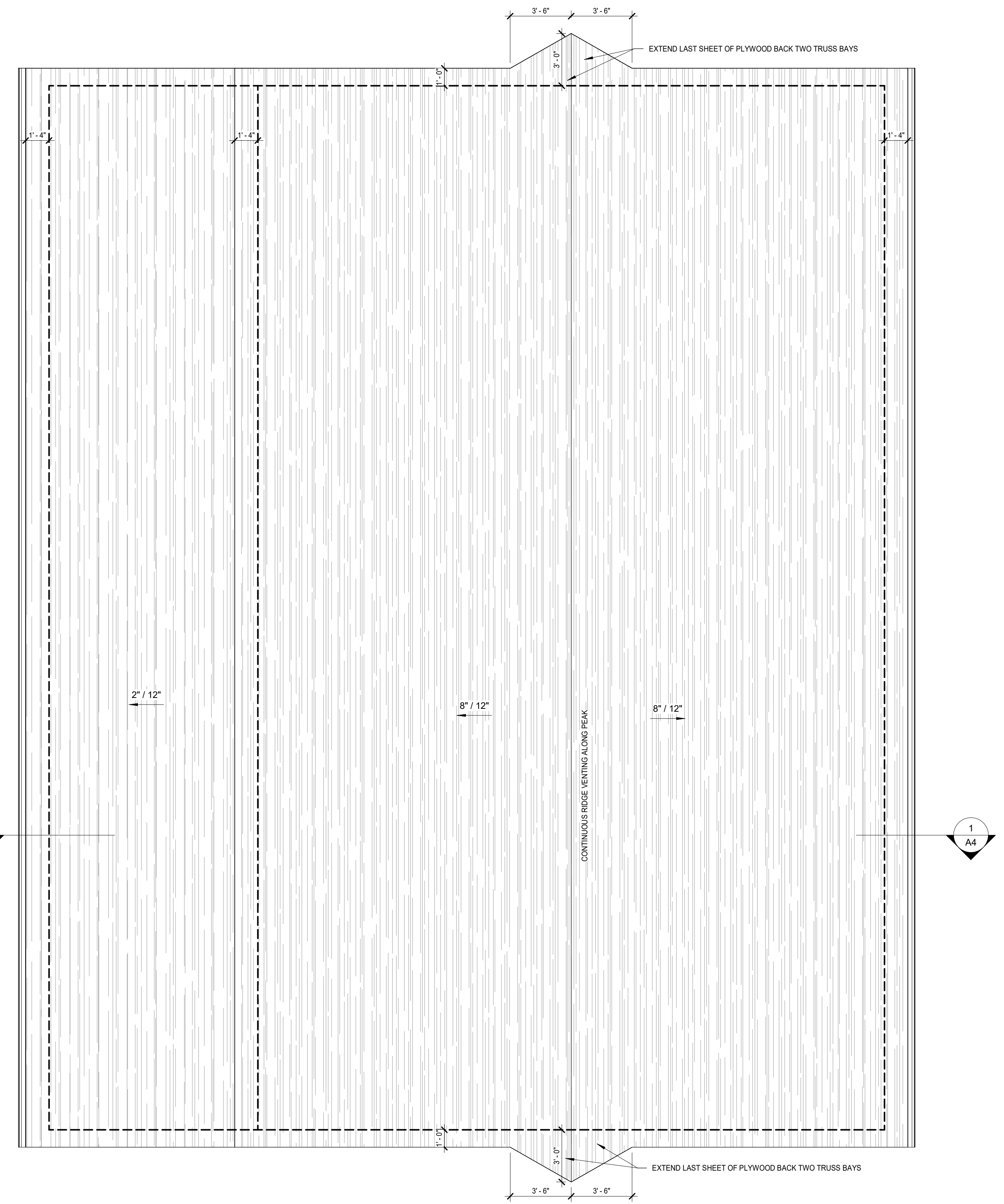
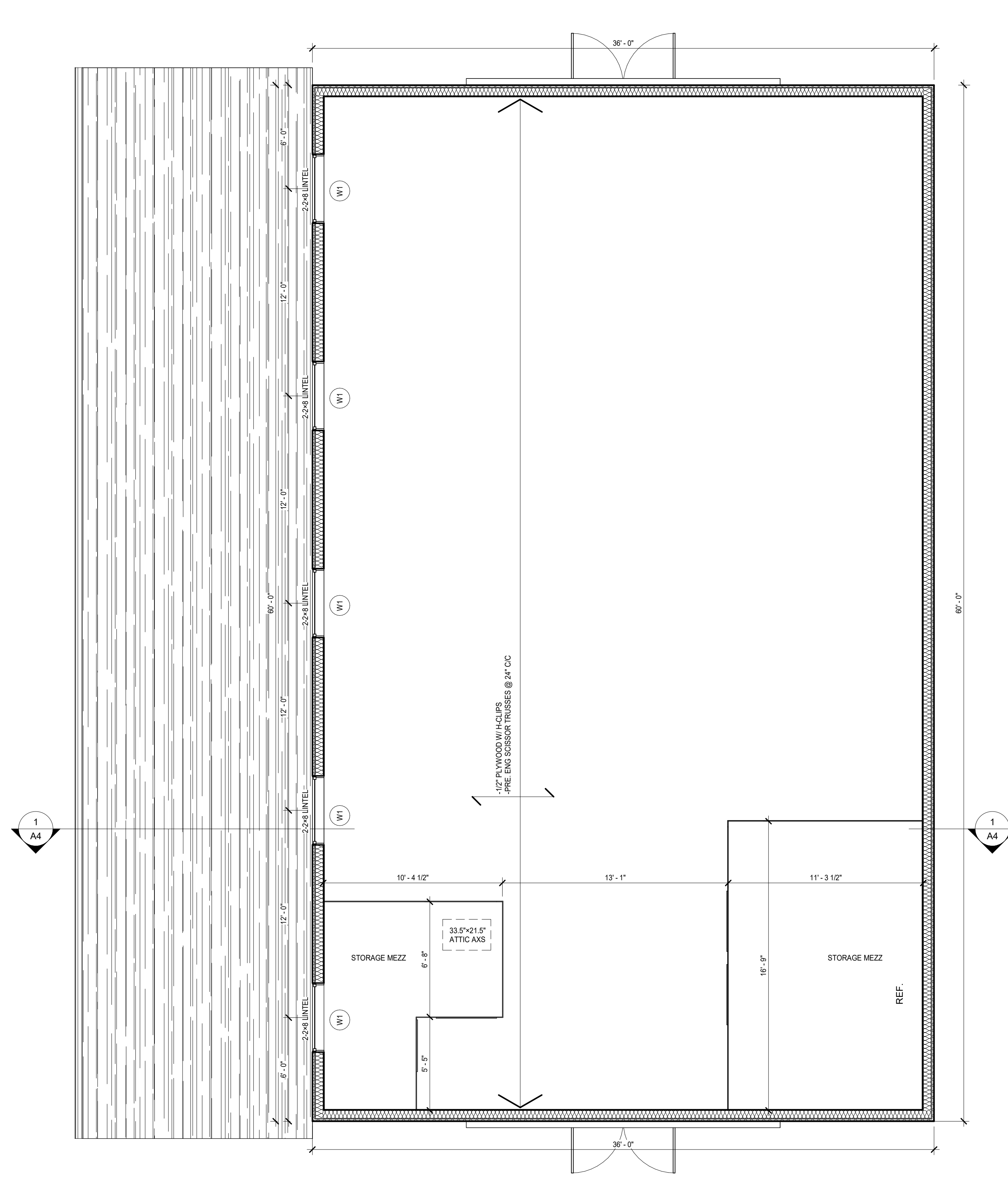
New Barn
NEOB Lavender

933 Niagara Stone Road
Niagara-on-the-Lake, ON

Foundation & Main Floor Plan

Scale:	As indicated
Drawn By:	J. Van Muyen
Approved:	J. Van Muyen
Date:	January 3, 2024
Project #:	23-53
Paper Size:	24"x36"
Drawing #:	A1

A1



The undersigned has reviewed and takes responsibility for this design and has the qualifications and experience to design in accordance with the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Registered unless design is exempt under 2.17.5.1 of the building code.
NAME: JOSHUA VAN MUYEN
SIGNATURE: [Signature]
REGISTRATION NO. AND EXPIRATION: [Signature] BCKN
Registered unless design is exempt under 2.17.4.1 of the building code.
FIRST NAME: JOSHUA VAN MUYEN
LAST NAME: BCKN

Joshua Van Muyen
Building Design Services
206 Vine Street
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email: jvmuyen@gmail.com
phone: 905-324-1988

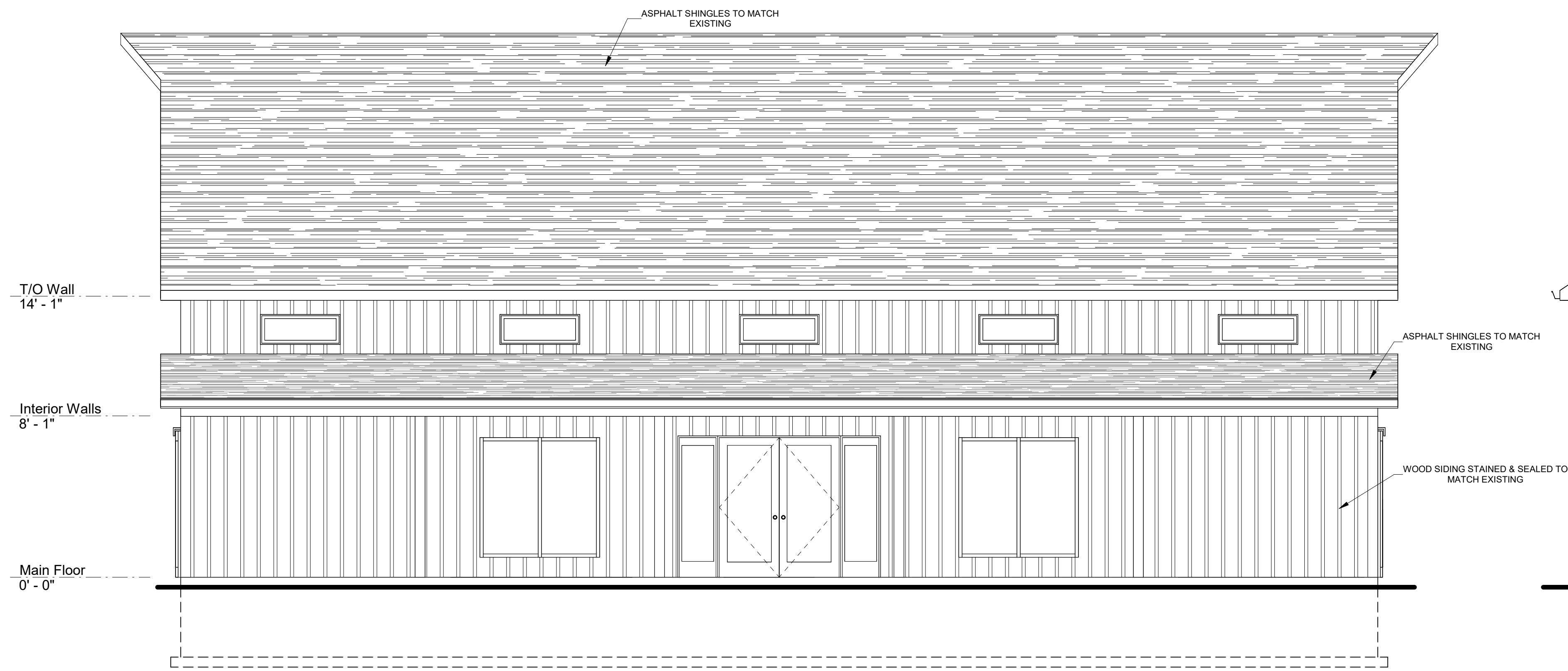
New Barn
NEOB Lavender

933 Niagara Stone Road
Niagara-on-the-Lake, ON

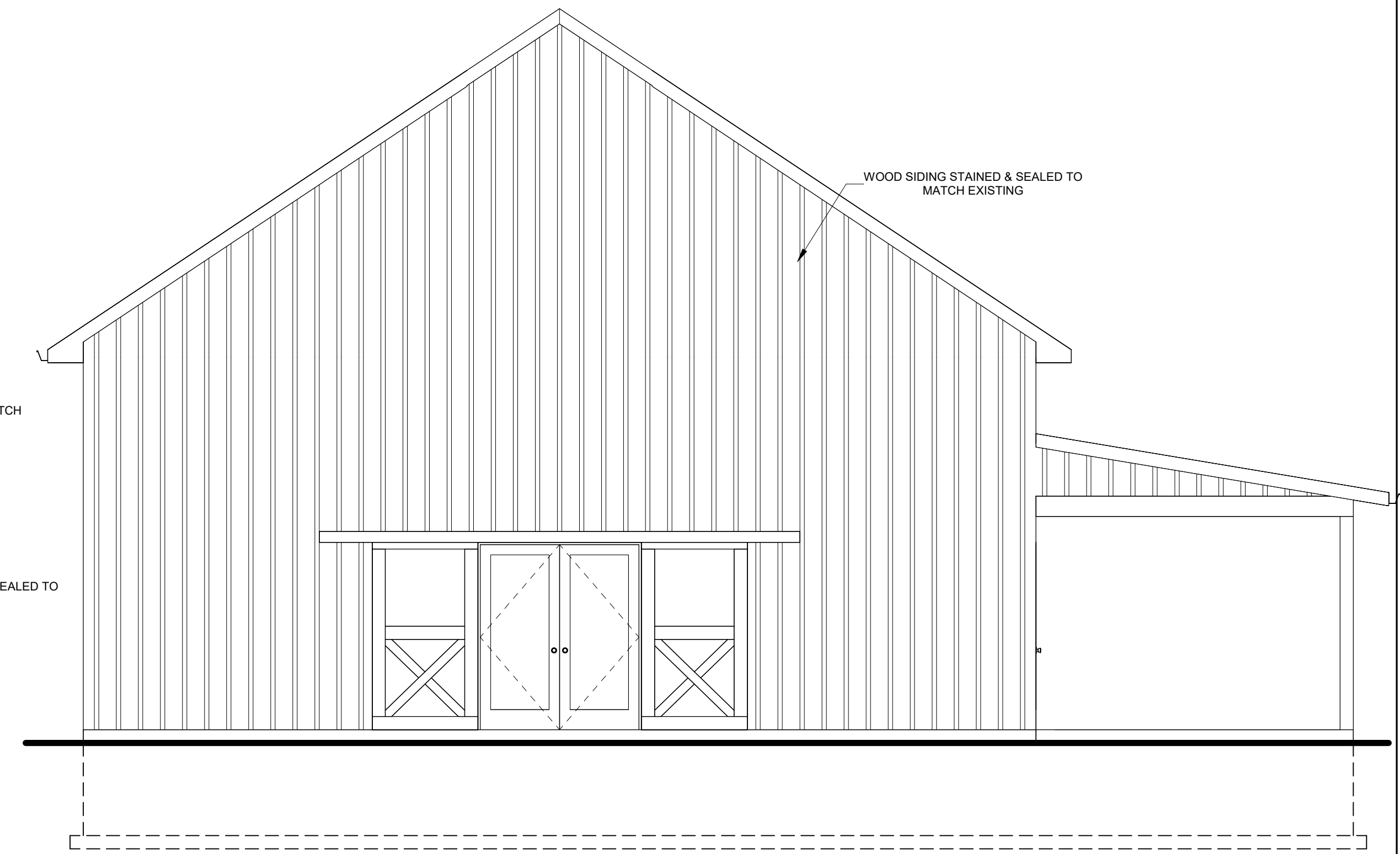
Upper Main & Roof Plan

Scale: 1/4" = 1'-0"
Drawn By: J. Van Muyen
Approved: J. Van Muyen
Date: January 3, 2024
Project #: 23-53
Paper Size: 24"x36"
Drawing #:

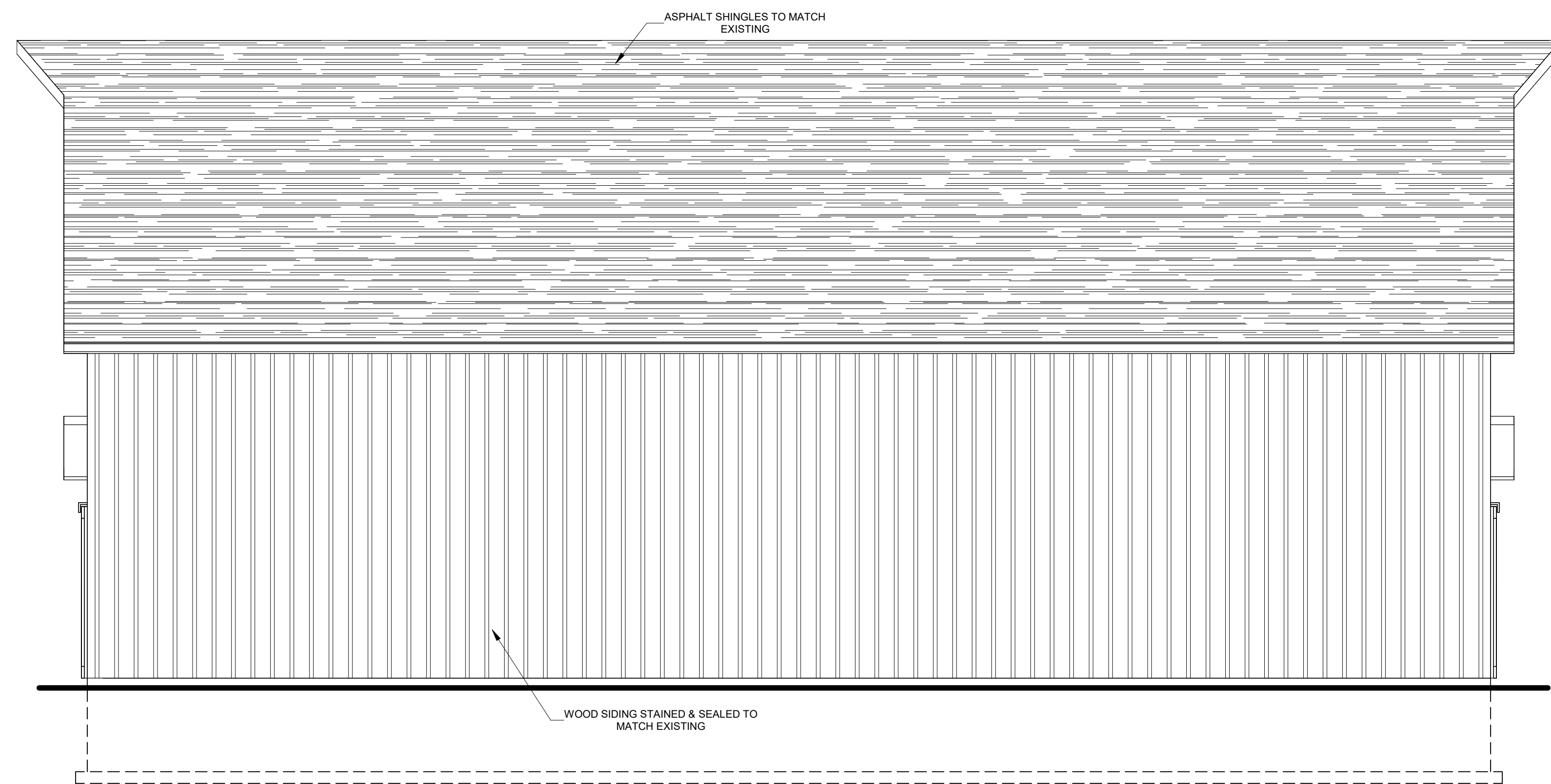
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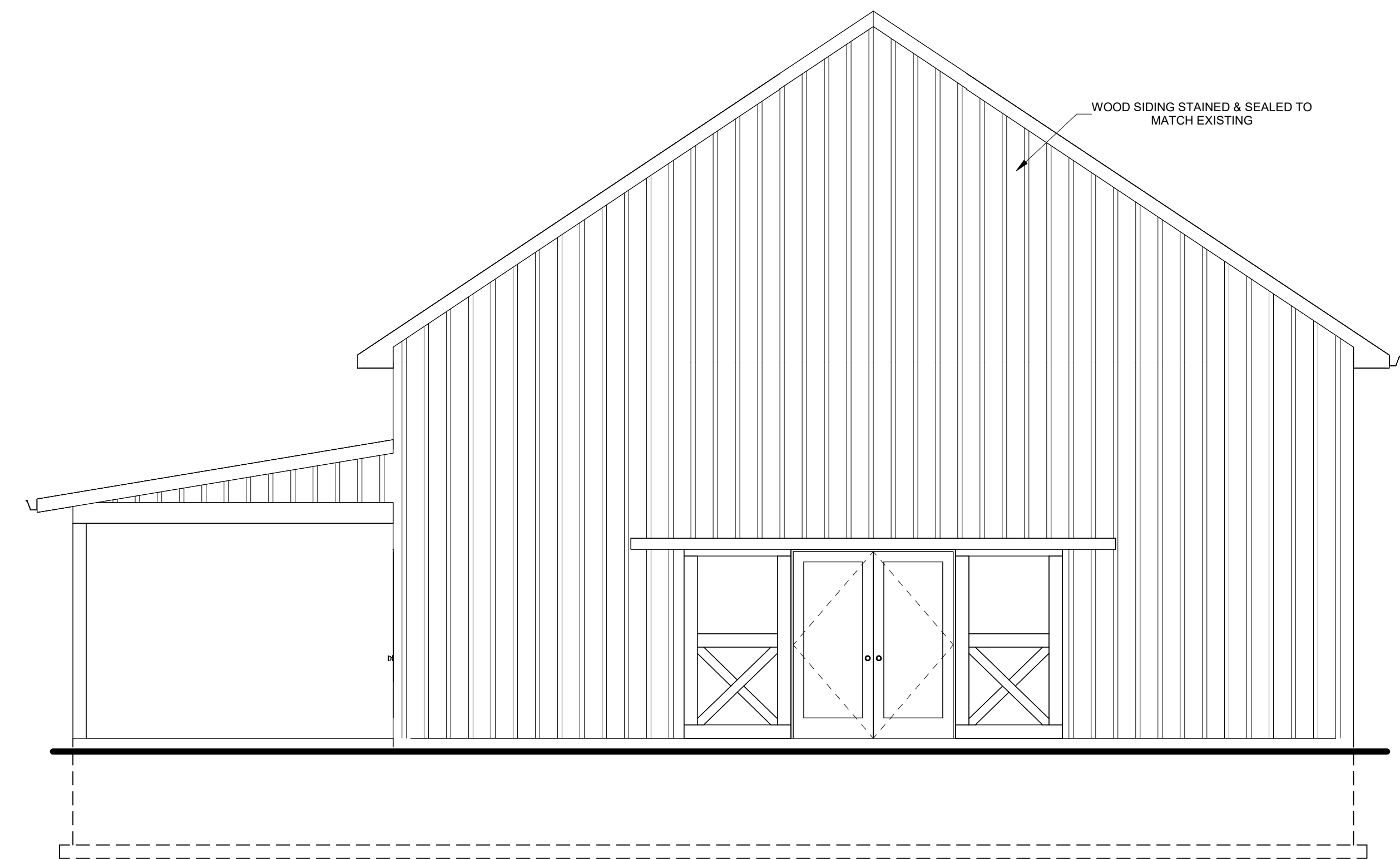
North
1/4" = 1'-0"



East
1/4" = 1'-0"



South
1/4" = 1'-0"



West
1/4" = 1'-0"

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 QUALIFICATION INFORMATION
 Registered unless design is exempt under 2.17.5.1 of the building code.
 NAME: JOSHUA VAN MUYEN
 SIGNATURE: [Signature]
 REGISTRATION INFORMATION
 Registered unless design is exempt under 2.17.4.1 of the building code.
 FIRM NAME: J. Van Muyen
 BCIN: 48528

Joshua Van Muyen
 Building Design Services

206 Vine Street
 St. Catharines ON, L2M 4S8
 email: jvmuyen@gmail.com
 phone: 905-324-1988

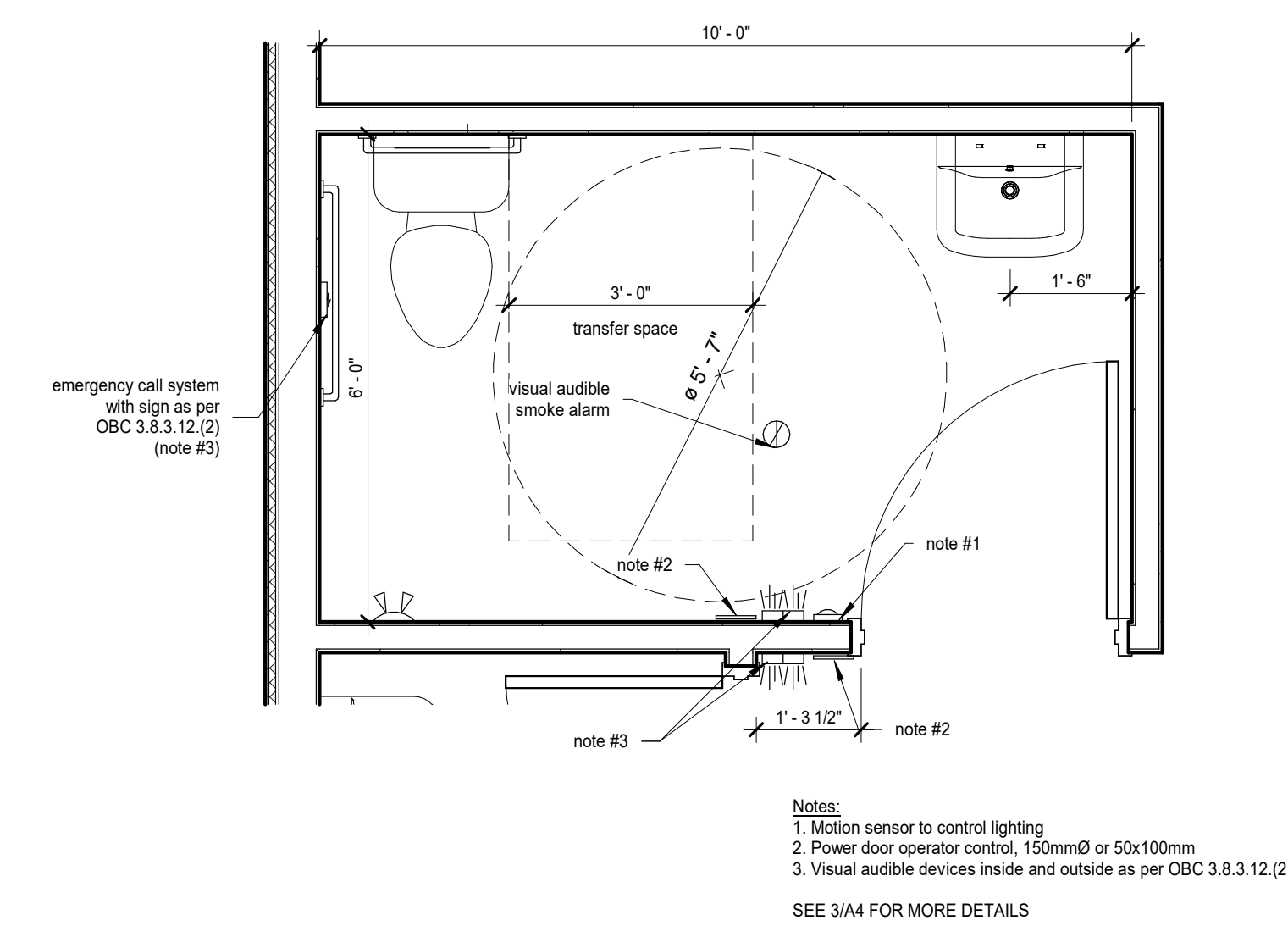
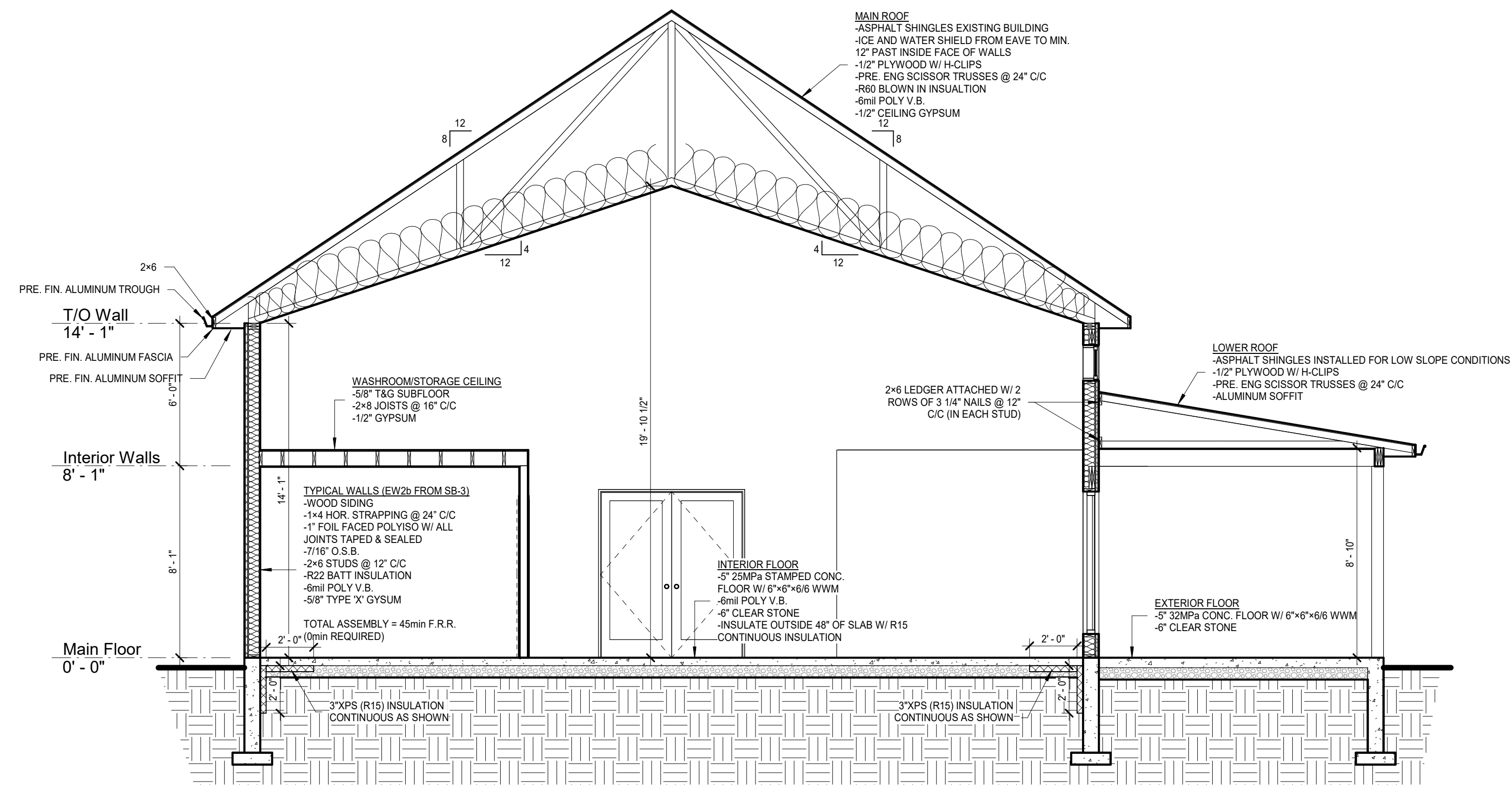
New Barn
 NEOB Lavender

933 Niagara Stone Road
 Niagara-on-the-Lake, ON

Elevations

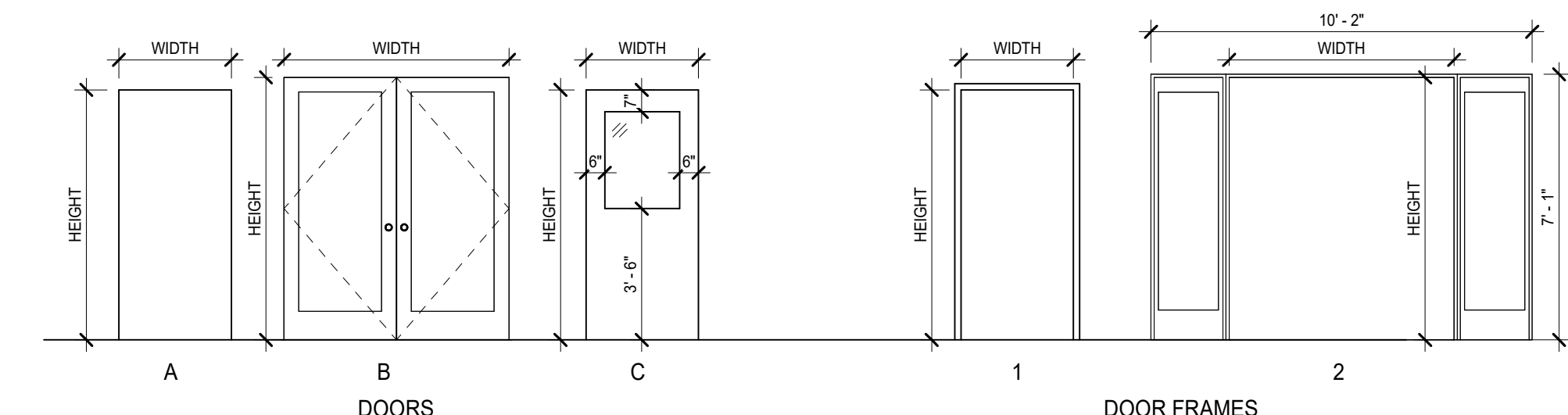
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Drawn By:	J. Van Muyen
Approved:	J. Van Muyen
Date:	January 3, 2024
Project #:	23-53
Paper Size:	24"x36"
Drawing #:	

A3

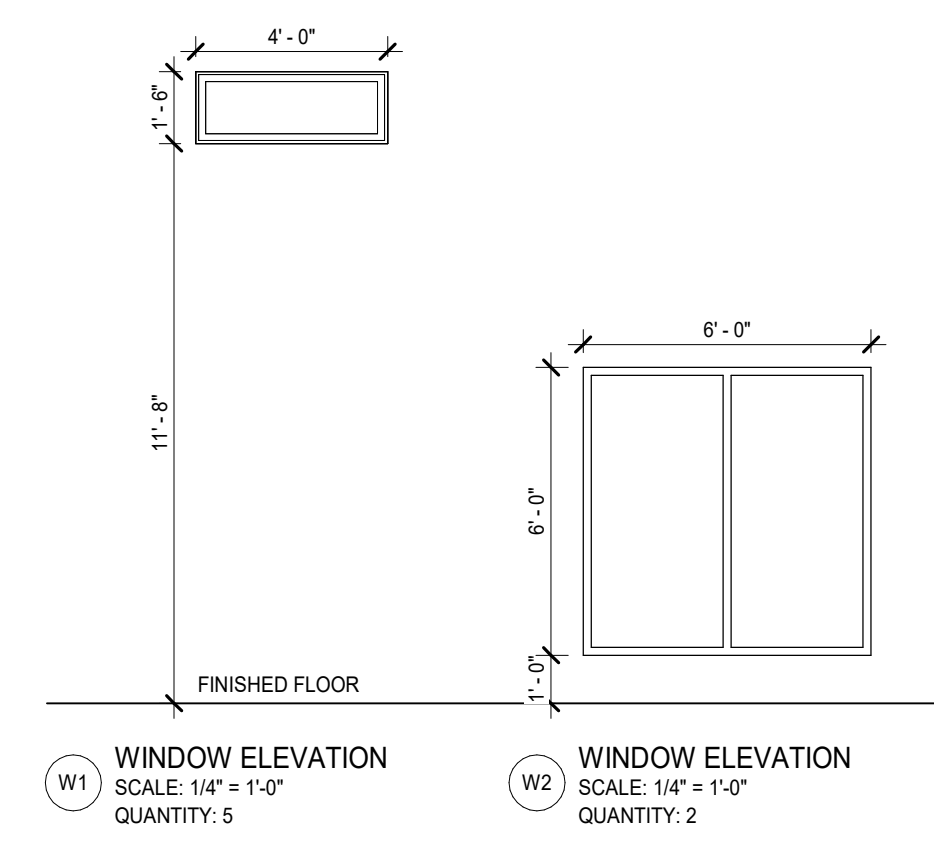


DOOR SCHEDULE										
MARK	WIDTH	HEIGHT	DOOR			FRAME			FIRE RATING	REMARKS
			ELEV.	MATERIAL	FINISH	ELEV.	MATERIAL	FINISH		
D1	6'-0"	7'-0"	B	ALUM	PRE. FIN.	GL	2	ALUM	PRE. FIN.	DBS, DC, INS, TH, TBF, WS, PO, SL, PH
D2	6'-0"	7'-0"	B	ALUM	PRE. FIN.	GL	1	ALUM	PRE. FIN.	DBS, DC, INS, TH, TBF, WS, SL, PH
D3	6'-0"	7'-0"	B	ALUM	PRE. FIN.	GL	1	ALUM	PRE. FIN.	DBS, DC, INS, TH, TBF, WS, PO, SL, PH
D4	3'-2"	6'-8"	A	SCW	PAINT		1	HM	PAINT	SL, DC
D5	3'-2"	6'-8"	C	SCW	PAINT	TEMP	1	HM	PAINT	
D6	2'-8"	6'-8"	A	SCW	PAINT		1	HM	PAINT	PL
D7	3'-2"	6'-8"	A	SCW	PAINT		1	HM	PAINT	PL, DC, PO

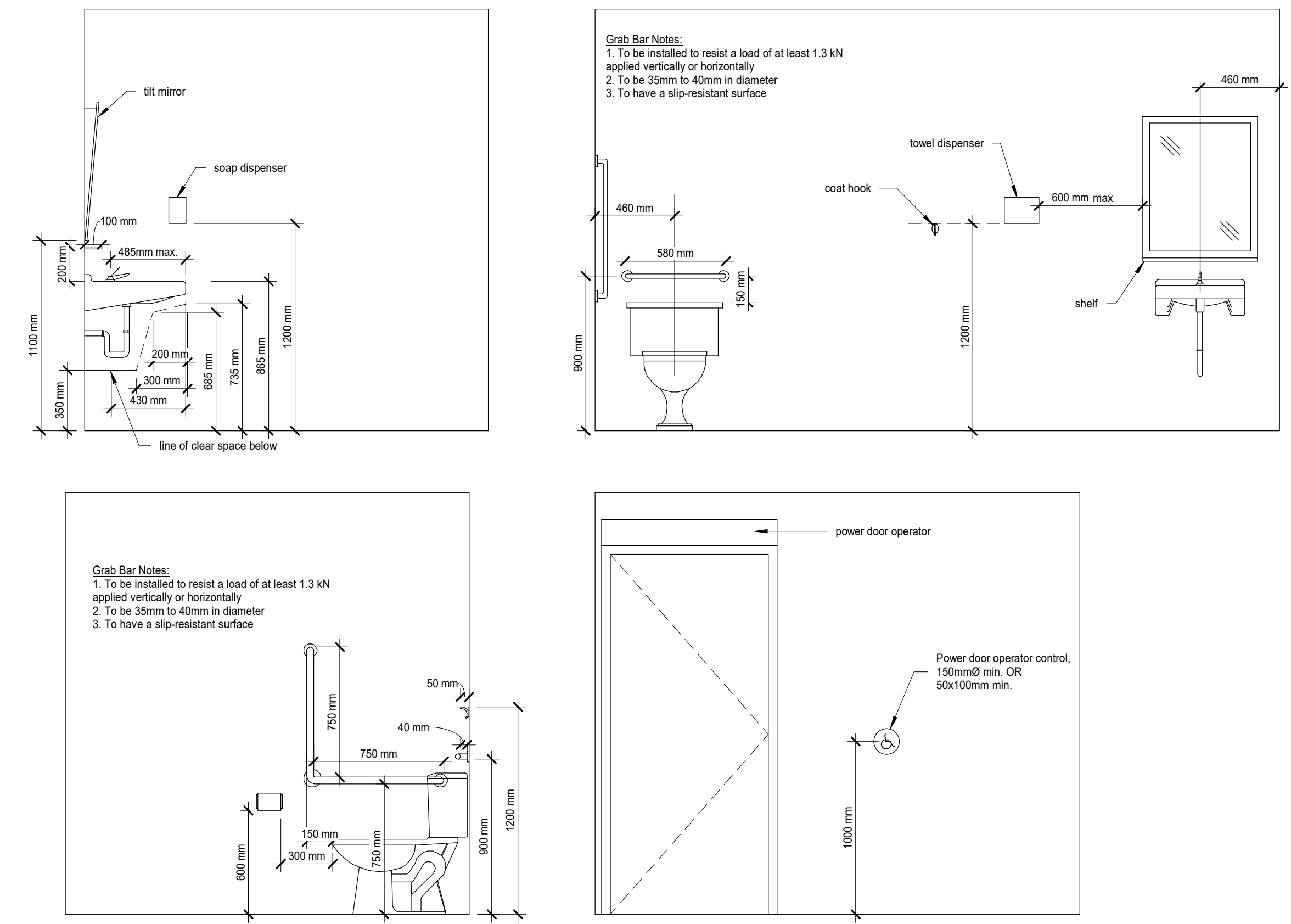
- ABBREVIATIONS**
- ALUM - ALUMINUM
 - DBS - DOOR BOTTOM SWEEP
 - DC - DOOR CLOSER
 - DW - DRYWALL
 - GL - DOUBLE GLAZED
 - FL - FIRE LITE
 - HCW - HOLLOW CORE WOOD
 - HM - HOLLOW METAL
 - INS - INSULATED
 - INS MET - INSULATED METAL
 - PRE FIN - PRE FINISHED METAL
 - PL - PRIVACY LOCK
 - PH - PANIC HARDWARE
 - PO - POWER OPERATOR
 - PT - PAINT
 - SCW - SOLID CORE WOOD
 - SL - SECURITY LOCK (LEVER LOCKSET)
 - TEMP - TEMPERED GLASS
 - TH - THRESHOLD
 - TBF - THERMALLY BROKEN FRAME
 - WD - WOOD
 - WS - WEATHERSTRIP



Door Schedule
1/4" = 1'-0"



Window Schedule
1/4" = 1'-0"



3 Universal Washroom Details
1/2" = 1'-0"

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JOSHUA VAN MUYEN
NAME: Joshua Van Muyen
SIGNATURE: [Signature]
BCN

REGISTRATION INFORMATION
Required unless design is exempt under 2.17.4.1 of the building code:
JOSHUA VAN MUYEN
FIRM NAME: [Firm Name]
BCN

Joshua Van Muyen
Building Design Services

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email: jvmuyen@gmail.com
phone: 905-324-1988

New Barn
NEOB Lavender

933 Niagara Stone Road
Niagara-on-the-Lake, ON

Schedules and Details

Scale:	As indicated
Drawn By:	J. VAN MUYEN
Approved:	J. Van Muyen
Date:	January 3, 2024
Project #:	23-53
Paper Size:	24"x36"
Drawing #:	A4