

Cisco Systems, Inc.

# Cisco Ottawa Campus - MAB



Proposed Site Plan Application - 2000 Innovation Drive **FILE NO: D07-12-25-0168**

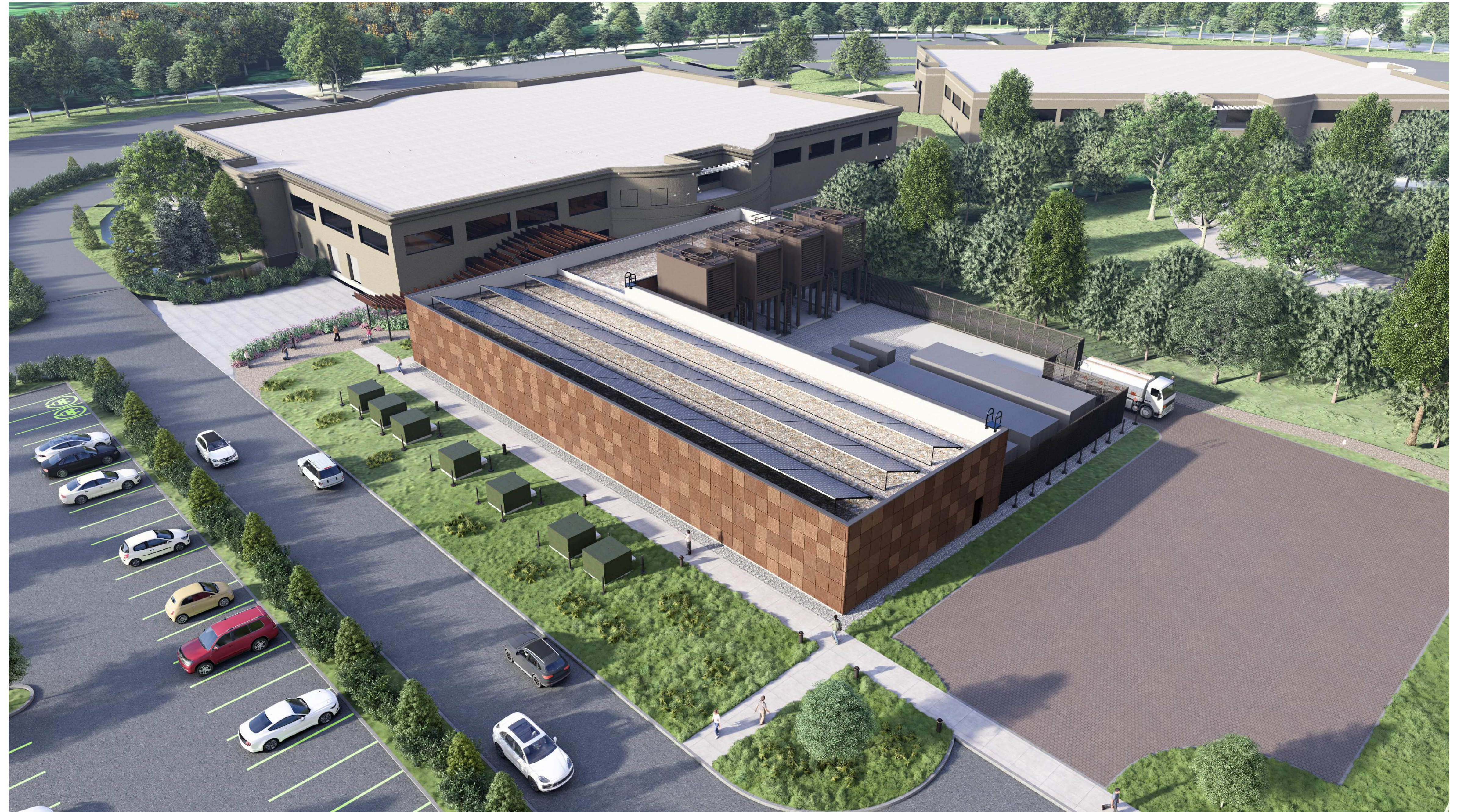
MAB  
2000 Innovation Drive,  
Kanata, ON K2K 3E8 ,Canada

## ISSUED AS RESPONSE TO SPC ROUND 1 COMMENTS

### 2026.05.08

## MECHANICAL AUXILIARY BUILDING (MAB)

NOTES: PRE-CONSULTATION : MEETING FEEDBACK RECEIVED JUNE 4, 2025  
SPC COMMENTS RECEIVED MARCH 30, 2026



CLIENT  
Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, California, 95134

NO.	DESCRIPTION	DATE
1	ISSUED FOR SPC ROUND 1	2025.12.12
2	RESPONSE TO SPC ROUND 1 COMMENTS	2026.05.08

Cisco Ottawa Campus - MAB  
MAB  
2000 Innovation Drive,  
Kanata, ON K2K 3E8

#### PRIME CONSULTANT

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EMAIL - Troy.Whalen@arcadis.com

**DISCIPLINES** - ARCHITECTURAL,  
PLANNING, CIVIL, LANDSCAPE,  
TRANSPORTATION, ENVIRONMENTAL  
(ESA), ECOLOGY.

#### PROJECT MANAGER

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Ottawa, ON, K1R 7Y6  
CONTACT - Dom Seipp  
PHONE - 613-899-5323  
EMAIL - Domino.Seipp@cbre.com

#### GEOLOCATED SURVEY

Annis O'Sullivan Vollebakk Ltd.(AOV)  
14 Concourse Gate #500,  
Nepean, ON, K2E 7S6  
PHONE - 613-727-0850  
CELL - 613-880-7965

Note: AOV Carried By CISCO (Owner/Client)

#### STRUCTURAL/MECHANICAL/ELECTRICAL/ PLUMBING (MEP)/FIRE PROTECTION ENGINEERS

ARUP  
47 Clarence Street, Suite 202,  
Ottawa, ON, K1N 5P9  
CONTACT - Khaled Abou-Alfa  
EMAIL - Khaled.Abou-Alfa@arup.com

#### STRUCTURED CABLING & ACOUSTIC DESIGN

TEECOM  
50 California Street, Suite 1500,  
San Francisco, CA, 94111  
CONTACT - Dave Main  
PHONE - 510-337-2800  
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#### ARCHAEOLOGICAL ASSESSMENTS, PHASES 1 & 2

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Partner & Senior Archaeologist  
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Office Address: 6131 Perth StreetRichmond, Ontario,K0A 2Z0  
Mailing Address: P.O. Box 69,Richmond, Ontario,K0A 2Z0

#### BUILDING CODE/LIFE SAFETY

Senez Consulting Ltd.  
93 Skyway Avenue, Suite 102,  
Toronto, ON, M9W 6N6  
CONTACT - Gordana Tjanic  
PHONE - 647-499-6565  
EMAIL - Gordana@senezco.com

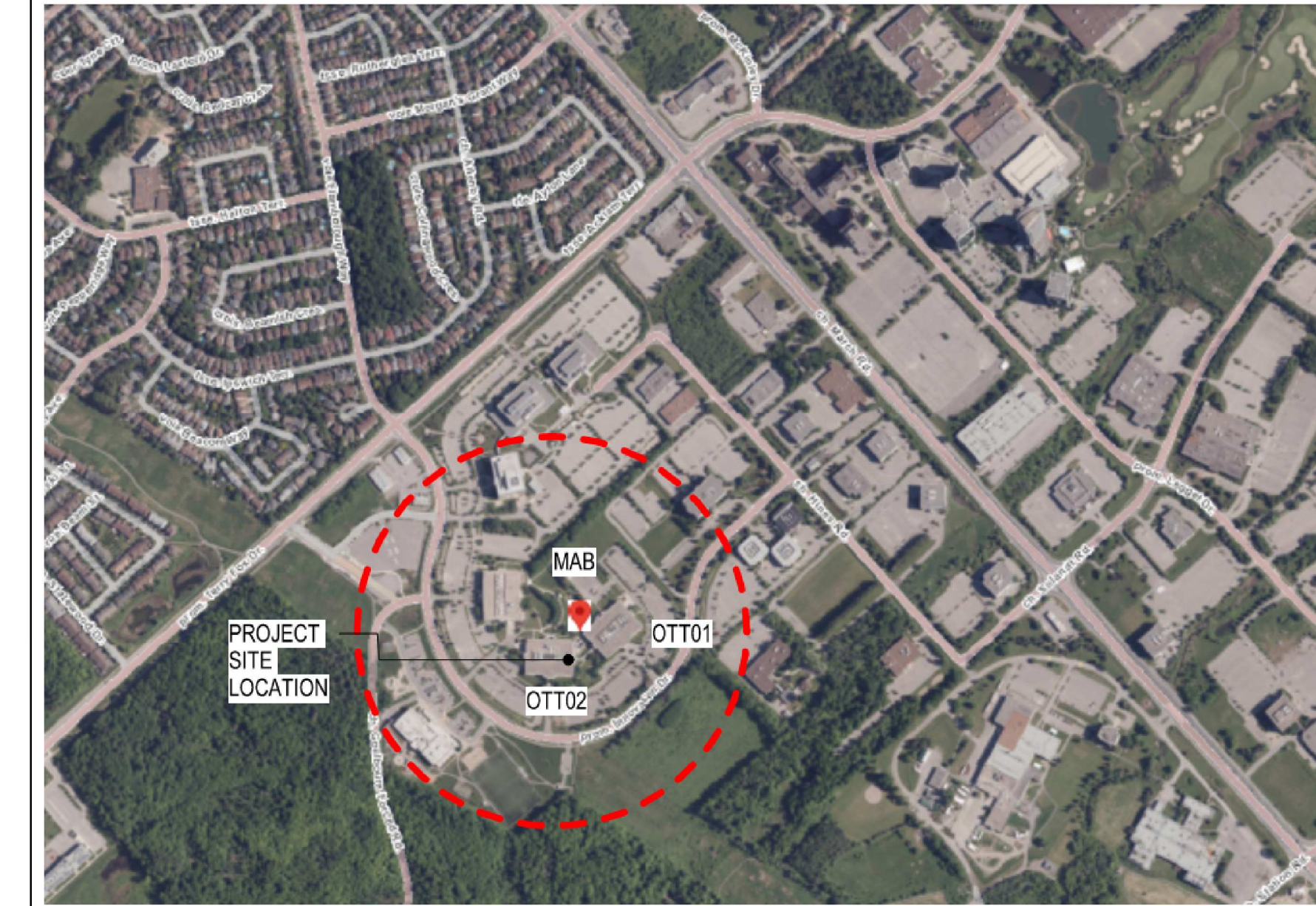
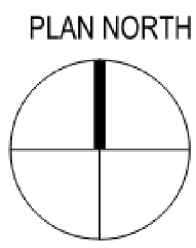
#### DOOR FRAMES & HARDWARE

Total Opening Consultants Ltd.  
895 Don Mills Rd. Suite 900,  
Toronto, ON M3C 1W3  
CONTACT - Jean-Louis Bramwell  
PHONE - 647-288-8063  
EMAIL - Jean-Louis.Bramwell@totalopeningconsultants.com

#### MASW + GEOTECHNICAL REPORT

WSP Canada Inc.  
1931 Robertson Road Buildings A and B  
Ottawa, ON K2H 5B7 Canada  
(613) 592-9600  
Chris Hendry, P.Eng  
Senior Geotechnical Engineer  
E-mail:arthur.kuitchoupetke@wsp.com  
Note: WSP carried by Cisco (Owner/Client)

LEGEND:  
OTT01: OTTAWA 01 BLDG  
OTT02: OTTAWA 02 BLDG  
MAB: MECHANICAL AUXILIARY BLDG (PROVIDING POWER +  
COOLING TO COMPUTING LABS W/IN OTT01 BLDG)



#### ARCHITECTURE SHEET INDEX

NO.	SHEET NAME	ISSUED FOR SPC ROUND 1 RESPONSE TO SPC ROUND 1 COMMENTS
AM-000	MAB - COVER SHEET	●
AM-102	SITE PLAN EXISTING CONDITIONS	●
AM-103	PROPOSED SITE PLAN	●
AM-104	PROPOSED SITE PLAN & GROUND LEVEL-ENLARGED	●
AM-105	SITE PLAN DEMO AND NEW	●
AM-201	ARCHITECTURAL CONCEPT	●
AM-202	BUILDING ELEVATIONS & SECTIONS	●
Grand total: 7		

Project Credits:  
Christopher Fickert, Zandra Tolliver,  
Mazan Totorji, Troy Whalen, Yazan Bilbesi.

**NOT FOR CONSTRUCTION**

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6131 Perth Street Richmond,  
ON, K0A 2Z0

#### SEAL

#### PRIME CONSULTANT



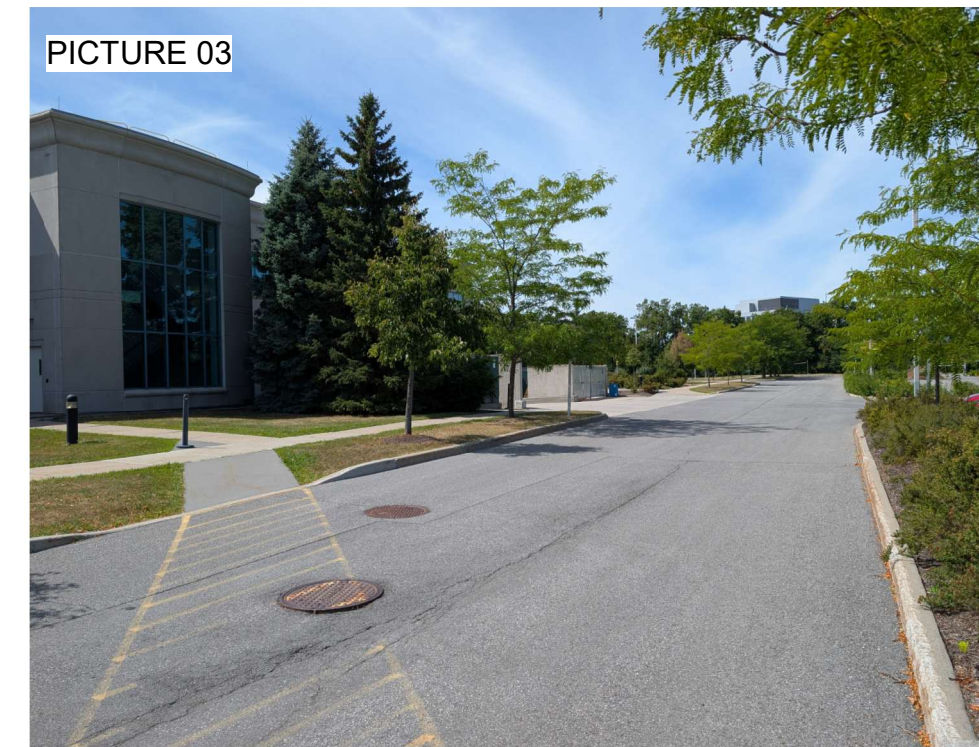
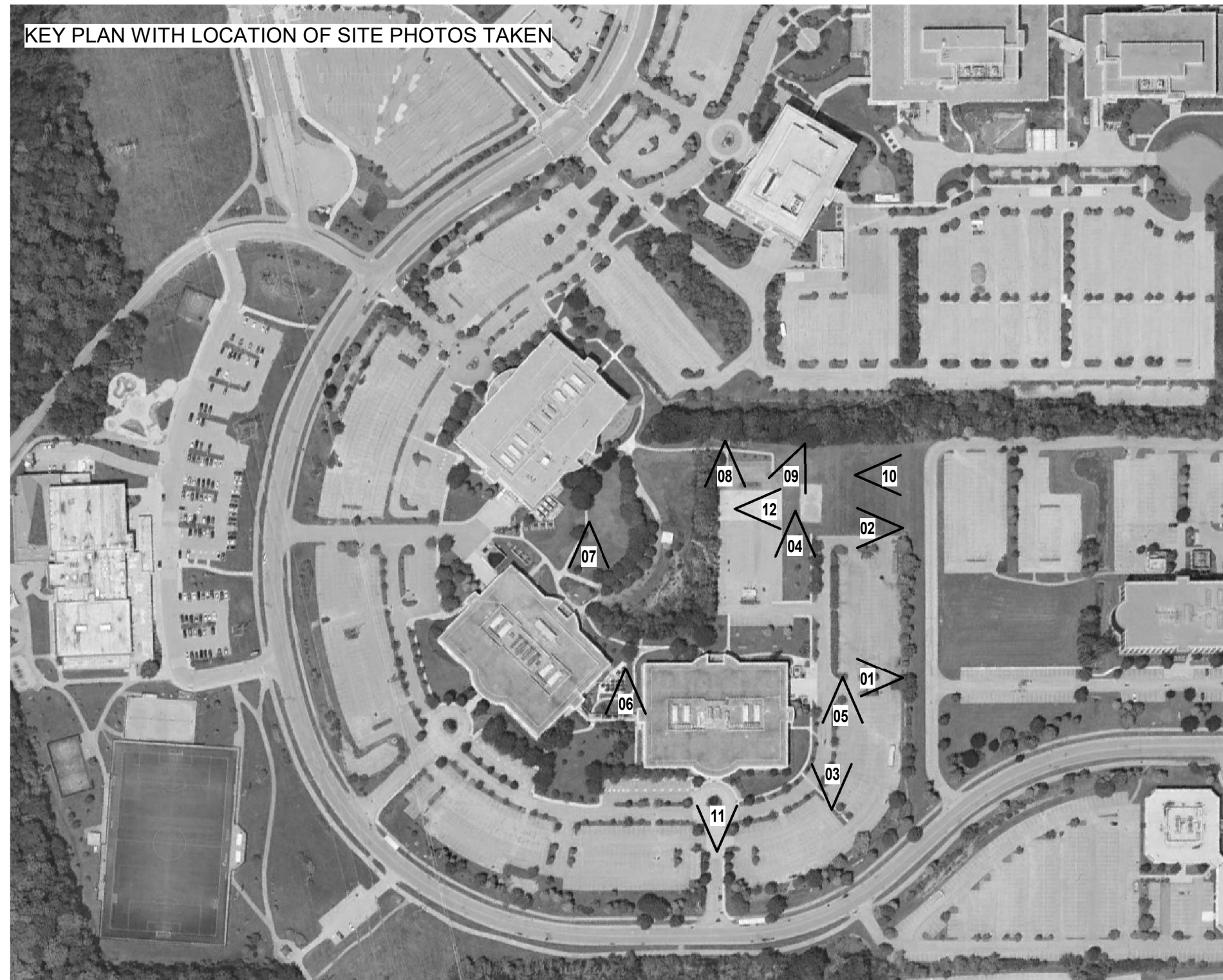
333 Preston Street - Suite 500  
Ottawa ON K1S 5N4 Canada  
Tel 613 225 1311  
www.arcadis.com

PROJECT NO: MAB:30298433	APPLICATION NO: PC2025-0127
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SHEET NUMBER AM-000	ISSUE 2
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File No: D07-12-25-0168

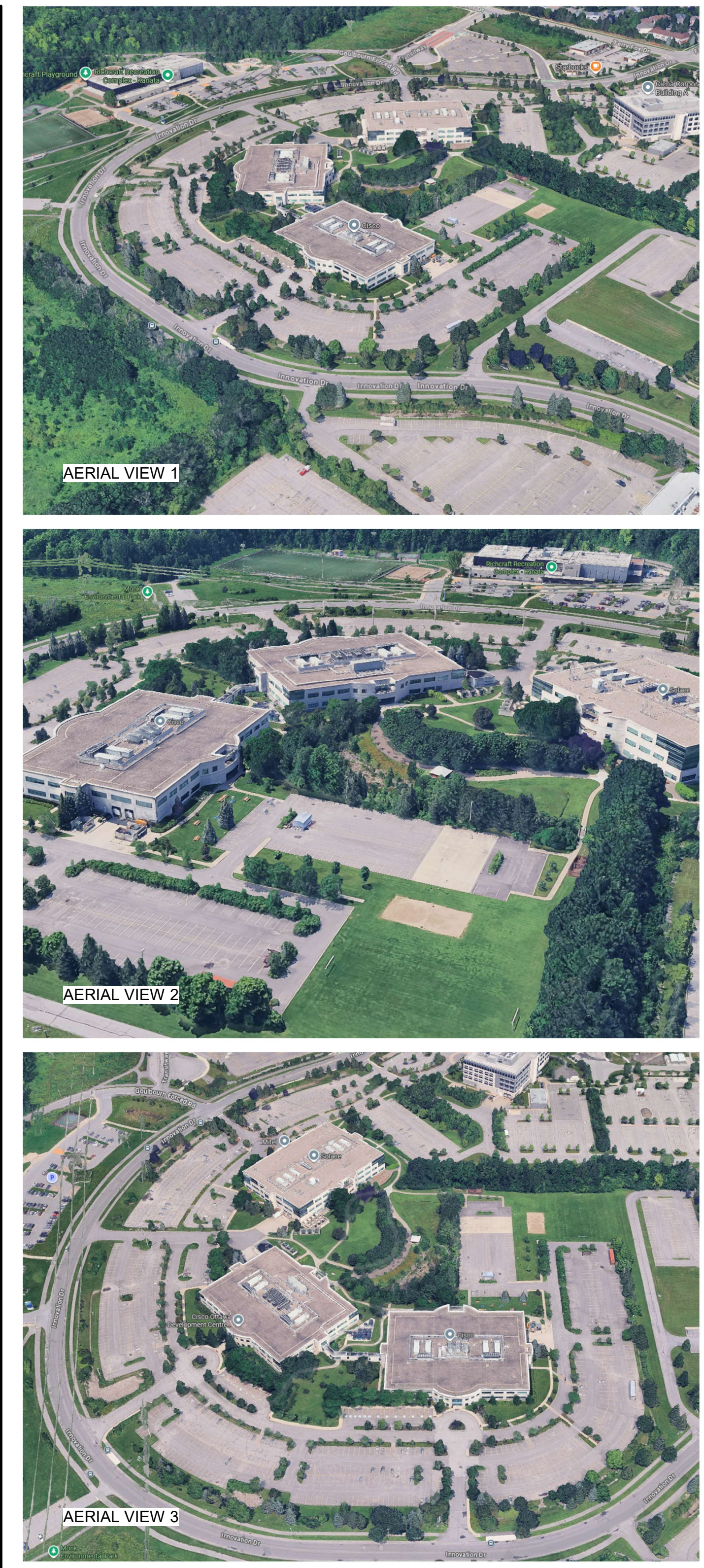
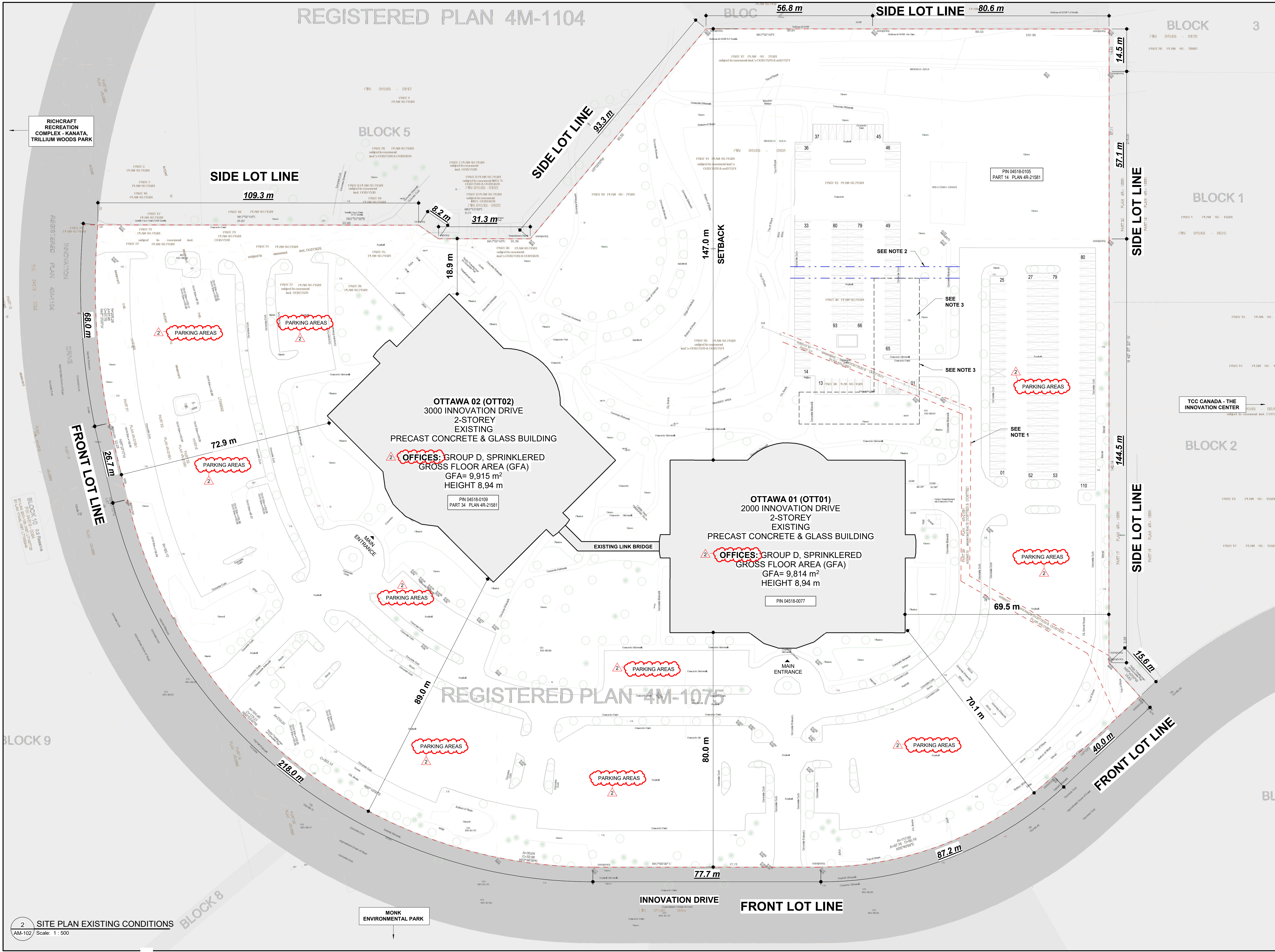
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 Arcadis Architects (Canada) Inc.

**ISSUES**

No.	DESCRIPTION	DATE
1	ISSUED FOR SPC ROUND 1	2025.12.12
2	RESPONSE TO SPC ROUND 1 COMMENTS	2026.05.08



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**CONSULTANTS**

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**SEAL OF ARCHITECTS**  
 Matthew J. Belen  
 License 7701

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 tel 613 225 1311  
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**PROJECT**  
 Cisco Ottawa Campus - MAB  
 MAB

**APPLICATION NO.:** PC2025-0127

**PROJECT NO.:** MAB-30298433

**DRAWN BY:** YB  
**CHECKED BY:** YB

**PROJECT MGR.:** YB  
**APPROVED BY:** TW

**SHEET TITLE**  
 SITE PLAN EXISTING CONDITIONS

**SHEET NUMBER**  
 AM-102

**ISSUE**  
 2

**NOTE 1:**  
 PRIVATE EASEMENT - SEWER LINE RELOCATION & TITLE UPDATE  
 BACKGROUND  
 THE SUBJECT PROPERTY CONTAINS A PRIVATE EASEMENT BETWEEN TWO PARTIES, ONE OF WHOM IS THE OWNER OF THE PROPERTY. THIS EASEMENT CURRENTLY ACCOMMODATES A SEWER LINE THAT IS PROPOSED TO BE RE-ROUTED AS PART OF UPCOMING SITE DEVELOPMENT WORK. AS THE SEWER LINE ALIGNMENT WILL CHANGE, THE EXISTING EASEMENT WILL NEED TO BE LIFTED AND REINSTATED ON TITLE TO REFLECT THE NEW LOCATION. THIS PROCESS REQUIRES A NEW AGREEMENT TO BE EXECUTED BETWEEN THE TWO PARTIES, INCORPORATING THE UPDATED EASEMENT DETAILS.  
 PER THE CITY'S REQUEST, IT IS UNDERSTOOD THAT THIS IS A PRIVATE EASEMENT, NOT ONE HELD BY THE CITY OF OTTAWA. HOWEVER, AS PART OF THE CITY'S CONDITIONS OF APPROVAL, WRITTEN CONFIRMATION FROM BOTH PARTIES TO THE EASEMENT IS REQUIRED TO SUPPORT THE PROPOSED LIFTING AND REINSTATEMENT. CONFIRMATION WILL BE PROVIDED FOR SPC #2.

**NOTE 2:**  
 PROPOSED RELOCATED EASEMENT - SEE CIVIL DRAWINGS. TWO OPTIONS PRESENTED TO CITY STAFF IN OCT. 2025. RECOMMENDED OPTION PRESENTED FOR SPC #1.

**NOTE 3:**  
 PROPOSED MAB OUTLINE.

**Scale 1:500**  
 0 10 25 50 m

**Scale 1:500**  
 0 10 25 50 m

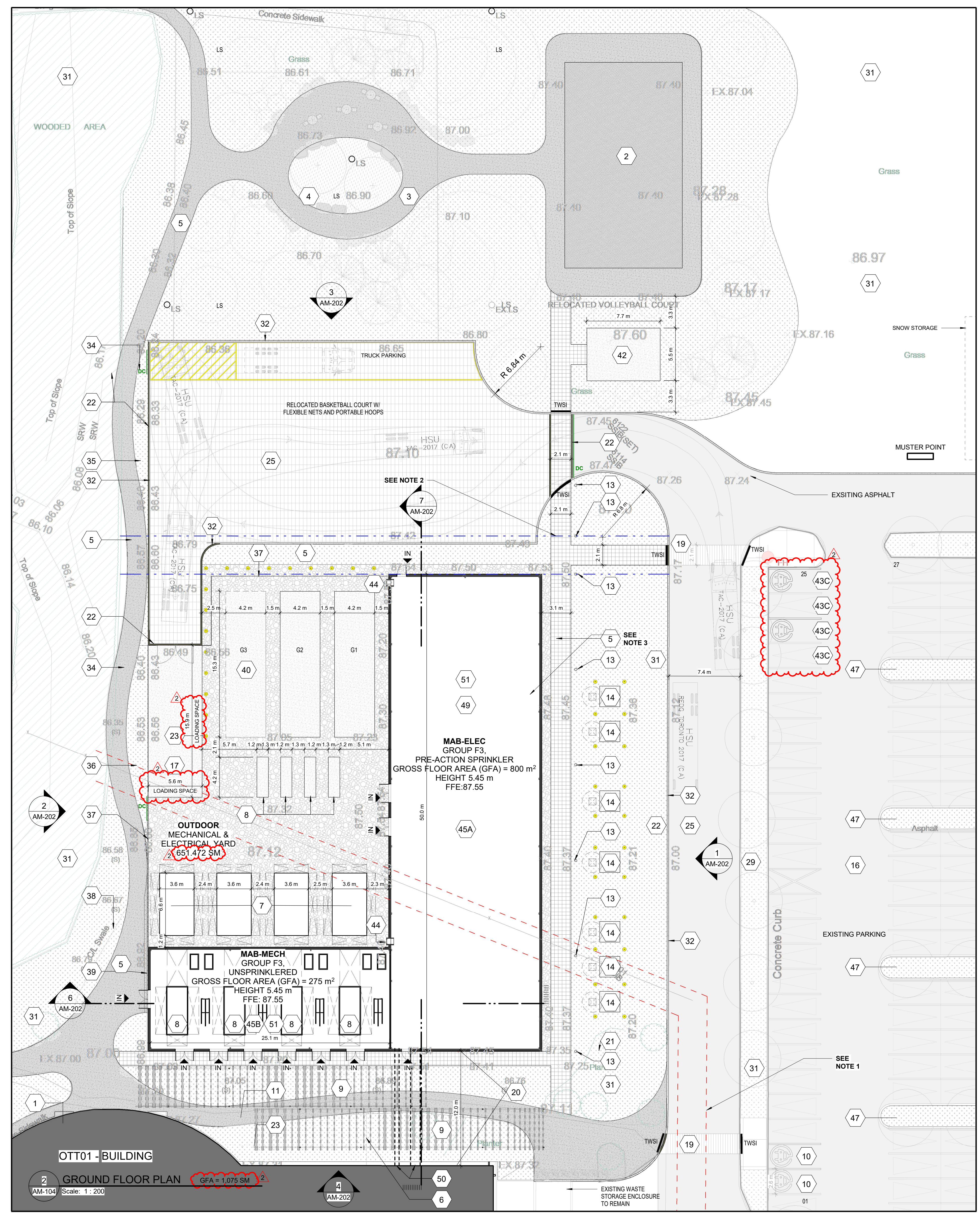
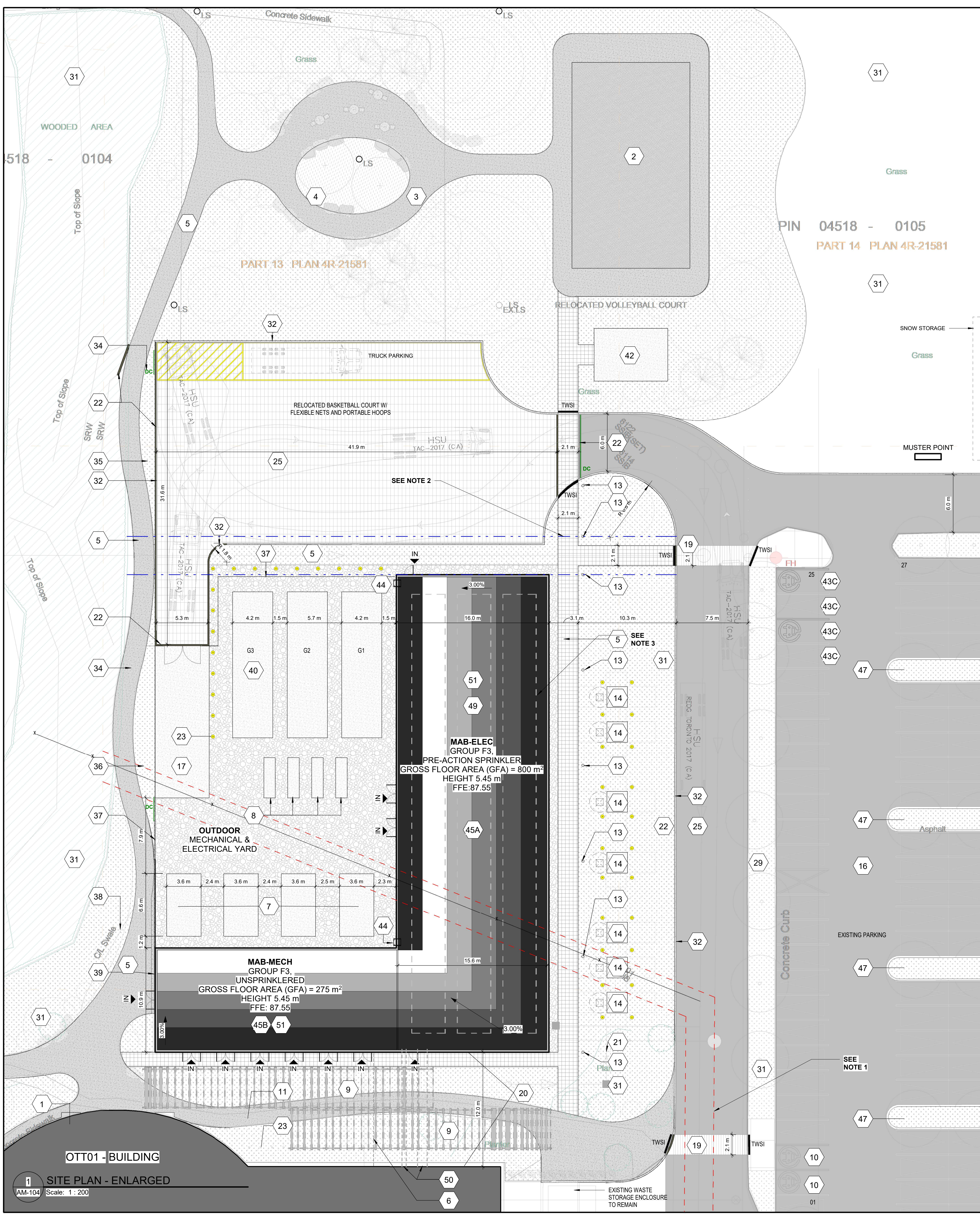
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2 SITE PLAN EXISTING CONDITIONS  
 AM-102/ Scale: 1:500

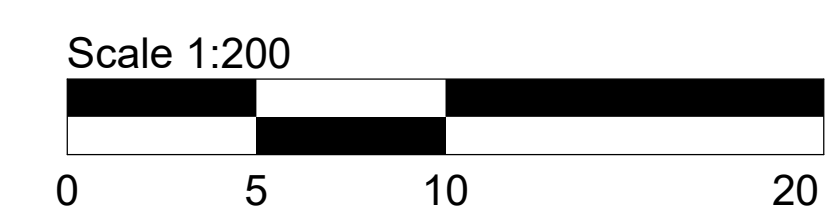
Rev No: 001-13-25-0165





SITE LEGEND:	
	PROPERTY LINE
	ZONING SETBACKS
	FIRE ACCESS ROUTE (FAR)
	PROPOSED SITE PLAN SCOPE OF WORK
	PRIVATE EASEMENT TO BE RELOCATED
	PROPOSED EASEMENT
	EXISTING FIRE HYDRANT
	FENCE
	BOLLARDS
	BIKE RACKS
	EXIT OR ENTRANCE
	EXTERIOR LIGHT BOLLARD
	WALL MOUNTED DOWN LIGHT - DARK SKY COMPLIANT
	EXISTING TREE TO REMAIN
	EXISTING TREE TO BE REMOVED
	EXISTING CONIFEROUS TREE
	PROPOSED DECIDUOUS TREE
	PROPOSED CONIFEROUS TREE
	PROPOSED SPECIMEN SHRUB
	TABLE AND CHAIRS
	PROPOSED LIGHT STANDARD
	EXISTING LIGHT STANDARD
	ARMOURSTONE BOULDERS
	NATIVE SEED MIX
	PERENNIAL PLANTING
	EXISTING SOD TO REMAIN
	BOUND AGGREGATE PAVING
	C.I.P CONCRETE PAVING
	GRAVEL
	LOOSE SAND
	TACTILE WALKING SURFACE INDICATOR (TWSI)
	DMC / MC / DC - DEPRESSED / MOUNTABLE CURB / BARRIER CURB - PARKING AREAS AND ENTRANCES SHALL HAVE BARRIER CURBS
	SANITARY MANHOLE
	STORM SEWER
	WATERMAIN
	STREET CATCHBASIN - TOP GRATE
	DOUBLE CATCHBASIN - TOP GRATE
	DITCH INLET MANHOLE
	REAR YARD "TEE" CATCHBASIN
	REAR YARD "END" CATCHBASIN
	REAR YARD "THREE WAY" CATCHBASIN
	PERFORATED REAR YARD SUBDRAIN
	CSP CULVERT C/W DIAMETER VALVE AND VALVE BOX
	VALVE AND VALVE CHAMBER
	PARK VALVE CHAMBER C/W SERVICE POST
	FIRE HYDRANT C/W BOTTOM WIRE MAIN REDUCER
	VERTICAL BEND LOCATION
	SIAMESE CONNECTION
	METER (IF REQUIRED)
	WATER MAIN IDENTIFICATION (IF REQUIRED)
	PIPE CROSS IDENTIFICATION (IF REQUIRED)
	SINGLE SERVICE LOCATION
	SINGLE SERVICE LOCATION (REQUIRES SLEEVE)
	INFERRED REFUSAL (SEE GEOTECHNICAL)
	100 YEAR STORM HYDRAULIC GRADE LINE
	UNDERSIDE OF FOOTING ELEVATION
	CLAY SEAL IN SEWER / WATERMAIN TRENCH

KEYNOTES	
No.	Note Content
1	EXISTING BICYCLE STORAGE RACKS TO BE RELOCATED
2	RELOCATED VOLLEYBALL COURT
3	POTENTIAL FUTURE GENERATOR
4	EXISTING CAR PARKING ASPHALT AREA CONVERTED TO LANDSCAPE (100 SM)
5	NEW PEDESTRIAN WALKWAY, 2.1M WIDE PER ADA
6	7.6M WATERMAIN BLDG DIV. TO BE COORDINATED BELOW GRADE, IF ITS SHALLOW DUE TO SITE CONSTRAINTS, HEAT TRACED C/W INSULATION IS NEEDED TO MAB MECHANICAL ROOM
7	FOUR COOLING TOWERS - SEE BENCH
8	PUMPS
9	1A SELEX TRILUCID CANOPY BETWEEN THE EXISTING BUILDINGS AND THE NEW MAB BUILDING TO CONCEAL OVERHEAD SERVICES FROM MAB BLDG. TO OTT01
10	NEW LOCATION OF EXISTING EV CHARGING STATION
11	EXISTING PEDESTRIAN WALKWAY TO REMAIN
12	FOUR DIESEL GENERATORS
13	LANDSCAPE LIGHTING, DARK SKY COMPLIANT
14	SEVEN HYDRO OHTA/TA TRANSFORMERS, OPEN ACCESS REQUIRED FOR HYDRO EQUIPMENT
15	NEW ASPHALT ROAD PARKING
16	EXISTING PARKING TO REMAIN
17	NEW CONCRETE FINISH, 0.3M HIGH
18	EXISTING LOOKING AREA
19	CROSSWALK
20	LIMITING DISTANCE BETWEEN THE MAB AND EXISTING OTT01 BUILDING IS 10m TO PREVENT OTT01'S OTT01 FACADE FIRE RATING
21	4" SAN LEAVING, 2 METERS BELOW GRADE, REFERENCE CIVIL
22	DEPRESSED CURB, DC
23	NEW BOLLARDS (TYP)
24	EXISTING TREES TO BE REMOVED
25	EXISTING ROAD TO REMAIN
26	DEMOLISH CURB
27	DEMOLISH SIDE WALK
28	FOUR FUEL TANKS
29	EXISTING TREES TO REMAIN, SEE LANDSCAPE
30	EXISTING ASPHALT AND PARKING TO REMAIN
31	EXISTING SOFT LANDSCAPING TO REMAIN
32	PROPOSED CURB PER SCL 1
33	DEMOLISH EXISTING PARKING SPACES
34	FULLY DEPRESSED CURB PER CITY SCL 1
35	REGRADE EXISTING PATHWAY ENSURING POSITIVE DRAINAGE FROM CURB OUT TO EX. STORMWATER STORAGE AREA
36	REPLACE EXISTING CURB
37	NEW METAL FENCE
38	PROVIDE SWALE ENSURING POSITIVE DRAINAGE TOWARDS CURB DEPRESSION
39	RAISED CONCRETE PADS, ENSURE POSITIVE DRAINAGE AWAY FROM BASE PAD
40	RELOCATED BICYCLE RACK HERE, 20 TOTAL
41	RELOCATED BICYCLE RACK HERE, 20 TOTAL
42	RELOCATED BICYCLE RACK HERE, 20 TOTAL
43	EXISTING EV CHARGING STATIONS TO BE RELOCATED
44	EXISTING EV CHARGING STATIONS TO BE RELOCATED
45	EXISTING EV CHARGING STATIONS TO BE RELOCATED
46	EXISTING EV CHARGING STATIONS TO BE RELOCATED
47	NEW LANDSCAPED ISLAND
48	PHOTOVOLTAIC (PV) PANELS
49	EXPOSED CONCRETE FROM MAB TO OTT01 TO BE CONCEALED ABOVE NEW CANOPY
50	COLOURED ROOF GRAVEL (BLACK TO WHITE)
51	COLOURED ROOF GRAVEL (BLACK TO WHITE)



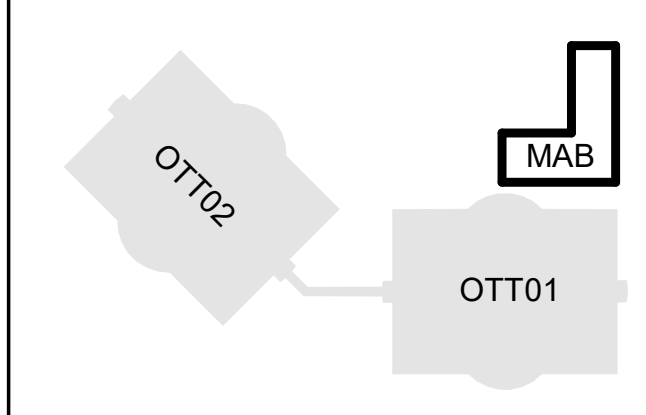
(Left) This view shows a landscaped outdoor area with a mix of open green spaces, mature trees and pedestrian pathways. In the background, the MAB with bronze-toned perforated panels and rooftop mechanical units contrasts with the natural setting. The foreground includes a sandy sports court with volleyball net, white curved walkways and planted areas create a welcoming recreational environment.

(Top) The image depicts the MAB's flat roof and patterned facade, characterized by clean geometric lines and a pergola-style entrance, set against a snowy backdrop.



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Arcadis Architects (Canada) Inc.



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**ONTARIO ASSOCIATION OF ARCHITECTS**  
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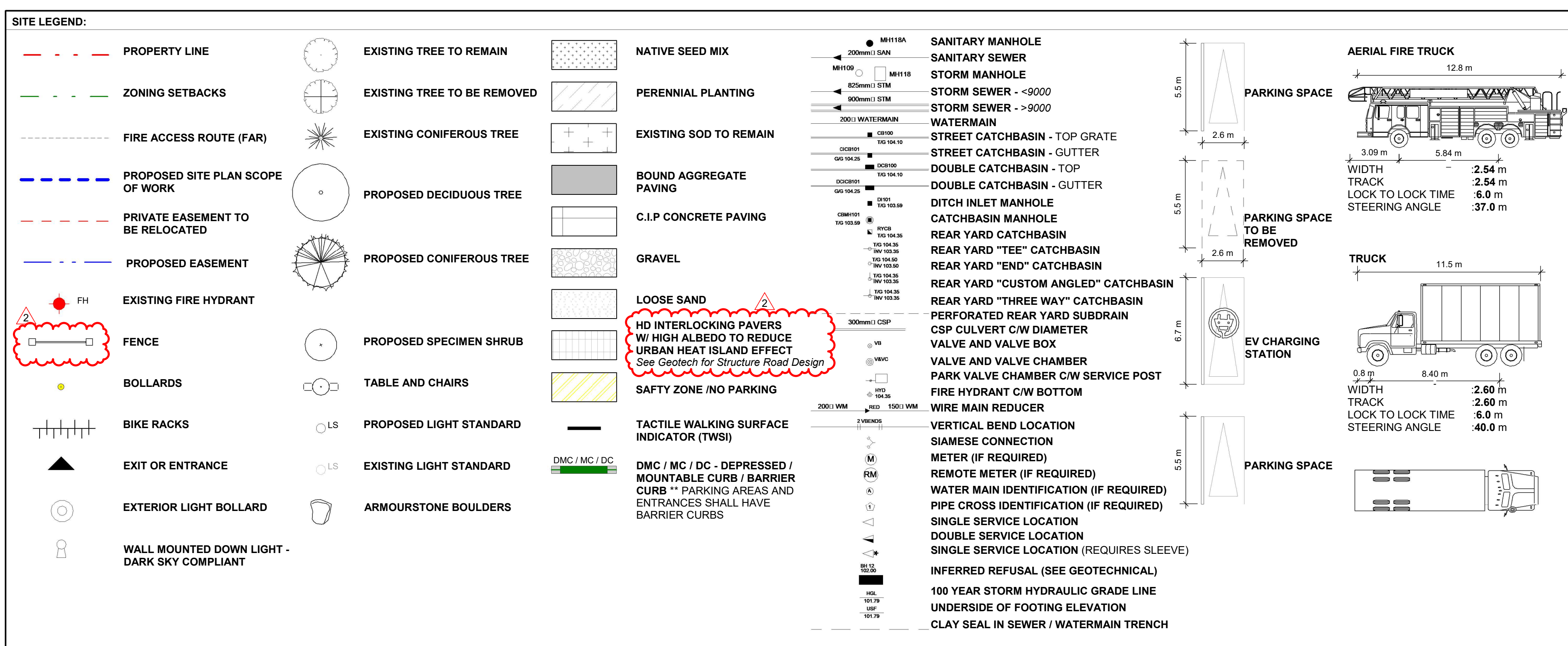
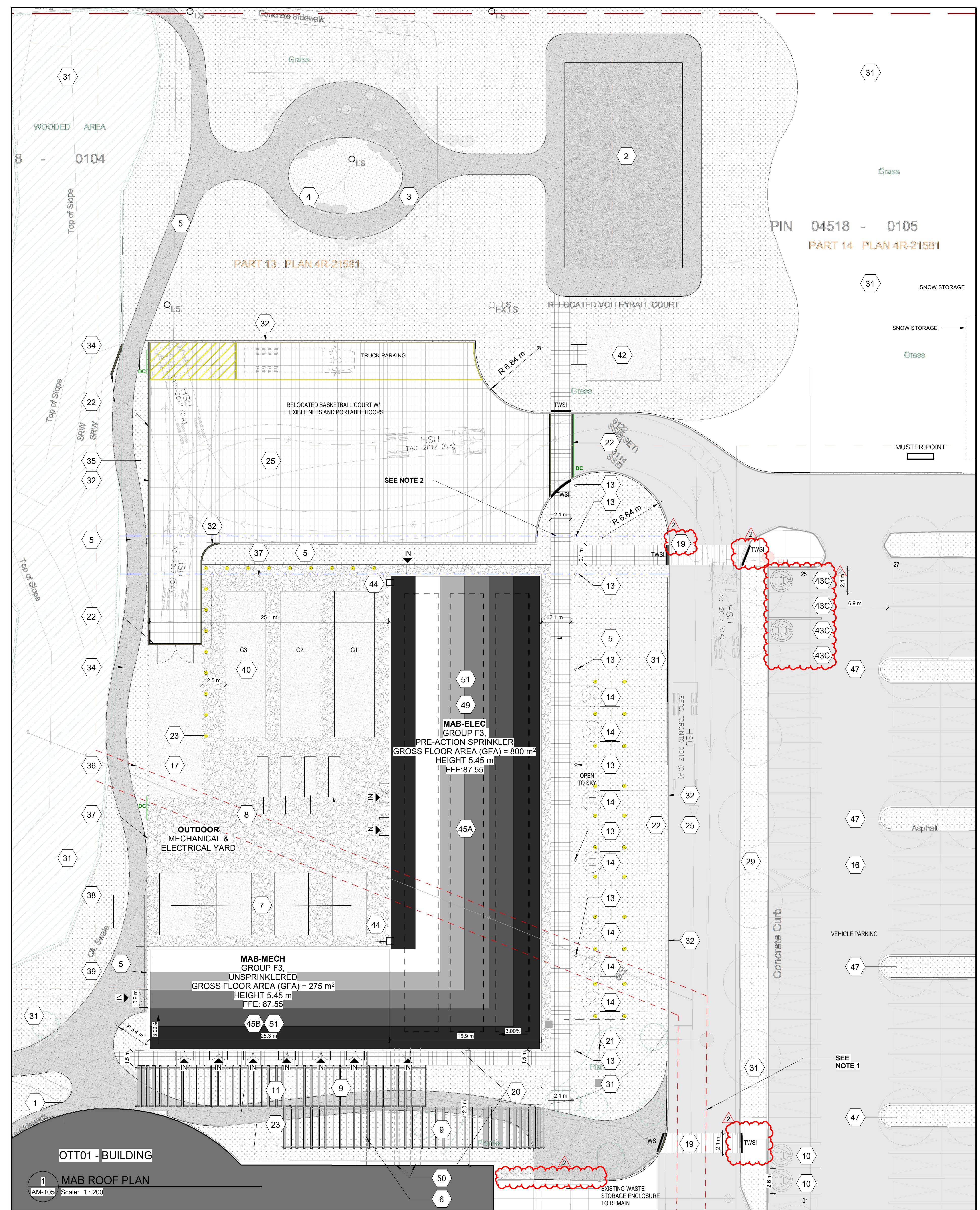
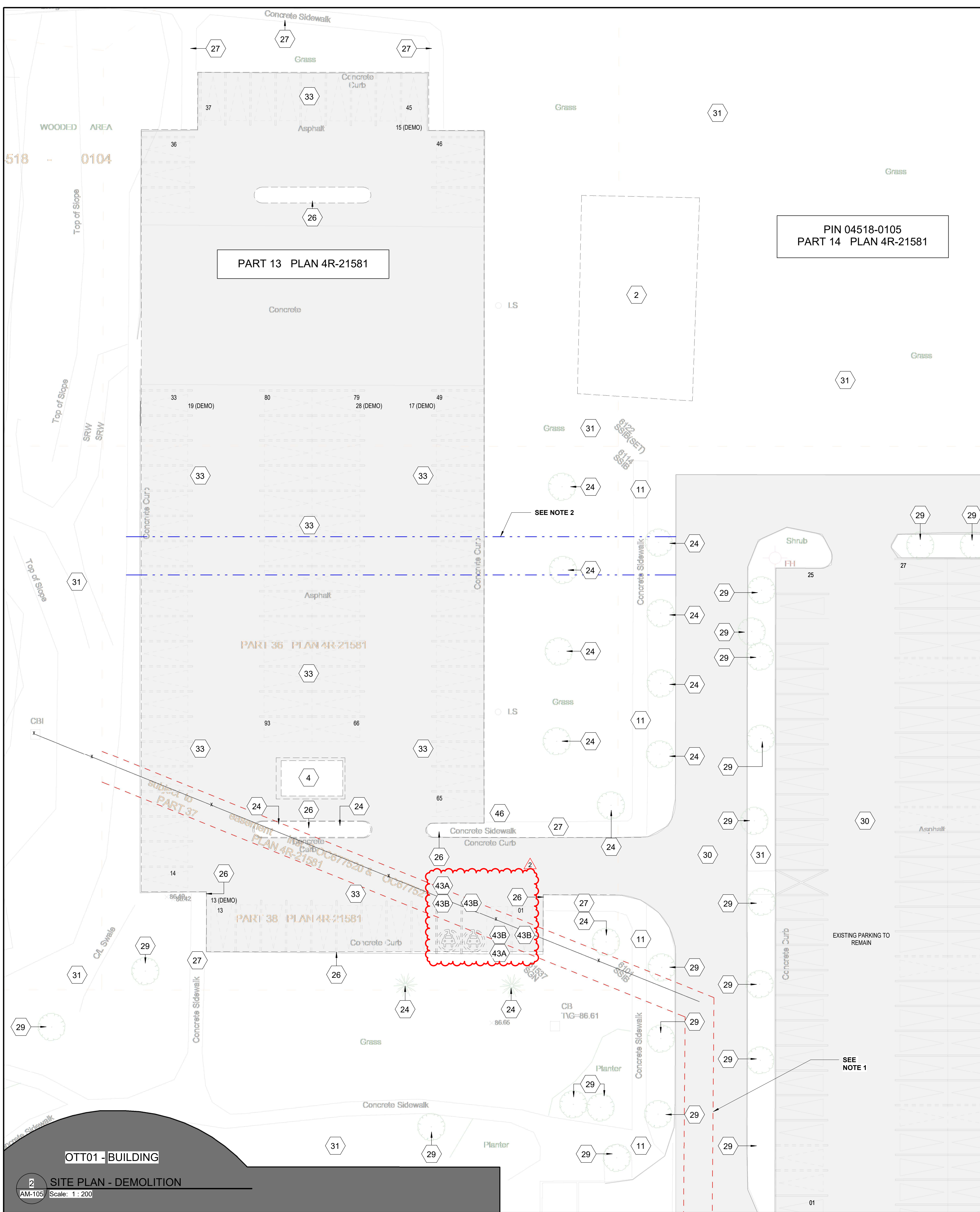
**PROJECT**  
Cisco Ottawa Campus - MAB  
MAB  
2000 Innovation Drive,  
Kanata, ON K2K 3E8

**PROJECT NO.:** MAB-30298433  
**APPLICATION NO.:** PC2025-0127

**DRAWN BY:** YB  
**CHECKED BY:** YB  
**PROJECT MGR.:** TW  
**APPROVED BY:** TW

**SHEET TITLE:** PROPOSED SITE PLAN & GROUND LEVEL-ENLARGED

**SHEET NUMBER:** AM-104  
**ISSUE:** 2



No.	Note Content	No.	Note Content
1	EXISTING BICYCLE STORAGE RACKS TO BE RELOCATED	39	RAISED CONCRETE PADS. ENSURE POSITIVE DRAINAGE AWAY FROM BASE PAD
2	RELOCATED VOLLEYBALL COURT	40	POTENTIAL FUTURE GENERATOR
3	EXISTING CAR PARKING ASPHALT AREA CONVERTED TO LANDSCAPE (100 SQM)	41	RELOCATED BICYCLE RACK HERE 20 TOTAL
4	EXISTING SHED TO BE RELOCATED ON SITE	42	RELOCATED EXISTING EV CHARGING STATION
5	NEW PEDESTRIAN WALKWAY 2.1M WIDE PER ADA	43	EXISTING EV PARKING SPOTS TO BE RELOCATED. EACH CHARGING STATION CAN HAVE 2 EVS
6	7M MM WATERMAIN BLDG TRV. TO BE COORDINATED BELOW GRADE. IF ITS SHALLOW DUE TO SITE CONSTRAINTS, HEAT TRACED C/W INSULATION IS NEEDED TO MAB MECHANICAL ROOM	44	RELOCATE CHARGING STATION EV SPOTS
7	FOUR COOLING TOWERS - SEE BENCH	45	MAB - ELECTRICAL ENCLOSURE
8	PUMPS	46	MAB - MECHANICAL ENCLOSURE
9	NEW ASPHALT POND/PARKING	47	RELOCATE EXISTING EVACUATION SIGNAGE TO NEW MUSTER POINT LOCATION
10	NEW LOCATION OF EXISTING EV CHARGING STATION	48	NEW LANDSCAPED ISLAND
11	EXISTING PEDESTRIAN WALKWAY TO REMAIN	49	PHOTOVOLTAIC (PV) PANEL
12	FOUR DIESEL GENERATORS	50	EXPOSED CONDUIT FROM MAB TO OTT01 TO BE CONCEALED ABOVE NEW CANOPY
13	LANDSCAPE LIGHTING, DARK SKY COMPLIANT	51	COLOURED ROOF GRAVEL (BLACK TO WHITE)
14	SEVEN HYDRO OHTA/BA TRANSFORMERS, OPEN ACCESS REQUIRED FOR HYDRO EQUIPMENT		
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23	NEW BOLLARDS (TYP)		
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25	EXISTING ROAD TO REMAIN		
26	DEMOLISH CURB		
27	DEMOLISH SIDE WALK		
28	FOUR FUEL TANKS		
29	EXISTING TREES TO REMAIN, SEE LANDSCAPE		
30	EXISTING ASPHALT AND PARKING TO REMAIN		
31	EXISTING SOFT LANDSCAPING TO REMAIN		
32	PROPOSED CURB PER SCL 1		
33	DEMOLISH EXISTING PARKING SPACES		
34	FULLY DEPRESSED CURB PER CITY SCL 1		
35	RE-GRADE EXISTING PATHWAY ENSURING POSITIVE DRAINAGE FROM CURB OUT TO EX. STORMWATER STORAGE AREA		
36	REPLACE EXISTING CURB		
37	NEW METAL FENCE		
38	PROVIDE SWALE ENSURING POSITIVE DRAINAGE TOWARDS CURB DEPRESSION		

	EXISTING	REMAINING
CAR COUNT	COUNT INDICATES 20 SMALL SPACES, 24 BF SPACES AND 757 PARKING SPACES PRESENT ON SITE	757-101+656
BICYCLE COUNT	20 - EXISTING TO REMAIN	NA

Scale 1:200



(Left) The view highlights a garden pathway framed by tall trees and natural stone accents, creating a tranquil setting. Dense greenery fills the foreground, while the bronze-toned building with perforated panels and rooftop equipment forms a striking backdrop. A service vehicle is visible near the building, adding functional context to the scene.

(Right) A canopy connecting Ott01 and the MAB, landscaped with gravel path and snow, under a grey sky with gentle snowfall.

**CISCO**

**ARCADIS ARCHITECTS (CANADA) INC.**

**NOT FOR CONSTRUCTION**

**ARUP**

**TEECOM**

**SENEZ CO**

**TOTAL OPENING CONSULTANTS**

**CBRE**

**Matrix**

**ONTARIO ASSOCIATION OF ARCHITECTS**

**PRIME CONSULTANT**

**ARCADIS**

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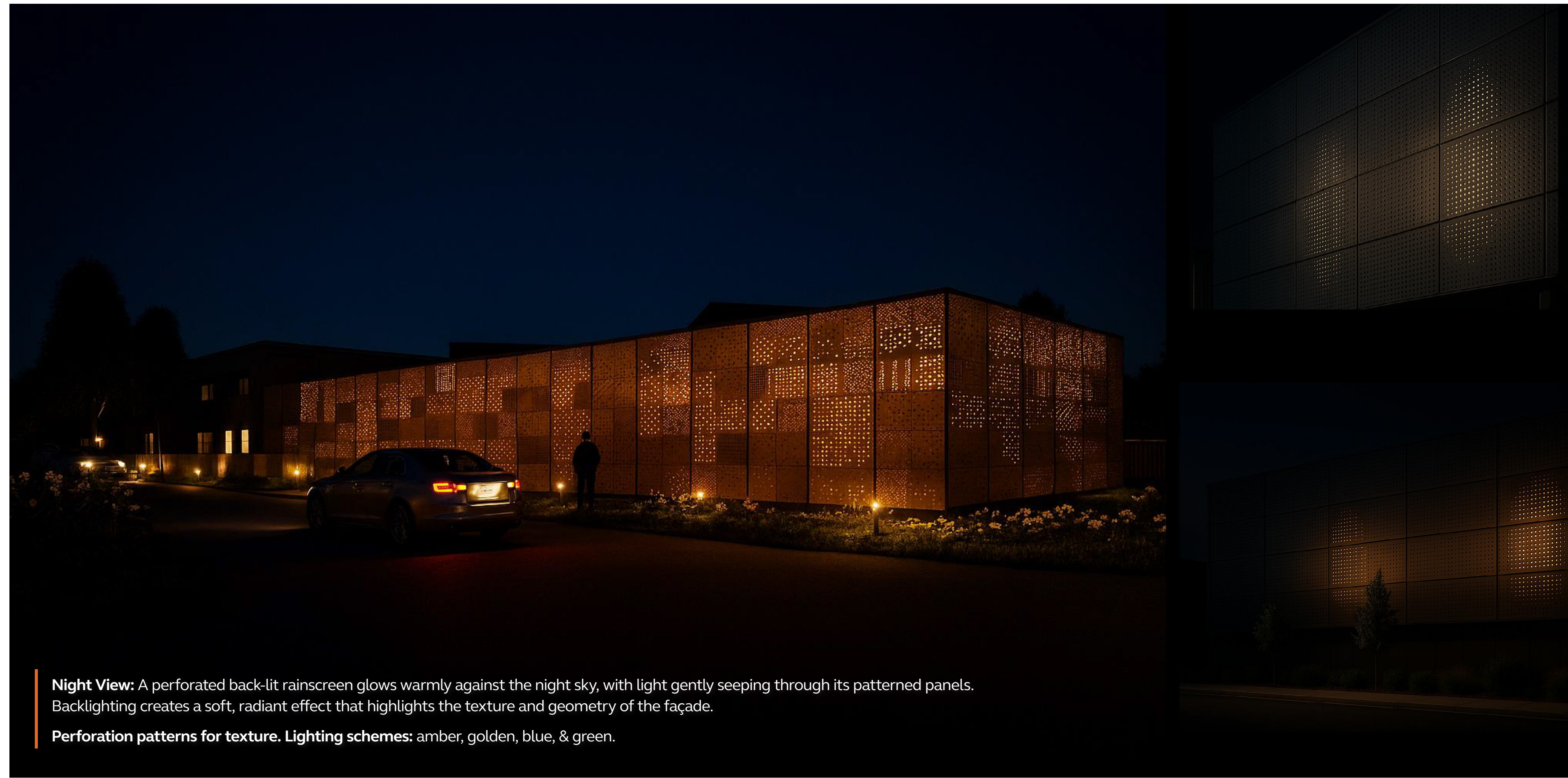
**DRAWN BY:** ARCADIS  
**CHECKED BY:** YB

**PROJECT MGR.:** YB  
**APPROVED BY:** TW

**SHEET TITLE:** SITE PLAN DEMO AND NEW

**SHEET NUMBER:** AM-105  
**ISSUE:** 2

# Architectural Concept



**Night View:** A perforated back-lit rainscreen glows warmly against the night sky, with light gently seeping through its patterned panels. Backlighting creates a soft, radiant effect that highlights the texture and geometry of the façade.

Perforation patterns for texture. Lighting schemes: amber, golden, blue, & green.



**Aerial View:** The design presents a contemporary industrial facility with rectilinear massing. The composition integrates rooftop-ready photo-voltaic cells with a landscaped perimeter and organized service zones, balancing technical performance with refined architectural expression.



**Pedestrian View:** The façade consists of a series of perforated metal panels arranged in a uniform grid, creating a modern, textured appearance with subtle geometric patterns. The panels all share a perforated design, but the size and arrangement of the holes vary across panels.



**Birds eye view:** The design features a modern rectangular building with a patterned perforated rainscreen façade in bronze-like earthy tones, creating a contemporary look. It is set within a landscaped area with greenery, parking spaces, and a wide service driveway for access.

## Urban Context

The site, located in Kanata Business Park - Ottawa's west-end technology hub with over 540 companies including global IT, telecom, and cybersecurity leaders - informs massing, access, and views. It is highly visible and accessible from Innovation Drive, with circulation routes and adjacencies shaping façade articulation and service access.

Existing buildings feature a modern, low-rise campus design: flat roofs, large rectangular footprints, and symmetrical layouts around landscaped green spaces. Curved driveways and extensive parking reinforce accessibility and openness within the business park setting.

## Design Implications

Summary of Architectural Design Implications for the Proposed MAB Project (per Kanata North Economic District Guidelines):

**Mixed-Use & Walkability:** Buildings should integrate residential, commercial, and employment spaces within Activity Centres to support an innovation ecosystem.

**Human-Scale Design:** Prioritize active street frontages, transparent ground floors, and continuous building edges to animate the public realm.

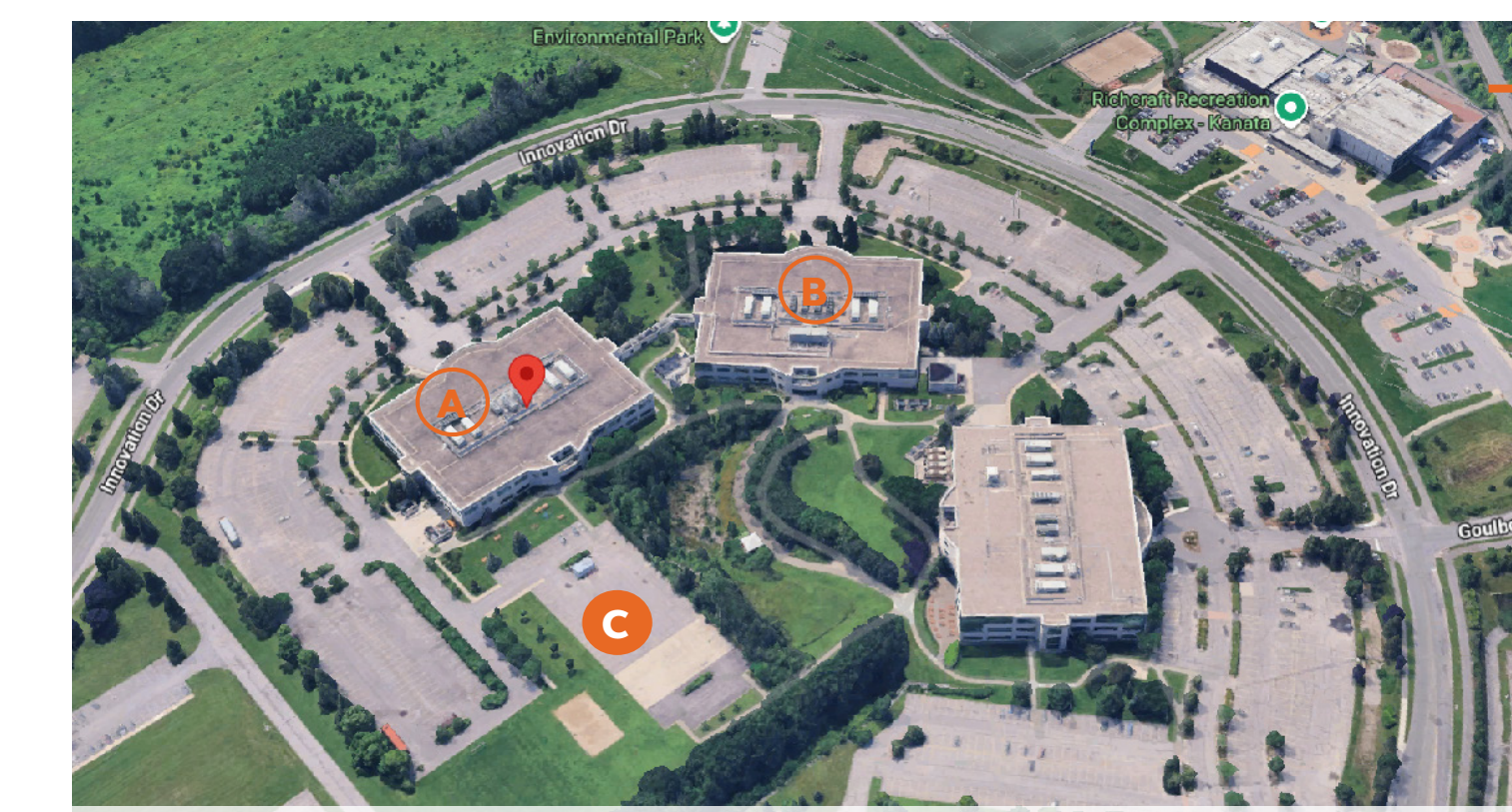
**High-Rise Guidance:** Step-backs, tower separation, and articulated façades are recommended for skyline quality and micro-climate mitigation — Not Applicable (N/A).

**Sustainability:** Ensure energy efficiency, preserve tree canopy, and connect with green spaces to promote climate resilience.

**Future Mobility:** Support transit proximity, structured parking, and adaptable layouts for evolving technologies and flexible land uses.



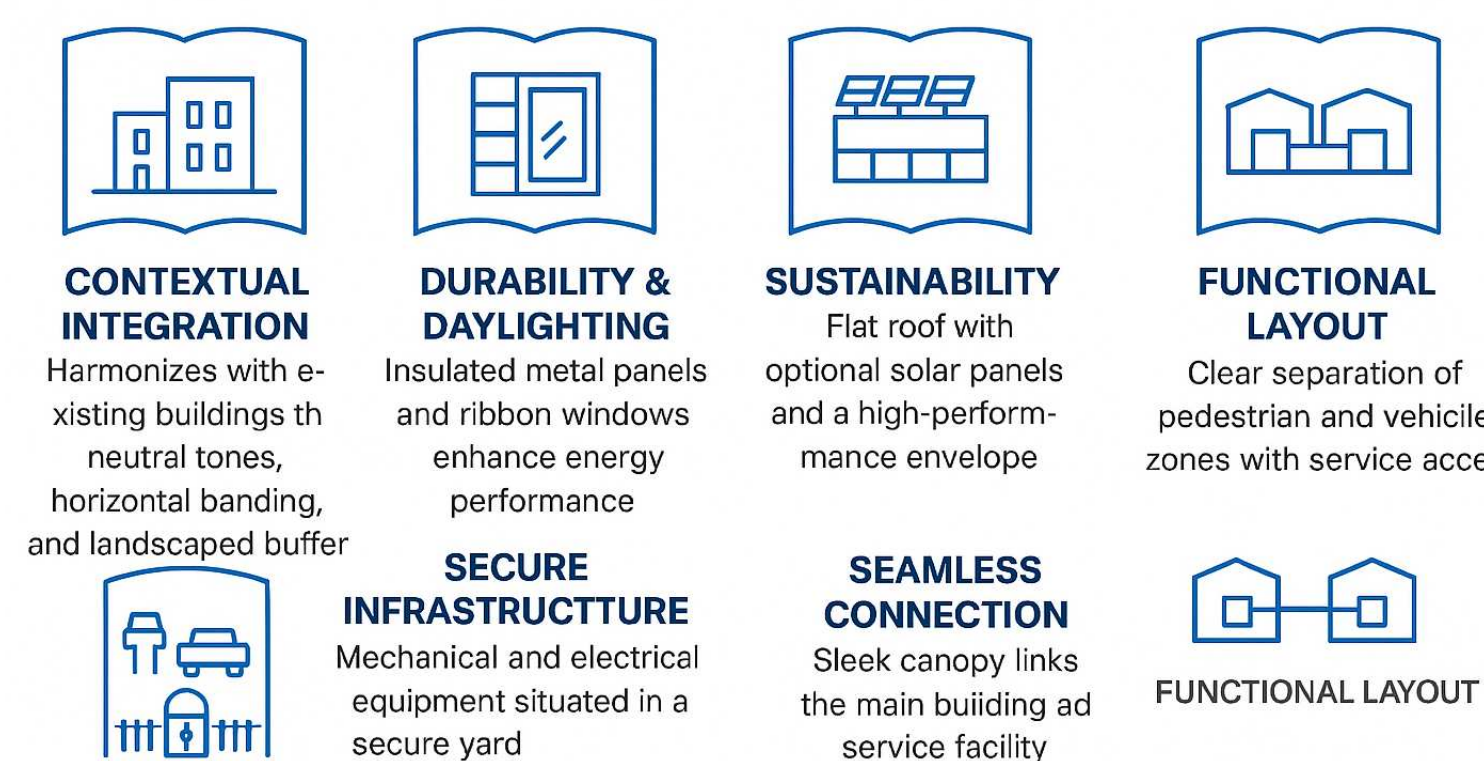
Aerial view of Kanata business park with multiple low-rise office buildings, large parking lots, tree-lined streets, and autumn foliage, with taller commercial buildings in the background.



Kanata Business Park with two existing Cisco office buildings (A and B) and the proposed Mechanical Auxiliary Building (C) positioned for operational efficiency in the campus layout.

- EXISTING OTTAWA 01 (OTT01) - Owner: Cisco
- EXISTING OTTAWA 02 (OTT02) - Owner: Cisco
- PROPOSED MAB (MECHANICAL AUXILIARY BUILDING) - Owner: Cisco

## Design Approach



### Functional Layout

- Service bays face parking for easy access.
- Pedestrian entry at landscaped edge; separation of vehicle & pedestrian paths.

### Sustainability

- High-performance envelope with thermal breaks.
- Optional PV solar panels.

### Connection & Detailing

- Sleek canopy linking new and existing buildings.
- Narrow horizontal ribbon windows for daylight/security.
- Light concrete base trim for durability; shrubs for edge softening.

### Mechanical & Electrical

- 3 generators, 4 diesel tanks, 4 cooling towers, 7 Hydro Ottawa transformers, yard fence, and service access zone.

### Contextual Integration

- Match OTT01+02 neutral tones and clean lines for harmony.
- Emphasize horizontal elements to complement low-rise form.
- Add landscaping buffers for smooth transition.

### Facade Concept

- Material: Perforated Rainscreen System for durability and efficiency.
- Horizontal banding with subtle color variation for simplicity.

### Roof Design

- Flat roof with parapet aligned to existing building; no rooftop equipment.

## Design Concept

The proposed rainscreen system features a modular grid of perforated panels in warm, bronze-like tones, and texture evoke a sense of depth and craftsmanship while maintaining a contemporary aesthetic. This design balances durability and elegance, offering both functional performance and visual richness for modern architectural applications.

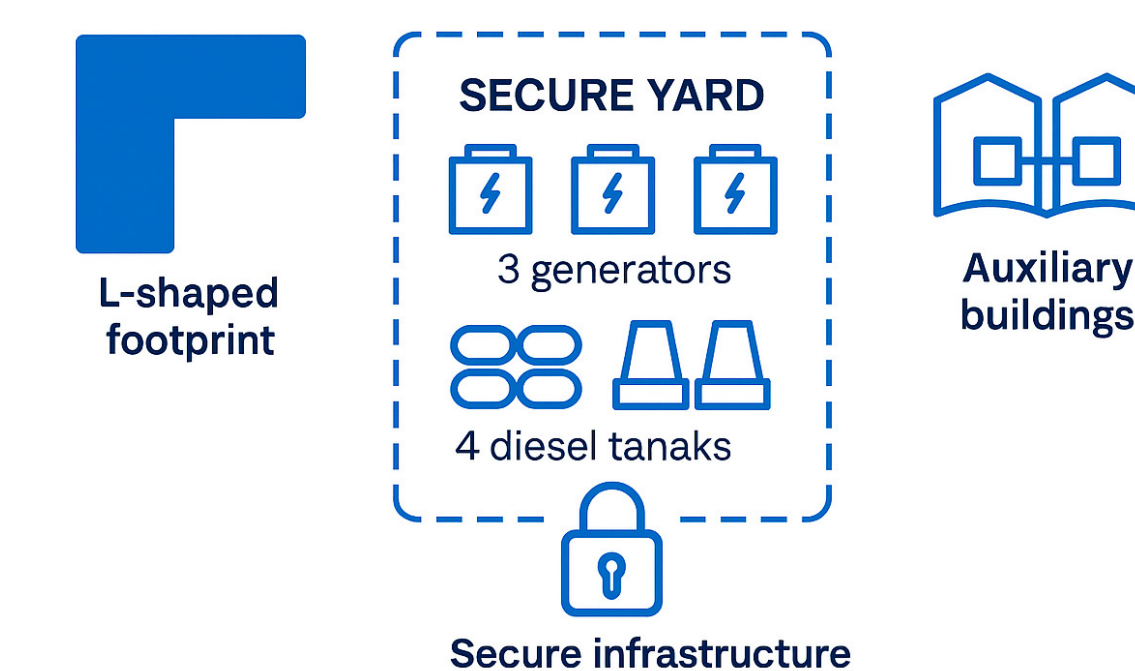
### Design Approach Legend

- Contextual Integration**  
Neutral tones, horizontal emphasis, and landscaping for harmony
- Facade Concept**  
Insulated metal panels, horizontal banding, and ribbon windows for daylight and security
- Roof Design**  
Flat roof with parapet; optional solar panels for sustainability
- Sustainability Features**  
High-performance envelope and PV panels for energy efficiency
- Connection**  
Sleek canopy linking buildings, concrete base trim, and integrated landscaping
- Mechanical & Electrical Services**  
Secure yard with generators, cooling towers, diesel tanks, and transformers

The service yard uses an L-shaped footprint to house mechanical and electrical auxiliary buildings, creating a secure outdoor zone for 3 generators, 4 diesel tanks, and 4 cooling towers within a square enclosure. This efficient, compact layout consolidates critical infrastructure while ensuring operational access and reducing visual clutter. By defining a clear perimeter, the design reinforces order and containment, integrating the technical core seamlessly with the overall site composition.

Harmonizing with existing architecture, using durable and energy-efficient materials, and integrating sustainability through solar-ready roofs and high-performance envelopes. It also emphasizes functional layouts, secure infrastructure, and seamless connections to create an efficient, future-ready facility.

### Functional Programming



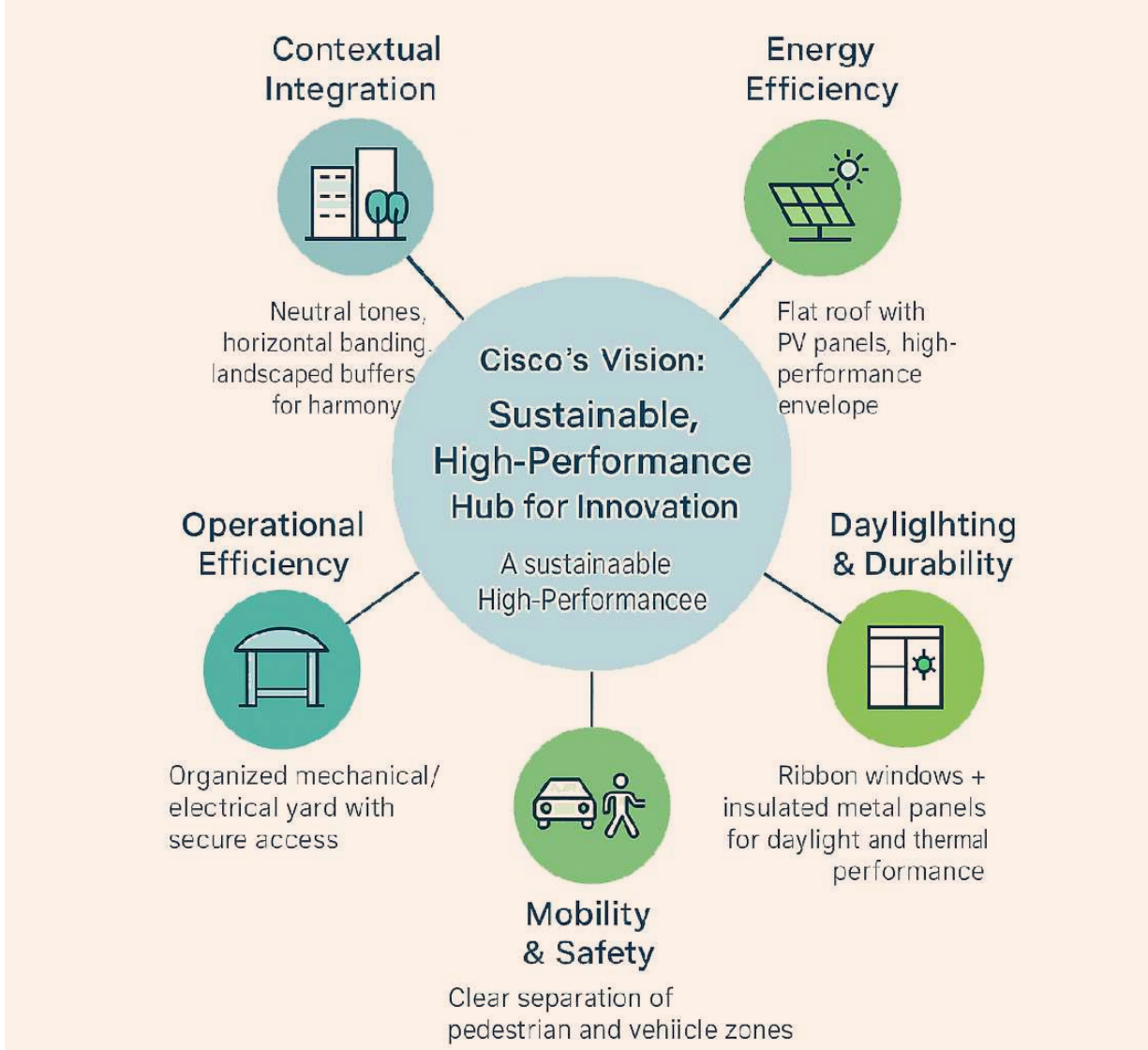
### Key Design Principals



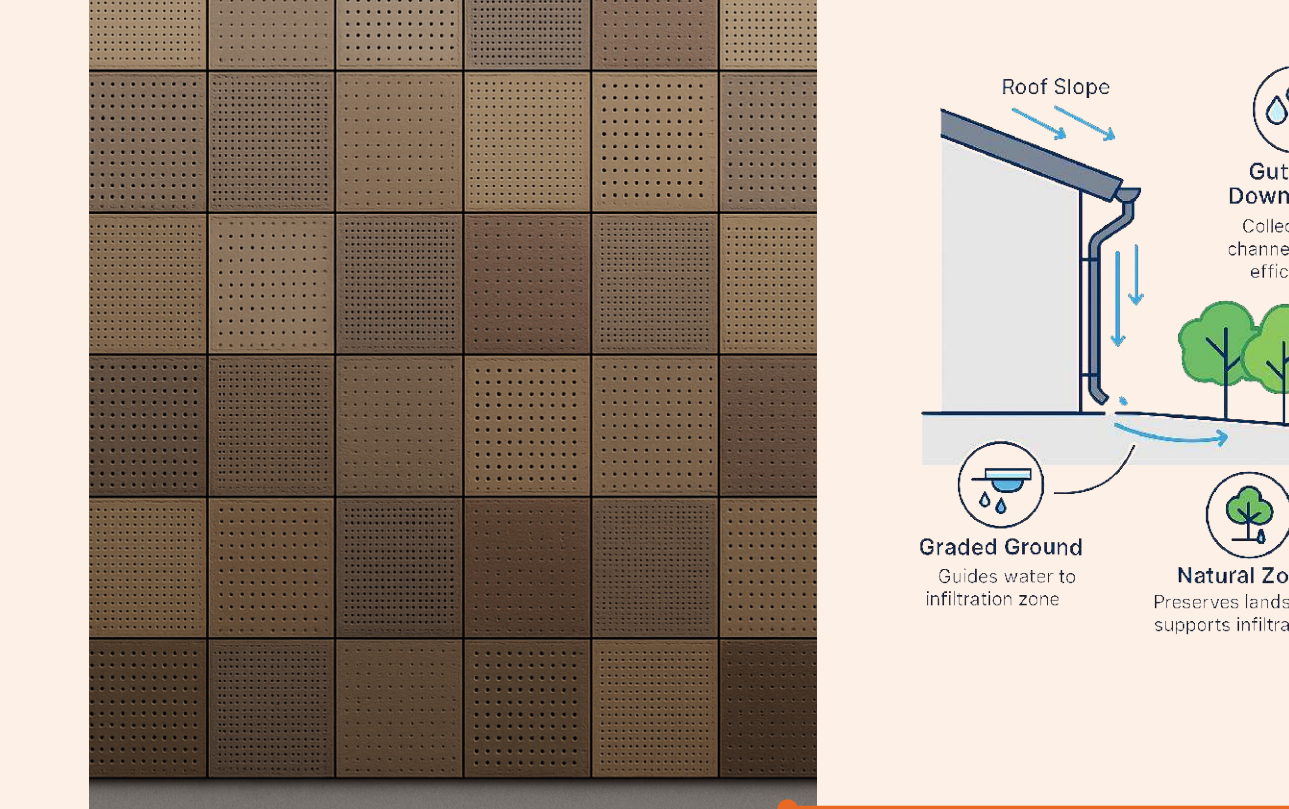
## Sustainability

### Advancing Cisco's Vision

A Sustainable, High-Performance Hub for Innovation in Ottawa: The proposed design emphasizes contextual integration and operational efficiency while maintaining a strong visual connection to the existing OTT01 and OTT02 buildings. Neutral tones, horizontal banding, and landscaped buffers create harmony with the current campus, while insulated metal panels and ribbon windows deliver durability, daylighting, and energy performance. A flat roof with solar panels and a high-performance envelope reinforces sustainability, and the functional layout ensures clear separation of pedestrian and vehicle zones with convenient service access. Mechanical and electrical infrastructure is organized in a secure yard, complemented by a sleek canopy connection to the main building for seamless integration.



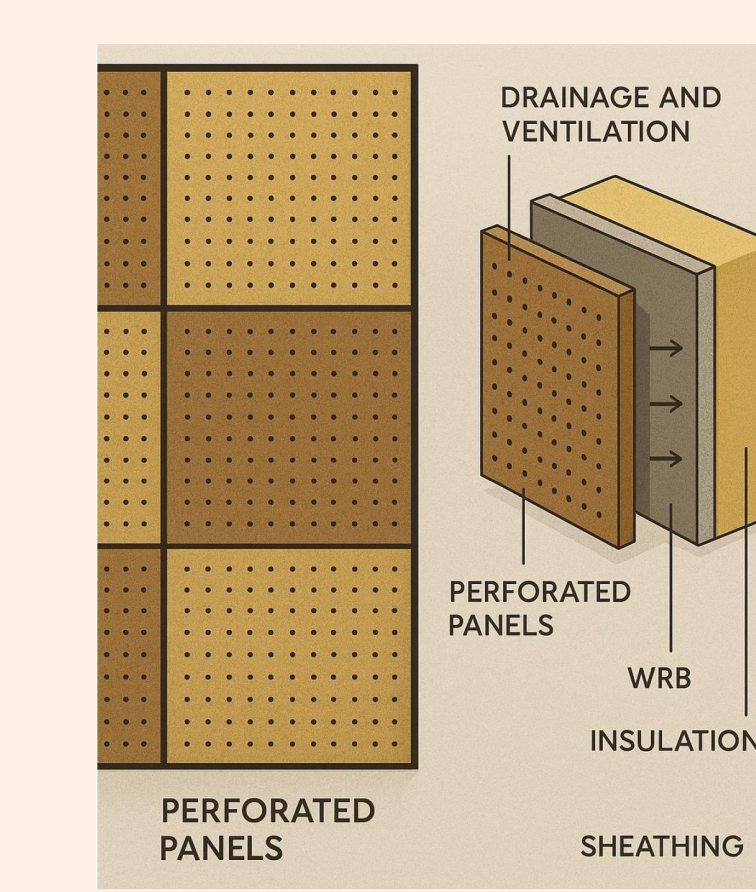
### Efficient Rooftop Water Management



The proposed 0.3 m high concrete base complements the precast panel system of the existing building, ensuring visual continuity and structural integrity. Concrete provides a durable and stable foundation for the rainscreen, capable of resisting freeze-thaw cycles and de-icing salts common in Ottawa's harsh winters. This approach enhances longevity while maintaining a cohesive architectural expression between new and existing elements.

### Perforated Panel Design Features

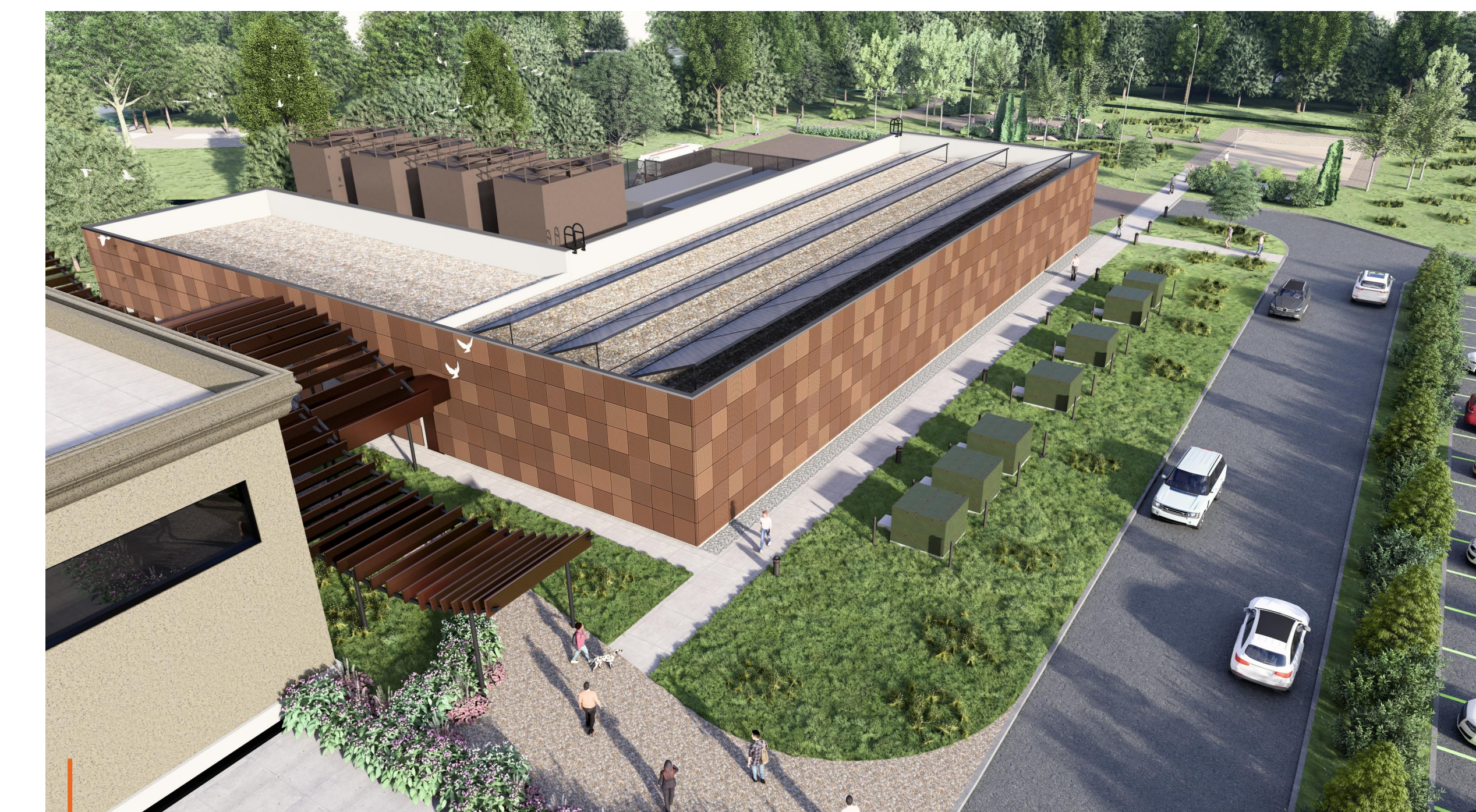
Modular rainscreen system. Perforated square panels in bronze-like tones.



Left image: There is a close-up view of the façade pattern, showing square panels in alternating shades of brown and tan, each with a grid of small perforations for ventilation and aesthetic texture.

Right image: A diagram details the assembly layers:

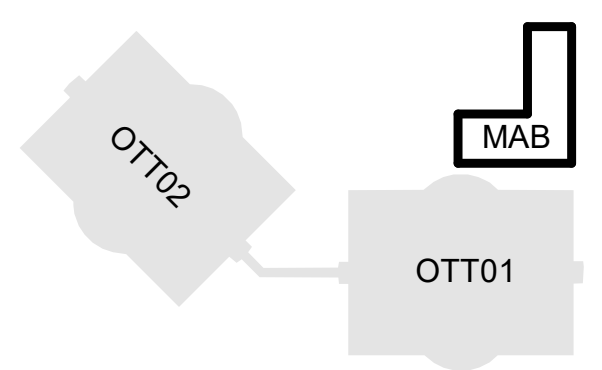
- Perforated panels as the outer rainscreen layer
- Drainage and ventilation cavity behind the panels
- WRB (Weather-Resistant Barrier) for moisture protection
- Insulation for thermal performance
- Sheathing as the structural backing



**3D view:** A modern, rectangular building with a patterned brown facade and rooftop mechanical units is surrounded by landscaped greenery and a paved parking area. The design features a shaded entrance walkway and organized outdoor utility structures along the side.



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ISSUES	No.	DESCRIPTION	DATE
1	ISSUED FOR SPC ROUND 1		2025.12.12
2	RESPONSE TO SPC ROUND 1 COMMENTS		2026.05.08

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SEAL

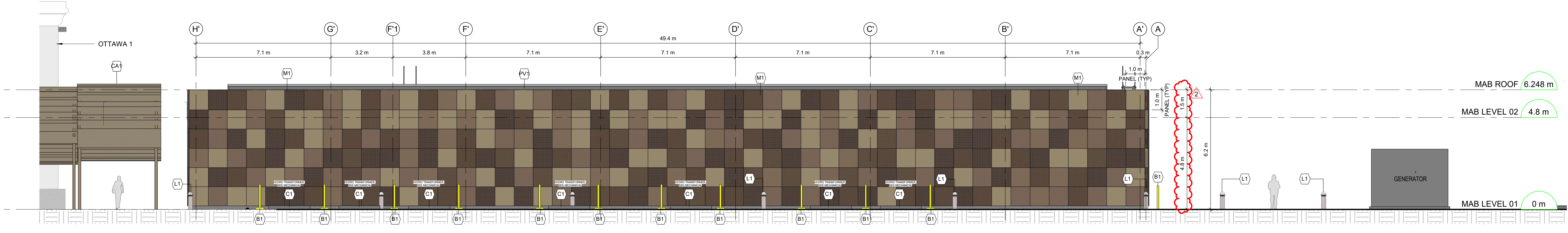
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tel 613 225 1311  
www.arcadis.com

**PROJECT**  
Cisco Ottawa Campus  
MAB  
2000 Innovation Drive,  
Kanata, ON K2K 3E8

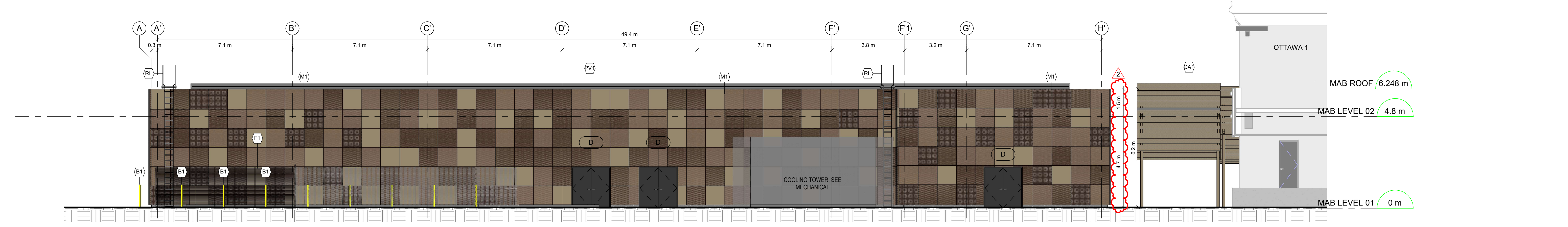
**PROJECT NO.:** MAB-30298433  
**APPLICATION NO.:** PC2025-0127  
**DRAWN BY:** YB  
**CHECKED BY:** YB  
**PROJECT MGR.:** YB  
**APPROVED BY:** TW

**SHEET TITLE:** ARCHITECTURAL CONCEPT

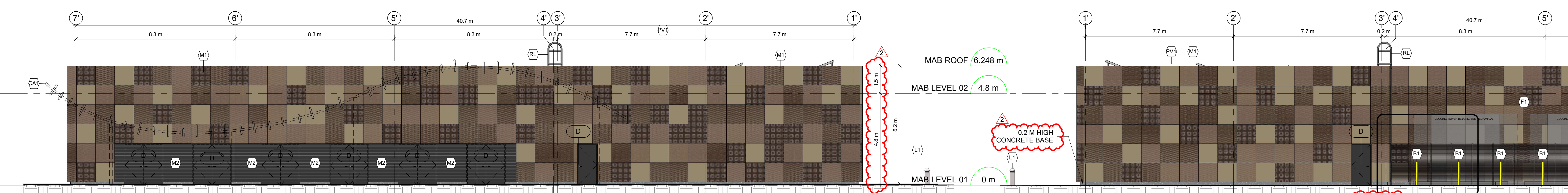
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**ISSUE:** 1



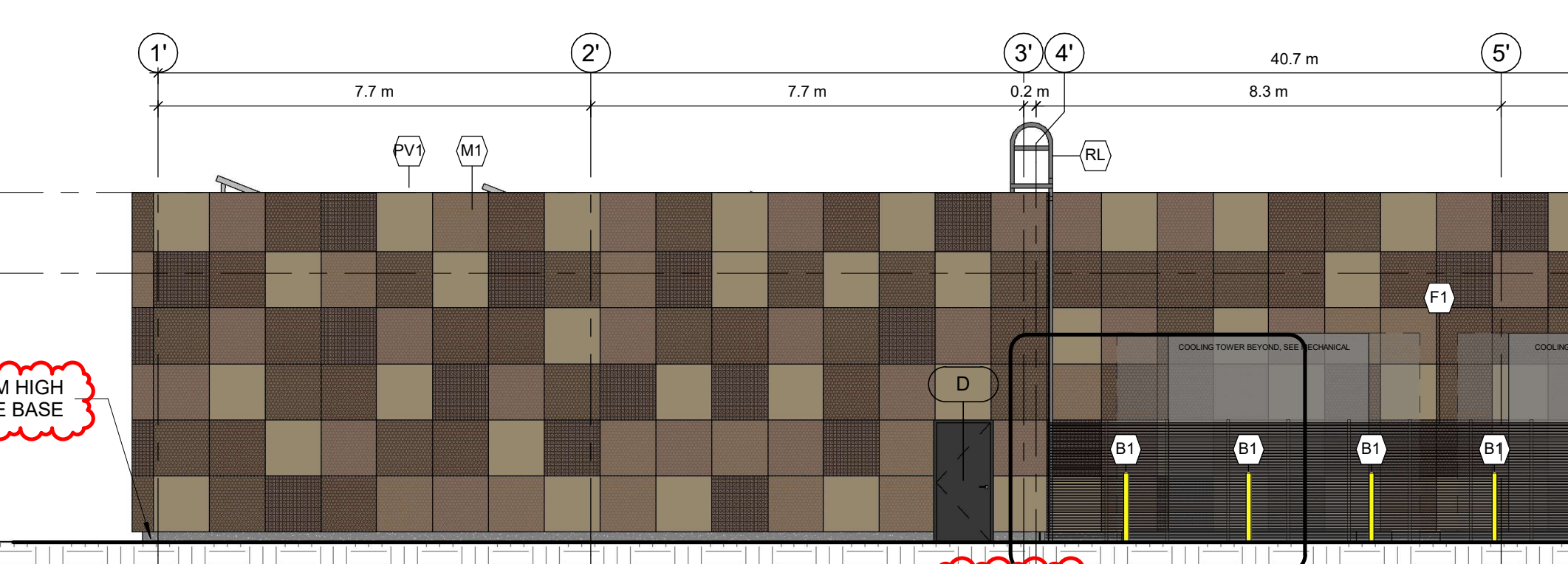
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Scale: 1:100



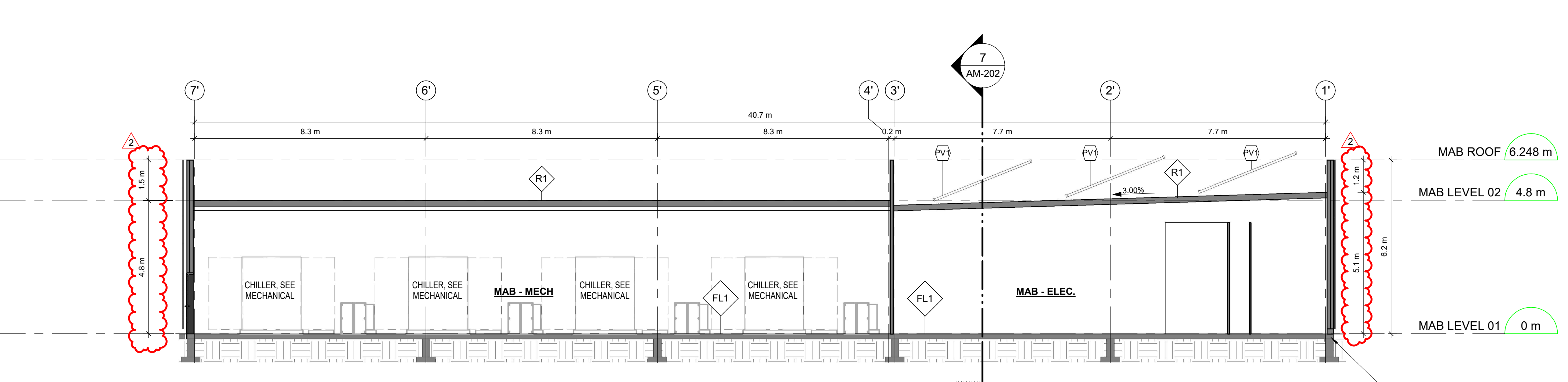
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Scale: 1:100



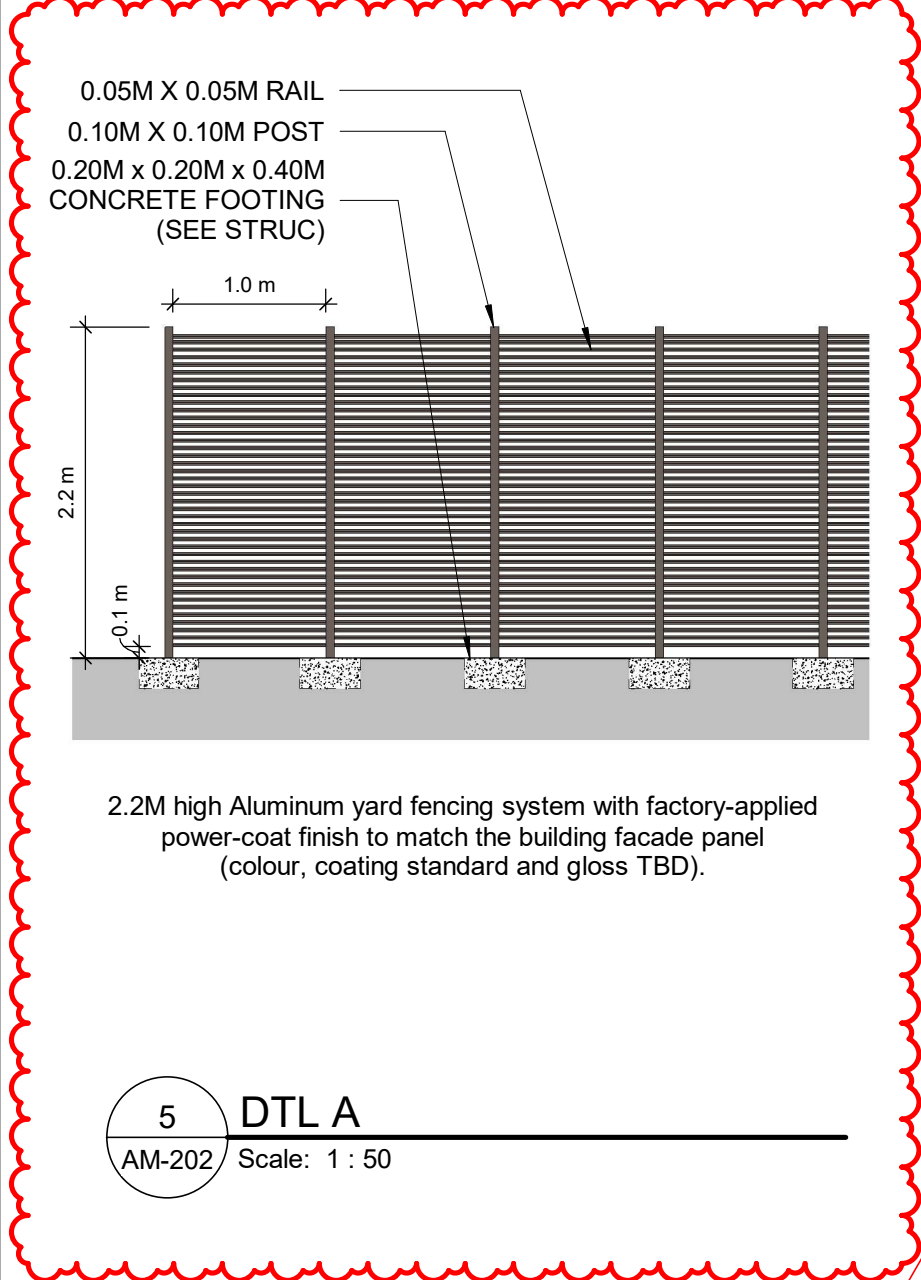
4 MAB BLDG ELEVATION - SOUTH FACE  
Scale: 1:100



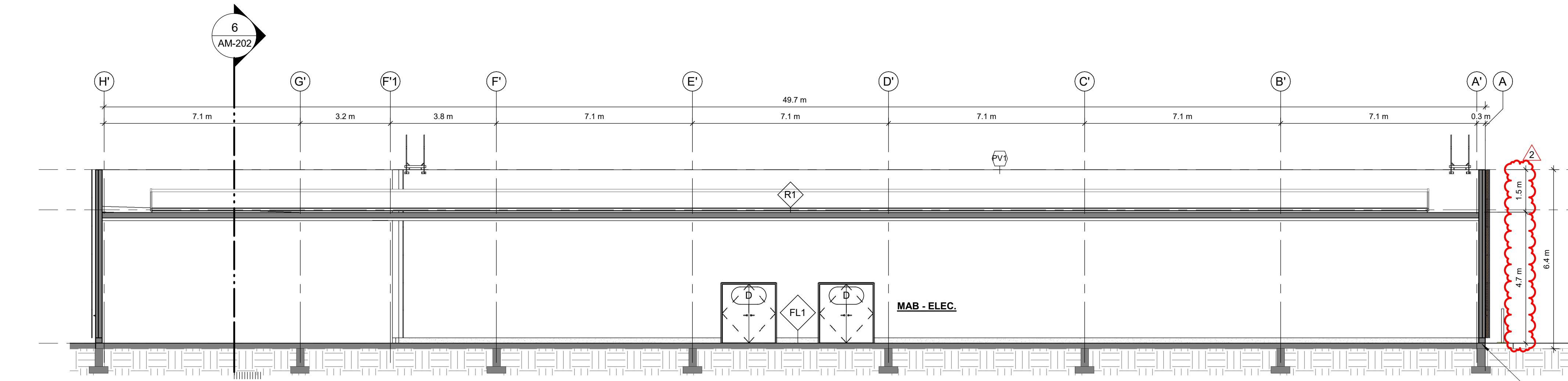
3 MAB BLDG ELEVATION - NORTH FACE  
Scale: 1:100



6 SECTION 01  
Scale: 1:100



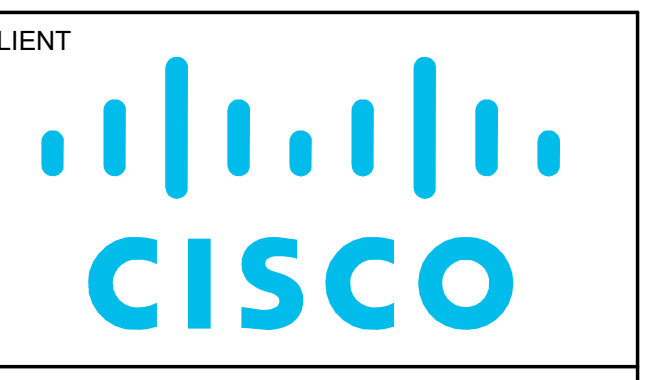
5 DTL A  
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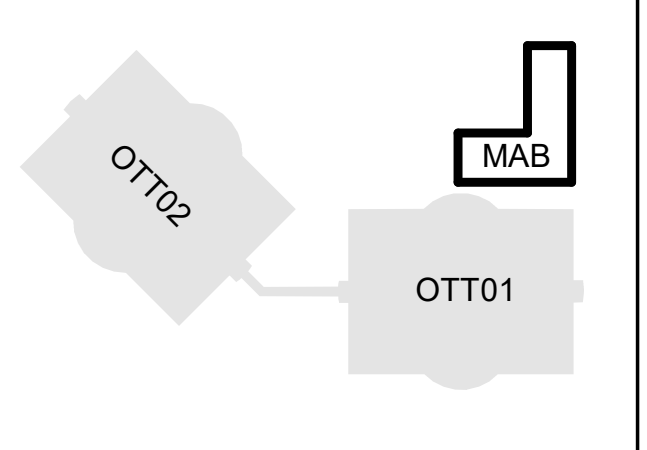
7 SECTION 02  
Scale: 1:100

**Bird-Safe Grate Design Requirements**  
**MAXIMUM OPENING SIZE (POROSITY):**  
 • 20 MM x 20 MM  
 • OR 10 MM x 50 MM  
 • These dimensions prevent small birds from getting trapped or injured in grates.  
**APPLICABLE TO:**  
 • VENTILATION GRATES  
 • PIPE GRATES  
 • ANY GRADE-LEVEL OR BUILDING-INTEGRATED GRATING NEAR VEGETATION OR OPEN AREAS  
 • AVOID REFLECTIVE SURFACES NEAR GRATES (BIRDS MAY FLY TOWARD REFLECTIONS)  
 • USE NON-REFLECTIVE FINISHES AND VISUAL MARKERS ON ADJACENT GLASS  
 • INTEGRATE GRATES FLUSH WITH SURFACES TO AVOID CREATING LEDGES OR GAPS THAT ATTRACT NESTING.

**OTTAWA BIRD-SAFE DESIGN GUIDELINE**  
 SEPTEMBER 2020  
 (Right) View from Ottawa 1's secondary entrance reveals a curving pathway broken by greenery and trees. A bronze-toned perforated facade of MAB runs along the right side, adding contrast to the natural setting.

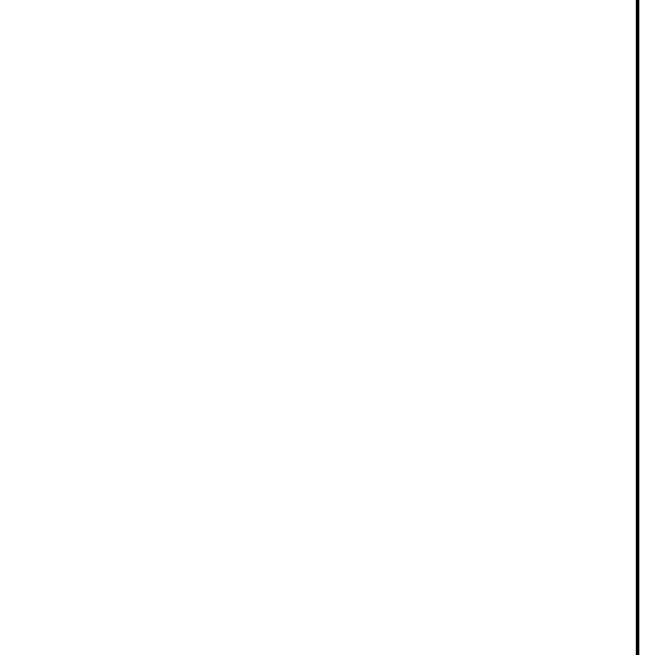


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1	ISSUED FOR SPC ROUND 1	2025.12.12
2	RESPONSE TO SPC ROUND 1 COMMENTS	2026.05.08

**FRIT PATTERN**  
 - THREAT FACTOR 24  
 - COLOUR: V951 WHITE  
 - 1/8" DOTS (SCREEN 5006); 40% COVERAGE



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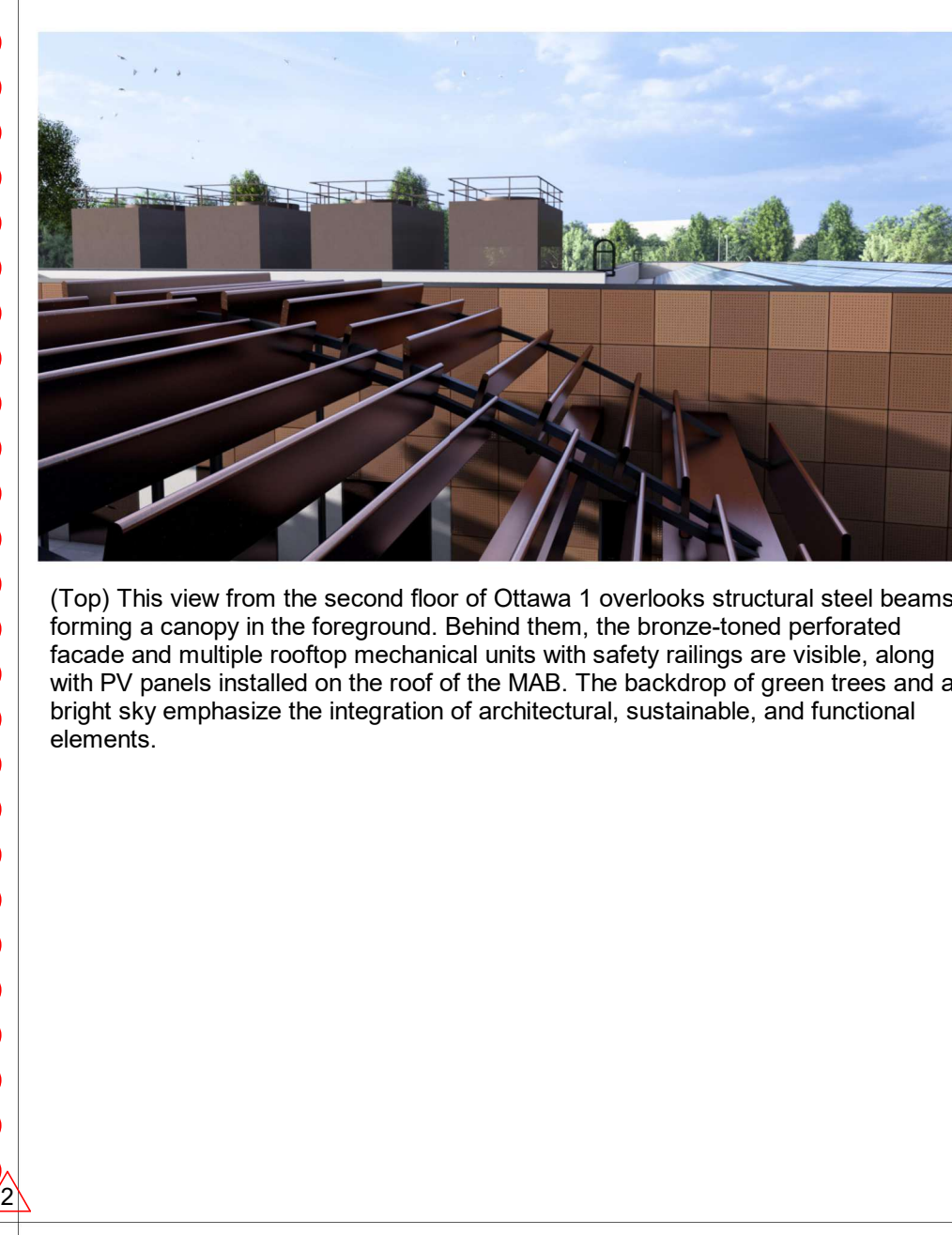
**PROJECT**  
 Cisco Ottawa Campus - MAB MAB  
 2000 Innovation Drive, Kanata, ON K2K 3E8

**PROJECT NO:** MAB-30298433  
**APPLICATION NO:** PC2025-0127

**DRAWN BY:** YB  
**CHECKED BY:** YB  
**PROJECT MGR:** YB  
**APPROVED BY:** TW

**SHEET TITLE**  
 BUILDING ELEVATIONS & SECTIONS

**SHEET NUMBER** AM-202  
**ISSUE** 2



MATERIAL SCHEDULE		
MARK	FINISH	COLOUR
FL1	EXPOSED CONCRETE, SLAB ON GRADE	
M1	PRE-FINISHED RAINSCREEN METAL SYSTEM	SHADES OF BRONZE
M2	METAL LOUVERS	
D	MAN DOOR	BLACK
R1	BITUMINOUS ROOFING	
L1	LANDSCAPE BOLLARD DOWNLIGHTING - DARK SKY COMPLIANT	BLACK
C1	CONCRETE PAD	
F1	METAL FENCING, 100MM O.C.	SHADES OF BRONZE
PV1	PHOTOVOLTAIC PANELS	
CA1	METAL EXTERIOR CANOPY	SHADES OF BRONZE
RL	METAL ROOF ACCESS LADDER	BLACK
BL	CONCRETE BOLLARD	YELLOW

File No: 001-13-25-016  
 Arcadis Design - Ottawa Campus - MAB MAB