

May 1, 2023



74 Berkeley Street, Toronto, ON M5A 2W7 Tel: 647-795-8153 | www.pecg.ca

Hydrogeological Investigation – 12148 Albion Vaughan Road, Town of Caledon, Ontario

Palmer Project # 1604602

Prepared For 12148 Albion Vaughn Inc.

April 21, 2023



April 21, 2023

12148 Albion Vaughan Inc. Mike Liburdi 27 Fenton Way Brampton, ON L6P 0P4

Dear Mike:

| Re: | Hydrogeological Investigation – 12148 Albion Vaughan Road, Town of Caledon, |
|------------|---|
| | Ontario |
| Project #: | 1604602 |

Palmer is pleased to submit the following report describing the results of our Hydrogeological Investigation for the property at 12148 Albion Vaughan Road, Town of Caledon, Ontario.

It is understood that the proposed development will consist of two mix-use condominium towers with 2levels of underground parking. Tower A will be 6-storeys, and Tower B will be 7-storeys. This report summarizes the results of the hydrogeological assessment, including a characterization of site geology, hydrostratigraphy, and groundwater conditions (i.e., groundwater levels, hydraulic gradient, and hydraulic conductivity). We have completed an effects assessment based on the site conditions and provided a series of hydrogeological development recommendations and considerations.

Please let us know if you have question or comments on this submission. Thank you for the opportunity to work with your team on this project.

Yours truly, Palmer

! Cile

Jason Cole, M.Sc., P. Geo. VP, Principal Hydrogeologist

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1. Introduction

Palmer was retained by 12148 Albion Vaughan Inc. to complete a Hydrogeological Assessment for a proposed mix-use condo development at 12148 Albion-Vaughan Road, Town of Caledon, Ontario. Currently, the site is occupied by an abandoned residential building, a small storage building, driveway, and open space. The proposed development will consist of two condominium towers at 6 and 7-storeys respectively (Towers A and B), with 2-levels of underground parking. The site plan for the development is presented in **Appendix A**, provided by Fausto Cortese Architects (FCA). The site is located approximately 370 m northwest of the intersection between Albion Vaughan Road and Highway 50 (**Figure 1**).

This report provides site information, including a characterization of site geology and hydrostratigraphy, groundwater conditions (i.e. groundwater levels and hydraulic conductivity), nearby water wells and Source Water Protection. Palmer has also completed an effects assessment based on the site conditions and provided a series of hydrogeological development considerations.

For construction dewatering in excess of 50,000 L/day a registration under the MECP Environmental and Sector Registry (EASR) is required. If dewatering exceeds 400,000 L/day a Permit to Take Water (PTTW) is required.

1.1 Scope of Work

Palmer's Hydrogeological Investigation was completed and includes the following main tasks:

- Obtain and review applicable background information including surficial geology maps, Ministry of the Environment, Conservation and Parks (MECP) water well records, and other appliable hydrogeology reports;
- Review site background data and borehole logs from Davroc Testing Laboratories (Davroc) Geotechnical Investigation in 2020;
- Characterize the hydrogeology of the site based on secondary source data and the results of Palmer's 2020 drilling program;
- Drill three (3) boreholes and install three (3) groundwater monitoring wells;
- Collect two (2) rounds of groundwater level measurements;
- Complete single well response testing (i.e., slug tests) to determine the hydraulic conductivity of the geological material;
- Conduct two (2) grainsize analysis to provide a hydraulic conductivity estimate;
- Complete a Section 59 Source Water Protection Screening with York Region to confirm Source Protection requirements;
- Assessment groundwater/ surface water interactions for the on-site drainage feature;
- Assess potential impacts from site development and provide a series of hydrogeological development considerations; and
- Produce a Preliminary Hydrogeological Assessment Report to support a submission to the Town and Conservation Authority as part of site development applications.





2. Regional Conditions

2.1 Surficial Geology and Physiography

A review of available online surficial geology mapping by the Ontario Geological Survey (OGS) was used to identify the overburden materials of the site (**Figure 2**). Underlying the site is the Halton Till deposit which consists of clay to silt textured till, which is derived from glaciolacustrine deposits or shale. Fine textured glaciolacustrine deposits, consisting of silt and clay, minor sand and gravel, can be found to the east of the site.

The site is situated within the Peel Plain physiographic region as seen in **Figure 3** (Chapman and Putnam, 1984). The general elevation for this region ranges from 150 to 230 meters above sea level (masl) and there is a gradual and fairly uniform slope toward Lake Ontario. The underlying geological material of the Peel Plain consists of dense, limestone and shale imbued till that is often covered by a shallow layer of clay sediment.

2.2 Bedrock Geology

The bedrock underlying the study area consists of the Georgian Bay Formation (**Figure 4**) (Armstrong and Dodge, 2007). This formation consists of shale and limestone. According to nearby water well records, bedrock is found at approximately 38 metres below ground surface (mbgs).

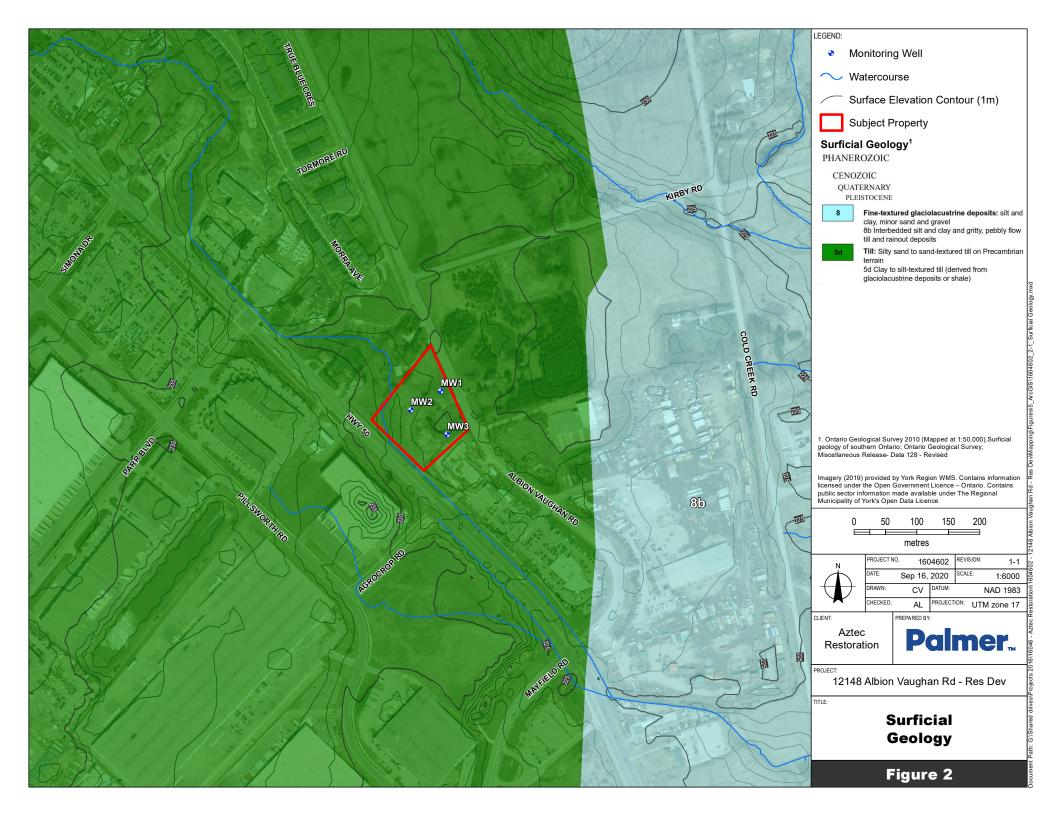
2.3 Drainage and Natural Features

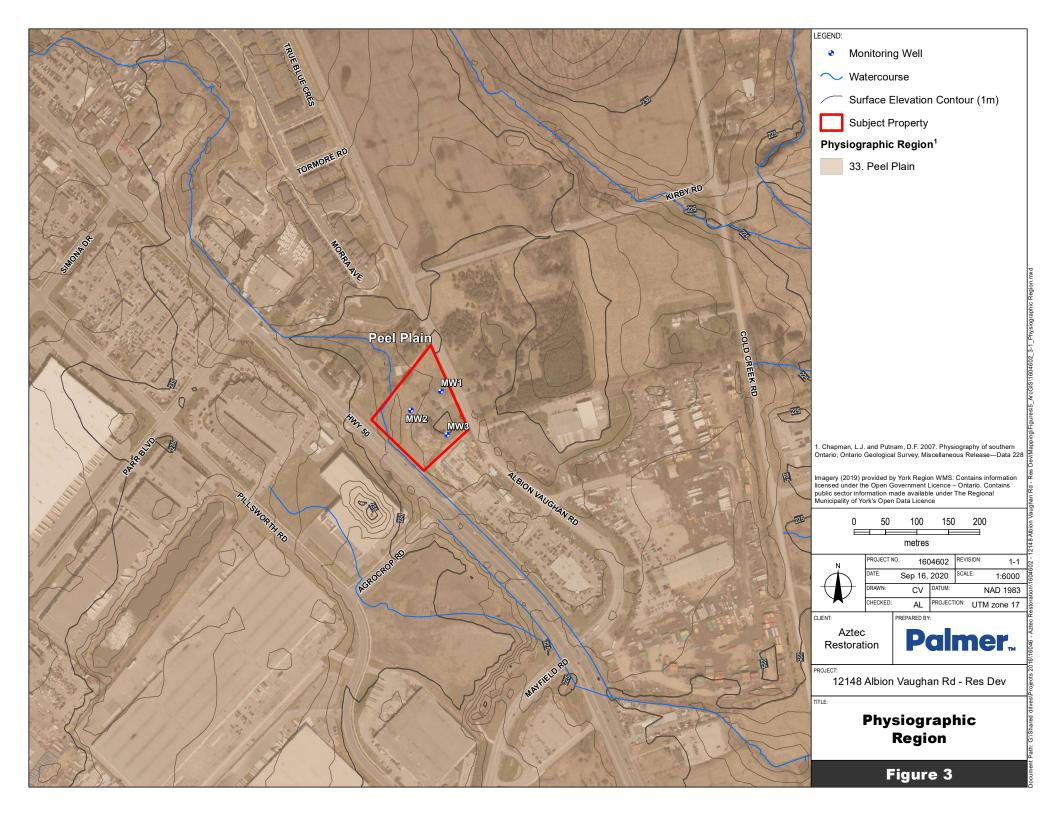
The site is situated in the Humber River Subwatershed, which encompasses 911 km² and is the largest in the Toronto and Region Conservation Authority's (TRCA) jurisdiction. Water from the Niagara Escarpment and the Oak Ridges Moraine flows down the Humber River into Lake Ontario. The main branch of the river flows 126 km. The site is found near the multiple tributaries where water eventually flows back to the Humber River.

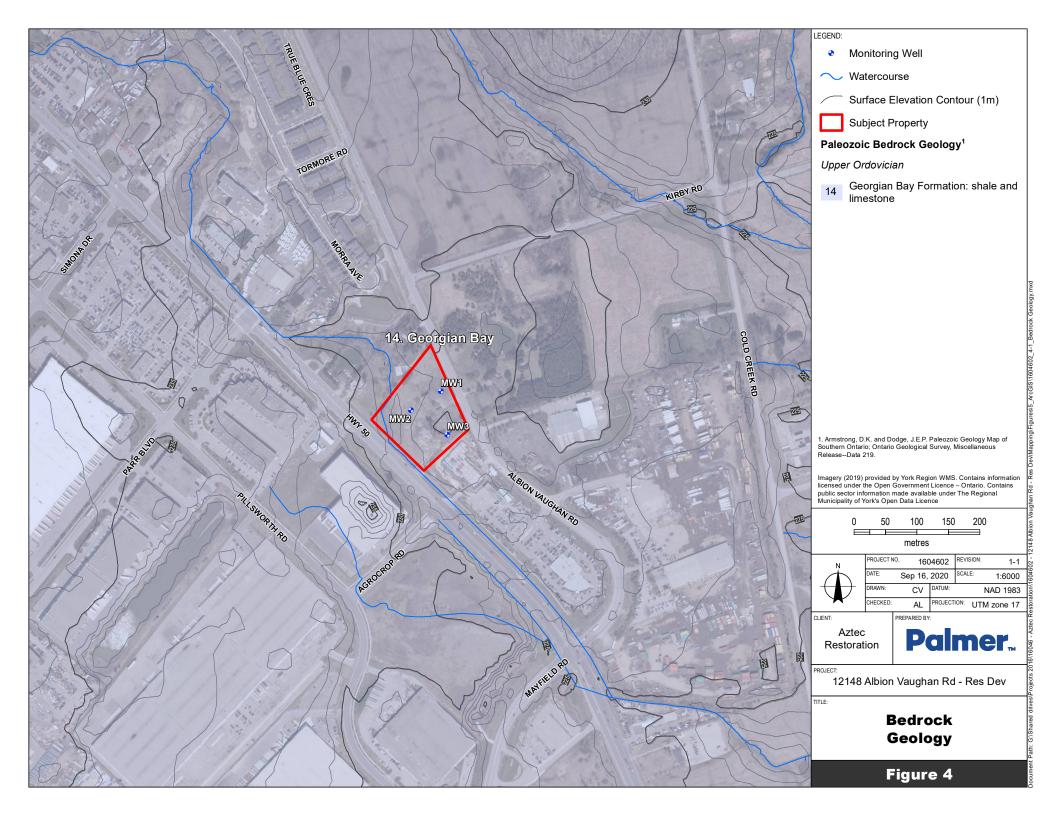
A small tributary intersects the west corner of the property (**Figure 1**). This channel has been historically realigned and appears to be perched on the till deposits.

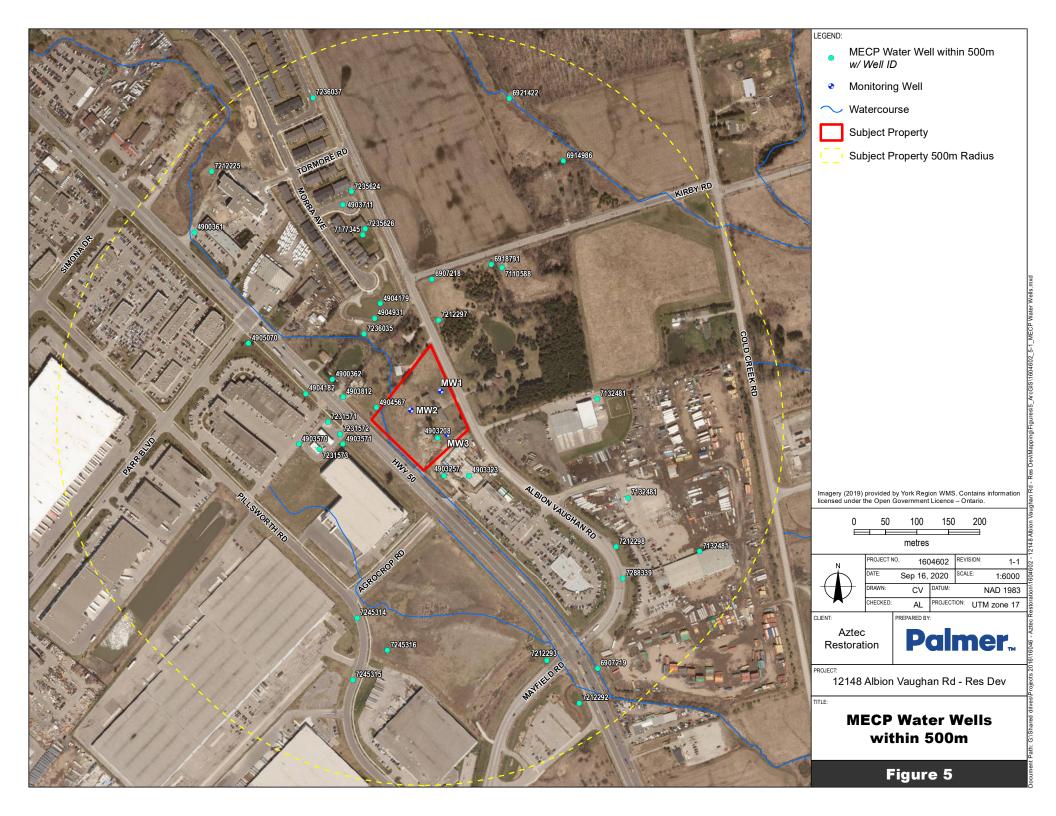
2.4 MECP Water Wells

Based on a review of the MECP water well record database, 42 water wells are situated within a 500 m radius of the project boundary (**Figure 5**). Of the water wells, 16 are for domestic use, 1 is for livestock and domestic, 1 is for industrial and domestic, 10 are for monitoring, 3 are for monitoring or test holes, 5 are not used, 1 is for other, and 5 are unknown. The depth of wells ranged from 4.6 to 62.8 mbgs, with an average depth of 31.3 mbgs. The static water level depth ranged from 2.4 to 33.0 mbgs, with an average of 23.4 mbgs. The well yield ranged from 3.8 to 37.9 L/min, with an average yield of 19.5 L/min. Additional details on each water well can be seen below in **Table 1**.









| Well ID | Date | Depth | Static Water Level | Well Yield | Well Use |
|--------------------|------------|--------|--------------------|------------|--------------------------|
| | Completed | (mbgs) | (mbgs) | (L/min) | Well 036 |
| 4900361 | 1953-11-25 | 13.7 | - | - | - |
| 4900362 1954-08-07 | | 47.9 | 32.3 | 15.16 | Domestic |
| 4903208 | 1969-03-28 | 54.9 | - | - | - |
| 4903257 | 1969-06-13 | 61.0 | 24.4 | 15.16 | Domestic |
| 4903323 | 1969-09-03 | 51.8 | 14.3 | 22.74 | Domestic |
| 4903570 | 1970-09-29 | 54.3 | - | - | Not Used |
| 4903571 | 1970-10-06 | 47.5 | 29.0 | 7.58 | Livestock and Domestic |
| 4903711 | 1971-08-25 | 62.8 | 2.4 | 3.79 | Domestic |
| 4903812 | 1972-04-25 | 50.3 | 28.0 | 22.74 | Domestic |
| 4904179 | 1973-07-18 | 51.2 | 20.7 | 15.16 | Domestic |
| 4904182 | 1973-02-15 | 53.6 | 18.3 | 7.58 | Industrial and Domestic |
| 4904567 | 1974-10-15 | 47.9 | 18.9 | 37.9 | Domestic |
| 4904931 | 1976-05-13 | 53.9 | 29.3 | 11.37 | Domestic |
| 4905070 | 1977-03-15 | 55.5 | 32.0 | 7.58 | Domestic |
| 6907218 | 1964-07-16 | 22.9 | - | - | - |
| 6907219 | 1964-08-31 | 42.1 | 27.4 | 37.9 | Domestic |
| 6914986 | 1978-10-10 | 55.5 | 32.9 | 37.9 | Domestic |
| 6918791 | 1987-02-05 | 55.8 | 29.0 | 11.37 | Domestic |
| 6921422 | 1981-03-02 | 23.2 | 15.5 | 37.9 | Domestic |
| 7110588 | 2008-07-31 | 18.3 | - | 15.16 | Domestic |
| 7110588 | 2008-07-31 | 18.3 | - | - | Domestic |
| 7110588 | 2008-07-31 | 18.3 | - | - | Domestic |
| 7132481 | 2009-09-14 | 7.5 | - | - | Monitoring |
| 7132481 | 2009-09-14 | - | - | - | Monitoring |
| 7132481 | 2009-09-15 | - | - | - | Monitoring |
| 7177345 | 2011-12-28 | - | 33 | - | Other |
| 7212225 | 2013-10-18 | - | - | - | - |
| 7212292 | 2013-06-12 | 7.6 | - | - | Monitoring |
| 7212293 | 2013-06-12 | 7.6 | - | - | Monitoring |
| 7212297 | 2013-06-12 | 9.0 | - | - | Monitoring |
| 7212298 | 2013-06-12 | 6.0 | - | - | Monitoring |
| 7231571 | 2014-10-16 | 6.1 | - | - | Monitoring and Test Hole |
| 7231572 | 2014-10-16 | 5.2 | - | - | Monitoring and Test Hole |
| 7231573 | 2014-10-16 | 6.1 | | - | Monitoring and Test Hole |
| 7235624 | 2014-11-03 | - | 30.5 | - | Not Used |
| 7235626 | 2014-11-03 | - | - | - | Not Used |
| 7236035 | 2014-10-14 | - | - | - | Not Used |
| 7236037 | 2014-10-14 | - | - | - | Not Used |
| 7245314 | 2015-07-16 | 4.6 | - | - | Monitoring |

Table 1. Water Well Records



| Well ID | Date Completed | Depth (mbgs) | Static Water Level (mbgs) | Well Yield (L/min) | Well Use |
|---------|-------------------|-----------------|------------------------------|-----------------------|------------|
| 7245315 | 2015-07-16 | 6.1 | - | - | Monitoring |
| 7245316 | 2015-07-16 | 6.1 | - | - | Monitoring |
| 7288339 | 2014-12-09 | - | 3.4 | - | - |

2.5 Source Water Protection

The site located in the Credit Valley, Toronto and Region and Central Lake Ontario (CTC) Source Protection Area. The Source Water Protection Plan identifies three main regulatory factors under the *Clean Water Act (2006)* relating to local hydrogeology to consider for site development: Significant Groundwater Recharge Areas (SGRAs), Highly Vulnerable Aquifers (HVAs), and Wellhead Protection Areas (WHPAs). Also, the Region of Peel requires a Section 59 Permit under the Clean Water Act (2006) when a proposed land development or change in activity is within a designated vulnerable area. The Section 59 permit designates whether the development or change in activity is prohibited by the Source Water Protection Plan or whether additional risk management plans are required.

Based on input from Peel Region staff, on November 19, 2020, and available MECP Source Protection information mapping (**Figure 6**), the site is not situated within Source Water Protection regulatory zones (HVA, SGRA, etc.) and will not require a Section 59 Permit. It was also confirmed that the site is not located within a WHPA-Q1/Q2 (recharge management) and is not subject to the recharge management policies under the Source Protection Plan.

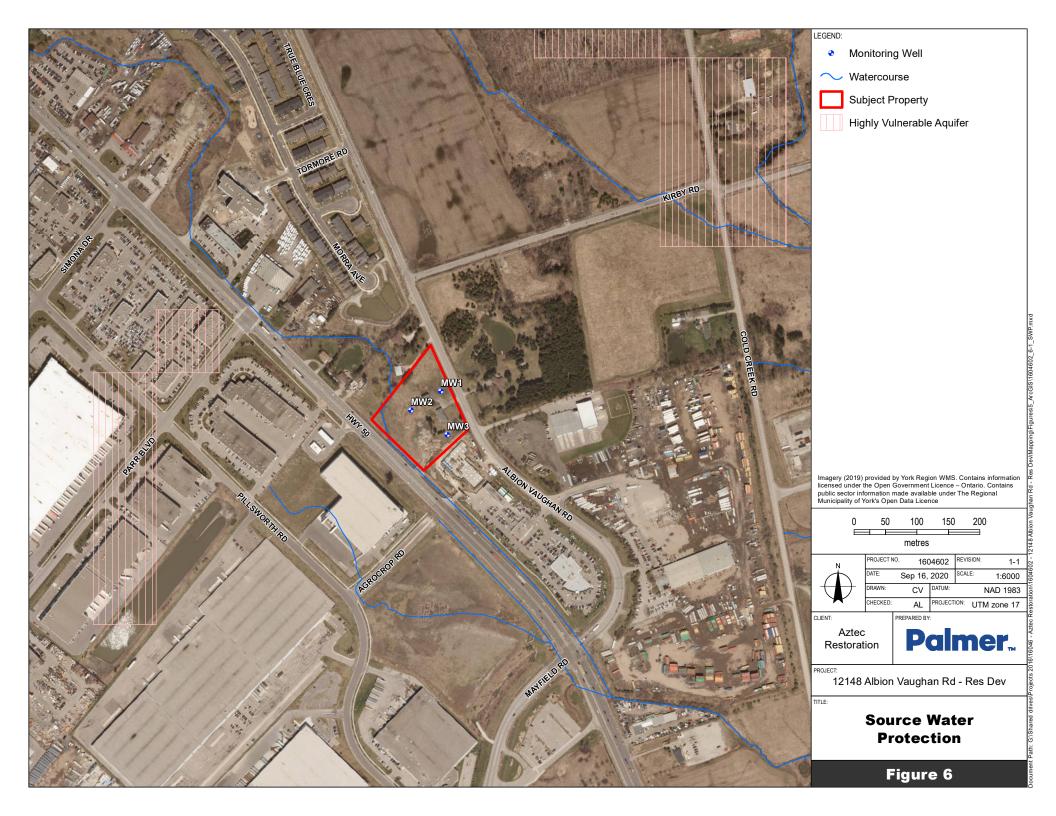
3. Site Conditions

3.1 Drilling and Installation of Monitoring Wells

As part of Palmer's hydrogeological investigation, three (3) boreholes (BH20-1 to BH20-3) were drilled on August 17, 2020. The boreholes were drilled using hollow stem augers, to depths ranging from 6.4 to 6.7 mbgs. All three (3) boreholes were completed as monitoring wells in accordance with Ontario Regulation 903. The monitoring wells are made of 5.1 cm (2 inch) diameter schedule 40 polyvinyl chloride (PVC) pipe, with a 3.0 m (10 ft) screened interval. Borehole and monitoring well locations are shown on **Figure 1**. Additionally, according to Davroc's Geotechnical Investigation (2020), six (6) boreholes were drilled between November 24th and December 11th, 2020 with depths ranging from 9.6 to 15.7 m. No monitoring wells were installed, and boreholes were backfilled upon completion. **Table 2** provides a summary of borehole and monitoring well details and borehole logs are provided in **Appendix B**.

| Borehole/ Monitoring Well | | Depth (mbgs) | Approx. Screened Interval (mbgs) | Geology |
|---------------------------|--------|-----------------|-------------------------------------|------------------|
| Delmor | BH20-1 | 6.7 | 3.6 - 6.7 | Clayey Silt Till |
| Palmer | BH20-2 | 6.4 | 3.3 - 6.4 | Clayey Silt Till |
| | BH20-3 | 6.7 | 3.6 - 6.7 | Clayey Silt Till |

Table 2. Borehole and Monitoring Well Installation Details





| Borehole/ Monitoring Well | | Depth (mbgs) | Approx. Screened Interval (mbgs) | Screened Geology |
|---------------------------|-----|-----------------|-------------------------------------|------------------|
| | BH1 | 15.7 | - | - |
| | BH2 | 15.7 | - | - |
| Davroc | BH3 | 12.8 | - | - |
| Davioc | BH4 | 9.6 | - | - |
| | BH5 | 11.1 | - | - |
| | BH6 | 11.1 | - | - |

3.2 Hydrostratigraphy

Hydrostratigraphic units can be subdivided into two distinct groups based on their ability to allow groundwater movement. An aquifer is classically defined as a layer of soil that is permeable enough to permit a usable supply of water to be extracted. An aquitard is a layer of soil that inhibits groundwater movement due to its low permeability. Shallow groundwater flow at the site is primarily influenced by the Halton Till hydrostratigraphic unit.

The Halton Till at the site consists of a clayey silt till that acts as an aquitard unit restricting groundwater flow. The clayey silt till aquitard can be found underlying the layer of fill in all boreholes (BH20-1 to B20-3) and was terminated in this deposit. In BH20-2, a thick silty clay layer was found at a depth of 4.7 mbgs and is found to be 1.5 m thick. This unit contains some silty sand and sand layers, allowing minimal groundwater to flow through. The hydraulic conductivity is estimated to range from 10⁻⁶ to 10⁻⁹ m/s.

3.3 Groundwater Level and Flow

Three (3) 50 mm diameter monitoring wells were installed to monitor stabilized groundwater levels. Stabilized groundwater levels were measured on August 26, 2020 (one week after borehole drilling) and on November 20, 2020. All wells were found to be dry. From the soil samples, it is observed the soil starts to turn grey at approximately 4.2 mbgs, and this can be interpreted as the water level during seasonal highs. **Table 3** shows the water levels in each monitoring well.



| Borehole/ Monitoring | | Groundwater Level (mbgs) | | |
|----------------------|--------------|--------------------------|-------------------|--|
| Well | Stick Up (m) | August 26, 2020 | November 20, 2020 | |
| BH20-1 | 0.77 | Dry @ 6.7 mbgs | Dry @ 6.7 mbgs | |
| BH20-2 | 0.81 | Dry @ 6.4 mbgs | Dry @ 6.4 mbgs | |
| BH20-4 | 0.83 | Dry @ 6.7 mbgs | Dry @ 6.7 mbgs | |

Table 3. Groundwater Levels

The Davroc Geotechnical Investigation notes some wet seams and some standing water was observed in all boreholes prior to backfilling, however, no groundwater levels were collected.

Most water is not expected to infiltrate into the ground from precipitation or snow melt, but instead become surface runoff due to the low permeability Halton Till aquitard at the surface. The runoff is expected to flow towards either the tributary on the west side of the property or into the drainage ditches surrounding the property. Based on the water level results, it is clear that the groundwater table is well below the depth of the on-site drainage feature. This feature is therefore interpreted to not be hydraulically connected to the water table nor groundwater supported.

3.4 Hydraulic Conductivity

As all three (3) monitoring wells were dry during the monitoring events, single well response tests could not be completed. To obtain hydraulic conductivity estimates for the soils, Palmer personnel submitted two (2) soil samples, Sample 7 in BH20-1 and Sample 6B in BH20-2, to Terrapex for grain size analyses (**Appendix C**).

Hydraulic conductivity estimates were calculated using Puckett's Method (Puckett, 1990) on the grain size analyses results. This method is typically used for calculating the hydraulic conductivity of low permeability silt and clay soils from grain size data by utilizing the percentage of clay in the soil.

Based on the Puckett's method, the geometric mean hydraulic conductivity of the Halton Till is approximately 1.1×10^{-8} m/sec and is found to be 1.2×10^{-7} m/s and 1.0×10^{-9} m/s for BH1 and BH2, respectively. The variability of the K values within the site are a result of the heterogeneity of the soils, where sand seams and clay layers can be found. The Halton Till layer is found to have a low hydraulic conductivity and will inhibit the flow of groundwater. **Table 4** provides a summary of the hydraulic conductivity values.



| Borehole | Borehole Sample # | | Solution | Hydraulic Conductivity (m/sec) |
|----------|-------------------|-----|----------|-----------------------------------|
| BH20-1 | 7 | 6.1 | Puckett | 1.2 x 10 ⁻⁷ |
| BH20-2 | 6B | 4.7 | Puckett | 1.0 x 10 ⁻⁹ |
| Geomean | - | - | - | 1.1 x10 ⁻⁸ |

Table 4. Hydraulic Conductivity Summary

4. Development Considerations and Potential Effects

4.1 Environmental Impacts

Based on the hydrogeological study, construction or site development will not cause an adverse effect to nearby natural features. Based on borehole logs and groundwater level monitoring, no groundwater was found on site to a depth of 6.7 mbgs. Only limited precipitation is expected to infiltrate from precipitation or snow melt, and the water balance is instead dominated by surface runoff due to the low permeability Halton Till aquitard found throughout the site. The runoff is expected to flow towards either the tributary on the west side of the property or into the drainage ditches surrounding the property along the road right of ways.

Based on the water level results, it is clear that the groundwater table is well below the depth of the onsite drainage feature. This feature is therefore interpreted to not be hydraulically connected to the water table nor groundwater supported and will not be affected by construction or site development.

4.2 Source Water Protection

Based on input from Peel Region staff and available MECP Source Protection information mapping (**Figure 6**), the site is not situated within any Source Water Protection regulatory zones and therefore, does not require a Section 59 Permit. No significant threat is expected which would require stormwater management and/or water balance restrictions.

It is confirmed that the site is not located within a WHPA-Q1/Q2 (recharge management) only has a limited recharge function. From a hydrogeological perspective, no infiltration-based mitigation is recommended.

4.3 Existing Water Users

Based on a review of MECP water well records within 500 m of the site, only 16 wells were determined to be for domestic use. The average depth of these wells is 31.3 mbgs. Based on the minimal estimated dewatering for the site and average depth of nearby domestic wells, no adverse impact to existing water users is anticipated.



4.4 Dewatering

The proposed site development consists of two mix-use condominium towers with 2-levels of underground parking, founded at approximately 7.2 mbgs (**Appendix A**). During site monitoring, no groundwater was observed in the wells, and the water table is therefore found to be below the depth of investigation at 6.7 mbgs. However, from the soil samples, it is observed the soil starts to turn grey at approximately 4.2 mbgs, which can be interpreted as the water level during seasonal highs. A dewatering rate estimate was conservatively calculated by using this as the anticipated seasonal high water level from the grey to brown soil transition as no actual groundwater was found on site. Based on the site plan, the construction dimensions for the underground parking structure are approximately 72 m by 114 m. The highest hydraulic conductivity value of 1.2×10^{-7} m/s was used.

Dewatering rate estimates (Q) for the proposed building was calculated using the following equation from Powers et. al (2007) for an unconfined aquifer:

$$Q = \frac{\pi K (H^2 - h^2)}{\ln \left(\frac{R_0}{r_e}\right)} + 2 \left[\frac{x K (H^2 - h^2)}{2L}\right] \qquad m^3 / s$$

| Where | κ | = | hydraulic conductivity (m/s) |
|-------|----------------|---|--|
| | Н | = | saturated thickness (m) |
| h = | | = | saturated thickness after dewatering (m) |
| | R_0 | = | radius of influence estimated using the Sichardt equation: |
| | | | $R_0 = 3000 * (H-h)^* \sqrt{K}$ (m) |
| | r _e | = | equivalent radius estimated by: |
| | | | $r_e = \sqrt{\frac{a * x}{\pi}} (m)$ |
| | | | Where a = trench width (m) |
| | x | = | excavation length |
| | L | = | line source distance (m) which is the greater of $R_0/2$ or 10 m |

Based on the above equation, it is estimated that up to 6,940 L/day of groundwater will be required to be discharged if groundwater is found 4.2 mbgs and is lowered to approximately 8 mbgs. As a contingency and to account for variability in the soil, an additional 10,000 L/day should be expected as a contingency for a total of 16,940 L/day during construction. Dewatering at these rates is expected to be managed effectively using sump pumps at the base of the excavation and can be discharged in the surrounding drainage ditches on site following mitigation for sediment. No long-term dewatering is expected to be required.

For construction dewatering in excess of 50,000 L/day a registration under the MECP Environmental and Sector Registry (EASR) is required. If dewatering exceeds 400,000 L/day a Permit to Take Water (PTTW) is required. As the anticipated dewatering rates are estimated to be less than 50,000 L/day, a PTTW or EASR is not expected to be required for this project.

A provision for the removal of stormwater from the excavation should be made. Assuming a 25 mm storm event over the excavation area of approximately 72 m by 114 m, could add 205,200 L requiring removal for a dry excavation. As this volume is completely stormwater, a PTTW or EASR would not be required,



however a discharge permit from the Regional of Peel would be required to discharge to the storm or sanitary sewer system.

5. Conclusions and Recommendations

The following summarizes the results our Hydrogeological Assessment to support development at the property at 12148 Albion-Vaughan Road, Town of Caledon, Ontario:

- Underlying the site is the Halton Till Aquitard, which consists of clay to silt textured till, which is derived from glaciolacustrine deposits or shale.
- A small tributary to the Humber River intersects the west corner of the property. This channel has been historically realigned and appears to be perched on the till deposits.
- Based on a review of the MECP water well record database, 42 water wells are situated within a 500 m radius of the project boundary. Of the water wells, 16 are for domestic use, 1 is for livestock and domestic, 1 is for industrial and domestic, 10 are for monitoring, 3 are for monitoring or test holes, 5 are not used, 1 is for other, and 5 are unknown.
- Over the entire the site, the water levels in the well were determined to be dry at depths of 6.4 to 6.7 mbgs. From the soil samples, it is observed the soil starts to turn grey at approximately 4.2 mbgs, and this can be interpreted as the water level during seasonal highs.
- Based on the grain size analyses, the geometric mean hydraulic conductivity of the site is approximately 1.1 x10⁻⁸ m/s and is found to be 1.2 x 10⁻⁷ m/s and 1.0 x 10⁻⁹ m/s for BH1 and BH2, respectively
- The site is not situated within Source Water Protection regulatory zones (HVA, SGRA, etc.) and will not require a Section 59 Permit. It was also confirmed that the site is not located within a WHPA-Q1/Q2 (recharge management) and is not subject to the recharge management policies under the Source Protection Plan.
- No significant threat is expected which would require stormwater management and/or water balance restrictions. It is not expected that construction will cause adverse effect to nearby natural features.
- Construction dewatering rate are expected to be very low to negligible for this project. An
 estimated rate of 16,940 L/day could be expected to account for variability in the soil. Dewatering
 at this rate will be manageable with the use of sump pumps, which can be discharged in the
 surrounding drainage ditches on site following mitigation for sediment. No long-term dewatering is
 expected to be required.
- Provisions should be to account for direct precipitation over the excavation area. A discharge
 agreement with Peel Region would be required to discharge stormwater to the roadside ditching.
- Based on a review of MECP water well records, no adverse impact to existing water users is anticipated.
- A Permit To Take Water (PTTW) or a registration on the Environmental and Sector Registry (EASR) from the MECP are not expected to be required for this project.



6. Statement of Limitations

The extent of this study was limited to the specific scope of work for which we were retained and that is described in this report. Palmer has assumed that the information provided by the client or any secondary sources of information are factual and accurate. Palmer accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or negligent acts from relied upon data. Judgment has been used by Palmer in the interpretation of the information provided but subsurface physical and chemical characteristics may differ from regional scale geology mapping and vary between or beyond well/borehole locations given the inherent variability in geological conditions.

Palmer is not a guarantor of the geological or groundwater conditions at the subject site, but warrants only that its work was undertaken and its report prepared in a manner consistent with the level of skill and diligence normally exercised by competent geoscience professionals practicing in the Province of Ontario. Our findings, conclusions and recommendations should be evaluated in light of the limited scope of our work.

The information and opinions expressed in the Report are for the sole benefit of the Client. NO OTHER PARTY MAY USE OR RELY UPON THE REPORT OR ANY PORTION THEREOF WITHOUT PALMER'S WRITTEN CONSENT AND SUCH USE SHALL BE ON SUCH TERMS AND CONDITIONS AS PALMER MAY EXPRESSLY APPROVE. Ownership in and copyright for the contents of the Report belongs to Palmer. Any use which a third party makes of the Report is the sole responsibility of such third party. Palmer accepts no responsibility whatsoever for damages suffered by any third party resulting from use of the Report without Palmer's express written permission. Should the project design change following issuance of the Report, Palmer must be provided the opportunity to review and revise the Report in light of such alteration or variation.

7. Closure

This report was prepared and reviewed by the undersigned:

Prepared By:



Nolan Boyes, M.Sc., P.Geo. Hydrogeologist

Reviewed By:

1. Cale

Jason Cole, M.Sc., P.Geo. VP, Principal Hydrogeologist



8. References

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Low Impact Development Stormwater Management Planning and Design Guide, Version 1.0 – Appendix C.



Appendix A

Site Plan (Fausto Cortese Architects, 2023)

| TOWER A + AMENITY | Faus MIX-I Locat 3560 | tion: Rutheford ro | DO DE∨ bad, Un | ELOPMI | ENT AT 12148 / | ALBION VAU | IGHAN R | D. B(| OLTON - CALEE | DON | | | |
|----------------------|--------------------------------|----------------------------------|---------------------|---------------|-----------------------|--|---------------------|------------------------|-------------------|-------------|-----------|-------------------|------------------------|
| + | Vaug | han, Ontario | | | | | | | | | | | |
| ITEM | | | Onta | rio Bui | Iding Code I | Data Matrix | x - Part | 3& | 9 | | | DBC Refere | n B unless noted |
| | | | | | | | | | | | | Division A or [C] | |
| 1 | Proje | ct Descriptio | n: 3 & 6 | Storeys | Condo Building | \boxtimes | New | | Part 11 | | 🛛 Pa | rt 3 | Part 9 |
| | | | | | | | Addition | | 11.1 to 11.4 | | 1.1.2. [A | N] | 1.1.2. 9.10.1.3. |
| | | | | □с | hange of Use | | Alteratio | n | | | | | 0.101101 |
| 2 | Majo | Occupancy | (s) | Group | o C | | | | | | 3.1.2.1. | (1) | 9.10.2. |
| 3 | Build | ing Area (m ² |) | NEW: 2 | 2400.72 m2 | тс |)TAL: 240 | 0.72 | 2 m2 | | 1.4.1.2 | [A] 1 | 1.4.1.2 [A] |
| 4 | Gros | s Area (m ²) | | NEW: 7 | 13010.64 m2 | тс | DTAL: 130 |)10.6 | 64 m2 | | 1.4.1.2 | [A] | 1.4.1.2 [A] |
| 5 | Num | per of Storey | S | Above | e Grade: 6 | Bel | ow Grade | e: 2 | | | 1.4.1.2 [| A] & 3.2.1.1. | 1.4.1.2 [A] 9.10.4. |
| 6 | Num | per of Streets | s/Fire Fi | ghter Ac | cess: 1 | | | | | | 3.2.2.10 | 8 3.2.5. | 9.10.20. |
| 7 | Buildi 3.2.2 | ng Classifica | ation: | | GROUP C | | | | | | 3.2.2.43 | 3 | 9.10.2. |
| | 0.2.2 | | | | | | | | | | | | |
| 8 | Sprin | kler System | Propos | ed 🖂 | entire building | 9 | | in lie | eu of roof rating | | 3.2.2.67 | , | 9.10.8.2. |
| | | | | | selected com | partments | | not | required | | 3.2.1.5 | | |
| | | | | | selected floor | areas | | EXI | STING NO CHA | NGE | 3.2.2.17 | , | |
| | | | | | basement | | | | | | INDEX | | INDEX |
| 9 | Stand | pipe require | d | | | \boxtimes | Yes | | No | | 3.2.9. | | N/A |
| 10 | Fire A | larm require | d | | | \boxtimes | Yes | Г | No | | 3.2.4. | | 9.10.18. |
| 11 | Wate | r Service/Su | pply is <i>i</i> | Adequate | 9 | \boxtimes | Yes | | No | | 3.2.5.7. | | N/A |
| 12 | High | Building | | | | \boxtimes | Yes | | No | | 3.2.6 | | N/A |
| 13 | Cons | truction Rest | rictions | | Combusti Permitted | ble | Non-con Required | nbus [.] d | tible 🔲 Bo | oth | 3.2.2.67 | , | 9.10.6. |
| | Actua | al Construction | on | | Combusti | ble 🖂 | Non-con | nbus | tible 🔲 Be | oth | | | |
| 14 | Mezz | anine Area (| m ²): N | /A | | | | | | | 3.2.1.1. | (3)-(8) | 9.10.4.1. |
| 15 | Occu | pant load ba | | | m²/person | imes | design o | of bui | lding | | 3.1.17 | | 9.9.1.3. |
| | | 0 | ccupan | cy: 350 | Load: | _ | | Load | : | | | | |
| 16 | Barrie | er-free Desig | n | | Yes | No (E) | (plain): | | | | 3.8 | | 9.5.2. |
| 17 | Haza | rdous Substa | ances | | Yes | 🖄 No | | | | | | & 3.3.1.19 | 9.10.1.3.(4) |
| 18 | R | equired Fire | | | ntal Assemblies | | | List | ed Design No. | | | 083 & .1.4 | 9.10.8. 9.10.9. |
| | 1 | sistance | | FF | RR (Hours) | | (| or De | escription (SB-3) | | | | |
| | | Rating FRR) | Floor: | | 1 | Hours | | | | | | | |
| | | | Roof: | | 0 | Hours | | | | | | | |
| | | | | FRR | of Supporting | | | List | ed Design No. | | | | |
| | | | | 1 | Vembers | | | or De | escription (SB-3) | | | | |
| | | | Floor: | | 1 | Hours | | | S1 | | | | |
| | | -1.0 | Roof: | | - | Hours | | | | | 0.0.0 | | 0.40.44 |
| 19 | | | | | of Exterior Walls | Existing B Proposed | | | Listed | ~ | 3.2.3 | Comb. | 9.10.14. |
| | Wall | Area of EBF (m ²) | L.D. (m) | L/H or H/L | Max. % of | % of | (Ца | | Design or | Com Con: | Co | nstr. Nonc. | Non-comb Const |
| Left | North | NO CHANGE | | - H/L | Openings – | Openings – | - | | Description – | - | . (| Cladding _ | - |
| Front | South | NO CHANGE | | _ | _ | | - | | _ | - | | - | _ |
| Rear | East | NO CHANGE | | _ | - | _ | - | | _ | - | | _ | _ |
| Right | West | NO CHANGE | - | - | - | - | - | | - | - | | - | - |

| TOWER B | Faust MIX-U Locat 3560 | |)O DE∖ bad, Un | /ELOPME | ENT AT 12148 / | ALBION VA | UGHAN RD. I | BOLT | ON - CALEI | DON | | |
|---------|---------------------------------|----------------------------------|---------------------|---------------|-----------------------|---------------------------|--|----------------|------------------------|------------|---|------------------------|
| ITEM | | | Onta | rio Buil | Iding Code I | Data Matr | ix - Part 3 a | & 9 | | | OBC Refer References are to Division | |
| | | | | | | | | | | | [A] for Division A or [C | |
| 1 | Proje | ct Description | n: 7 Sto | orey Conc | lo Building | \boxtimes | New | | Part 11 | | Part 3 | Part 9 |
| | | | | | | | Addition | 11. | 1 to 11.4 | | 1.1.2. [A] | 1.1.2. 9.10.1.3. |
| | | | | Cł | nange of Use | | Alteration | | | | | |
| 2 | Major | Occupancy | (s) | Group | С | | | | | | 3.1.2.1.(1) | 9.10.2. |
| 3 | Buildi | ng Area (m²) |) | NEW: 2 | 2092.75 m2 | т | OTAL: 2092.7 | 75 m2 | | | 1.4.1.2 [A] 1 | 1.4.1.2 [A] |
| 4 | Gross | s Area (m²) | | NEW: 1 | 4680.14 m2 | Т | OTAL: 14680 | .14 m2 | 2 | | 1.4.1.2 [A] | 1.4.1.2 [A] |
| 5 | Numb | per of Storey | s | Above | e Grade: 7 | Be | elow Grade: 2 | | | | 1.4.1.2 [A] & 3.2.1.1. | 1.4.1.2 [A] 9.10.4. |
| 6 | Numb | er of Streets | /Fire F | ighter Acc | cess: 1 | | | | | | 3.2.2.10 & 3.2.5. | 9.10.20. |
| 7 | Buildi 3.2.2. | ng Classifica 42 | ation: | | GROUP C | | | | | | 3.2.2.43 | 9.10.2. |
| | 0.2.2. | | | | | | | | | | | |
| 8 | Sprinl | kler System I | Propos | ed 🛛 | entire buildin | g | 🔲 in | lieu of | roof rating | | 3.2.2.67 | 9.10.8.2. |
| | | | | | selected com | partments | 🔲 no | t requ | ired | | 3.2.1.5 | |
| | | | | | selected floo | r areas | E> | ISTIN | G NO CHA | NGE | 3.2.2.17 | |
| | | | | | basement | | | | | | INDEX | INDEX |
| 9 | Stand | lpipe require | d | | | \boxtimes | Yes | N | c | | 3.2.9. | N/A |
| 10 | Fire A | larm require | d | | | \boxtimes | Yes | N | o | | 3.2.4. | 9.10.18. |
| 11 | Wate | r Service/Su | pply is a | Adequate | 1 | \boxtimes | Yes | N | C | | 3.2.5.7. | N/A |
| 12 | High I | Building | | | | \boxtimes | Yes | N | C | | 3.2.6 | N/A |
| 13 | Const | truction Rest | rictions | | Combusti Permitted | | Non-combu Required | stible | В | oth | 3.2.2.67 | 9.10.6. |
| | Actua | I Constructio | on | | Combusti | ble 🛛 | Non-combu | stible | В | oth | | |
| 14 | Mezza | anine Area (r | m ²): N | I/A | | | | | | | 3.2.1.1.(3)-(8) | 9.10.4.1. |
| 15 | Occu | pant load bas | sed on | | m²/persor | n 🖂 | design of b | uilding | | | 3.1.17 | 9.9.1.3. |
| | | | - | cy: 420 | Load: | _ | Loa | ad: | | | | |
| 16 | Barrie | er-free Desig | n | | Yes | No (E | xplain): | | | | 3.8 | 9.5.2. |
| 17 | Hazaı | rdous Substa | ances | | Yes | 🛛 No | | | | | 3.3.1.2. & 3.3.1.19 | 9.10.1.3.(4) |
| 18 | | equired Fire | | | tal Assemblies | | | | esign No. | | 3.2.2.2083 & 3.2.1.4 | 9.10.8. 9.10.9. |
| | Res | sistance | | | R (Hours) | | or L | Descrip | otion (SB-3) |) | | |
| | | Rating FRR) - | Floor: | | 2 | Hours | | | | | | |
| | | - | Roof: | | 0 | Hours | | | | | | |
| | | | | | of Supporting | | | | esign No. | | | |
| | | - | | | lembers | | or L | | otion (SB-3) |) | | |
| | | - | Floor: | | 2 | Hours | | | S1 | | | |
| 19 | Cnot: | | Roof: | | - | Hours | Building | | | | 2.2.2 | 9.10.14. |
| 19 | • | | | | of Exterior Walls | S - Existing I Propose | | | Listed | 0 | 3.2.3 | |
| | Wall | Area of EBF (m ²) | L.D. (m) | L/H or H/L | Max. % of | % of | (1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | esign or escription | Com Con | Constr. Nonc. | Non-comb Const |
| Left | North | NO CHANGE | | - | Openings – | Opening | s (110013) | | | - | St Cladding | |
| Front | | NO CHANGE | | - | _ | - | - | | _ | - | | |
| Rear | | NO CHANGE | | - | - | - | | | _ | - | - | _ |
| Right | | NO CHANGE | | - | _ | - | - | | _ | - | _ | _ |
| | | | | | | | | | | | - | |



| PROJECT ARCHITECTURAL DESIGN |
|---|
| CA Architects - FAUSTO CORTESE ARCHITECTS 590 Rutherford Road, Unit 7 Voodbridge, Ontario 4H 3T8 : 416-806-7000 |
| |

| PLANNING | |
|--------------------------|---|
| KLM PLANNING PART | V |
| PLANNING - DESIGN - | Ľ |
| 64 Jardin Drive, Unit 1B | 5 |
| Concord, Ontario | |
| L4K 3P3 | |
| T: 905-669-4055 | |

| | GENERAL NOTES |
|---|--|
| 1 | For landscaping, refer to landscape drawings |
| 2 | . For proposed grading, refer to landscape drawings and approved grading plan. |
| 3 | For detailed lighting plan, refer to lighting drawings. |
| 4 | . All perimeter existing information indicated taken from survey. |
| 5 | All work to be done in conformance with the 2012 Ontario Building Code (O.B.C., as amended) |
| | |

Albion Vaughan Road Condos

TNERS INC. - DEVELOPMENT

LANDSCAPE MSLA

MARTON SMITH LANDSCAPE ARCHITECTS 170 The Don Way West, Suite 206 North York, Ontario M3C 2G3 T: 416-492-9966

ENGINEERING CONSULTANTS TRISTAR ENGINEERING LTD.

8901 Woodbine Ave., Suite 116 Markham, Ontario L3R 9Y4 T: 905-604 -3801

HGC ENGINEERING - Howe Gastmeier Chapnik Limited NOISE - VIBRATION - ACOUSTICS 2000 Argentia Rd 1, Suite 203 Mississauga, Ontario L5N 1P7 T: 905-826-4044

ACOUSTIC

TRANSPORTATION CONSULTANTS PARADIGM TRANSPORTATION SOLUTIONS LIMITED 150 Pinebush Rd. Suite 5A Cambridge, Ontario N1R 8J8 T: 416.479.9684

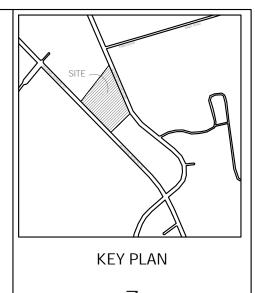
LANDS MASONG LIMITED 7800 Ker Markham L3R 2C7 T: 905-94

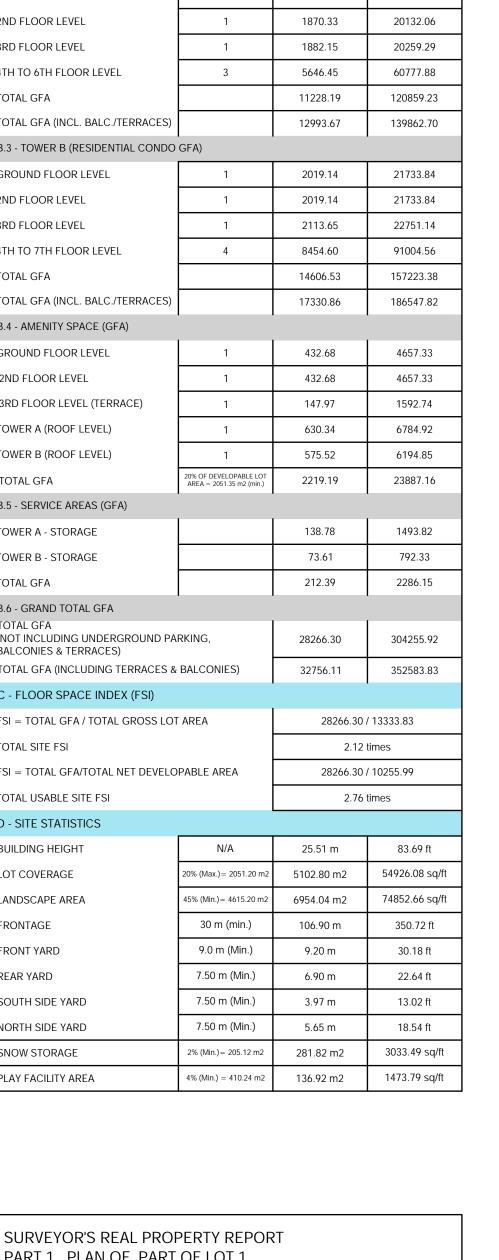
| | LIST OF ARCHITECTURAL DRAWINGS |
|-------|---|
| A1.0 | COVER PAGE |
| A1.1 | SITE PLAN |
| A1.2 | SITE PLAN - EXCAVATION AND FORMING PHASES PLANS |
| A2.0 | P1 LEVEL (TOWNHOMES, TOWERS A & B) |
| A2.1 | P2 LEVEL (TOWNHOMES, TOWERS A & B) |
| A2.2A | MAIN FLOOR PLAN TOWER A |
| A2.2B | MAIN FLOOR PLAN TOWER B |

| | LIST OF ARCHITECTURAL DRAWINGS |
|-------|---------------------------------|
| A2.3A | 2ND FLOOR PLAN - TOWER A |
| A2.3B | 2ND FLOOR PLAN - TOWER B |
| A2.4A | 3RD TO 6TH FLOOR PLAN - TOWER A |
| A2.4B | 3RD TO 7TH FLOOR PLAN - TOWER B |
| A2.5A | PENTHOUSE - TOWER A |
| A2.5B | PENTHOUSE - TOWER B |
| A2.6 | MAIN AMENITY CORE FLOOR PLANS |

| | LIST OF ARCHITECTURAL DRAWING |
|------|-------------------------------|
| A3.0 | ELEVATIONS |
| A3.1 | ELEVATIONS |
| A3.2 | ELEVATIONS |
| A3.3 | ELEVATIONS |
| A4.0 | BUILDING SECTIONS |
| | |
| | |

| SITE DEVELOPMENT - TOWN OF RM ZONE (MULTIPLE A - LOT AREA TOTAL LOT AREA GROSS SITE AREA (BEFORE ROAD WIDENING) DEVELOPABLE SITE AREA (AFTER ROAD WIDENIN NET DEVELOPABLE AREA B - GROSS FLOOR AREA B.1 - UNDERGROUND LEVEL | RESIDENTIAL ARE m2 15375.96 | |
|---|-----------------------------------|----------------|
| TOTAL LOT AREA GROSS SITE AREA (BEFORE ROAD WIDENING) DEVELOPABLE SITE AREA (AFTER ROAD WIDENING) NET DEVELOPABLE AREA B - GROSS FLOOR AREA B.1 - UNDERGROUND LEVEL QT | 15375.96 | |
| GROSS SITE AREA (BEFORE ROAD WIDENING) DEVELOPABLE SITE AREA (AFTER ROAD WIDENIN NET DEVELOPABLE AREA B - GROSS FLOOR AREA B.1 - UNDERGROUND LEVEL | 15375.96 | |
| DEVELOPABLE SITE AREA (AFTER ROAD WIDENIN NET DEVELOPABLE AREA B - GROSS FLOOR AREA B.1 - UNDERGROUND LEVEL | | 165505.46 |
| NET DEVELOPABLE AREA B - GROSS FLOOR AREA B.1 - UNDERGROUND LEVEL QT | NG) 13333.83 | |
| B - GROSS FLOOR AREA B.1 - UNDERGROUND LEVEL | | 143524.15 |
| B.1 - UNDERGROUND LEVEL | 10255.99 | 110394.56 |
| QT | | |
| | | |
| | Y. m2 | SQ/FT |
| PARKING LEVEL 1 - P1 1 | 8860.96 | 95378.58 |
| PARKING LEVEL 2 - P2 | 8860.96 | 95378.58 |
| TOTAL GFA | 17721.92 | 190757.16 |
| B.2 - TOWER A (RESIDENTIAL CONDO GFA) | · | |
| GROUND FLOOR LEVEL 1 | 1829.26 | 19689.99 |
| 2ND FLOOR LEVEL 1 | 1870.33 | 20132.06 |
| 3RD FLOOR LEVEL 1 | 1882.15 | 20259.29 |
| 4TH TO 6TH FLOOR LEVEL 3 | 5646.45 | 60777.88 |
| TOTAL GFA | 11228.19 | 120859.23 |
| TOTAL GFA (INCL. BALC./TERRACES) | 12993.67 | 139862.70 |
| B.3 - TOWER B (RESIDENTIAL CONDO GFA) | | |
| GROUND FLOOR LEVEL 1 | 2019.14 | 21733.84 |
| 2ND FLOOR LEVEL 1 | 2019.14 | 21733.84 |
| 3RD FLOOR LEVEL 1 | 2113.65 | 22751.14 |
| 4TH TO 7TH FLOOR LEVEL 4 | 8454.60 | 91004.56 |
| TOTAL GFA | 14606.53 | 157223.38 |
| TOTAL GFA (INCL. BALC./TERRACES) | 17330.86 | 186547.82 |
| B.4 - AMENITY SPACE (GFA) | | 1 |
| GROUND FLOOR LEVEL 1 | 432.68 | 4657.33 |
| 2ND FLOOR LEVEL 1 | 432.68 | 4657.33 |
| 3RD FLOOR LEVEL (TERRACE) 1 | 147.97 | 1592.74 |
| TOWER A (ROOF LEVEL) 1 | 630.34 | 6784.92 |
| TOWER B (ROOF LEVEL) 1 | 575.52 | 6194.85 |
| TOTAL GFA 20% OF DEVEL AREA = 2051. | | 23887.16 |
| B.5 - SERVICE AREAS (GFA) | | |
| TOWER A - STORAGE | 138.78 | 1493.82 |
| TOWER B - STORAGE | 73.61 | 792.33 |
| TOTAL GFA | 212.39 | 2286.15 |
| B.6 - GRAND TOTAL GFA | | |
| TOTAL GFA (NOT INCLUDING UNDERGROUND PARKING, | 20277.20 | 204255.02 |
| BALCONIES & TERRACES) | 28266.30 | 304255.92 |
| TOTAL GFA (INCLUDING TERRACES & BALCONIE | S) 32756.11 | 352583.83 |
| C - FLOOR SPACE INDEX (FSI) | | |
| FSI = TOTAL GFA / TOTAL GROSS LOT AREA | 28266.3 | 30 / 13333.83 |
| TOTAL SITE FSI | 2.7 | 12 times |
| FSI = TOTAL GFA/TOTAL NET DEVELOPABLE ARE | EA 28266.3 | 30 / 10255.99 |
| TOTAL USABLE SITE FSI | 2.7 | 76 times |
| D - SITE STATISTICS | | |
| BUILDING HEIGHT N// | A 25.51 m | 83.69 ft |
| LOT COVERAGE 20% (Max.) = | 2051.20 m2 5102.80 m2 | 54926.08 sq/ft |
| LANDSCAPE AREA 45% (Min.) = 4 | 4615.20 m2 6954.04 m2 | 74852.66 sq/ft |
| FRONTAGE 30 m (| min.) 106.90 m | 350.72 ft |
| FRONT YARD 9.0 m (| (Min.) 9.20 m | 30.18 ft |
| REAR YARD 7.50 m | (Min.) 6.90 m | 22.64 ft |
| SOUTH SIDE YARD 7.50 m | (Min.) 3.97 m | 13.02 ft |
| NORTH SIDE YARD 7.50 m | (Min.) 5.65 m | 18.54 ft |
| | 205.12 m2 281.82 m2 | 3033.49 sq/ft |
| SNOW STORAGE 2% (Min.) = 2 | | |





| SCAPE CONSULTANTS | |
|---|--|
| SCAPE CONSULTAINTS | |
| IGSONG ASSOCIATES ENGINEERING) ennedy Road, Suite 20 | |
| m, Ontario 7 | |
| 944-0162 | |

| PART 1 , PLAN OF PART OF LOT 1 |
|---|
| CONCESSION 7 (GEOGRAPHIC TOWNSHIP OF ALBION) |
| TOWN OF CALEDON REGIONAL MUNICIPALITY OF PEEL |
| scale as noted in original survey plan David B. Searles Surveying Ltd. ontario land surveyors |
| METRIC DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048 |
| BENCH MARK NOTE ELEVATIONS ARE REFERRED TO THE CITY OF BRAMPTON BENCHMARK No. 042010221, BEING A BRASS CAP IN CONCRETE APPROX. 21 m SOUTH OF CENTRELINE OF NASHVILLE ROAD AND 11 m EAST OF CENTRELINE OF REGIONAL ROAD 50, IN FRONT OF GAS STATION/COFFEE SHOP. HAVING AN ELEVATION OF 220.967 m. |

CAUTION LOCATIONS OF ALL UTILITIES ARE APPROXIMATE. ALL UTILITIES SHOULD BE CONTACTED PRIOR TO ANY DIGGING OR CONSTRUCTION.

NOTE PROPERTY LIMITS ARE NOT FENCED UNLESS OTHERWISE NOTED ON THE FACE OF THE PLAN.

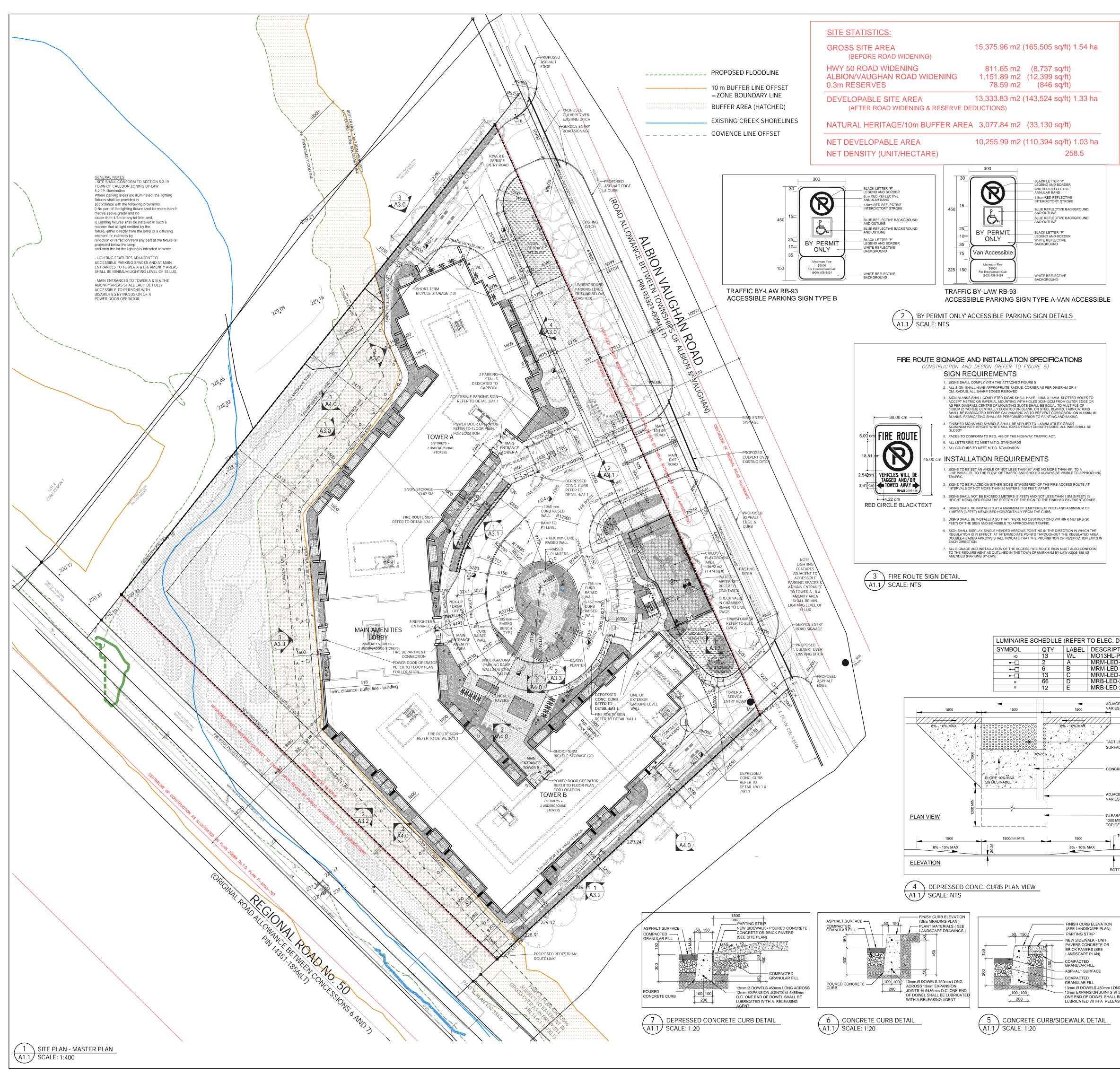
1 ISSUED FOR D/MM/YYY DATE No. DESCRIPTION REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSION AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FLV FAUSTO CORTESE ARCHITECTS 3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA PROPOSED MIX-USE CONDO DEVELOPMENT 12148 ALBION VAUGHAN RD. BOLTON CALEDON

COVER PAGE

REVIEWED BY

WING No:

A1.0



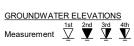
| | | | | | | | | | | | TOW | ERS | | | | | | | |
|---|---|---|--|--|--|--|---|--|------------------|--------------|--------------------|--|---|--|--|--|--------------|--------|--|
| | STOREYS | UNI UNIT TYPE | TS TYP | PE m2 | GROUND FLOOR | 2ND FLOOR | TOW 3RD FLOOR | 4TH FLOOR | 5TH FLOOR | 6TH FLOOR | GROUND FLOOR | 2ND FLOOR | 3RD FLOOR | 4TH FLOOR | 5TH FLOOR | 6TH FLOOR | 7TH FLOOR | TOTALS | SITE - |
| | 1 BEDROOM | TYPE 1-4 | 592-633 | 55-64 | 6 | 7 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 78 | |
| | 1 BEDROOM + DEN | TYPE 1-7 | 800-1004 | 74-93 | 5 | 5 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 36 | |
| | 2 BEDROOM | TYPE 1-13 | 932-1114 | 86-104 | 6 | 5 | 5 | 5 | 5 | 5 | 12 | 11 | 9 | 9 | 9 | 9 | 9 | 99 | KEY PLAN |
| | 2 BEDROOM + LARGE BALCONY | TYPE 1-9 | 1011-1244 | 94-116 | 0 | 2 | 4 | 4 | 4 | 4 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 39 | |
| | 3 BEDROOM | TYPE 1 | 1584-1801 | 147-167 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | |
| | | | UNITS PER | | 18 | 20 | 19 | 19 | 19 | 19 | 20 | 21 | 22 | 22 151 | 22 | 22 | 22 | | |
| | | | OTAL UNITS | | | | | | | | 265 | | | 131 | | | | | |
| | * INCLUI (15% OF | DES 40 E TOTAL | | | | | | FLOC | | | RB-(1 | | EDRO | | | | | | |
| | 4 | | 4 | | | | 2NE |) FLOC | DR - 1 | | RА-(2 RВ-(1 | 2) - 1 B | EDRO EDRO | | | | | | |
| | $\frac{360}{[1^{-}2\frac{1}{8}^{-}]}$ | | — COM | NCRETE | E SLAB | | 3RE |) FLOC | DR - 1 - - | | RА-(2 RВ-(1 | 2) - 1 B | EDRO EDRO | | | | | | |
| | | | | | | | 4TH | I FLOC |)R | | RA - (2 RB - (1 | 2) - 1 B | EDRO EDRO | | | | | | |
| 3000 | [9'-10 <u>4</u> "] | | Fro | 1PERED STED (| | | 5TH | I FLOC | DR - 1 | | RA - (2 RB - (1 | 2) - 1 B | EDRO EDRO | | | | | | |
| | [9 2440 [8'-0 <mark>1</mark> "] | | PAN | IEL | | | 6TH | I FLOC | DR - 1 | | RA - (2 RB - (1 | 2) - 1 B | EDRO EDRO | | | | | | |
| | | | — MET | TAL POS | ST | | 7TH | I FLOC |)R - 1 - | | RA - N RB - (1 | /A | EDRO | OM + (| 3) 2 BE | DROC | <u>M</u> | | |
| | | | | | ST SLEEV | | | | | | | - | | | | | | | |
| | | Ш / г | — COI | NCRETE | D TO SLA E SLAB | чв . | ТОТ | TAL - | | | | | . , | | DOM | | | | |
| | 4 | | | | | 4Β | TOT | ΓAL - | | | BEDRO | | . , | | DOM | | | | |
| | 8 PR | IVACY PA | ۵ | | E SLAB | | ТОТ | ΓAL - | | | | | . , | | DOM | | | | |
| | | IVACY PA ALE: 1:25 | ۵ | | E SLAB | , | τοι | ΓAL - | | 40) BA | RRIER | -FREE | SUITE | ES | ID | | | | |
| | | | ۵ | | E SLAB | ι. | τοι | ΓAL - | | 40) BA | RRIER | -FREE | SUITE | ES LEGEN | | | | | |
| . DWGS | A1.1 SC | | ۵ | | E SLAB | | | | | 40) BA | RRIER | -FREE | POSED | LEGEN NEW (GRADE | ID | | | | |
| DWGS PTION -PP-M D-07L- | A1.1 SC S) W-8L40K-I SIL-2-30-7 | ALE: 1:25 DCC-DV 70CRI-IL | ۵ | CREE LUN 11.4 53 | NS 1. WAT | TS L 0 0 | LF .900 .880 | LUM. I 963 4167 | | 40) BA | RRIER | -FREE] PROI EXIS PROI MAN | POSED TING G DOOR | LEGEN NEW (RADE CATC ENTR | ID GRADE H BASI ANCES | NS | | | |
| . DWGS PTION PP-M1 D-07L- D-07L- D-07L- D-25L-/ | A1.1 SC | ALE: 1:25 DCC-DV 70CRI-IL 70CRI-IL 70CRI | ۵ | | NS 1. WAT | TS L 0 0 0 0 0 0 | LF .900 .880 .880 .880 .930 | LUM. I 963 | | 40) BA | RRIER | -FREE PROI EXIS [®] PROI MAN DRIV | POSED TING G POSED DOOR E-IN DO | LEGEN NEW (RADE CATC ENTR | id GRADE H BASI | NS | | | |
| DWGS PTION -PP-MI D-07L- D-07L- D-07L- D-25L- D-25L- ACENT SUI | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-2-30-7 SIL-3-30-7 ACR-A-30 ACR-S-30 | ALE: 1:25 DCC-DV 70CRI-IL 70CRI-IL 70CRI | ۵ | CREE LUW 11.4 53 53 23 | NS 1. WAT | TS L 0 0 0 0 0 0 | LF .900 .880 .880 .880 .930 | LUM. I 963 4167 5050 6889 1633 | | 40) BA | RRIER | -FREE PROI MAN DRIV - FENC | POSED TING G POSED DOOR E-IN DO | LEGEN NEW (RADE CATC ENTR | ID GRADE H BASI ANCES | NS | | | No. DESCRIPTION DATE |
| DWGS PTION -PP-MI D-07L- D-07L- D-07L- D-25L- D-25L- ACENT SUI | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-2-30-7 SIL-3-30-7 ACR-A-30 ACR-S-30 | ALE: 1:25 DCC-DV 70CRI-IL 70CRI-IL 70CRI | ۵ | CREE LUW 11.4 53 53 23 | NS 1. WAT | TS L 0 0 0 0 0 0 | LF .900 .880 .880 .880 .930 | LUM. I 963 4167 5050 6889 1633 | | 40) BA | | -FREE PROI EXIS [®] PROI MAN DRIV - FENG SIGN GRO | POSED TING G POSED DOOR E-IN DO CING IAGE UND L | LEGEN NEW RADE CATC ENTR OOR LO | id GRADE H BASI ANCES DCATIC | NS DNS | | | |
| . DWGS PTION PP-M D-07L- D-07L- D-07L- D-25L-7 D-25L-7 ACENT SU | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-S-30 RFACE | ALE: 1:25 DCC-DV 70CRI-IL 70CRI-IL 70CRI | ۵ | CREE LUW 11.4 53 53 23 | SLAB | TS L 0 0 0 0 0 0 | LF .900 .880 .880 .880 .930 | LUM. I 963 4167 5050 6889 1633 | | 40) BA | RRIER | -FREE PROI EXIS PROI MAN DRIV -FENC SIGN GRO REFE | POSED TING G POSED DOOR E-IN DO CING IAGE UND L | LEGEN NEW RADE CATC CATC CATC OOR LO | id GRADE H BASI ANCES DCATIC | NS DNS | | | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION |
| . DWGS PTION PP-M D-07L- D-07L- D-07L- D-25L-7 D-25L-7 ACENT SU | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-S-30 RFACE | ALE: 1:25 DCC-DV 70CRI-IL 70CRI-IL 70CRI | ۵ | CREE CREE LUM 11.4 53 53 23 30 | NS | TS L 0 0 0 0 0 0 | LF .900 .880 .880 .930 .930 | LUM. I 963 4167 5050 6889 1633 | | 40) BA | | -FREE PROI EXIS ² PROI MAN DRIV -FENO SIGN GRO REFE WAL | POSED TING G POSED DOOR E-IN DO CING IAGE UND LI ER TO L L LIGH | LEGEN NEW (RADE CATC CATC ENTR OOR L(IGHTIN UMINA TING | id GRADE H BASI ANCES DCATIC | NS DNS CHEDU | | | No. DESCRIPTION DATE REVISIONS DATE ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS |
| DWGS PTION -PP-MI D-07L- D-07L- D-07L- D-25L-7 D-25L-7 ACENT SUI IES | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-S-30 RFACE - - - - | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI | NEL S | CREE CREE LUN 11.4 53 53 23 30 PA LAW - | E SLAB | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF .900 .880 .880 .930 .930 .930 .930 .930 | LUM. I 963 4167 5050 6889 1633 2156 | | 40) BA | | -FREE PROI EXIS ² PROI MAN DRIV FENC SIGN GRO REFE WAL | POSED TING G POSED DOOR E-IN DO CING IAGE UND LI ER TO L L LIGH | LEGEN NEW RADE CATC CATC ENTR COOR L COOR L | ID GRADE H BASI ANCES DCATIC | NS DNS CHEDU | | | No. DESCRIPTION DATE REVISIONS DATE ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. |
| . DWGS PTION PP-M D-07L- D-07L- D-07L- D-25L-/ D-25L-/ D-25L-/ D-25L-/ ACENT SU | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-S-30 RFACE | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI | NEL S BY 1.5 PA | CREEL CREEL CREEL LUW 11.4 53 53 53 23 30 PARLING SPO | E SLAB NS NS KKING PARKIN SPACES PER L | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF .900 .880 .930 .930 .930 .930 .930 .930 | LUM. I 963 4167 5050 6889 1633 2156 | | 40) BA | | -FREE | SUITE POSED TING G POSED DOOR E-IN DO CING IAGE UND LI ER TO L L LIGH HYDR/ W STO | LEGEN NEW (RADE CATC CATC ENTR COR L COR L COR L COR L CATC CATC CATC CATC CATC CATC CATC CAT | ID GRADE H BASI ANCES DCATIC | NS DNS CHEDU | | | No. DESCRIPTION DATE REVISIONS DATE ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE |
| . DWGS PTION PP-MI D-07L- D-07L- D-07L- D-25L-7 D-25L-7 ACENT SUI IES | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-A-30 ACR-S-30 RFACE WING RFACE RFACE RFACE REA | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI OCRI SPARKING SPACE VISITOR - COND UNITS PARKING SPACE ACCESSIBLE PARKING | NEL SO NEL SO BY | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING SPO RKING SPO RKING SPO PARKING SPO | E SLAB NS NS RKING RKING PARKIN SPACES PER UWEL SPACES PER VEL | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF .900 .880 .880 .930 .930 .930 .930 .930 | LUM. I 963 4167 5050 6889 1633 2156 | | 40) BA | | -FREE | SUITE POSED TING G POSED DOOR E-IN DO CING IAGE UND LI ER TO L L LIGH HYDR/ W STO | LEGEN NEW (RADE CATC CATC ENTR COR L COR L COR L COR L CATC CATC CATC CATC CATC CATC CATC CAT | ID GRADE H BASI ANCES DCATIC G AIRE SC DCATIO AREA | NS DNS CHEDU | | | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. |
| DWGS PTION -PP-Mi D-07L- D-07L- D-07L- D-25L-/ D-25L-/ ACENT SUI IES TILE WALK FACE ICRETE PA ACENT SUI IES | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-A-30 ACR-S-30 RFACE RFACE RFACE REA M | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI VISITOR - COND UNITS PARKING SPACE ACCESSIBLE SPACE ACCESSIBLE ACCESSIBLE SPACE ACCESSIBLE ACCE | NEL S | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING SPO RKING SPO RKING SPO PARKING SPO | SLAB NS NS RKING PARKIN SPACES PER DWEL | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF .900 .880 .930 .930 .930 .930 .930 .930 | LUM. I 963 4167 5050 6889 1633 2156 | | 40) BA | | -FREE | POSED TING G POSED DOOR E-IN DO CING IAGE UND LI ER TO L L LIGH HYDR/ W STO D'S PL/ | LEGEN NEW (RADE CATC | ID GRADE H BASI ANCES DCATIC OCATIC OCATIO AREA DUND A | NS DNS CHEDU | | | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. |
| DWGS PTION -PP-Mi D-07L- D-07L- D-07L- D-25L-/ D-25L-/ ACENT SUI IES TILE WALK FACE ICRETE PA ACENT SUI IES | A1.1 SC W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-A-30 ACR-S-30 RFACE RFACE RFACE REA M | ALE: 1:25 DCC-DV 70CRI-IL 70CRI-IL 70CRI 7 | NEL S | CREEL CREEL CREEL LUW 11.4 53 53 53 23 30 PAR LAW - | E SLAB NS NS KING RKING PARKIN SPACES PER L SPACES PER L N A DESIGNA KING AREA 11.240 | REQUI G REQU LING UNIT | LF .900 .880 .930 .930 .930 .930 .930 .930 .930 .93 | LUM. I 963 4167 5050 6889 1633 2156 | | 40) BA | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SNO CHIL | POSED TING G POSED DOOR E-IN DO CING IAGE UND LI ER TO L L LIGH HYDR/ W STO D'S PL/ | LEGEN NEW RADE CATC CATC CATC CATC CATC CATC ANT LC RAGE AYGRC | ID GRADE H BASI ANCES DCATIO AREA DUND A GEND | NS DNS CHEDU N REA | | | No. DESCRIPTION DATE REVISIONS DATE ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. |
| DWGS PTION -PP-M D-07L- D-07L- D-07L- D-25L- ACENT SUI IES TILE WALK FACE ACENT SUI IES ARANCE A MIN. FRO OF RAMP TOP OF | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI- | NEL S NEL S S 1.5 PA | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING S PARKING SPO RKING SPO PARKING SPO PARKING SPO PARKING SPO | E SLAB NS NS RKING PARKIN SPACES PER DWEL SPAC | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF | LUM. I 963 4167 5050 6889 1633 2156 | | 40) BA | | -FREE PROI EXIS ² PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SNO ² CHIL | POSED TING G POSED DOOR E-IN DO CING IAGE UND L ER TO L L LIGH HYDR/ W STO D'S PL/ O'S PL/ | LEGEN NEW RADE CATC CATC CATC CATC CATC CATC ANT LC RAGE AYGRC | ID GRADE H BASI ANCES DCATIO AREA DUND A DUND A | NS DNS CHEDU N REA | | | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. |
| DWGS PTIONPP-Mi D-07L- D-07L- D-07L- D-25L D-25L ACENT SUI IES ARANCE A MIN. FRO OF RAMP TOP OF | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI- | NEL S NEL S S 1.5 PA | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING S PARKING SPO RKING SPO PARKING SPO PARKING SPO PARKING SPO | E SLAB NS NS RKING RKING PARKIN SPACES PER L I1.240 RKING (ACCES | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF 900 880 880 880 930 930 930 930 930 930 930 930 930 93 | LUM. I 963 4167 5050 6889 1633 2156 | | | | -FREE PROI EXIS PROI MAN DRIV FENO SIGN GRO REFE WAL FIRE SNO CHIL | POSED TING G POSED DOOR E-IN DO CING IAGE UND L ER TO L L LIGH HYDR/ W STO D'S PL/ O'S PL/ | LEGEN NEW RADE CATC | ID GRADE H BASI ANCES DCATIO AREA DUND A DUND A | NS DNS CHEDU N REA | ARKING SP | | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. |
| DWGS PTION -PP-M D-07L- D-07L- D-07L- D-25L- ACENT SUI IES TILE WALK FACE ACENT SUI IES ARANCE A MIN. FRO OF RAMP TOP OF | A1.1 SC | CONDO UNITS OCC-DV OCRI-IL OCRI OCRI OCRI OCRI OCRI OCRI OCRI OCRI | NEL S NEL S S 1.5 PA | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING S PARKING SPO RKING SPO PARKING SPO PARKING SPO PARKING SPO | E SLAB NS NS A. WAT 7 RKING PARKIN PARKIN SPACES PER L N A DESIGNA KING AREA 11.240 RKING RKING 8 | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF .900 .880 .930 .930 .930 .930 .930 .930 .930 .93 | LUM. I 963 4167 5050 6889 1633 2156 | | | | -FREE PROI EXIS ² PROI MAN DRIV FENO SIGN GRO REFE WAL FIRE SNO ² CHIL | SUITE | LEGEN NEW RADE CATC CATC CATC CATC CATC CATC CATC CAT | ID GRADE H BASI ANCES DCATIO AREA DUND A GEND TYPE B | NS DNS CHEDU N REA | ARKING SP | | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FAUSTO CORTESSE A R C H I T E C T S S3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 |
| DWGS PTIONPP-Mi D-07L- D-07L- D-07L- D-25L- D-25L- ACENT SUI CIES CTILE WALK RFACE ACENT SUI CIES ARANCE A MIN. FRO OF RAMP TOP OF | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI OCRI-IL OCRI OCRI CONDO UNITS PARKING SPACE PARKING REQUIRED CUIRED | NEL SO | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING S PARKING SPO RKING SPO PARKING SPO PARKING SPO PARKING SPO | E SLAB NS NS RKING RKING PARKIN SPACES PER L I1.240 RKING (ACCES | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF | LUM. I 963 4167 5050 6889 1633 2156 | | | | -FREE PROI EXIS ² PROI MAN DRIV FENO SIGN GRO REFE WAL FIRE SNO ² CHIL | SUITE | LEGEN NEW RADE CATC CATC CATC CATC CATC CATC CATC CAT | ID GRADE H BASI ANCES DCATIO AREA DUND A DUND A | NS DNS CHEDU N REA | ARKING SP | ACE | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FAUSTO CORTESSE A R C H I T E C T S S3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3TB 416-806-7000 FCORTESE@FCARCHITECTS.CA |
| . DWGS PTIONPP-M D-07L- D-07L- D-07L- D-07L- D-25L- ACENT SUR RES CTILE WALK RFACE ACENT SUR RES CTILE WALK RFACE ACENT SUR CTILE ACENT SUR | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI UNITS PARKING PARKING SPACE ACCESSIBLE PARKING REQUIRED WISTOR - COND UNITS PARKING REQUIRED GRAND TOTAL + 22 GRAND + | NEL SO | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING S PARKING SPO RKING SPO PARKING SPO PARKING SPO PARKING SPO | E SLAB NS NS RKING RKING PARKIN SPACES PER L I1.240 RKING RKING A A A A A A A A A A A A A | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF | LUM. I 963 4167 5050 6889 1633 2156 | | | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SIGN GRO REFE WAL SIGN GRO REFE WAL | SUITE | LEGEN NEW NEW RADE CATC CATC CATC CATC CATC CATC CATC CAT | ID GRADE H BASI ANCES DCATIC CATIC AREA DUND A GEND TYPE B | NS DNS CHEDU N REA CESSIBLE F | ARKING SP | ACE | NO. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR ONSTRUCTION ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FAUSTO CORPLESE A R C H I T E C T S S3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@ FCARCHITECTS.CA |
| . DWGS | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI- | NEL SO | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING S PARKING SPO RKING SPO PARKING SPO PARKING SPO PARKING SPO | E SLAB NS NS KING RKING RKING RKING RKING RKING RKING | TS L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | LF | LUM. I 963 4167 5050 6889 1633 2156 | | | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SIGN GRO REFE WAL SIGN GRO REFE WAL | SUITE | LEGEN NEW NEW RADE CATC CATC CATC CATC CATC CATC CATC CAT | ID GRADE H BASI ANCES DCATIO AREA DUND A GEND TYPE B | NS DNS CHEDU N REA CESSIBLE F | ARKING SP | ACE | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FAUSTO CORTESSE A R C H I T E C T S S3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA DRAWING: PROPOSED MIX-USE CONDO DEVELOPMENT <on< td=""> DRAWING:</on<> |
| . DWGS | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI OCRI-IL OCRI OCRI CONDO UNITS PARKING PARKING PARKING REQUIRED CUIRED CUIR | NEL SO | CREEI CREEI LUW 11.4 53 53 53 23 30 PARKING S PARKING SPO RKING SPO PARKING SPO PARKING SPO PARKING SPO | E SLAB NS NS RKING RKING PARKIN SPACES PER DWEL RKING RKING AREA 11.240 RKING AREA 11.240 RKING AREA 11.240 RKING AREA 11.240 RKING AREA A A A A A A A A A A A A | TS L 0 0 | LF .900 .880 .880 .930 .930 .930 .930 .930 .930 .930 .93 | LUM. I 963 4167 5050 6889 1633 2156 ITS ITS ICS ICS ICS ICS ICS ICS ICS ICS ICS IC | 463.750 TOTAL | | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SIGN GRO REFE WAL SIGN GRO REFE WAL | SUITE | LEGEN NEW NEW RADE CATC CATC CATC CATC CATC CATC CATC CAT | ID GRADE H BASI ANCES DCATIC CATIC AREA DUND A GEND TYPE B | NS DNS CHEDU N REA CESSIBLE F | ARKING SP | ACE | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FAUSTO CORTESSE A R C H I T E C T S S3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3TB 416-806-7000 FCORTESE@FCARCHITECTS.CA DRAWINC: |
| . DWGS | A1.1 SC. A1.1 SC. W-8L40K-I SIL-2-30-7 SIL-3-30-7 SIL-3-30-7 ACR-A-30 ACR-A-30 ACR-S-30 RFACE | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI OCRI-IL OCRI OCRI CONDO UNITS PARKING PARKING PARKING REQUIRED CUIRED CUIR | | CREEI | SIAB SIAB NS NS RKING RKING RKING RKING RKING I1.240 I1.240 I1.240 I1.240 II.240 III.240 III | REQUI GREQUI LING UNIT JNIT FOR TED VISITOR PROVII | LF .900 .880 .880 .930 .930 .930 .930 .930 .930 .930 .93 | LUM. I 963 4167 5050 6889 1633 2156 ITS ITS ICS ICS ICS ICS ICS ICS ICS ICS ICS IC | | | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SIGN GRO REFE WAL SIGN GRO REFE WAL | SUITE | LEGEN NEW NEW RADE CATC C | ID GRADE H BASI ANCES DCATIC CATIC AREA DUND A DUND A GEND TYP. AC TYPE B ACCE LEVEL | NS DNS CHEDU N REA CESSIBLE F | ARKING SP | ACE | NO. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FAUSTO CORSTEUSE A R C H I T E C T S S390 RUTHERFORD RD. UNIT 7 YAUGHAN, ONTARIO, L4H 3TB 416-806-7000 FCORTESE@ FCARCHITECTS.CA |
| . DWGS | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI OCRI-IL OCRI OCRI CONDO UNITS PARKING PARKING PARKING REQUIRED CUIRED CUIR | NELS NELS NELS NELS NELS | CREEI | E SLAB | TS L 0 0 | LF .900 .880 .880 .930 .930 .930 .930 .930 .930 .930 .93 | LUM. I 963 4167 5050 6889 1633 2156 ITS ITS ICS ICS ICS ICS ICS ICS ICS ICS ICS IC | 463.750 TOTAL | | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SIGN GRO REFE WAL SIGN GRO REFE WAL | SUITE | LEGEN NEW NEW RADE CATC C | ID GRADE H BASI ANCES DCATIC CATIC AREA DUND A DUND A GEND TYP. AC TYPE B ACCE LEVEL | NS DNS CHEDU N REA | ARKING SP | ACE | NO. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SULDING PERMIT ISSUED FOR SULT AND APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT AND VOSCEPARACES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FAUSTO CORPTEESE A R C H I T E C T S SPOOR UTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA DRAWING: PROPOSED MIX-USE CONDO DEVELOPMENT ON 12148 ALBION VAUGHAN RD. BOLTON TOWN OF CALEDON DRAWING: DRAWING: DRAWING: |
| . DWGS | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI OCRI-IL OCRI OCRI CONDO UNITS PARKING PARKING PARKING REQUIRED CUIRED CUIR | NEL SO | CREEL CREEL CREEL CREEL CREEL CREEL CREEL CREEL STORES CREEL | E SLAB | TS L 0 0 | LF .900 .880 .880 .930 .930 .930 .930 .930 .930 .930 .93 | LUM. I 963 4167 5050 6889 1633 2156 ITS ITS ICS ICS ICS ICS ICS ICS ICS ICS ICS IC | 463.750 TOTAL | | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SIGN GRO REFE WAL SIGN GRO REFE WAL | SUITE | LEGEN NEW NEW RADE CATC C | ID GRADE H BASI ANCES DCATIC CATIC AREA DUND A DUND A GEND TYP. AC TYPE B CATE LEVEL | NS DNS CHEDU N REA | ARKING SP | ACE | No. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT AND CONSTRUCTION. IMMENSIONS THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FOCEED ING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. STEPPLAN, ONTARIO, L4H 3TB 416-806-7000 FCORTESE@FCARCHITECTS.CA DRAWING: PROPOSED MIX-USE CONDO DE VELOPMENT 12148 ALBION VAUGHAN RD. |
| . DWGS IPTION L-PP-M D-07L- D-07L- D-25L-/ D-25L-/ D-25L-/ IACENT SUI RES CTILE WALK RFACE NCRETE PA | A1.1 SC | ALE: 1:25 DCC-DV OCRI-IL OCRI-IL OCRI-IL OCRI-IL OCRI OCRI-IL OCRI OCRI CONDO UNITS PARKING PARKING PARKING REQUIRED CUIRED CUIR | NEL S NEL S S S S S S S S S S S S S S S S S S S | CREEI | E SLAB | TS L 0 0 | LF .900 .880 .880 .930 .930 .930 .930 .930 .930 .930 .93 | LUM. I 963 4167 5050 6889 1633 2156 ITS ITS ICS ICS ICS ICS ICS ICS ICS ICS ICS IC | 463.750 TOTAL | | | -FREE PROI EXIS PROI MAN DRIV FENC SIGN GRO REFE WAL FIRE SIGN GRO REFE WAL SIGN GRO REFE WAL | SUITE | LEGEN NEW NEW RADE CATC C | ID GRADE H BASI ANCES DCATIC CATIC AREA DUND A DUND A GEND TYP. AC TYPE B CATE LEVEL | NS DNS CHEDU N REA | ARKING SP | ACE | NO. DESCRIPTION DATE REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL SUBMITTALS CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT AND CONDITIONS ON THE PROJECT AND MUST REPORT PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS. FALUSTO CORRTEESE A R C H I T E C T S SPOR RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3TB 416-806-7000 FCORTESE@FCARCHITECTS.CA DRAWING: PROPOSED MIX-USE CONDO DEVELOPMENT ON 12148 ALBION VAUGHAN RD. BOLTON TOWN OF CALEDON DRAWING: SITE PLAN - MASTER PLAN PLOTTED: N/A |

Palmer.

Appendix B

Borehole Logs (Borehole Logs (Palmer, 2020 & Davroc, 2020)

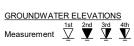
| | | | | RE | COF | RD C | F BC | REHOLE No BH20-1 METRIC 1 | OF | | | | | | |
|----------------------|--|--------------------------------|--------|-------|------------|------|-----------------|---|---------------|--|--|--|--|--|--|
| | | | | | | | | Location Plan (UTM 17T) ORIGINATED BYAL | | | | | | | |
| | HWY | | | | | | | | | | | | | | |
| DATU | M Geodetic | DAT | Е_ | | | Aug | -17-2020 | | | | | | | | |
| | SOIL PROFILE | | s | SAMPL | ES | R. | ALE . | PLASTIC NATURAL LIQUID | RK | | | | | | |
| <u>ELEV</u> DEPTH | DESCRIPTION | STRAT PLOT | NUMBER | ТҮРЕ | "N" VALUES | | ELEVATION SCALE | 20 40 60 80 100 Content < | I SIZ BUTI | | | | | | |
| 0.0 | Ground Surface TOPSOIL: | | | | | | Ξ | 20 40 60 80 100 10 20 30 Y GR SA | SI | | | | | | |
| 0.2 | | <u><u>x</u> 1_x.</u> | 1 | SS | 16 | | | | | | | | | | |
| 0.7 | Clayey Silt Till: some sand, trace gravel, occ. cobbles and boulders, contains sand and silt seams | | 2 | SS | 17 | | | | | | | | | | |
| | | | 3 | ss | 19 | | | | | | | | | | |
| | | | 4 | SS | 26 | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | 5 | SS | 28 | | | | | | | | | | |
| | turns from brown to grey | | | | | | | | | | | | | | |
| | | | 6 | SS | 19 | | | | | | | | | | |
| <u>.</u> | | | | | | | | | | | | | | | |
| | | | 7 | SS | 17 | | | | | | | | | | |
| 6.7 | END OF BOREHOLE Notes: Upon completion of drilling, a 50mm diameter monitoring well was installed in the borehole. The well was completed with a stick up casing. Well Installation Details: Bentonite: 0.0-2.4 m Sand: 3.0 - 6.7 m | | | | | | | | | | | | | | |
| | | | | | | | | | 160 | | | | | | |





| | | | | RE | COR | D OF | BO | REHOLE | No E | 3H20 |)-2 | | | | | ME | TF | RIC | 1 OF 1 | |
|--------------------------------|---|-----------------------|--------|----------|------------------|----------------------------|-----------------|---|---------------------------|-------|------------------------|-----------|----------------|-----------------|-----|--|---------------------------|---|--|--|
| W.P. | | | | | | | | | | | | | | ORIGINATED BYAL | | | | | | |
| DIST | HWY | BOR | REHC | DLE TY | ′PE _ | Hollow | Stem A | uger | | | | | | | | COM | PILE | D B) | ′AL | |
| DATU | JM Geodetic | DAT | Ε_ | | | Aug-1 | 7-2020 | | | | | | | | | CHECKED BY | | | | |
| | SOIL PROFILE | | S | SAMPL | ES | ER | ALE | DYNAMIC CO RESISTANCE | NE PE PLOT | | RATION PLASTIC NATURAL | | | | | LIQUID | | NΤ | REMARKS | |
| <u>ELEV</u> DEPTH | DESCRIPTION | STRAT PLOT | NUMBER | ТҮРЕ | 'N" VALUES | GROUND WATER CONDITIONS | ELEVATION SCALE | 20 4 SHEAR STF O UNCONF O QUICK TF | RENG [®] INED | TH kP | FIELD \ | 0 /ANE | W _P | CON V | | LIQUID LIMIT W _L T (%) | POCKET PEN. (Cu) (kPa) | NATURAL UNIT WT (KN/m ³) | & GRAIN SIZE DISTRIBUTION (%) | |
| 0.0 | Ground Surface TOPSOIL: | . <u>*, 1</u> *. N | | | - | G | Ц | | | 0 8 | | | 1 |) 2 | 0 3 | 80 | γ | | GR SA SI CL | |
| 0.0 0.2 | | | 1 | SS | 5 | | | | | | | | | | | | | | | |
| - - - - - - | | | 2 | SS | 5 | | | | | | | | | | | | | | | |
| - 1.5 - - - - - | Clayey Silt Till: some sand, trace gravel, occ. cobbles and boulders, contains sand and silt seams disturbed till | | 3 | SS | 6 | | | | | | | | | | | | | | | |
| - | | | 4 | SS | 26 | | | | | | | | | | | | | | | |
| <u>3</u> - - - - | | 9.1.201.1.4 | 5 | SS | 38 | | | | | | | | | | | | | | | |
| - - - - - - | turns from brown to grey | | | | | | | | | | | | | | | | | | | |
| - _ 4.7 _ _ - | Silty Clay: grey, trace silt, moist | | 6 | SS | 16 | | | | | | | | | | | | | | | |
| - - - - - - | | | | | | | | | | | | | | | | | | | | |
| - | | | - | <u> </u> | 72/ | | | | | | | | | | | | | | | |
| - 6.2 6.4 | Clayey Silt Till: some sand, trace gravel, occ. cobbles and boulders, contains sand and silt seams END OF BOREHOLE Notes: Upon completion of drilling, a 50mm diameter monitoring well was installed in the borehole. The well was completed with a stick up casing. Well Installation Details: Bentonite: 0.0-2.4 m Sand: 2.7 e 6.7 m Screen: 3.3 - 6.4 m | | 7 | SS | 0.18 <u>m</u> | | | | | | | | | | | | | | | |

| | | | | RE | COR | RD OF | BO | REHOLE | Nol | BH20 |)-3 | | | | | ME | TR | RIC | 1 OF |
|-----------------------------------|--|------------|--------|--------|------------|----------------------------|-----------------|----------------------------|--------------------|-------|-------|------|----------------|-----|----------------------|--|---------------------------|---|---------------------------------------|
| W.P. | | LOC | ATIC | DN _ | | See Bo | orehole | Location Plan | UTM 1 | 7T) | | | | | | ORIC | SINA | TED | BY <u>AL</u> |
| DIST | HWY | BOR | REHC | DLE TY | PE . | Hollow | Stem A | Auger | | | | | | | | | IPILE | D B | AL |
| DATU | IM Geodetic | DAT | Ε | | | Aug-1 | 7-2020 | to Aug-17-20 | 20 | | | | | | | CHE | CKEI | D BY | |
| | SOIL PROFILE | | 5 | SAMPL | ES | н | LE | DYNAMIC CORESISTANC | C CONE PENETRATION | | | | | | ASTIC NATURAL LIQUIE | | | F | REMARKS |
| <u>ELEV</u> DEPTH | DESCRIPTION | STRAT PLOT | NUMBER | ТҮРЕ | 'N" VALUES | GROUND WATER CONDITIONS | ELEVATION SCALE | 20 SHEAR ST O UNCONI | RENG | TH kP | FIELD | VANE | W _P | CON | | LIQUID LIMIT W _L T (%) | POCKET PEN. (Cu) (kPa) | NATURAL UNIT WT (kN/m ³) | & GRAIN SIZE DISTRIBUTIO (%) |
| | Ground Surface | | | | f | 5 | ELE | | | 80 8 | | | | | | 30 | γ | 2 | GR SA SI (|
| 0.0 0.1 | TOPSOIL: FILL: brown sitty sand, some gravel, containts rootlets | <u>X X</u> | 1 | SS | 5 | | | | | | | | | | | | | | |
| | Clayey Silt Till: some sand, trace gravel, occ. cobbles and boulders, contains sand and silt seams | | 2 | SS | 24 | | | | | | | | | | | | | | |
| - - - - - - | | | 3 | SS | 22 | | | | | | | | | | | | | | |
| - | | 0.1.1.0 | 4 | SS | 33 | | | | | | | | | | | | | | |
| <u>3</u> - - - - | | | 5 | SS | 44 | | | | | | | | | | | | | | |
| - - - - - - - | turns from brown to grey | | | | | | | | | | | | | | | | | | |
| - - - - - - | | | 6 | SS | 15 | | | | | | | | | | | | | | |
| - - - - - | | | | | | | | | | | | | | | | | | | |
| - - - - - - 6.7 | END OF BOREHOLE | | 7 | SS | 27 | | | | | | | | | | | | | | |
| 0. / | Notes: Upon completion of drilling, a 50mm diameter monitoring well was installed in the borehole. The well was completed with a stick up casing. Well Installation Details: Bentonite: 0.0-2.4 m Sand: 3.0 - 6.7 m Screen: 3.6 - 6.7 m | | | | | | | | | | | | | | | | | | |



| | | AVF | DAVROC Unit 21, 2051 Williams Parkway Brampton, Ontario, L6Y-3R9 Telephone:(905)792-7792 | | | | | В | OREI | HOI | LE NUMBER BH 1 |
|--------------|---|---------------------------|---|--------|--------------|-----------------------|---------------------|---------|-----------|--------------------------------------|--|
| CLIEN | T Faus | sto Cor | tese Architects (FCA) | _ | PR | OJECT N | AME | Condom | inium | | |
| | | | L20-0711MT | | | OJECT L | OCAT | ON 121 | 48 Albior | n Vau | ghan Rd |
| DATE | STARTE | D (dd/ | mm/yy) _27-11-20 | 0 | ROU | ND ELEV | ATION | 99.45 | n | HOL | E SIZE 0.15 |
| | | | TORTri-Phase Group | | | | | | | | |
| | | | Hollow stem auger | | | AT TIME (| | | Drv. N | lov 27 | 2020 |
| | | | CHECKED BY GW | | | T END O | | | | | |
| | S CME | | | - | | AFTER DI | | | | | |
| DEPTH (m) | ELEV DEPTH 99.45 | APHIC .0G | MATERIAL DESCRIPTION | _ | WELL DIAGRAM | SAMPLE TYPE NUMBER | RECOVERY % (RQD) | N VALUE | | DRY UNIT WT. (Mg/m ³) | ▲ N - Value (Blows/305mm) ▲ 20 40 60 80 PL MC LL 20 40 60 80 □ FINES CONTENT (%) □ 20 40 60 80 |
| 0.4 | 99.20 0.20 | | TOPSOIL -Blackish Brown | Г | | | 54 | 6 | | | |
| - 0.8 - | | | -Organics | | | | 02 | 20 | _ | | |
| 1.2 | 1 | | -Grass -Rootlets | | | | 93 | 36 | _ | - | ● 36本 |
| 2.0 | 1 | | -Seams -Trace Sand | | | | 100 | 35 | | | ●35▲ |
| 2.4 | <u>97.16</u> 2.29 | *** * | FILL | ן ר | | X SS | 100 | 42 | 300 | | 42 |
| 2.8 | - | | -Clayey Silt -Brown to Gray | | | | 100 | 42 | 500 | | *** |
| 3.6 | 1 | $\langle \rangle \rangle$ | -Rootlets -Seams | | | | 100 | 40 | | | 40 |
| 4.0 | | | -Oxidation | | | | 1 | | | | |
| 4.4 | | | -Trace Gravel -Layered at Depth | | | | | | | | |
| 4.8 | | $\langle \rangle \rangle$ | CLAYEY SILT | 1 | | | 100 | 32 | 450 | | • 32 |
| 5.6 | 1 | | -Brown to Gray -Oxidation | | | () | 1 | | | | |
| 6.0 | - | | -Some Gravel -Trace Sand | | | | | | | | |
| - 6.4 6.8 | | $\langle \rangle \rangle$ | -High Clay Content at Depth -Dense to Compact | | | | 100 | 36 | | | |
| 7.2 | | | -Dense to Compact | | | | | | | | |
| 7.6 | | | | | | 1 00 | | | | | |
| 8.0 | | $\langle \rangle \rangle$ | | | | | 100 | 17 | 200 | | 174 |
| 8.4 | | | | | | | | | | | |
| 9.2 | 90.30 | | | _ | | 1.00 | | | _ | | |
| 9.6 | 9.15 | | SILT -Gray | | | | 100 | 86 | | | 86 |
| 10.0 | | | -Layered -Some Clay at Depth | | | | | | | ••• | |
| 10.4 | 1 | | -Wet at Depth | | | X SS | 100 | | _ | | |
| 11.2 | 1 | | -Very Dense to Dense | | | ASS10 | 100 | 45 | _ | | 45 |
| 11.6 | | | | | | | | | | | ····· |
| 12.0 | 87.25 | | | _ | | 1.00 | | | _ | | |
| 12.8 | 12.20 | | CLAY -Gray | | | X_{SS11} | 100 | 54 | _ | | 54 |
| 13.2 | | | -Some Silt -Sand and Gravel layer at depth 13.7 to 14. 2m | | | | | | | 1 | ····· |
| 13.6 | - | | -Spoon Refusal at depth 15.5m | | | ⊠ ss | 70 | | _ | | |
| 14.0 | 1 | | -Hard | | | | 78 | 60 | _ | | <u> </u> |
| 14.8 | - | | | | | | | | | | |
| 15.2 | 000000000000000000000000000000000000000 | | | | | 🖂 ss | 100 | 50+ | - | | 500/ 130mm |
| - 15.0 | 83.75 15.70 | | Bottom of hole at 15.70 m. | | | SS13 | | | | | |
| i. | 15.70 | | | | | | | | | | |
| ŝ | | | | | | | | | | | |
| L C | | | | | | | | | | | |
| 010 | | | | | | | | | | | |

| | | AVF | DAVROC Unit 21, 2051 Williams Parkway Brampton, Ontario, L6Y-3R9 Telephone:(905)792-7792 | | | | | BC | RE | HOI | LE NUMBER BH 2 |
|--------------|------------------------|---------------------------|---|-----|--------------|--------------------------|---------------------|----------|----------------------|--------------------------------------|---|
| CLIEN | T Faus | to Cor | tese Architects (FCA) | | PR | OJECT N | AME | Condomin | ium | | |
| PROJ | ECTNUN | IBER | L20-0711MT | | PR | OJECT L | OCAT | ON 12148 | B Albior | n Vau | ghan Rd |
| DATE | STARTE | D (dd/ | mm/yy) _24-11-20 COMPLETED | _ (| GROU | ND ELEV | ΑΤΙΟΝ | _98.84 m | | HOL | E SIZE 0.15 |
| | | | TOR Tri-Phase Group | | | | | | | | |
| | | | Hollow stem auger | | | AT TIME (| OF DR | ILLING | Snow | & Dry | r, Nov 24, 2020 |
| LOGG | ED BY | SR | CHECKED BY GW | | 4 | AT END O | F DRIL | LING | Wet, N | ov 24 | , 2020 |
| NOTE | S _CME | 55TT | Truck | | | AFTER DI | RILLIN | G | | | |
| DEPTH (m) | ELEV DEPTH 98.84 | GRAPHIC LOG | MATERIAL DESCRIPTION | | WELL DIAGRAM | SAMPLE TYPE NUMBER | RECOVERY % (RQD) | N VALUE | POCKET PEN. (kPa) | DRY UNIT WT. (Mg/m ³) | ▲ N - Value (Blows/305mm) ▲ 20 40 60 80 PL MC LL 40 60 80 □ FINES CONTENT (%) □ 20 40 60 80 |
| 0.4 | 980.00 | | TOPSOIL -Brown | Γ | | | 78 | 10 | | | 04 |
| - 0.8 - 1.2 | | | -Organics | | | X SS | 100 | 14 | - | | 14 |
| 1.6 | 97.32 | | -Seams -Sand and Gravel | | | ASS2 | 100 | 14 | | | |
| 2.0 | 1.52 | $\langle \rangle \rangle$ | FILL -Silty Clay | _ | | | 100 | 26 | 400 | | 2 6 A |
| 2.4 _ | | | -Brown | | | X SS | 100 | 47 | 450 | | |
| 3.2 | | | -Trace Gravel -Oxidation | | | SS4 | | | | | |
| 3.6 | | | CLAYEY SILT -Brown to Gray | | | | 100 | 48 | 450 | | 48 |
| 4.0 | | 11 | -Oxidation | | | | | | | | |
| 4.4 | | | -Trace Gravel -Spoon refusal at 7.8m | | | 1.00 | | - | 4 | | ······ §/····· |
| 5.2 | | \square | -Dense to Compact to Very Dense | | | | 0 | 17 | | - | 174 |
| 5.6 | | | | • | | | | | | | |
| 6.0 6.4 | | $\langle \rangle \rangle$ | | | | 1 99 | | | | | |
| 6.8 | | | | | | | 65 | 18 | 300 | | |
| 7.2 | | // | | | | | | | | | |
| - 7.6 - 8.0 | | $\langle \rangle \rangle$ | | | | ≍ ss | 0 | 50+ | - | | 500 130mm |
| 8.4 | | | | | | SS8 | | | 1 | 1 | |
| 8.8 | | \square | | | | | | | | | |
| 9.2 | 89.64 9.20 | 114 | SAND | | | X SS | 100 | 65 | | | 65 |
| 10.0 | 9.20 | | -Gray | | | | 100 | | | | |
| 10.4 | | | -Some Clay -Sand at depth 9.2 to 9.6m and 12.2 to 12.7m | | | | | | | | |
| 10.8 | | | -Fine Sand at depth 10.7 to 11.1m -Wet at Depth | | | SS | 93 | 89 | 1 | | 89 |
| 11.2 | | | -Very Dense to Compact | | | | | | 1 | | |
| 12.0 | | | | | | | | | | | |
| 12.4 | 86.14 | | | | | | 89 | 14 | 1 | | 14 |
| 12.8 | 12.70 | 11/ | CLAYEY SILT | | | SS11 | | | 1 | | |
| 13.6 | | $\langle \rangle \rangle$ | -Gray -Trace Sand | | | | | | | | |
| 14.0 | | | -Very Dense | | | SS SS12 | 100 | 81 | 400 | ŝ | 814 |
| 14.4 | | 111 | | | | < <u>≤</u> \ <u>SS12</u> | | | | | ····· · · · · · · · · · · · · · · · · |
| 15.2 | | | | | | | | | | | |
| _ 15.6 _ | 83.14 | ID | | | | | 100 | 92 | 400 | | 92 |
| | 15.70 | | Bottom of hole at 15.70 m. | | | 20.0 | | | | | |
| | | | | | | | | | | | |
| 5 | | | | | | | | | | | <i>c</i> |
| 1010 | | | | | | | | | | | |
| | | | | | | | | | | | |

| | | AVF | DAVROC Unit 21, 2051 Williams Parkway Brampton, Ontario, L6Y-3R9 Telephone:(905)792-7792 | | | | | BC | DRE | HO | LE NUMBER BH 3 |
|--|------------------------|---------------------------|---|---|--------------|-----------------------|---------------------|----------|----------------------|--------------------------------------|------------------------------|
| CLIE | NT Faus | to Cor | tese Architects (FCA) | | PR | OJECT N | | Condomii | nium | | |
| | | | L20-0711MT | | PR | OJECT L | OCATI | ON 1214 | 8 Albio | n Vau | ghan Rd |
| DATE | STARTE | D (dd/i | mm/yy) _25-11-20 COMPLETED | | ROU | ND ELEV | ATION | 99.28 m | | HOL | E SIZE _ 0.15 |
| | | | TORTri-Phase Group | | | | | | | | |
| | | | Hollow stem auger | | | | of Dri | LLING | - Snow | & Dry | r, Nov 25, 2020 |
| LOG | GED BY | SR | CHECKED BY _ GW | | A | T END C | F DRIL | LING | Wet, N | ov 25 | , 2020 |
| | | | Truck | | 1 | AFTER D | RILLIN | G | | | |
| DEPTH (m) | ELEV DEPTH 99.28 | GRAPHIC LOG | MATERIAL DESCRIPTION | | WELL DIAGRAM | SAMPLE TYPE NUMBER | RECOVERY % (RQD) | N VALUE | POCKET PEN. (kPa) | DRY UNIT WT. (Mg/m ³) | |
| 0.4 | | | TOPSOIL | Γ | | X SS | 78 | 13 | | | 20 40 60 80 13▲ : ● : : : |
| 0.8 | _ | | -Brown -Organics | / | | $\propto ss_1$ | 65 | 20 | - | | 20 |
| 1.6 | 97.76 | | -Sand and Gravel FILL | | | Ass2 | 05 | 20 | - | | |
| 2.0 | - | $\langle \rangle \rangle$ | -Clayey Silt -Brown | | | | 100 | 27 | | | 6 27 A |
| 2.4 | - | | -Some Gravel | | | X SS | 100 | 30 | - | | ● 30▲ |
| 3.2 | | $\langle D \rangle$ | -Oxidation CLAYEY SILT |] | | SS4 | | | - | | |
| 3.6 | | | -Brown to Gray -Oxidation | | | | 100 | 38 | 400 | | 38 |
| 4.0 | - | $\langle \rangle \rangle$ | -Seams | | | | | | | | |
| 4.8 | 1 | 1D | -Trace Gravel -High Clay Content at Depth | | | X ss | | | | | |
| 5.2 | 1 | | -Compact | | | A SS6 | 83 | 25 | 450 | | 25 |
| - 5.6 | | // | | | | | | | | | |
| 6.0 6.4 | 1 | | | | | X SS | 100 | | 200 | | |
| 6.8 | <u>92.68</u> 6.60 | | SILT & SAND | | | A SS7 | 100 | 20 | 300 | | |
| 7.2 | 0.00 | | -Brown to Grav | | | | | | | | |
| 7.6 | - | | -Silt at depth 7.6 to 8.1m and 12.2 to 12.7m -Sand at depth 9.2 to 11.1m | | | V SS | 93 | 71 | - | | 71 |
| 8.4 | 1 | | -Shale Fragments -Some Clay at Depth | | | A SS8 | 93 | | - | | |
| 8.8 | | | -Wet at Depth | | | | | | | | |
| 9.2 | - | | -Auger refusal at depth 12.8m -Very Dense | | | X SS | 100 | 84 | - | | 84 |
| 9.6 10.0 | | | | | | Ass9 | 100 | 04 | - | | |
| 10.4 | 1 | | | | | | | | | | |
| 10.8 | - | | | | | X SS | 89 | 85 | - | | 85 |
| 11.2 | 1 | | | | | SS10 | | | 1 | | / |
| 12.0 | 1 | | | | | | | | | <u>.</u> | |
| 12.4 | 00.40 | | | | | SS SS | 100 | 50+ | | | 5 0 +/ 130mm▲ |
| 12.8 | 86.48 12.80 | <u>r 4111</u> | Bottom of hole at 12.80 m. | | | SS11 | 1 | | | | 0 0 0 0 0 |
| GEOTECH BH PLOTS L20-0711-12148 ALBION VAUCHAR RD, GD 2-1 9.6 10.0 10.7 11.7 12 | | | | | | | | | | | |
| GE | | | | | | | | | | | |

| | | DAVF | DAVROC Unit 21, 2051 Williams Parkway Brampton, Ontario, L6Y-3R9 Telephone:(905)792-7792 | | | | | BC | DRE | HO | LE NUMBER BH 4 |
|----------------|---------------|---------------------------|---|--------|--------------|-----------------------|---------------------|---------|----------------------|--|--|
| CLIEN | T Fau | sto Cor | tese Architects (FCA) | | PF | OJECTN | | Condomi | nium | | 6 |
| PROJ | ECT NU | MBER . | L20-0711MT | | PF | OJECT L | ОСАТІ | ON 1214 | 8 Albio | n Vau | ghan Rd |
| | | | mm/yy) <u>11-12-20</u> COMPLETED | | | | | | n | HOL | .E SIZE |
| | | | TOR Tri-Phase Group | _ (| GROU | ND WATE | R LEV | ELS: | | | |
| | | | Solid Stem Auger | | | | | LLING | | | |
| | | | CHECKED BY _ GW | | , | AT END O | F DRIL | LING | Wet, D | ec 11 | , 2020 |
| NOTE | S _CME | 55 Tru | ick | | | AFTER DI | RILLIN | G | | | |
| DEPTH (m) | ELEV DEPTH | GRAPHIC LOG | MATERIAL DESCRIPTION | a | WELL DIAGRAM | SAMPLE TYPE NUMBER | RECOVERY % (RQD) | N VALUE | POCKET PEN. (kPa) | DRY UNIT WT. (Mg/m³) | ▲ N - Value (Blows/305mm) ▲ 20 40 60 80 PL MC LL 20 40 60 80 □ FINES CONTENT (%) □ 20 40 60 80 |
| 0.4 | 99.96 0.20 | 1 KAY | TOPSOIL -Blackish Brown -Organics | \int | | | 61 | 8 | | | 8 🛧 . 鱼 |
| 1.2 | | | -Grass | | | | 89 | 9 | - | | 9 人 🔍 |
| 2.0 | 1.52 | | FILL -Silty Clay | Γ | 1 | SS SS3 | 100 | 22 | 450 | | 22 |
| 2.4 | - | | -Brown -Some Gravel -Some Sand | | | V SS | 100 | 44 | 450 | | 443 |
| 3.2 | | $\langle \rangle \rangle$ | CLAYEY SILT | | | | | | | | |
| 3.6 | | 1D | -Brown -Oxidation | | | | 100 | 55 | 450 | | ● 55 ▲ |
| 4.0 | | $\langle \rangle \rangle$ | -Seams -Trace Gravel | | | | | | | | |
| 4.8 | 95.58 | | -Compact to Dense to Very Dense | | | X SS | 100 | 27 | 400 | | |
| - 5.2 | 1.07 | | CLAY -Gray | | | | 100 | 21 | 400 | | $\overline{\mathbf{A}}$ |
| _ 5.6 _ 6.0 | | | -Seams -Trace Gravel | | | | | | | | |
| 6.4 | 93.55 | | -Very Stiff to Hard | | | X SS | 100 | 44 | - | | |
| 6.8 7.2 | 6.60 | | SAND -Brown | | 1 | | | | | | ······ = ····· = ····· |
| 7.6 | | | -Some Silt | | | | | | | | |
| 8.0 | - | | -Wet -Very Dense | | | | 100 | 50+ | 7 | | ●50+/ 130mm▲ |
| 8.4 | | | | | | | | | | | |
| 9.2 | 1 | | | | | - | | | | | |
| 9.6 | 90.55 | | Bottom of hole at 9.60 m. | | | SS9 | 100 | 51 | | | ● 51▲ |
| | 9.60 | | Bottom of hole at 9.60 m. | | | | | | | | |
| | | | | | | | | | | | |
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| | | AVF | DAVROC Unit 21, 2051 Williams Parkway Brampton, Ontario, L6Y-3R9 Telephone:(905)792-7792 | | | | BC | DRE | HOI | LE NUMBER BH 5 |
|---|---------------|---------------------------|---|--------------|-----------------------|---------------------|----------|----------------------|--------------------------------------|---|
| CLIEN | T Faus | to Cor | tese Architects (FCA) | _ F | PROJECT N | AME | Condomir | nium | | |
| | | | L20-0711MT | | PROJECT L | OCATI | ON 1214 | 8 Albio | n Vau | ghan Rd |
| DATE | STARTE | D (dd/r | nm/yy) <u>11-12-20</u> COMPLETED | _ GRO | UND ELEV | ATION | 100.18 r | n | HOL | E SIZE |
| | | | TORTri-Phase Group | | | | | | | |
| DRILL | ING MET | HOD | Solid Stem Auger | _ | AT TIME (| of Dri | LLING | - Dry, D | Dec 11 | , 2020 |
| LOGO | ED BY | SR | CHECKED BY GW | | AT END O | F DRIL | LING | Wet, D | ec 11 | , 2020 |
| NOTE | S CME | 55 Tru | ick | - | AFTER D | RILLIN | G | | | |
| DEPTH (m) | ELEV DEPTH | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM | SAMPLE TYPE NUMBER | RECOVERY % (RQD) | N VALUE | POCKET PEN. (kPa) | DRY UNIT WT: (Mg/m ³) | ▲ N - Value (Blows/305mm) ▲ 20 40 60 80 PL MC LL 20 40 60 80 □ FINES CONTENT (%) □ |
| 0.4 | 100.18 | XXXX | TOPSOIL | | V SS | 54 | 12 | | - | 20 40 60 80 |
| 0.8 | 0.20 | | -Blackish Brown -Organics | | | | | | | |
| 1.2 | 98.66 | | -Grass -Rootlets | | | 93 | 20 | _ | | |
| 2.0 | 1.52 | | FILL | | SS SS3 | 100 | 34 | 400 | 1 | ● 34▲ |
| 2.4 |] | $\langle \rangle \rangle$ | -Silty Clay -Brown | | X SS | 100 | 52 | 450 | - | 53 |
| 2.8 - 3.2 | | $\langle D \rangle$ | -High Sand Content at depth -Seams | | SS4 | 100 | 53 | 450 | | 53 |
| 3.6 | | // | CLAYEY SILT | • | | 100 | 54 | 450 | | 54 |
| 4.0 | | | -Brown -Oxidation | | | | | | - | / |
| - ^{4.4} - 4.8 | 95.61 | | -Seams -Trace Gravel | _ | | | | | | |
| 5.2 | 4.57 | | -Dense to Very Dense | | | 100 | 24 | 400 | | |
| 5.6 |] | | CLAY -Gray | | | | | | | |
| 6.0 6.4 | | | -Seams -Trace Gravel | | 1.00 | | | _ | 4 | |
| 6.8 | 93.58 | | -Very Stiff | _ | | 100 | 20 | 200 | - | |
| 7.2 | 6.60 | | SAND -Brown | | | | | | 2 | |
| 7.6 8.0 | | | -Some Silt -Some Clay at Depth | | V SS | 100 | 79 | - | | ● 79▲ |
| 8.4 | | | -Wet | | | 100 | 79 | - | | |
| | | | -Very Dense | | | | | | | ······ |
| 9.2 | | | | | V SS | 100 | 78 | - | | 78 |
| 9.6 | | | | | | 100 | 10 | - | | · · · · · · · · · · · · · · · · · · · |
| 10.4 | | | | | | | | | 1 | |
| _ 10.8 _ | 89.08 | | | | 🖂 ss | 100 | 50+ | | | - 50+/ 130mm |
| | 11.10 | | Bottom of hole at 11.10 m. | | SS10 | | | | | |
| 8.8 9.2 9.6 10.0 10.4 10.8 | | | | | | | | | | |

| | | DAVI | DAVROC Unit 21, 2051 Williams Parkway Brampton, Ontario, L6Y-3R9 Telephone:(905)792-7792 | | | | | B | ORE | HO | LE NUMBER BH (|
|--------------|----------------|---------------------------|---|-----------|--------------|-----------------------|---------------------|---------|----------------------|--|---|
| CLIEN | T Faus | sto Cor | tese Architects (FCA) | | PR | OJECTN | | Condor | ninium | | |
| | | | L20-0711MT | | | | | | 148 Albio | n Vau | ohan Rd |
| DATE | STARTE | D (dd/ | mm/yy) _27-11-20 | | | | | | | | |
| DRILL | ING CON | NTRAC | TORTri-Phase Group | _ GR | | | | FI S. | 5111 | HOL | <u> </u> |
| | | | Solid Stem Auger | _ 0. | | | | | Dry, N | lov 27 | 2020 |
| | | | CHECKED BYGW | | | | | | Wet, N | | |
| | S _CME | | | | | AFTER D | | | Wet, IV | 0121 | , 2020 |
| DEPTH (m) | ELEV DEPTH | GRAPHIC LOG | MATERIAL DESCRIPTION | | WELL DIAGRAM | SAMPLE TYPE NUMBER | RECOVERY % (RQD) | N VALUE | POCKET PEN. (kPa) | DRY UNIT WT. • (Mg/m ³) | AND 2012 100 100 100 100 100 100 100 100 10 |
| | 100.00 0.20 | | TOPSOIL | Г | | X SS | 100 | 18 | | | 20 40 60 80 |
| 0.8 | 0.20 | | -Blackish Brown -Organics | | | | | | | i. | |
| 1.2 | 98.86 | | -Grass -Rootlets | | | | 100 | 14 | | | 14 |
| 2.0 | 1.52 | | FILL | | | SS SS3 | 100 | 25 | 400 | | 65 |
| 2.4 | | $\langle \rangle \rangle$ | -Clayey Silt -Brown | | | X SS | 100 | | 150 | 1 | |
| 2.8 _ | | 1D | -Trace Gravel -Seams | | | ASS4 | 100 | 43 | 450 | - | • 43 |
| 3.6 | | | -Oxidation | | | SS SS5 | 100 | 52 | 450 | 1 | 52 |
| 4.0 | | | CLAYEY SILT -Brown to Gray | • | | -\335 | 1 | | | T | |
| 4.4 _ | | | -Oxidation | | | | | | | | |
| 4.8 | 95.35 | | -Trace Gravel -Seams | | | X SS | 100 | 25 | 300 | 1 | |
| 5.2 | 5.03 | | -High Clay Content at Depth -Compact to Dense to Compact | \square | | | | | | | ····· |
| 6.0 | | | CLAY | | | | | | | | |
| 6.4 | | | -Gray | | | X ss | 100 | 27 | _ | | |
| 6.8 | | | -Trace Sand -Shale Fragments at Depth 8m -Very Stiff to Hard | | | | | | - | | |
| 7.2 | | | -Very Stiff to Hard | | | | | | | | |
| 8.0 | 92.28 | | | | | V SS | 89 | 90 | 100 | | ● 90▲ |
| 8.4 | 8.10 | | SAND | - | | | 0.5 | | 100 | | 50 |
| 8.8 | 0110 | | -Brown -Trace Gravel | | | | | | | | |
| 9.2 | | | -Some Clay | | 1 | 🖂 ss | 100 | 50+ | | | 5 0 -/ 130mm |
| 9.6 _ | | | -Wet -Very Dense to Dense | | | SS9 | | | | | |
| 10.4 | | | | | | | | | | | |
| 10.8 | | | | | | X ss | 100 | 49 | _ | | 49 |
| | 89.28 11.10 | | Bottom of hole at 11.10 m. | | | | 100 | 49 | | | |
| | 11.10 | | | • | | | | | | | |
| | | | | | | | | | • | | |

Appendix C Grain Size Analysis (ALS, 2020)

