

Allyssa Hrynyk 905 513 0170 x134 AHrynyk@mgp.ca

February 15, 2024

MGP File: 17-2649

City of Markham 101 Town Centre Blvd Markham, ON L3R 9W3

Attention: Rick Cefaratti Senior Planner II, West District

Dear Mr. Cefaratti

RE: 2nd Submission for Official Plan Amendment & Zoning By-law Amendment Application Number: PLAN 22 262723 7015, 7200 and 7290 Leslie Street National Spiritual Assembly of the Bahá'í's of Canada

Malone Given Parsons Ltd. ("MGP") is the planning consultant for the National Spiritual Assembly of the Bahá'ís of Canada ("NSA Bahá'ís"). Applications for Official Plan (OPA) and Zoning By-law (ZBA) amendments to the City of Markham were submitted on October 28, 2022 to facilitate the development of a new Bahá'í National Centre ("BNC") and the Canadian National Temple ("Temple"). MGP is pleased to submit revised materials in response to all technical and public comments received on the original applications. All comments received from agencies and our responses are summarized in **Attachment A** to this letter. This re-submission also responds to questions and comments received from the statutory public meeting held May 23, 2023 (**Attachment B**). The following is a summary of our response to comments received on our applications.

Summary of Agency Comments

In general, comments from the City and TRCA were primarily focused on whether the initial proposal for safe access along the unassumed extent of Leslie Street and the parking area were in the erosion hazard. There were additional comments related to confirmation that the proposed compensation plan would result in an ecological net gain, removal of the proposed stairway trail up the slope to the temple, confirmation that the proposed parking rate was provided based on a first principles approach and utilization of transportation demand management, and site design matters related to provisions for pedestrian connections, ground water impacts, and stormwater management conceptual design.

The Region of York and other utility agencies had no objections to the proposed OPA and ZBA and provided only minor comments related to future infrastructure requirements that will be addressed at future site plan approval stages.

Summary of Public Comments

In general, the public comments from the Statutory Public Meeting can be summarized under the following three themes:

- a. Ecological Impacts and Tree Removals
 - Impacts to the Meadow from proposed emergency access route
 - General Impacts to Ecosystem and Wildlife
 - Indirect Impacts
 - Extent of Proposed Tree Removal
- b. Site Design Matters
 - Visual impacts of the BNC on Waterloo Court
 - Concern over proposed temple height
- c. Leslie Street Pedestrian Safety and Transportation
 - Current pedestrian and cyclists safety issues as a result of increased use of new Lake-to-Lake Trail
 - Current issues with traffic and parking on Leslie Street and Waterloo Court
 - Impact from the number of visitors
 - Impact from traffic and parking

Summary of Proposed Revisions

In response to the comments received, the NSA Bahá'ís and their consultants have spent a considerable amount of time and resources to address concerns and find reasonable alternatives. The solutions proposed are summarized under the following eight solutions:

- 1. Complete Avoidance of the Meadow
- 2. Leslie Street Solution
- 3. Improved Pathways to the Temple and Trail
- 4. Reduced Size of the Temple
- 5. Modifications to the BNC site
- 6. Better Understanding of Anticipated Visitors
- 7. Verification of Parking Demand and Traffic
- 8. Assurance of Environmental Stewardship and Ecological Net Gain

1. Complete Avoidance of the German Mills Meadow and Natural Habitat

The initial proposal included an emergency access route utilizing the old haulage road from the terminus of Leslie Street to John Street. This route would with minor upgrades essentially traverse along an existing regional sanitary sewer main which was scheduled to be twinned in the near future. This solution was originally contemplated to provide safe access as it utilized an existing route that was outside the floodplain and erosion hazards has already had impacts on the natural heritage system. However, given the concern expressed by the public regarding impacts to the German Mills Meadow and Natural Habitat, an alternative solution to provide safe access has been proposed that completely avoids it.

2. Leslie Street Solution

Over the last several months, the applicant team has spent considerable hours investigating a safe access solution by raising the existing extent of Leslie Street currently within the floodplain out of the flood constraint. Although significantly more costly and technically involved, the NSA Bahá'í are proposing to fund in part, the raising of Leslie Street out of the floodplain. As part of this "Leslie

Street Solution", existing issues along Leslie Street related to safety, parking and intermingling of traffic can also be rectified.

We have confirmed that the proposed future traffic generated by the proposal can be accommodated within the current road design and intersection capacity and thus are proposing a redesign to Leslie Street that not only raises it out of the floodplain but also achieves the following:

- 3 metre multi-use path from Steeles Avenue to the Lake-to-Lake Trail;
- Direct pedestrian access to the Temple;
- Designated on-street parking spaces;
- Improved access and redesign of overflow parking at the Don Valley Education Centre (7015 Leslie St.);
- Widening of the right-of-way only to the east so to not impact the Bayview Golf and Country Club and existing residential uses on the west;
- Enhanced landscaping and golf course fairway screening along the streetscape;
- Reduced pavement width at Steeles Avenue and signage and design to mitigate illegal uturns;
- Overall improved streetscape and signage.

3. Direct Pathways to Temple

The Leslie Street Solution also provides an opportunity to provide direct pedestrian pathways to the Temple from Steeles Ave, the Don Valley Education Centre, the Lake-to-Lake Trail, and other public trails. The pathway is proposed to continue north from the Lake-to-Lake Trail, connecting into the site and the Temple. The driveway between the BNC and Temple properties is now proposed to continue this separated pedestrian pathway along its north side up to the Temple site. This will provide direct pedestrian access to the temple, avoid intermingling of traffic and supports the elimination of the proposed stairway connection from the parking lot up to the slope to the Temple.

The vision is to enhance the entire streetscape along Leslie Street and improve the overall pedestrian experience from Steeles Avenue north to the Temple. The proposed pathway will be separated from the roadway by a boulevard planted with a row of trees to create an enjoyable and memorable walking experience.

4. <u>Reduced Size of the Temple</u>

The revisions also include a reduction in the maximum allowable temple size. The proposed temple has been reduced in size from approximately 1,000 sqm to 600 sqm GFA and from a maximum height of 30 metres to a maximum height of 25 metres. This results in an overall design capacity of approximately 400 people versus the original 600 people proposed by the original submission. By reducing the size of the temple, we can ensure that the temple is equal to or less than the height of the trees and help to assure any visual impacts are mitigated. The smaller temple footprint has also been moved west to avoid any structural or construction impacts within the 10-metre setback from the Long Term Stable Top of Slope (LTSTS). Landscaping around the temple within the setback from the surveyed dripline will only involve the removal of invasive and site alternation to ensure the restoration of a healthy woodland transition.

5. Modifications to the BNC Site

Modifications have also been made to the conceptual site plan for the BNC. The proposed minimum sideyard setback along Waterloo Court has been increased from 4.0 metres to 4.5 metres (with the conceptual site plan illustrating a 4.8 metre setback). This setback has been

confirmed by the project Arborist as a sufficient tree protection zone for maintenance of the existing healthy trees along this property edge. Furthermore, this proposed setback will support the proposed additional coniferous tree planting proposed to provide additional screening.

The Conceptual Site Plan for the BNC has also been revised to eliminate 2 of the 3 levels of underground parking proposed. Only one level of underground parking is now currently proposed. This change addresses concerns with ground water impact on the proposed third level.

6. <u>Better Understanding of Anticipated Visitors</u>

Additional research was undertaken to provide a better understanding of the anticipated visitors to the Temple and BNC. Although this project has no North American precedents to draw from, making it difficult to estimate visitors, the NSA Bahá'í received detailed visitor data from slightly larger temples in Australia and Germany. These comparable temples were assumed to have similar locational and cultural characteristics as the proposed Canadian Temple. It should be noted that the two examples are larger in overall size as they are "continental sized" temples and are designed for a capacity of 600 people.

The data provided helped the team identify reasonable average weekday, weekend and peak/holiday visitor expectations. Although the temple in Germany had significantly more annual visitors than the Australian Temple, it was used as the most conservative estimate of which to calculate visitors for the proposed Canadian Temple. The following is a summary of the anticipated visitor estimates for the Canadian Temple.

Estimated visitors to the Temple:

•		
Peak Weekday Visitors	=	35
Average Weekend Visitors	=	145
Peak Holiday Visitors	=	400

Similarly, we confirmed with the NSA Bahá'í the anticipated usage and programming of the new BNC. The day-to-day administrative function of the BNC is anticipated to remain similar to its current level with between 15 - 25 employees. Additionally, the new BNC could be used for meetings, seminars, conventions, community events and gatherings. The largest of these would be the national convention that is held yearly and would see about 200 attendees over a 3-day period. Smaller, periodically (not regularly scheduled) held events and seminars would see between 30 - 90 attendees.

7. Verification of Parking Need

Using the anticipated visitor information, the Team was able to provide a first principles approach to define the parking need as requested by the City's Transportation Staff. The updated analysis by BA Group demonstrates the following estimates for peak parking demand at the temple:

Typical Weekday Peak:	10 vehicles
Typical Weekend Peak:	35 vehicles
Holiday Peak:	100 vehicles

Similarly, the updated analysis by BA Group demonstrates the following peak parking demand for the BNC:

Daily Employee Peak:	25 vehicles
Event/Meeting Peak (National Convention):	80 Vehicles

The proposal has been revised to address comments related to the underground parking impacts on groundwater levels and surface parking impacts to the development limits. The proposal now anticipates the provision of 110 parking spaces combined between the temple site and BNC. The updated analysis by BA Group confirms that is sufficient to meet the peak demand (i.e. National Convention or Peak Holiday Temple Visitors).

It should be noted that although these anticipated visitor estimates are helpful, the likelihood of the temple or BNC experiencing peak visitor rates at the exact same time is rare, if not unlikely. The conceptual plan therefore anticipates shared parking arrangements to ensure that parking is not oversupplied, and parking areas sit vacant most of the time. In the rare event that the peak demand is over 110 vehicles, there are approximately 100 overflow parking spaces available for use by visitors at the Don Valley Education Centre (7015 Leslie Street).

8. <u>Overall Environmental Stewardship and Net Ecological Gain Through Extensive</u> <u>Restoration and Compensation</u>

Several of the public comments were related to the environmental impact or ecological loss of the proposal on the surrounding natural areas. A comprehensive, multi-season Environmental Impact Study (EIS) has been prepared that provides an extensive understanding of site ecology of the site and surrounding natural heritage system. The EIS included the following data collection, surveys, identification, and classification methods to identify the natural features, functions, habitats and hazards present on and adjacent to the Subject Lands:

- 1. Botanical Inventory and Ecological Land Classification
- 2. Natural Feature Staking with TRCA
- 3. Detailed Tree Inventory and Assessment of over 1,100 trees
- 4. Aquatic Ecology and Watercourse Characterization
- 5. Surveys: Breeding Birds, Reptile and Amphibians, Insects, Bats, and Wildlife
- 6. Significant Woodlands Identification
- 7. Significant Wildlife Habitat Identification
- 8. Habitat for Endangered and Threatened Species
- 9. Fish Habitat

The emergency access east of the site and through German Mills Park has been eliminated. The existing German Mills Meadow and Natural Habitat (GMMNH) will be protected and enhanced by adjacent meadow land restoration within the Subject Lands.

The EIS demonstrates that there are no direct impacts proposed to the significant woodland communities or habitats identified.

The temple has been reduced in size and shifted to the west to ensure that it does not encroach into the 10-metre minimum vegetation protection zone from the dripline of the significant woodland surveyed by TRCA. It is noted that this buffer and new feature edge will be appropriately managed and restored to remove invasive species and create a new woodland edge and is not an existing woodland edge.

Similarly, the proposed parking to the east of the temple has been designed to the highest standards to minimize grading impacts and avoid any encroachments into the surveyed woodland dripline. A conceptual SWM approach has been provided to illustrate that the parking lot can achieve the desired quality and quantity controls.

The updated Tree Inventory and Assessment illustrates that care will be taken to ensure minimal tree removal. Most tree removals are anticipated in the temple location and are primarily invasive species or trees of poor health.

To accommodate the temple, a total area of ~0.53 hectares of Greenway / vegetation community is proposed to be removed and 0.22 hectares is proposed within the valley to accommodate the parking area. However, approximately 4.7 hectares is proposed for restoration and 2.23 hectares are being added to the Greenway resulting in a **net ecological gain** to the system of 4.0 hectares of restoration including 1.7 additional hectares in the Greenway.

In support of the temple parking area in front of the existing residential dwelling, the Planning Report, Updated EIS and Updated FSR have reviewed in detailed Provincial, City and TRCA policy regarding development and / or site alteration in valleys, erosion hazards and regulated areas. The parking lot and reuse of the existing residential dwelling as a welcome centre does not propose the construction of any habitable structures in a manner that is not consistent with these policies and the permission of development or site alternation within the Regulated Areas of the TRCA / valley. The Geotechnical Analysis has confirmed that the parking area and structures are not within an erosion hazard. The provision of parking within this location regulated by O. Reg 166/06 where TRCA regulates development in river or stream valleys, hazardous lands and associated allowances and thus will require a permit from the TRCA. The TRCA's Living City Policies (LCP) state that "where it is technically feasible and appropriate, innovative design approaches may be considered to address site constraints and accommodate the development while still meeting current regulatory requirements". The EIS demonstrates that the proposed parking area addresses site constraints and proposes development that utilizes innovative design approaches and meets the policy directions of the LCP.

The proposal has demonstrated that it will result in a significant ecological net gain to the natural system because of the restoration and compensation proposed in exchange for the minimal impacts anticipated.

Summary of Revisions to Conceptual Site Plan

In summary, the conceptual site plan has been revised to reduce the height of the proposed temple to 25 metres, a reduced GFA of 650 square metres, and a reduction in overall capacity to 400 people. Further changes to the concept are detailed below:

- Temple height has been reduced to a maximum of 25 metres (from 30 m) to ensure it will be in line with or lower than the height of surrounding trees;
- Temple size has been reduced to a maximum worship area of 650 sqm (previously was 1000 sqm);
- Temple has shifted to the west to ensure no construction impacts or encroachments to the minimum vegetation protection zones of the long-term stable top of bank or dripline of the significant woodland community.
- The area for removal from the Greenway has been reduced to approximately 0.5 hectares and only includes a small portion of land by the parking area and the land around the Temple rather than the previous proposal to remove the entire cultural community.

- The parking area in front of the existing dwelling has been redesigned to ensure minimal grading impacts and the proposed stairway from the parking area to the temple has been eliminated.
- The northern extent of 7290 Leslie Street is proposed to be redesignated from "Residential" to "Greenway" and restoration plans now include meadowland adjacent to the German Mills Meadow and Natural Habitat.
- Further effort has been taking to reduce the number of tree removals around the proposed Temple and ensure sufficient tree protection zone along the Waterloo Court hedgerow.
- The minimum side yard setback along Waterloo Court has been increased from 4.0 metres to a minimum of 4.5 metres in the proposed ZBA.
- The BNC has removed two levels of underground parking and now only proposes one level of underground parking.
- The proposed emergency access route along the existing trail to John Street has been eliminated and instead safe access is proposed through the raising of Leslie Street.
- As part of the Leslie Street reconstruction, a separated multi-use pathway and on street layby parking is proposed as well as additional streetscape landscaping and beautification.
- The proposal now anticipates a direct pedestrian trail all the way from Steeles Avenue to the Temple.

Revised Official Plan and Zoning Bylaw Amendments

In reflection of these changes and solutions, the proposed Official Plan Amendment Schedule A has been revised to redesignate the north section of land from "Residential Low-Rise" to "Greenway" and reduce the overall area proposed to be removed from the Greenway designation to support the temple. Additionally, the proposed site-specific policies have been revised to reflect comments from the City and TRCA including those related to trails in the greenway, LID measures and the requirement for compensation and restoration.

Similarly, the proposed Zoning Bylaw Amendment Schedule has been revised to remove the subject lands from the applicable Zoning By-laws and incorporate them into Zoning By-law 177-96 as R1 with exceptions. Additional changes include enlargement of the Greenway zone consistent with the OPA and the addition of 7015 Leslie Street and proposed rezoning of the majority of the lands to Greenway and Open Space with exceptions. The minimum yard requirements and standards have been updated to a maximum building height of 25.0 metres for the temple and a minimum side yard along Waterloo Court of 4.5 metres.

Submission Materials

In support of the requested applications, please find enclosed the following thirteen (13) updated submission items:

#	Document	Author	Date
1.	Comment Response Matrix	Malone Given Parsons	February 2024
2.	Public Meeting Comment Response Matrix	Malone Given Parsons	February 2024

#	Document	Author	Date
3.	Draft Official Plan Amendment	Malone Given Parsons	February 2024
4.	Draft Zoning Bylaw Amendment	Malone Given Parsons	February 2024
5.	Planning Opinion Report	Malone Given Parsons	February 2024
6.	Conceptual Plans and Drawings	HPA	January 2024
7.	Leslie Street Conceptual Plan	Schollen & Company	January 2024
8.	Environmental Impact Study	GEI Consultants Ltd.	February 2024
9.	Compensation Plan (Landscape Restoration and Enhancement Strategy)	Schollen & Company	January 2024
10.	Tree Inventory and Assessment Report Preservation Plan (Arborist Report)	Schollen & Company	January 2024
11.	Functional Servicing and Stormwater Management Report ("FSR")	SCS Consulting Ltd.	January 2024
12.	Urban Transportation Consideration Report ("Transportation Impact Study")	BA Consulting Ltd.	February 2024
13.	Geotechnical and Slope Stability Assessment	Terraprobe Inc.	February 2024

We trust the enclosed information will allow for timely circulation and processing of the application. If you require any additional information, or wish to discuss the application, please do not hesitate to contact me at any time. We look forward to continued collaboration to advance this very exciting project for the City of Markham. Should you have any questions or require additional information, please contact me at 905.513.0170 ext. 134.

Yours very truly, Malone Given Parsons Ltd.

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Allyssa Hrynyk, MCIP, RPP, AICP, BES, MUDS Associate

cc: National Spiritual Assembly of the Bahá'ís of Canada



Bahá'í Temple Comment Response Matrix

7200 Leslie Street, Markham

1st Submission Comments

City File No.: PLAN 22 262723

Last Updated: February 14, 2024

City of Markham – York Region– TRCA – Additional Agencies

			<u>Responses</u>	from:		
MGP	НРА	GEI	Schollen	SCS	BA Group	Terrap
Malone Given	Hariri Pontarini	GEI Consultants	Schollen &	SCS Consulting	BA Group	Terraprobe/Ei
Parsons Ltd.	Architects		Company	Group		

" * ": These comments that were included in City's Excel comment sheet [22.262723.000.00.PLAN_02-16-2023_10_17_AM_Excel Comments] aprobe EnGlobe Corp

NO.	CITY OF MARKHAM	CONSULTANT	RESPONSE
Plan	ning Review and Comment (*)		
Rick	Cefaratti		
Feb 2	15, 2023		
1.	Prior to any recommendations being provided by Planning and Urban Design staff on the proposed amendments to the Markham OP and Zoning By-law, the proponent must demonstrate to the satisfaction of the City and TRCA that in accordance with Section 3.1 of the PPS, safe access to the proposed development.	MGP	The proposal has been revised to provide safe existing residents along Waterloo Court and the the south out of the floodplain.
City	of Markham Draft Zoning By-law Amendment (*)		
Greg	Nelson		
Jan	18, 2023	T	
2.	The proposed by-law amendment must align with Markham's standard zoning by-law template.	MGP	Requires direction from Staff as new CZBL to
3.	Normally lands would be rezoned into By-law 177-96, bringing forward existing zone categories and applicable development standards.	MGP	Noted.
4.	If any site-specific by-law, zone categories, definitions, development standards, general provisions, parking standards, etc., are proposed by the applicant, Planning staff will review the submitted draft by-law and make the appropriate changes for department review prior to BARC meeting.	MGP	Noted.
Polic	cy Review and Comment (*)		
	na Da Silva		
	17, 2023		
5.	Should Council consider this development proposal appropriate, please ensure OPA documents are circulated to Policy & Research for review prior to adoption.	MGP	Noted.
Natu	Iral Heritage Planning (*)		
	ck Wong, Senior Planner II, Natural Heritage		
	Iacobelli, Manager, Natural Heritage		
-	2, 2023		
over	all Comments		
6.	City staff agree with the overall findings that the cultural woodland (CUW1) is of low ecological diversity and contains a high proportion of non-native plant species. Nevertheless, staff believe this woodland community to be an important component of the City's natural heritage system given that it is contiguous with a large native woodland and valleyland feature. Its location on the landscape helps to improve the overall habitat size and shape and supports wildlife movement through the urban area and Don River watershed. As outlined below in comment #5, staff consider the CUW1 community to be a woodland feature and believe that any removal of this woodland should be compensated for in accordance with the principles of the TRCA Ecosystem Compensation Protocol and the City's Official Plan woodland policies. Revisions to the EIS and compensation plans are recommended to identify appropriate compensation ratios for the woodland feature. In staff's opinion, compensation of this natural features using conventional tree replacement ratios and tree appraisals is not appropriate as this approach does not adequately value the loss of ecological function and ecosystem services.	GEI	 As discussed within the Scoped EIS, the CUW not meet the minimum stem density requirem Regional, or City OPs. However, GEI appreciat community and adjacent valleylands. Compe Ecosystems Compensation Protocol and City' overall net ecological gain. As discussed within the Scoped EIS, the accu important to understanding the overall impac? This community is further discussed in the set will conclude the feature is a woodland due to would not meet the definition of a woodland in Only 0.53 ha of the CUW1 community is proper.

afe access to the National Centre and Temple, as well as the I the York Region Pumping Station, by raising Leslie Street to

to be adopted soon.

JW1 vegetation community within the Subject Lands does ements to be considered a woodland under the Forestry Act, ciates it is a component of the overall contiguous woodland pensation has been proposed in accordance with the TRCA ty's Official Plan woodlands policies to demonstrate an

curate ecological characterization of this community is acts and net benefit proposed within the compensation plan. second submission of the Scoped EIS, and although the EIS to its connectivity, it will also discuss that the community d if it were an isolated feature.

poposed for removal the remaining 0.24 ha will be managed es being kept on the landscape. Following the TRCA's was the required compensation area for the proposed in conceptual restoration plan. Additionally, to provide a ad, 4.6 ha of restoration efforts plus additional enhancements gical function will be maintained wherever possible before establish. Refer to the revised EIS for more details on the ed Tree Inventory and Assessment for tree removal impact.

			Additional effort has been made to maintain g construction of the temple.
7.	In principle, staff are supportive of the Landscape Restoration and Enhancement Strategy. The plan would expand forest cover and would add new lands to the natural heritage system. <u>Land Area</u> : The removal of ~0.75 ha of Greenway designated lands is offset through the restoration and protection of 2.0 ha of land at Restoration Area #1 (north portion of 7200 Leslie St). It is requested that these lands to be reforested be re-designated Greenway as part of the Official Plan and Zoning by-law Amendment.	GEI	The Scoped EIS has been revised to identify a compensation amounts (Section 8). Additiona amendments, and the lands in the northern p "Greenway" through the OPA and ZBA, this is Scoped EIS.
	Ecological Function and Forest Area: The removal of ~0.75 ha of cultural woodland and encroachment into ~0.15 ha of vegetation protection zones are offset through the restoration of ~4.5 ha of lands.		
	The intent of the TRCA Ecosystem Compensation Protocol to offset the land area and ecological function appears to have been achieved. The applicant is asked to revise the EIS to identify appropriate compensation ratios for the purposes of calculating ecosystem compensation amounts. Please also see Point #4 below to minimize encroachment in the significant woodland and/or VPZ.		
8.	The development requires a new parking lot, three welcome structures (two of which are existing structures), and an emergency access road below the top of bank and within an existing manicured area of the valley system. In general, development is to be directed away from hazard lands as defined under the Provincial Policy Statement and the Markham Official Plan (s.3.2.1.5). City staff defers to the TRCA to confirm that the policies of the PPS related to natural hazards have been met to their satisfaction.	GEI	Confirmation required as to referenced policy The proposal has been revised to consider the out of the flood plain. Although this option is Natural Habitat and Meadow and has been pr
	As it relates to natural heritage considerations, the establishment of new uses and the addition of new impervious surfaces and human activity within the valley system has the potential to impair ecological connectivity and wildlife movement. Stormwater run-off and erosion risks are also increased. The Markham Official Plan generally prohibits development in valleyland features (s.3.1.2.13) and seeks to maintain or improve landscape connectivity between natural heritage features (s.3.1.1.11). Staff have concerns that, without proper mitigation or restoration, there would be a net negative impact to the Greenway System and		The valleyland system in this location include down towards German Mills Creek. Map 6 of identify the Subject Lands as being within the Geotechnical Report and Stable Slope Analys area will not encroach nor impact the Long-Te hazard risk associated with the proposed dev
	valleyland feature. It is recognized that some removals of existing hard surfaces are proposed, however it would be highly desirable from an ecological perspective if all existing uses to the east of German Mills Creek could be converted into natural cover. These lands are at risk of flooding and erosion and are likely impairing natural wildlife movements along the main valley corridor. From staff's perspective, the decommissioning of these existing uses would further assist in demonstrating an overall reduction of risk to life and property as well as a net ecological gain within the valleyland feature.		The proposed uses referred to in this commen garage for welcome buildings (i.e. washrooms small parking area designed with the highest other green site technologies. The parking lor area. The Scoped EIS outlines that the open r habitat for bats; therefore, this location being ecological function, which would be lost if it w
	The next submission of the EIS should provide a discussion on how this has been duly considered and how this may be feasible or not for the Applicant.		enhancements target the creation of aerial in parking lot will replace the existing, open, law employs Low Impact Development (LID) option regarding the proposed 'green' parking lot have revised EIS. The second submission of the Sc 1.3.3, 1.3.4 and 4.9 within second submission development has considered applicable polici appropriateness of the proposed parking area
			Existing uses east of German Mills Creek inclu Valley / Mayfield Tennis Club). The proposal in removal of impervious cover and reconstructi the system. The applicant has been long term

n good quality trees in this area that are not impact by the

y appropriate compensation ratios and resulting ecosystem onal effort was spent discussing the Greenway System o portion of 7200 Leslie Street will be re-designated as is discussed in further detail within Section 5 of the revised

icy s.3.2.1.5 as it does not exist in Markham OP 2014.

the provision of a safe access route by raising Leslie Street is more costly, it avoids any impacts to the German Mills preferred by TRCA.

des several long-term stable top and toe of slopes as it steps of the Markham Official Plan – Hydrologic Features does not he valleyland system. Furthermore, in accordance with the ysis by Terraprobe (January 2024), the proposed parking -Term Stable Toe or Top of Slopes identified and no erosion evelopment.

nent include the reuse of the existing residential home and ms and reception space) with potential additions, and a st caliber of low impact development measures (LIDS) and lot is proposed to be located within the existing residential n residential area within the valleyland acts as foraging ng left as an open (non-treed) area maintains its current t was targeted for reforestation efforts. Additional insectivore foraging habitat though targeted plantings. The awn area with a highly sustainable 'green' parking lot that otions (e.g., permeable pavement). The policy discussion has been included within Sections 1.3.4 and 4.9 of the Scoped EIS includes additional policy review within Sections ion of the EIS that aims to demonstrate how the proposed licy direction. Additional discussion regarding the rea is provided in Section 6 of the revised EIS.

clude the Don Valley Education Centre (formerly Adventure al includes the decommissioning of most of the Tennis courts, ction of the valley slope for a significant ecological gain to erms stewards of this land and has committed to maintaining

			its ecological integrity while continuing to use seminars and events.
9.	Please review the ability to avoid encroachments into the vegetation protection zones of the significant woodland/valleyland features by shifting building and landscaping elements to the west. Based on the significant impact to vegetation on this site, all efforts shall be made to avoid impacts on the remaining key natural heritage features	GEI	The proposal has been modified to avoid enc it to the west as directed. Since the initial sub structure has been shifted to the west to the Updated EIS now includes a net encroachme overlap with one another.
Tech	nical Comments (EIS)		
10.	<u>Status of Cultural Woodland (CUW1) community:</u> City staff remain of the opinion that the application of stem density to discrete portions of a woodland community is not appropriate. Staff are particularly concerned with the precedent of applying this to discrete sub-units of a woodland as this could potentially affect areas of woodlands that have been affected by natural disturbances or other activities. Where necessary, stem density tests should only be applied across an entire contiguous woodland patch. Staff does not agree with the conclusion that the CUW1 community is not a woodland feature, however staff are of the opinion that portions of the cultural woodland may be considered for removal subject to a demonstration of overall net ecological gain to the natural heritage system.	GEI	See response to NH Comment #1 above. The submission of the Scoped EIS. Additionally, t calculations and more technical information of enhancement efforts. It is noted that most of the woodland commu communities generally characterized by native cover located to the east (Bercy (Wycliffe) Pa cultural woodland communities are also press (CUW1) and a Black Locust Cultural Woodlan Manitoba Maple (FODM7-7), a Category 1 inve characterization of these communities, the de and FODM7-7 communities are discussed fur
11.	<u>Significant Valleyland:</u> The EIS does not provide sufficient justification to conclude that German Mills Creek is a non-significant valleyland. The EIS suggests that only the "nine major river valleys" may be significant valleylands. Per the Natural Heritage Reference Manuals, tributaries may be assessed as Significant Valleyland. In staff's opinion, German Mills Creek meets criteria for significant valley given it has a valley width >25m, contains natural ecosystems and provides a functional ecological connection to surrounding natural heritage corridors. We note that within the existing urban area, the minimum vegetation protection zone for significant valleylands is considered to be 10 metres from the top of bank or floodplain. Additional VPZs beyond the 10m standard are not required.	GEI	The EIS will be revised to confirm that the Ge
12.	<u>Figure 6 – Significant Natural Heritage Features:</u> The CUW1-3 and FODM7-7 are considered significant woodland features by the City. Please add these two ELC communities to the Significant Woodland layer in the EIS.	GEI	As stated in response to NH Comment #1, ba (CUW1-3* and FOMD7-7), the designation of appropriate. These communities will instead revised EIS, contingent upon the completion the restoration plan. This is discussed further
13.	<u>Access Road through City lands:</u> More information is required to be provided to fully assess potential ecological impacts on City lands. In particular, please identify the limits of grading required to upgrade the access road, and any potential impacts to vegetation within German Mills Meadow and Natural Habitat Park. Should any impacts be identified, please provide an overall mitigation plan for the re-establishment of vegetation. City staff note that this park is actively managed for grassland SAR birds, Bobolink and Eastern Meadowlark. Please ensure that all work in this area respect the City's management objectives.	Schollen, SCS	The existing route north of Leslie Street to Jo The existing German Mills Meadow and Natur mitigation plan is not required. Grading inforr access route option has been abandoned.

use this property for its programming which includes

ncroachments by reducing the size of the temple and shifting ubmission the temple size has been decrease and the ne extent possible. Please note that Section 7, Table 6 of the nent calculation as many of the proposed encroachments

he CUW1 community is discussed further in the second , the Scoped EIS has included additional compensation n relayed to the restoration concept as well as the proposed

nunities present within the Subject Lands are forest tive cover, with a contiguous connection to the greater forest Park). However, in addition to these communities, two esent within the Subject Lands, a Mineral Cultural Woodland and (CUW1-3*), along with one community dominated by nvasive species (Urban Forestry 2002). Based on the designation of significance is not appropriate. The CUW1-3* further in response to comment #7.

German Mills Creek valleyland is significant.

based on the characterization of the two communities of significance is for these communities was not considered ad be labeled as Candidate Significant Woodland within the on of the restoration and enhancement efforts identified in her in Section 4.3 and 7.1 of the Scoped EIS.

John Street is no longer proposed for the emergency access. tural Habitat will remain undisturbed and consequently a prmation is no longer required since the northern emergency

14.	Direct Trail between parking lot and place of worship:	Schollen, HPA	The direct stair to the upper location has bee
	The applicant is encouraged to review the feasibility for the direct trail based on the potential for significant alteration and disturbance to the valley slope. Please consider the ability to co-locate a direct pathway through the existing road access to the south.		the north side of the existing driveway to pro- the temple site.
Tech	nical Comments (OPA/ZBLA)		
15.	Please revise the draft Amendment schedules to include the CUM1-1 community proposed for reforestation (Restoration Area #1 in the EIS) to be re-designated and re-zoned to 'Greenway'. These restoration lands are intended for long term protection.	MGP	The Draft OPA & ZBA have been revised to in Greenway Area.
16.	The implementing OPA/ZBLA should be revised to require the preparation and implementation of a woodland compensation plan (Landscape Restoration and Enhancement Strategy) to the satisfaction of City staff.	MGP	The Draft OPA & ZBA have been revised to inc compensation plan.
Matt	ers for Detailed Design / Site Plan		
17.	The City Official Plan encourages conveyance of natural heritage lands and particularly hazard lands, into public ownership for their protection and stewardship. Staff recognize that certain portions of the natural heritage system are integral to the function of the campus site and are proposed to maintain in private ownership. Please review whether any of the lands (e,g., east side of Leslie St at Steeles Ave) are surplus to the overall operations and whether such lands would be appropriate for conveyance into public ownership.	MGP	We have reviewed the land ownership and pr and stewardship of these lands are important
18.	City staff look forward to working with the applicant at detailed design on trail design details. Staff support the general approach of the secondary, meandering trail which helps to minimize alterations to the valley slope and to avoid significant trees. Staff would be pleased to review specific alignments on-site with the applicant.	Schollen	Noted and agree that specific alignments will process.
19.	Detailed restoration plans will be reviewed at site plan. Staff have discussed with the applicant the abundant presence of invasive species in this location. Deer browse on newly planted vegetation will also need to be mitigated. We recommend a robust monitoring and adaptive management plan be prepared to ensure the long-term success of restoration works. At site plan, further discussion is required on timing and sequencing of restoration relative to the timing for removals. Restoration works shall occur as early in the process as possible.	Schollen	Noted and agreed. Restoration plans will be p
Conc	lusion		
20.	A revised EIS is required in support of the Official Plan or zoning by-law amendment applications. If you have any questions, please feel free to contact me at patrickwong@markham.ca	GEI	The EIS has been revised and resubmitted in
Tree	Inventory & Assessment Report		
	en Brouwer		
	15, 2022 – Jan 13, 2023	Caballan	The 0th edition duide for plant appreciael was
1.	City of Markham currently accepts the 9th Edition Guide for Plant Appraisal.	Schollen	The 9th edition guide for plant appraisal was Valuation & Compensation Matrix (Appendix
Appe	ndix A		
2.	Page 40: Recommendation A: ("Where proposed grading is allowed") Remove notations stating "where proposed grading allows". Coordinate with grading plans to confirm that proposed grading supports tree preservation.	Schollen	The wording has been revised as requested,
3.	Page 40: Recommendation D: identifies tress as dead or in poor condition Only trees that have 70% or more of the crown that is dead are exempt from compensation.	Schollen	Only trees that are over 70% dead wood have Valuation & Compensation Matrix (Appendix

een removed. A new walkway has been proposed parallel to rovide a pedestrian connection from the lower parking lot to

include CUM1-1 community proposed for restoration as

include requirements for the preparation of a woodland

programming with the landowner. The long-term retention ant to the Bahá'í Community and their programming.

vill be reviewed on site at the detailed design stage in the

e prepared at detailed design.

in support of the OPA and ZPA.

as used in the revised arborist report. Refer to the Tree ix B).

d, refer to the revised arborist report.

ave been exempted from compensation. Refer to the Tree ix B).

Appe	ndix B		
4.	Page 42: Include recommendation codes on each page of inventory or replace with preserve, injure, remove, dead	Schollen	Recommendation codes have been added as Matrix (Appendix A).
5.	Trees over 40 cm DBH to be preserved require appraisals	Schollen	All trees over 40cm DBH have been appraised Compensation Matrix (Appendix B).
6.	Page 45: Appendix B: Invasive Species Invasive tree species are not exempt from the City's Tree Preservation By-law	Schollen	All invasive species have been appropriately Valuation & Compensation Matrix (Appendix I
Арре	ndix D		
7.	Page 67: Underground Parking Mark the limits of the underground parking structure on the plan	Schollen/ HPA	The limits of the underground parking structu
8.	Page 67: Building Setback Increase building setback to South property line in order to accommodate the full tree protection zones and to provide adequate space for building over dig and safe access around building.	Schollen/ HPA	A 4600mm setback is proposed along the sou and space for construction around the buildin This setback will also provide enough width to New coniferous trees will be added to increas
9.	Page 69: Drop off Area Shift drop off location West to minimize impact on woodlot	Schollen/ HPA	To reduce the impact on the woodland, the d
10.	Page 70: Landscaping Minimize extent of landscaped/graded areas around temple site to reduce disturbance to woodlot	Schollen/ HPA	The temple has been relocated and reduced i the existing trees in good condition was taker designing the landscaping around the temple from removal of invasive species and planting
11.	Page 70: Wall Please elaborate on proposed wall to be constructed. This feature is not shown on the landscape concept plan. Please eliminate feature if it will have impact on existing vegetation.	Schollen/ HPA	Final grading and landscaping will be provide be taken to minimize impacts to existing vege
12.	Page 70: Tree Protection Fence Revise location of tree protection fence around building to account for space required for over dig and safe construction access around building	Schollen/ HPA	A minimum of 1200mm spacing is provided b account for over dig and construction access.
13.	Page 71: Trail Trail is shown on plan as continuing outside of Tree Preservation Plan limits. Provide tree inventory information for the area of the trail or remove trail from plan.	Schollen/ HPA	The alignment of the trail as illustrated is con the centreline of the trail will be completed as proposed trail.
14.	Page 73: Trail Alignment Remove staircase and trail from tree preservation plan drawing.	Schollen/ HPA	The trail is denoted with a dashed (for notation with the TRCA in the following stage at SPA. T
Tran	sportation Planning		
	ea Liu, Senior Transportation Engineer		
	y Lo, Manager, Transportation Planning		
	26, 2023	Г	
1.	Steeles Avenue is under the jurisdiction of City of Toronto. While not directly abutting Steeles Avenue, all the vehicular traffic will require access off Steeles Avenue. As such, the submission should be circulated to City of Toronto for comments.		Noted. City of Markham to circulate submission
2.	The TIS documented a number of different events/programs that could occur throughout the calendar year but the Nineteen Day Feast, which staff understand is also a regular community gathering, is not referenced in the TIS. A detailed description of the Nineteen Day Feast and the frequency and time duration of the regular activities related to the Nineteen Day Feast at the Bahai Centre should be included in the study to provide clarity in terms of trip generation and overall parking demand of the site.		Based on correspondence with staff at the ex Feast is a regular celebration of local commun level and therefore the event will not generate submission considers a 'first principles' appro which analyzes the anticipated usage related principles' methodology is further explained i

as requested. Refer to the Tree Inventory & Assessment

ed as requested. Refer to the Tree Valuation &

y compensated for as requested. Refer to the Tree x B).

ture have been indicated on the plan.

outh end property. This will accommodate the safe access ling, using the right means and methods for construction. In to protect the existing trees that are proposed to remain. Pase screening along Waterloo Crt.

drop off area on the west has been shifted.

d in size, reducing the disturbance around it. The location of en into consideration when locating the building and le. No encroachments into the forest are proposed apart ng of native understorey trees and shrubs

led in more detail at the site plan approval stage. Effort will getation.

I between the proposed building and tree protection fence to s. Refer to the Tree Preservation Plans TP-1 and TP-2.

onceptual. A detailed tree inventory of the area within 6m of as a component of the detailed design process for the

ional purposes only) and will be defined and coordinated The direct staircase trail has been removed.

sion to City of Toronto.

existing Bahá'í National Centre, while the Nineteen Day nunities across Canada, it is not celebrated at the national ate any additional Site traffic. It is also noted that this proach based on the direction of the City (see comment #4) ed to each individual program scheduled at the Site. The 'first d in Section 7.2 of the revised February 2024 report.

3.	 Based on the applicant's submission: a total of 307 parking spaces are required as per Markham's parking by-law 28-97; and a total of 111-231 parking spaces are required as per the Draft Comprehensive Zoning By-law (presented to Council but not approved), whereas 202 parking spaces will be provided. The appropriateness of the parking by-law rate to be applied to the proposed development, including the place of worship space and National Centre, and the final parking requirement should be confirmed with the Zoning Examiner. 	BA Group	Revised. Zoning By-law requirement calculat requirement as per City of Markham Parking updated requirement as per the City of Markh appeal) is 189 parking spaces. In both cases requirements for the proposed temple. This i worship with regular scheduled services. The place of worship overstate the actual parking analysis using information associated with ot Section 7.2.2 of the resubmission. Based on estimated to be in the order of 100 parking s
4.	 Notwithstanding the aforementioned, the following comments are noted: a. Based on the City of Markham's Draft Zoning By-law, the parking requirement calculation should be based on the size in GFA of the place of worship and based on the number of occupants, whichever is greater. Please provide revised parking calculations for review. b. In support of the proposed parking supply reduction, please include a parking demand assessment using first principles' approach based on the various events and programs as identified in Appendix E of the TIS (similar to the trip generation assessment). This assessment shall be documented and submitted for review. 	BA Group	A parking demand analysis using information response to this comment. It will be provided demand analysis provided in Section 7.2.3 of National Centre and the proposed Bahá'í tem
5.	The TIS states that there are no loading requirements for the site based on City's By-law 28-97. It should be noted that the City's loading requirements are provided under City's By-law 177-96, and accordingly a requirement of 2 loading spaces.	BA Group	The proposed ZBA recommends one loading justification accordingly. The prevailing Zoning By-law 1767 does not proposed use. The new Comprehensive Zonin with a total gross floor area (GFA) of under 1, While it is noted that the loading requirement two loading spaces for uses with a net floor a requirement overstates the loading needs of generally to all non-residential uses and ther In this regard, the proposal is a house of wors therefore loading activities at the proposed S the various events programs held at the Bahá justification for the proposed loading supply.
6.	Please provide additional information and details on alternative transportation arrangements or "event- specific plans" for the National Convention. For example, please include any detailed overflow parking plan and/or any off-site parking arrangement. The alternative transportation arrangements or event-specific plans need to ensure there is no over-spill of parking onto adjacent streets during special events and any on-street parking availability and restrictions should be noted in the study as well.	BA Group	The property will manage traffic activity throu demand management (TDM) methods such a passes, and enhanced active mode routes. An available at the Don Valley Education Centre parking may be required. The resubmission p special events held at the Site. It is noteworthy that improvements to Leslie of a multi-use path (MUP) and the formalizati summarizes the improvements that could be address the operational challenges along Les generated traffic.

lations are provided as part of the resubmission. The updated og Standards By-law 28-97 is 435 parking spaces. The rkham's new Comprehensive Zoning By-law 2024-19 (under es, the City's By-law requirements overstate the parking is is because the proposed temple is not a typical place of therefore, the By-law requirements specified by the City for a ng demands of the proposed temple. A parking demand other Bahá'í temples was undertaken and included in on the results of the parking demand analysis, the demand is g spaces.

on associated with other Bahá'í temples was undertaken in ed with the updated resubmission. Based on the parking of the resubmission, the demand of the proposed Bahá'í emple is estimated to be in the order of 100 parking spaces.

g space for the proposal and the resubmission provides

ot contain details regarding loading requirements for the ning By-law would require one loading space for properties • 1,860 square metres.

ents provided under By-law 177-96 require a minimum of r area greater than 1,860 square metres, the zoning of the Project. The applicable zoning requirement applies erefore does not consider the unique nature of the proposal. orship which generates little to no loading activity and I Site is expected to be infrequent and concentrated during há'í National Centre. The resubmission provides a y.

rough event-specific plans by using a variety of traffic as shuttle buses, carpooling, transit information and Additionally, there are approximately 100 parking spaces re (7015 Leslie Street) for the few instances when additional provides details of the additional parking available for

ie Street to separate active modes through the construction ation of on-street parking. Section 8.0 of the resubmission be implemented in partnership with the City of Markham to eslie Street which will appropriately accommodate Site-

7.	Pedestrian and cycling connections from the subject site to the existing trail network within the German Mills Settlers Park should be provided to ensure continued public access. Further discussion is needed with Urban Design staff to assess the trail connections at the edge of the property to ensure trails are safe and accessible.	BA Group	The construction of a multi-use path (MUP) Steeles Avenue East all the way north to the as part of the "Leslie Street Safe Access So in conjunction with the other roadway impre- improve overall traffic conditions for all roa
8.	It appears that the east-west driveway at the terminus of Leslie Street also provides shared access to the golf club property located on the west side of the subject site and the access is restricted by a controlled gate. Please confirm any cross access easements that the subject site currently has with the neighbouring golf course property to the west. Confirmation will be required with the property owner to the west regarding the proposed vehicular easement configuration.	BA Group	The driveway access dividing the temple sit Bayview Golf and Country Club and is subje grants right-of-way to the NSA over, along, contact with Bayview Golf and Country Club concerns.
9.	The secondary emergency road is proposed connecting from the subject site to John Street to the north from the current terminus of Leslie Street through the German Mills Settlers Park via an existing trail that is to be updated. The secondary access route may not be feasible due to environmental constraints. This alignment is along City's unopened right-of-way and through existing park trail. Further discussion with Urban Design and Fire staff will be required to determine the feasibility of this emergency access alignment and possible alternative options.	BA Group	The emergency access route north from the proposed. Improvements to Leslie Street to preferred method to provide safe access to Waterloo Court and the Leslie Pumping Stat
10	The TIS notes that the site is well served by transit. However, there is currently no sidewalk connection to the transit stops on Steeles Avenue.	BA Group	The revised proposal includes enhancemen multi-use path (MUP) for pedestrians and c East to the new Lake-to-Lake Route and the
11.	Preliminary Site Plan Comments A site circulation plan for the site is required for further review to ensure efficient and safe pedestrian and vehicular movements for the entire site. It should include pedestrian crossings on Leslie Street and appropriate signage to provide guidance for on-site traffic circulation and management, and area for pick- up/drop-off activities. Please provide pavement markings and signs on the site plan to facilitate safe traffic operations.	BA Group	See revised Conceptual Site Plan. Addition
12		BA Group	Noted. Such will be provided at the Site Pla
13	Truck turning templates must be provided to demonstrate how large vehicles will maneuver through the site and at site accesses. Vehicle turning templates are also required to show ingress/egress of passenger vehicles at the parking lot aisles.	BA Group	Noted. Such will be provided at the Site Pla
14.	Internal site plan must be reviewed for AODA compliance (e.g. tactile plates).	BA Group	Noted. Such will be provided at the Site Pla
15	<u>Transportation Demand Management (TDM) Comments:</u> The City provides the following comments in regards to TDM:	BA Group	
16.	Active Transportation Network: The applicant shall provide and demonstrate a safe pedestrian and sidewalk network within the proposed site. Specifically, pedestrian connection on Leslie Street to enable safe crossing between the proposed buildings shall be included. The crossings would allow north-south crossing between the areas south and north of Leslie Street. The locations should be clearly shown on drawings for City's review.	BA Group / HPA	See response to #10 above.
17.	 Long-Term & Short-Term Bicycle Parking: The proposed bike parking (10 long-term and 50 short-term) shall be shown on drawing for City's review. The bike parking spaces should be distributed at each building and located as per description below: Long-term bicycle parking is intended to be used for long duration and regularly. The area shall be designated to protect bicycles parked for longer periods of time in an enclosed and secured area. Individual storage locker units are not considered as long-term bike parking. 	BA Group / HPA	Please be advised that the application is for time. Additional details regarding the locat Approval process.

along Leslie Street to provide safe public access from e Lake-to-Lake Route and the proposed temple are proposed lution". The addition of pedestrian and cycling infrastructure, rovements outlined in Section 8.0 of the resubmission, will d users along Leslie Street.

te property and the BNC lands is owned by the adjacent ect to a "Right-of-Way" easement (Inst. No. MA66705) that , and upon this strip of land. The applicant has been in b regarding the proposal and they have not expressed any

e terminus of Leslie Street north to John Street is no longer o raise it out of the floodplain have been identified as the o the subject lands and existing residential uses along tion.

nts to Leslie Street which would provide a new and separated cyclists and create a direct connection from Steeles Avenue e proposed temple.

al details will be provided at the Site Plan Approval phase.

In Approval phase.

In Approval phase.

In Approval phase.

r OPA and ZBA and we do not have this level of detail at this ing of bike parking will be provided during the Site Plan

	• Short-term or "visitor" bicycle parking is designed to be used for a few minutes up to a few hours.		
18.	They should be visible, and easily accessible, and placed by the entrance(s) of the building. TDM Plan: The Applicant shall provide a completed TDM Plan that includes detailed information of all TDM measures and the associated implementation costs at site-plan stage for City's review.	BA Group	Noted. A preliminary TDM Plan is proposed a resubmission. The specific TDM strategies w
19.	TDM Cost Summary: The Applicant shall provide the City with a complete list of all TDM measures to be implemented for the proposed development. The list will become conditions in the site plan agreement, along with a TDM-Letter of Credit (LC) contribution, no included as part of the construction costs. The cost summary will identify an appropriate Letter of Credit (LC) amount for the proposed development.	BA Group	Noted. Physical TDM measures proposed on provision of several new on-site pedestrian of Centre, and the existing trail connections in t measure proposed is the reconstruction and connection between the site and Steeles Ave multi-use path an attractive alternative to us proposed include the provision of information peak times and the operation of buses during measures will be confirmed and secured at t National Centre.
_	Review and Comment (*)		
	Yassi 17, 2023		
1.	Development engineering have no further comments on this application. Additional comments will be provided at the detailed design stage at the Site Plan application. This circulation pertains to the Official Plan and Zoning Amendment applications only. Please address all of the comments provided by Waterworks, Transportation and Environmental Engineering.	SCS	Noted.
Func	tional Servicing Review - Waterworks Comments (*)		
Abdu	ıllah Hossain		
<u>Jan 1</u> 1.	Page 1: As figures 2.1, 4.1, and 5.1 of the FSR&SWM are conceptual drawings, Waterworks will provide	605	Noted.
т.	comments during the detailed engineering drawings submission stage	SCS	Noted.
2.	Page 4: The proposed 3 levels underground parking may impact the groundwater. Please verify and briefly explain how the groundwater issue will be dealt with. Please note the City and the TRCA usually do not support the permanent dewatering.	SCS / HPA	The proposal has been revised to include onl new BNC building develops, underground lev
3.	Page 8: Quantity control shall be provided based on the allowable unitary release rate as per the TRCA Don River watershed criteria (Catchment 31)-See the TRCA guideline.	SCS	Per the information included in Appendix B, t requiring unit release rates. In addition unit r greater than 5 ha, which is greater than the p overall peak flow that is lower than existing.
4.	Page 13: Waterworks – Sanitary Capacity In Section 4.2 of the FSR, please include detailed calculation of the estimated sanitary flow of 4.8 L/s from the site.	SCS	Explanation of the sanitary calculation, criter design sheet have been explained in section in Appendix D – Sanitary Flow Calculations
5.	Page 13: Waterworks – Sanitary Capacity Based on the submitted FSR, the subject development appears to be institutional. However, the sanitary design sheet in Appendix D of the FSR included residential populations calculated based on 60 people/ha density. Please kindly update the design sheet to ensure consistency.	SCS	The sanitary design sheet, as shown in Apper institutional columns only and not residential
6.	Page 18: I am not sure if the proposed emergency access road through German Mills Settlers Park is acceptable or not. Please check with applicable staff (e.g. Park department, Fire & Emergency department, Development Engineering, Transportation Engineering, etc.).	SCS	The proposed emergency access road throug
7.	Page 21:	SCS	Per section 2.2 of the FSSR, the existing syst L/s. This is sufficient to take on the proposed

and outlined the revised TIS for the Zoning and OPA will be secured and provided at the Site Plan Approval phase.

In site include the provision of bicycle parking and the oconnections that would connect the Temple, the National in the meadow and public park. A significant off-site TDM of upgrade of Leslie Street to include a formal multi-use path venue, and the improvement of the streetscape to make the using the car to arrive to the site. Operational TDM measures ion to Bahá'í members to encourage transit use and avoid ng peak events to limit traffic activity. The various TDM t the Site Plan Approval phase for the Temple and/or the

nly one level of underground parking. Once the design for the evels will be studied.

, the proposed development falls outside of the Catchments t release rates are only required for areas of development proposed development area. Overall the site will have an

eria used, and values formulated from the sanitary sewer n 4.2 of the FSSR. Detailed Sanitary calculation can be found

endix D, has been updated to reflect values in the ial.

ugh German Mill Settlers Park is no longer proposed.

stem on Waterloo Court has an additional capacity of 250 ed development at existing storm maintenance hole EX.MH3.

	Who will maintain the outfall? If the City requires to maintain the outfall then it is preferable to use the existing outfall and upgrade the existing sewer as required (instead of a separate outfall). In addition, the TRCA may also object for the additional outfall.		The proposed development will therefore con outfall. A new proposed outfall is no longer re
Urban De Michelle I Jan 9, 20			
1.	Future Trail Alignment: Will this future trail alignment be a multi-use trail or a pedestrian only trail. Please specify.	НРА	TBD at Site Plan Approval
2.	Lighting: Ensure to provide adequate lighting along the pathway to enhance safety measures.	НРА	Noted. Lighting will be detailed at the Site Pla
3.	Comments Matrix: Please submit comments matrix chart to indicate how each comment is being addressed.	НРА	As follows.
4.	Pavilion/Mid-point Resting Spot: Is there an opportunity to provide a resting area and/or a pavilion at the mid-point of the pathway to the temple? At the oval looped area where the existing grades appear to be less sloped.	НРА	Will review this for Site Plan Approval.
5.	Pedestrian Path: Is there a reason why a direct staircase path is provided instead of the naturalized path that was indicated at the pre-con meeting?	HPA/ Schollen	The staircase has been removed and only the notational and conceptual elements, shown d planning.
6.	Labelling: Please provide a label to indicate that this trail is the "potential future stairway" as indicated on the landscape plan. Ensure all of the submitted drawings are consistent.	НРА	Noted. Refer to revised drawings.
7.	Parkland Dedication: Please note that we will be securing for parkland dedication cash-in-lieu payment at the agreement stage and a land appraisal report will need to be submitted to the City to calculate this fee.	НРА	Noted. To be provided during Site Plan Appro-
8.	Missing Walkway: There are missing walkways on the site plan. Please ensure to label all walkways on the site plan, which is to be consistent with the landscape plan.	HPA/ Schollen	Noted. Refer to revised drawings.
9.	Increase Landscape Buffer: Provide a larger landscape buffer along Leslie Street to screen some of the proposed parking to the immediate west.	HPA/ Schollen	The 2800mm landscape buffer along Leslie si
10.	Sidewalk: The proposed sidewalk is currently intruding to the landscaped area. Please provide detail showing proposed sidewalk leading from the national centre to the end of the street. Ensure the walkway does not conflict with the ramp to above-grade parking lot.	HPA/ Schollen	Conceptual site plan has been revised and add the Site Plan approval stage.
11.	Photometric Plan: Submit a photometric plan at the next submission stage and ensure lighting fixture is at 0.00, and there is no lighting spillage to the adjacent residential at the south property line.	НРА	Photometric Plan will be provided during Site
Urban De Michelle Jan 9, 20	esign – Floor Plan Comments (*) Wong		
12.	Proposed Staircase: Please ensure proposed staircase is AODA complaint.	НРА	Staircase has been removed.
Urban De Michelle I Jan 9, 20			
13.	Labelling: Ensure all proposed walkways are consistently labelled on the landscape and site plan.	HPA/Schollen	Noted and applied. Refer to revised drawings.

onnect to and utilize the existing storm sewer system and required.
Plan Approval stage.
he trail to the north is conceptually proposed at this time. All n dashed now and to be developed in the detailed stage of
roval.
e side is provided.
additional details regarding site design will be addressed at
te Plan Approval.
gs.

14.	Walkway:	HPA/Schollen	The design of the walkways and landscaping
	Ensure proposed walkway is not intruding to the landscaped area. Please provide detail on where the		site plan approval stage. A note has been add
	walkway leads to.		temple and associated landscaping will be su
Fire S	Services (*)		
Joe Lo	anni		
Jan 1a	8, 2023		
	The Fire Services has reviewed the application. At this time, the Fire Services doesn't have any comments to forward related to the Major Official Plan Amendment or the Major Zoning By-law Amendment. However, the Fire Services will provide comments should the plan move forward in this capacity. Each building associated within the submitted site plan will be subject to minimum Ontario Building Code requirements related to fire access and servicing. Site plan will likely have to be revised to accommodate minimum requirements as noted by the Fire Services at the appropriate time.		Noted.
Ops D	Dept Rev and Comment (*)		
Steph	en Dearborn		
Jan 9,	, 2023		
1.	No comments.		Noted.
Waste	e Dept Rev and Comment (*)		
Micha	iel DiPasquale		
Jan 1	7, 2023		
1.	Waste to provide comments on site plan submission.		Noted.

ng associated with the temple site will be addressed at the added to the drawings that states that the design of the subject to a future submission.

#	Toronto Regional Conservational Authority	Consultant	Response
	Comments (*)		
	lle Bates, Senior Planner, Development Planning and Permits 3, 2023		
	TRCA staff have reviewed the materials in Appendix 'A' and provide our detailed comments in Appendix 'B'. Overall, staff have identified the following fundamental matters that will need to be addressed before we are able to recommend approval of the OPA and ZBA:	MGP	Noted.
1.	Safe Access – Safe access to the proposed development will need to be demonstrated to the satisfaction of TRCA and the City of Markham in accordance with the PPS, provincial technical guidelines, TRCA policies and, as applicable, local emergency service provider. Based on the comments in Appendix 'B', further information regarding the existing hazard limits and the location and design of the future north access road is required to determine if it can be considered safe access.	MGP	The safe access route north to John Street is r Street are proposed to raise it out of the flood existing residential uses along Waterloo Court Details of the Leslie Street work will be submi See details in response to City Comments #1-
2.	Limits of Development – Once safe access has been demonstrated, the limit of development (including construction of buildings and structures, parking and hardscaping, on site stormwater infrastructure, grading, etc.) needs to be established to the satisfaction of TRCA and the City of Markham and in accordance with the PPS, municipal policies and TRCA's policies. Based on the comments in Appendix 'B' TRCA requires that the Temple (and associated site alteration) and new parking, accessory buildings and additions at 7290 Leslie Street be relocated outside of the Natural System (including hazardous lands and buffer), consistent with comments from the City of Markham regarding the Natural Heritage System.	MGP	See details above in response to City Commer
3.	OPA & ZBA Text and Schedule Modifications – The OPA and ZBA wording and schedules must ensure that a 10 metre buffer from natural hazards are designated and zoned for protection. In this regard, minor changes are required.	MGP	The OPA and ZBA and associated schedules h the Long Term Stable Top of Slope and survey
4.	Stormwater Management – A stormwater management strategy needs to be provided demonstrating how TRCA's stormwater management criteria will be satisfied. To support the stormwater management strategy, seasonal high ground water levels are also required.	SCS	The stormwater management section has bee development and how it will satisfy the TRCA' recent groundwater information has been inco
5.	Trail System – An appropriate trail location and design needs to be provided which minimizes impacts to the hazardous lands (valley) and does not aggravate erosion/slope stability or create new risks.Additional information and revisions to the current trail system are required as per Appendix 'B'. Note: While trails may ultimately be deferred to detailed design, given the complexities of this site and that determining an appropriate trail system and design may be an iterative process, TRCA recommends that the applicant continue working towards the trail solution through the OPA and ZBA process.	GEI, Schollen, HPA, MGP	The proposed stair trail has been removed fro as illustrated is conceptual and will be refined process.
	The list above captures overarching issues that need to be resolved prior to TRCA's support of the OPA and ZBA. This list is not exhaustive and the applicant is advised to review and address all comments in Appendix 'B'.	MGP	Noted.
6.	Application Review FeeIn accordance with TRCA's 2022 Planning Services Fee Schedule, a review fee in the amount of\$14,330.00 (OPA/ZBA - Major) is required. Please provide a cheque in this amount payable to Torontoand Region Conservation Authority to TRCA's Office (101 Exchange Avenue, Vaughan ON L4K 5R6).Please note, this fee covers our review of up to three submissions and up to two meetings. Additionally,any future municipal planning or TRCA Permit Applications will be subject to separate review fees inaccordance with TRCA's Permitting Services Fee Schedule in effect at that time.	MGP	Noted.

no longer proposed. Instead, improvements to Leslie d plain and provide safe access to the Subject Lands, rt and the York Region Pumping Station.
nitted under separate cover.
L-3.
ents #1-3.
have been revised to include the 10 metre buffer from
eyed dripline at the temple site.
een updated which outlines the SWM Strategy for the A's criteria at the site plan application stage. The most corporated into the updated report.
om the proposal. The trail alignment route to the north ad at the SPA stage and detailed design stage in the

#	Toronto Regional Conservational Authority	Consultant	Response
7.	RecommendationTRCA appreciates the applicant's early engagement on this project which has helped to progress certain matters. At this time there are matters related to safe access, limits of development, amendments to text and schedules, and stormwater management that need to be addressed prior to TRCA's support of an OPA and ZBA. We understand that the access and parking issues are complex and staff would be pleased to meet with the applicant and City and work towards solutions in an effort to expedite approvals. Following this we request a re-submission addressing our comments.We trust this is of assistance. Should you have any questions or comments, please do not hesitate to contact the undersigned at 437-880-2287 or michelle.bates@trca.ca .	MGP	Noted.
Append Feb 13,	dix 'B' : Detailed Comments – Submission 1 2023		
DPP- 1	TRCA Permit Please note the proposed works are located within the Regulated Area under Ontario Regulation 166/06. A permit from TRCA will be required prior to the commencement of any development (including construction, grading, site alteration/preparation, etc.) within our Regulated Area. A permit application can be made to TRCA once the project advances through the planning stages.		Noted.
DPP- 2	Planning Justification Report (PJR) The PJR should demonstrate conformity to all natural hazard policies within the Provincial Policy Statement. Of note is that discussion regarding safe access is omitted. Please see DPP-3 for further technical information required to demonstrate safe access. The PJR should also consider TRCA's Living City Policies and Ontario Regulation 166/06 as a permit from TRCA will be required and the development plan brought forward through this OPA and ZBA will also need to be supportable from a permitting perspective.	MGP	Section 4 of the Planning Report by MGP has including safe access. Additional discussions and O Reg 166/06 in both the Planning Repo
DPP- 3	Safe Access In accordance with Policy 3.1.2 of the Provincial Policy Statement, Development and site alteration shall not be permitted within areas that would be rendered inaccessible to people and vehicles during times of flooding hazards, erosion hazards and/or dynamic beach hazards, unless it has been demonstrated that the site has safe access appropriate for the nature of the development and the natural hazard. Development (defined by the Conservation Authorities Act) within the Regulated Area must also meet TRCA's Living City Policies and the tests of Ontario Regulation 166/06, as amended or superseded. Throughout Pre-Consultation TRCA has identified safe access as an issue and encouraged the applicant to seek an access outside of the valley system. However, TRCA understands that the applicant is seeking safe access through an existing trail / unopened Right of Way located east of the development. The following information is required to determine if the proposed access can be supported in principle and as safe access.	GEI	An alternative safe access approach is propo limit.
	<i>Erosion hazard</i> a) Please provide a Meander belt / Fluvial Geomorphic Study identifying the erosion hazard limit associated with the channel migration, in accordance with TRCA's Meander Belt Width Delineation Procedures and provincial technical guidelines. This study was required as part of a complete application and not submitted.	GEI	The second submission of the Scoped EIS ind within Section 3.3. This section reviews and s for the TRCA's German Mills Sanitary EA. Thi Mills Creek and confirms that no hazard area development is proposed, and additional rele prepared by Terraprobe as part of this submi not located within an erosion hazard.

as been updated to demonstrate conformity to the PPS ons are providing regarding the TRCA's Living City Policies port and Updated EIS.

posed that involves raising Leslie Street out of the flood

included an in-depth discussion of the erosion hazard limit and summarizes the Erosion Hazard data prepared by Greck This work identifies the erosion hazard limit for the German reas overlap with the Subject Lands or the areas where relevant slope stability information is also reviewed as prission and reconfirming the proposed development is

#	Toronto Regional Conservational Authority	Consultant	Response
	b) Please provide a grading plan for the access road. The access must be outside of the meander belt and any unstable slope areas and where possible, the road be setback 6 metres from these areas to provide space for future maintenance or erosion protection works.	SCS	North access road towards John Street is no le Leslie proposed to be raised above the floodp under a separate cover.
	c) Please demonstrate that all grading works associated with the access meet TRCA Geotechnical Engineering Requirements (See GE-1).	SCS	North access road towards John Street is no l Leslie proposed to be raised above the floodp under a separate cover. The grading design o requirements
	d) Please identify any vegetation removals in the vicinity of the erosion hazard, and associated restoration areas.	GEI	The second submission of the Scoped EIS inc in Section 3.3.3; however, the conclusion is th limit and therefore there are no vegetation rer
	<i>Flood plain hazard</i> e) Please update the Regulatory flood plain delineation per Water Resources Engineering Comment 1 (WRE-1).	SCS	See the response to WRE-1
	f) Please demonstrate the access will be outside of Regulatory flood plain OR if avoidance of the Regulatory flood plain is not possible, provide a discussion regarding how access meets provincial technical guidelines for flood depths and velocities and a Flood Plain Analysis for any grading within the flood plain (demonstrating no adverse impacts to the flood plain or other properties).	SCS	North access road towards John Street is no le Leslie proposed to be raised above the floodp under a separate cover.
	g) Please identify any vegetation removals in the vicinity of the flood plain hazard, and associated restoration areas.	GEI	The second submission of the Scoped EIS will necessary within the floodplain hazard, however
	<i>General</i> h) Please identify any vegetation removals in respect of the proposed development, and associated restoration areas.	GEI	The Tree Inventory and Assessment as well a vegetation removals associated with the prop
	<i>Local Emergency Services</i> i) Please provide confirmation from the City of Markham that the access design satisfies local emergency service provider requirements.		City of Markham to confirm.
DPP- 4	Temple (7290 Leslie Street) – Limits of Development The proposed temple and associated site alteration works are within TRCA's Regulated Area under Ontario Regulation 166/06. A permit from TRCA is required for development within our Regulated Area and such development will need to satisfy our Living City Policies and the tests of our Regulation. Accordingly:	HPA, GEI, Schollen,	The proposed temple size has been reduced a construction zone around the temple and avoid Long-Term Stable Top of Slope. Additionally, only include invasive species removal and res
	a) Please relocate all development works associated with the temple (e.g., structures, retaining walls, amenity areas, grading, site alteration, vegetation clearing) outside of the 10 metre buffer to the Long Term Stable Top of Slope in accordance with TRCA's Living City Policies.		
DPP- 5	Parking and accessory buildings (7290 Leslie Street) – Limits of Development and Draft Official Plan Amendment TextThroughout TRCA's Concept Development Application process and municipal Pre-Consultation, TRCA has expressed concerns regarding intensification and/or re-development at the bottom of the valley at 7290 Leslie Street, which includes the new parking, buildings and additions to historical buildings, and retaining walls. This area is within TRCA's Regulated Area under Ontario Regulation 166/06 and is considered hazardous lands (see definition on Page 158 of LCP and definitions in the Provincial Policy Statement). Policy 8.4.4 of the LCP states that development within regulated area that proposes to modify hazardous lands is not permitted. Policies 7.5.2.2 b) and 7.5.2.4 a) also state that Natural Systems (Valley Corridors) not form part of the area to be designated or zoned for development under a	HPA, GEI, MGP	The proposed parking lot will replace the exis parking lot that employs Low Impact Develop The Scoped EIS also outlines that this open re habitat for bats, with high numbers of bats red surveyed in June of 2022. Therefore, this loca its current ecological function that would be lo enhance this ecological function, targeted spe plantings to bring in insects and other biota to

o longer being proposed. Instead the ex. Pavement of dplain. Details of the Leslie Street work will be submitted

o longer being proposed. Instead the ex. Pavement of dplain. Details of the Leslie Street work will be submitted of Leslie Street will meet the TRCA and City of Markham

ncludes a detailed discussion on the erosion hazard limit that the Subject Lands are outside of the erosion hazard removals to account for.

o longer being proposed. Instead the ex. Pavement of dplain. Details of the Leslie Street work will be submitted

vill identify any relevant vegetation removals that may be vever, none are proposed.

l as the Compensation Plan identify all proposed oposed development and associated restoration areas.

d and shifted to the west to provide additional void encroachments into the 10 metre setback from the ly, adjacent landscaping within the 10 metre setback will estoration of the landscape.

xisting, open lawn area with a highly sustainable 'green' opment (LID) options (see Conceptual SWM Plan by SCS).

n residential area within the valleyland acts as foraging recorded passing through this area over the 10 evenings ocation being left as an open (non-treed) area maintains e lost if it was targeted for reforestation efforts. To species will be incorporated into the buffer and dripline to continue the open foraging habitat on site.

#	Toronto Regional Conservational Authority	Consultant	Response
	Planning Act application, but rather, be designated and zoned in an appropriate environmental protection		The proposal has been revised to remove the p
	category. Accordingly:		to the temple. The proposal maintains that thi
			support the temple and beneficial from an eco
	a) TRCA continues to not support the proposed parking, additions and new structures within the valley, and encourage the removal and restoration of structures and hardscaping within this area. TRCA is		treed area to continue to support bat foraging a
	willing to explore alternative uses for the area within this area that would be subject to minimal risk and		Furthermore, is uniquely situated to support pe
	have lesser impacts to the valley corridor.		open space and trails, such as the Lake-to-Lak
			Section 8.4.5 of the Living Cities Policy states t
			regulated area may be permitted where it can
			appropriate technical reports, assessments, si
			that various conditions are met. The list below
			parking lot design addresses / will address the
			a) the control of flooding, erosion, dyna
			not be affected; N/A
			b) the risk to public safety is not increa
			parking lot is not located within an e
			c) susceptibility to natural hazards is n
			Geotechnical Study and EIS confirm
			hazard
			d) there are no adverse hydraulic or flu
			watercourses; the parking lot is loca
			e) there are no adverse impacts on the
			shoreline; N/A
			f) negative or adverse hydrological or e
			including wetlands, are avoided or miti
			g) intrusions on natural features, areas
			including areas providing ecological fu
			mitigated; Yes , intrusions into the na
			Plan illustrates maintenance of the h
			h) groundwater discharge which suppo
			ecological functions on-site and other
			maintained; Yes, see Hydrogeologica
			i) groundwater recharge which support
			ecological functions on-site and other
			maintained; Yes, see Hydrogeological
			j) access for emergency works and mai
			available; Yes
			k) TRCA's stormwater management cri
			and water balance for groundwater and
			based on the scale and scope of the pr
			FSR by SCS
			l) pollution, sedimentation and erosion
			minimized using best management pra
			facility design (whichever is applicable
			construction controls, and appropriate
			as part of the FSR by SCS

e proposed stair access from the parking lot up the slope this area is needed and appropriate for parking to cological perspective to be maintained as an open nonig activities.

pedestrian and cyclists activities for adjacent parks, ake trail.

s that development, interference or alteration within a on be demonstrated to the satisfaction of TRCA, through site plans and/ or other documents as required by TRCA, ow outlines, at a high-level, whether the current 'green' ne conditions presented in Section 8.4.5:

ynamic beaches, pollution or the conservation of land will

eased; Geotechnical Study and EIS confirm the erosion hazard

s not increased and no new hazards are created; **m the parking lot is not located within an erosion**

fluvial impacts on rivers, creeks, streams, or ocated outside the German Mills Erosion Hazard he natural coastal processes of the Lake Ontario

r ecological impacts on natural features and functions, nitigated; **Yes**

as and systems contributing to the conservation of land, functions and hydrologic functions, are avoided or

natural features are avoided and the conceptual SWM e hydrologic functions.

ports natural features and areas or hydrologic or er sites hydrologically connected to the site are cal Study

orts natural features and areas or hydrologic or er sites hydrologically connected to the site will be

cal Study

naintenance of flood or erosion control works is

criteria (water quantity, water quality, erosion control and natural features) have been met, where applicable, project; **Yes, see Conceptual SWM Plan as part of the**

on during construction and post construction is practices including site, landscape, infrastructure and/or ple based on the scale and scope of the project), ate remedial measures; **Yes, see Conceptual SWM Plan**

#	Toronto Regional Conservational Authority	Consultant	Response
			m) appropriate restoration works of s standards will be implemented; Yes a n) works are constructed, repaired an principles and approved engineering applicable based on the scale and sco Yes
			This information will be discussed in detail wi Scoped EIS.
DPP- 6	Draft Official Plan Amendment (Text & Maps): a) Please revise Maps 1-6 to place all of the hazardous lands and its buffer within the Greenway System designation and Natural Heritage System. The Provincial Policy Statement (2014) identifies hazardous lands along river systems as including the land covered by water to the furthest landward limit of the flooding hazard or erosion hazard limits (e.g., Long Term Stable Top of Slope). Therefore, the upper limit should be 10 metres from the Long Term Stable Top of Slope (unless other features require greater protection) and the lower limit should be the east property boundary as the valley continues off-site to the river.	MGP	See updated OPA Schedules
	b) Valleylands mapping on Map 6 should be revised to include the entire valleylands on 7290 Leslie Street (i.e., east property up to LTSTOS)	MGP	See updated OPA Schedules
	c) Please ensure that the Greenway System also reflects other lands (e.g., Significant Woodlands, restoration areas) as required by the City.	MGP	See updated OPA Schedules
	d) The trail requirements noted in Section 9.18.XX.3 require further review and input from a professional Geotechnical Engineer (please also see TRCA's Geotechnical Engineering comments). Please update Section 9.18.XX.3 based on design recommendations from the Geotechnical Engineer. Alternatively, to defer this to the Site Plan Application stage, please remove the current Section 9.18.XX.3 wording and replace it with the following: "Notwithstanding Policy 3.1.1.9, trails may be permitted within the Greenway System provided that that the design satisfies geotechnical engineering requirements to the satisfaction of Toronto and Region Conservation Authority and minimizes the impacts on the ecological integrity of the Greenway System to the satisfaction of the City of Markham."	MGP	OPA policy updated accordingly.
DPP- 7	Draft Zoning By-law Amendment (Text & Schedule) Schedule 1 needs to be revised to place all lands within 10 metres of the Long Term Stable Top of Slope within the Greenway 1 (GW1) Zone. Ensure that all other lands required by the City (e.g., Significant Woodlands, Significant Valleylands) are also zoned for protection.	MGP	See updated ZBA Schedule
DPP- 8	Trails Two trails (a staircase and walking trail) are proposed along the valley and TRCA's Regulated Area under Ontario Regulation 166/06. Section 8.10.3 and 8.10.5 of our Living City Policies provides policies for non-motorized trails which are focused on maintaining existing topography to the extent possible, demonstrating that the risk to public safety will not be increased / erosion hazards will not be aggravated, and minimizing intrusions into natural features, areas and systems contributing to the conservation of land. In this regard, Planning Staff provide the following comments:	HPA, GEI, Schollen	The proposal has been revised to remove the alternative route has been provided along the conceptually illustrated from the parking lot n to minimize impacts to vegetation and addres The second submission of the Scoped EIS inc proposed trail alignments. Additional policy of 4.9 within second submission of the EIS that a

f sufficient scale and scope in accordance with TRCA **s** and

and/ or maintained according to accepted engineering g standards or to the satisfaction of TRCA, whichever is scope of the project in accordance with TRCA standards.

within Section 4.9 of the second submission of the

he staircase from the parking lot to the temple, and an the existing driveway north of Lot 1. The trail alignment of north around to the temple has been notational located ress the grading requirements.

ncludes the revised development plans and associated y discussion has been included within Sections 1.3.4 and at aims to demonstrate how the proposed development

#	Toronto Regional Conservational Authority	Consultant	Response
	 a) Please minimize impacts and disturbances to the valley by limiting to one trail through the valley (also see PE-2 comment). Consider a secondary/alternative access to the temple on lands outside of the valley (e.g., north side of Lot 1). b) Please provide further discussion on how the trail is in the area of least impact considering both the erosion hazard and natural features associated with the valley c) Please show any required grading and/or retaining structures. d) Please outline any accessibility requirements or preferences. 		has considered applicable policy direction. Th SPA stage through consultation with TRCA and
Water	Resources Engineering (WRE)		
WRE- 1	Limits of Development and Access Road For TRCA review, please include the hydraulic cross sections on the floodplain map sheet to determine the accuracy of the plotted floodline. Please include the floodplain and associated floodplain setback on all relevant plans. For clarity, please include a floodplain mapsheet without the aerial image.	SCS	Figure 7.2 of the FSSR Report has been added from the TRCA's floodplain model and map sh floodplain analysis is being completed to illust assessment will be completed and submitted support of the SPA.
WRE- 2	Access Road It was noted an emergency access road is proposed for safe ingress and egress to the proposed development north along the Leslie street right-of-way. Please provide the limit of disturbance required to facilitate the grading of the proposed access road. Please ensure all development (grading and infrastructure) is located outside of the floodplain and floodplain setback. Please see DPP-5 for additional comments regarding the road.	SCS	North access road towards John Street is no lo proposed to be raised above the floodplain. D a separate cover.
WRE- 3	 Swm Please note at this time it is required that the Functional Servicing and Stormwater Management Report (SCS, October 2022) demonstrate the feasibility of the design to meet the TRCA's 2012 Stormwater Management Criteria. Based on this, additional information is required in the next submission for review and comment including but not limited to the following: a. Existing and proposed storm drainage plans illustrating the pre- and post-development catchment areas and imperviousness to the proposed outlet. b. Quantity control calculations defining the allowable release rates and demonstrating how the proposed on-site controls (i.e. underground storage chambers) will meet the allowable release rates in the post-development scenario for the 2 through 100 year storm events. c. Quality control calculations demonstrating the combination of proposed on-site LID measures (i.e. MTDs, grassed swales, and permeable pavers) will provide the required 80% TSS removal. d. Erosion control calculations demonstrating how unoff from the first 5 mm of rainfall over the proposed development will be retained on site with the proposed LID measures (i.e. grassed swales, pervious pavement, increased topsoil depth, and water reuse). e. Typical details for all infiltration based LIDs demonstrating the required drawdown time will be met based on in-situ infiltration testing at the proposed LID locations. f. Proposed LID drainage area and location plan. Please include discussion in the FSSR on the proposed SWM strategy for the proposed emergency access road. 	SCS	 We note that this application is in support of a provided to demonstrate the vision for the site any detailed SWM evaluation and associated or allowances for the proposed building and ame support of the OPA/ZBA application must be sinappropriate to request this level of detail at yet to use as a base for any SWM design purpor Concept Plan is irrelevant. However, as discuss based on the concept plan to demonstrate the the details of the SWM system may be modified design of the site and SWM infrastructure is provided at the site and SWM infrastructure is provided to volume requirements to achieve control volume requirements to achieve control volume will be achieved via under footprint and location, both of which will c. Quality control calculations can not be p detail design of the site plan. We have provided at the SP precedents in TRCA's jurisdiction, only p proposed within the buffer areas. Any h infiltration trenches will be outside of the site of the site source of the site source of the provided at the SP precedents in TRCA's jurisdiction, only p proposed within the buffer areas. Any h infiltration trenches will be outside of the site source of the provided of the source of the

The proposed alignment of the trails is be refined at the and the City.

ed to reflect the locations of the hydraulic cross-sections sheet and eliminate the aerial image. Note that a ustrate the proposed condition of Leslie Street. This ed to the TRCA under separate cover in advance of but in

longer being proposed. Instead, Leslie Street is Details of the Leslie Street work will be submitted under

an OPA and ZBA. Although there is a concept plan ite, there is no detailed plan available yet to undertake d calculations. Regardless of the proposed zoning menities, the SWM criteria established in the FSSR in e satisfied prior to the City approval. We believe it is at the OPA/ZBA stage since there is no Site Plan available poses so anything we assume at this stage using the cussed, we have provided a preliminary SWM assessment he SWM criteria can be satisfied, however we note that fied at the Site Plan Application stage once a detailed prepared.

storm drainage plan has been provided.

e modified rational method have been provided for the National Centre, parking lot) to provide potential quantity ve the 2-100yr level of control. We have assumed this iderground chambers and have provided a preliminary vill be confirmed at the SPA stage.

e provided at this early stage since this would require a control measures which we can not provide at this stage provided a toolkit of LID measures which can be utilized irement including MTDs, grassed swales, infiltration les, raingardens or other LIDs. The detailed location of SPA stage. We note that in accordance with previous y passive LID such as bioswales or raingardens will be y hard infrastructure such as MTDs, pervious pavement or the buffers and the building placement must

#	Toronto Regional Conservational Authority	Consultant	Response
			 accommodate any required SWM measu d. Erosion control calculations have been p shown on the Concept Plan. The associate Centre and parking lot areas have been assumed to be included within the under however we note that at the Site Plan Application stage have been provided. Set this time, detailed drawdown calculation at the LID locations. However, as shown reports by Terraprobe dated December an anticipated infiltration rate of 22.8 m servicing and stormwater management 10.7m below ground. Detailed LID design provided at the SPA stage. Should infilted pursued.
WRE- 4	SWM The FSSR discusses the need for a new outfall to German Mills Creek. Per the TRCA's 2012 SWM Criteria, infrastructure associated with outfalls (e.g. headwalls, plunge pools) are required to be located outside of the meander belt and 100 year erosion limit. To ensure the feasibility of the proposed outfall, please demonstrate the proposed outfall will be located outside of the meander belt and 100 year erosion limit.	SCS	The City has requested that the existing outfal have shown this solution in the updated repor applies.
Plannir	ng Ecology (PE)	-	
PE-1	The master plan, site plan and EIS figures identify the proposed temple and associated retaining wall within the 10m buffer from the dripline of the significant woodland and the limit of the developable area / limit of grading at or in close proximity to the top of bank and significant woodland dripline. Further to discussions at the site visit, the temple should be moved west, as well as associated retaining walls and grading to avoid conflict with these constraints. It is understood that removal of invasive species throughout the buffer from dripline to the significant woodland is proposed. Such efforts are supported. However, grading within this area and the placement of retaining walls and hard landscaping elements are not supported.	HPA, GEI, Schollen	The Conceptual Site Plan has been revised so construction grading are not located within the
PE-2	Various plans show a staircase from the log house site directly to the temple. Building on previous discussions, TRCA does not support this as the disturbance to the slope required for construction would be significant. If a direct pedestrian connection between the log house site and the Temple is required, please propose a route along the northern edge of Lot 1 at 7200 Leslie St. Please remove the staircase from all plans.	HPA, GEI, Schollen	The staircase has been removed.
PE-3	Previous discussions on the proposed parking in Lot 2 near the log house explored options in more active, development heavy portions of the site. It does not appear that an analysis of alternatives to placement of parking near the log house has taken place. One option discussed was the placement of a row of spaces along the northern limit of Lot 1 where traffic, lighting and other anthropogenic influences are greater. Additional rows of parking at the east end of Lot 1 should also be explored. Please provide an analysis of parking options that would avoid the conversion of lawn near the log house to parking.	HPA, GEI, Schollen	See Parking Analysis in Section 6 of the Updat provided in this location. Please see response to comment #8 from the
р	Please confirm the monitoring requirements and commitments for the various restoration efforts proposed. Monitoring is mentioned by Schollen specific to invasives removals. This is supported.	Schollen	Additional monitoring recommendations and a Restoration Strategy document to be prepared

asures.

n provided based on the potential impervious areas ociated control volumes for each of the Temple, National en shown. At this time, the associated volume has been derground storage facilities identified for quantity control, Application stage a portion of this storage may in fact be o features that could be provided throughout the site.

based LID measures that could be utilized at the Site Plan . Since we don't know where these LID will be located at ions can not be provided based on specific in-situ testing wn in the attached Geotechnical and Hydro-Geotechnical er 2023, the surficial soils at the site are Clayey Silt with mm/hr (as calculated in Appendix C of the functional nt report) and a groundwater depth of between 3.1 & esign and associated drawdown calculations will be iltration not be possible, filtration measures will likely be

tfall be utilized to limit multiple outfalls to the valley. We port and therefore assume that this comment no longer

so that the temple and any associated structures and the 10-metre setback from the LTSTS.

lated EIS for rationale and need for some parking to be

he City of Markham, above.

Ind associated costs will be incorporated into the red at the detailed design stage in the process.

#	Toronto Regional Conservational Authority	Consultant	Response
	Monitoring will also be required for planting and seeding success, erosion issues along the proposed trail and the gabion removal areas. No monitoring is explicitly included in Schollen's estimates. TRCA would be happy to assist in determining appropriate monitoring components, frequency and duration.		
Geote	chnical Engineering (GE)		
GE-1	 Emergency Access The next submission needs to demonstrate all the below with regard to the proposed emergency access (safe access): a. Please provide all grading information on a site/grading plan, cross-sections and longitudinal profile. b. Please avoid the use of retaining walls and any cut/excavation into the toe of slope. c. Please provide confirmation from a geotechnical engineer that the emergency access grading and earthworks have been reviewed and works meet global stability with a minimum factor of safety and will not adversely impact slope stability. Please refer to TRCA Geotechnical Engineering Design and Submission Requirements for more information. Geotechnical Report by Terraprobe: Determination of the LTSTOS 	SCS	The access route through the unopened Leslie emergency access route.
GE-2	The determination of the Long-term Stable Top of Slope (LTSTOS) within the geotechnical report by Terraprobe is acceptable (i.e., the staked top of slope represents the LTSTOS).		Noted
GE-3	 Trails Overall, TRCA staff are very concerned that the proposed staircase and trail will result in disturbance to native soils and will exacerbate the slope hazard. Development Planning and Permits and Planning Ecology staff have expressed concerns regarding impacts of multiple trails and recommend the removal of the proposed staircase from the log cabin to the temple (see DPP-3 and PE-2). Geotechnical Engineering staff note that only conceptual information has been provided regarding the proposed trail; however, the disturbance footprint for a trail is typically wider than the ultimate trail footprint due to construction and grading requirements. The proposed trail will likely need grading/earthworks, stabilization, and may require retaining structures (example: see Cross-section D-D3 within the geotechnical report as well as the location of switchbacks on the site plan). Further, the introduction of any retaining walls can be problematic in the long-term. Retaining walls can become deteriorated and lose of their stabilization effects and their failure and/or remediation works can disturb hazardous lands. Provide an updated Geotechnical Report and grading plan addressing the following comments to determine the feasibility, location and design of a trail within the valley: a. Please provide additional grading details for the trail, including the extent of slope alterations (both temporary and permanent alterations) as well as the areas with retaining structures and stabilization measures to facilitate the proposed grade. Please outline how the trail construction will have a minimal footprint and disturbance. Should it be necessary for a portion of the trail to include a staircase (i.e., to minimize grading), helical piles should be used to reduce the area of disturbance. b. The proposed trail grading and earthworks need to be assessed by the geotechnical engineer to confirm that the measures are appropriate to achieve the global stability with a minimum factor of saf	HPA, GEI, Schollen	The stairway has been removed. All details re

slie Street ROW is no longer being pursued for the
regarding the trail will be addressed at SPA design stage.

#	Toronto Regional Conservational Authority	Consultant	Response
	d. Please ensure that the trail details presented is consistent with other TRCA comments (DPP-8 and PE-2).		
GE-4	Masterplan: restored tennis courts and existing toe retaining wall The masterplan identifies some existing tennis courts to be removed and restored at 7015 Leslie Street. Please clarify if the proposed works will result in any alterations to the exiting toe retaining wall.	Schollen	Notation has been added to the Restoration F LRES.
Hydrog	eology		
HG-1	Groundwater Levels The ground water levels provided may be close to the seasonal high, but may not have fully equilibrated. Please provide additional ground water level monitoring to confirm the seasonal high. This information is required at this time to support the proposed stormwater management strategy.	SCS / Terraprobe	Groundwater levels will continue to be monitor detailed SWM design at the SPA application s November 2023 are attached with the matrix upon completion of yearly monitoring.
HG-2	Dewatering It is unclear if the information provided was for construction or long term dewatering. Please confirm the Zone of Influence and dewatering discharge location associated with long-term dewatering. As foundation waterproofing may be necessary to avoid adverse impacts or long term maintenance issues, TRCA strongly recommends that long-term dewatering information be provided and considered at this time. Dewatering information should also be updated as the design progresses.	Terraprobe	 The dewatering was subdivided into three BNC National Centre: Proposed three and long-term dewatering rates were Visitor Centre, Lobby and Tunnel: S be calculated once the detailed design tunnel. Temple: Only short-term flow is expected at the BNC National Centre. Long term de groundwater seepage from the surroundid Hence there will be no zone of influence at storm sewer on Waterloo Court south of the acceptable level to be accommodated int (either upstream or downstream of SWM submissions. As an update to the project, level 2 and 3 been removed.
HG-3	Basal Heave As deeper foundations into saturated sands could be an issue and impact the proposed development plan, TRCA strongly recommends to investigate and address potential for basal heave at this time. Future drawings should include more information with respect to building names/underground parking locations, etc.	Terraprobe	The majority of the deeper foundation ex silt to silt and clay till/clayey silt to silt an was encountered below the till. This sand to lower the groundwater level and maint prior to and during the subsurface constru

Plan drawing and additional text will be provided in the

itored to provide seasonal information and will inform the stage. Groundwater elevations monitored until ix as **Appendix A.** Hydrogeology report will be updated

ree (3) structures:

ree (3) levels of underground car park. Both short term re calculated/modeled (see 6.2.2)

Short term and long-term flow will be finalized at a will sign is available for the visitor center and the connecting

pected during excavation, primarily storm water. port, the only long-term dewatering required will be dewatering will primarily compose of passive ding soils and will not involve any active pumping. e associated with long-term dewatering.

ther upstream or downstream of the collection of a sewer assessment completed for the existing f the site. runoff flows will be controlled to an nto the sewer system. The location of discharge M controls) will be detailed further in the upcoming

3 underground of the underground parking have

excavation would be within the generally hard clayey and clay with the exception of BH 6 where wet sand nd is very dense, and we recommended dewatering ntain it below the excavation base (at least 1.0 m) truction. Therefore, there is no basal heave concern.

#	York Region	Consultant	Response	
-	nal Comments			
	Whitney, MCIP, RPP – Director, Community Planning and Development Services			
	Ezer, Senior Planner 5. 2023			
ed T	Below is a summary of comments received from Regional Departments and Branches.			
	below is a summary of comments received nom Regional Departments and Dranches.			
rans	portation	1		
1.	Transportation Planning, Sustainable Mobility, York Region Transit (YRT), and Development Engineering have no objections to the OPA related to land use. Detailed technical comments and conditions will be provided at the subsequent stages of the proposed development, as appropriate.		Noted.	
	provided at the subsequent stages of the proposed development, as appropriate.			
Naste	ewater and Servicing			
	Infrastructure Asset Management (IAM) has reviewed the application in conjunction with the Functional Servicing and Stormwater Management Report (FSSMR), dated October 2022, prepared by SCS Consulting Group Ltd. IAM has the following comments:			
2.	Water Servicing The FSSMR states that the water servicing will be provided by connecting to the existing 300 mm watermain located in the Leslie Street ROW. A hydrant flow test was conducted on August 3, 2022, and the results indicate there is sufficient flow and pressure available for the site. In addition, a water model was completed by Municipal Engineering Solutions (MES) and the model supports that there is sufficient flow and pressure to service the proposed development. IAM has no further comments.	SCS	Noted.	
3.	Wastewater Servicing The FSSMR states that the wastewater services will be provided by connecting to the existing 200 mm sanitary sewer located in the Waterloo Ct ROW at the intersection of Waterloo Ct and Leslie St. Wastewater flows ultimately outlet to the Region's Leslie Collector Sanitary Sewer. A downstream sanitary sewer capacity analysis has been conducted and the results indicate there is sufficient capacity in the downstream sewers. IAM has no further comments.	SCS	Noted.	
4.	 Potential Construction Impact on Regional Infrastructure a) The Owner is advised that there are multiple regional sanitary trunk sewers in close proximity to the development. This includes the following: 1200 mm diameter Leslie PS South Header Sanitary Forcemain on Leslie Street 1200 mm diameter Leslie PS North Header Sanitary Forcemain on Leslie Street The integrity of the above Regional infrastructure shall be protected and maintained at all times during construction and grading of the proposed development. Please be advised that any construction works in close proximity of the sanitary sewers require the Region's review and approval prior to construction. Prior to final approval of the development application, detailed engineering drawings of the works proposed in the vicinity of the Regional infrastructure identified above shall be submitted to the Region for review and comments. b) All construction drawings showing works in close proximity to the Region's infrastructure shall include the following note for the Contractor (as applicable). "The integrity of the Region's 1200 mm twin forcemains on Leslie Street are to be protected at all times." c) The Region's Construction Administrator (ENVassetapprovals@york.ca) shall be invited to attend the pre-construction meeting and to do site inspection of the construction works in relation to Regional infrastructure. At least two weeks advance notice is required. 	SCS	Noted.	



#	York Region	Consultant	Response		
Water	r Resources				
5.	Water Resources Branch of the Public Works Department does not have any objections/concerns, subject to the following comments with the OPA application as it relates to Source Protection policy. Should the proposal change and/or the application be amended, Water Resources will require recirculation for comment and/or approval.	SCS	Noted.		
6.	Highly Vulnerable Aquifer (HVA) Should the proposed major development include bulk fuel (≥ 2500L) or bulk chemicals (≥ 500L) within the HVA, a Contaminant Management Plan (CMP) will be required prior to future Site Plan approval, for Water Resources review and approval.	SCS	Noted.		
7.	If a CMP is not required, a letter prepared by a qualified professional will be required in its place stating that the above noted activities will not be occurring.	SCS	Noted.		
Summ	Summary				
8.	York Region staff has no objection to the proposed the official plan amendment and zoning by law amendment in terms of land use, subject to the Region's and TRCA's comments being addressed as part of a subsequent submission.		Noted.		
	Should you have any questions or require further information regarding our comments, please contact Jason Ezer, Senior Planner, at 1-877-464-9675, ext. 71533, or by email at jason.ezer@york.ca.				

#	Additional Agencies	Consultant	Response			
Enbri	dge Comments (*)					
Jasle	en Kaur, Municipal Planning Coordinator, Engineering					
Dec 8	, 2022					
1.	Enbridge Gas Inc. does not object to the proposed application(s) however, we reserve the right		Noted.			
	to amend or remove development conditions.					
	ra Utilities Comments (*)					
	en Cranley, C.E.T, Supervisor, Distribution Design, ICI & Layouts (North)					
	ell Penner, Supervisor, Distribution Design-Subdivisions					
	, 2022	1				
1.	We have reviewed the proposed Application for Zoning By-law/Official Plan Amendment and have no		Noted.			
2.	objections to its approval, subject to the following comments (attached below). Alectra Utilities (formerly PowerStream) has received and reviewed the proposed Application for Zoning		Notod			
Ζ.	Bylaw/ Official Plan Amendment. This review, however, does not imply any approval of the project or plan.		Noted.			
3.	We have no objection to the zoning change with the understanding the new project must meet the		Noted.			
	clearances from our lines. In the event that the building commences construction, and the clearance					
	between any component of the building structure and the adjacent existing overhead and underground					
	electrical distribution system violates the Occupational Health and Safety Act, the customer will be					
	responsible for 100% of the costs associated with Alectra making the work area safe. All construction					
	work will be required to stop until the safe limits of approach can be established.					
4.	In the event the building is completed, and the clearance between the building and the adjacent existing		Noted.			
	overhead and underground electrical distribution system violates the any of applicable standards, acts or					
	codes referenced, the customer will be responsible for 100% of Alectra's cost for any relocation work.					
5.	The customer will be responsible for contacting our New Connections department. Based on the		Noted.			
	characteristics (type) of project and size this will determine if a Service Design (Layout) or an Industrial					
	Commercial or Institutional project (ICI) Service Application Information form will be required. Alectra					
_	will provide required standards upon request. This will avoid delays in the building process.					
-	rs Comments (*)					
	, 2022		Neted			
1.	No comments.		Noted.			
	Should you have any questions or require further information, please do not hesitate to contact					
Roll C	York Outside Plant Engineering. <u>vorkcirculations@rci.rogers.com</u>					
	<i>comments (^)</i> 3, 2023					
<u>1.</u>	No comments at this time.		Noted.			
	Catholic District School Board Comments (*)					
	, 2022					
1.	No comments.		Noted.			
	eil Scolaire Viamonde Comments (*)					
	l Stojc					
1.	No comments.		Noted.			
	ch Catholic School Board Comments (*)					
	Dec 30, 2022					
1.	No comments.		Noted.			
York	York Region Public School Board Comments (*)					
Jan 12, 2023						
1.	No concerns/issues.		Noted.			