ATTACHMENT 4
8700 HUNTINGTON

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

LiUNA EXPANSION
8700 Huntington Road Vaughan ON L4H 3N5
Architectural Drawing Set
Issued for Site Plan Approval # 2 - 2024-04-05

	SPA - DRAWING LIST	Issued
A-0.0	Cover Page	☒
A-1.01	Renderings	☒
A-1.02	Context & Project Statistics	☒
A-1.03	Survey (Existing Site Condition)	☒
A-1.04	Interim Site Plan	☒
A-1.05	Ultimate Site Plan	☒
A-1.06	Roof Plan	☒
A-2.01	Ground Floor	☒
A-2.02	Second Floor	☒
A-2.03	Roof Plan	☒
A-4.01	Overall Elevations	☒
A-4.02	Building Signage	☒
A-4.31	Enlarged Elevations Building 'A' Proposed	☒
A-4.32	Enlarged Elevations Building 'A' Existing	☒
A-5.01	Overall Sections	☒
A-10.01	Material Board of Exterior Samples	☒

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LiUNA Local 183

8700 Huntington Road Vaughan ON L4H 3N5
#Client Phone Number
#Client E-mail

LiUNA EXPANSION

Cover Page

Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:46 PM]

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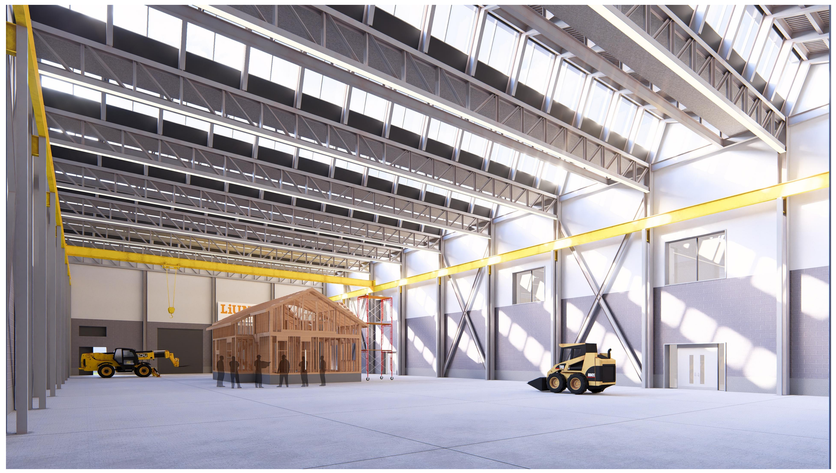
A-0.0

EXTERIOR VIEW OF MAIN COURTYARD & EAST ENTRANCE OF BUILDINGS 'A' & 'H'

EXTERIOR VIEW OF NORTH ELEVATIONS OF BUILDINGS 'A' & 'E'

EXTERIOR VIEW OF BUILDING 'A' & 'H' COURTYARD



INTERIOR VIEW OF BUILDING 'E'

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

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LiUNA EXPANSION

Renderings

Date of Issue: 2024-04-05
Project No.: 18083
Print Date: 2024-04-05 [3:44 PM]

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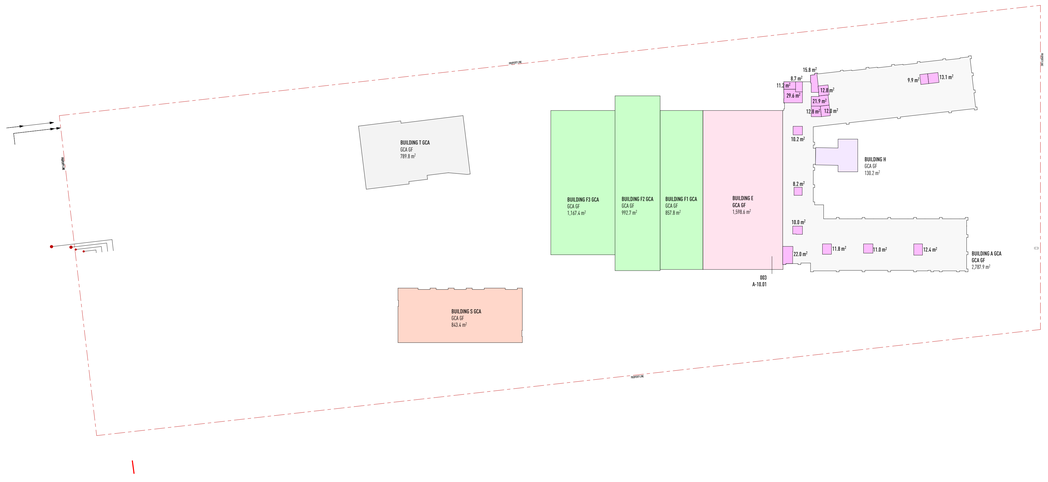
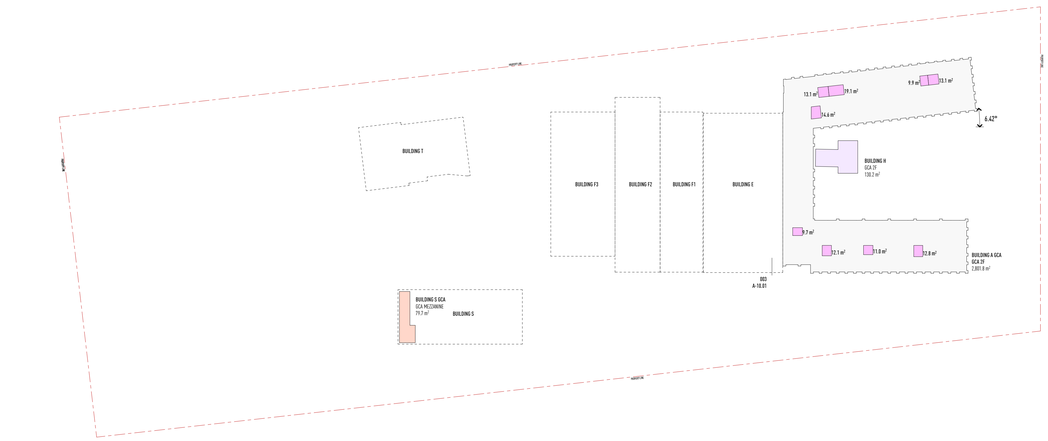


1. KEY PLAN: GCA / GFA DEDUCTIONS - Gr Floor

SCALE: 1:750

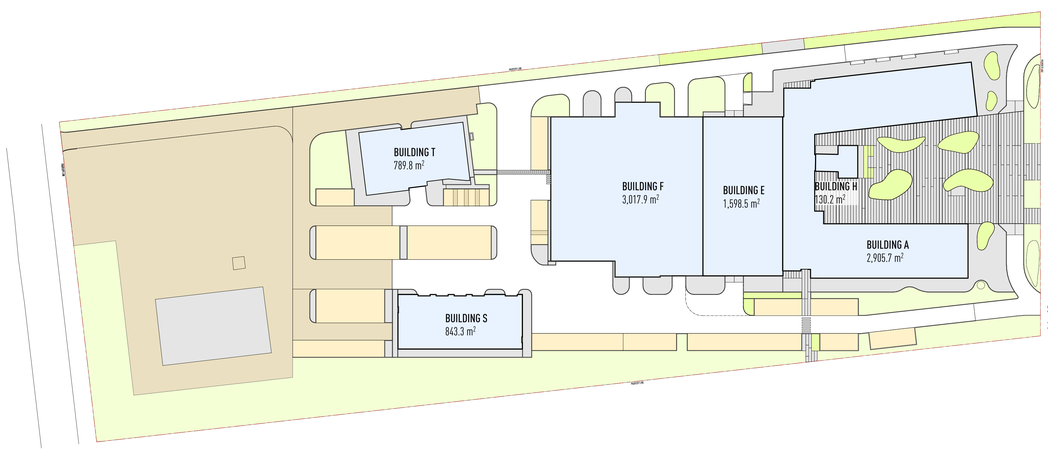
LiUNA CAMPUS | GCA			
BUILDING	FLOOR	AREA	STATUS
Building A			
	GCA 2F	2,802	New
	GCA GF	2,788	New
Building E			
	GCA GF	1,599	New
Building F			
	GCA GF	3,018	Existing
Building H			
	GCA 2F	130	Existing
	GCA GF	130	Existing
Building S			
	GCA GF	843	Existing
	GCA MEZZANINE	80	Existing
Building T			
	GCA GF	790	Existing
		12,180 m²	



2. KEY PLAN: GCA / GFA DEDUCTIONS - 2nd Floor

SCALE: 1:750

LiUNA CAMPUS | GFA DEDUCTIONS		
BUILDING	STOREY	AREA
Building A		
	GFA DEDUCTIONS 2F	46
	GFA DEDUCTIONS GF	304
Building H		
	GFA DEDUCTION 2F	130
		480 m²



SITE AREA
39,315.5 m²

BUILDING COVERAGE		
BUILDING	AREA SQM	STATUS
BUILDING A	2,906	New
BUILDING E	1,599	New
BUILDING F	3,018	Existing
BUILDING H	130	Existing
BUILDING S	843	Existing
BUILDING T	790	Existing
	9,286 m²	

Asphalt	4,494	Existing
Asphalt	1,205	New
Curbs	164	Existing
Curbs	173	New
Gravel	6,059	Existing
Hard Landscape	960	Existing
Hard Landscape	3,899	New
Open Grid Gravel	1,519	Existing
Open Grid Gravel	797	New
Permeable Pavers	2,515	New
Soft Landscape	7,182	Existing
Soft Landscape	1,063	New
	30,030 m²	

1. Key Plan Area Coverage

SCALE: 1:750

Name of Practice:
STANDARD PRACTICE

Name of Project:
LiUNA CAMPUS

Location:
8700 Huntington Road, Vaughan, Ontario, L4H 3N5

Date: 2024-03-27

Ontario Building Code Data Matrix
Part 3 — Last Amendment O. Reg. 332/12 — O. Reg. 151/14.

						Building Code Reference ¹
3.1	Building Code Version:	O. Reg. 332/12				
3.1	Project Type:	■ New ☐ Addition ☐ Renovation ☐ Change of use ☐ Addition and renovation Description: TEACHING FACILITY FOR SKILLED LABOUR				(A) 1.1.2.
3.2	Major Occupancy Classification:	Occupancy Unit Group A, Division 2 Assembly, Group D Personal Services/ Offices, Group F3 Low Hazard Industrial				3.1.2.1.(1)
3.2	Superimposed Major Occupancies:	☐ No ■ Yes Description: Group A, Div 2 Assembly/ Educational				3.2.2.7.
3.04	Building Area (m2):	Description:	Existing	New	Total	(A) 1.4.1.2.
		Ground Floor (Building A, E & H)	130	4,087	4,017	
		2nd Floor (Building A & H)	130	2,802	2,932	
		Total	260	7,189	7,449	
	Insert additional lines as					
3.05	Gross Area (m2):	Description:	Existing	New	Total	(A) 1.4.1.2.
		Ground Floor (Building A, E & H)	130	4,083	4,213	
		2nd Floor (Building A & H)	0	2,756	2,756	
		Total	130	6,839	6,969	
	Insert additional lines as					
3.06	Mezzanine Area (m2):	Description:	Existing	New	Total	3.2.1.1.
		Total				
	Insert additional lines as					
3.07	Building Height:	2 Storeys above grade 0 Storeys below grade		15.35 (m) Above grade		(A) 1.4.1.2. & 3.2.1.1.
3.08	High Building:	■ No ☐ Yes				3.2.6.
3.09	Number of Streets/	1 street(s)				3.2.2.10. &
3.1	Building Classification: Size and Construction	3.2.2. Group A/Div 2				3.2.2.20. - 83.
3.11	Sprinkler System	■ Required ☐ Not Required Proposed: ■ entire building ☐ selected compartments ☐ selected floor areas ☐ basement ☐ in lieu of roof rating ☐ none				3.2.1.5. & 3.2.1.7.
3.12	Standpipe System	☐ Not required ■ Required				3.2.9.
3.13	Fire Alarm System	■ Required ☐ Not required Proposed: ☐ Single stage ■ Two stage ☐ None				3.2.4.
3.14	Water Service / Supply: is	☐ No ■ Yes				
3.15	Construction Type:	Restriction: ☐ Combustible permitted ■ Non-combustible required Actual: ☐ Combustible ☐ Non-combustible ■ Combination Heavy Timber Construction: ■ No ☐ Yes				3.2.2.20. - 83. & 3.2.1.4.
3.16	Importance Category:	☐ Low ■ Low human occupancy ☐ Post-disaster shelter ☐ Farm ☐ High ■ Minor ☐ Explosive or hazardous substances ☐ Post-disaster				4.1.2.1.(2) & 4.1.2.1.&
3.17	Seismic Hazard Index:	Sa Fa Sa (0.2) = 0.167 Seismic design required for Table 4.1.8.18. items 6 to 21. (Sa Fa Sa (0.2)) = 0.35 or Post-disaster) X No ☐ Yes				4.1.2.1.(3) & 4.1.8.18.(3)
3.18	Occupant Load	Floor Level/Area Ground Floor 2nd Floor ... Insert additional lines as	Occupancy A2, F3 A2, D	Based On OBC table 3.1.17.1. & number of persons for which area is designed	Occupant Load 401 321	3.1.17.
3.19	Barrier-free Design:	■ Yes ☐ No	3.8.1.1 Application (b) buildings of Group A, Division 2 major occupancy.			3.8.
3.2	Hazardous Substances:	Yes ■ No	Explanation ...			3.3.1.2. & 3.3.1.19.
3.2	Required Fire Resistance Ratings:	Horizontal Assembly Floors over basement Floors Mezzanine Roof	Rating (H)	N/A 1 N/A (H) not occupied	Supporting Assembly (H)	Noncombustible ☐ No ☐ Yes ■ N/A ☐ No ■ Yes ☐ N/A ☐ No ☐ Yes ■ N/A ☐ No ☐ Yes ■ N/A	3.2.2.20. - 83. & 3.3.1.4.
3.22	Spatial Separation:	Wall EBF Area (m2) L/D (m) L/H or H/L North unlimited > 9 m South unlimited > 9 m East unlimited > 9 m West 0 0		Required FRR (H)	Construction Type Required 0 ☐ Noncombustible 0 ☐ Noncombustible 0 ☐ Noncombustible 2H X Noncombustible	Cladding Type Required ☐ Noncombustible ☐ Noncombustible ☐ Noncombustible X Noncombustible	3.2.3.
	Insert additional lines as						
3.29	Plumbing Fixture Requirements	Ratio - Male/Female = 2:1 Except as noted otherwise... Floor Level/Area Ground Floor 2nd Floor Insert additional lines as	Occupant Load		OBC Reference 401 3.7.4.2. (7) & 321 3.7.4.3.(10)	Fixtures Req'd Fixtures Prov'd 3 (M) + 2 (F) 5 (M) + 3 (F) + 1 Univ.) 3 (M) + 3 (F) 3 (M) + 3 (F)	3.7.4.2. & 3.7.4.3
3.24	Energy Efficiency:	Compliance Path: Climatic Zone: Zone 5					
		Notes:					
3.25	Insert additional lines as						

LiUNA CAMPUS - OBC Matrix

1. Copyright of this drawing is reserved by the Architect. The drawing and all associated documents are an instrument of service by the Architect. The drawing and the information contained therein may not be reproduced in whole or in part without prior written permission of the Architect.
2. These Contract Documents are the property of the Architect. The Architect bears no responsibility for the interpretation of these documents by the Contractor. Upon written application, the Architect will provide written/graphic clarification or supplementary information to enable the Contractor to execute the work properly. The Architect will review Shop Drawings submitted by the Contractor for design conformance only.
3. Drawings are not to be scaled for construction. The Contractor is to verify all existing conditions and dimensions required to perform the work and report any discrepancies with the Contract Documents to the Architect before commencing any work.
4. Positions of exposed finished mechanical or electrical devices, fittings, and fixtures are indicated on architectural drawings. The locations shown on the architectural drawings govern over the Mechanical and Electrical drawings. These items not clearly located will be located as directed by the Architect.
5. These drawings are not to be used for construction unless noted below as "Issuance: For Construction".
6. All work is to be carried out in conformance with the Code and Bylaws of the authorities having jurisdiction.
7. The Architect of these plans and specifications gives no warranty or representation to any party about the constructability of the building(s) represented by them. All contractors or subcontractors must satisfy themselves when bidding and at all times ensure that they can properly construct the work represented by these plans.
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AERIAL ORTHO-PHOTOGRAPH

CONTEXT MAP

LiUNA CAMPUS 2.0 - PROJECT SUMMARY — March 27, 2024

GFA Definition as per Zoning By-law No. 001-2021
(all areas in square meters)

SITE STATISTICS

ZONING BY LAW	A
PERMITTED USE	SCHOOL (TECHNICAL SCHOOL)
TOTAL SITE AREA	**39,315.50** sqm

BUILDING SETBACKS			LANDSCAPE BUFFER	
YARD	**REQUIRED**	**PROVIDED**	**REQUIRED**	**PROVIDED**
FRONT	15 m	15 m	6 m FRONT (STREET)	6 m
REAR	15 m	15 m	0.0 m REAR	0.0 m
SIDE	15 m	15 m	0.0 m SIDE	0.0 M

GROSS CONSTRUCTION AREA (GCA)	EXISTING	TO BE DEMOLISHED	PROPOSED/NEW	NEW/OLD COMBINED
BUILDING F (Workshops)	3,018			3,018
BUILDING T (Tunneling Building)	790			790
BUILDING S (Storage Building)	923			923
BUILDING H (Heritage Building)	260			260
SEMINAR BUILDING	773	773		0
SCHOOL BUILDING A			5,590	5,590
WORKSHOP BUILDING E			1,599	1,599
TOTAL GCA EXISTING, DEMOLISHED AND PROPOSED	**5,764**	**773**	**7,189**	**12,180**

GROSS FLOOR AREA (GFA)	Level	GCA	DEDUCTIONS	GFA
SCHOOL BUILDING A (NEW)	GF	2,788	304	2,484
	2F	2,802	46	2,756
WORKSHOP BUILDING E (NEW)	GF	1,599	0	1,599
BUILDING H (EXISTING HERITAGE)	GF	130	0	130
	2F	130	130	0
TOTAL		**7,449**	**480**	**6,969**

COVERAGE CALCULATIONS	SQM	SQFT	%
BUILDING AREA / SITE AREA	9,286	99,948	23.6
PAVED COVERAGE			
PAVED AREA (ASPHALT + CURBS/ NEW + EXIST.)	6,036	64,971	15.4
GRAVELED AREA (NEW + EXIST.)	6,059	65,218	15.4
PERMEABLE PAVERS AREA (NEW)	2,515	27,071	6.4
OPEN GRID GRAVELED AREA (NEW + EXIST.)	2,316	24,929	5.9
SUB-TOTAL	**16,926**	**182,190**	**43.1**
LANDSCAPED COVERAGE			
LANDSCAPED AREA (HARDSCAPE + SOFTSCAPE/ NEW + EXIST.)	13,104	141,050	33.3
TOTAL	**39,316**	**423,188**	**100.0**

PARKING SPACES		EXISTING	PROPOSED	TOTAL
STANDARD PARKING	a	95	50	145
ACCESSIBLE PARKING	b	5	4	9
TOTAL		**100**	**54**	**154**

BICYCLE PARKING		RATIO	REQUIRED	PROPOSED
MIN. BICYCLE PARKING RATES PER 100 m2 GFA				
LONG TERM	c	0.05	3.5	4
SHORT TERM	b	0.2	13.9	14
TOTAL REQUIRED			**17.4**	**18**

NOTES:
[a] STANDARD PARKING STALL TO BE 2.7m x 6.0m
[b] ACCESSIBLE PARKING STALL TO BE:
TYPE A: 3.4m x 6.0m
TYPE B: 2.4m x 6.0m
[c] BICYCLE PARKING SPACE TO BE 0.6m x 1.8 m
[d] STACKED BICYCLE PARKING SPACE

LiUNA CAMPUS - Project Summary

Standard Practice
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LiUNA Local 183

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#Client Phone Number
#Client E-mail

LiUNA EXPANSION

Context & Project Statistics

Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:46 PM]

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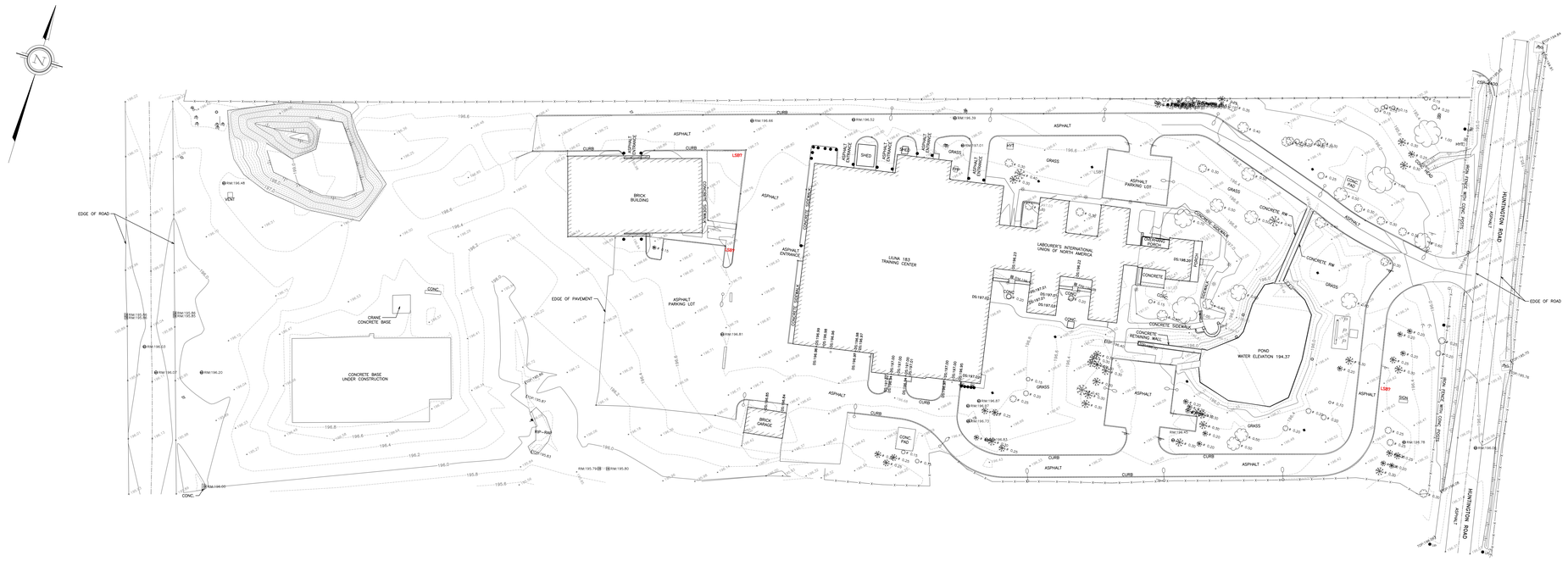
A-1.02

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05



METRIC

ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.

LEGEND:

	DENOTES	ANCHOR
	DENOTES	BENCH
	DENOTES	BOLLARD
E	DENOTES	BELL TERMINAL BOX
	DENOTES	CATCH BASIN
	DENOTES	DECIDUOUS TREE
	DENOTES	FIRE HYDRANT
	DENOTES	FLAG POLE
	DENOTES	DECK DRAIN
	DENOTES	GAS KEY
	DENOTES	GAS VALVE
	DENOTES	GAS METER
HP	DENOTES	HYDRO POLE
	DENOTES	LIGHT STANDARD
	DENOTES	MANHOLE-UNKNOWN
	DENOTES	MONITORING WELL
	DENOTES	POLE NON-UTILITY
	DENOTES	CONIFEROUS TREE
	DENOTES	SHRUB
	DENOTES	SIGN
UP	DENOTES	UTILITY POLE
	DENOTES	VENT
	DENOTES	WATER VALVE
CC&G	DENOTES	CURB AND GUTTER
	DENOTES	FENCE
250	DENOTES	MAJOR CONTOUR
	DENOTES	MINOR CONTOUR
	DENOTES	TOP OF SLOPE

NOTES:

1. PROJECTION IS 6° UTM ZONE 17 (CENTRAL MERIDIAN 81°00' WEST LONGITUDE).
2. COORDINATES SHOWN ON THIS PLAN ARE GRID AND ARE REFERRED TO NAD83 (EPOCH) DATUM.
3. ELEVATIONS ARE ORTHOMETRIC AND ARE REFERRED TO THE CGVD-1928:78 VERTICAL DATUM, BEING DERIVED FROM THE VERTICAL BENCHMARK 042200361, HAVING A PUBLISHED ELEVATION OF 205.934 m.
4. THE COMBINED SCALE FACTOR FOR THE AREA COVERED BY THIS PLAN IS 0.9997193.
5. CONTOUR INTERVAL: MAJOR 1.00m, MINOR 0.20 m
6. THIS PLAN REPRESENTS THE BEST INFORMATION AVAILABLE AT THE TIME OF SURVEY. GEOVERRA AND ITS EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND PIPES, CONDUITS, CABLES OR FACILITIES, WHETHER SHOWN ON OR OMITTED FROM THIS PLAN.
7. DATE OF SURVEY: 2023/04/11

REVISIONS					
0	04/28/23	ORIGINAL ISSUE	MM	AH	BW
REV	DATE	DESCRIPTION	PC	BY	CHK

FULL SIZE ONLY

SCALE 1:500

5 0 5 10 15 20 30 50 metres

TOPOGRAPHIC PLAN OF

LiUNA COMPUS EXPANSION
VAUGHAN, ONTARIO

JOB NO.:	DWG. NO.:	REV.:	SHT.:
23-00668-001	23-00668-001-TOPO	0	1/1

GeoVerra
Mississauga (647)-905-8887
www.geoverra.com

GeoVerra

CAD FILE NAME: \\geoverra.com\data\Projects\2023\23-00668\P00\V001 - Technical\V001 - Working\V001 - CAD\23-00668-001 - 12000 Campus Expansion.dwg
PLOTTED DATE: Apr 26, 2023

LiUNA Local 183

8700 Huntington Road Vaughan ON L4H 3N5
#Client Phone Number
#Client E-mail

LiUNA EXPANSION

Survey (Existing Site Condition)

Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:46 PM]

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A-1.03

STANDARD CITY OF VAUGHAN SITE PLAN NOTES:

(1) Standard drawings of the City of Vaughan constitute part of the site plan drawing(s).

(2) All construction work to be carried out in accordance with the requirements of the Occupational Health and Safety Act and Regulations for construction projects.

(3) The Owner shall retain the services of his consultants to ensure required inspection reports and/or certification requirements are submitted to the Engineering Department and other affected City Departments.

(4) The Owner and/or his representative shall rectify all disturbed are as to original condition or better and to the satisfaction of the City.

(5) The location of all under/above ground utilities and structures is approximate only and where shown on the drawing(s) the accuracy of the location of such utilities is not guaranteed. The owner and/or his representative shall determine the location of all such utilities and structures by consulting the appropriate authorities or utility companies concerned. The owner shall prove the location of such utilities and structures and shall assume all liability for damage or restoration or adjustment for the same.

(6) Any conflicts with existing services shall be rectified at the Owner's expense.

(7) Sanitary and storm control manholes shall be in accordance with Provincial Standard OPSD 701.010. Frame and cover shall be McCoy HM331 or approved equal. The manholes shall be benched to the obvert (top) of pipes.

(8) All sanitary manhole covers in the ponding are as to be watertight sealed covers.

(9) All catchbasins shall be installed in accordance with City Standard Drawing K-4. All catchbasin frames and covers shall be McCoy HM311 or approved equal.

(10) All industrial/commercial/condominium watermain connections shall be constructed in accordance with City Standard Drawings C-102, C-103 and W-106.

(11)Watermain shall have a minimum vertical separation of 0.5m and horizontal separation of 2.5m between any sewer or manhole.

(12) Hydrants to be installed as per City Standard W-104 with 1.0m minimum clear from all obstructions.

(13) Entrance driveways shall be constructed with heavy duty asphalt from the back of the municipal curb or edge of pavement to the property line (area highlighted on drawing(s) in accordance with the following specifications:
- a. 50mm compacted depth of HL3 asphalt - top course
- b. 75mm compacted depth of HL8 asphalt - binder course
- c. 150mm compacted depth of 20mm crusher run limestone - granular base
- d. 300mm compacted depth of 50mm crusher run limestone - granular sub-base

(14) All concrete curb from existing road curb to street line shall be barrier curb OPSD 600.110. All concrete curb heights shall be 150mm unless otherwise noted. Entrance driveway curb to be discontinuous at sidewalk and tapered back 600mm minimum.

(15) All required curb cutting at entrance driveway and curb depressions at sidewalk crossings shall be installed to the satisfaction of the City.

(16) Existing roadway curb and gutter to be continuous through the proposed new driveway entrance(s) along with the municipal sidewalk.

(17) Sidewalk to be 200mm thick through entrance driveway entrance per City Standard R-128.

(18) Frost collars are to be provided on curb stops and valve boxes when located within the limits of the driveways.

(19) Entrance driveways shall be setback a minimum clearance of 1.0m from all aboveground services or other obstructions.

(20) Appropriate construction details should be provided for retaining walls higher than 1.0m. Details shall be designed and certified by a professional engineer upon approval. Handrail/guard/fence is required when height exceeds 0.60m (as per City Standard Drawing FRW-105 or approved equal). Upon completion retaining walls greater than 1.0m to be certified by a structural and geotechnical engineer.

(21) Landscape shall not encroach on boulevard nor shall boulevard grades be altered.

(22) Slopes in landscaped areas and on berms shall not exceed 3 horizontal to 1 vertical.

(23)Pavement grades (min. 0.5%, max 5%).

(24) Drainage grassed swales with grades (min. 2%, max 5%).

(25) Outside lighting shall be directed downward and inward and designed to maintain zero cut-off light level distribution at the property line.

(26) Sanitary, storm and water service connections which are not in place on the municipal road allowance to the property line shall be arranged for installation by the City on payment of installation costs by the owner. To initiate the installation of the service connection(s), the owner shall file an application with the Development Inspection & Lot Grading Division of the Development Engineering Department which includes 2 copies of the approved site plan drawing(s) with Department's approval seal and if required a copy of the Regional Approval Schedule as per the executed Site Plan Agreement.

(27) Silt fence(s) to be installed and maintained to prevent silt flowing onto adjacent lands until the completion of sodding activities.

(28) Construction access shall be constructed with a minimum depth of 450mm crushed stone base from the municipal curb or edge of pavement to the property line, to the satisfaction of the City.

(29) The surface of all loading spaces and related driveways, parking spaces, and maneuvering areas within the site shall be paved with a hard surface. The recommended minimum depth requirements are as follows:
- a. 40mm compacted depth HL3 asphalt - top course
- b. 50mm compacted depth HL8 asphalt - binder course
- c. 150mm compacted depth 20mm crusher run limestone - granular base
- d. 200mm compacted depth 50mm crusher run limestone - granular sub-base

(30) Condominium unit driveways - the minimum recommended depth requirements are as follows:
- a. 25mm compacted depth HL3 asphalt top course
- b. 50mm compacted depth HL8 asphalt base course
- c. 200mm compacted depth 20mm dia. crusher run limestone

Top course asphalt shall not be placed until the base course asphalt has been in place for one winter season. Other hard surfaces may be installed as approved by the City.

(31) The Consulting Engineer shall design, implement and monitor the erosion and sediment control measures during all phases of construction on the lands in accordance with the TRCA Erosion and Sediment Control Guidelines for Urban Construction dated December 12, 2006, to the satisfaction of the City and TRCA.

(32) All proposed parking spaces for disabled to include "Rb-93 BY PERMIT ONLY" traffic sign and pavement disabled symbol marking in accordance with City Standard Drawing.

STANDARD SITE PLAN NOTES FOR CITY OF VAUGHAN

SITE PLAN ACCESSIBILITY NOTES

ACCESSIBLE PARKING SPACES
PATH OF TRAVEL: 1500 mm (min.) wide to accessible entrance.
LOCATION: within 30 m of accessible entrance
SURFACE: firm, stable and slip-resistant.
RUNNING SLOPE: 1:50 (max.).
CROSS-SLOPE: 1:50 (max.).
OVERHEAD CLEARANCE: 2100 mm or 2750 mm for van accessible spaces.
TYPE A SPACE: 3400 mm (min.) wide x 5800 mm (min.) long.
TYPE B SPACE: 2400 mm (min.) wide x 5800 mm (min.) long.
ACCESS AISLE: 1500 mm (min.) wide, clearly marked, adjacent to accessible parking space.
Note: Two adjacent accessible parking spaces may share an access aisle.
DIRECTIONAL SIGNAGE: provided to guide users to nearest accessible entrance.

VERTICAL SIGNAGE:
Width 300 mm (min.) x Height 450 mm (min.).
Mounted 1500 to 2000 mm high at centre.
Marked with International Symbol of Accessibility.

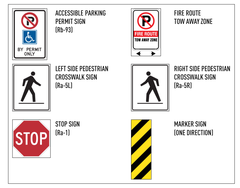
PAVEMENT SIGNAGE:
Marked with International Symbol of Accessibility.
Length 1525 mm (min.) x Width 1525 mm (min).

EXTERIOR PATHS OF TRAVEL:
SURFACE: firm, stable and slip-resistant.
HEADROOM CLEARANCE: 2400 mm (min.).
LIGHTING: 50 lux (5 foot-candles) (min.) at components (e.g., stairs, ramps and rest areas).
CLEAR WIDTH: 1500 mm.
RUNNING SLOPE: 1:20 (5%) (Max.).Note: If walkways exceed 5%, a ramp is required.
CROSS-SLOPE: 1:50 (2%) (Max.).
REST AREA: provided at every 30 m along path of travel.

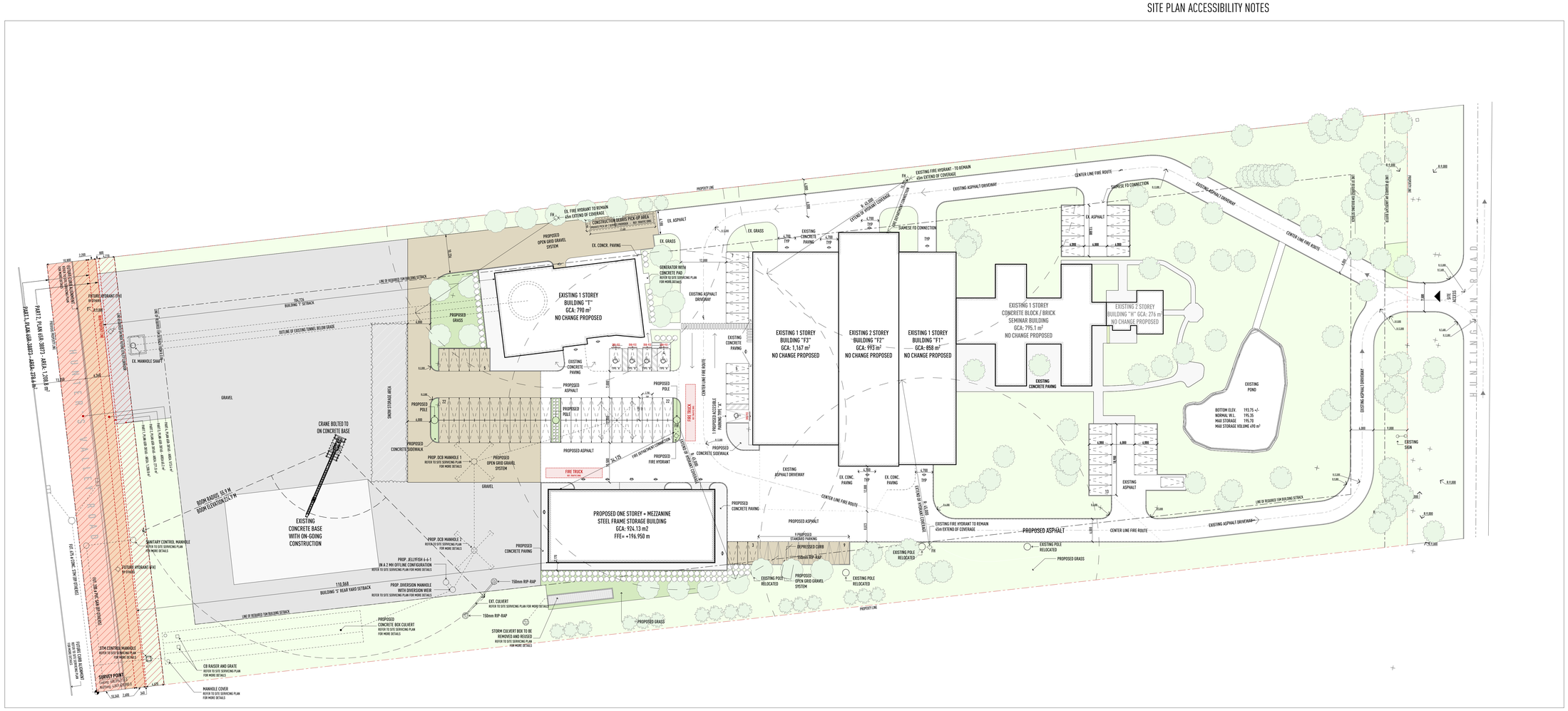
STAIRS:
SURFACE: slip-resistant and non-glare.
TREAD 280 to 355 mm deep, uniform.
RISER: 125 to 180 mm high, uniform.
OPEN RISER:
NOSING PROJECTION: 38 mm (max.).
NOSING STRIP: 50 mm deep; colour contrasted, at leading edge of tread, extending full width of tread.
TACTILE ATTENTION INDICATOR (TAI)
SURFACES: 610 mm (min.) deep, at top of stairs, one tread back. Note: Refer to Section 2.7, Tactile Walking Surface Indicators for detailed requirements.
LIGHTING: 50 lux (5 foot-candles) (min.).
HANDRAIL: 865 to 965 mm high on both sides. Note: Refer to Section 2.4, Guards and Handrails for detailed requirements.

BUILDING ENTRANCE
PROVISION: At least one (1) accessible entrance or 50%of the total number of building entrances (Main or primary entrance to be accessible, with level access (preferred)).

SITE PLAN ACCESSIBILITY NOTES



SIGNAGE



101 INTERIM SITE PLAN
SCALE: 1:400

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

GENERAL NOTE:

UNLESS OTHERWISE NOTED: STANDARD PARKING STALL TO BE 2.7m x 6.0 m, ACCESSIBLE PARKING STALL TO BE "TYPE A" 3.4m x 6.0m, and "TYPE B" 2.4m x 6.0m.

ARCHITECTURAL LEGEND:

- EXISTING GRAVEL
- PROPOSED OPEN GRID GRAVEL SYSTEM
- PROPOSED PERMEABLE PAVER SYSTEM
- ASPHALT PAVING
- CONCRETE SIDEWALK / HARDSCAPE
- SOFT LANDSCAPE

- EXISTING RELOCATED STANDARD PARKING STALL 2.7 x 6.0 m
- EXISTING STANDARD PARKING STALL 2.7 x 6.0 m
- EXISTING BARRIER FREE PARKING STALL TYPE A: 3.4 x 6.0 m
- EXISTING BARRIER FREE PARKING STALL TYPE B: 2.4 x 6.0 m
- PROPOSED STANDARD PARKING STALL 2.7 x 6.0 m
- PROPOSED BARRIER FREE PARKING STALL TYPE A: 3.4 x 6.0 m
- PROPOSED BARRIER FREE PARKING STALL TYPE B: 2.4 x 6.0 m
- HERITAGE/PRESERVED TREE

DASHED LINE DENOTES ELEMENTS TO BE DEMOLISHED

HATCHED AREA DENOTES ROAD CONVEYANCE REGISTERED REFERENCE PLAN 65R-38165

FILLED AREA DENOTES ROAD CONVEYANCE REGISTERED REFERENCE PLAN 65R-38873

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#Client Phone Number
#Client E-mail

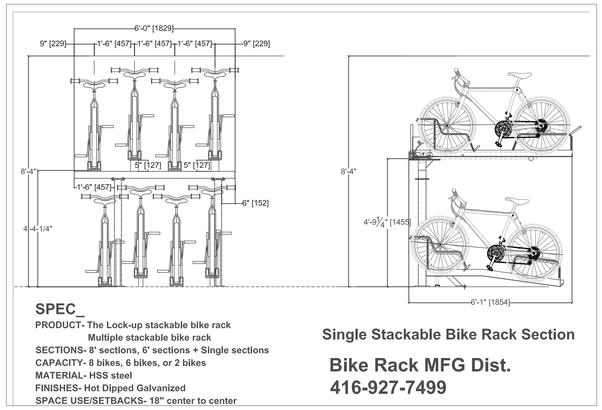
LiUNA EXPANSION

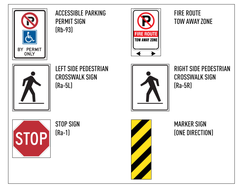
Interim Site Plan

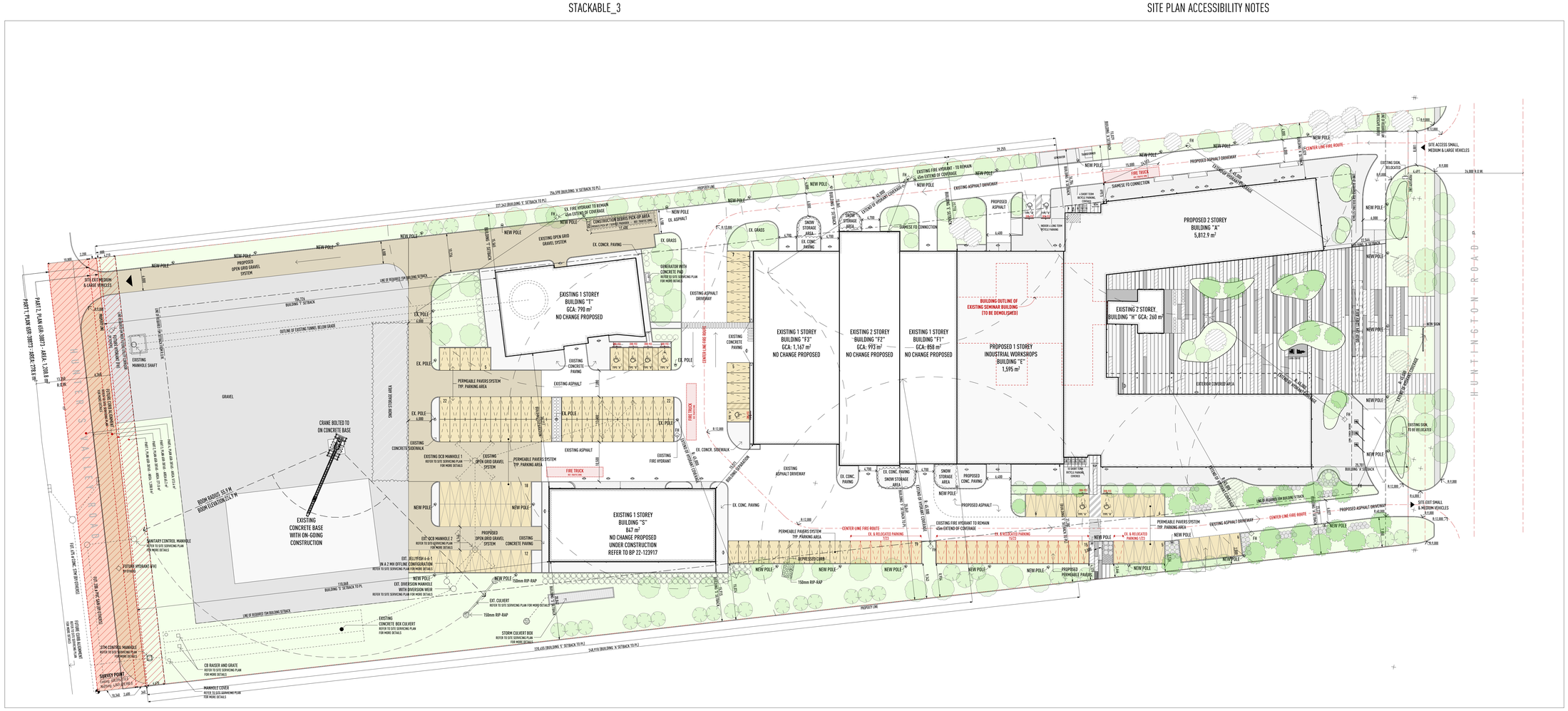
Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 (3:46 PM)

Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LiUNA/LiUNA CAMPUS 13

A-1.04







STANDARD CITY OF VAUGHAN SITE PLAN NOTES:

(1) Standard drawings of the City of Vaughan constitute part of the site plan drawing(s).

(2) All construction work to be carried out in accordance with the requirements of the Occupational Health and Safety Act and Regulations for construction projects.

(3) The Owner shall retain the services of his consultants to ensure required inspection reports and/or certification requirements are submitted to the Engineering Department and other affected City Departments.

(4) The Owner and/or his representative shall rectify all disturbed are as to original condition or better and to the satisfaction of the City.

(5) The location of all under/above ground utilities and structures is approximate only and where shown on the drawing(s) the accuracy of the location of such utilities is not guaranteed. The owner and/or his representative shall determine the location of all such utilities and structures by consulting the appropriate authorities or utility companies concerned. The owner shall prove the location of such utilities and structures and shall assume all liability for damage or restoration or adjustment for the same.

(6) Any conflicts with existing services shall be rectified at the Owner's expense.

(7) Sanitary and storm control manholes shall be in accordance with Provincial Standard OPSD 701.010. Frame and cover shall be McCoy HM331 or approved equal. The manholes shall be benched to the obvert (top) of pipes.

(8) All sanitary manhole covers in the ponding are as to be watertight sealed covers.

(9) All catchbasins shall be installed in accordance with City Standard Drawing K-4. All catchbasin frames and covers shall be McCoy HM311 or approved equal.

(10) All industrial/commercial/condominium watermain connections shall be constructed in accordance with City Standard Drawings C-102, C-103 and W-106.

(11)Watermain shall have a minimum vertical separation of 0.5m and horizontal separation of 2.5m between any sewer or manhole.

(12) Hydrants to be installed as per City Standard W-104 with 1.0m minimum clear from all obstructions.

(13) Entrance driveways shall be constructed with heavy duty asphalt from the back of the municipal curb or edge of pavement to the property line (area highlighted on drawing(s) in accordance with the following specifications:
  - a. 50mm compacted depth of HL3 asphalt - top course
  - b. 75mm compacted depth of HL8 asphalt - binder course
  - c. 150mm compacted depth of 20mm crusher run limestone - granular base
  - d. 300mm compacted depth of 50mm crusher run limestone - granular sub-base

(14) All concrete curb from existing road curb to street line shall be barrier curb OPSD 600.110. All concrete curb heights shall be 150mm unless otherwise noted. Entrance driveway curb to be discontinuous at sidewalk and tapered back 600mm minimum.

(15) All required curb cutting at entrance driveway and curb depressions at sidewalk crossings shall be installed to the satisfaction of the City.

(16) Existing roadway curb and gutter to be continuous through the proposed new driveway entrance(s) along with the municipal sidewalk.

(17) Sidewalk to be 200mm thick through entrance driveway entrance per City Standard R-128.

(18) Frost collars are to be provided on curb stops and valve boxes when located within the limits of the driveways.

(19) Entrance driveways shall be setback a minimum clearance of 1.0m from all aboveground services or other obstructions.

(20) Appropriate construction details should be provided for retaining walls higher than 1.0m. Details shall be designed and certified by a professional engineer upon approval. Handrail/guard/fence is required when height exceeds 0.60m (as per City Standard Drawing FRW-105 or approved equal). Upon completion retaining walls greater than 1.0m to be certified by a structural and geotechnical engineer.

(21) Landscape shall not encroach on boulevard nor shall boulevard grades be altered.

(22) Slopes in landscaped areas and on berms shall not exceed 3 horizontal to 1 vertical.

(23)Pavement grades (min. 0.5%, max 5%).

(24) Drainage grassed swales with grades (min. 2%, max 5%).

(25) Outside lighting shall be directed downward and inward and designed to maintain zero cut-off light level distribution at the property line.

(26) Sanitary, storm and water service connections which are not in place on the municipal road allowance to the property line shall be arranged for installation by the City on payment of installation costs by the owner. To initiate the installation of the service connection(s), the owner shall file an application with the Development Inspection & Lot Grading Division of the Development Engineering Department which includes 2 copies of the approved site plan drawing(s) with Department's approval seal and if required a copy of the Regional Approval Schedule as per the executed Site Plan Agreement.

(27) Silt fence(s) to be installed and maintained to prevent silt flowing onto adjacent lands until the completion of sodding activities.

(28) Construction access shall be constructed with a minimum depth of 450mm crushed stone base from the municipal curb or edge of pavement to the property line, to the satisfaction of the City.

(29) The surface of all loading spaces and related driveways, parking spaces, and maneuvering areas within the site shall be paved with a hard surface. The recommended minimum depth requirements are as follows:
  - a. 40mm compacted depth HL3 asphalt - top course
  - b. 50mm compacted depth HL8 asphalt - binder course
  - c. 150mm compacted depth 20mm crusher run limestone - granular base
  - d. 200mm compacted depth 50mm crusher run limestone - granular sub-base

(30) Condominium unit driveways - the minimum recommended depth requirements are as follows:
  - a. 25mm compacted depth HL3 asphalt top course
  - b. 50mm compacted depth HL8 asphalt base course
  - c. 200mm compacted depth 20mm dia. crusher run limestone

  Top course asphalt shall not be placed until the base course asphalt has been in place for one winter season. Other hard surfaces may be installed as approved by the City.

(31) The Consulting Engineer shall design, implement and monitor the erosion and sediment control measures during all phases of construction on the lands in accordance with the TRCA Erosion and Sediment Control Guidelines for Urban Construction dated December 12, 2006, to the satisfaction of the City and TRCA.

(32) All proposed parking spaces for disabled to include "Rb-93 BY PERMIT ONLY" traffic sign and pavement disabled symbol marking in accordance with City Standard Drawing.

STANDARD SITE PLAN NOTES FOR CITY OF VAUGHAN

SPEC_

PRODUCT- The Lock-up stackable bike rack
Multiple stackable bike rack
SECTIONS- 8' sections, 6' sections + Single sections
CAPACITY- 8 bikes, 6 bikes, or 2 bikes
MATERIAL- HSS steel
FINISHES- Hot Dipped Galvanized
SPACE USE/SETBACKS- 18" center to center

Single Stackable Bike Rack Section

Bike Rack MFG Dist.
416-927-7499

STACKABLE_3

SITE PLAN ACCESSIBILITY NOTES

ACCESSIBLE PARKING SPACES
PATH OF TRAVEL: 1500 mm (min.) wide to accessible entrance.
LOCATION: within 30 m of accessible entrance
SURFACE: firm, stable and slip-resistant.
RUNNING SLOPE: 1:50 (max.).
CROSS-SLOPE: 1:50 (max.).
OVERHEAD CLEARANCE: 2100 mm or 2750 mm for van accessible spaces.
TYPE A SPACE: 3400 mm (min.) wide x 5800 mm (min.) long.
TYPE B SPACE: 2400 mm (min.) wide x 5800 mm (min.) long.
ACCESS AISLE: 1500 mm (min.) wide, clearly marked, adjacent to accessible parking space.
Note: Two adjacent accessible parking spaces may share an access aisle.
DIRECTIONAL SIGNAGE: provided to guide users to nearest accessible entrance.

VERTICAL SIGNAGE:
Width 300 mm (min.) x Height 450 mm (min.).
Mounted 1500 to 2000 mm high at centre.
Marked with International Symbol of Accessibility.

PAVEMENT SIGNAGE:
Marked with International Symbol of Accessibility.
Length 1525 mm (min.) x Width 1525 mm (min).

EXTERIOR PATHS OF TRAVEL:
SURFACE: firm, stable and slip-resistant.
HEADROOM CLEARANCE: 2400 mm (min.).
LIGHTING: 50 lux (5 foot-candles) (min.) at components (e.g., stairs, ramps and rest areas).
CLEAR WIDTH: 1500 mm.
RUNNING SLOPE: 1:20 (5%) (Max.).Note: If walkways exceed 5%, a ramp is required.
CROSS-SLOPE: 1:50 (2%) (Max.).
REST AREA: provided at every 30 m along path of travel.

STAIRS:
SURFACE: slip-resistant and non-glare.
TREAD 280 to 355 mm deep, uniform.
RISER: 125 to 180 mm high, uniform.
OPEN RISER:
NOSING PROJECTION: 38 mm (max.).
NOSING STRIP: 50 mm deep; colour contrasted, at leading edge of tread, extending full width of tread.
TACTILE ATTENTION INDICATOR (TAI)
SURFACES: 610 mm (min.) deep, at top of stairs, one tread back. Note: Refer to Section 2.7, Tactile Walking Surface Indicators for detailed requirements.
LIGHTING: 50 lux (5 foot-candles) (min.).
HANDRAIL: 865 to 965 mm high on both sides. Note: Refer to Section 2.4, Guards and Handrails for detailed requirements.

BUILDING ENTRANCE
PROVISION: At least one (1) accessible entrance or 50%of the total number of building entrances
(Main or primary entrance to be accessible, with level access (preferred)).

SITE PLAN ACCESSIBILITY NOTES

SIGNAGE

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2. These Contract Documents are the property of the Architect. The Architect bears no responsibility for the interpretation of these documents by the Contractor. Upon written application, the Architect will provide written/graphic clarification or supplementary information regarding the intent of the Contract Documents. The Architect will review Shop Drawings submitted by the Contractor for design conformance only.
3. Drawings are not to be scaled for construction. The Contractor is to verify all existing conditions and dimensions required to perform the work and report any discrepancies with the Contract Documents to the Architect before commencing any work.
4. Positions of exposed finished mechanical or electrical devices, fittings, and fixtures are indicated on architectural drawings. The locations shown on the architectural drawings govern over the Mechanical and Electrical drawings. Those items not clearly located will be located as directed by the Architect.
5. These drawings are not to be used for construction unless noted below as "Issuance: For Construction"
6. All work is to be carried out in conformance with the Code and Bylaws of the authorities having jurisdiction.
7. The Architect of these plans and specifications gives no warranty or representation to any party about the constructability of the building(s) represented by them. All contractors or subcontractors must satisfy themselves when bidding and at all times ensure that they can properly construct the work represented by these plans.

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

102

ULTIMATE SITE PLAN

SCALE: 1:400

GENERAL NOTE:

UNLESS OTHERWISE NOTED: STANDARD PARKING STALL TO BE 2.7m x 6.0 m, ACCESSIBLE PARKING STALL TO BE "TYPE A" 3.4m x 6.0m, and "TYPE B" 2.4m x 6.0m.

ARCHITECTURAL LEGEND:

- ▭ EXISTING GRAVEL
- ▭ PROPOSED OPEN GRID GRAVEL SYSTEM
- ▭ PROPOSED PERMEABLE PAVER SYSTEM
- ▭ ASPHALT PAVING
- ▭ CONCRETE SIDEWALK / HARDSCAPE
- ▭ SOFT LANDSCAPE
- EXISTING RELOCATED STANDARD PARKING STALL 2.7 x 6.0 m
- EXISTING STANDARD PARKING STALL 2.7 x 6.0 m
- EXISTING BARRIER FREE PARKING STALL TYPE A: 3.4 x 6.0 m
- EXISTING BARRIER FREE PARKING STALL TYPE B: 2.4 x 6.0 m
- PROPOSED STANDARD PARKING STALL 2.7 x 6.0 m
- PROPOSED BARRIER FREE PARKING STALL TYPE A: 3.4 x 6.0 m
- PROPOSED BARRIER FREE PARKING STALL TYPE B: 2.4 x 6.0 m
- HERITAGE/PRESERVED TREE
- DASHED LINE DENOTES ELEMENTS TO BE DEMOLISHED
- ▨ HATCHED AREA DENOTES ROAD CONVEYANCE REGISTERED REFERENCE PLAN 65R-38165
- ▭ FILLED AREA DENOTES ROAD CONVEYANCE REGISTERED REFERENCE PLAN 65R-38873

K

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#Client E-mail

LiUNA EXPANSION

Ultimate Site Plan

Date of Issue: 2024-04-09
Project No.: 18003
Print Date: 2024-04-09 [10:30 AM]

Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LiUNA/LiUNA CAMPUS 15

A-1.05

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

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LiUNA EXPANSION

Roof Plan

Date of Issue: 2024-04-05
Project No.: 19003
Print Date: 2024-04-05 [3:46 PM]

Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LIUNA/LIUNA CAMPUS 10

A-1.06

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

GENERAL NOTE:

UNLESS OTHERWISE NOTED: STANDARD PARKING STALL TO BE 2.7m x 6.0 m, ACCESSIBLE PARKING STALL TO BE "TYPE A" 3.4m x 6.0m, and "TYPE B" 2.4m x 6.0m.

ARCHITECTURAL LEGEND:

- EXISTING GRAVEL
- PROPOSED OPEN GRID GRAVEL SYSTEM
- PROPOSED PERMEABLE PAVER SYSTEM
- ASPHALT PAVING
- CONCRETE SIDEWALK / HARDSCAPE
- SOFT LANDSCAPE

- EXISTING RELOCATED STANDARD PARKING STALL 2.7 x 6.0 m
- EXISTING STANDARD PARKING STALL 2.7 x 6.0 m
- EXISTING BARRIER FREE PARKING STALL TYPE A: 3.4 x 6.0 m
- EXISTING BARRIER FREE PARKING STALL TYPE B: 2.4 x 6.0 m
- PROPOSED STANDARD PARKING STALL 2.7 x 6.0 m
- PROPOSED BARRIER FREE PARKING STALL TYPE A: 3.4 x 6.0 m
- PROPOSED BARRIER FREE PARKING STALL TYPE B: 2.4 x 6.0 m
- HERITAGE/PRESERVED TREE

DASHED LINE DENOTES ELEMENTS TO BE DEMOLISHED

HATCHED AREA DENOTES ROAD CONVEYANCE REGISTERED REFERENCE PLAN 65R-38165

FILLED AREA DENOTES ROAD CONVEYANCE REGISTERED REFERENCE PLAN 65R-38873

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LiUNA EXPANSION

Ground Floor

Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:46 PM]

Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LIUNA/LIUNA CAMPUS 10

A-2.01

200 Ground Floor
SCALE: 1:200

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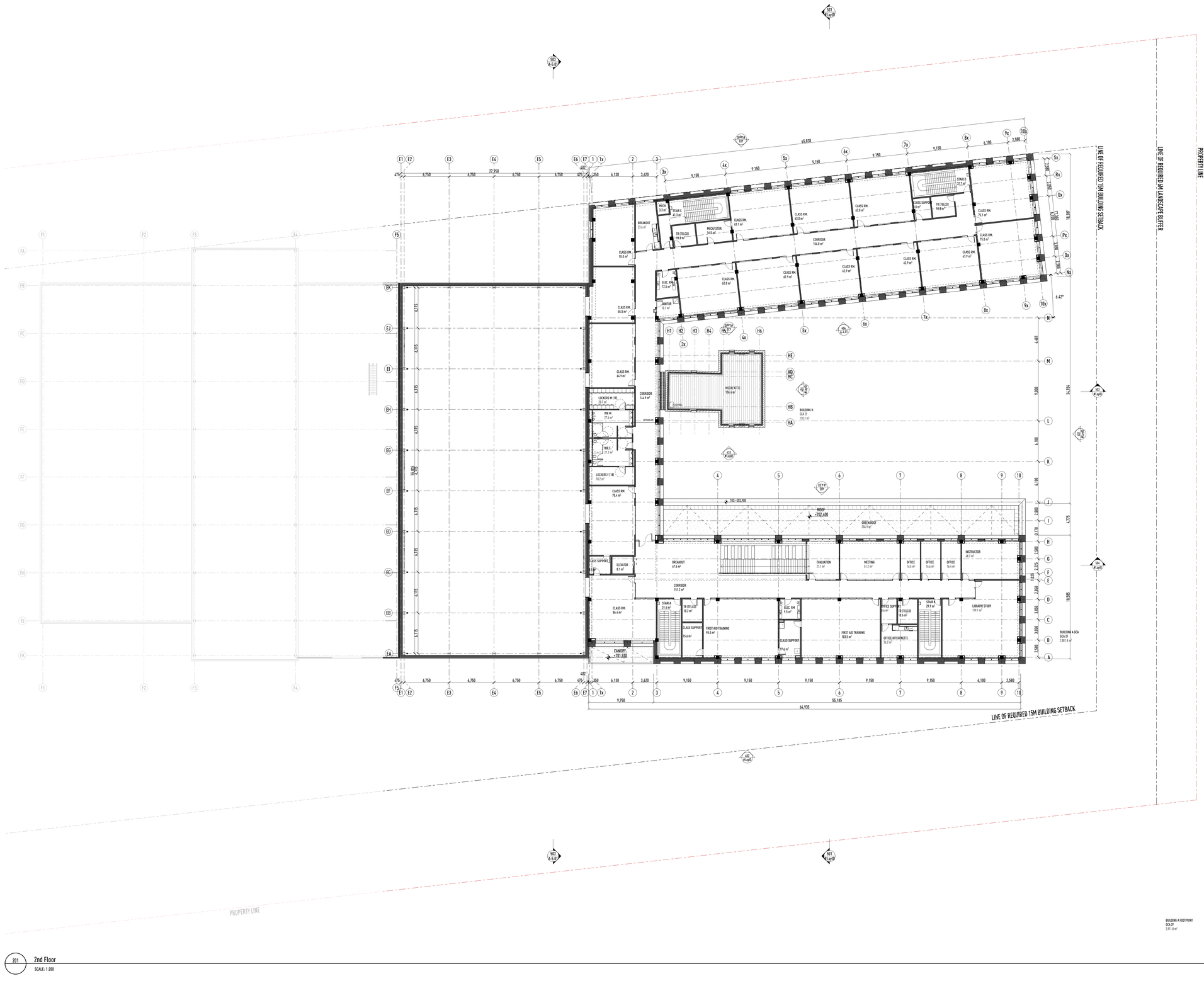
6. All work is to be carried out in conformance with the Code and Bylaws of the authorities having jurisdiction.
7. The Architect of these plans and specifications gives no warranty or representation to any party about the constructability of the building(s) represented by them. All contractors or subcontractors must satisfy themselves when bidding and at all times ensure that they can properly construct the work represented by these plans.

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05



BUILDING A FOOTPRINT
GCA 2F
2,911.8 m²

201 **2nd Floor**

SCALE: 1:200

K

ONTARIO ASSOCIATION OF ARCHITECTS
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LiUNA EXPANSION

Second Floor

Date of Issue:	2024-04-05
Project No.:	18003
Print Date:	2024-04-05 [3:46 PM]

Document Source :	BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LiUNA/LiUNA CAMPUS 15

A-2.02

No.	Issuance	Date
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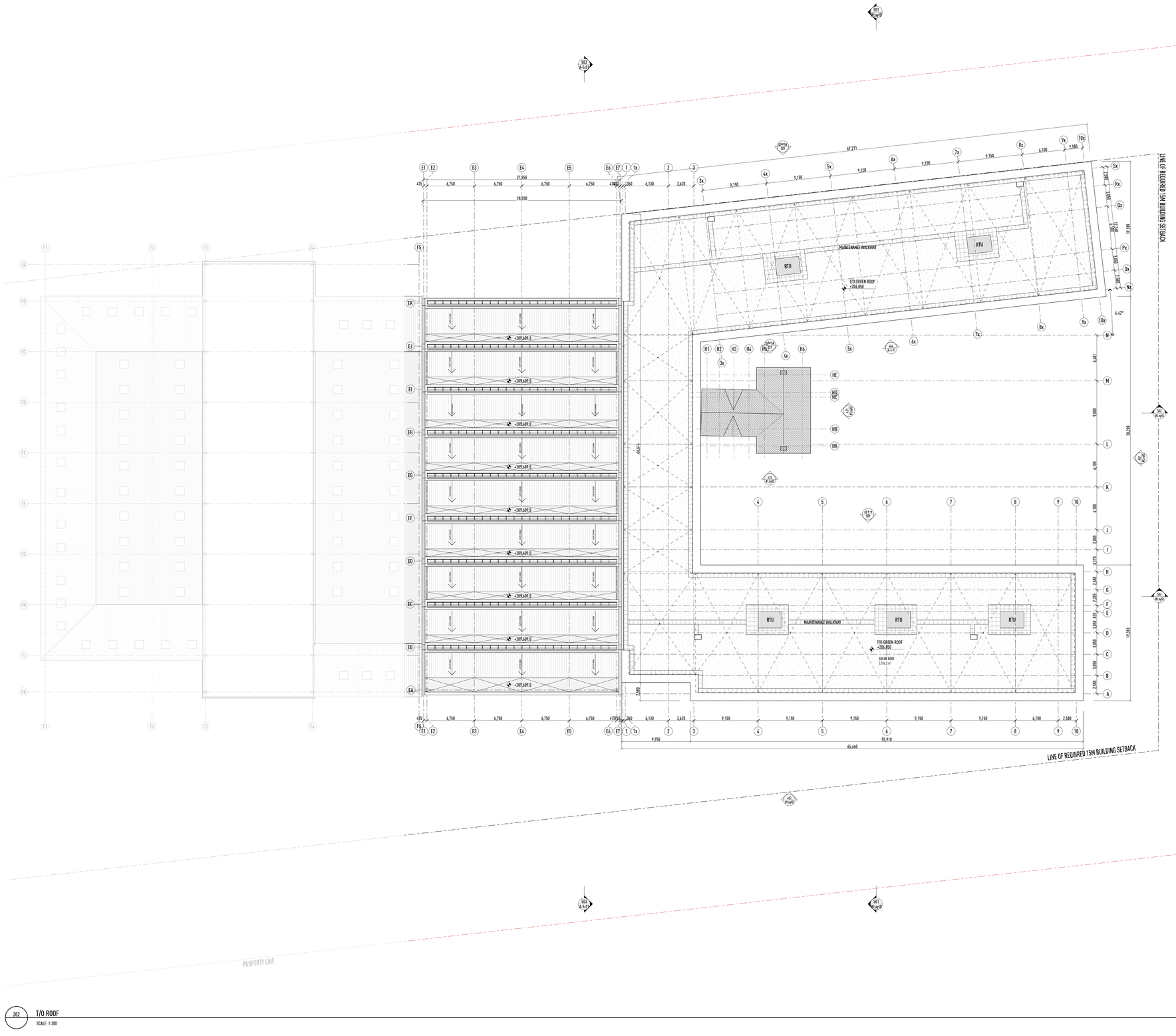
02	Issued for Site Plan Approval # 2	2024-04-05



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LiUNA EXPANSION

Roof Plan

Date of Issue: 2024-04-05
Project No.: 19003
Print Date: 2024-04-05 [3:46 PM]

Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LIUNA/LIUNA CAMPUS 19

A-2.03

202 T/O ROOF
SCALE: 1:200

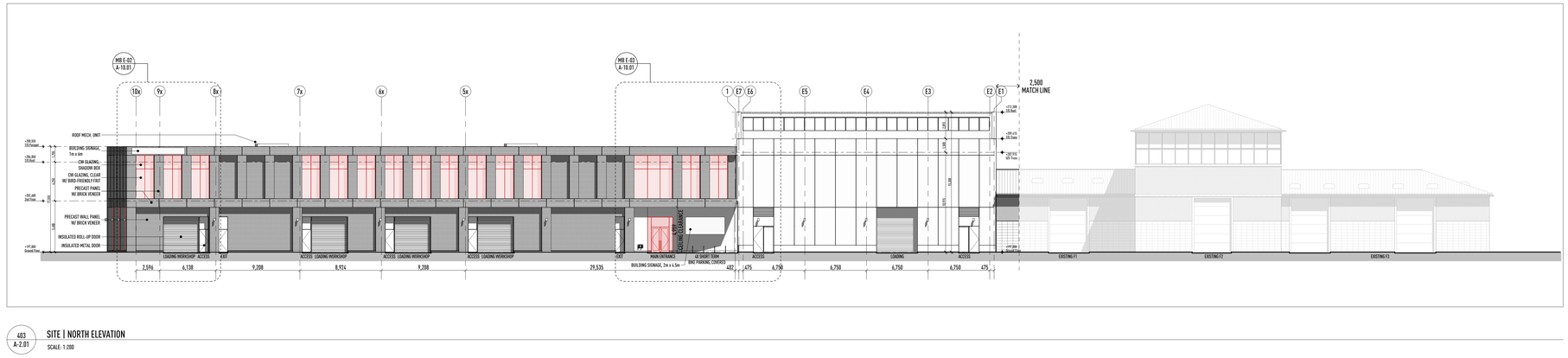
No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

405 A-2.01 SITE | NORTH FACING SOUTH COURTYARD ELEVATION

SCALE: 1:200

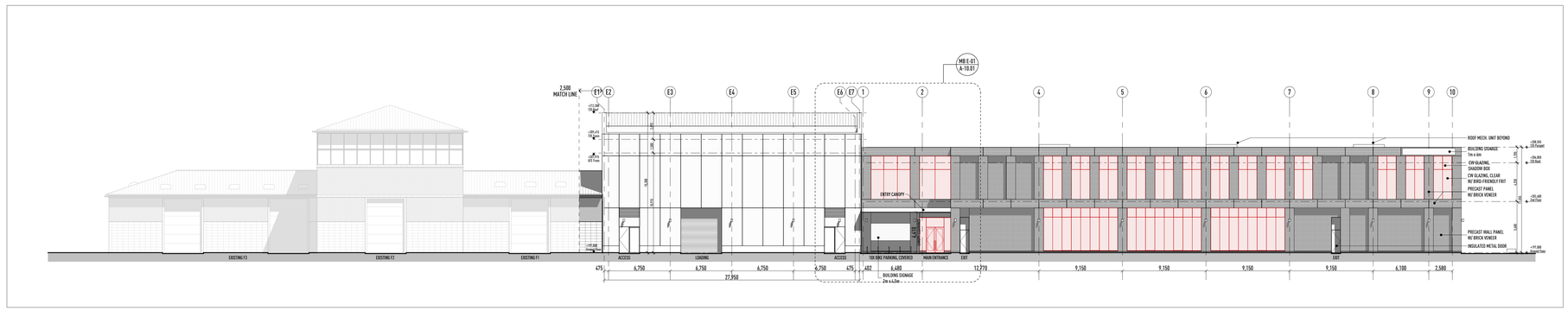
404 A-2.01 SITE | SOUTH FACING NORTH COURTYARD ELEVATION

SCALE: 1:200



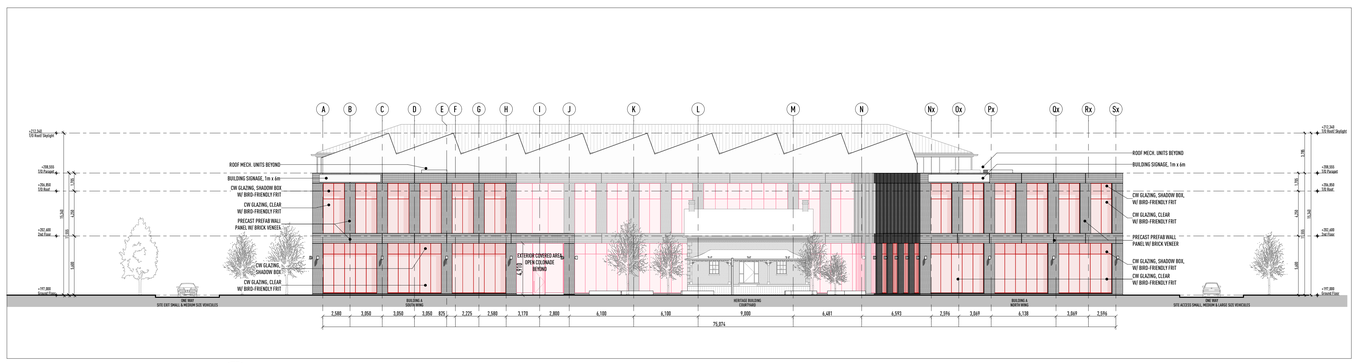
403 A-2.01 SITE | NORTH ELEVATION

SCALE: 1:200



402 A-2.01 SITE | SOUTH ELEVATION

SCALE: 1:200



401 A-2.01 SITE | EAST ELEVATION

SCALE: 1:200

Bird Safe Treatment Exterior Specification Checklist

Applicant to include checklist on Elevation Drawing(s) at first site plan submission. Drawing(s) to be stamped and signed by an OAA member.

Mandatory Primary Treatments for all site and draft plan applications.

At Grade Condition (check to confirm the below is applied)

- [x] Bird safe treatment (s) are applied on minimum 90% of contiguous glass panel area, and within 16m from finished grade or to the height of the adjacent mature tree canopy, whichever is greater.
- [x] Treatments are applied to all glass panel areas that creates fly-through conditions and are adjacent to natural heritage features.
- [x] Treatments are identified and redlined on the elevation drawing(s).

Roof Landscape Conditions (check to confirm the below is applied)

- [x] Development contains no glass panel within 16m from roof level finished grade.
- [x] If glazing is adjacent to green roofs and/or rooftop vegetation, bird safe treatment is applied at a height of 4m from the surface of the green roof or the height of the adjacent mature vegetation, whichever is greater

1 202301 Vaughan Bird Safe Standards Info Package_SP

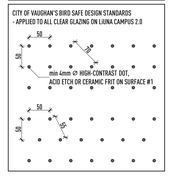
BIRD SAFE TREATMENT EXTERIOR SPECIFICATION

- BIRD SAFE TREATMENT(S) ARE APPLIED ON MINIMUM 90% OF CONTIGUOUS GLASS PANEL AREA, AND WITHIN 16m FROM FINISH GRADE OR TO THE HEIGHT OF THE ADJACENT MATURE TREE CANOPY, WHICHEVER IS GREATER.

- TREATMENTS ARE APPLIED TO ALL GLASS PANEL AREAS THAT CREATE FLY-THROUGH CONDITIONS AND ARE ADJACENT TO NATURAL HERITAGE FEATURES.

- TREATMENTS ARE IDENTIFIED AND REDLINED ON THE ELEVATION DRAWING(S).

CITY OF VAUGHAN'S BIRD SAFE DESIGN STANDARDS
- APPLIED TO ALL CLEAR GLAZING ON LiUNA CAMPUS 2.0



BIRD SAFE DESIGN STANDARDS

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LiUNA Local 183

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#Client Phone Number
#Client E-mail

LiUNA EXPANSION

Overall Elevations

Date of Issue: 2024-04-05
Project No.: 18083
Print Date: 2024-04-05 [3:46 PM]

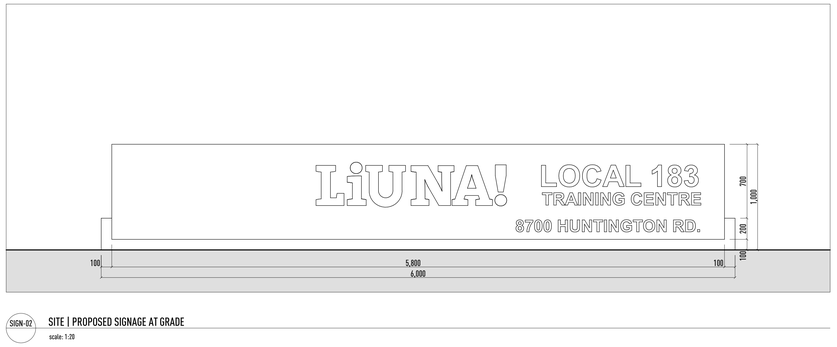
Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LiUNA/LiUNA CAMPUS 19

A-4.01

No.	Issuance	Date
01	Issued for Site Plan Approval # 2	2024-04-05

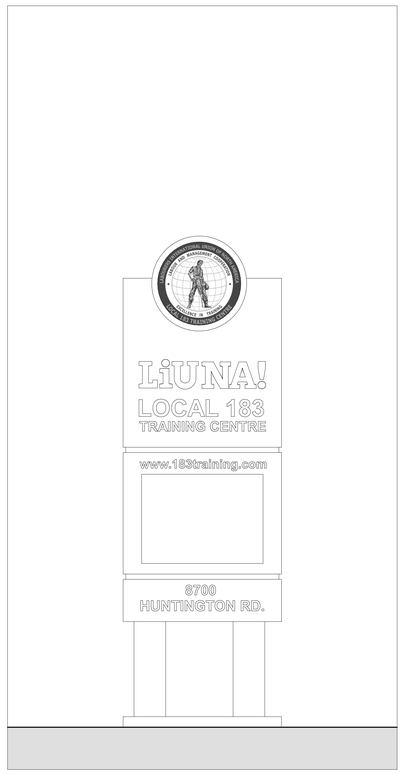
SIGN-03 SITE | PROPOSED BUILDING SIGNAGE AT BUILDING PARAPET

scale: 1:20



SIGN-02 SITE | PROPOSED SIGNAGE AT GRADE

scale: 1:20



SIGN-01 SITE | EXISTING SIGNAGE AT GRADE

scale: 1:20

BIRD SAFE TREATMENT EXTERIOR SPECIFICATION

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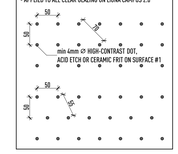
CITY OF VAUGHAN'S BIRD SAFE DESIGN STANDARDS
- APPLIED TO ALL CLEAR GLAZING ON LiUNA CAMPUS 2.0



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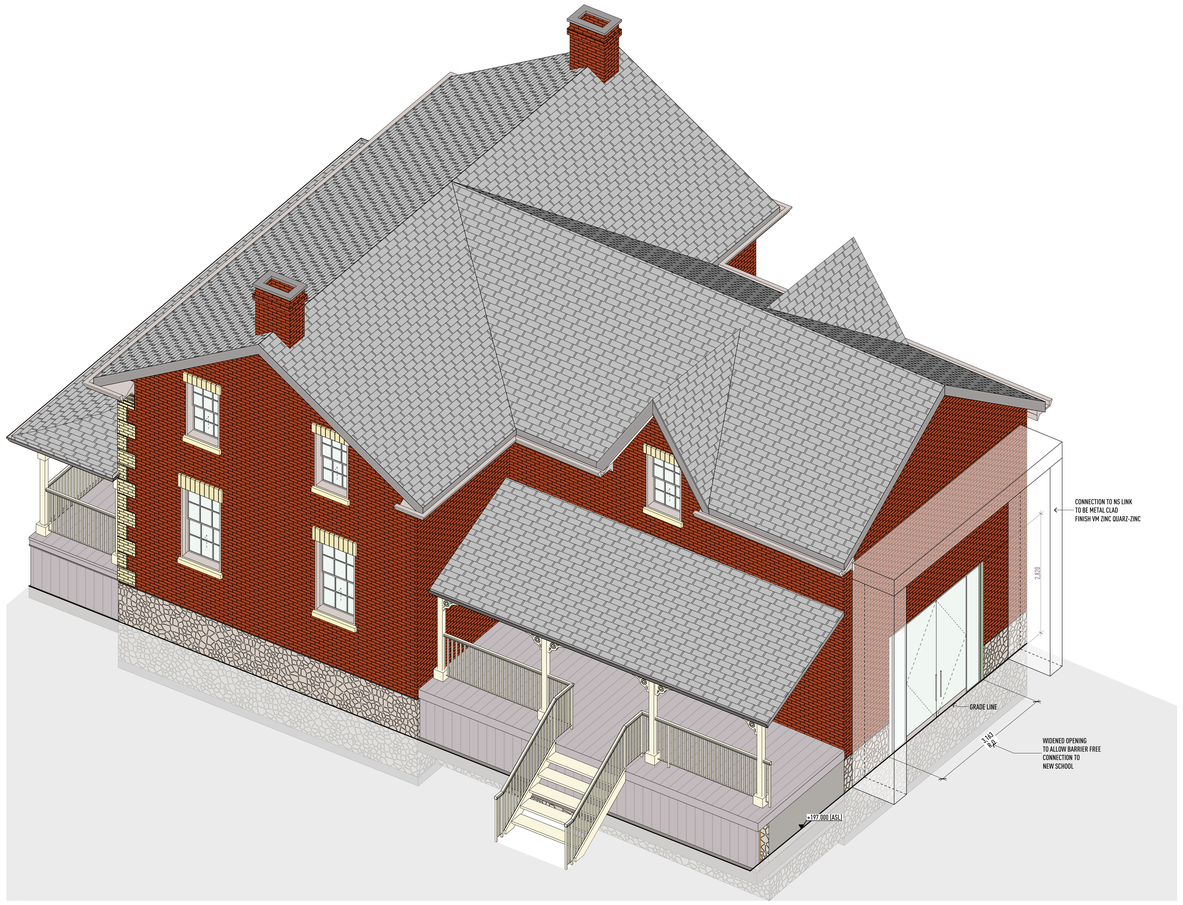
LiUNA EXPANSION

Building Signage

Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:46 PM]

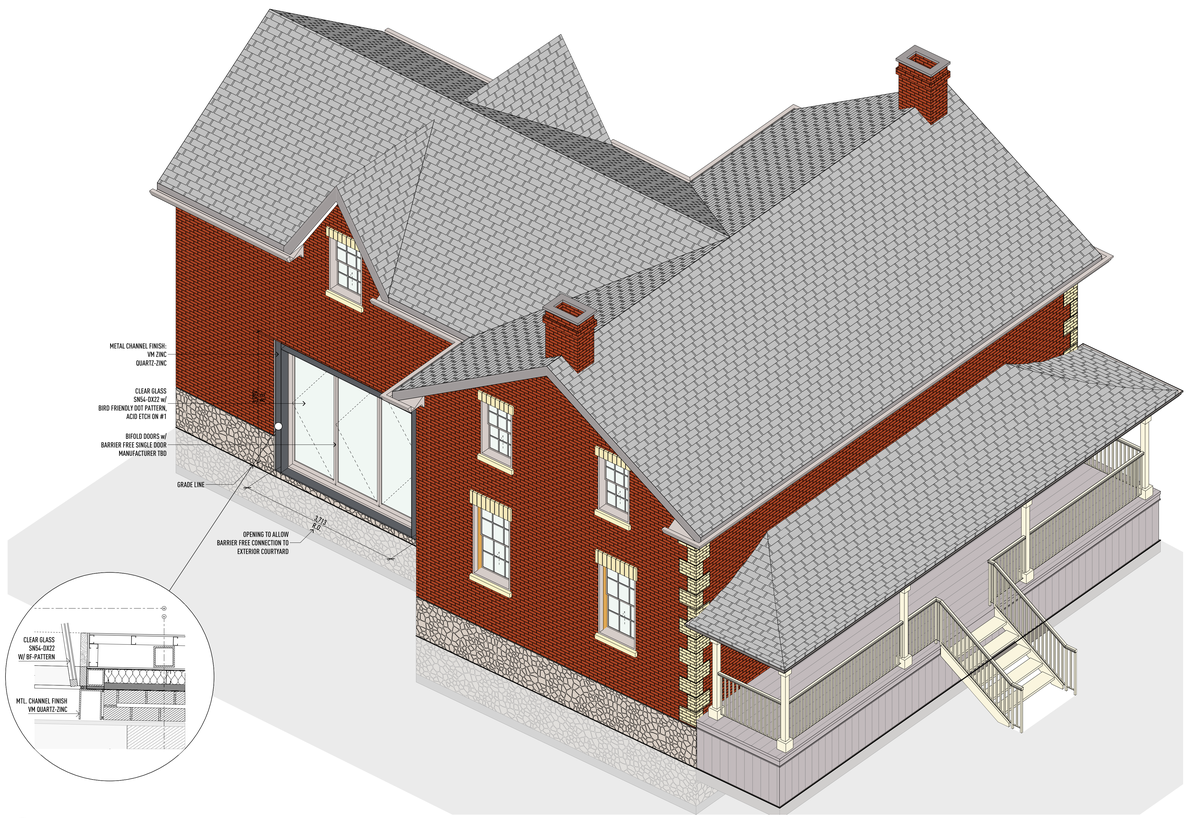
Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 26/21001 LiUNA/LiUNA CAMPUS 26

A-4.02



102 Proposed | 3D View Looking South

scale: 1:50



101 Proposed | 3D View Looking North

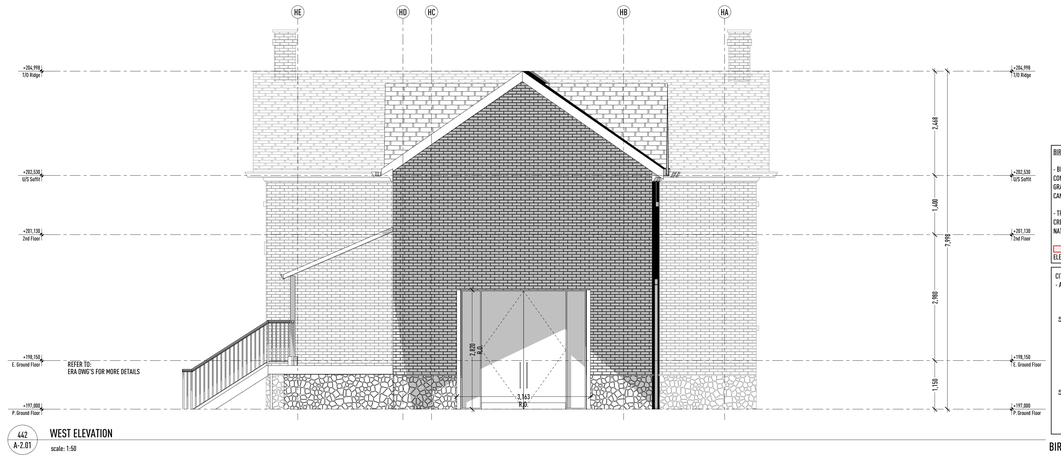
scale: 1:50

444 A-2.01 NORTH ELEVATION

scale: 1:50

443 A-2.01 SOUTH ELEVATION

scale: 1:50



442 A-2.01 WEST ELEVATION

scale: 1:50

441 A-2.01 EAST ELEVATION

scale: 1:50

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2. These Contract Documents are the property of the Architect. The Architect bears no responsibility for the interpretation of these documents by the Contractor. Upon written application, the Architect will provide written/graphic clarification or supplementary information to enable the Contractor to execute the work properly. The Architect will review Shop Drawings submitted by the Contractor for design conformance only.
3. Drawings are not to be scaled for construction. The Contractor is to verify all existing conditions and dimensions required to perform the work and report any discrepancies with the Contract Documents to the Architect before commencing any work.
4. Positions of exposed finished mechanical or electrical devices, fittings, and fixtures are indicated on architectural drawings. The locations shown on the architectural drawings govern over the Mechanical and Electrical drawings. These items not clearly located will be located as directed by the Architect.
5. Only drawings that are dated may be used for construction unless noted below as "Issued for Construction".
6. All work is to be carried out in conformance with the Code and Bylaws of the authorities having jurisdiction.
7. The Architect of these plans and specifications gives no warranty or representation to any party about the constructability of the building(s) represented by them. All contractors or subcontractors must satisfy themselves when bidding and at all times ensure that they can properly construct the work represented by these plans.

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No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

BIRD SAFE TREATMENT EXTERIOR SPECIFICATION

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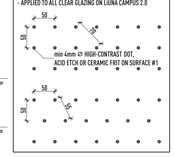
CITY OF VAUGHAN'S BIRD SAFE DESIGN STANDARDS
- APPLIED TO ALL CLEAR GLAZING ON LUNA CAMPUS 2.0



BIRD SAFE DESIGN STANDARDS

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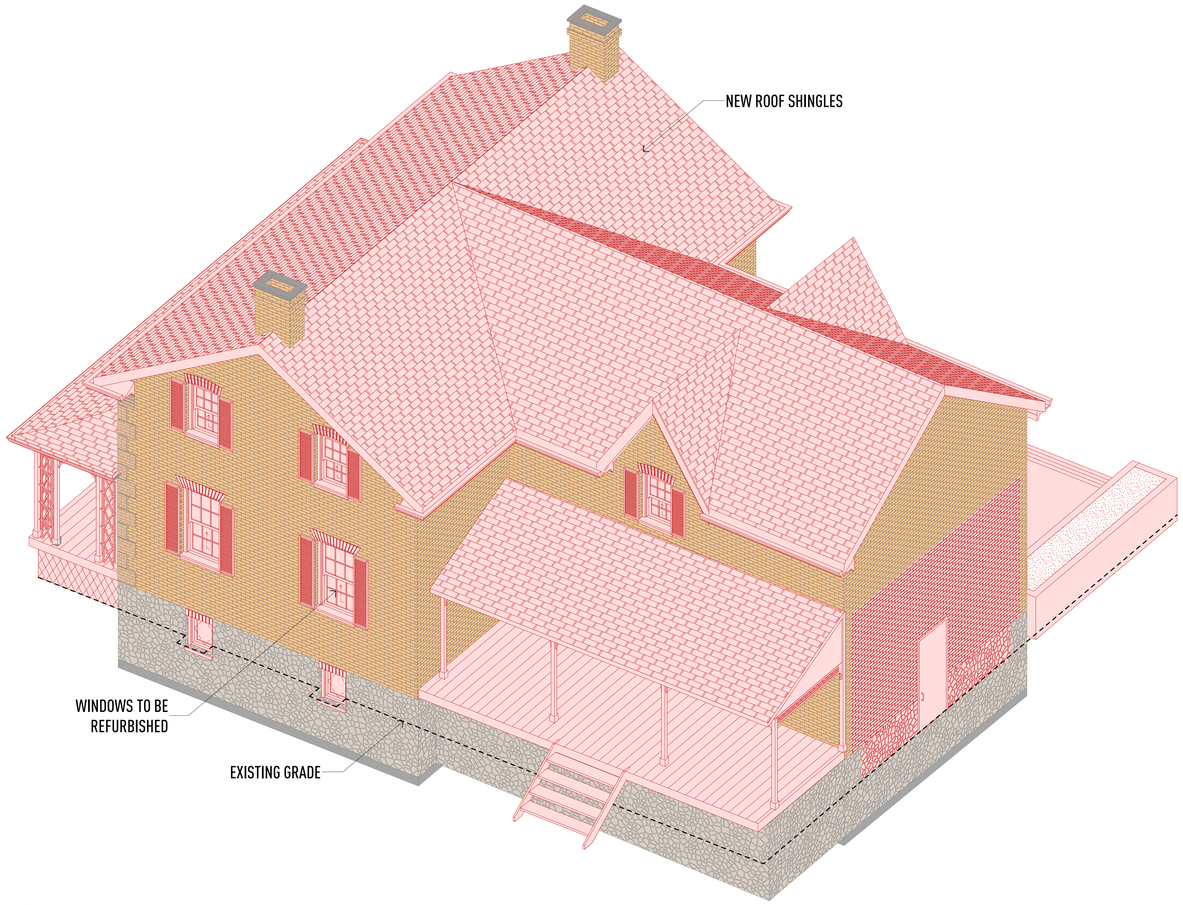
LiUNA EXPANSION

Enlarged Elevations Building 'H' Proposed

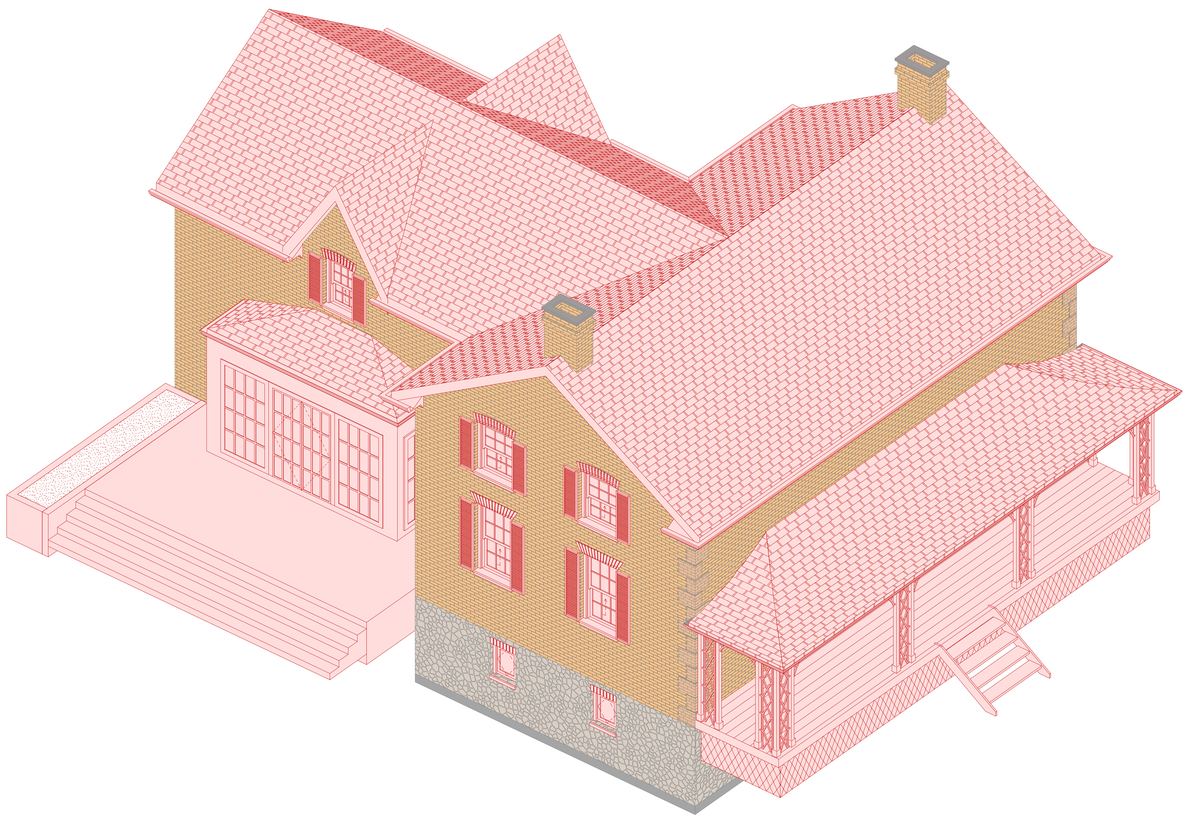
Date of Issue: 2024-04-10
Project No.: 18003
Print Date: 2024-04-10 [11:06 AM]

Document Source: BIMcloud: SPharver - BIMcloud Basic for Archicad 24/7/18/1 LUNA/LUNA CAMPUS 15

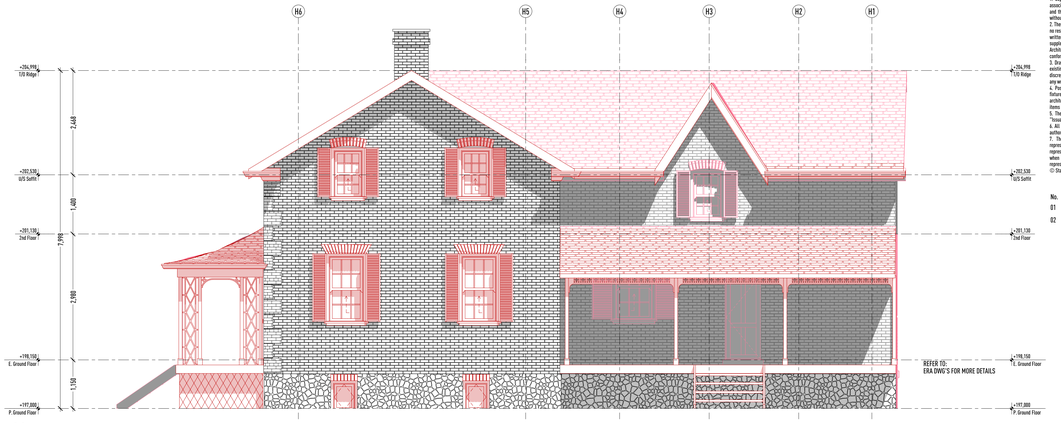
A-4.31



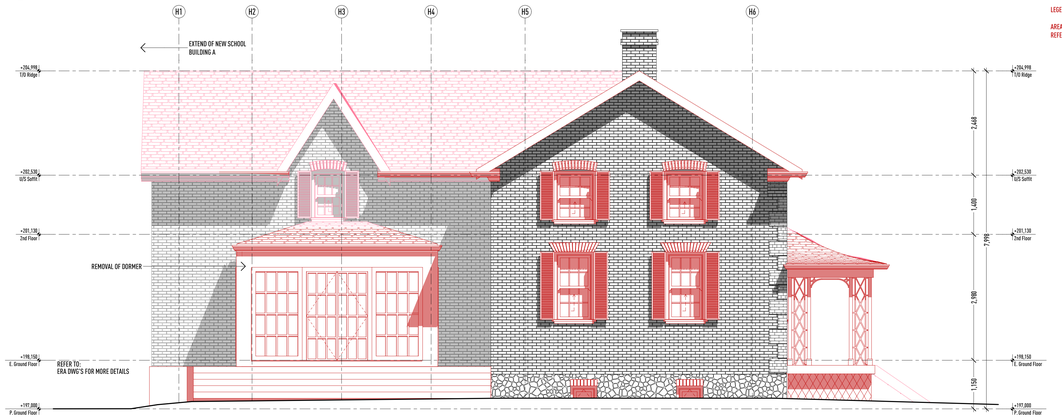
102 Renovation | 3D View Looking South
scale: 1:50



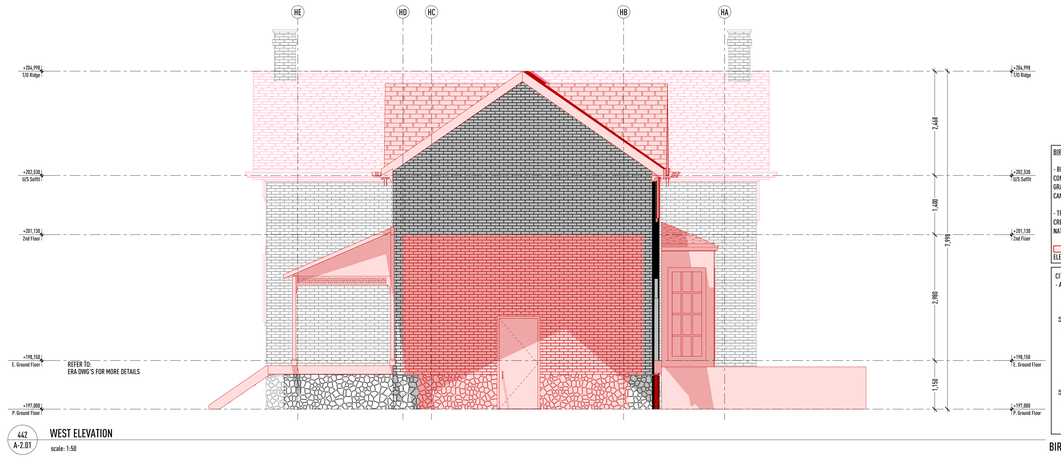
101 Renovation | 3D View Looking North
scale: 1:50



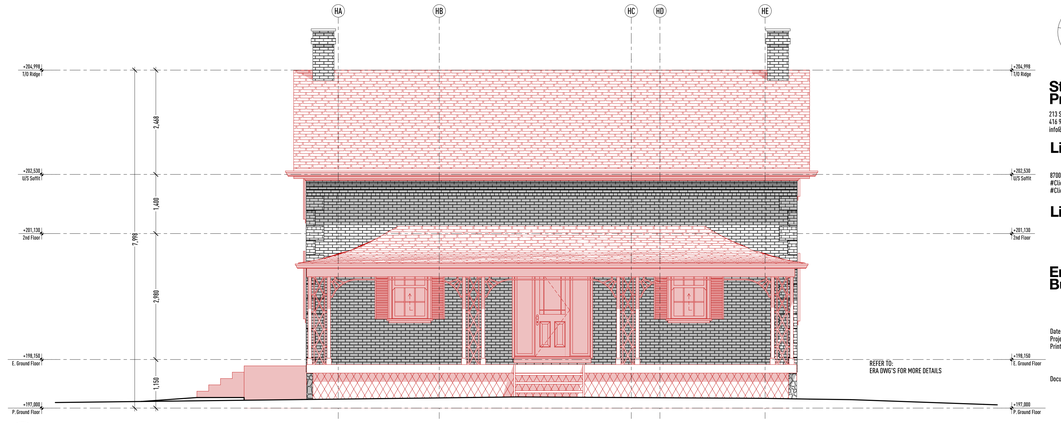
444 A-2.01 NORTH ELEVATION
scale: 1:50



443 A-2.01 SOUTH ELEVATION
scale: 1:50



442 A-2.01 WEST ELEVATION
scale: 1:50



441 A-2.01 EAST ELEVATION
scale: 1:50

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05

LEGEND:

AREAS HIGHLIGHTED IN RED TO BE DEMOLISHED / REFURBISHED, REFER TO ERA'S DWG FOR DETAILS

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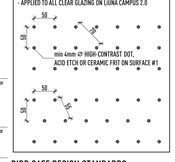
CITY OF VAUGHAN'S BIRD SAFE DESIGN STANDARDS
- APPLIED TO ALL CLEAR GLAZING ON LIUNA CAMPUS 2.0



BIRD SAFE DESIGN STANDARDS

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LiUNA Local 183

8700 Huntington Road Vaughan ON L4K 3N5
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LiUNA EXPANSION

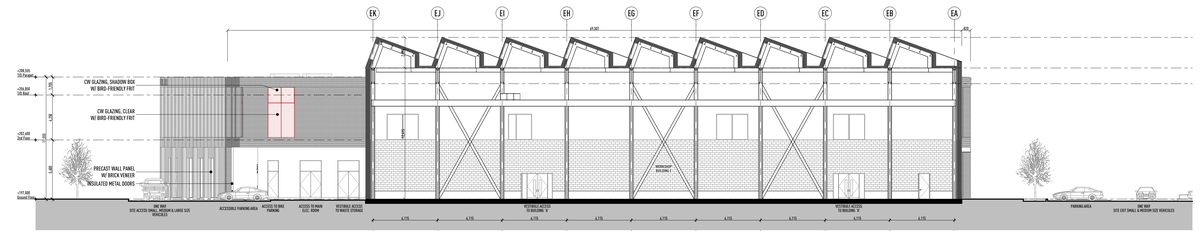
Enlarged Elevations Building 'H' Existing

Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:44 PM]

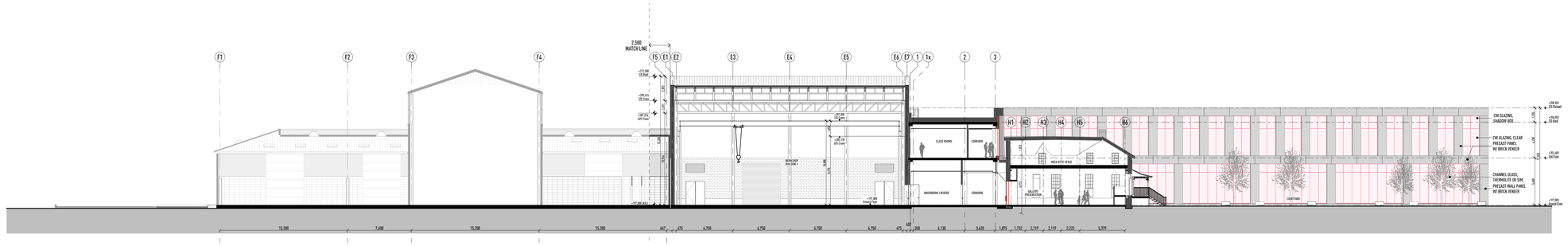
Document Source : BIMcloud: SPharver - BIMcloud Basic for Archicad 24/21001 LiUNA/LiUNA CAMPUS 15

A-4.32

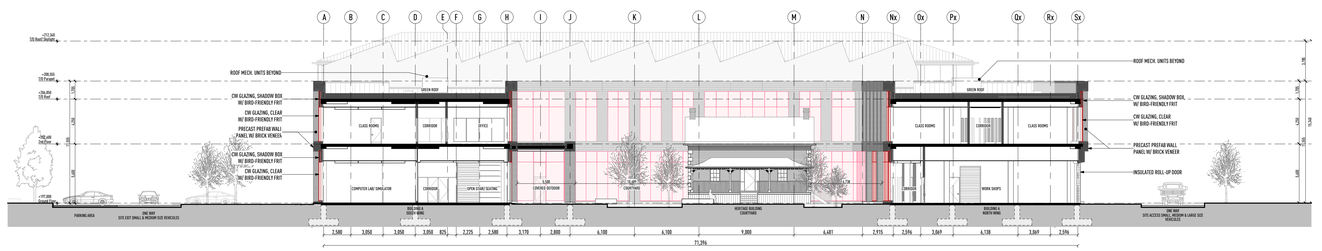
No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
02	Issued for Site Plan Approval # 2	2024-04-05



503 A-2.01 SITE SECTION N-S
SCALE: 1:200



502 A-2.01 SITE SECTION E-W
SCALE: 1:200



501 A-2.01 SITE SECTION N-S
SCALE: 1:200

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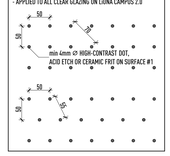
CITY OF VAUGHAN'S BIRD SAFE DESIGN STANDARDS
- APPLIED TO ALL CLEAR GLAZING ON LiUNA CAMPUS 2.0



BIRD SAFE DESIGN STANDARDS

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8700 Huntington Road Vaughan ON L4H 3N5
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LiUNA EXPANSION

Overall Sections

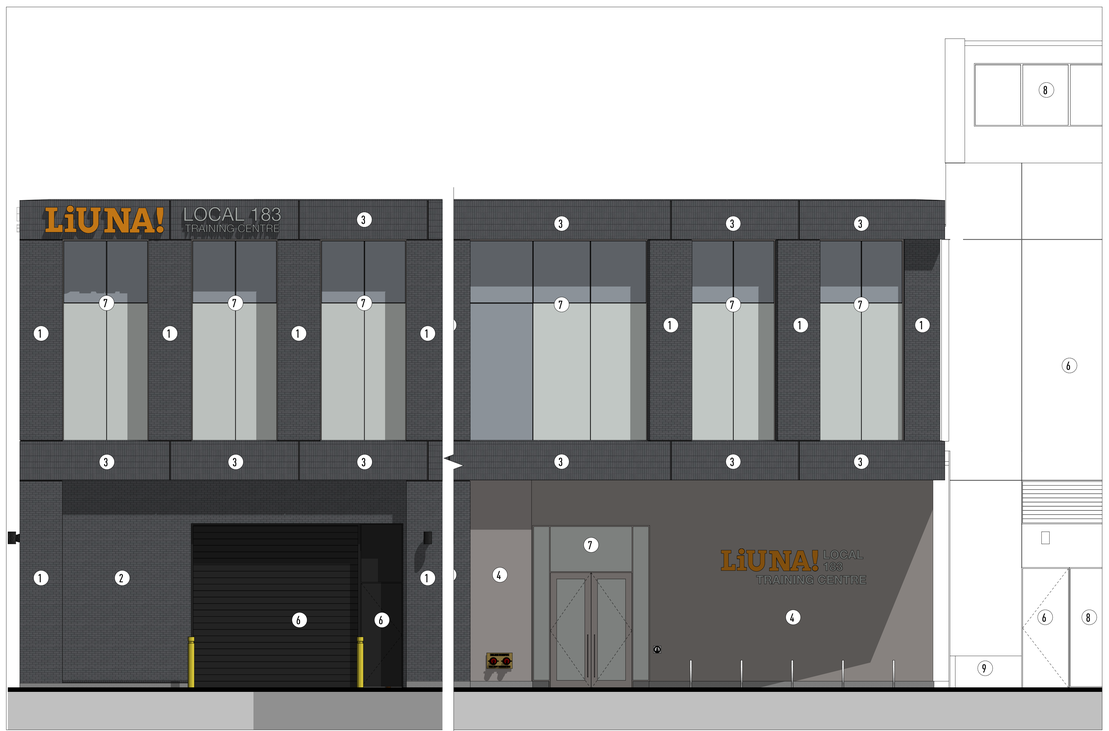
Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:46 PM]

Document Source : BIMcloud: SPserver - BIMcloud Basic for Archicad 24/2018 1 LiUNA/LiUNA CAMPUS 1S

A-5.01

M8 E-01 ENLARGED SOUTH ELEVATION AT ENTRANCE TO BUILDING 'A' & 'E'

scale: 1:50



M8 E-03 ENLARGED NORTH ELEVATION AT WORKSHOP TO BUILDING 'A'

scale: 1:50

M8 E-02 ENLARGED NORTH ELEVATION AT ENTRANCE TO BUILDING 'A'

scale: 1:50

EXTERIOR FINISHES FOR BUILDING 'A' & 'E'

1A 1/3 RUNNING BOND

BUILDING 'A'
ENDICOTT - MANGANESE IRONSPOT, SMOOTH THIN BRICK, 1/2" MODULAR OR NORMAN 1/3 RUNNING BOND

5 ZINC MTL. CLADDING ANTHRA ZINC/ BLACK

BUILDING 'A'

METAL CLADDING FOR SOUTH ENTRANCE CANOPY

VM ZINC - ANTHRA-ZINC/ BLACK PIGMENT

1B RUNNING BOND

BUILDING 'A'
ENDICOTT - MANGANESE IRONSPOT, SMOOTH THIN BRICK, 1/2" MODULAR OR NORMAN 1/2 RUNNING BOND

6 METAL CLADDING - GRAPHITE GRAY

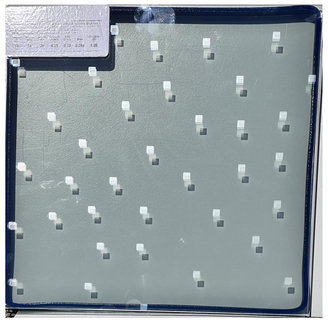
WORKSHOP 'E'

PPG - DURANAR XL - GRAPHITE GRAY - UC115095XL or SIMILAR

WORKSHOP 'E' TO BE METAL CLAD AND OF ONE COLOUR, GRAPHITE GREY. THIS COLOUR IS NEARLY BLACK BUT WITH JUST ENOUGH SPECKLE WITHIN TO ALLOW FOR SOME DEPTH AND REFLECTION PENDING ANGLE OF SUN, SO THE PROPOSED BUILT FORM DOES NOT APPEAR FLAT.

2 WOVEN BOND, ALTERNATING SIZE & THICKNESS

BUILDING 'A'
ENDICOTT - MANGANESE IRONSPOT, SMOOTH THIN BRICK, 1/2" & 1" MODULAR & NORMAN WOVEN BOND



7 CLEAR TEMPERED IGU FOR CURTAIN WALL GLAZING

BUILDINGS 'A', 'E', 'H'

ALL CLEAR GLASS & SHADOW BOX/ SPANDREL TO HAVE BIRD-FRIENDLY ACID ETCH PATTERN ON SURFACE #1.

GUARDIAN GLASS - SN54-DX22 ULTRA CLEAR

3 STACK BOND

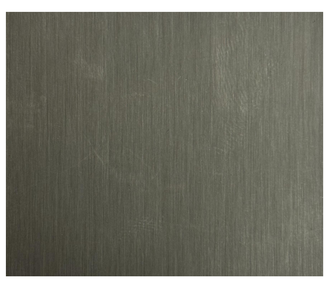
BUILDING 'A'
ENDICOTT - MANGANESE IRONSPOT, SMOOTH THIN BRICK, 1/2" MODULAR OR NORMAN STACK BOND

8 FROSTED GLASS

WORKSHOP 'E'

FROSTED GLASS FOR FIXED GLAZING AT GRADE & SKYLIGHTS

GUARDIAN GLASS - SN54 ULTRA CLEAR W/ ACID ETCH SATIN FINISH



4 ZINC MTL. CLADDING QUARTZ/ OXIDIZED

BUILDINGS 'A', 'H'

METAL CLADDING FOR NORTH & SOUTH ENTRANCES, SOFFIT, LINK TO HERITAGE BUILDING

VM ZINC - QUARTZ-ZINC

9 CONCRETE CURB

WORKSHOP 'E'

CONCRETE CURB AT GRADE FOR ALL EXTERIOR WALL CLADDING, 750MM (H)

No.	Issuance	Date
01	Issued for Site Plan Approval	2023-11-30
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CITY OF VAUGHAN'S BIRD-SAFE DESIGN STANDARDS
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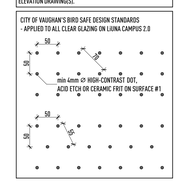

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LiUNA EXPANSION

Material Board of Exterior Samples

Date of Issue: 2024-04-05
Project No.: 18003
Print Date: 2024-04-05 [3:48 PM]

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A-10.01