

ITEM: 6.12	COMMITTEE OF ADJUSTMENT REPORT SUMMARY MINOR VARIANCE APPLICATION FILE NUMBER A320/22 341 LAURENTIAN BLVD MAPLE
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**THIS REPORT CONTAINS COMMENTS FROM THE FOLLOWING
DEPARTMENTS & AGENCIES:**

*Please see **Schedule B** of this report for a copy of Development Planning and Agency correspondence.

Additional comments from departments and agencies may be received after the publication of the Staff Report. These comments will be processed as an addendum and posted on the City's Website.

DEPARTMENTS	Circulated	Comments Received	Conditions	Nature of Comments
Committee of Adjustment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General Comments
Building Standards (Zoning Review)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General Comments
Building Inspection (Septic)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
Development Planning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Recommend Approval/No Conditions
Development Engineering	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Recommend Approval w/Conditions
Parks, Forestry and Horticulture Operations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Recommend Approval w/Conditions
By-law & Compliance, Licensing & Permits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
Development Finance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General Comments
Real Estate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fire Department	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
AGENCIES	Circulated	Comments Received	Conditions	Nature of Comments
TRCA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
Ministry of Transportation (MTO)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Region of York	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General Comments
Alectra	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General Comments
Bell Canada	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
YRDSB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
YCDSB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CN Rail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CP Rail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TransCanada Pipeline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
Metrolinx	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Propane Operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

PUBLIC & APPLICANT CORRESPONDENCE

*Please see **Schedule C** of this report for a copy of the public & applicant correspondence listed below.

The deadline to submit public comments is **noon on the last business day prior to the scheduled hearing date.**

Comments and written public submissions received after the publication of this Staff Report will be processed as an addendum and posted on the City's Website.

All personal information collected because of this public meeting (including both written and oral submissions) is collected under the authority of the Municipal Act, the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA), the Planning Act and all other relevant legislation, and will be used to assist in deciding on this matter. All personal information (as defined by MFIPPA), including (but not limited to) names, addresses, opinions and comments collected will become property of the City of Vaughan, will be made available for public disclosure (including being posted on the internet) and will be used to assist the Committee of Adjustment and staff to process this application.

Correspondence Type	Name	Address	Date Received (mm/dd/yyyy)	Summary
Applicant			03/01/2023	Pump Brochure (addressing noise levels)
Public	Susan Sigrist & Mark Hubbard	27 Matterhorn Road	03/02/2023	Letter of Objection

PREVIOUS COA DECISIONS ON THE SUBJECT LAND

*Please see **Schedule D** for a copy of the Decisions listed below

File Number	Date of Decision MM/DD/YYYY	Decision Outcome
None		

ADJOURNMENT HISTORY

* Previous hearing dates where this application was adjourned by the Committee and public notice issued.

March 2, 2023 Hearing	Minor Variance Application A320/22 was adjourned by the Committee of Adjustment to March 16, 2023 to permit time to address public comments.
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**COMMITTEE OF ADJUSTMENT REPORT
MINOR VARIANCE APPLICATION
A320/22
341 LAURENTIAN BLVD MAPLE**

ITEM NUMBER: 6.12	CITY WARD #: 1
APPLICANT:	Sorina Benhas and Kaveh Hamzavi
AGENT:	Pool Craft
PROPERTY:	341 Laurentian Blvd Maple ON
ZONING DESIGNATION:	See Below
VAUGHAN OFFICIAL PLAN (2010) DESIGNATION:	Vaughan Official Plan 2010 ('VOP 2010'): "Low-Rise Residential" by Schedule 13, "Oak Ridges Moraine Settlement Area" by Schedule 4.
RELATED DEVELOPMENT APPLICATIONS:	None
PURPOSE OF APPLICATION:	Relief from the Zoning By-law is being requested to permit a proposed cabana.

The following variances have been requested from the City's Zoning By-law:

The subject lands are zoned R1A(EN) – Estate Residential Zone (Established Neighbourhood) and subject to the provisions of Exception 14.627 under Zoning By-law 001-2021, as amended.

#	Zoning By-law 001-2021	Variance requested
1	A minimum side yard setback of 2.4m is required to the residential accessory structure. [4.1.2.1.b]	To permit a minimum side yard setback of 0.6m to the residential accessory structure #2.

HEARING INFORMATION

DATE OF MEETING: Thursday, March 16, 2023
TIME: 6:00 p.m.
MEETING LOCATION: Vaughan City Hall, Council Chamber, 2141 Major Mackenzie Drive, Vaughan
LIVE STREAM LINK: Vaughan.ca/LiveCouncil

PUBLIC PARTICIPATION

If you would like to speak to the Committee of Adjustment at the meeting, either remotely or in person, please complete the [Request to Speak Form](#) and submit to cofa@vaughan.ca
 If you would like to submit written comments, please quote file number above and submit by mail or email to:

Email: cofa@vaughan.ca

Mail: City of Vaughan, Office of the City Clerk, Committee of Adjustment, 2141 Major Mackenzie Drive, Vaughan, ON, L6A 1T1

THE DEADLINE TO REGISTER TO SPEAK OR SUBMIT WRITTEN COMMENTS ON THE ABOVE NOTED FILE(S) IS NOON ON THE LAST BUSINESS DAY BEFORE THE MEETING.

INTRODUCTION

Staff and Agencies act as advisory bodies to the Committee of Adjustment. The comments contained in this report are presented as recommendations to the Committee.

Section 45(1) of the Planning Act sets the criteria for authorizing minor variances to the City of Vaughan's Zoning By-law. Accordingly, review of the application may consider the following:

- That the general intent and purpose of the by-law will be maintained.
- That the general intent and purpose of the official plan will be maintained.
- That the requested variance(s) is/are acceptable for the appropriate development of the subject lands.
- That the requested variance(s) is/are minor in nature.

Public written and oral submissions relating to this application are taken into consideration by the Committee of Adjustment as part of its deliberations and final decision on this matter.

COMMITTEE OF ADJUSTMENT COMMENTS

Date Public Notice Mailed:	March 2, 2023
Date Applicant Confirmed Posting of Sign:	March 2, 2023
Applicant Justification for Variances: <small>*As provided by Applicant in Application Form</small>	The available space and the backyard vision of the clients can only be achieved as the structures are currently designed
Adjournment Requests (from staff): <small>*Adjournment requests provided to applicant prior to issuance of public notice</small>	None
Was a Zoning Review Waiver (ZRW) Form submitted by Applicant: <small>*ZRW Form may be used by applicant in instances where a revised submission is made, and zoning staff do not have an opportunity to review and confirm variances prior to the issuance of public notice. *A revised submission may be required to address staff / agency comments received as part of the application review process. *Where a zoning review has not been completed on a revised submission, an opportunity is provided to the applicant to adjourn the proposal prior to the issuance of public notice.</small>	No
Adjournment Fees: In accordance with Procedural By-law 069-2019, an Adjournment Fee is applicable to reschedule an application after the issuance of public notice where a request for adjournment has been provided to the applicant prior to the issuance of public notice. An Adjournment Fee can only be waived in instances where adjournment of an application is requested by the Committee or staff after the issuance of public notice.	
Committee of Adjustment Comments:	None
Committee of Adjustment Recommended Conditions of Approval:	None

BUILDING STANDARDS (ZONING) COMMENTS

**See Schedule B for Building Standards (Zoning) Comments	
Building Standards Recommended Conditions of Approval:	None

DEVELOPMENT PLANNING COMMENTS

**See Schedule B for Development Planning Comments.	
Development Planning Recommended Conditions of Approval:	None

DEVELOPMENT ENGINEERING COMMENTS

Link to Grading Permit Link to Pool Permit Link to Curb Curt Permit Link Culvert Installation	
<p>As the proposed cabana in the subject property is 31.3 m² and existing shed is 11.5 m², the Owner / Applicant needs to obtain a Lot Grading Permit from Development Inspection and Lot Grading Division of the City's Development Engineering Department. Please note any in-ground structure over 10 m² requires a Grading Permit. Please contact the Development Engineering Reviewer after receiving the Grading Permit to clear the condition. (Condition attached)</p> <p>The Development Engineering Department does not object to the Minor Variance application A320/22, subject to the following condition(s):</p>	
Development Engineering Recommended Conditions of Approval:	<p>The Owner / Applicant shall submit the final Lot Grading and/or Servicing Plan to the Development Inspection and Lot Grading Division of the City's Development Engineering Department for final Lot Grading and/or Servicing Permit prior to any work being undertaken on the property. Please visit the Grading Permit page at City of Vaughan website to learn how to apply for the Grading Permit. If you have any questions about Grading Permit, please contact the Development Engineering Department by email at DEPermits@vaughan.ca.</p>

PARKS, FORESTRY & HORTICULTURE (PFH) COMMENTS

Forestry: Comments with condition

PARKS, FORESTRY & HORTICULTURE (PFH) COMMENTS

PFH Recommended Conditions of Approval:	Applicant is to acquire a Tree Protection Permit from the Forestry division.
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DEVELOPMENT FINANCE COMMENTS

No comment no concerns

Development Finance Recommended Conditions of Approval:	None
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BY-LAW AND COMPLIANCE, LICENSING AND PERMIT SERVICES COMMENTS

No comments received to date

BCLPS Recommended Conditions of Approval:	None
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BUILDING INSPECTION (SEPTIC) COMMENTS

No comments received to date

Building Inspection Recommended Conditions of Approval:	None
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FIRE DEPARTMENT COMMENTS

No comments received to date

Fire Department Recommended Conditions of Approval:	None
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SCHEDULES TO STAFF REPORT

*See Schedule for list of correspondence

Schedule A	Drawings & Plans Submitted with the Application
Schedule B	Staff & Agency Comments
Schedule C (if required)	Correspondence (Received from Public & Applicant)
Schedule D (if required)	Previous COA Decisions on the Subject Land

Should the Committee find it appropriate to approve this application in accordance with request and the sketch submitted with the application, as required by Ontario Regulation 200/96, the following conditions have been recommended:

SUMMARY OF RECOMMENDED CONDITIONS OF APPROVAL

All conditions of approval, unless otherwise stated, are considered to be incorporated into the approval “if required”. If a condition is no longer required after an approval is final and binding, the condition may be waived by the respective department or agency requesting conditional approval. A condition cannot be waived without written consent from the respective department or agency.

#	DEPARTMENT / AGENCY	CONDITION(S) DESCRIPTION
1	Development Engineering Rex.bondad@vaughan.ca	The Owner / Applicant shall submit the final Lot Grading and/or Servicing Plan to the Development Inspection and Lot Grading Division of the City’s Development Engineering Department for final Lot Grading and/or Servicing Permit prior to any work being undertaken on the property. Please visit the Grading Permit page at City of Vaughan website to learn how to apply for the Grading Permit. If you have any questions about Grading Permit, please contact the Development Engineering Department by email at DEPermits@vaughan.ca .
2	Parks, Forestry and Horticulture Operations andrew.swedlo@vaughan.ca	Applicant is to acquire a Tree Protection Permit from the Forestry division.

IMPORTANT INFORMATION – PLEASE READ

CONDITIONS: It is the responsibility of the owner/applicant and/or authorized agent to obtain and provide a clearance letter from respective department and/or agency (**see condition chart above for contact**). This letter must be provided to the Secretary-Treasurer to be finalized. All conditions must be cleared prior to the issuance of a Building Permit.

IMPORTANT INFORMATION – PLEASE READ

APPROVALS: Making any changes to your proposal after a decision has been made may impact the validity of the Committee's decision.

An approval obtained from the Committee of Adjustment, where applicable, is tied to the building envelope shown on the plans and drawings submitted with the application and subject to the variance approval.

A building envelope is defined by the setbacks of the buildings and/or structures shown on the plans and drawings submitted with the application, as required by Ontario Regulation 200/96. Future development outside of an approved building envelope, where a minor variance was obtained, must comply with the provisions of the City's Zoning By-law.

Elevation drawings are provided to reflect the style of roof (i.e. flat, mansard, gable etc.) to which a building height variance has been applied. Where a height variance is approved, building height is applied to the style of roof (as defined in the City's Zoning By-law) shown on the elevation plans submitted with the application.

Architectural design features that are not regulated by the City's Zoning By-law are not to be considered part of an approval unless specified in the Committee's decision.

DEVELOPMENT CHARGES: That the payment of the Regional Development Charge, if required, is payable to the City of Vaughan before issuance of a building permit in accordance with the Development Charges Act and the Regional Development Charges By-law in effect at the time of payment.

That the payment of the City Development Charge, if required, is payable to the City of Vaughan before issuance of a building permit in accordance with the Development Charges Act and the City's Development Charges By-law in effect at the time of payment.

That the payment of the Education Development Charge if required, is payable to the City of Vaughan before issuance of a building permit in accordance with the Development Charges Act and the Boards of Education By-laws in effect at the time of payment

That the payment of Special Area Development charge, if required, is payable to the City of Vaughan before issuance of a building permit in accordance with the Development Charges Act and The City's Development Charge By-law in effect at the time of Building permit issuance to the satisfaction of the Reserves/Capital Department.

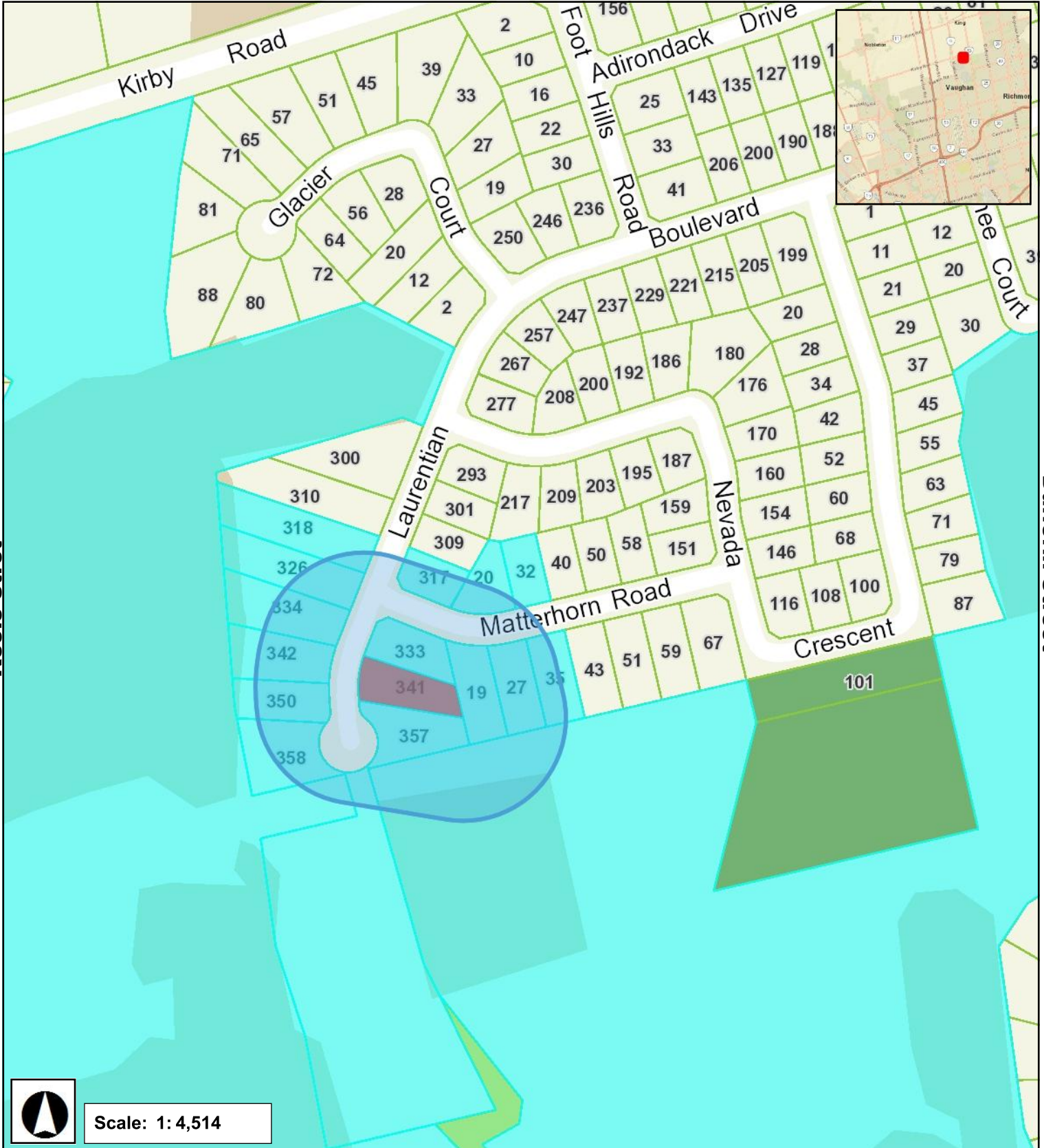
NOTICE OF DECISION: If you wish to be notified of the decision in respect to this application or a related Ontario Land Tribunal (OLT) hearing you must complete a Request for Decision form and submit to the Secretary Treasurer (ask staff for details). In the absence of a written request to be notified of the Committee's decision you will **not** receive notice.

SCHEDULE A: DRAWINGS & PLANS



LOCATION MAP - A320/22

341 LAURENTIAN BLVD. MAPLE

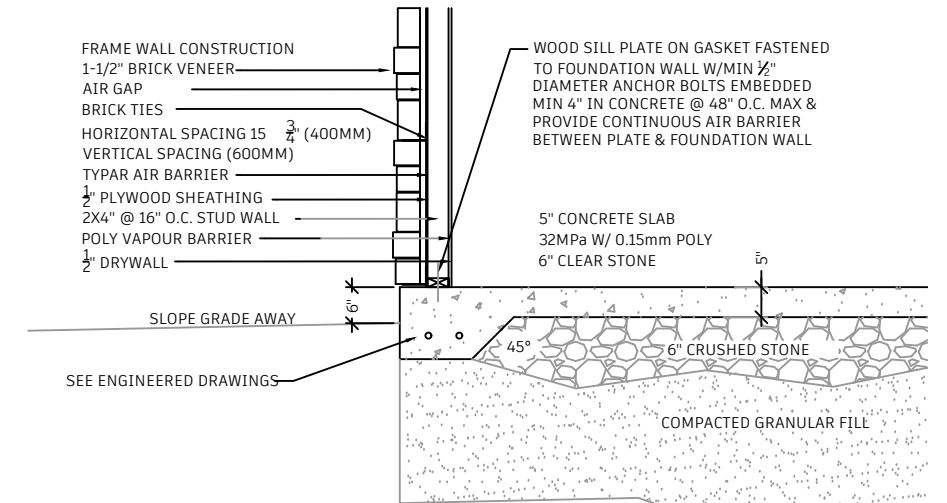
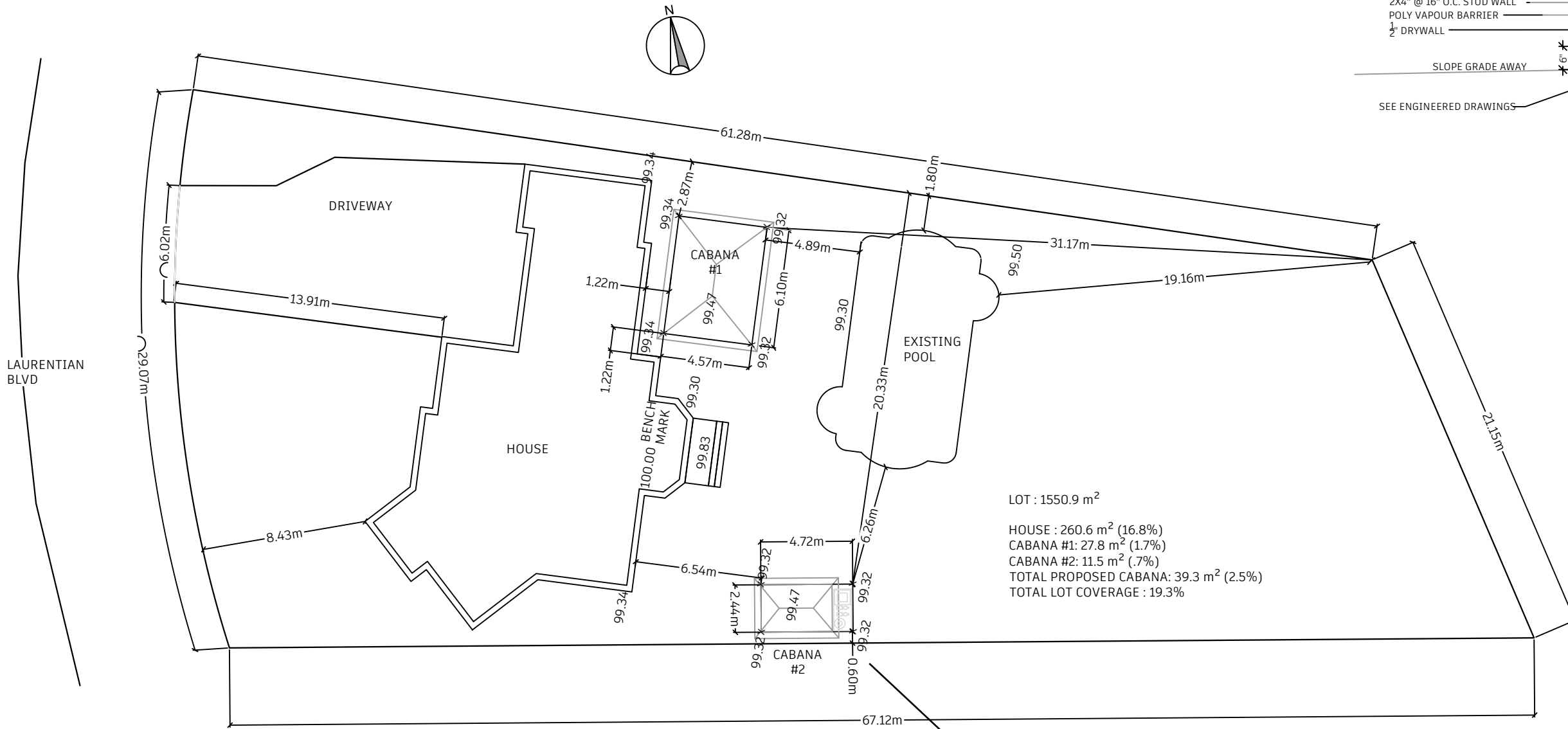


Teston Road

January 30, 2023 8:47 AM

SITE PLAN
Scale: 1:250

FRAME WALL DETAIL
Scale: 3/16" = 1'



0.60m #1

GENERAL NOTES:

SNOW LOAD CALCULATIONS
 VAUGHAN Cb 0.55 * Ss 1.1 + Sr 0.4 = Snow 1.005
 (CWC THE SPAN BOOK 1.5kPa OR 31.3psf)

ALL FRAMING TO BE SPF No. 1 & 2 OR GREATER UNLESS NOTED OTHERWISE

ALL CONSTRUCTION TO CONFORM TO THE CONSTRUCTION REQUIREMENTS OF THE ONTARIO BUILDING CODE REGULATION (332-12), PART 9. DRAWINGS MUST NOT BE SCALED.

HANDWRITTEN NOTES ON THE DRAWINGS HAVE PRECEDENCE. MANUFACTURED ITEMS, MATERIALS AND CONSTRUCTION MUST COMPLY WITH ALL REQUIREMENTS OF THE MORTGAGE AND HOUSING CORPORATION (C.M.H.C.). ALL REFERENCES TO AND FINISHED GRADE LINES AS INDICATED ON THE ARCHITECTURAL WORKING DRAWINGS ARE FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT FINISHED GRADING CONDITIONS OF ANY PARTICULAR LOT.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR BUILDER TO CHECK AND VERIFY ALL DIMENSIONS AND CHECK ALL JOB CONDITIONS ON THE JOB SITE BEFORE PROCEEDING WITH THE WORK.

DESIGNER IS TO BE NOTIFIED PROMPTLY OF ANY DISCREPANCIES AT LEAST ONE WEEK BEFORE ORDERING OR PLACEMENT OF MATERIALS AND UNITS FOR CONSTRUCTION REGARDING SUCH DISCREPANCIES. FAILURE TO OBSERVE THESE CONDITIONS WHICH MAY REQUIRE EXPENSIVE REMEDIAL ACTION SHALL NOT BECOME THE RESPONSIBILITY OF OR COST TO DESIGNER.

DIMENSIONS ARE TAKEN TO ROUGH STUD OR MASONRY SURFACES, GIVEN AS NOMINAL DIMENSIONS. EXTERIOR WALL DIMENSIONS DO NOT ALLOW FOR BRICK PROJECTION THEY ARE TAKEN FROM OUTSIDE FACE OF FOUNDATION WALL TO INSIDE FACE OF STUD.

THE INFORMATION HEREIN IS THE PROPERTY OF 209 DESIGN AND FOR THE EXCLUSIVE USE OF THE CONTRACTED PARTY FOR THIS PROJECT ONLY AND SHALL NOT BE USED FOR OTHER PROJECTS, PUBLISHED, COPIED OR COMMUNICATED TO A THIRD PARTY WITHOUT WRITTEN CONSENT OF 209 DESIGN

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to design the work shown on the attached documents.

Qualification Information
 Required unless design is exempt under Div. C - 3.2.5.1 of the building code

DANA EVANS 100332
 Name Signature BCIN

Registration Information
 Required unless design is exempt under Div. C - 3.2.4.1 of the building code

209 DESIGN 101521
 Firm Name BCIN

DESIGNER



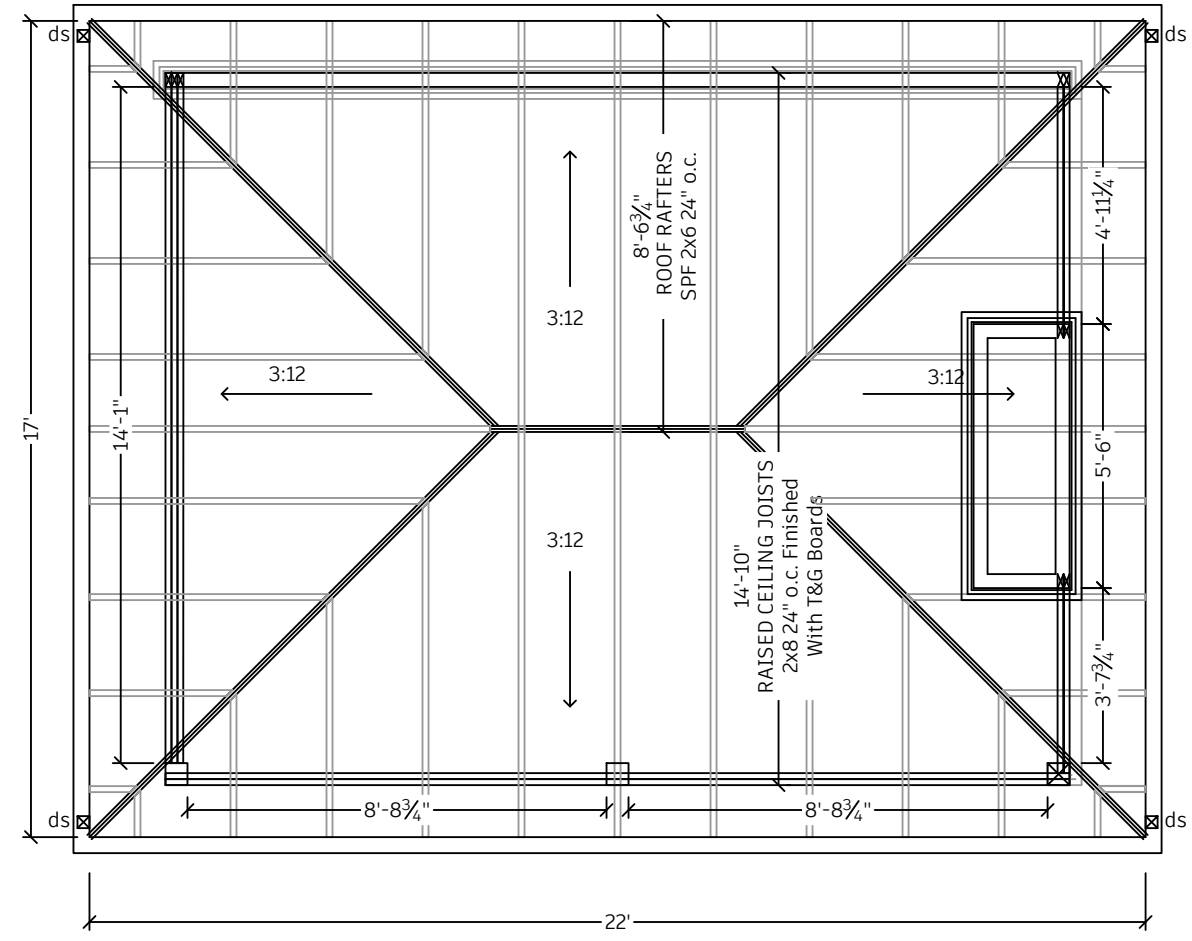
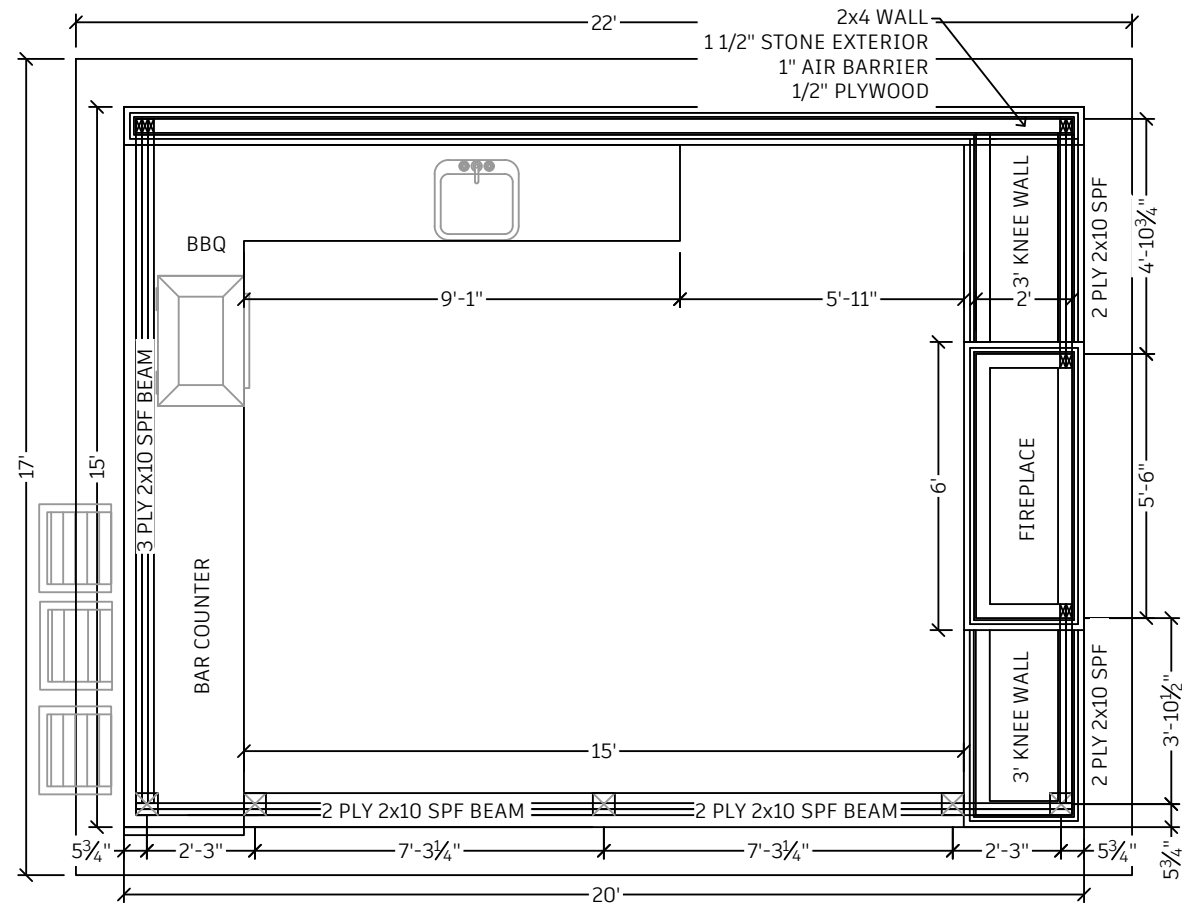
209 DESIGN
 Dana Evans
 15905 Sideroad 17
 Sunderland
 Ontario
 647-297-8300

PROJECT

PROPOSED CABANA
 341 Laurentian Blvd
 Vaughan, ON

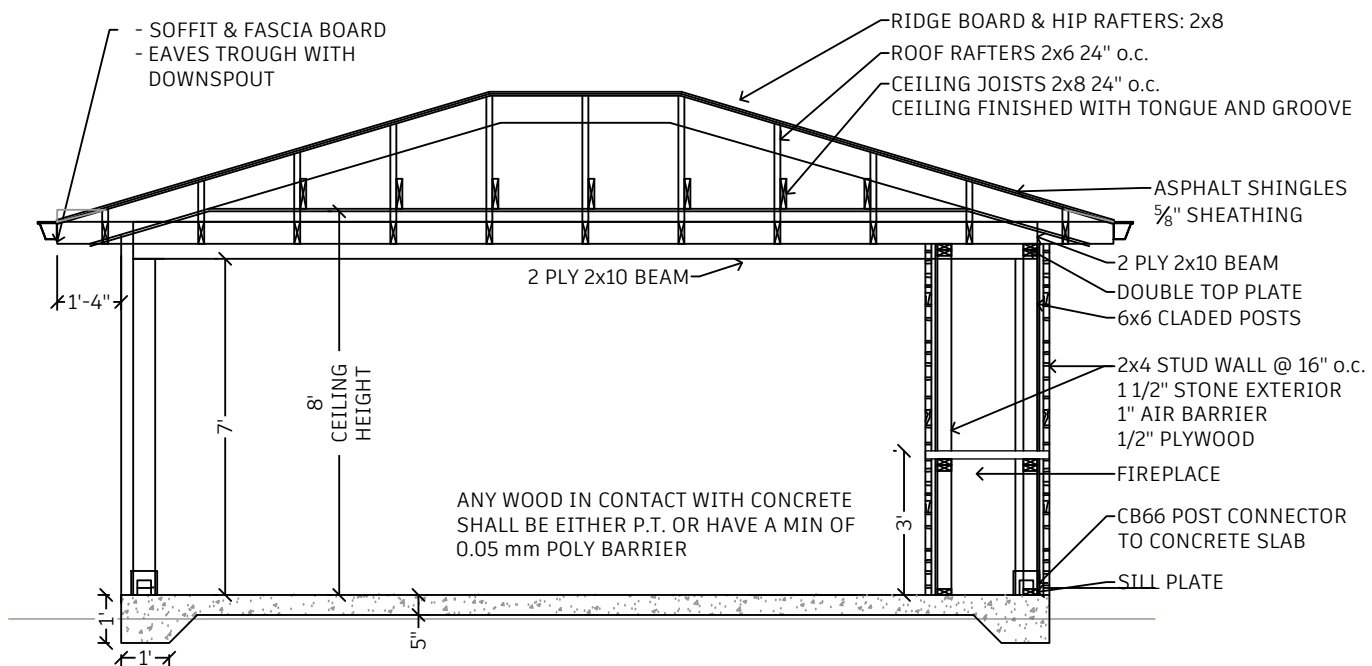
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6	REVISION MINOR VARIANCE APPLIC'N	JAN 2023		SCALE				
5	REVISION MINOR VARIANCE APPLIC'N	DEC 2022			AS NOTED			
4	MINOR VARIANCE APPLIC'N	NOV 2022			DRAWING			
3	REVISED FOR PERMIT APPLIC'N	OCT 2022						
2	REVISED FOR PERMIT APPLIC'N	OCT 2022						
1	ISSUED FOR PERMIT APPLIC'N	AUG 2022						
			22-067					1/5

FLOOR AND ROOF PLAN
Scale: 1/4" = 1'




RIDGE BOARD & HIP RAFTERS: 2x8
 ROOF RAFTERS: 2x6 @ 24" o.c.
 CEILING JOISTS: 2x8 @ 24"
 FINISHED WITH TONGUE AND GROOVE
 ds: DOWN SPOUT

SECTION
Scale: 1/4" = 1'



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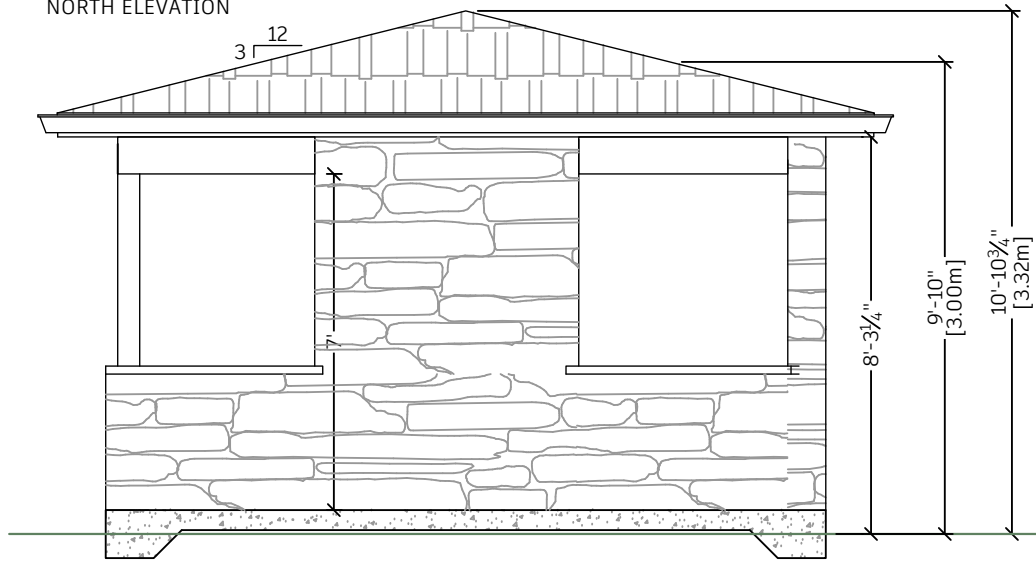
209 DESIGN 101521

Firm Name BCIN

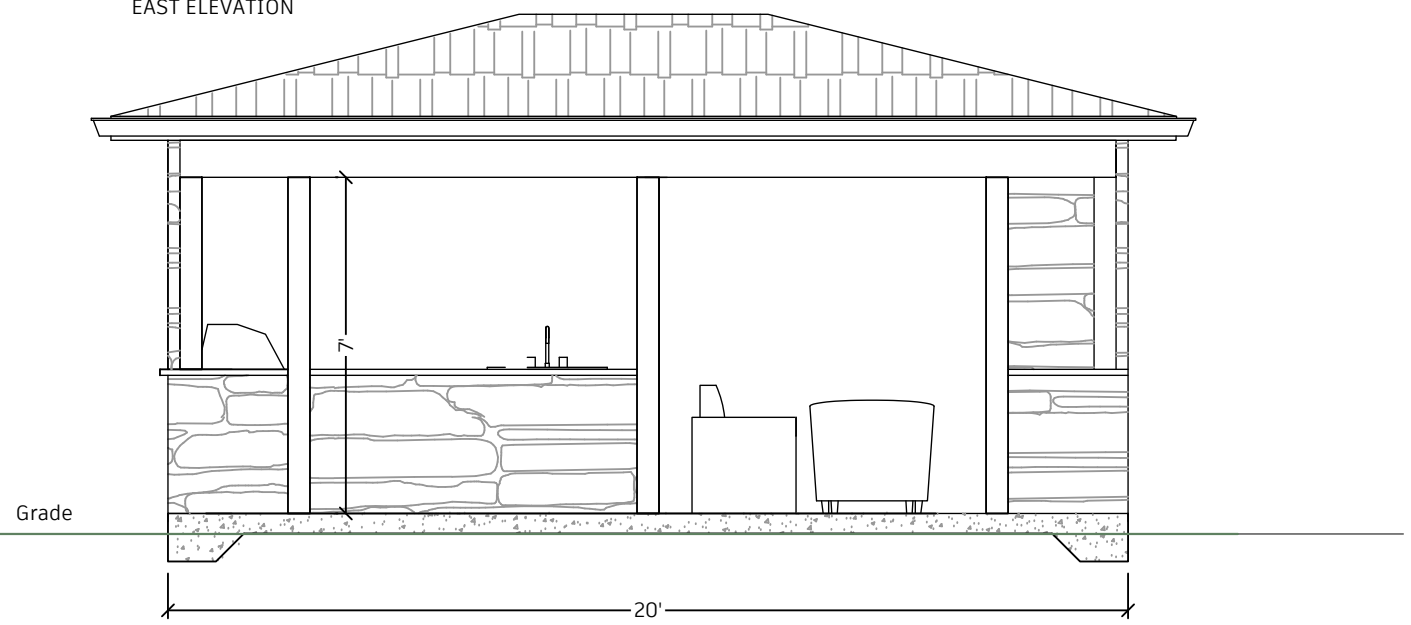
DESIGNER		PROJECT	
 209 DESIGN Dana Evans 15905 Sideroad 17 Sunderland Ontario 647-297-8300		PROPOSED CABANA 341 Laurentian Blvd Vaughan, ON	
Name		DATE	JAN 10, 2023
Signature		SCALE	AS NOTED
BCIN		DRAWING	CABANA #1 PLANS AND SECTION
6 REVISION MINOR VARIANCE APPLIC'N 5 REVISION MINOR VARIANCE APPLIC'N 4 MINOR VARIANCE APPLIC'N 3 REVISED FOR PERMIT APPLIC'N 2 REVISED FOR PERMIT APPLIC'N 1 ISSUED FOR PERMIT APPLIC'N		JAN 2023 DEC 2022 NOV 2022 OCT 2022 OCT 2022 AUG 2022	DWG. No PAGE
No.	DESCRIPTION	DATE	22-067 2/5

ELEVATIONS
Scale: 1/4" = 1'

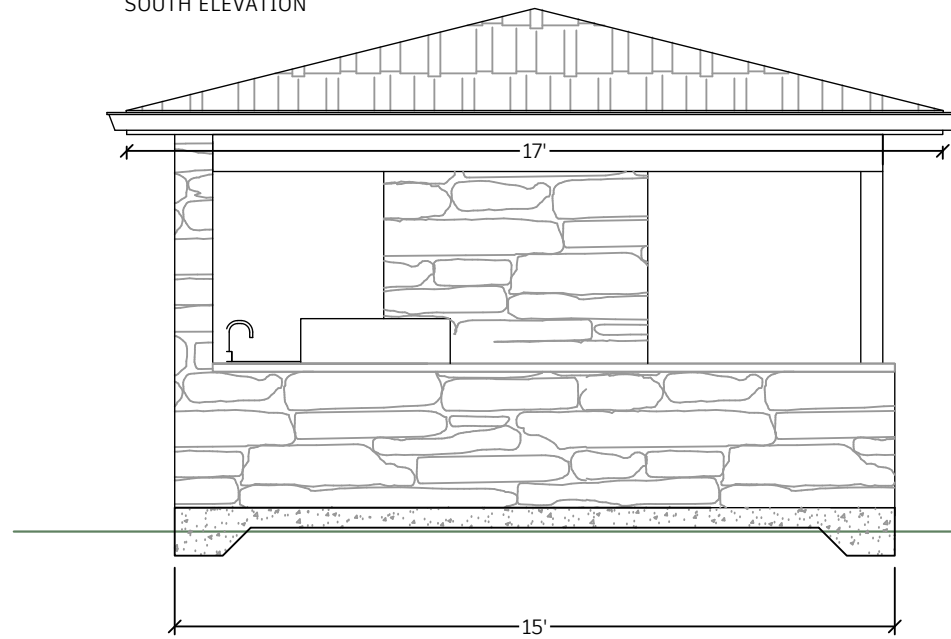
NORTH ELEVATION



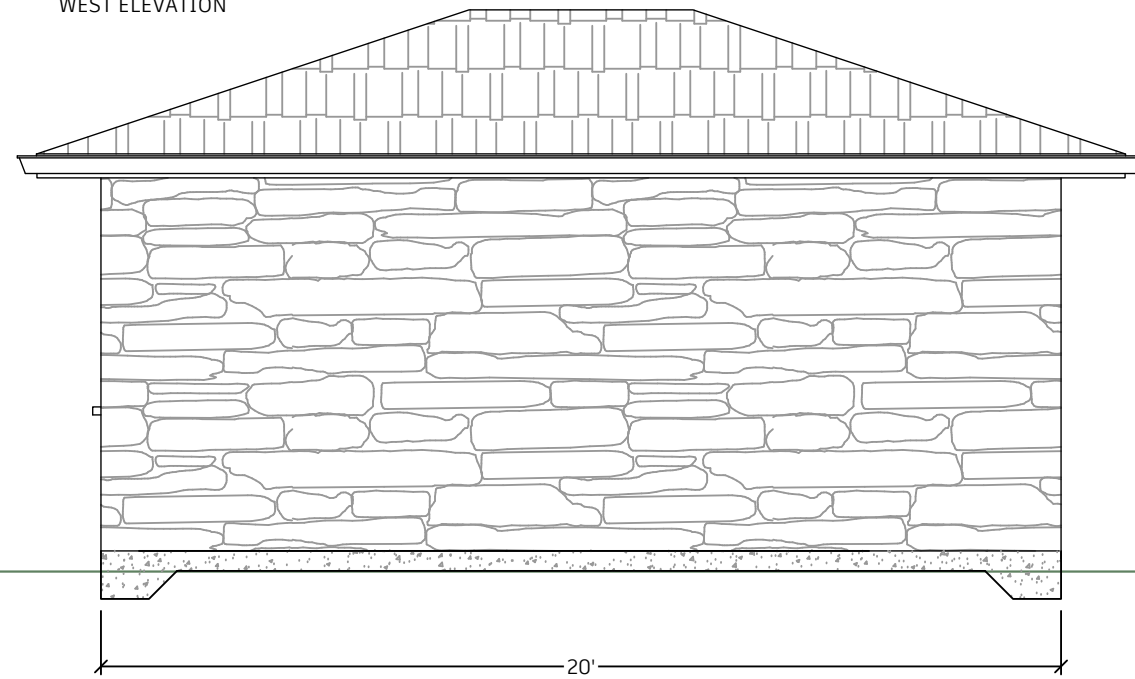
EAST ELEVATION



SOUTH ELEVATION




WEST ELEVATION



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209 DESIGN 101521
Firm Name BCIN

DESIGNER



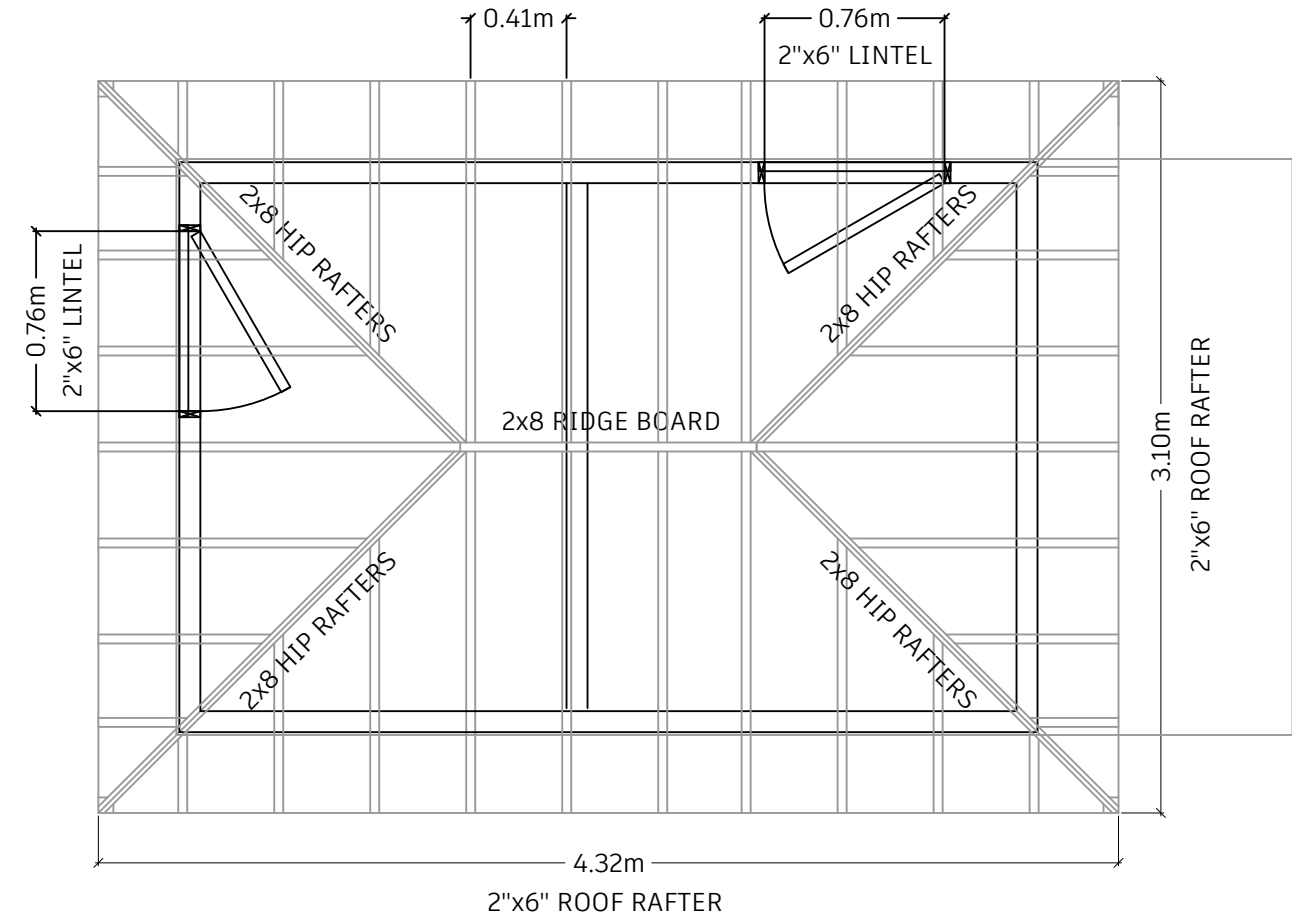
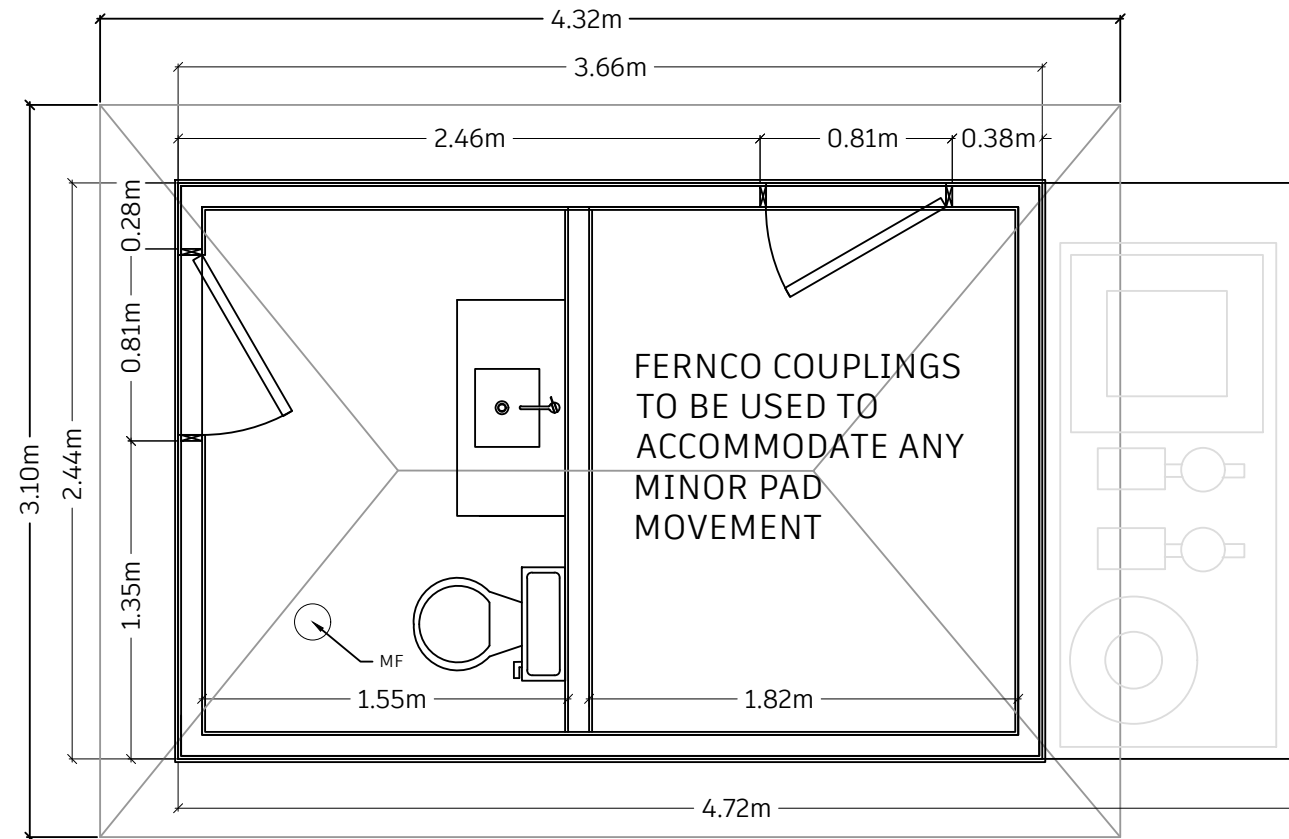
209 DESIGN
Dana Evans
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PROJECT

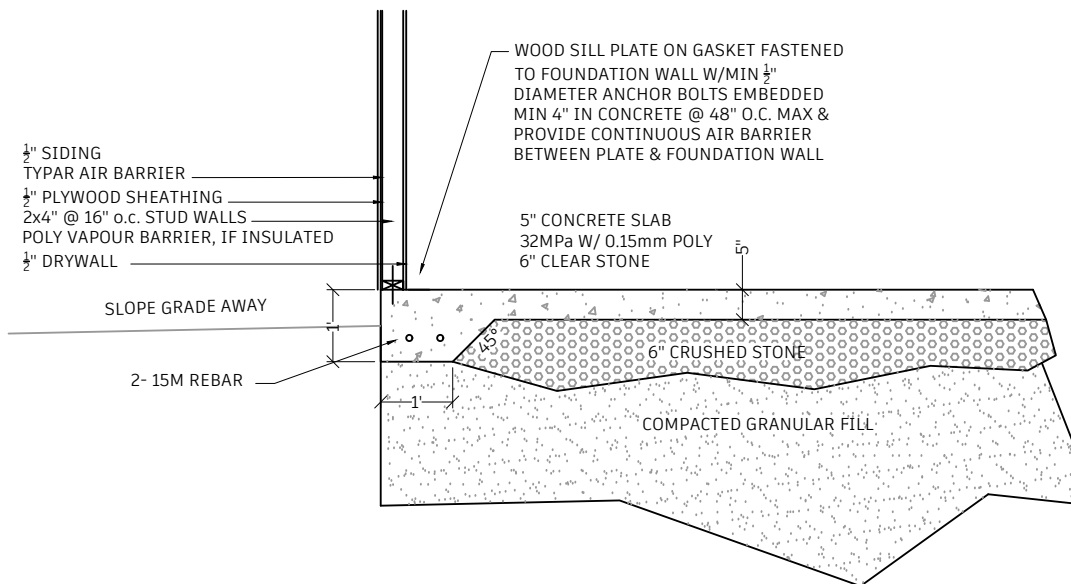
PROPOSED CABANA
341 Laurentian Blvd
Vaughan, ON

No.	DESCRIPTION	DATE	DATE	SCALE	DRAWING	DWG. No	PAGE
			JAN 10, 2023	AS NOTED	CABANA #1 ELEVATIONS	22-067	3/5
6	REVISION MINOR VARIANCE APPLIC'N	JAN 2023					
5	REVISION MINOR VARIANCE APPLIC'N	DEC 2022					
4	MINOR VARIANCE APPLIC'N	NOV 2022					
3	REVISED FOR PERMIT APPLIC'N	OCT 2022					
2	REVISED FOR PERMIT APPLIC'N	OCT 2022					
1	ISSUED FOR PERMIT APPLIC'N	AUG 2022					

PLANS
Scale: 3/8" = 1'



FRAME WALL DETAIL
Scale: 3/8" = 1'



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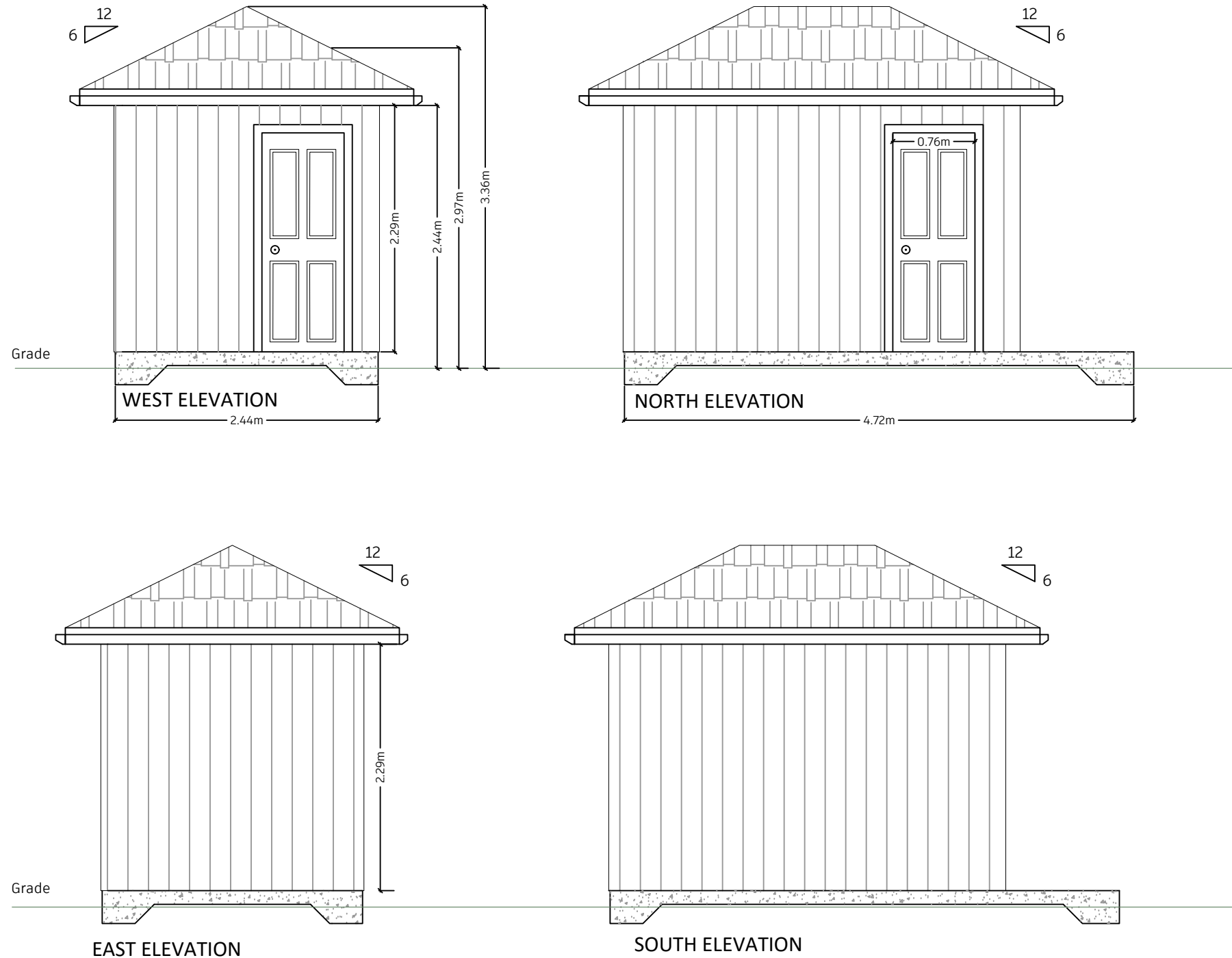
209 DESIGN
Dana Evans
15905 Sideroad 17
Sunderland ON
647-297-8300

PROJECT

PROPOSED CABANA
341 Laurentian Blvd
Vaughan, ON

No.	DESCRIPTION	DATE	SCALE	DWG. No	PAGE
				22-067	4/5
6	REVISION MINOR VARIANCE APPLIC'N	JAN 2023	AS NOTED		
5	REVISION MINOR VARIANCE APPLIC'N	DEC 2022			
4	MINOR VARIANCE APPLIC'N	NOV 2022			
3	REVISED FOR PERMIT APPLIC'N	OCT 2022			
2	REVISED FOR PERMIT APPLIC'N	OCT 2022			
1	ISSUED FOR PERMIT APPLIC'N	AUG 2022			

ELEVATIONS
Scale: 1/4" = 1'



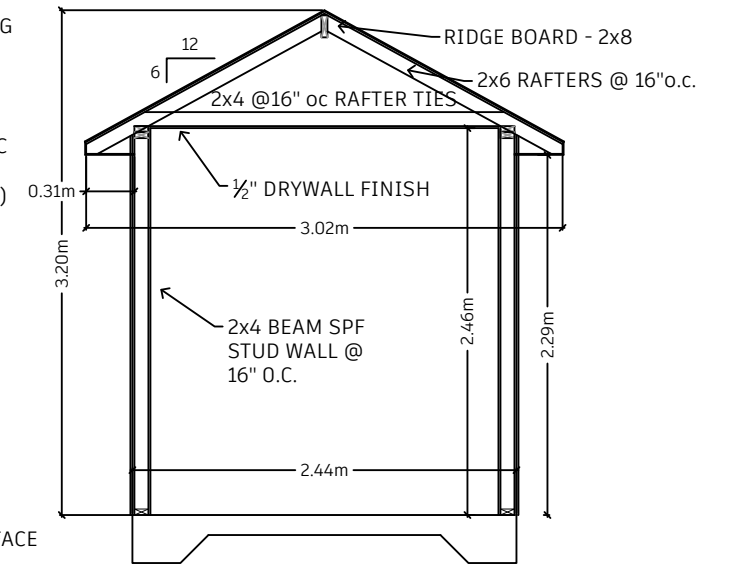
SECTION
Scale: 1/4" = 1'

- ASPHALT SHINGLES
- 1/2" EXTERIOR SHEATHING
- 1- ROOF VENTS

- 2x6 RAFTERS @16"OC
- 2x8 RIDGE BOARD
- 2x4 RAFTER TIES @16"OC
- AIR GAP
- INSULATION (OPTIONAL)
- VAPOUR BARRIER (OPTIONAL)
- 1/2" DRYWALL

- 1/2" SIDING
- 1/2" SHEATHING
- 2x4" STUDS @ 16" O.C.
- 2- 2x4" TOP PLATE
- 2x4" BOTTOM SILL
- 1/2" DRYWALL INTERIOR FINISH

- GRADE - MIN. SLOPE 2% AWAY FROM BUILDING FACE




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DESIGNER		PROJECT	
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		DATE	JAN 10, 2023
6	REVISION MINOR VARIANCE APPLIC'N	JAN 2023	SCALE AS NOTED
5	REVISION MINOR VARIANCE APPLIC'N	DEC 2022	
4	MINOR VARIANCE APPLIC'N	NOV 2022	DRAWING CABANA #2
3	REVISED FOR PERMIT APPLIC'N	OCT 2022	ELEVATIONS AND SECTION
2	REVISED FOR PERMIT APPLIC'N	OCT 2022	
1	ISSUED FOR PERMIT APPLIC'N	AUG 2022	DWG. No 22-067
No.	DESCRIPTION	DATE	PAGE 5/5

SCHEDULE B: STAFF & AGENCY COMMENTS				
DEPT/AGENCY	Circulated	Comments Received	Conditions	Nature of Comments
TRCA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
Ministry of Transportation (MTO)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Region of York	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General Comments
Alectra	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General Comments
Bell Canada	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
YRDSB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
YCDSB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CN Rail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CP Rail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TransCanada Pipeline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Comments Received to Date
Metrolinx	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Propane Operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Development Planning	X	X		Recommend Approval/no conditions
Building Standards (Zoning)	X	X		General Comments

Date: January 25th 2023

Attention: **Christine Vigneault**

RE: Request for Comments

File No.: **A320-22**

Related Files:

Applicant Sorina Benhas & Kaveh Hamzavi

Location 341 Laurentian Blvd



Discover the possibilities

COMMENTS:

- We have reviewed the proposed Variance Application and have no comments or objections to its approval.
- We have reviewed the proposed Variance Application and have no objections to its approval, subject to the following comments (attached below).
- We have reviewed the proposed Variance Application and have the following concerns (attached below).

Alectra Utilities (formerly PowerStream) has received and reviewed the proposed Variance Application. This review, however, does not imply any approval of the project or plan.

All proposed billboards, signs, and other structures associated with the project or plan must maintain minimum clearances to the existing overhead or underground electrical distribution system as specified by the applicable standards, codes and acts referenced.

In the event that construction commences, and the clearance between any component of the work/structure and the adjacent existing overhead and underground electrical distribution system violates the Occupational Health and Safety Act, the customer will be responsible for 100% of the costs associated with Alectra making the work area safe. All construction work will be required to stop until the safe limits of approach can be established.

In the event construction is completed, and the clearance between the constructed structure and the adjacent existing overhead and underground electrical distribution system violates the any of applicable standards, acts or codes referenced, the customer will be responsible for 100% of Alectra's cost for any relocation work.

References:

- Ontario Electrical Safety Code, latest edition (Clearance of Conductors from Buildings)
- Ontario Health and Safety Act, latest edition (Construction Protection)
- Ontario Building Code, latest edition (Clearance to Buildings)
- PowerStream (Construction Standard 03-1, 03-4), attached
- Canadian Standards Association, latest edition (Basic Clearances)

If more information is required, please contact either of the following:

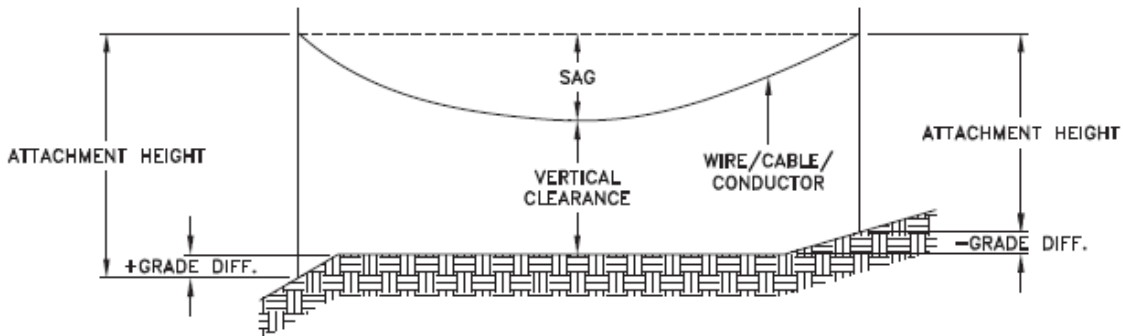
Mr. Stephen Cranley, C.E.T
Supervisor, Distribution Design, ICI & Layouts (North)
Phone: 1-877-963-6900 ext. 31297

E-mail: stephen.cranley@alectrautilities.com

Mitchell Penner
Supervisor, Distribution Design-Subdivisions
Phone: 416-302-6215

Email: Mitchell.Penner@alectrautilities.com

LOCATION OF WIRES, CABLES OR CONDUCTORS	SYSTEM VOLTAGE			
	SPAN GUYS AND COMMUNICATIONS WIRES	UP TO 600V AND NEUTRAL	4.16/2.4kV TO 27.6/16kV (SEE NOTE 1)	44kV
MINIMUM VERTICAL CLEARANCES (SEE NOTE 2)				
OVER OR ALONGSIDE ROADS, DRIVEWAYS OR LANDS ACCESSIBLE TO <u>VEHICLES</u>	442cm	442cm	480cm	520cm
OVER GROUND ACCESSIBLE TO <u>PEDESTRIANS AND BICYCLES ONLY</u>	250cm	310cm	340cm	370cm
ABOVE TOP OF RAIL AT <u>RAILWAY CROSSINGS</u>	730cm	730cm	760cm	810cm



MINIMUM ATTACHMENT HEIGHT = MAXIMUM SAG
 + MINIMUM VERTICAL CLEARANCE (FROM ABOVE TABLE)
 ± GRADE DIFFERENCE
 + 0.3m (VEHICLE OR RAILWAY LOCATION)
 + SNOW DEPTH (PEDESTRIAN LOCATION, SEE NOTE 3)

NOTES:

1. THE MULTIGROUNDED SYSTEM NEUTRAL HAS THE SAME CLEARANCE AS THE 600V SYSTEM.
2. THE VERTICAL CLEARANCES IN THE ABOVE TABLE ARE UNDER MAXIMUM SAG CONDITIONS.
3. REFER TO CSA STANDARD C22.3 No.1, ANNEX D FOR LOCAL SNOW DEPTH VALUES.
4. ALL CLEARANCES ARE IN ACCORDANCE TO CSA STANDARD C22.3.

CONVERSION TABLE

METRIC	IMPERIAL (APPROX)
810cm	27'-0"
760cm	25'-4"
730cm	24'-4"
520cm	17'-4"
480cm	16'-0"
442cm	15'-5"
370cm	12'-4"
340cm	11'-4"
310cm	10'-4"
250cm	8'-4"

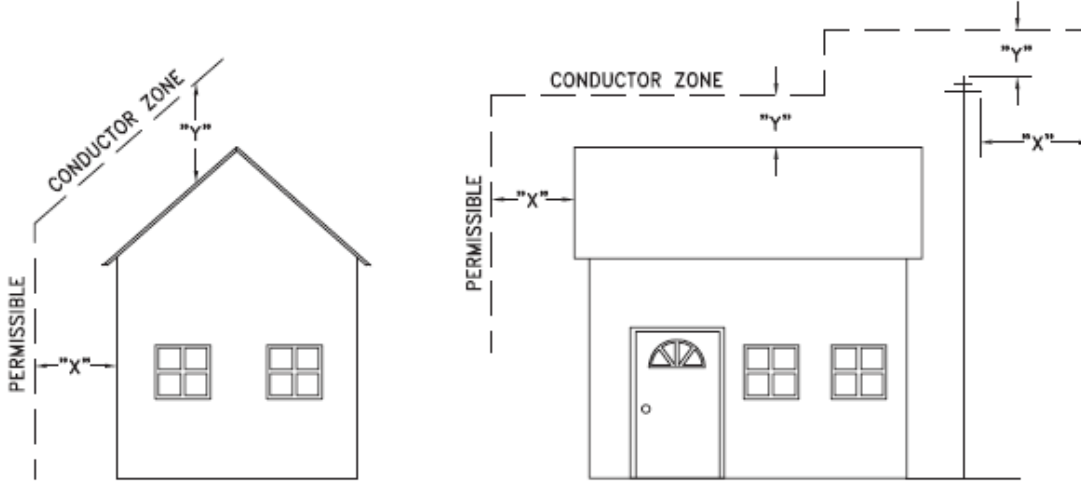
REFERENCES

SAGS AND TENSIONS | SECTION 02

MINIMUM VERTICAL CLEARANCES OF WIRES, CABLES AND CONDUCTORS ABOVE GROUND OR RAILS

ORIGINAL ISSUE DATE: 2010-DEC-24 REVISION NO: R1 REVISION DATE: 2012-JAN-09

Certificate of Approval	
This construction Standard meets the safety requirements of Section 4 of Regulation 22/04	
Joe Crozier, P.Eng.	2012-JAN-09
Name	Date
P.Eng. Approval By:	Joe Crozier



VOLTAGE	MINIMUM HORIZONTAL CLEARANCE UNDER MAXIMUM SWING CONDITIONS DIMENSION "X" (SEE NOTES 1, 3 & 4)	MINIMUM VERTICAL CLEARANCE UNDER MAXIMUM DESIGN SAG CONDITIONS DIMENSION "Y" (SEE NOTES 1, 2, 4 & 5)
0-600V AND NEUTRAL	100cm	250cm
4.16/2.4 TO 44kV	300cm	480cm

NOTES

1. UNDER NO CIRCUMSTANCES SHALL A CONDUCTOR BE PERMITTED TO PENETRATE THE ENVELOPE SHOWN BY THE DOTTED LINE.
2. THE VERTICAL CLEARANCES ARE UNDER CONDITIONS OF MAXIMUM DESIGN SAG.
3. THE HORIZONTAL CLEARANCES ARE UNDER CONDITIONS OF MAXIMUM SWING. WHERE THE CONDUCTOR SWING IS NOT KNOWN A HORIZONTAL CLEARANCE OF 480CM SHALL BE USED.
4. BUILDINGS THAT EXCEED 3 STOREYS OR 15M IN HEIGHT, THE MINIMUM HORIZONTAL CLEARANCE OF THE SECONDARY CONDUCTORS SHOULD BE INCREASED TO 300cm WHERE IT IS NECESSARY TO ALLOW FOR THE RAISING OF LADDERS BY LOCAL FIRE DEPARTMENTS.
5. IN SITUATIONS SUCH AS MULTI-LEVEL GARAGES, WHERE ROOFS ARE NORMALLY USED BY PERSONS AND VEHICLES, THE VERTICAL CLEARANCES OF POWERSTREAM STANDARD 03-1 SHALL APPLY.
6. DISTRIBUTION LINES CONSTRUCTED NEAR BUILDINGS SHALL BE BUILT TO AVOID OVERHANG WHEREVER POSSIBLE. WHERE LINES MUST BE CONSTRUCTED OVER OR ADJACENT TO BUILDINGS THE APPLICABLE HORIZONTAL AND VERTICAL CLEARANCES SHALL BE AT CONDITIONS OF MAXIMUM CONDUCTOR SWING AND MAXIMUM SAG. THE ABOVE CLEARANCES ARE DESIGNED TO PREVENT PERSONS ON OR IN BUILDINGS AS WELL AS EXTERNAL MACHINERY USED IN CONJUNCTION WITH A BUILDING TO COME IN CONTACT WITH CONDUCTORS. EFFORTS SHOULD BE MADE TO INCREASE THESE CLEARANCES WHERE POSSIBLE.
7. ALL CLEARANCES ARE IN ACCORDANCE TO CSA C22.3 NO.1-06 (TABLE-9).

METRIC	IMPERIAL (APPROX)
480cm	16'-0"
300cm	10'-0"
250cm	8'-4"
100cm	3'-4"

MINIMUM VERTICAL & HORIZONTAL CLEARANCES OF CONDUCTORS FROM BUILDINGS OR OTHER PERMANENT STRUCTURES (CONDUCTORS NOT ATTACHED TO BUILDINGS)

Certificate of Approval
This construction Standard meets the safety requirements of Section 4 of Regulation 22/04
Debbie Dadwani, P.Eng. 2010-MAY-05
Name Date
P. Eng. Approval By: *D. Dadwani*

ORIGINAL ISSUE DATE: 2010-MAY-05 REVISION NO: REVISION DATE:
PS:\System Planning and Standards\Standard Design\PowerStream Standards\PowerStream Standards working files\Section 3-1-02\WG 03-4 R0 May 5, 2010.dwg, 5/5/2010 10:22:02 AM, Adobe PDF

To: Committee of Adjustment
From: Faegheh Gholami, Building Standards Department
Date: January 23, 2023
Applicant: Sorina Benhas and Kaveh Hamzavi
Location: 341 Laurentian Boulevard
 PLAN 65M3201 Lot 99
File No.(s): A320/22

Zoning Classification:

The subject lands are zoned R1A(EN) – Estate Residential Zone (Established Neighbourhood) and subject to the provisions of Exception 14.627 under Zoning By-law 001-2021, as amended.

#	Zoning By-law 001-2021	Variance requested
1	A minimum side yard setback of 2.4m is required to the residential accessory structure. [4.1.2.1.b]	To permit a minimum side yard setback of 0.6m to the residential accessory structure #2.

Staff Comments:

Stop Work Order(s) and Order(s) to Comply:

There are no outstanding Orders on file

Building Permit(s) Issued:

Building Permit No. 22-131193 for Shed/Gazebo - New, Issue Date: (Not Yet Issued)

Other Comments:

General Comments	
1	The applicant shall be advised that additional variances may be required upon review of detailed drawing for building permit/site plan approval.

Conditions of Approval:

If the committee finds merit in the application, the following conditions of approval are recommended.

* Comments are based on the review of documentation supplied with this application.

To: Christine Vigneault, Committee of Adjustment Secretary Treasurer
From: Nancy Tuckett, Director of Development Planning
Date: February 16, 2023
Name of Owners: Sorina Benhas and Kaveh Hamzavi
Location: 341 Laurentian Boulevard
File No.(s): A320/22

Proposed Variance(s) (By-law 001-2021):

1. To permit a minimum side yard setback of 0.6m to the residential accessory structure #2.

By-Law Requirement(s) (By-law 001-2021):

1. A minimum side yard setback of 2.4m is required to the residential accessory structure.

Official Plan:

Vaughan Official Plan 2010 ('VOP 2010'): "Low-Rise Residential" by Schedule 13, "Oak Ridges Moraine Settlement Area" by Schedule 4.

Comments:

The Owner is requesting relief to permit the construction of a shed with the above noted variance. The shed proposes a bathroom and storage space.

The Development Planning Department has no objection to the above noted Variance for the proposed reduction to the minimum side yard setback of 0.6 m as it will not pose any significant visual impact to nor impact the function of the abutting uses, maintains an appropriate area for access, drainage, and vegetated amenity space and will not impact the abutting properties.

Accordingly, the Development Planning Department can support the requested variance and is of the opinion that the proposal is minor in nature, maintains the general intent and purpose of the Official Plan and Zoning By-law, and is desirable for the appropriate development of the land.

Recommendation:

The Development Planning Department recommends approval of the application.

Conditions of Approval:

If the Committee finds merit in the application, the following conditions of approval are recommended:

None.

Comments Prepared by:

Michelle Perrone, Planning Technician
David Harding, Senior Planner

Lenore Providence

Subject: FW: [External] RE: A320/22 (341 Laurentian Blvd) - REQUEST FOR COMMENTS, CITY OF VAUGHAN

From: Development Services <developmentsservices@york.ca>

Sent: February-02-23 4:23 PM

To: Christine Vigneault <Christine.Vigneault@vaughan.ca>

Cc: Committee of Adjustment <CofA@vaughan.ca>

Subject: [External] RE: A320/22 (341 Laurentian Blvd) - REQUEST FOR COMMENTS, CITY OF VAUGHAN

Hi Christine,

The Regional Municipality of York has completed its review of the above minor variance and has no comment.

Many thanks,

Our working hours may be different. Please do not feel obligated to reply outside of your scheduled working hours. Let's work together to help foster healthy work-life boundaries.

Niranjan Rajevan, M.Pl. | Associate Planner, Programs and Process Improvement, Planning and Economic Development, Corporate Services

The Regional Municipality of York | 17250 Yonge Street | Newmarket, ON L3Y 6Z1
1-877-464-9675 ext. 71521 | niranjan.rajevan@york.ca | www.york.ca

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SCHEDULE C: PUBLIC & APPLICANT CORRESPONDENCE

Correspondence Type	Name	Address	Date Received (mm/dd/yyyy)	Summary
Applicant			03/01/2023	Pump Brochure (addressing noise levels)
Public	Susan Sigrist & Mark Hubbard	27 Matterhorn Road	03/02/2023	Letter of Objection

Analysis:

Zoning By-law 001-2021
Requirements R1A – First Density Residential Zone
4.1 Accessory Uses, Buildings and Structures

<u>Height of Accessory Structure</u>	<u>Required Setback</u>
> 2.8 m [9' 2.25"]	2.4 m [7' 10.5"]

Height of proposed Cabana #2 is 3.36 m above grade [11' 0.25"].

Setback of proposed Cabana #2 is 0.6m [1' 11.6"]. This is 1.8 m [5' 10.8"] closer to the lot line than permitted.

Note this is the same setback required for a cabana that is \leq 2.8 m [9' 2.25"] height.

Table 4.1

<u>Eaves, eaves troughs, gutters</u>	<u>Required Setback</u>
Any required yard	0.5 m [1' 7.7"]

Cabana #2 eaves have an overhang width of 0.33 m [1' 1"].

This is $0.6 - 0.33 = 0.27$ m [10.6"] setback from the lot line. This is 0.23 m [9"] closer to the lot line than is permitted.

The distance from the closest pool edge to the corner of the pool equipment pad is 6.26 m [20' 6.5"]. When Cabana #2 is located according to zoning requirements the distance becomes 4.46 m [14' 5.5"]. This gives plenty of space around the pool.

Discrepancies on Drawings – Cabana #2 Elevations and Sections 22-067 Page 5/5

Drawing shows a 0.76 m [30"] door opening on the south side of the cabana, facing towards the lot line fence. The cabana is less than 24 inches from the fence so the door cannot open all the way.

The same drawing shows a door on the east face opening onto the pool equipment pad – again the door would not be able to open.

It is difficult to judge the sight lines to Cabana #2 from the neighbour's (to the south) home and backyard sitting area as the home is not included in the drawing.

Pool Equipment and Noise Disturbance

Pool equipment is being relocated from inside an existing cabana to outside. Noise is a consideration in this quiet neighbourhood.

Analysis:

By-law 121-2021

9.0 Pump and Filtration Systems

(1) No person shall use or operate or cause to be used or operated any pump, filtration system or similar device for an outdoor swimming pool, hot tub, spa, fountain or water feature, the Noise from which has a level greater than 55 dBA when measured at the Point of Reception or in compliance with Schedule 3, NPC Publication-300 – Stationary and Transportation Sources.

Schedule 6 Offences and Corresponding Administrative Monetary Penalties

Section 9(1) Fine Amount \$500

According to the World Health Organization's Guidelines for Community Noise, 55 dBA is a daytime noise level that people do not find disturbing or annoying.

From "Understanding swimming pool pump noise – The definitive guide (2018) – A typical swimming pool pump runs in the range of 65 – 90 dBA, almost as loud as riding in a subway car. This can be a detriment to a pools outdoor pleasure."

In the decibel scale each time a sound increases by 3 dBAs, it doubles its intensity. Each time it increases by 10 dBA, it multiplies its intensity by 10.

As a comparison the noise limit for air conditioners is 61 dBA. Pool pumps must be 6 dBA less than this which is 4 times less intense.

This backyard plan has pool equipment located on an open pad located 0.6m from the lot line. It shows two pumps. Although noise level is not added linearly, for two pumps to run simultaneously and not go over 55 dBA they each cannot generate noise at more than 52 dBA. This difference is greater than 10 dBA for a typical pool pump in the quietest range; new and operating efficiently. Pool pumps get louder as they age. Current pumps are sealed so lubrication cannot reduce sound levels. Dirty pump baskets and air in the system adds to the noise level, as do operation of pool water heating equipment – conventional natural gas heaters or heat pump water heaters.

As the equipment will be located in the open, and very close to the lot line (point of reception), the noise level will likely exceed 55 dBA and disturb the southerly neighbour, as well as the homeowner in their own backyard. Windows should not have to be kept closed to muffle noise

from pool equipment that operates 24 hours per day from potentially the beginning of April until the end of October.

Additional Considerations / Inquiries

Has the City requested the drainage plans for this backyard saltwater pool. The new by-law does not allow discharge of saltwater onto the street (catch basins), house downspouts and drainage tile, or a neighbour's property. All are discharged or drain to Laurentian Stormwater Management Pond which drains to the East Don River. Salt is a detriment to the flora and fauna in the environmentally significant valleylands south of Laurentian Blvd. circle. This is the optimal time to upgrade the system to meet requirements

Did the City receive a tree cutting permit request for the maple tree that is growing where Cabana 1 is to be located. This tree was planted over 20 years ago and has a diameter over the minimum required. What is the tree replacement plan to ensure Vaughan achieves our urban tree canopy goal?

In Conclusion:

We do not support this minor variance request.

Homeowners purchase homes in the Ravines of Maplewood neighbourhood for the size of the lots and to have space between their neighbours. 341 Laurentian Blvd. has a lot frontage of 95', 201' length (on Cabana #2 side) and 65' back width. This backyard provides plenty of space to locate a cabana and the associated pool equipment while meeting zoning requirements. There is ample leisure and recreational space and opportunity for quiet in the backyard and around the existing pool.

The R1A zoning setbacks should be followed for the height and eaves location of this cabana. There is the option to locate this cabana elsewhere in this large backyard if the homeowner desires additional space around the pool. Alternatively, the height of this cabana can be reduced to a maximum 2.4 m, allowing the 0.6 m setback for the cabana wall or 0.5 m for the cabana eaves.

A recommendation for the homeowner is to locate the swimming pool equipment inside an enclosed structure. As mentioned the typical sound level for one pool pump is 65 dBA and two pool pumps 68 dBA on the quietest side. This is already above the Noise By-law of 55 dBA at the fence. It is not worth risking complaints and the \$500 fine per incidence, nor the disturbance to the enjoyment of their own backyard.

City of Vaughan, Office of the City Clerk, Committee of Adjustment
A320/22 (341 Laurentian Boulevard, Maple) Minor Variance
March 2, 2023 - 6pm

5

Sincerely,
Susan Sigrist, Mark Hubbard
27 Matterhorn Rd.
Maple, Ward 1
Feb 27, 2023

INTELLIFLO® VSF

VARIABLE SPEED AND FLOW PUMP

Consistent flow control for the highest energy savings and ultimate system performance.



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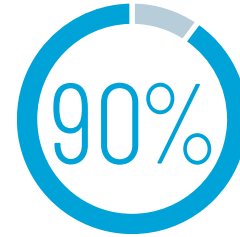


GOOD THINGS HAPPEN WHEN YOU GO WITH THE FLOW.

The world's first variable speed *and* flow pump that delivers the highest available efficiency and peak performance.

The IntelliFlo® VSF Pump is the first to adjust to changes in flow conditions to maintain its preprogrammed flow rate. So, it runs optimally throughout the entire filtration cycle. It's like having cruise control for your pump.

WEF 6.9 THP 3.95 (011056)



UP TO 90%* ENERGY SAVINGS

Since the IntelliFlo VSF Pump is ultra energy efficient, you can experience increased energy savings, up to 90%, when compared to conventional single- or two-speed pumps.



*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of \$0.16 per kWh in a 20,000-gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump RPM, plumbing size and length, pump model, service factor and other hydraulic factors.

THE INTELLIFLO VSF PUMP IS PART OF THE TRADEGRADE FAMILY OF PRODUCTS—EXCLUSIVELY MADE FOR AND SOLD BY THE WORLD'S MOST DEMANDING POOL PROFESSIONALS.

TradeGrade products give consumers the confidence that their pool pro is recommending the very best equipment and providing unmatched expertise for installation, setup and servicing.

CONSISTENT PERFORMANCE BY DESIGN

- Filters get the right amount of flow to maintain water clarity.
- Laminars and water features perform more consistently.
- Equipment efficiency and service life increase.



POTENTIAL SAVINGS WITH AN INTELLIFLO VSF VARIABLE SPEED AND FLOW PUMP

Estimated pump savings per year*	Energy cost per kilowatt hour (kWh)	Estimated pump savings after five years
up to \$1,500	\$0.16	up to \$7,500
up to \$1,800	\$0.20	up to \$9,000
up to \$2,700	\$0.30	up to \$13,500

ALL AROUND THE POOL, PRECISION PAYS.

ADJUSTS TO YOUR POOL'S UNIQUE NEEDS

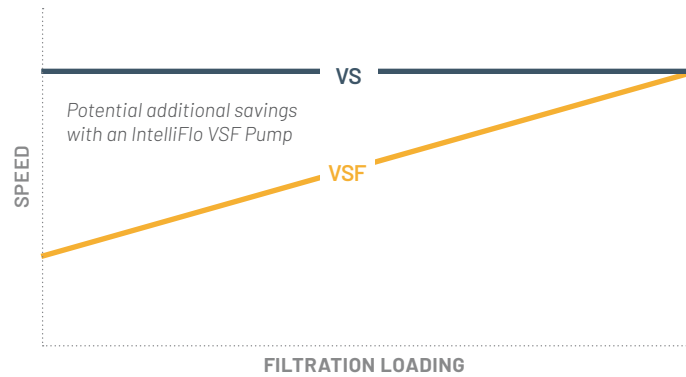
Every pool design is different, and conditions change, such as when filters accumulate debris over time. Other variable speed pumps require guesswork to set, and they don't adjust for flow changes. But, the IntelliFlo® VSF Pump does and always delivers just the right flow.

SET IT AND FORGET IT

Just set the desired flow rate, and the IntelliFlo VSF Pump will adjust as needed to maintain it. It's that simple. There's no more guesswork. Kick back and enjoy your pool while the IntelliFlo VSF Pump supplies consistent flow for peak performance.

ENERGY SAVINGS WITH FLOW CONTROL

Traditional variable speed pumps are set to run faster than needed early in the filtration cycle to compensate for flow reduction later as debris accumulates in the filter. The IntelliFlo VSF Pump adjusts flow throughout the cycle to minimize energy use.



Variable Speed:

RPM set high to maintain minimum flow

Variable Speed and Flow:

Increases speed as needed to maintain preset flow



Sparkling clean water

Always the right flow to maintain daily water turnover for optimum filtration.



Visual perfection

Always the right flow so laminars, waterfalls and negative edges look their best.



More efficient heating

Always the right flow for maximum heater efficiency.

PERFECTING FLOW

By itself or integrated with an automation system, rely on the IntelliFlo VSF Pump to consistently maintain your system's flow requirements, no matter the task.



*Always the right
flow for a better
pool experience
and lower costs.*

IT'S AN INTELLIFLO® PUMP WITH TRUSTED FAMILY TRADITIONS.

Pentair is the first brand to offer speed control and flow control in the same pump. And, the IntelliFlo VSF Pump is the most recent product in a long history of firsts. Innovations include: the first variable speed pool pump, the first variable flow pool pump, Safety Vacuum Release System (SVRS) technology and the first ENERGY STAR® Certified pool pump.



Smart technology for remarkable energy efficiency

Experience exceptional energy savings. IntelliFlo Pumps are installed in more pools worldwide and have saved more money than any other variable speed pump family.



Set it and forget it

The IntelliFlo VSF Pump maintains its set flow rate by responding to changing conditions. It's like cruise control for your pump.



One of the quietest pumps on the planet

When operating at low speed, it's so quiet you might not even know it's operating.



Automation compatible

Pairs seamlessly with Pentair's automation systems for the ultimate in convenient pool control on your schedule from anywhere in the world.



HOW QUIET IS THE
INTELLIFLO VSF PUMP?

Library
30 dB

IntelliFlo VSF Pump
45 dB

Moderate rainfall
50 dB

Dishwasher
60 dB

Single-speed pump**
67 dB

Car traffic
70 dB

Vacuum cleaner
70 dB

Alarm clock
70 dB

Lawnmower
106 dB

Decibels (dB)

**1.5-HP pool pump. Sources: American Speech-Language-Hearing Association, OSHA.

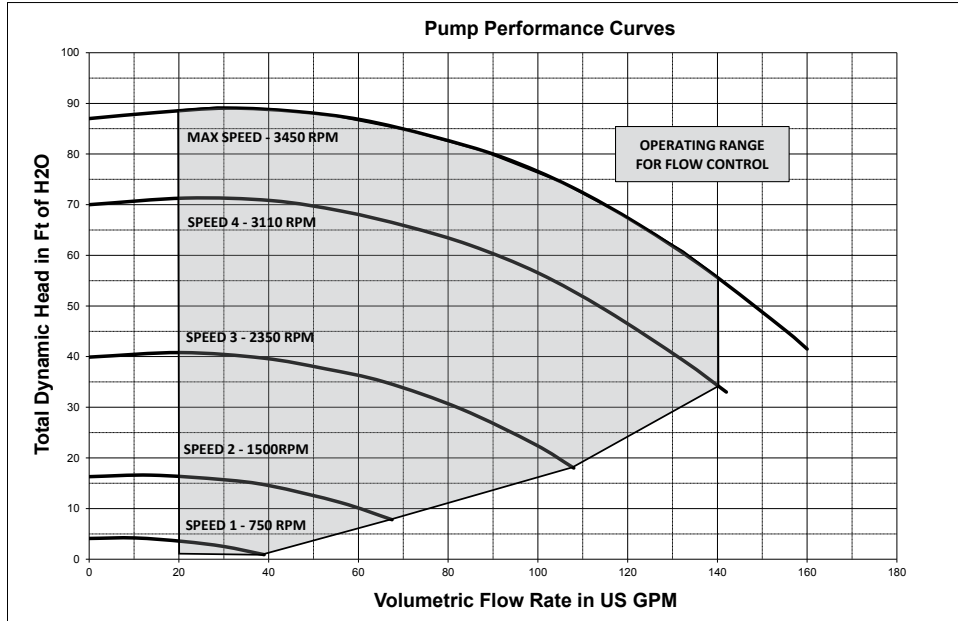
INTELLIFLO[®] VSF

VARIABLE SPEED AND FLOW PUMP



CONSISTENT FLOW CONTROL FOR THE HIGHEST ENERGY SAVINGS AND ULTIMATE SYSTEM PERFORMANCE.

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