Memorandum to the City of Markham Committee of Adjustment November 15, 2024

File:A/106/23Address:86 John Street (Thornhill)Applicant:Scott Rushlow Associates Ltd.Hearing Date:Wednesday, November 20, 2024

The following comments are provided by Heritage Section staff ("Staff") for the property municipally-known as 86 John Street (the "Subject Property" or the "Property"):

The applicant is requesting relief from the following requirements of By-law 2237, as amended, as it relates to a proposed rear addition:

a) By-law 2237, Amending By-law 101-90, Section 1.2 (iv):

a building depth of 31.48 metres, whereas the by-law permits a maximum building depth of 16.8 metres;

b) <u>By-law 2237, Section 6.1:</u>

a rear yard setback of 14.85 feet, whereas the by-law requires a minimum rear yard setback of 30 feet; and

c) By-law 223-94, Section 1:

a maximum floor area ratio of 44.73 percent, whereas the by-law permits a maximum floor area ratio of 33 percent.

As a result of revisions submitted by the Applicant on November 14th, 2024, as outlined in the comments below, the requested variances are revised as follows:

a) By-law 2237, Amending By-law 101-90, Section 1.2 (iv):

a building depth of **30.91 metres**, whereas the by-law permits a maximum building depth of 16.8 metres;

b) By-law 2237, Section 6.1:

a rear yard setback of **16.17 feet**, whereas the by-law requires a minimum rear yard setback of 30 feet; and

c) By-law 223-94, Section 1:

a maximum floor area ratio of **43.75 percent**, whereas the by-law permits a maximum floor area ratio of 33 percent.

BACKGROUND

This application was previously considered by the Committee of Adjustment (the "COA") at its meeting on October 9, 2024. The COA voted to defer the application to provide the

applicant with the opportunity to make revisions to the proposal in order to address comments raised at the meeting.

In response to comments from the COA, the applicant has made the following revisions to the application as illustrated in the appended drawings (refer to Appendix "B"). Note that these revisions were made after notice was served.

- The height of the addition has been reduced by 0.16 m;
- The addition has been shifted an additional 1.0 ft from the eastern property line;
- The addition has been shifted 8 in closer to the western property line;
- The length of the garage has been shortened from 33'-8" to 33'-0";
- The area of the In-Law Suite has been reduced from 819.1 ft² to 781.5 ft²;
- The area of the garage has been reduced from 753.6 ft² to 738.8 ft²;
- The apartment area has been reduced from 907.7 ft² to 896.0 ft²;
- The area of the Games Room/Wellness Room has been reduced from 722.8 ft² to 698.1 ft².

These revisions have resulted in changes to the requested variances as noted above.

As the version of the proposal now before the COA remains substantially in accordance with the proposal considered at the October hearing date, the conclusions of the appended Staff report remain unchanged (Refer to Appendix 'C').

Please refer to Appendix "A" for conditions to be attached to any approval of this application.

PREPARED BY:

Evan Manning, Senior Heritage Planner

REVIEWED BY:

aputcheron

Regan Hutcheson, Manager, Heritage Planning

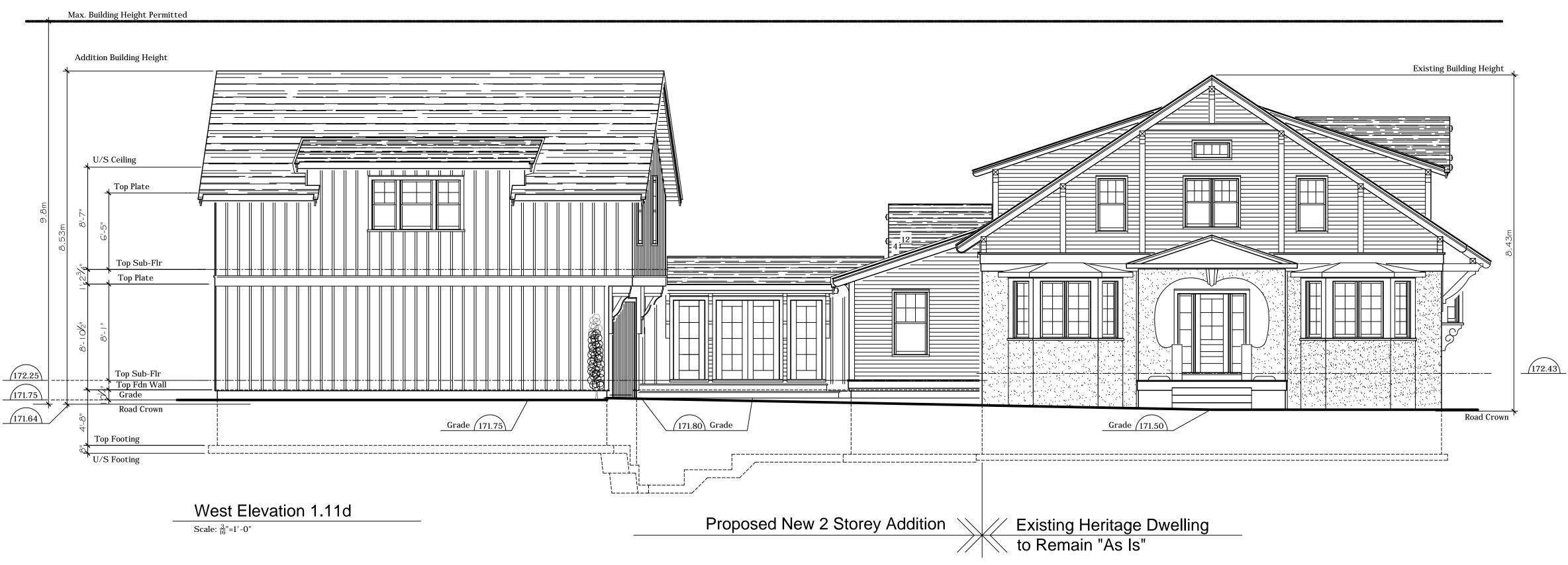
APPENDIX "A" CONDITIONS TO BE ATTACHED TO ANY APPROVAL OF FILE A/106/23

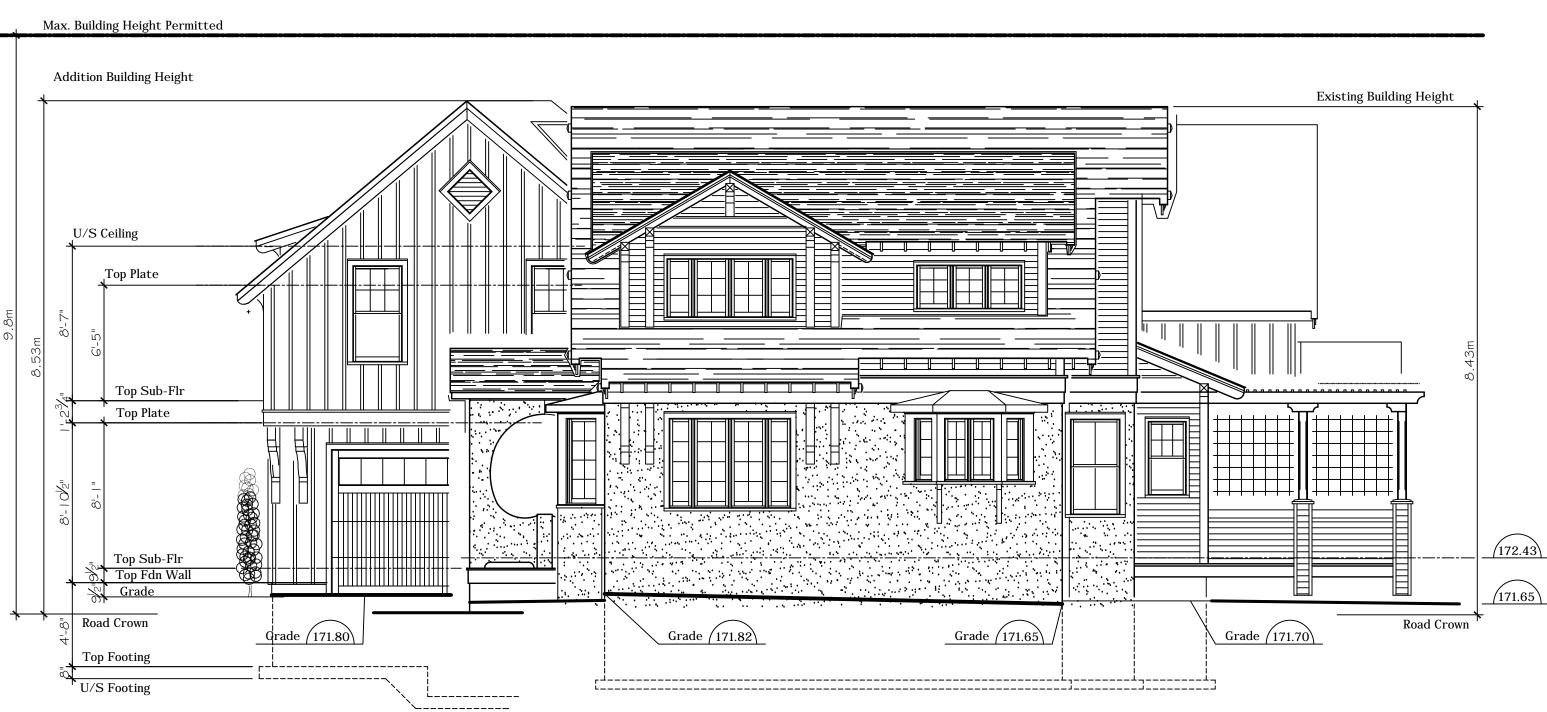
- 1. The variances apply only to the proposed development for as long as it remains.
- 2. That the variances apply only to the subject development, in substantial conformity with the plan(s) appended to the Staff Report dated November 15th as Appendix 'B', and that the Secretary-Treasurer receive written confirmation from the Supervisor of the Committee of Adjustment or designate that this condition has been fulfilled to his or her satisfaction.
- Submission of a Tree Assessment and Preservation Plan, prepared by a qualified arborist in accordance with the City's Trees for Tomorrow Streetscape Manual, to the satisfaction of the Director of Planning and Urban Design, or their designate, through the future Major Heritage Permit Approval process.
- 4. That tree replacements be provided and/or tree replacement fees be paid to the City where required, in accordance with the City's Trees for Tomorrow Streetscape Manual and Accepted Tree Assessment and Preservation Plan, through the future Major Heritage Permit Approval process.
- 5. That prior to the commencement of construction, demolition and/or issuance of building permit, tree protection be erected and maintained around all trees on site, including City of Markham street trees, in accordance with the City's Trees for Tomorrow Streetscape Manual, Accepted Tree Assessment and Preservation Plan, and conditions of the Major Heritage Permit, to be inspected by City staff to the satisfaction of the Director of Planning and Urban Design, or their designate.
- 6. That vegetative screening be planted adjacent to the north elevation of the addition to the satisfaction of the Director of Planning and Urban Design, or their designate, through the Major Heritage Permit Approval process.
- 7. That a 6ft privacy fence be erected along the rear property line to the satisfaction of the Director of Planning and Urban Design, or their designate, through the Major Heritage Permit Approval process.

CONDITIONS PREPARED BY:

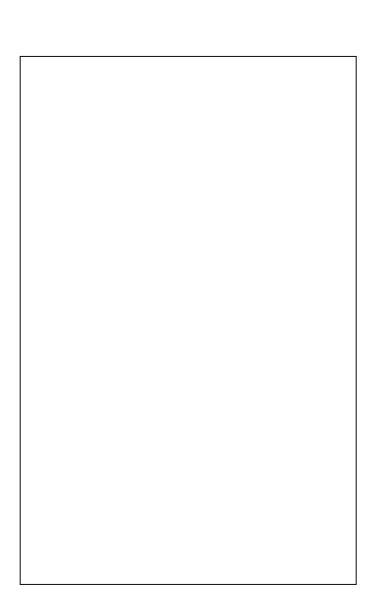
Evan Manning, Senior Heritage Planner

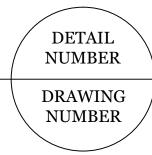
APPENDIX "B" REVISED DRAWINGS





South Elevation 1.11d Scale: $\frac{3}{16}$ "=1'-0"





No.	Description	Date
1	Issued for Client Review	12 / 10 / 2023
2	Issued for Client Review	27 / 03 / 2024
3	Issued for Client Review	31 / 03 / 2024
3	Issued for Client Review	31 / (

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

QUALIFICATION INFORMATION

Scott Rushlow NAME 29726 BCIN SIGNATURE

REGISTRATION INFORMATION

Scott Rushlow Associates Ltd 35924 BCIN

SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G 0C8 905 852 5595

PROJECT

FIRM

Capelli / Simmons Residence 86 John Street Markham, Ontario

(Part of Lot 30, Concession 1)

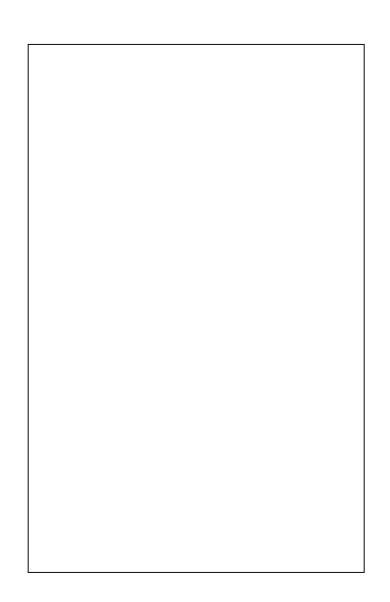
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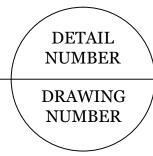
Exterior Elevations 1.11d

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Nov. 13, 2024	
Job No.		Λ 1
Drawn By:	S.R.	$\mathbf{\Pi}$
Checked By:		









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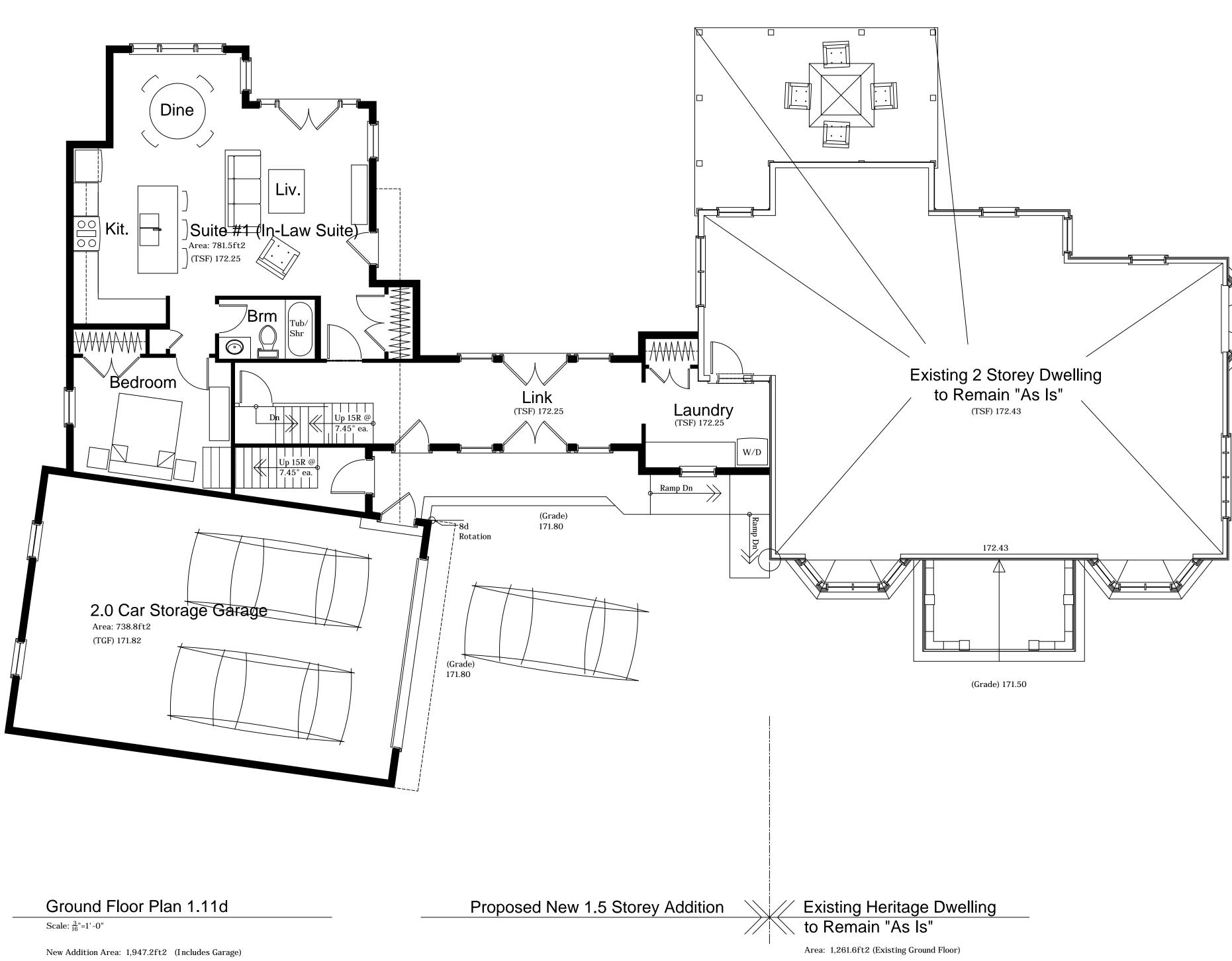
Capelli / Simmons Residence 86 John Street Markham, Ontario

(Part of Lot 30, Concession 1)

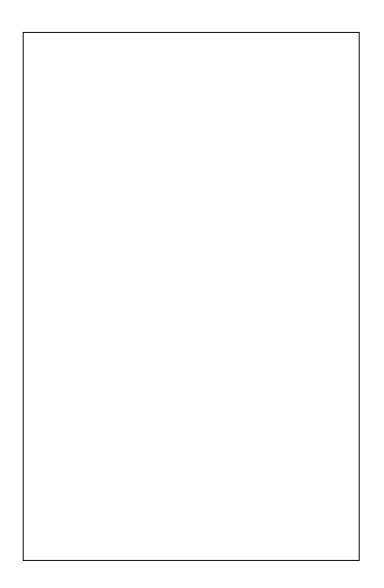
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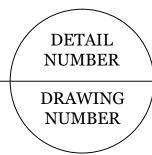
Exterior Elevations 1.11d

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Nov. 13, 2024	
Job No.		ΛΩ
Drawn By:	S.R.	A2
Checked By:		



Total Project Area: (New and Exist) Area: 5,737.8ft2 (Includes Garage)





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SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G 0C8 905 852 5595

PROJECT

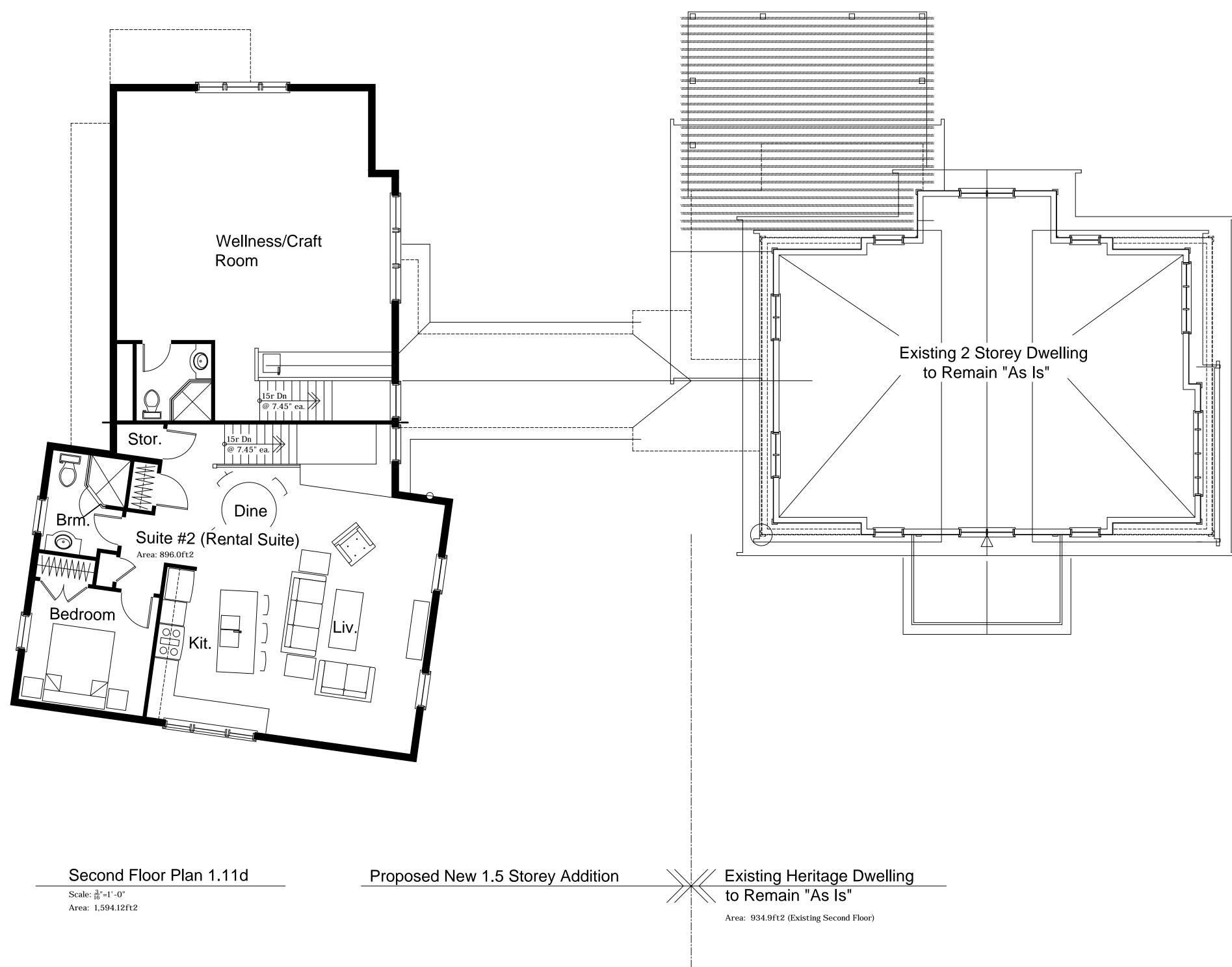
Capelli / Simmons Residence 86 John Street Markham, Ontario

(Part of Lot 30, Concession 1)

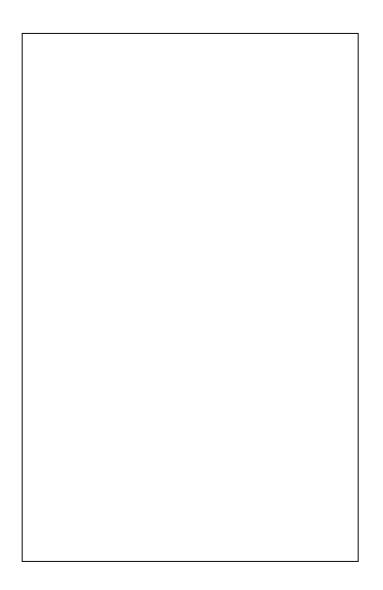
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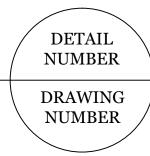
Ground Floor Plan 1.11d

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Nov. 13, 2024	
Job No.		ΔΩ
Drawn By:	S.R.	$\Lambda 3$
Checked By:		









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REGISTRATION INFORMATION

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SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G oC8 905 852 5595

PROJECT

FIRM

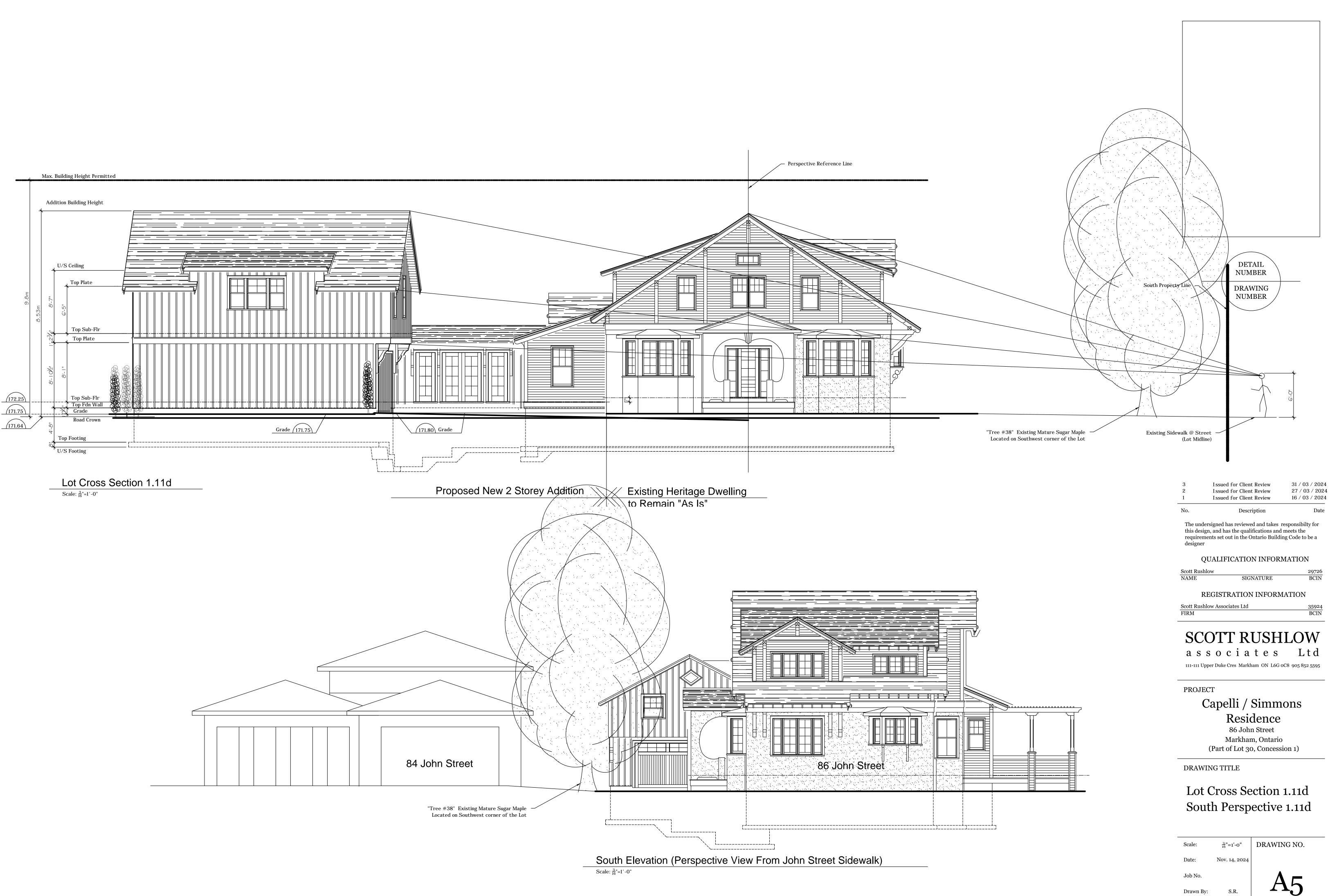
Capelli / Simmons Residence 86 John Street Markham, Ontario

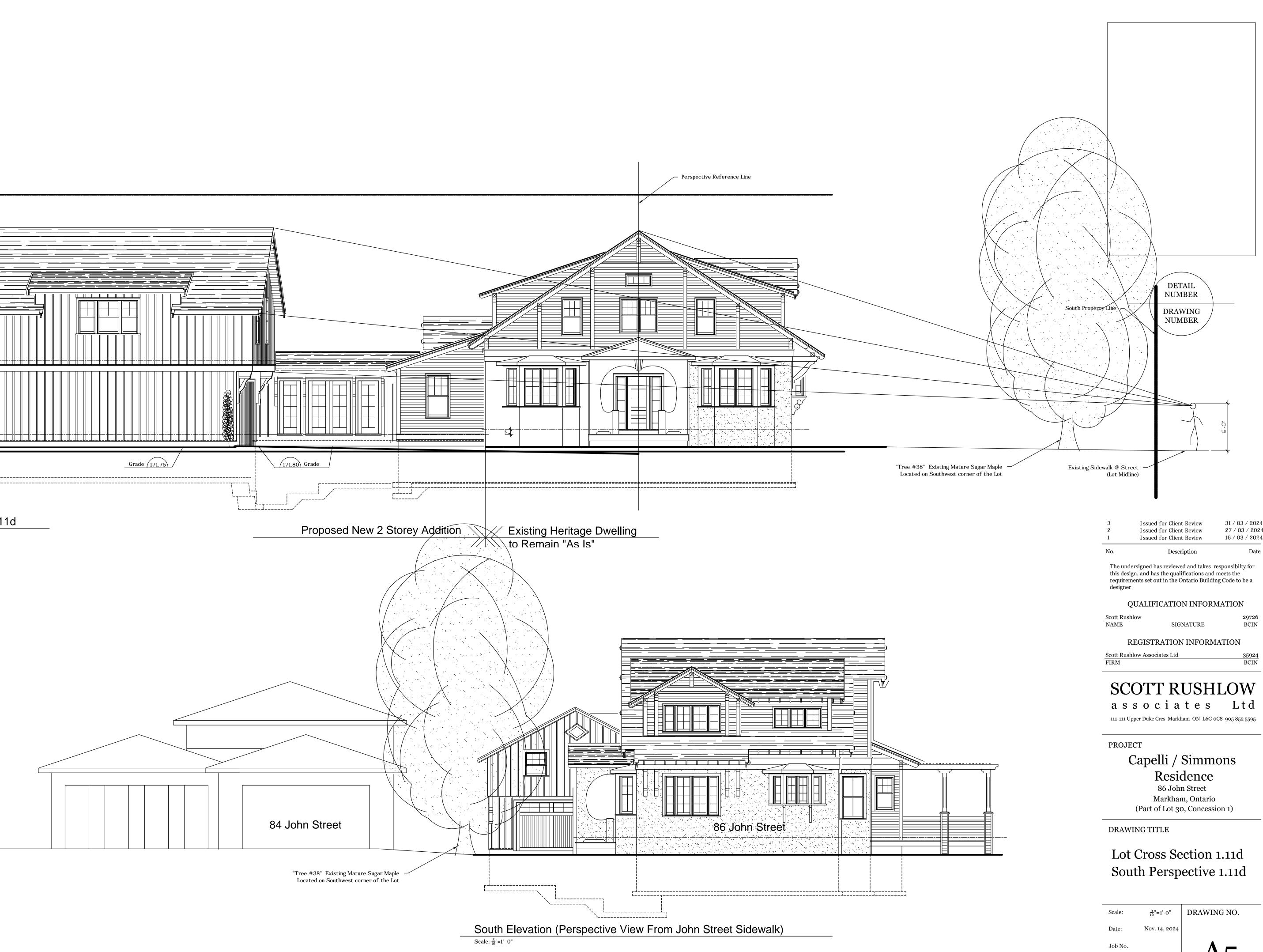
(Part of Lot 30, Concession 1)

DRAWING TITLE

Second Floor Plan 1.11d

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Nov. 13, 2024	
Job No.		Λ
Drawn By:	S.R.	A 4
Checked By:		

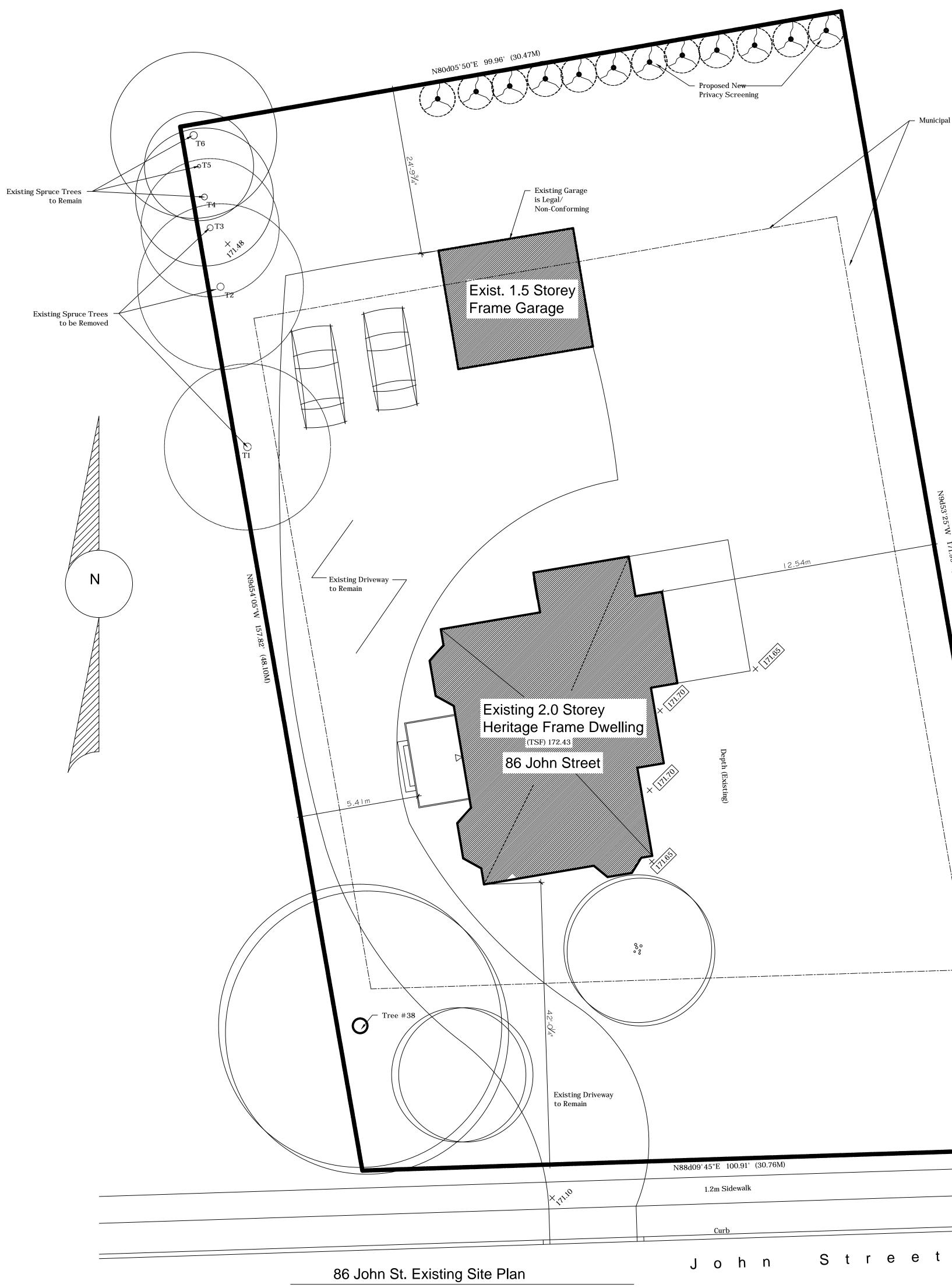




S.R.

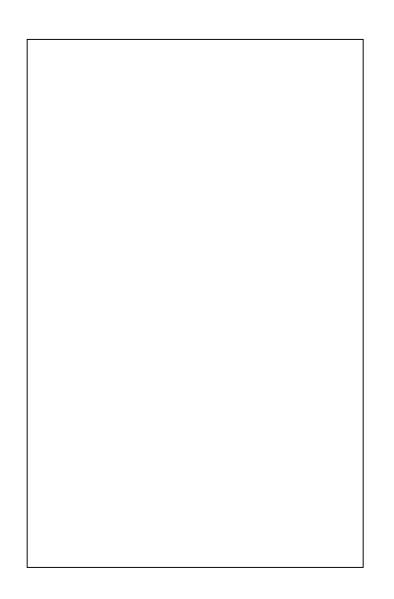
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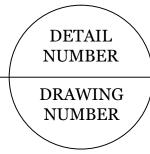
Checked By:



Scale: 1:100

- Municipal Setback Limits





4	Issued for Client Review Lot Grading	05 / 06 / 2024
3	Issued for Client Review	31 / 03 / 2024
2	Issued for Client Review	27 / 03 / 2024
1	Issued for Client Review	12 / 10 / 2023

Description

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Scott Rushlow29726NAMESIGNATUREBCIN

REGISTRATION INFORMATION

 Scott Rushlow Associates Ltd
 35924

 FIRM
 BCIN

SCOTT RUSHLOW

associates Ltd

PROJECT

No.

Capelli / Simmons Residence 86 John Street Markham, Ontario

(Part of Lot 30, Concession 1)

DRAWING TITLE

Existing Site Plan

Scale:	1:100	DRAWING NO.
Date:	Nov. 14, 2024	
Job No.		Fv QD
Drawn By:	S.R.	
Checked By:		

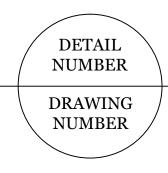


	* BY-LAW	EXISTING	PROPOSED (Existing plus Addition)	SURPLUS/(DEFFI CI ENCY)
* 1. ZONING	R2-Second Density Single Family Residential und	er By-Law 2237 as amended, Parking By-Law 28-9	7, Deck By-Law 142-95	
3. LOT FRONTAGE (min)	23.0 m	100.91ft (30.76m)	100.91ft (30.76m)	
2. LOT AREA (min)	9,750.0ft2	16,478.6ft2 (1530.90m2)	16,478.6ft2 (1530.90m2)	
4. SETBACKS (min)	FRONT YARD =27.0ftSIDE YARD (on each side) =1.8mSIDE YARD (1 storey portion) =1.2mREAR YARD =30.0ft	FRONT YARD =42.02ftSIDE YARD (on each side) =5.41mSIDE YARD (1 storey portion) =12.54mREAR YARD DEPTH =24.81ft	FRONT YARD =42.02ftSI DE YARD (on each side) =1.87mSI DE YARD (1 storey portion) =9.51mREAR YARD DEPTH =16.17ft	FRONT YARD =15.02ftSI DE YARD (on each side) =0.07mSI DE YARD (1 storey portion) =8.31mREAR YARD DEPTH =(13.83ft
5. BUILDING HEIGHT (max)	9.8m	BUILDING HEIGHT = 8.43m	BUILDING HEIGHT = 8.53m	BUILDING HEIGHT = 1.27m
6. BUI LDI NG AREA	33-1/3% of LOT AREA	151.60m2	298.10m2	212.19m2
6. GROSS BUILDING AREA	402.06m2	272.51m2	533.06m2	
7. NUM. OF STOREYS (max)	2 STOREYS	2 STOREYS	2 STORENS Storey Addition)	Complies
8. LOT COVERAGE (max)	33-1/3 percent	9.90 percent	19.47 percent	13.86 percent
9. NET LOT AREA:	9,750ft2 + [(16,478.6ft2 - 9,750ft2) / 2] = 13,114.3 ft2 Net Lot Area			
10. FLOOR AREA RATIO (max)	33% of NET LOT AREA = 4,327.72ft2 (max)	22.37%	43.75%	(10.75%)
11. DEPTH (max)	16.8m 2 Storey / 18.9m with Conditions)	14.66m 30.91m		(14.11m)

* Zoning is subject to Bill 23 Amending the Planning Act

Scale: 1:100

– Municipal Setback Limits



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REGISTRATION INFORMATION

Scott Rushlow Associates Ltd 35924 BCIN FIRM

SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G oC8 905 852 5595

PROJECT

No.

Capelli / Simmons Residence 86 John Street

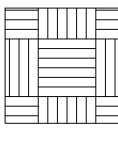
Markham, Ontario (Part of Lot 30, Concession 1)

DRAWING TITLE

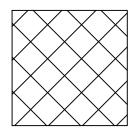
Site Plan 1.11d

Scale:	1:100	DRAWING NO.
Date:	Nov. 14, 2024	
Job No.		SD
Drawn By:	S.R.	SI
Checked By:		



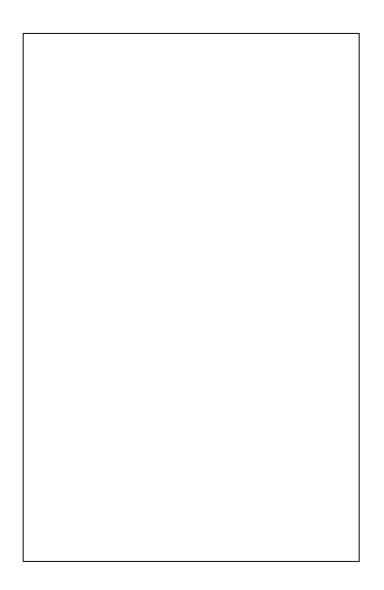


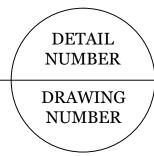
By-Law Defficiency (42.15m2)



By-Law Surplus 602.06m2

Proposed Site Plan 1.11d Scale: 1:100





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SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G oC8 905 852 5595

PROJECT

No.

FIRM

Capelli / Simmons Residence 86 John Street Markham, Ontario (Part of Lot 30, Concession 1)

DRAWING TITLE

Site Plan 1.11d By-Law Surplus/Defficiency

Scale:	1:100	DRAWING NO.
Date:	Nov. 14, 2024	
Job No.		QDO
Drawn By:	S.R.	$\mathcal{O}\mathbf{I}\mathbf{Z}$
Checked By:		

APPENDIX "C" STAFF REPORT DATED OCTOBER 2, 2024

Memorandum to the City of Markham Committee of Adjustment

October 2, 2024

File:	A/106/23
Address:	86 John Street (Thornhill)
Applicant:	Scott Rushlow Associates Ltd.
Hearing Date:	Wednesday, October 9, 2024

The following comments are provided by Heritage Section staff ("Staff") for the property municipallyknown as 86 John Street (the "Subject Property" or the "Property"):

The applicant is requesting relief from the following requirements of By-law 2237, as amended, as it relates to a proposed rear addition:

a) By-law 2237, Amending By-law 101-90, Section 1.2 (iv):

a building depth of 31.48 metres, whereas the by-law permits a maximum building depth of 16.8 metres;

b) By-law 2237, Section 6.1:

a rear yard setback of 14.85 feet, whereas the by-law requires a minimum rear yard setback of 30 feet; and

c) By-law 223-94, Section 1:

a maximum floor area ratio of 44.73 percent, whereas the by-law permits a maximum floor area ratio of 33 percent.

BACKGROUND

Property Description

The approximately 1,600 m² (17,222 ft²) Subject Property is located on the north side of John Street between Sumner Lane to the west and Leahill Drive to the east. The Property is designated under Part V of the <u>Ontario Heritage Act</u> as part of the Thornhill Heritage Conservation District (the "THCD" or the "District"), a well-established residential neighbourhood comprised of a mix of one and two-storey detached dwellings generally situated on generously sized lots. Note that all properties contiguous with the Subject Property are also contained within the THCD.

There is an existing one-and-a half storey dwelling and detached garage on the Property which, according to Municipal Property Assessment records, were both constructed in 1914. The Property has a width of approximately 31m (102 ft) and a depth of approximately 49 m (161 ft) as measured from the midpoint of the front lot line. The lot configuration is such that 4 Leahill Drive, located immediately to the north of the Subject Property, runs perpendicular to the properties along the north side of John Street. As such, the existing dwelling on 4 Leahill Drive is situated perpendicular to those along John Street with an east-west rather than north-south orientation. In this configuration, its side rather than rear yard abuts the Subject Property. Refer to Appendices "C" and "D" for a property map and images of the Subject Property.

Mature vegetation exists on and adjacent to the Subject Property, providing visual screening between neighbouring dwellings. This screening is most dense adjacent to 4 Leahhill Drive located immediately to the north of the Subject Property.

Proposal

The applicant is proposing to construct a rear addition to the existing dwelling containing amenity space, two residential units, and a two-car garage. An enclosed one-storey link is proposed to connect the addition with the north elevation of the existing dwelling. This link will provide a weather

protected circulation route between the main dwelling and the proposed addition while maintaining the legibility of both volumes as distinct elements.

The existing garage is proposed to be removed to accommodate the addition (Staff do not object to its removal from a heritage perspective). Refer to Appendices "E" and "F" of this report for a rendering and drawings of the proposal.

Zoning Preliminary Review (ZPR) Undertaken

The applicant completed a Zoning Preliminary Review (ZPR) to confirm the initial variances required for the proposed development (refer to 23 118355 ZPR). The applicant has not conducted a Zoning Preliminary Review for the revised drawings. Consequently, it is the owner's responsibility to ensure that the application has accurately identified all the variances to the Zoning By-law required for the proposed development. If the variance request in this application contains errors, or if the need for additional variances is identified during the Building Permit review process, further variance application(s) may be required to address the non-compliance.

Policy Review

Official Plan and Zoning

The Official Plan is a municipality's chief planning tool to provide direction to approval authorities and the public on local planning matters. It contains land use planning objectives as well as policies in areas such as land use, and conservation of cultural heritage resources. The objectives and policies contained within the Official Plan conform to land-use direction as provided by the province via the *Planning Act* and the Provincial Planning Statement 2024 (formerly the Provincial Policy Statement, 2020).

Section 10.5 of the Markham Official Plan 2014 (partially approved on November 24/17, and updated on April 9/18), notes that it is the policy of Council that the Committee of Adjustment shall be guided by the general intent and purpose of the Plan in making decisions on minor variances to the zoning by-law and consent applications.

Zoning By-law 2237, as amended

The subject property is zoned "Second Density Single Family Residential (R2)" under By-law 1229, as amended, which permits one single detached dwelling per lot. The proposed dwelling does not comply with the rear yard setback requirements of the By-law.

Residential Infill Zoning By-law 101-90

The subject property is also subject to Residential Infill Zoning By-law 101-90. The intent of this Bylaw is to ensure the built form of new residential construction will maintain the character of existing neighbourhoods. It specifies development standards for building depth, garage projection, garage width, net floor area ratio, height, yard setbacks and number of storeys. The proposed development does not comply with the infill By-law requirements with respect to floor area.

By-law 223-94

The subject property is also subject to Site Specific By-law 223-94, which further amends Residential Infill By-law 101-90. The intent of this By-law is to permit a maximum Floor Area Ratio for properties located within the THCD to 33%. The proposed development does not comply with the By-law requirements with respect to floor area.

By-law 2024-19

The Subject Lands are also Zoned "RES-ENLR (Residential – Established Neighbourhood Low Rise), under By-law 2024-19, which permits detached dwellings. As per the transition clauses within Section 1.7 of By-law 2024-19, an application accepted prior to the passing of By-law 2024-19 on January 31st, 2024 shall continue to be subject to the applicable By-law in force on the day before the effective date of this by-law. As this variance application was accepted prior to the passing of By-law 2024-19, the provisions of By-law 2024-19 shall not apply to this application.

Land Use Policies

In the Official Plan, the subject property is designated "Residential - Low Rise" which provides for low rise housing forms including single detached dwellings. Section 8.2.3.5 of the Official Plan outlines infill development criteria for the "Residential Low Rise" designation with respect to height, massing and setbacks. These criteria help ensure that infill development is appropriate for the site and generally consistent with the zoning requirements for adjacent properties and properties along the same street, while accommodating a diversity of building styles. In considering applications for development approval in a "Residential Low Rise" area, which includes variances, development is required to meet the general intent of these development criteria. Regard shall also be had for the retention of existing trees and vegetation.

Heritage Conservation Policies

The Markham Official Plan also includes applicable policies respecting **heritage conservation** (Section 4.5 – Cultural Heritage Resources).

From a heritage conservation policy perspective, two of the overall goals of the Official Plan are "to protect established neighbourhoods, heritage conservation districts...by ensuring that new development is compatible and complementary in terms of use, built form and scale" and "to celebrate Markham's unique character by protecting cultural heritage resources and archaeological resources...to foster interaction between people and connections to their community" (Section 2.2.2).

Section 4.5 provides policy guidance on identification/recognition, protection, and development approvals. Two key development approval policies of Council are:

- "To provide for the protection and conservation of cultural heritage resources or the mitigation of adverse effects on cultural heritage resources as a condition of minor variance approval and associated agreements" (Section 4.5.3.9); and
- "To evaluate each variance proposal that directly affects a cultural heritage resource itself and adjacent lands on its own merits and its compatibility with the heritage policies of this Plan and the objectives and policies of any applicable heritage conservation district plan" (Section 4.5.3.10)

Thornhill Conservation District Plan

The THCD Plan categorizes properties based on their cultural heritage significance relative to the municipally-defined attributes of the District and provides policies and guidelines intended to manage change in a manner compatible with the heritage character of the THCD.

The Subject Property is categorized as 'Class A – Buildings of Major Importance to the District'. As described in Section 2.2.2 ('Building/Property Classification') of the THCD Plan, Class A properties possess the following qualities:

- *"They possess cultural heritage value";*
- "They are buildings and properties that maintain the heritage character of the District pre-1900";
- "These buildings possess heritage attributes or character defining elements such as historic materials, features, characteristics, forms, locations, spatial configurations, uses or historical associations that contribute to the cultural heritage value of the District. For example, a building may represent a historic architectural style or may have historic claddings, windows, architectural features, verandas or landscape elements";
- "Includes properties designated under Part IV of the Ontario Heritage Act and buildings identified as being of architectural significance in the 1986 Heritage District Plan".

<u>Section 4.2.2 – "Additions and Alterations to Heritage Buildings"</u> of the THCD Plan provides the following policy direction relevant to this application:

- a) "Conserve the heritage value and heritage attributes of a heritage resource when creating any new addition or any related new construction. Make the new work physically and visually compatible with, subordinate to, and distinguishable from the heritage resource.
- b) "Ensure that any new addition, alteration, or related new construction will not detrimentally impact the heritage resource if the new work is removed in future.
- c) "Alterations and additions to the heritage resource shall conform to the guidelines found in Section 9.2."

<u>Section 9.2.5.1 – Additions to Heritage Buildings – Location</u> provides the following guidelines: "Attached exterior additions should be located at the rear or on an inconspicuous side of a historic building" and "Additions should be limited in size and scale in relationship to the historic building".

<u>Section 9.2.5.2 – Additions to Heritage Buildings – Building Form</u> states: "**The form of the** original building should be considered in the design of a new addition" and "The attached addition should in no way dominate the street presence of the heritage building nor detract from any of its important historical features".

<u>Section 9.2.5.3 – Additions to Heritage Buildings – Scale</u> states: "The design of additions should reflect the scale od the existing heritage buildings" and "An addition should not be greater in scale than the existing building".

<u>Section 9.2.5.4 – Additions to Heritage Buildings – Respect for Original Building</u> states: "Additions to heritage buildings should be constructed so that there is the least possible loss of historic materials and so that character-defining features are jot obscured, damaged, or destroyed" and "An addition should be clearly differentiated from the historic building, but be compatible in terms of mass, composition, and colour".

COMMENTS

The *Planning Act* states that four tests must be met in order for a variance to be granted by the Committee of Adjustment:

- a) The variance must be minor in nature;
- b) The variance must be desirable, in the opinion of the Committee of Adjustment, for the appropriate development or use of land, building or structure;
- c) The general intent and purpose of the Zoning By-law must be maintained;
- d) The general intent and purpose of the Official Plan must be maintained.

Increase in Maximum Building Depth & Reduction Rear Yard Setback

The applicant is requesting relief to permit a maximum building depth of 31.48 m (103.28 ft), whereas the By-law permits a maximum building depth of 16.8 m (55.12 ft). This represents an increase of approximately 14.68 m (48.16ft). Building depth is measured based on the shortest distance between two lines, both parallel to the front lot line, one passing though the point on the dwelling which is the nearest and the other through the point on the dwelling which is the farthest from the front lot line. The applicant is also requesting relief to permit a minimum rear yard setback of 14.85 ft (4.53 m), whereas the By-law requires a minimum front yard setback of 30 ft (9.1 m). This represents a reduction of approximately 15.15 ft (4.62 m).

Staff note that the extent of the variance for building depth is required because the proposed addition is attached to the existing dwelling by a link and therefore the entire building mass is considered the main house from a zoning perspective. As the existing dwelling and addition will be perceived as

discrete elements, the visual impact of the increased building depth relative to existing permissions will be mitigated.

Staff also note that the addition has been programmed to reduce overlook and privacy concerns for adjacent property owners, notably 4 Leahill Drive. Those spaces most frequently used and/or those that require larger windows have been placed along the south and east elevations of the addition where they are the farthest from adjacent dwellings. This includes the dwellings immediately to the east and west of the Subject Property at 90 and 84 John Street, respectively.

Lot configuration further mitigates the visual impact of the proposal despite its proximity to 4 Leahill Drive. The addition is sited adjacent to the side yard of this property where it is outside the primary site line of those enjoying amenity space within its rear yard. Mature plantings along the side yard of 4 Leahill Drive will further diminish visibility of the proposed addition. As such, it is the opinion of Staff that the variances for building depth and rear yard setback do not significantly alter the contextual relationship between the two properties.

From a heritage perspective, the proposed rear yard setback is supportable as it ensures that the addition does not visually compete with the diminutive character of the existing dwelling on the Property as seen from John Street. As the primary elevation of the heritage building fronts John Street, it is from this vantage point that Staff assess impact on both the heritage integrity of the Subject Property and the THCD more broadly. Were the addition to be sited closer to the existing dwelling, Staff are of the opinion that it would have an adverse visual impact on the Class 'A'-rated heritage resource owing to its height, thereby running counter to policy direction and guidance in the THCD Plan. Staff are also of the opinion that the siting and scale of the proposal has minimal visual impact on the heritage character of 4 Leahill Drive given the distance of the addition from Leahill Drive. As the primary elevation of this heritage building fronts Leahill Drive, it is from this vantage point that Staff assess the proposal's impact on heritage integrity.

It is, therefore, the position of Staff that the requested variances maintain the general intent and purpose of the Official Plan and Zoning by-law and are minor in nature.

Increase in Maximum Floor Area Ratio

The applicant is requesting relief to permit a floor area ratio of 44.73 percent, whereas the By-law permits a maximum floor area ratio ("MFAR") of 33 percent. Existing permissions for MFAR allow for a dwelling and integrated garage at a maximum size of 404 sq. m (4,343 sq ft.). The current proposal is for a dwelling and integrated garage of 545 sq. m (5,866 sq ft.)

Floor Area Ratio is a measure of the interior square footage of the dwelling as a percentage of the net lot area. It is, however, not a definitive measure of the mass of the dwelling. Variances are not being sought for building height, lot coverage, or side yard set back. It is the opinion of Staff that these measures are more instructive than MFAR in understanding the scale and massing of a proposal. As such, it is the opinion of Staff that the proposal is appropriately scaled in relation to the on-site heritage resource (i.e. does not diminish its prominence as viewed from John Street). Staff also find that the proposal is appropriately scaled relative to adjacent dwellings and maintains a harmonious streetscape. The requested variance, therefore, maintains the general intent and purpose of the Official Plan and Zoning by-law and is minor in nature.

Staff/Agency Comments

Heritage Markham Committee

The applicant attended the Heritage Markham Committee several times and made a number of modifications to the proposal to satisfy the Committee's concerns. The owner of 4 Leahill Drive and/or their representative also appeared before the Committee in opposition to the proposal. Heritage Markham considered the application at its meeting on April 10, 2024 and had no objection to the requested variances. Refer to Appendix "B" for a copy of the meeting extract. Heritage Markham was also aware that this proposal would involve the removal the existing garage and delegated the future review of any demolition permit to Heritage Staff.

Urban Design Staff

The City's Urban Design Section has no objection to the requested variances provided that the approval conditions within Appendix "A" are satisfied.

PUBLIC INPUT SUMMARY

Two written submissions were received as of October 2, 2024. It is noted that additional information may be received after the writing of the report, and the Secretary-Treasurer will provide information on this at the meeting.

CONCLUSION

Staff have reviewed the application with respect to Section 45(1) of <u>The Planning Act</u>, R.S.O. 1990, c. P.13, as amended, and are of the opinion that the variance request meets the four tests of the Planning Act and have no objection from a land-use planning or heritage perspective. Staff recommend that the Committee consider public input in reaching a decision.

The onus is ultimately on the applicant to demonstrate why they should be granted relief from the requirements of the zoning by-law, and how they satisfy the tests of the Planning Act required for the granting of minor variances.

Please refer to Appendix "A" for conditions to be attached to any approval of this application.

PREPARED BY:

Evan Manning, Senior Heritage Planner

REVIEWED BY:

Apitcheron

Regan Hutcheson, Manager, Heritage Planning

APPENDIX "A" CONDITIONS TO BE ATTACHED TO ANY APPROVAL OF FILE A/106/23

- 1. The variances apply only to the proposed development for as long as it remains.
- 2. That the variances apply only to the subject development, in substantial conformity with the plan(s) appended to this Staff Report, and that the Secretary-Treasurer receive written confirmation from the Supervisor of the Committee of Adjustment or designate that this condition has been fulfilled to his or her satisfaction.
- Submission of a Tree Assessment and Preservation Plan, prepared by a qualified arborist in accordance with the City's Trees for Tomorrow Streetscape Manual, to the satisfaction of the Director of Planning and Urban Design, or their designate, through the future Major Heritage Permit Approval process.
- 4. That tree replacements be provided and/or tree replacement fees be paid to the City where required, in accordance with the City's Trees for Tomorrow Streetscape Manual and Accepted Tree Assessment and Preservation Plan, through the future Major Heritage Permit Approval process.
- 5. That prior to the commencement of construction, demolition and/or issuance of building permit, tree protection be erected and maintained around all trees on site, including City of Markham street trees, in accordance with the City's Trees for Tomorrow Streetscape Manual, Accepted Tree Assessment and Preservation Plan, and conditions of the Major Heritage Permit, to be inspected by City staff to the satisfaction of the Director of Planning and Urban Design, or their designate.
- 6. That vegetative screening be planted adjacent to the north elevation of the addition to the satisfaction of the Director of Planning and Urban Design, or their designate, through the Major Heritage Permit Approval process.
- 7. That a 6ft privacy fence be erected along the rear property line to the satisfaction of the Director of Planning and Urban Design, or their designate, through the Major Heritage Permit Approval process.

CONDITIONS PREPARED BY:

Evan Manning, Senior Heritage Planner

HERITAGE MARKHAM EXTRACT

Date: April 26, 2024

To: R. Hutcheson, Manager of Heritage Planning E. Manning, Senior Heritage Planner

EXTRACT CONTAINING ITEM # 6.2 OF THE FOURTH HERITAGE MARKHAM COMMITTEE MEETING HELD ON April 10, 2024

6. **PART FOUR - REGULAR**

6.2 COMMITTEE OF ADJUSTMENT VARIANCE APPLICATION

PROPOSED REAR ADDITION WITH INTEGRATED GARAGE 86 JOHN STREET, THORNHILL (16.11)

File Numbers: A/106/23

Evan Manning, Senior Heritage Planner, introduced this item, reminding members that this has been before the Committee twice previously. Mr. Manning advised that since this item was last before the Committee, the application has been revised in a number of ways. Mr. Manning provided an overview of the revisions to the application and advised that Staff feel that the Applicant has, in good faith, attempted to respond to concerns raised by the Committee.

Darryl Simmons, deputant and Owner, explained that they are seeking to expand their living space as they wish to provide an accessible living space for an elderly family member and eventually for others in the family. Mr. Simmons noted that they have worked diligently to protect the trees on their property and have considered this through the application and revisions.

Francis Lapointe, deputant and architect, Lapointe Architects, representing the adjacent owner at 4 Leahill Drive, expressed opposition to the application, regardless of the view of the addition from the street or sidewalk. Mr. Lapointe noted that there are homes behind and next to this property and stressed the importance of adhering to the guidelines in the Thornhill Heritage Conservation District Plan regarding the scale and siting of additions. Mr. Lapointe expressed concerns with the proximity of the addition to 4 Leahill Drive. Mr. Lapointe expressed concern that the addition would not conform with the building code, noting that laundry facilities are not available to each unit. Mr. Lapointe

also provided a written submission summarizing the identified issues and concerns.

Valerie Burke, deputant, expressed support for the application being further revised, noting continued concern with the massing and height of the addition. Ms. Burke indicated concern about the three mature trees which would be removed to build the addition and the possibility that other trees on the property could be damaged during construction

Evelin Ellison, deputant, expressed appreciation for the efforts of the Owner in returning to the Heritage Committee, but expressed continued concerns with the application and the size of the proposed addition. Ms. Ellison expressed concern that the Owner of 86 John Street was not adhering to the conditions of the Heritage Easement Agreement (HEA) in relation to proper maintenance of the existing detached garage.

Regan Hutcheson, Manager, Heritage, commented that monitoring HEAs are handled in different ways depending on if the Owner is taking part in the tax rebate program in which case photos would be reviewed every two years to ensure that the conditions of the HEA are being complied with. In this case, the existing garage noted in the HEA is proposed to be removed.

Darryl Simmons responded that the garage has been greatly improved once signing the HEA, acknowledging that the garage was not in good condition when they purchased the home. Mr. Simmons confirmed that they have not taken part in the property tax rebate program.

Scott Rushlow, designer, noted that the brief from the client was to create three separate suites. Mr. Rushlow advised that the proper siting and massing of the addition relative to the existing heritage building were paramount considerations and that concerns from the Committee were taken into account and incorporated into the revised proposal, noting that the building was also pulled back from the rear property line to reduce visual impact and address the concerns of the Owner of 4 Leahill Drive. Mr. Rushlow advised that the building depth and length of the link were also reduced and expressed his opinion that the Applicant has taken steps in good faith to address community concerns.

The Committee provided the following feedback:

- Thanked the Applicant for making some changes to the application.
- Requested a Staff response to the report submitted by Francis Lapointe. Mr. Manning responded that from a massing perspective, the proposed addition is optimal in its siting. Mr. Manning noted that items outlined in

Mr. Lapointe's report are guidelines rather than policies within the District Plan and Staff consider them on a case-by-case basis. Mr. Manning expressed Staff's view that the addition being brought closer to the existing building would cause visual confusion between the heritage building and the addition, noting a preference for separation between the two volumes. Mr. Manning also noted that privacy issues are land use issues which are more appropriately dealt with through the Committee of Adjustment but observed that the rear yard of 4 Leahill Drive is quite vegetated.

- Questioned the addition's visibility from the street, asking if there is a rendering which shows the visibility from Leahill Drive. Mr. Manning explained that the visibility from John Street has been considered a higher priority as John Street is one of the primary streets within the District.
- Asked if the configuration suggested by Mr. Lapointe could be adopted. Mr. Manning confirmed that any configuration which brings the addition closer to the heritage resource would be considered less desirable by Heritage Section Staff as it would diminish the prominence of the heritage building as viewed from John Street.
- Asked if the application has gone to the Committee of Adjustment at this point. Mr. Manning confirmed that the application has not gone to the Committee of Adjustment as the Applicant and Staff are first seeking Heritage Markham support before proceeding.
- Expressed that Heritage Markham's decision could be influenced by what the Committee of Adjustment is willing to allow.
- Asked if the size of the garage could be reduced to provide more of a setback. Mr. Rushlow noted that one of the Owners requests was for a large garage to accommodate vehicles and yard maintenance equipment, adding that the Owners were willing to concede a four-car garage.
- Sought clarification on the original length of the link. Mr. Rushlow advised that the link was originally 25 ft. and was reduced by 8 ft.

Recommendations:

THAT Heritage Markham has no objection from a heritage perspective to the revised proposal for 86 John Street including the requested variance to permit:

• a building depth of 31.48 metres; whereas the By-law allows a maximum building depth of 16.8 metres;

- a rear yard setback of 14.85 feet; whereas the By-law requires a minimum rear yard setback of 30 feet;
- a floor area ratio of 44.73%; whereas the By-law allows for a maximum floor area ratio of 33%

AND THAT the written submission from Francis Lapointe be received.

AND THAT the deputations from Darryl Simmons, Francis Lapointe, Valerie Burke, Evelin Ellison, and Scott Rushlow be received.

AND FURTHER THAT future review of a Major Heritage Permit application, and any other application required to enable the proposed development including a demolition permit application for the garage, be delegated to Heritage Section staff should the design be substantially in accordance with the drawings as appended to this memo.

Carried

APPENDIX "C" LOCATION MAP AND AERIAL IMAGE OF THE SUBJECT PROPERTY



Property map showing the location of the Subject Property [outlined in blue] (Source: City of Markham)



Aerial image looking north towards the Subject Property showing the dense tree cover typical of the District (Source: Google Earth)

APPENDIX "D" IMAGES OF THE SUBJECT PROPERTY



The south (primary) elevation of heritage dwelling on the Subject Property (Source: Google)



Rear Garage. Note that the maple tree shown above has since been removed (Source: Heritage Section Photo Collection)



Existing garage, 2020 (Heritage Section Photo Collection)

APPENDIX "E" RENDERING OF THE PROPOSED ADDITION



Rendering of the proposed addition as seen from John Street (Source: Applicant)

APPENDIX "F" DRAWINGS All construction to comply with these plans and specifications and to the Ontario Building Code (current edition) and to all other applicable codes and authorities having jurisdiction. These requirements are to be considered minimum standard.

TRUSS ROOF CONSTRUCTION

Pre-Finished Aluminum roof sheathing (Install as per manufacturers specifications / as per elevations). 1/2" spruce ply exterior sheathing with "H" clips. Approved pre-engineered wood trusses @ 1'-4" o/c. max. (trusses to be installed as per manufacturers specifications) Approved eaves protection to extend 3'-0" from edge of roof and min, 1'-0" beyond inner face of exterior wall. Pre-finished aluminum eaves-through, fascia (as per elevations), vented soffit and RWL. Attic ventilation 1:300 of insulated ceiling with 50% at eaves. Roof insulation min. R-31 batt insulation and approved vapour barrier at sloped ceilings c/w min. 3" air space between u/s deck and top of insulation. Attic insulation R-60 and approved vapour barrier. 5/8" int. drywall finish or approved equal.

CONVENTIONAL ROOF CONSTRUCTION $\langle 1B \rangle$

Min. No. #300 Asphalt shingles (as per elevations). 1/2" spruce ply exterior sheathing. Min. 2" x spruce rafters @ 1'-4" o/c. (see plan for rafter size). Approved eaves protection to extend 3'-0" from edge of roof and min 1'-0" beyond inner face of exterior wall. Pre-finished aluminum eaves-through, fascia (as per elevations), vented soffit, and RWL. Attic ventilation 1:300 of insulated ceiling with 50% at eaves. (pre-finished aluminum ridge vent at sloped ceiling as required). Roof insulation min. Site Installed R-31 spray foam insulation and approved vapour barrier at sloped ceilings. 1/2" int drywall finish or approved equal. Horizontal ceiling as required 2" x spruce ceiling joists @ 1'-4" o/c. (see plan for ceiling joist size and connection details). Flat ceiling insulation, min. R-60 batt insulation and approved vapour barrier. 1/2" int drywall finish or approved equal.

Existing Wall, Floor, Ceiling or Roof structure to remain. Contractor to refurbish existing structural components, $\langle 2A \rangle$ as required, to maintain the original performance level. (Modify as per plan)

Existing walls to be removed. Contractor to provide temporary bracing as required prior to demolition

FRAME WALL CONSTRUCTION (2"x6")

 $\langle 2B \rangle$

Exterior siding or other as per elevations. (horizontal wood siding c/w 1"x3"vertical spruce strapping @ 1'-4" o/c, vertical wood siding c/w 1"x3" horizontal spruce strapping @ 2'-0" o/c). 1" Thk (R5) Extruded Polystyrene Insulation. Typar air barrier or equal c/w pre-finished aluminum drip at siding/foundation wall junction (typ.). 1/2" spruce ply exterior sheathing. 2"x6" spruce studs @ 1'-4" o/c. (provide- 2"x6" plates: 2-top, 1 bottom). R-19 batt insulation and approved vapour barrier. 1/2" drywall finish or approved equal. NOTE; For two story volume spaces from 10'-0" to 18'-0" max. high walls provide 2-2"x6" spruce studs @ 1'-4" o/c., c/w 1/2" spruce ply sheathing. Provide 2'x6" solid wood blocking @ 4'-o" o/c vertically. NOTE; Omit 3/4" thick spruce strapping where vinyl siding is used.

FRAME WALL CONSTRUCTION (2"x4")

Exterior siding or other as per elevations. (horizontal wood siding c/w 1"x3"vertical spruce strapping @ 1'-4" o/c, vertical wood siding c/w 1"x3" horizontal spruce strapping @ 2'-0" o/c). Approved sheathing paper c/w pre-finished aluminum drip at siding/foundation wall junction. 1/2" spruce ply exterior sheathing. 2"x4" spruce studs @ 1"-4" o/c. (provide 2"x4" plates; 2-top, 1 bottom).

" MASONARY VENEER CONSTRUCTION (2"x6")

4" masonary veneer (as per elevations). 1" air space. 7/8"x7"x0.03" galvanized metal ties @ 1'-4" o/c horizontal and 2'-O" o/c vertical. Typar air barrier c/w bottom course flashing up min 6" behind air barrier. Provide weep holes @ 2'-8" o/c. bottom course and over openings. 1/2" spruce ply exterior sheathing. 2"x6" spruce studs @ 1'-4" o/c.

(provide 2"x6" plates; 2-top, 1-bottom). R-24 batt in
or approved equal. NOTE; For two story volume spa
spruce studs @ 1'-0" o/c., c/w 1/2" spruce ply sheath
vertically.

2F4" MASONARY VENEER CONSTRUCTION (2"x4")

> 4" masonary veneer (as per elevations). 1" air space. 7/8"x7"x0.03" galvanized metal ties @ 1'-4" o/c horizontal and 2"-0" o/c vertical. Approved sheathing paper c/w bottom course flashing up min. 6" behind sheathing paper. Provide weep holes @ 2'-8" o/c bottom course and over openings. 1/2" spruce ply exterior sheathing. 2"x4" spruce studs @ 1'-4" o/c. (provide 2"x4" plates; 2-top, 1-bottom).

 $\langle 3A \rangle$ INTERIOR STUD BEARING PARTITIONS

> For bearing partitions 2"x4" spruce studs @ 1'-4" o/c for 2 storeys and 1'-0" o/c for 3 storeys. (provide 2"x4" plates; 2-top, 1-bottom, c/w 2"x4" spruce blocking @ 4'-0" o/c horizontal). 1/2" drywall finish each side. NOTE; 2"x6" spruce studs @ 1'-4" o/c partitions where noted on plan.

INTERIOR STUD NON-BEARING PARTITIONS

2"x4" spruce studs @ 1'-4" o/c. c/w. 1/2" drywall finish each side. Provide 2"x6" studs @ 1'-4" o/c. c/w. 1/2" drywall finish each side where noted plan. (for all partitions provide full width plates; 2-top, 1-bottom).

FOUNDATION WALL/FOOTING CONSTRUCTION-(see O.B.C. 9.15.3, and 9.15.4) Approved continous drainage layer. 2" Thk (R-10) Extruded Polystyrene Insulation. Bitumen damproofing. Continous poured concrete foundation wall (25Mpa) c/w Steel reinforcing as per note. (foundation plan for wall thickness). #15 felt building paper moisture barrier. 2"x4" spruce studs @ 1'-4" o/c floor to ceiling (bottom plate c/w damproofing material). R-12 batt insulation c/w approved poly vapour barrier. 2"x6" sill plate c/w 1/2" dia. x 8" long. Anchor bolts @ min 7'-10" o/c (foam gasket or caulking between sill plate and top of foundation wall. Use non-shrink grout to level sill plate when required). 8"thick continous strip, keyed concrete footing set on natural undisturbed soil or compacted engineered fill with min bearing capacity of 3000 psf. or greater. (see foundation plan for footing width). Footings c/w 2-15mm bar set in line with outside face of foundation wall above and up 2" from u/s of footing. 4" dia weeping tile set in min 8" layer crushed drain rock over and around weeping tile. NOTE: Foundation wall c/w 15mm bar @1'-4" o/c ea. way.

 $\langle 4B \rangle$

Continous poured concrete foundation wall (25Mpa) c/w Steel Reinforcing as per note. (see foundation plan for wall thickness). Granular fill as required on both sides of foundation wall, compacted as required. 8" thick continous strip concrete footing set on natural undisturbed soil or compacted engineered fill with min. bearing capacity of 3000 psf. or greater. (see foundation plan for footing width). Footing c/w 2-15 mm bar set in line with outside face of foundation wall above and up 2" from u/s of footing. Note: Foundation wall c/w 15m bar @ 1'-0" o/c ea. way.

BEAM POCKET or 12"x8" poured concrete nib walls. Min ⁵/₂" end bearing

STEP FOOTING CONSTRUCTION-(see O.B.C. 9.15.3.8)

Min horizontal step 2'-0". Max. vertical step 2'-0" for still soil and 1'-4" for sand and gravel. 4EINTERIOR WOOD FRAMED BEARING WALLS AT FOUNDATION

2"x10" spruce studs @ 1'-4" o/c. (provide 2"x10" plates; 2-top, 1-bottom, 2"x10" spruce blocking @ 4'-0" o/c horizontal). Stud wall set on 1 course 10" thick unit block masonary c/w 1/2" dia. x 8" long anchor bolts @ min 7'-10" o/c max. (Damproofing material between masonary and bottom plate. Fill block cavities with concrete). 8" thick x 1'-10" wide continous strip concrete concrete footing set on natural undisturbed or compacted engineered fill with min. bearing capacity of 3000 psf. Footing c/w 2-10mm bar set in line with outside face of block above abd up 2" from u/s footing.

	DRAWING SCHEDULE	
Notes	Construction Notes/Drawing Schedule	
SP1	Site Plan	
A1	Exterior Elevations	
A2	Exterior Elevations	
A ₃	Ground Floor Plan	
A4	Second Floor Plan	
A5	Lot Cross Section, South Perspective	
A6		
A7		
A8		
A9		
A10		

sultaion and approved vapour barrier. 1/2" drywall finish	
aces from 10'-0" to 18'-0" max. high walls provide 2-2"x6"	
ning. Provide 2"x6" solid wood blocking @ 4'-0" o/c	

FOUNDATION WALL/FOOTING CONSTRUCTION-(see O.B.C. 9.15.3, and 9.15.4)

 $\langle 4F \rangle$ 1"x3" spruce strapping on both sides of steel beam.

 $\left< \frac{5B}{5B} \right>$

⟨5A ⟩ SUBFLOOR, JOISTS, STRAPPING AND BRIDGING

Min. 3/4" T&G spruce ply subfloor. 2" x spruce floor joists as required. (see plan for joist size and spacing). (NOTE; For pre-engineered joist sytems install as per manufacturers specifications). Solid bridging @ 4'-o" o/c. max. All joists to be strapped with 1"x3" spruce @ 6'-11" o/c. unless a panel type ceiling finish is applied. Install approved meatl joist hangers as required. See Plan for SB-3 fire separation assembly Requirements . Absorbtive material to be 3.5" thk. rock slag mineral wool.

Exposed floor to exterior provide R-31 batt insulation and approved vapour barrier. Continuous air barrier, pre-finished aluminum soffit, unless otherwise noted on plan.

GENERAL NOTES

STRUCTURAL ENGINEER:

LUMBER:

roof framing to be designed and certified by truss manufacturer and Structural Engineer.

STRUCTURAL STEEL:

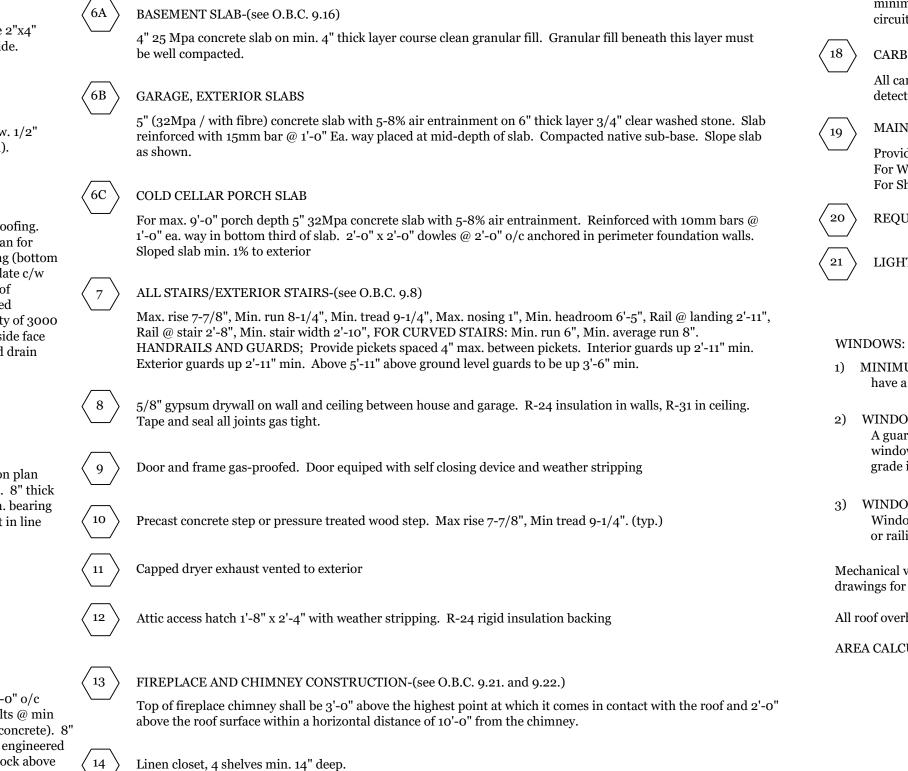
CONCRETE:

1) Cast in place concrete construction shall conform to the requirements of CSA Standard CAN3-A23.1-m84 2) All concrete shall have a minimum compressive strength of 25 Mpa at 28 days unless otherwise noted on plan. 3) Provide 5-8% air entrainment for all concrete exposed to exterior.

MASONARY:

2) All plain and reinforced masonary shall conform to CAN3-A165 Series-M85 for concrete masonary units, and CAN/CSA-A82.1-M87 for burned clay brick units

4) Mortar for all masonary walls shall be Type "S" as defined in CSA Standard A179-M1976. 5) Concrete block wall shall be reinforced horizontally with Standard Blok-Lok @ 1'-4" o/c vertically as per manufacturers specifications



Mechanical exhaust fan, vented to exterior, to provide 1 air change per hour.

EXPOSED BUILDING FACE-(see O.B.C. 9.10.14)

Exterior walls to have a fire resistance rating of not less than 45 min. where limiting distance less than 3'-11". Where the limiting distance is less than 1'-11" the exposing face shall be clad in non-combustable material. Max. percentage of unprotected openings as per Table O.B.C. 9.10.14.A.

SMOKE ALARM-(see O.B.C. 9.10.19.3)

All required smoke alarm and visual devices to be installed as per O.B.C. 9.10.19.3. Install minimum 1 alarm and visual device on each storey including basements and 1 alarm and visual device per sleeping area plus minimum 1 alarm and visual device per hallway servicing sleeping areas. Alarms to be connected to an electric circuit and interconnected to activate all alarms if 1 sounds.

CARBON MONOXIDE DETECTOR-(see O.B.C. 9.33.4)

All carbon monoxide detector alarm requirements to be installed as per O.B.C. 9.33.4.. Carbon monoxide detector alarms to be connected to an electric circuit and interconnected to activate all alarms if 1 sounds.

MAIN BATH SOLID BLOCKING REQUIREMENT (see O.B.C. 9.5.2.3)

Provide Solid wood blocking to accomodate future W/C and Shower support bars as per O.B.C. 9.5.2.3. For W/C grab bar blocking install as per O.B.C. 3.8.3.8(1) (d). For Shower grab bar blocking install as per O.B.C. 3.8.3.13. (1) (f)

 $\langle 20 \rangle$ REQUIRED EXIT SIGNS (see O.B.C. 9.9.10.)

21 LIGHTING (see O.B.C. 9.9.11.)

1) MINIMUM BEDROOM WINDOW-(see O.B.C. 9.7.1.3)At least one bedroom window on a given floor is to have a min. 0.35m2 unobstructed glazed or openable area with min. clear width 1'-3"

2) WINDOW GUARDS-(see O.B.C. 9.7.1.6. and 9.8.8.) A guard or a window with a maximum restricted opening width of 4" is required where the top of the window sill is located less than 1'-6" above fin. floor and the distance from the fin. floor to the adjacent grade is greater than 5'-11".

3) WINDOW IN EXIT STAIRWAYS-(see O.B.C. 9.7.5.2.) Windows in exit stairways that extend to less than 3'-6" above the landing shall be protected be barriers or railings located 3'-6" above such landings.

Mechanical ventilation is required to provide 0.3 air changes per hour averaged over 24 hours. See Mechanical drawings for all Heating, Ventilation, and Air-conditioning requirements

All roof overhangs to be 1'-4" unless otherwise noted on EXTERIOR ELEVATIONS

AREA CALCULATIONS:

CONTRACTOR MUST VERIFY ALL DRAWINGS, DETAILS, SPECIFICATIONS, AND JOB SITE DIMENSIONS AND REPORT ANY DISCREPANCIES TO DESIGNERS BEFORE PROCEEDING WITH THE WORK. ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF SCOTT RUSHLOW ASSOCIATES LTD.

1) All Footings, Columns, Beams, Floor Joists, Rafters, Lintels and Connections to be designed by a qualified Structural Engineer licenced in the Province of Ontario.

1) All lumber shall be spruce no.2 grade or better, unless otherwise noted.

2) Studs shall be stud grade spruce, unless otherwise noted

3) Lumber exposed to the exterior to be spruce no.2 or better, pressure treated or cedar, unless otherwise noted 4) All laminated veneer lumber (L.V.L.) beams, girder trusses, and metal hanger connections supporting floor and

5) All L.V.L beams shall be 2.0E WS Micro-lam L.V.L. (Fb=2800psi. min.) or better by WEYERHAEUSER. Built-up L.V.L. beams to be connected as per manufacturers specifications. T.J.I. joists shall denote wood "I" joists manufactured by WAYERHAEUSER. L.V.L. beams and T.J.I. joist framed to the side of another wood member shal be supported by approved metal hangers.

6) Wood framing not treated with a wood preservative, in contact with concrete shall be separated from the concrete by at least 2mil. Polyethylene film or other damproofing material, except where the wood member is at least 6" above the ground.

7) All lintels to be 2-2"x10" spruce c/w 2-2"x6" spruce posts each end unless otherwise noted on plan

1) All structural steel shall be fabricated and erected to the requirements of CSA Standard CAN₃-S16.1-M84

2) All structural steel shall be CSA G40.21-M-300 and 350W for H.S.S. Class H.

3) Welding shall conform to the requirements of CSA-W59, and shall be undertaken by a fabricator approved by the Canadian Welding Bureau to the requirements of W47 Canadian Welding Standard.

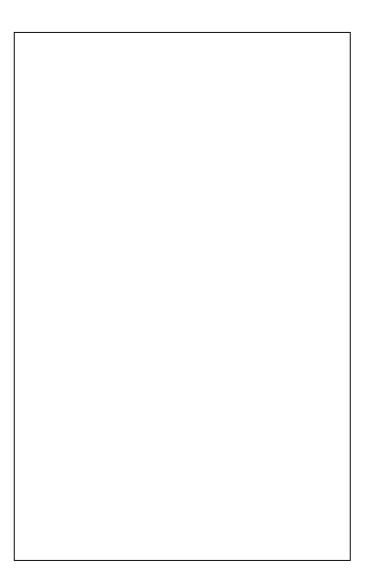
4) All reinforcing steel to be deformed bars conforming to CSA G30.12-M Grade 400.

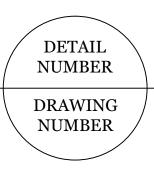
5) Cold weather concrete construction shall conform to CSA Standard CSA-A23.1-M84. Provide temporary enclosure and heating as required.

1) Masonary construction shall conform to CSA Standard CAN3-A371-M84.

3) All concrete blocks shall have a minimum ultimate compressive strength of 22 Mpa on net area.

6) Reinforced masonary shall be grouted with 20Mpa concrete, 3/8" aggregate (pea gravel) and 8" slump





Issued for Client Review	10 / 07 / 2023
Issued for Client Review	27 / 03 / 2024
Issued for Client Review	31 / 03 / 2024
	Issued for Client Review

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 be a designer

QUALIFICATION INFORMATION

Scott Rushlow 29726 NAME BCIN

SIGNATURE

REGISTRATION INFORMATION

Scott Rushlow Associates Ltd

35924 BCIN

SCOTT RUSHLOW

associates Ltd

111-111 Upper Duke Cres Markham ON L6G 0C8 905 852 5595

PROJECT

FIRM

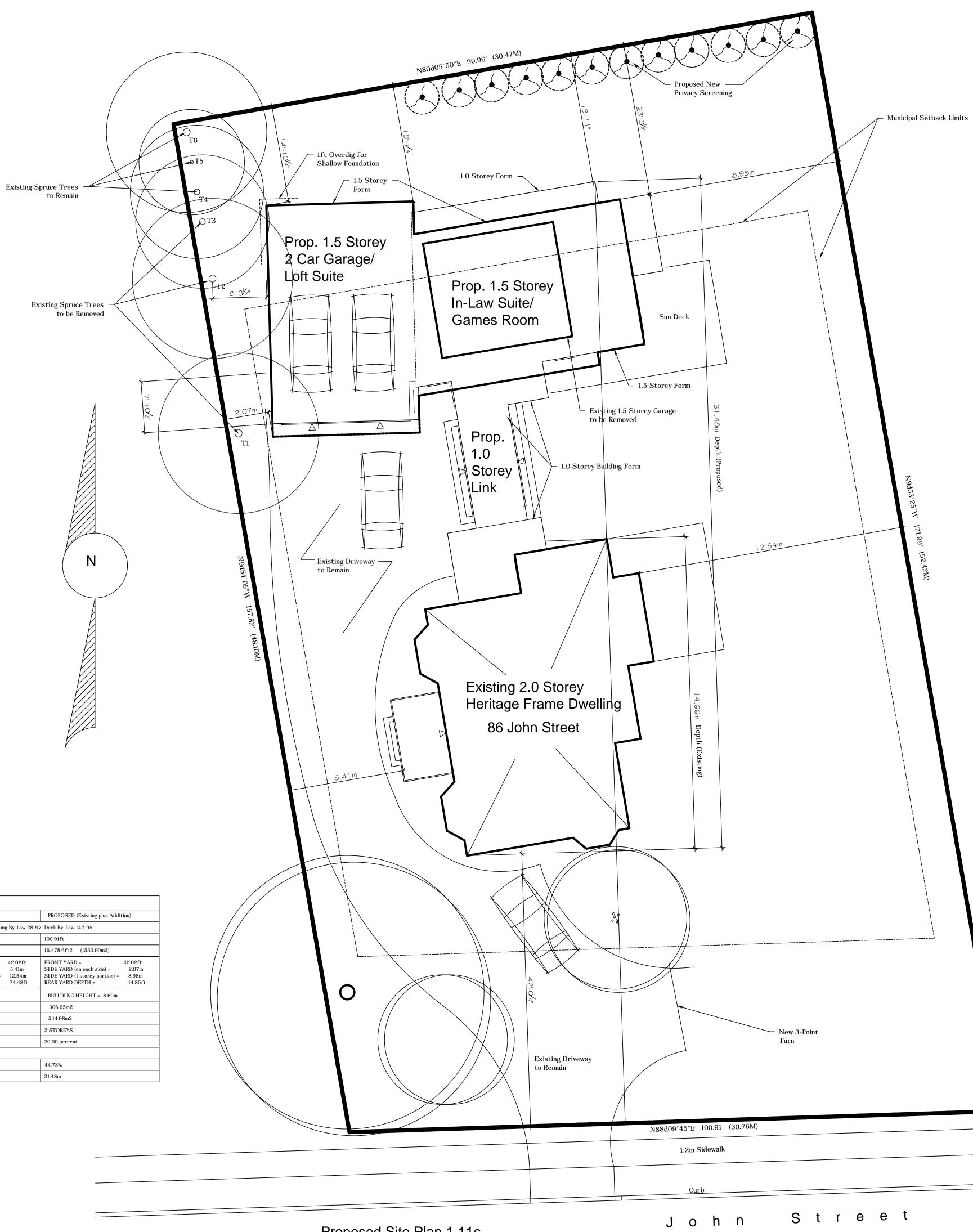
Capelli / Simmons Residence 86 John Street

Markham, Ontario (Part of Lot 30, Concession 1)

DRAWING TITLE

Drawing Schedule **Construction Notes** Plot Plan

_			
	Scale:	1/4"=1'-0"	DRAWING NO.
	Date:	Mar. 31, 2024	
	Job No.		Notes
	Drawn By:	S.R.	
	Checked By:		

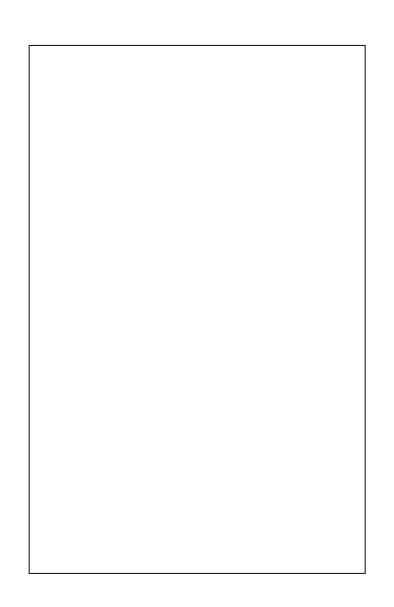


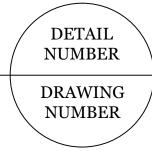
Tree Schedule

TREE NUMBER	CALI PER (Dia.)	Min Tree Protection Zone	
T1	0.54m	3.6m	
T2	0.51m	3.6m	
Т3	0.43m	3.0m	
T4	0.41m	3.0m	
T5	0.24m	2.4m	
T6	0.52m	3.6m	

Site Statistics

Che Clanolice			
	BY-LAW	EXISTING	PROPOSED (Existing plus Addition)
1. ZONI NG	R2-Second Density Single Family Residential under By-Law 2237 as amended, Parking By-Law 28-97, Deck By-Law 142-95		
3. LOT FRONTAGE (min)	60.0 ft	100.91ft	100.91ft
2. LOT AREA (min)	9,750.0ft2	16,478.6ft2 (1530.90m2)	16,478.6ft2 (1530.90m2)
4. SETBACKS (min)	FRONT YARD =27.0ftSIDE YARD (on each side) =1.8mSIDE YARD (1 storey portion) =1.2mREAR YARD =30.0ft	FRONT YARD =42.02ftSIDE YARD (on each side) =5.41mSIDE YARD (1 storey portion) =12.54mREAR YARD DEPTH =74.48ft	FRONT YARD =42.02ftSIDE YARD (on each side) =2.07mSIDE YARD (1 storey portion) =8.98mREAR YARD DEPTH =14.85ft
5. BUI LDI NG HEI GHT (max)	9.8m	BUILDING HEIGHT = 8.60m	BUILDING HEIGHT = 8.69m
6. BUI LDI NG AREA	N/A	117.20m2	306.65m2
6. GROSS BUILDING AREA	402.06m2	204.06m2	544.98m2
7. NUM. OF STOREYS (max)	2 STOREYS	2 STOREYS	2 STOREYS
8. LOT COVERAGE (max)	33-1/3 percent	7.71 percent	20.00 percent
9. NET LOT AREA:	9,750ft2 + [(16,478.6ft2 - 9,750ft2) / 2] = 13,114.3 ft2 Net Lot Area		
10. FLOOR AREA RATIO (max)) 33% of NET LOT AREA = 4,327.72ft2 (max) 402.06m2 (max) 44.73%		44.73%
11. DEPTH (max)	16.8m 2 Storey / 18.9m with Conditions)	14.66m	31.48m





3	Issued for Client Review	31 / 03 / 2024
2	Issued for Client Review	27 / 03 / 2024
1	Issued for Client Review	12 / 10 / 2023

Description

Date

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QUALIFICATION INFORMATION

Scott Rushlow NAME 29726 BCIN SIGNATURE

REGISTRATION INFORMATION

Scott Rushlow Associates Ltd 35924 BCIN

SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G oC8 905 852 5595

PROJECT

FIRM

No.

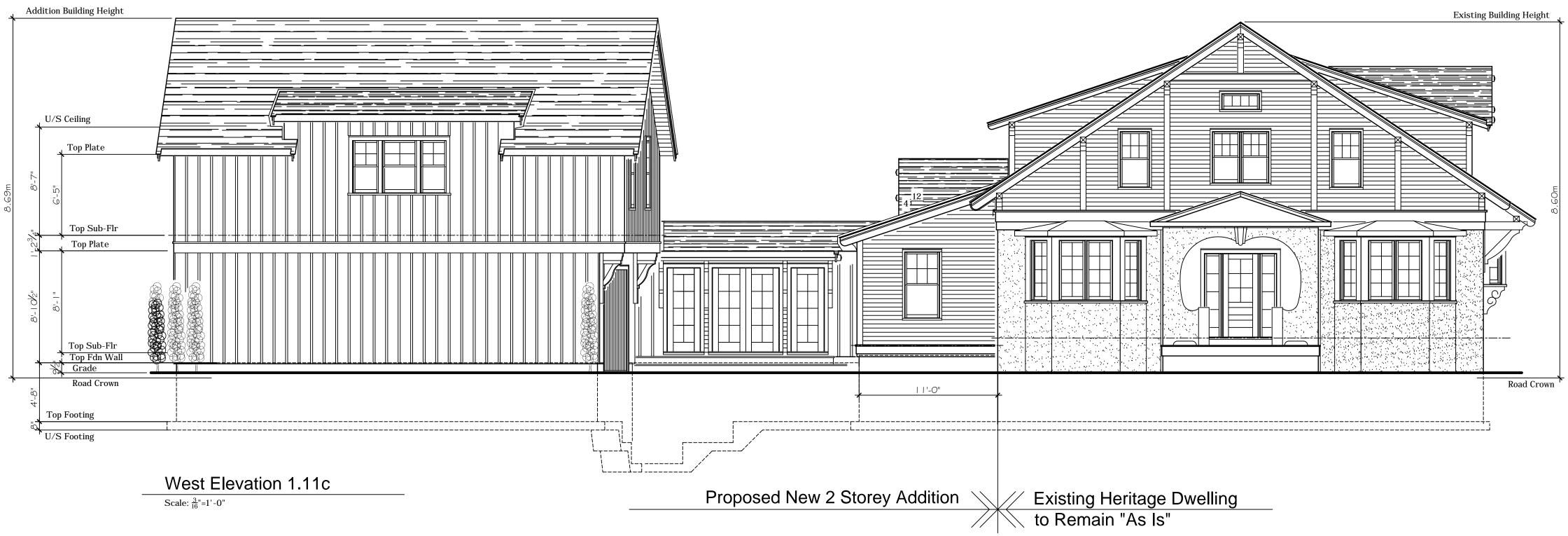
Capelli / Simmons Residence 86 John Street Markham, Ontario

(Part of Lot 30, Concession 1)

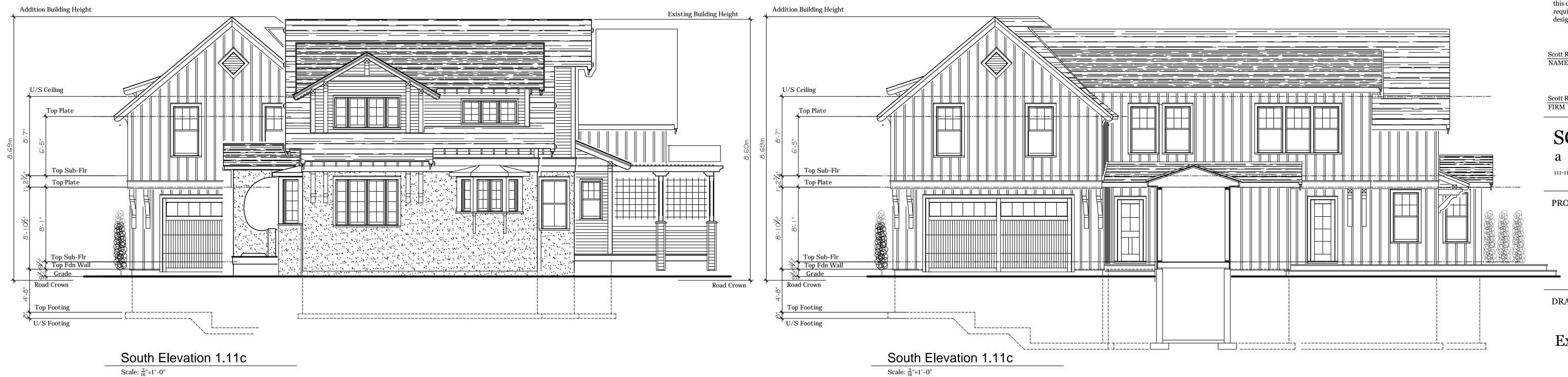
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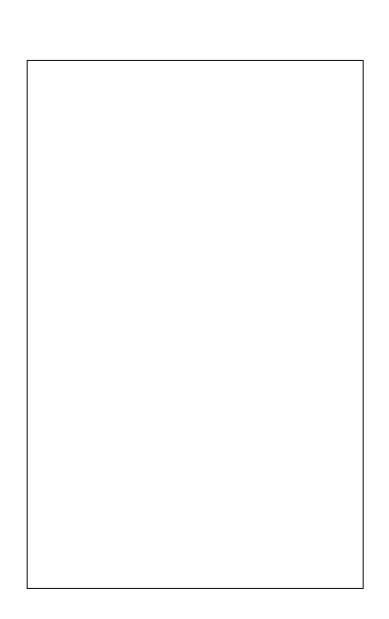
Site Plan

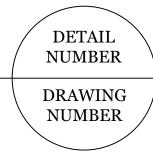
Scale:	1:100	DRAWING NO.
Date:	Mar. 31, 2024	
Job No.		CD
Drawn By:	S.R.	SI
Checked By:		











3	Issued for Client Review	31 / 03 / 2024
2	Issued for Client Review	27 / 03 / 2024
1	Issued for Client Review	12 / 10 / 2023

Date

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Description

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Scott Rushlow NAME 29726 BCIN SIGNATURE

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SCOTT RUSHLOW associates Ltd

111-111 Upper Duke Cres Markham ON L6G 0C8 905 852 5595

PROJECT

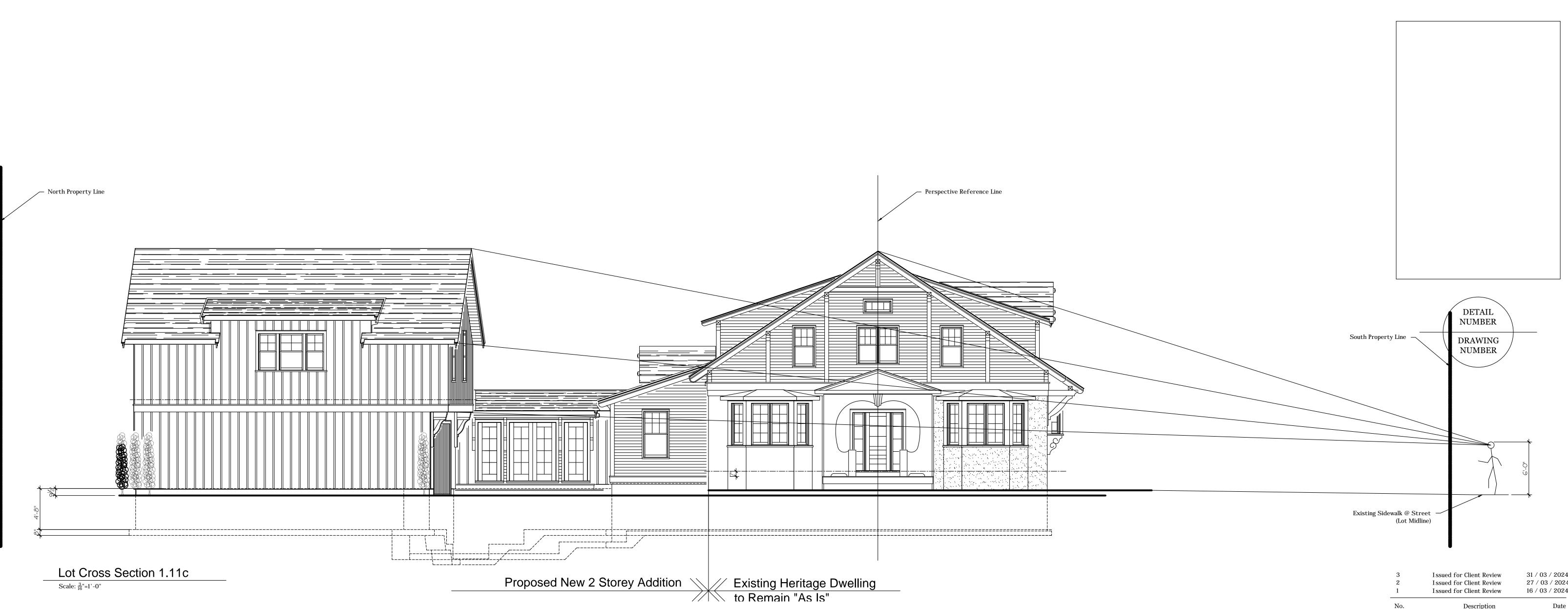
Capelli / Simmons Residence 86 John Street Markham, Ontario

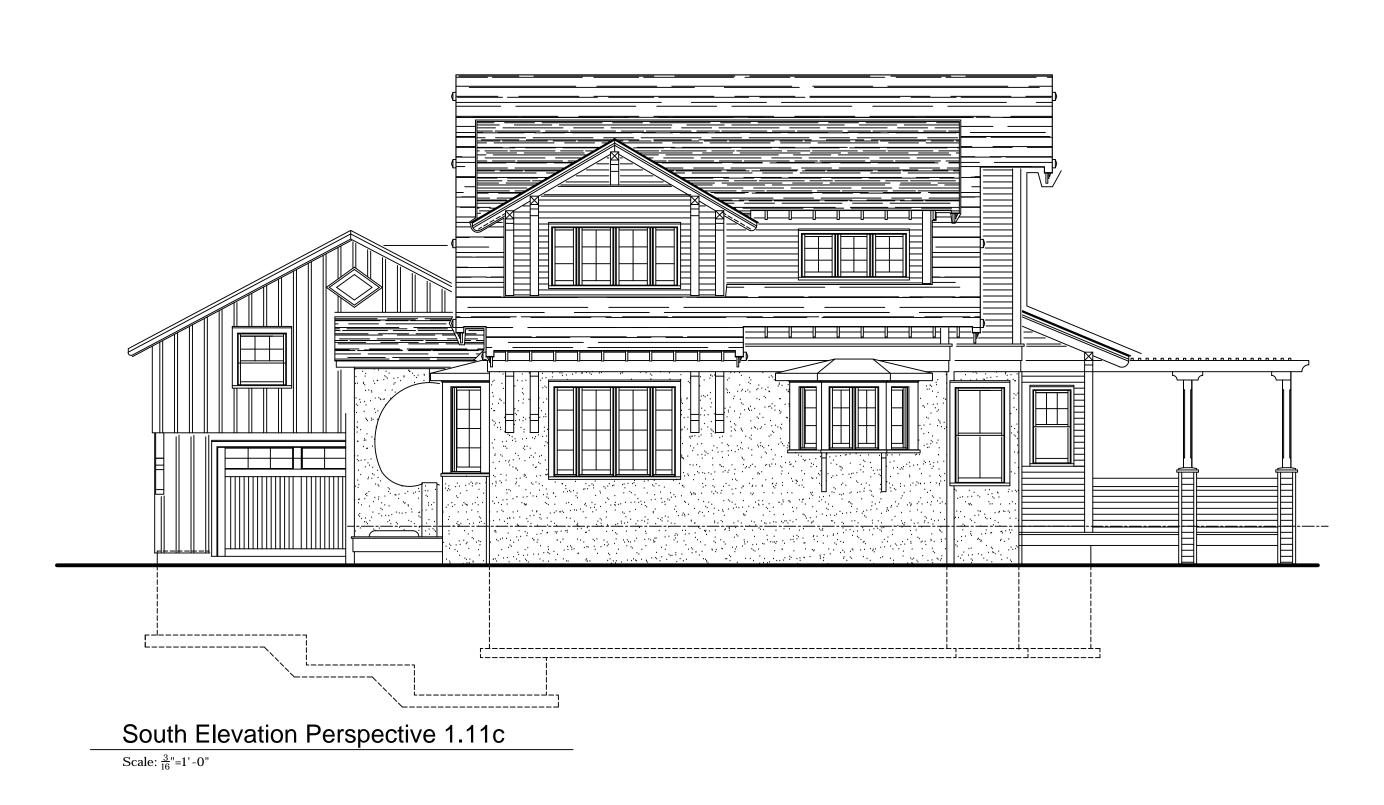
(Part of Lot 30, Concession 1)

DRAWING TITLE

Exterior Elevations 1.11c

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Mar. 31, 2024	
Job No.		Δ1
Drawn By:	S.R.	
Checked By:		





Issued for Client Review	31 / 03 / 2024
Issued for Client Review	27 / 03 / 2024
Issued for Client Review	16 / 03 / 2024
	Issued for Client Review

Description

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QUALIFICATION INFORMATION

Scott Rushlow NAME 29726 BCIN SIGNATURE

REGISTRATION INFORMATION

Scott Rushlow Associates Ltd 35924 BCIN

SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G 0C8 905 852 5595

PROJECT

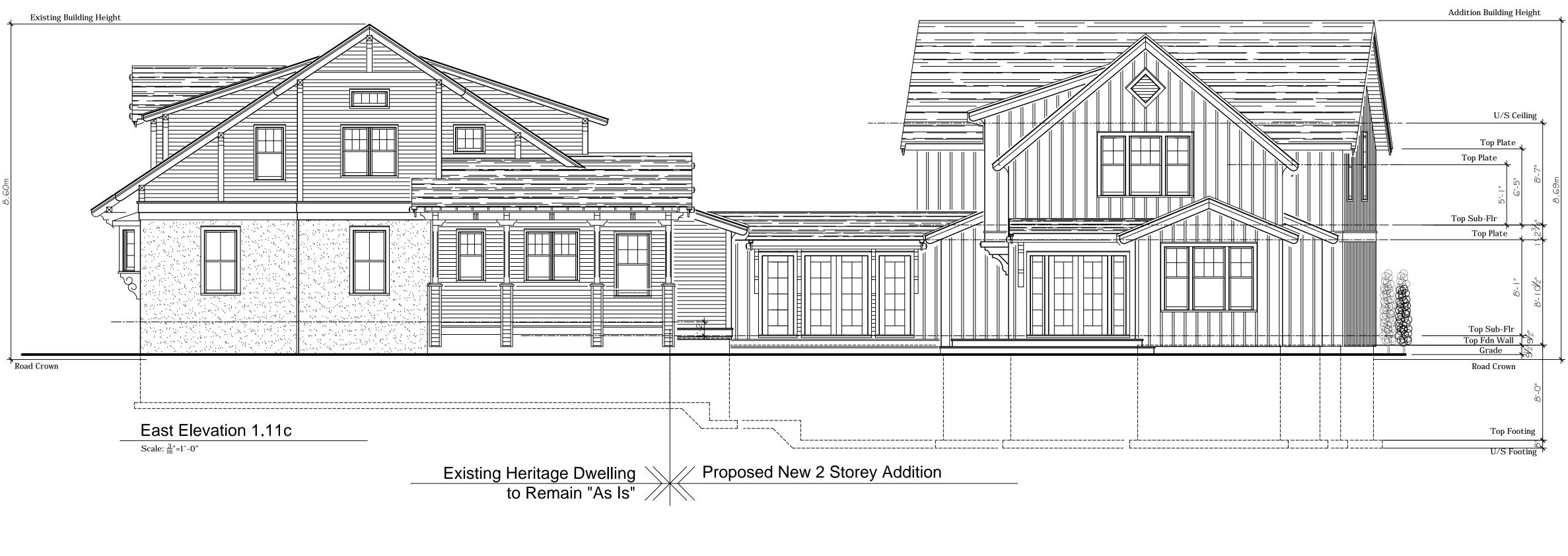
FIRM

Capelli / Simmons Residence 86 John Street Markham, Ontario (Part of Lot 30, Concession 1)

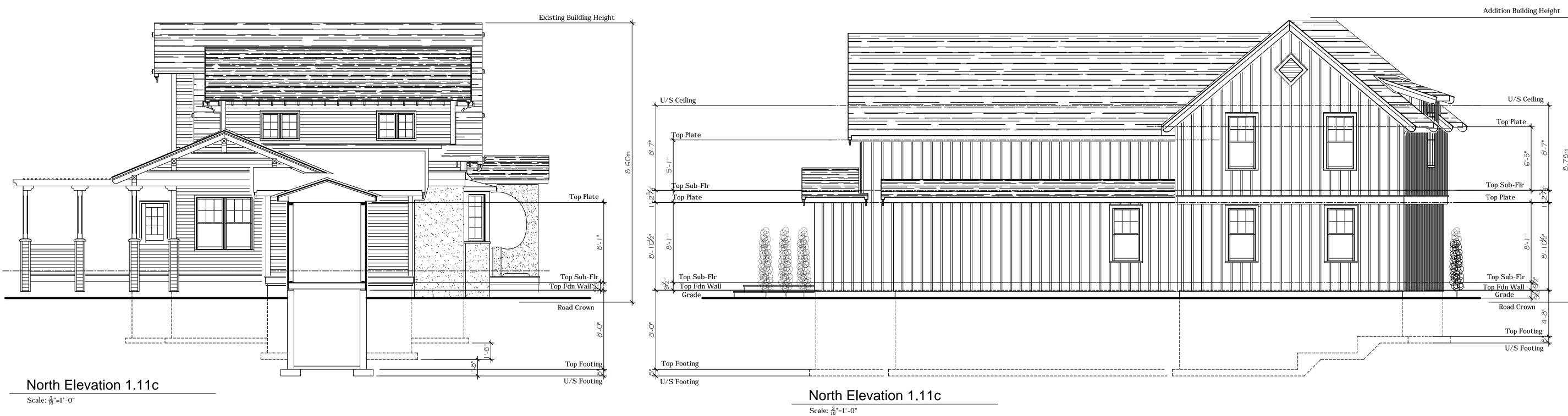
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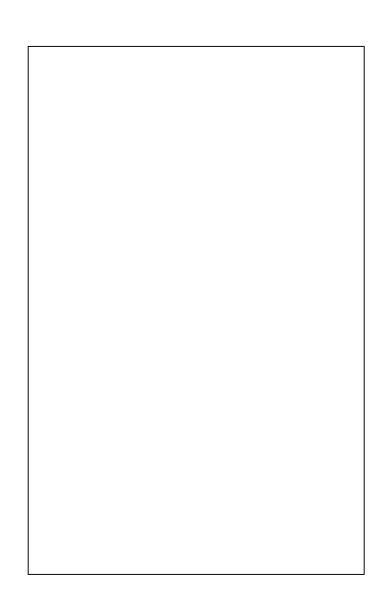
Lot Cross Section 1.11c South Perspective 1.11c

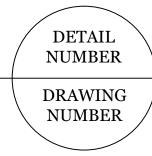
Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Mar. 31, 2024	
Job No.		
Drawn By:	S.R.	A 2
Checked By:		











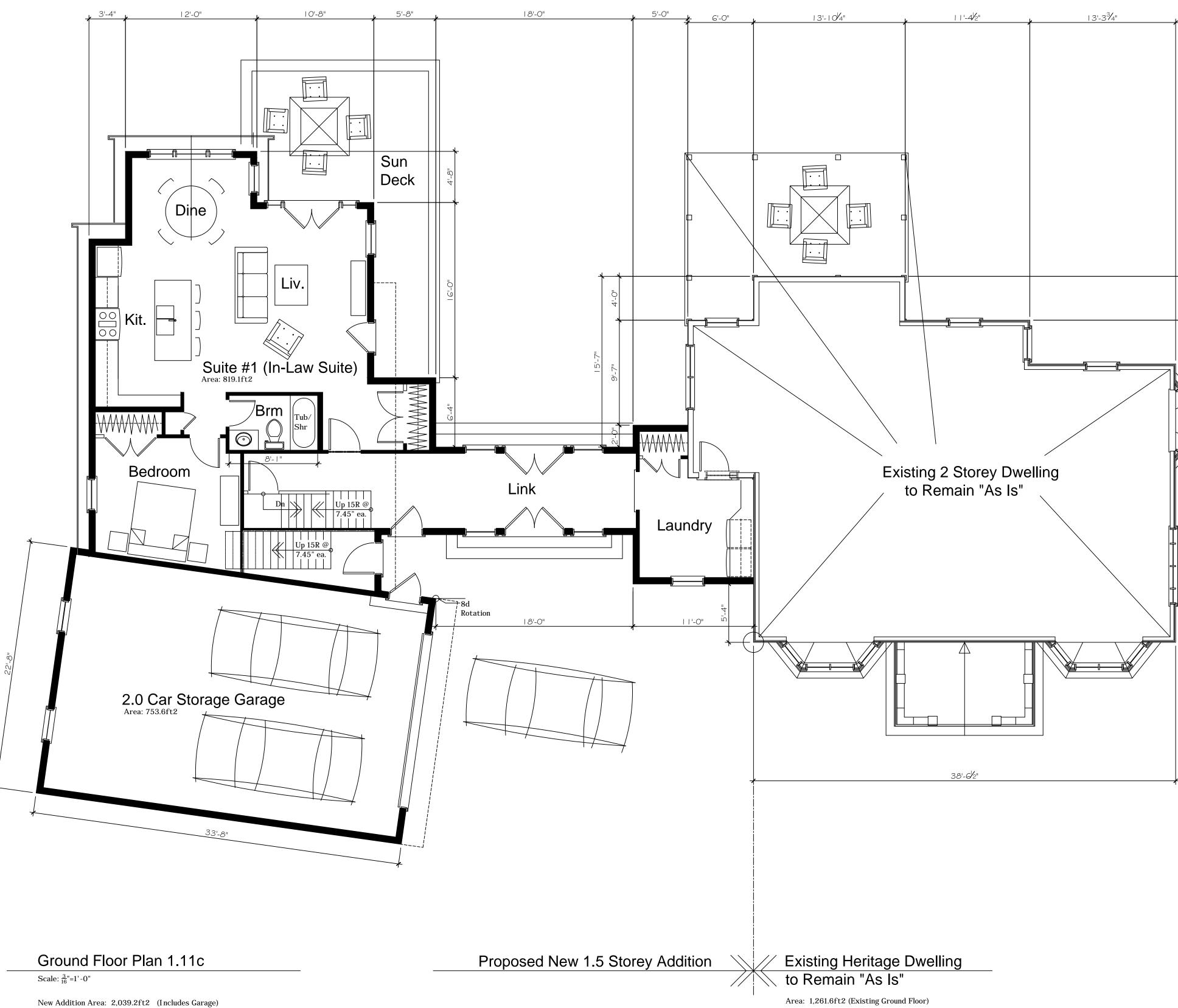
	Issued for Client Review	31 / 03 / 2024	
2	I ssued for Client Review 27 / 03 / 20		
1	I ssued for Client Review12 / 10 / 2		
No.	Description		
this dea	dersigned has reviewed and takes sign, and has the qualifications and ements set out in the Ontario Build er	l meets the	
	QUALIFICATION INFOR	MATION	
Scott Ru	shlow	29726	
NAME	SIGNATURE	BCIN	
SCOTT R110	shlow Associates 1 td	25024	
FIRM	shlow Associates Ltd	35924 BCIN	
FIRM SC a s	COTT RUSH s o c i a t e s Upper Duke Cres Markham ON L6G	BCIN Ltd	
FIRM SC a s	COTT RUSH sociates Upper Duke Cres Markham ON L6G ECT	BCIN LOW Ltd 0C8 905 852 5595	
FIRM SC a s	COTT RUSH sociates Upper Duke Cres Markham ON L6G	BCIN LOW Ltd 0C8 905 852 5595	

Residence 86 John Street Markham, Ontario (Part of Lot 30, Concession 1)

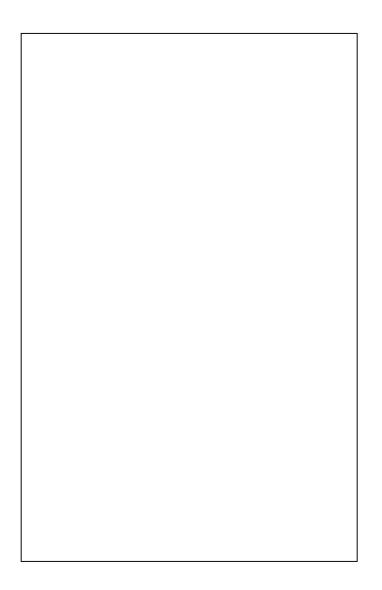
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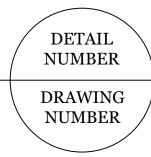
Exterior Elevations 1.11c

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Mar. 31, 2024	
Job No.		ΔΩ
Drawn By:	S.R.	$\Lambda 2$
Checked By:		



Total Project Area: (New and Exist) Area: 5,866.2ft2 (Includes Garage)





3	Issued for Client Review	31 / 03 / 2024
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1	Issued for Client Review	12 / 10 / 2023
No.	Description	Date

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QUALIFICATION INFORMATION

Scott Rushlow NAME 29726 BCIN SIGNATURE

REGISTRATION INFORMATION

Scott Rushlow Associates Ltd 35924 BCIN FIRM

SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G oC8 905 852 5595

PROJECT

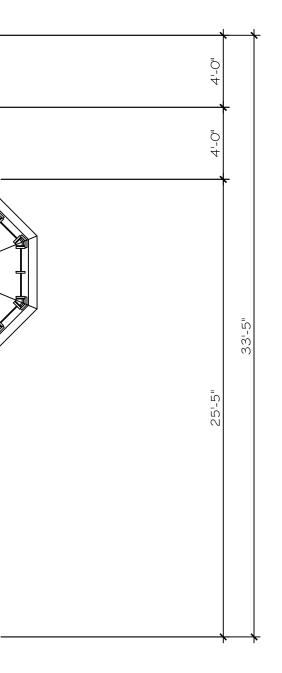
Capelli / Simmons Residence 86 John Street Markham, Ontario

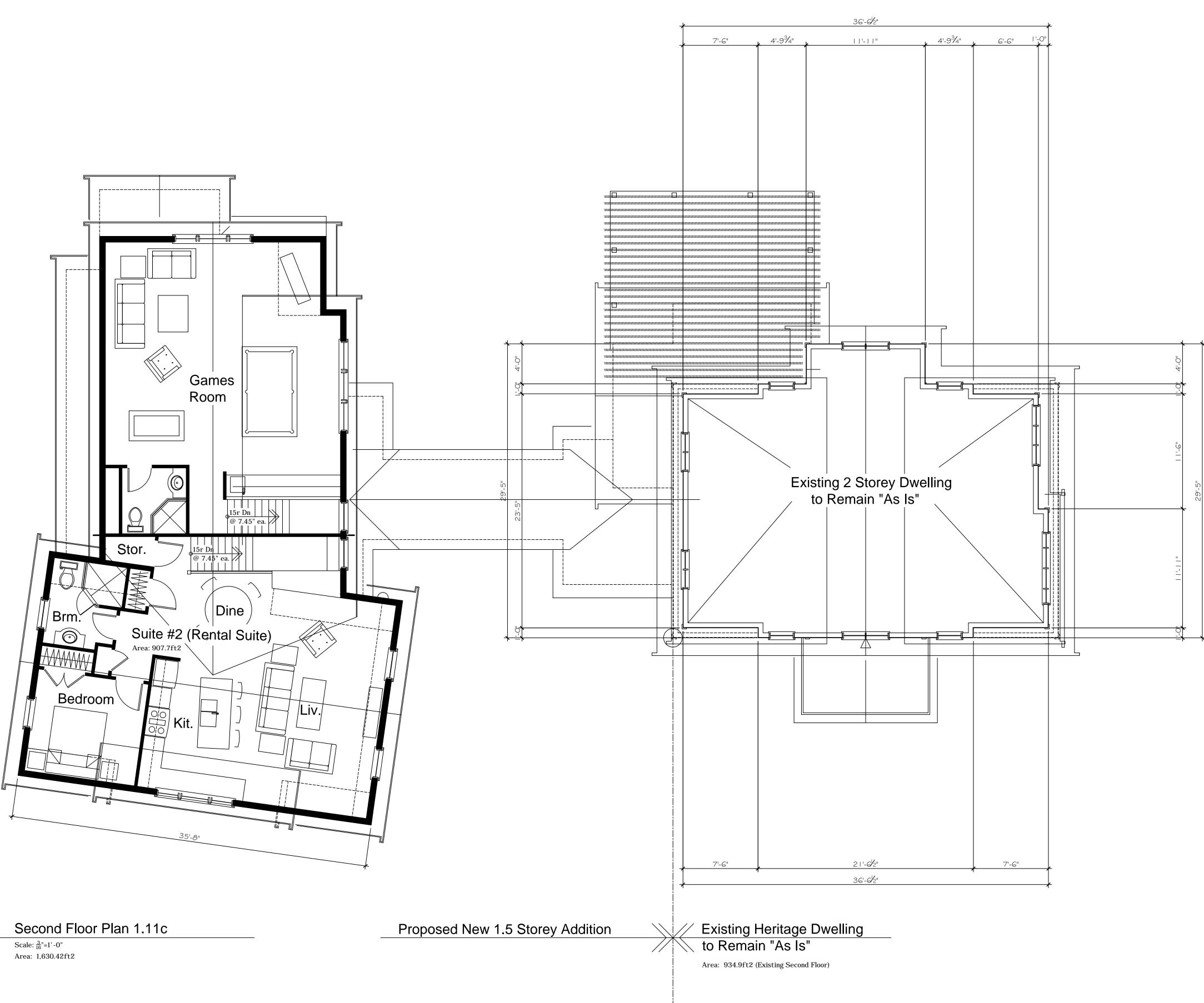
(Part of Lot 30, Concession 1)

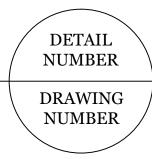
DRAWING TITLE

Ground Floor Plan 1.11c

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Mar. 31, 2024	
Job No.		ΔΩ
Drawn By:	S.R.	пз
Checked By:		







No.	Description	Date
1	Issued for Client Review	12 / 10 / 2023
2	Issued for Client Review	27 / 03 / 2024
3	Issued for Client Review	31 / 03 / 2024

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QUALIFICATION INFORMATION

Scott Rushlow NAME 29726 BCIN SIGNATURE

REGISTRATION INFORMATION Scott Rushlow Associates Ltd

35924 BCIN

SCOTT RUSHLOW

associates Ltd 111-111 Upper Duke Cres Markham ON L6G oC8 905 852 5595

PROJECT

FIRM

Capelli / Simmons Residence 86 John Street Markham, Ontario

(Part of Lot 30, Concession 1)

DRAWING TITLE

Second Floor Plan 1.10e

Scale:	$\frac{3}{16}$ "=1'-0"	DRAWING NO.
Date:	Mar. 31, 2024	
Job No.		Λ
Drawn By:	S.R.	A 4
Checked By:		