Memorandum to the City of Markham Committee of Adjustment August 16, 2021

File:A/106/21Address:14 Denby Court – Markham, ONApplicant:Jey AnandarajanHearing Date:August 25, 2021

The following comments are provided on behalf of the Central Team. The applicant is requesting relief from the following "Fourth Density Semi-Detached Residential (RSD4)" zone requirements under By-law 134-79, as amended, as it relates to a rear yard addition. The requested variance is to permit:

a) By-law 134-79, Sec. 8.2:

a minimum rear yard setback of 6.84 m (22.44 ft), whereas the by-law permits a minimum rear yard setback of 7.50 m (24.61 ft).

Property Description

The subject property is an irregular pie shaped lot located on the north side of Denby Court, north of Highway 7 East, east of Main Street Unionville, and west of Kennedy Road. The property is currently developed with a two-storey detached dwelling, which backs onto an open space area (Denby Valley). The property is situated along a court within a stable residential area that is comprised of detached dwellings.

Proposal

The applicant is proposing to construct a two-storey rear yard addition to the existing dwelling, and is seeking relief from the minimum rear yard setback. The addition would have a gross floor area (GFA) of approximately 31.81 m² (342.40 ft²), divided equally above grade to accommodate a new great room on the ground floor and a new master bedroom on the second floor.

Official Plan and Zoning

<u>Official Plan 2014 (partially approved on November 24/17, and updated on April 9/18)</u> The subject property is designated "Residential Low Rise", which provides for low rise housing forms including single detached dwellings.

Zoning By-Law 134-79

The subject property is zoned "Fourth Density Semi-Detached Residential (RSD4)" under By-law 134-79, as amended, which permits one single detached or semi-detached dwelling per lot. The proposed development does not comply with the by-law with respect to the minimum rear yard setback requirement.

Zoning Preliminary Review (ZPR) Not Undertaken

The applicant has confirmed that a ZPR has not been conducted. However, the applicant has received comments from the zoning staff through their building permit process to confirm the variance required for the proposed development.

COMMENTS

The *Planning Act, R.S.O. 1990, c. P.13, as amended* states that four tests must be met in order for a variance to be granted by the Committee of Adjustment ("the Committee"):

- a) The variance must be minor in nature;
- b) The variance must be desirable, in the opinion of the Committee, 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.

Reduction in Rear Yard Setback

The applicant is requesting a minimum rear yard setback of 6.84 m (22.44 ft), whereas the By-law requires a minimum rear yard setback of 7.50 m (24.61 ft). This is a reduction of 0.66 m (2.17 ft).

As previously noted, the property is irregular in shape, which is partially due to the angular rear lot line. The majority of the dwelling's rear building line would comply with the minimum rear yard setback, save and except for a small portion at the northwest corner, which is caused by a pinch point in the rear yard (see Site Plan in Appendix "B"). Staff are of the opinion that the requested variance is minor in nature and have no objections.

TRCA Comments

The subject property is located partially within and adjacent to a flood plain associated with the Rouge River Watershed, which is regulated by the Toronto Region and Conservation Authority (TRCA). The TRCA provided comments on August 3, 2021 (Appendix "C"), indicating that the proposed addition is located within TRCA's regulated area. The TRCA has no objections to the minor variance application, provided that the applicant obtains a conservation permit and remits the associated application fee. A condition requiring the applicant to satisfy the TRCA's requirements has been included in Appendix "A" to be attached to any approval of this application.

PUBLIC INPUT SUMMARY

No written submissions were received as of August 16, 2021. 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

Planning staff have reviewed the application with respect to Section 45(1) of the *Planning Act*, and are of the opinion that the variance request meets the four tests. Staff recommend that the Committee consider public input in reaching a decision. The onus is ultimately on the applicant to demonstrate how they satisfy the tests of the *Planning Act* required for the granting of minor variances.

APPENDICES

Appendix "A" – Conditions of Approval Appendix "B" – Plans Appendix "C" – TRCA Comments: August 3, 2021

PREPARED BY:

Aleks Todorovski, Planner, Zoning and Special Projects

REVIEWED BY:

Sabrina Bordone, Senior Planner, Central District

APPENDIX "A" CONDITIONS TO BE ATTACHED TO ANY APPROVAL OF FILE A/106/21

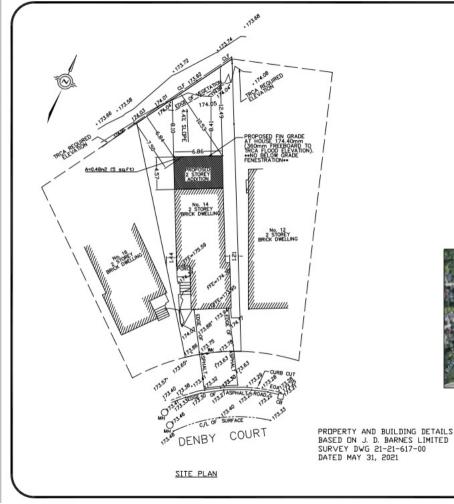
- 1. The variance applies only to the proposed development as long as it remains.
- 2. That the variance applies only to the proposed development, in substantial conformity with the batch stamped plans attached as Appendix "B" to this Staff Report, and that the Secretary-Treasurer receive written confirmation from the Director of Planning and Urban Design or designate that this condition has been fulfilled to his or her satisfaction.
- 3. That the applicant satisfies the requirements of the TRCA, financial or otherwise, as indicated in their letter to the Secretary-Treasurer attached as Appendix "C" to this Staff Report, and that the Secretary-Treasurer receive written confirmation that this condition has been fulfilled to the satisfaction of the TRCA.

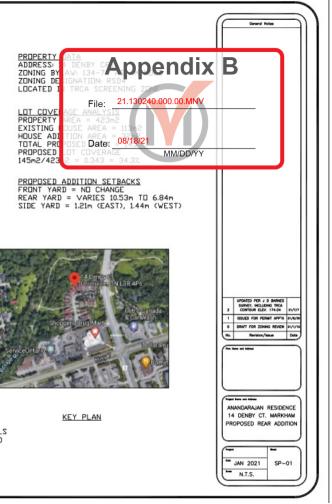
CONDITIONS PREPARED BY:

AZ

Aleks Todorovski, Planner, Zoning and Special Projects

APPENDIX "B" PLANS TO BE ATTACHED TO ANY APPROVAL OF FILE A/106/21



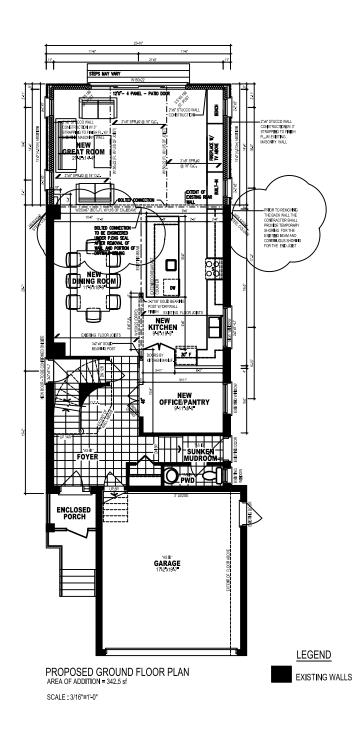


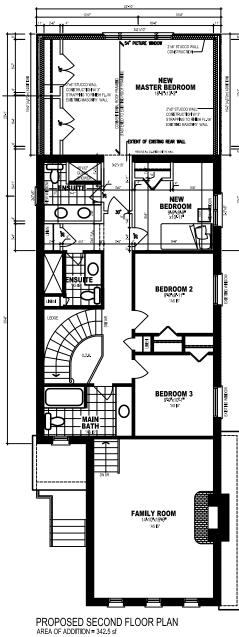
FOUNDATION OMPUTER ROOM NEW ORAGE TING FOUNDATION W OFFICE EXISTING EXISTING FLOOR JOISTS HWT ENTERTAINMENT ROOM 15¹20 x16¹11 EXISTING STORAGE PROPOSED BASEMENT PLAN AREA OF ADDITION = 342.5 sf

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

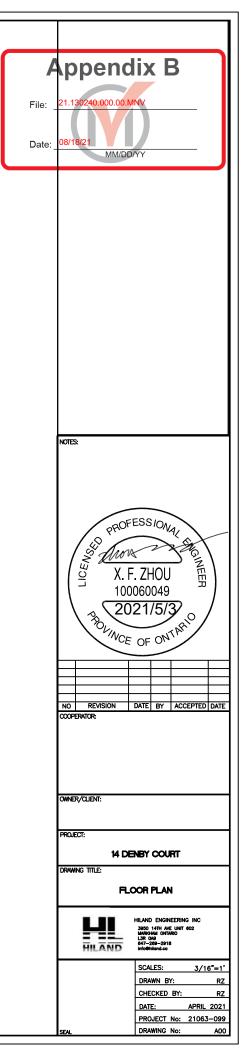
<u>LEGEND</u>

EXISTING WALLS



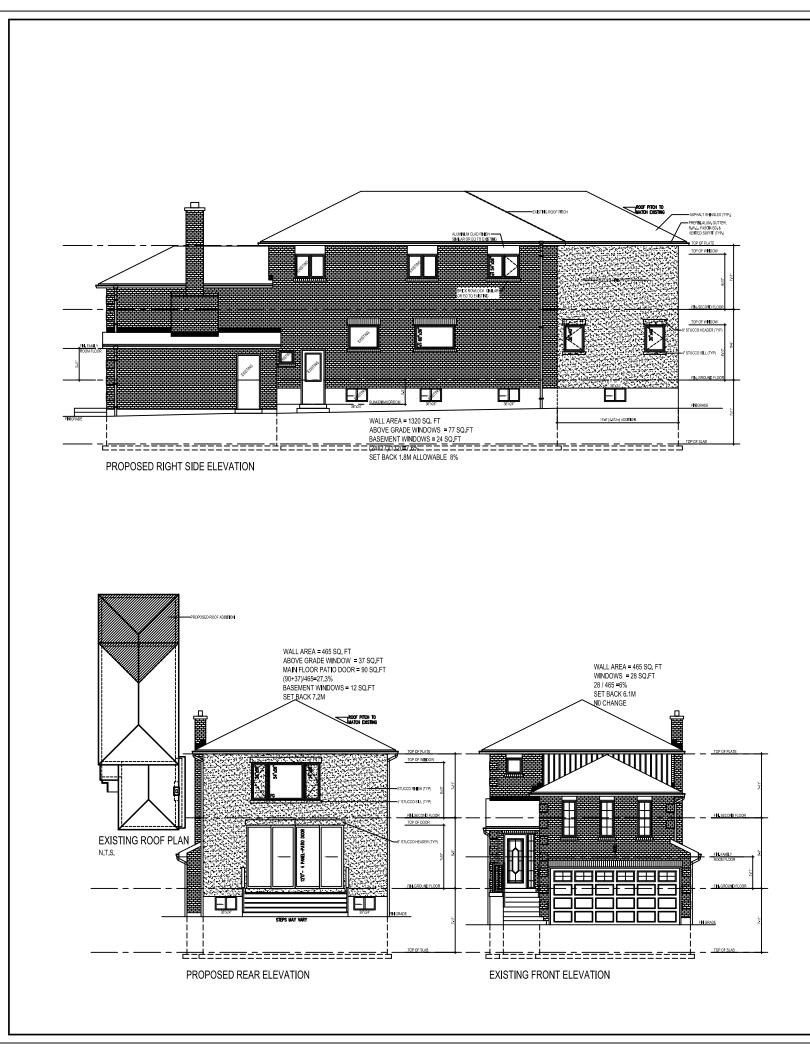


AREA OF ADDITION = 342.5 sf SCALE : 3/16"=1'-0"



LEGEND

EXISTING WALLS



Excavation shall be undertaken in such a manner so as to prevent damage to existing structures, adjacent property and utilities The topsoil and vegetable matter in unexcavated areas under a building shall be removed. The bottom of excavations for foundations shall be

- free of all organic material
- If termites are known to exist, all stumps, roots and wood debris shall be removed to a minimum depth of 11 3/4/in excavated areas under a building, and the clearance between untreated structural wood elements and the ground shall be no less than 17 3/4"
 Backfill within 23 5/8" of the foundation walls
- shall be free of deleterious debris and boulders over 9 7/8"in diameter

Dampproofing and Drainage

Excavation and Backfill

- In normality and prainings
 In order soli conditions, the exterior surfaces of foundation walls enclosing basements and crawl spaces shall be dampproofed. Where hydrostatic pressure occurs, a waterproofing system is required
- Masonry foundation walls shall be parged with $1/4^{\circ}$ of mortar coved over the footing prior to
- 1/4 of mortor coved over the footing prior to dempproofing
 4" dia. foundation drains shall be laid on level, undisturbed ground adjacent to the footings at or below the top of the basement slab or crowl space floor, and shall be covered with 6" of crushed stone. Foundation drains shall drain to a storm sewer, drainage dlich, dry well or sump
 Window wells shall be drained to the footing level or to d dich or sum pump.
- or to a ditch or sump pump.
- Downspouts not directly connected to a storm sewer shall have extensions to carry water away from the building, and provisions shall be made
- from the building, and provisions shall be made to prevent soil erosion Concrete slabs in attached garages shall be sloped to drain to the exterior The building site shall be graded so that surface, sump and roof drainage will not accumulate at or near the building and will not adversely affect adjacent properties

Footings

- soil, rock or compacted granular fill with minimum bearing capacity of 1570 psf 2090 psf for ICF

Footing Size

	Footing Size			
	Floors	Supporting	Supporting	Column
- 5	Supported	Ext. Wall	int. Wall	Area
	<u> </u>	97/8"	77/8"	4.3 ft^2
	2	13 3/4"	13 3/4"	8.1 ft
	3	17 3/4"	19 3/4"	10.8 ft ²
٠	Increase	exterior footing		2 5/8" for eacl

- Increase exterior footing width by 2 5/8" for each storey of brick veneer supported, by 5 1/8" for each storey of mosonry ond by 6" for ICF
 Increase interior footing width by 4" for each storey of masonry above footing, and by 4" for each 8'-10" of wall height above 18'-0"
- The projection of an unreinforced footing beyond the wall supported shall not be greater than its thickness

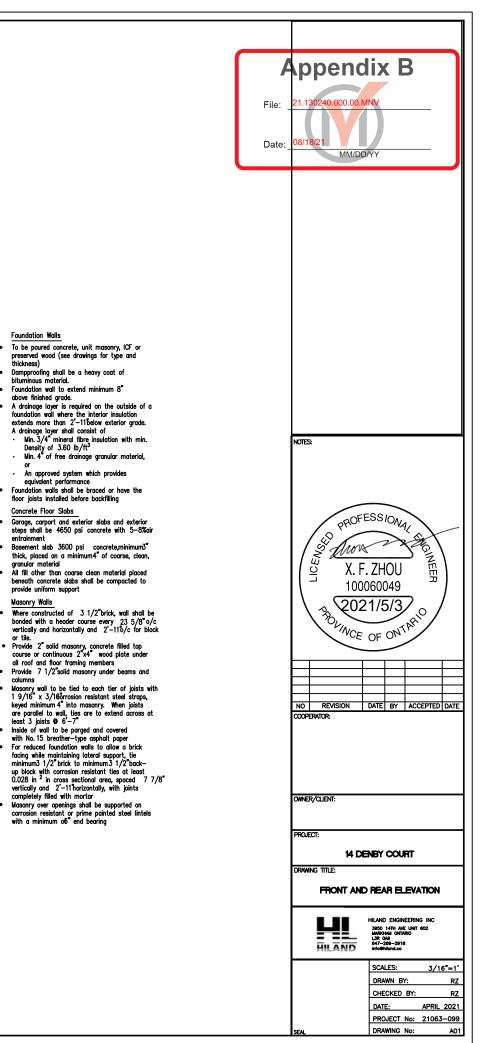
• An approved system which provides equivalent performance Foundation walls shall be braced or have the floor joists installed before backfilling Concrete Floor Slabs

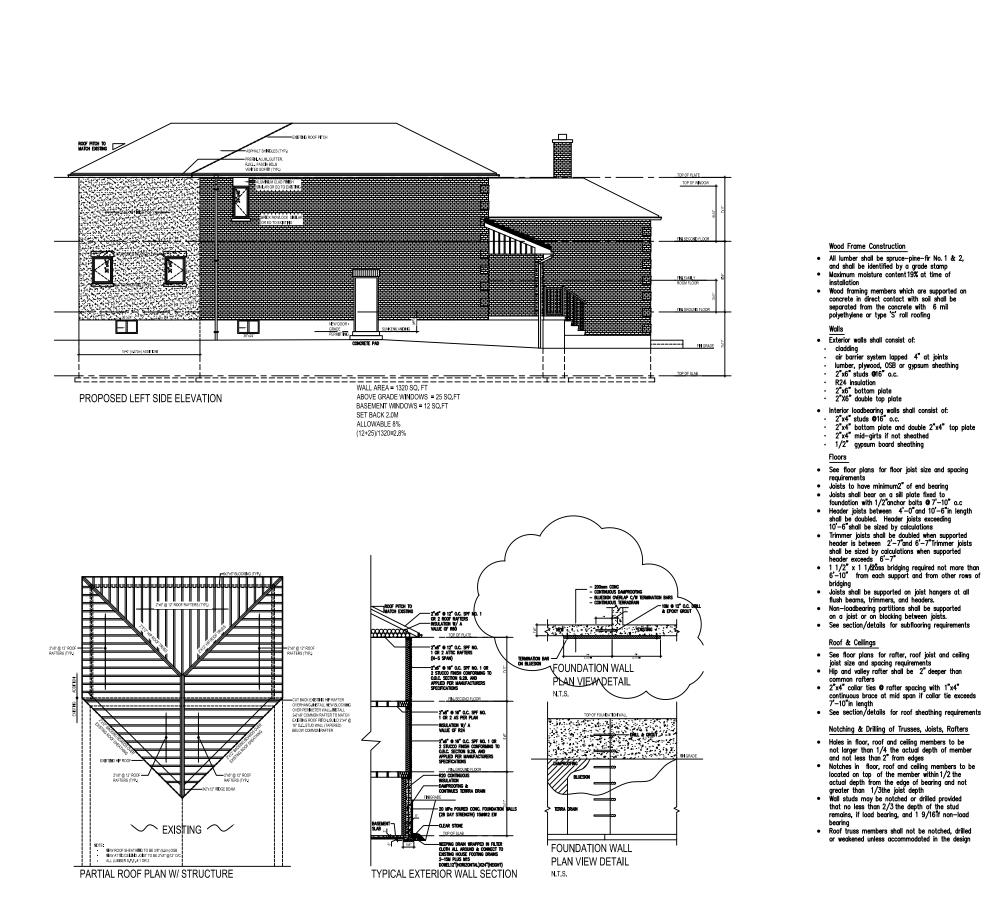
Foundation Walls

above finished grade.

- Garage, carport and exterior slabs and exterior steps shall be 4650 psi concrete with 5—8%air
- entrainme
 - All fill other than coarse clean material placed beneath concrete slabs shall be compacted to provide uniform support
 - Masonry Walls
 - bonded with a header course every 235/8 o/c vertically and horizontally and 2'-110/c for block
- columns

- minimum2200 psi poured concrete
 minimum48" below finished grade
 Footings shall be founded on natural undisturbed
- Step Footings
- 23 5/8" max. rise 23 5/8" min. run





Wood Frame Construction

- All lumber shall be spruce-pine-fir No. 1 & 2, and shall be identified by a grade stamp
 Maximum moisture content 19% at time of
- installation Wood framing members which are supported on concrete in direct contact with soil shall be separated from the concrete with 6 mil polyethylene or type 'S' roll roofing

- Exterior walls shall consist of:
- cladding air barrier system lapped 4" at joints lumber, plywood, OSB or gypsum sheathing 2"x6" studs @16" o.c.

- R24 insulation 2"x6" bottom plate 2"X6" double top plate
- Interior loadbearing walls shall consist of: 2"x4" studs @16" o.c. 2"x4" bottom plate and double 2"x4" top plate 2"x4" mid-girts if not sheathed
- 1/2" gypsum board sheathing

Columns, Beams & Lintels

Roofing

- Steel beams and columns shall be shop primed 350W steel. Minimum3 1/2" end bearing for wood and steel beams, with 7 7/8" solid masonry beneath the
- Steel columns to have minimum outside diameter of 2 7/8" and minimum wall thickness of 3/16" of 3/16Wood columns for carports and garages shall be minimum3 $1/2^2 \times 3 1/26$ all other cases either $5 1/2^2 \times 5 1/26$ 7 1/47 rund, unless calculations based on actual loads show lesser sizes are adequate. All columns shall be not less than the width of the supported member
- Masonry columns shall be a minimum off1 3/8" x 11 3/8" or 9 1/2" x 15" Provide solid blocking the full width of the supported member under all concentrated loads

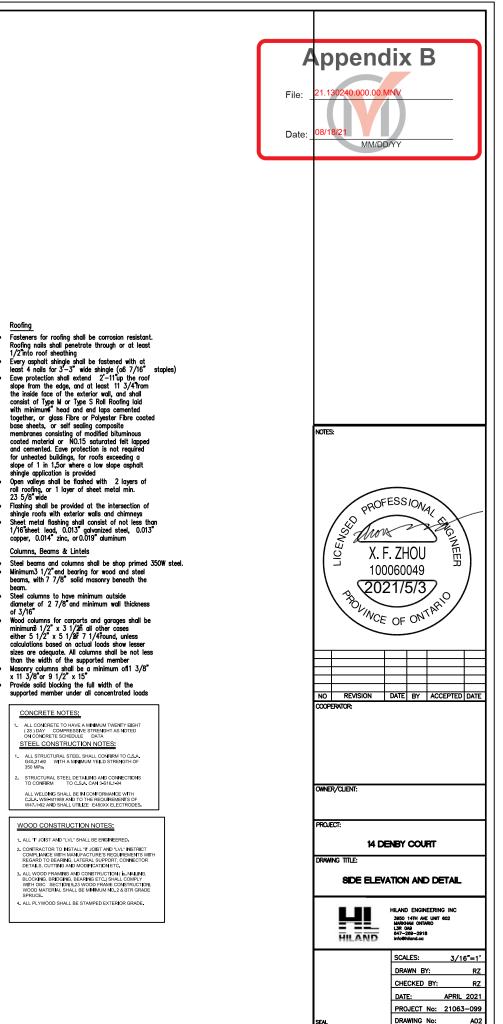
CONCRETE NOTES:

- ALL CONCRETE TO HAVE A MINIMUM TWENTY EIGHT (28) DAY COMPRESSIVE STRENGHT AS NOTED ON CONCRETE SCHEDULE DATA STEEL CONSTRUCTION NOTES:
- ALL STRUCTURAL STEEL SHALL CONFIRM TO C.S.A. G40.21.92 WITH A MINIMUM YEILD STRENGTH OF 350 MPA
- STRUCTURAL STEEL DETAILING AND CONNECTIONS TO CONFIRM TO C.S.A. CAN 3-S16.1-94

- Notching & Urilling of Trusses, Joists, Katters Holes in floor, roof and ceiling members to be not larger than 1/4 the actual depth of member and not less than 2" from edges Notches in floor, roof and ceiling members to be located on top of the member within 1/2 the actual depth from the edge of bearing and not greater than 1/3 the joist depth Wall studs may be notched or drilled provided that no less than 2/3 the depth of the stud remains, if load bearing, and 1 9/16 fi non-load bearing Roof truss members shall not be notched, drilled
- Roof truss members shall not be notched, drilled or weakened unless accommodated in the design
- - 4. ALL PLYWOOD SHALL BE STAMPED EXTERIOR GRADE.

- - ALL WELDING SHALL BE IN CONFORMANCE WITH C.S.A. W59 M1989 AND TO THE REQUIREMENTS OF W47.1-92 AND SHALL UTILIZE E480XX ELECTRODES
 - WOOD CONSTRUCTION NOTES:
- 1. ALL 'I' JOIST AND 'LVL' SHALL BE ENGINEERED. CONTRACTOR TO INSTALL 'T JOIST AND 'LVL' INSTRICT COMPLIANCE WITH MANUFACTURE'S REQUIREMENTS WITH REGARD TO BEARINS, LATERAL SUPPORT, CONNECTOR DETALS, CUTTING AND MODEICATION ETC.

- Notching & Drilling of Trusses, Joists, Rafters



APPENDIX "C" TRCA COMMENTS: AUGUST 3, 2021



August 3, 2021

CFN 64187.11

Uploaded to E-Plan

Justin Leung Secretary-Treasurer – Committee of Adjustment City of Markham 101 Town Centre Blvd. Markham ON L3R 9W3

Dear Mr. Leung:

Re: Minor Variance Application A/106/21 14 Denby Court, Markham Owner: Jey Anandarajan

This letter acknowledges receipt of the above noted Minor Variance Application in the City of Markham, circulated to Toronto and Region Conservation Authority (TRCA) on July 19, 2021. TRCA staff have reviewed the above noted application, and as per the "Living City Policies for Planning and Development within the Watersheds of the TRCA" (LCP), provides the following comments as part of TRCA's commenting role under the *Planning Act*; the Authority's delegated responsibility of representing the provincial interest on natural hazards encompassed by Section 3.1 of the *Provincial Policy Statement, 2020*; TRCA's Regulatory Authority under Ontario Regulation 166/06, *Development, Interference with Wetlands and Alterations to Shorelines and Watercourses*; and, our Memorandum of Understanding (MOU) with the Region of York where we advise our municipal partners on matters related to Provincial Policies relevant to TRCA's jurisdiction. A list of the documents received and reviewed can be found in Appendix 'A' of this letter.

Purpose of the Application

It is our understanding that the purpose of the application is to request relief from By-law 134-79, as amended, as it relates to a proposed addition to the rear portion of the existing dwelling:

a) **By-law 134-79, Sec. 8.2**: to allow rear yard setback of 6.84m, whereas the by-law permits minimum rear yard setback of 7.5m.

Applicable Policies and Regulations

Provincial Policy Statement (2020)

The Provincial Policy Statement 2020 (PPS) provides policy direction on matters of provincial interest related to land use planning and development. According to subsections 3 (5) and (6) of the *Planning Act*, as amended, all planning decisions made by a municipality and all comments provided by the TRCA shall be consistent with the PPS.

Section 2.1 provides policies for the protection of natural features and areas. It is of note that Section 2.1.8 of the PPS states that development and site alteration shall not permitted on lands

adjacent to certain natural features or areas unless it has been demonstrated that there will be no negative impacts on the natural features or their ecological functions.

Through a MOU between Conservation Ontario, the Ministry of Municipal Affairs and Housing, and the Ministry of Natural Resources and Forestry, the responsibility to uphold the natural hazards section of the PPS (Section 3.1) has been delegated to Conservation Authorities where the province is not involved. TRCA staff note that Section 3.1 of the PPS generally directs development and site alteration to locations outside of hazardous lands that would be impacted by flooding hazards and/or erosion hazards and prohibits development in areas that would be rendered inaccessible to people and vehicles during times of flooding hazards, unless it has been demonstrated that the site has safe access. The PPS also directs planning authorities to consider the potential impacts of climate change that may increase the risk associated with natural hazards.

Ontario Regulation 166/06

Based on the available information at this time, the subject property is located partially within TRCA's Regulated Area under Ontario Regulation 166/06 as it is partially within and adjacent to a Regulatory flood plain associated with the Rouge River Watershed. In accordance with Ontario Regulation 166/06 (Development, Interference with Wetlands and Alteration to Shorelines and Watercourses), a permit is required from the TRCA prior to any of the following works taking place within TRCA's Regulated Area:

- a) straightening, changing, diverting or interfering in any way with the existing channel of a river, creek, stream or watercourse, or for changing or interfering in any way with a wetland;
- b) development, if in the opinion of the Authority, the control of flooding, erosion, dynamic beaches or pollution or the conservation of land may be affected by the development.

'Development' is defined as:

- i) the construction, reconstruction, erection or placing of a building or structure of any kind,
- ii) any change to a building or structure that would have the effect of altering the use or potential

use of the building or structure, increasing the size of the building or structure or increasing the number of dwelling units in the building or structure,

iii) site grading, the temporary or permanent placing, dumping or removal of any material originating on the site or elsewhere.

TRCA's Living City Policies

The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority (LCP) is a TRCA policy document that guides the implementation of TRCA's legislated and delegated roles and responsibilities in the planning and development approvals process. These policies describe a "Natural System" made up of water resources, natural features and areas, natural hazards, potential natural cover and/or buffers. The LCP recommends that development, infrastructure and site alteration not be permitted within the Natural System, and that these lands be conveyed into public ownership for their long-term protection and enhancement. It is these policies, along with those found in other provincial and municipal plans, documents and guidelines that guide TRCA's review of the subject applications.

Application-Specific Comments

Based on our review the proposed addition is located within TRCA's Regulated Area under Ontario Regulation 166/06; however, we have no concerns regarding the location of the addition and are satisfied that it will be appropriately flood-proofed.

As such, TRCA staff have no objections to this Minor Variance Application and advise the applicant that a permit from TRCA under Ontario Regulation 166/06 is required.

Review Fees

As per TRCA's role as a commenting agency for *Planning Act* application circulated by member municipalities to assess whether a proposed development may be impacted by TRCA, the applicant is advised that the TRCA has implemented a fee schedule for our planning application review services. This application is subject to a \$610 review fee (2021 TRCA Planning Fee Schedule).

An electronic invoice will be sent via email to the property owner for processing of fees through online payment.

Conclusion

Based on our review of this submission, TRCA staff have no objections to this Minor Variance Application, subject to the following condition:

- 1. That the applicant remit TRCA's review fee of \$610 for the subject application; and,
- 2. That the applicant obtains a permit from the TRCA under Ontario Regulation 166/06, as amended, for the proposed works.

TRCA also requests notification of any decisions made by the City on this application and, if applicable, any appeals that may be made to the Local Planning Appeal Tribunal by any party in respect to this application.

We trust these comments are of assistance. Should you have any questions, please contact the undersigned.

Sincerely,

Dan Nguyen Planner I, Development Planning and Permits <u>dan.nguyen@trca.ca</u>, 416-661-6600 ext. 5306

DN/mb

Appendix 'A': Materials Reviewed by TRCA

- Drawing No. SP-01 Site Plan, no author, dated Jan. 2021;
- Drawing No. A00 Floor Plan, prepared by Hiland Engineering Inc., dated April 2021;
- Drawing No. A01 Front & Rear Elevation, prepared by Hiland Engineering Inc., dated April 2021;
- Drawing No. A02 Side Elevation & Detail, prepared by Hiland Engineering Inc., dated April 2021,
- Topographic Survey prepared by J.D. Barnes, dated May 31, 2021.