

S S Anudeep Mummareddy

Architecture Portfolio

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mixed-use 01

as a

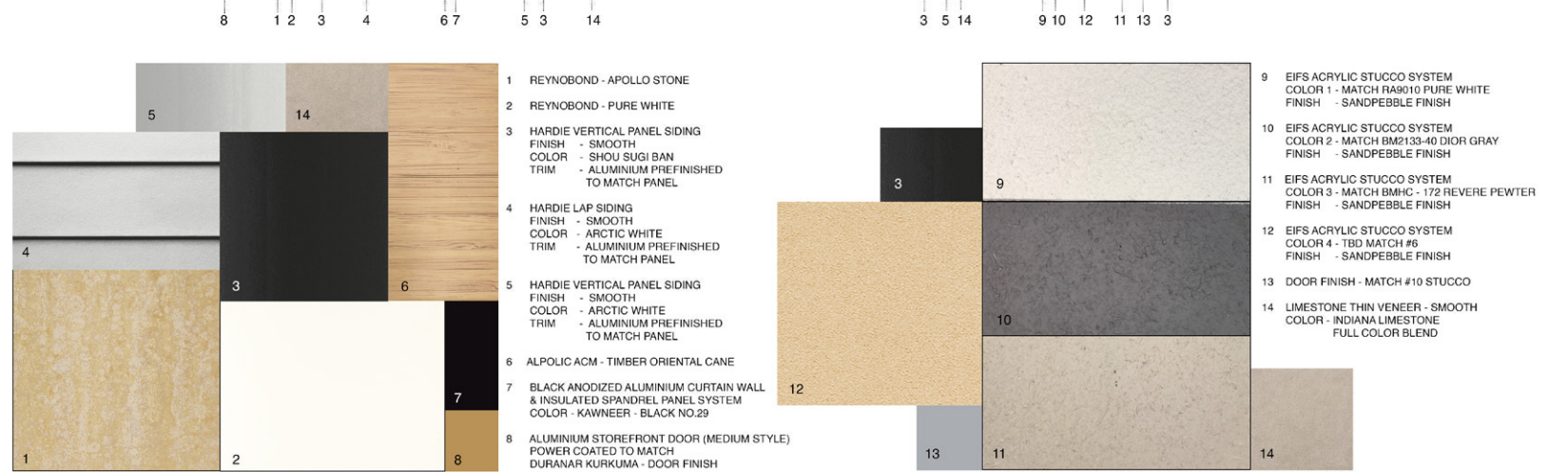
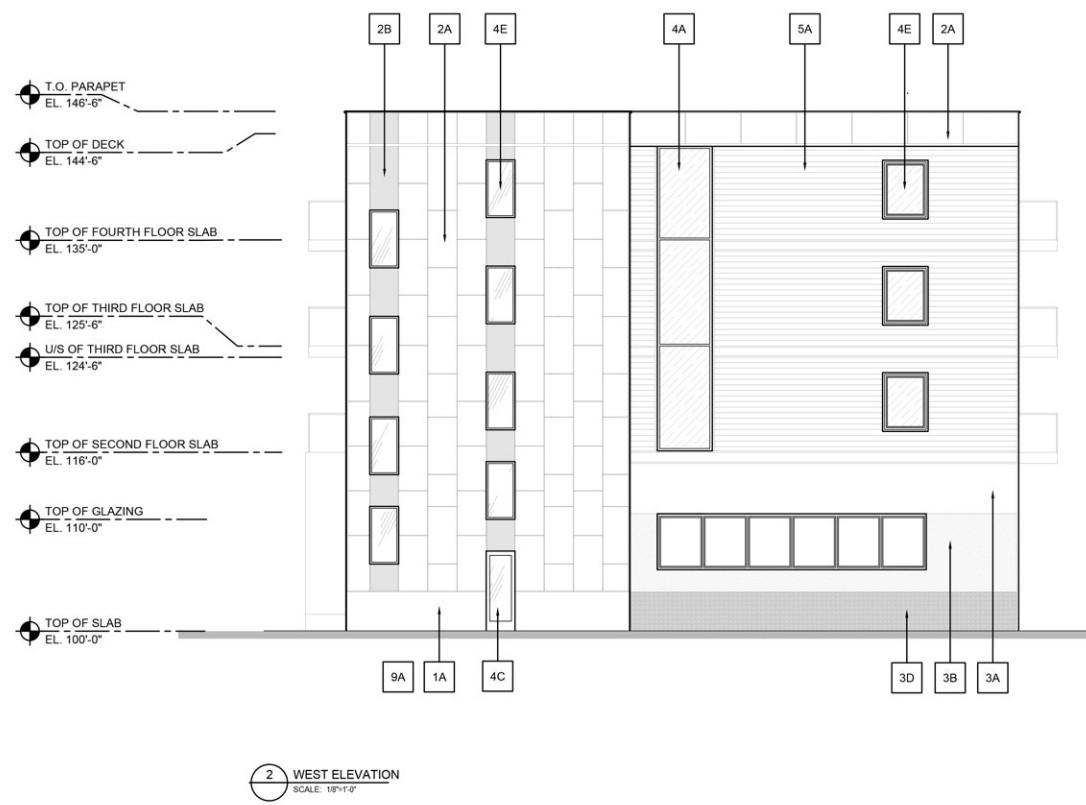
PHASE II . RETAIL . RESIDENTIAL

Fall 2021 . supervised by Jonah Trotsuk & Soheil Ghazi

Edmonton

Located in the newly developing sub-urbs of the city, this building is an addition to the phase 1 of the project consisting retail and office spaces. This expansion brings in residential component and more retail spaces. The careful juxtaposition of residential lobby entrance to the retail on the main level and a feature amenity space adjoining the site entrance distinguishes the residential use. Explorations ranged from maximising rentable area, naturally ventilating the corridor and lobby spaces, feature staircase, premium patio spaces for the individual units as an amenity, site access, landscape features and parkade feasibility.

Role. site analysis and planning, schematic design, 3d modelling and visualizations, application for the development permit, co-ordinating with consultants, assisting the team in design development and construction document phases.





mixed-use 02

as a

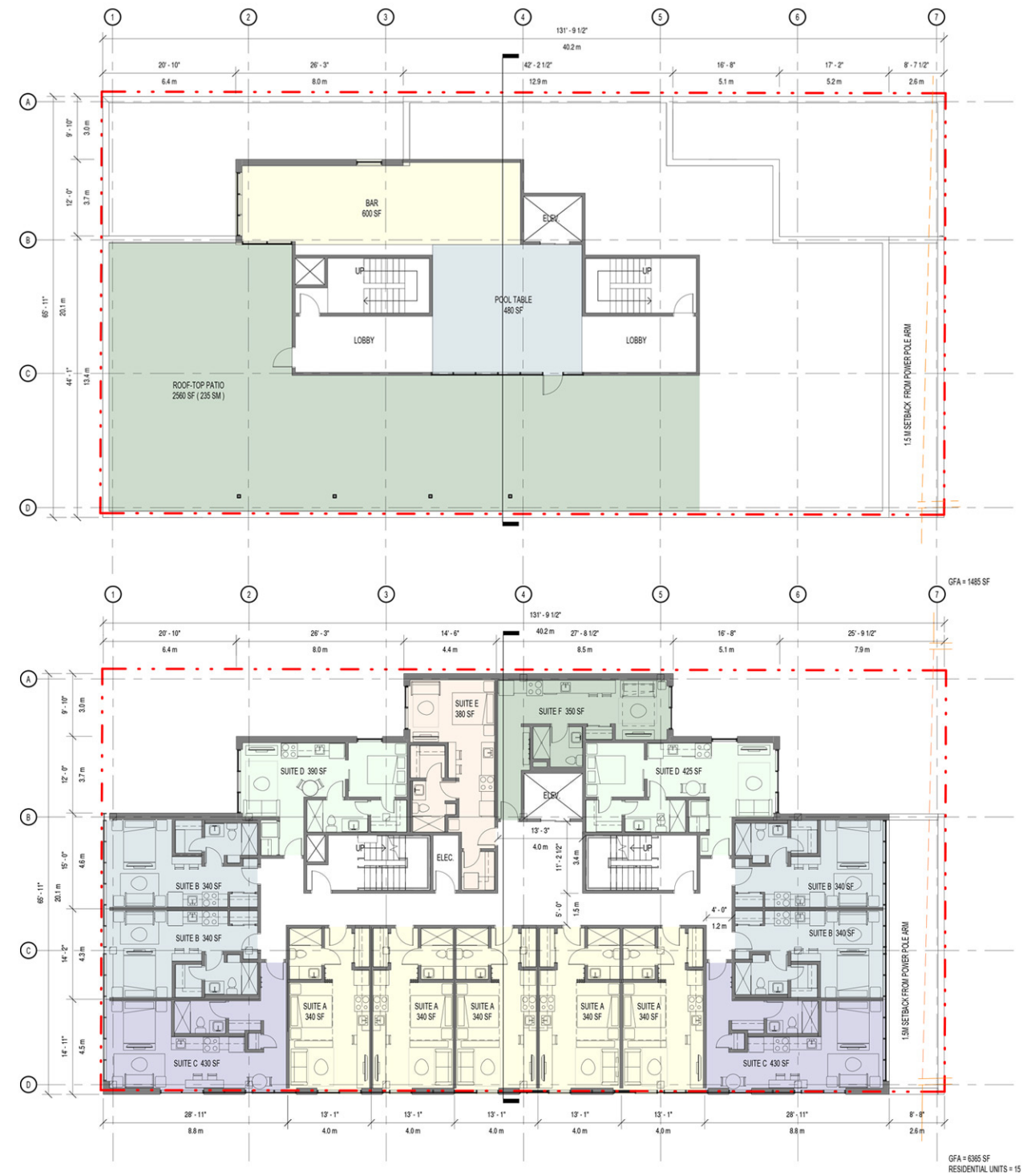
ADDITION . RETAIL . RESIDENTIAL

Spring 2022 . supervised by Ian Evans . interiors by Ashley Maas

Edmonton

This first draft of the schematic design proposes a vibrant mixed-use community located in the prime entertainment and business street of the city, surrounded by pubs, boutiques and cafes. This building is a renovation and addition of micro-suites to the existing retail spaces of a 2 floor building from 1950's. The massing exploration consisted of offsetting the new levels comprising of residential units from the future neighboring towers and the services in alley, creating terraces and patios. While maximising the usable floor area and carefully augmenting the void, the intent of this exercise is to assist the developer in a feasibility study.

Role. site analysis and planning, program and scope of the project, schematic design, 3d modelling and visualizations.





retail units 01

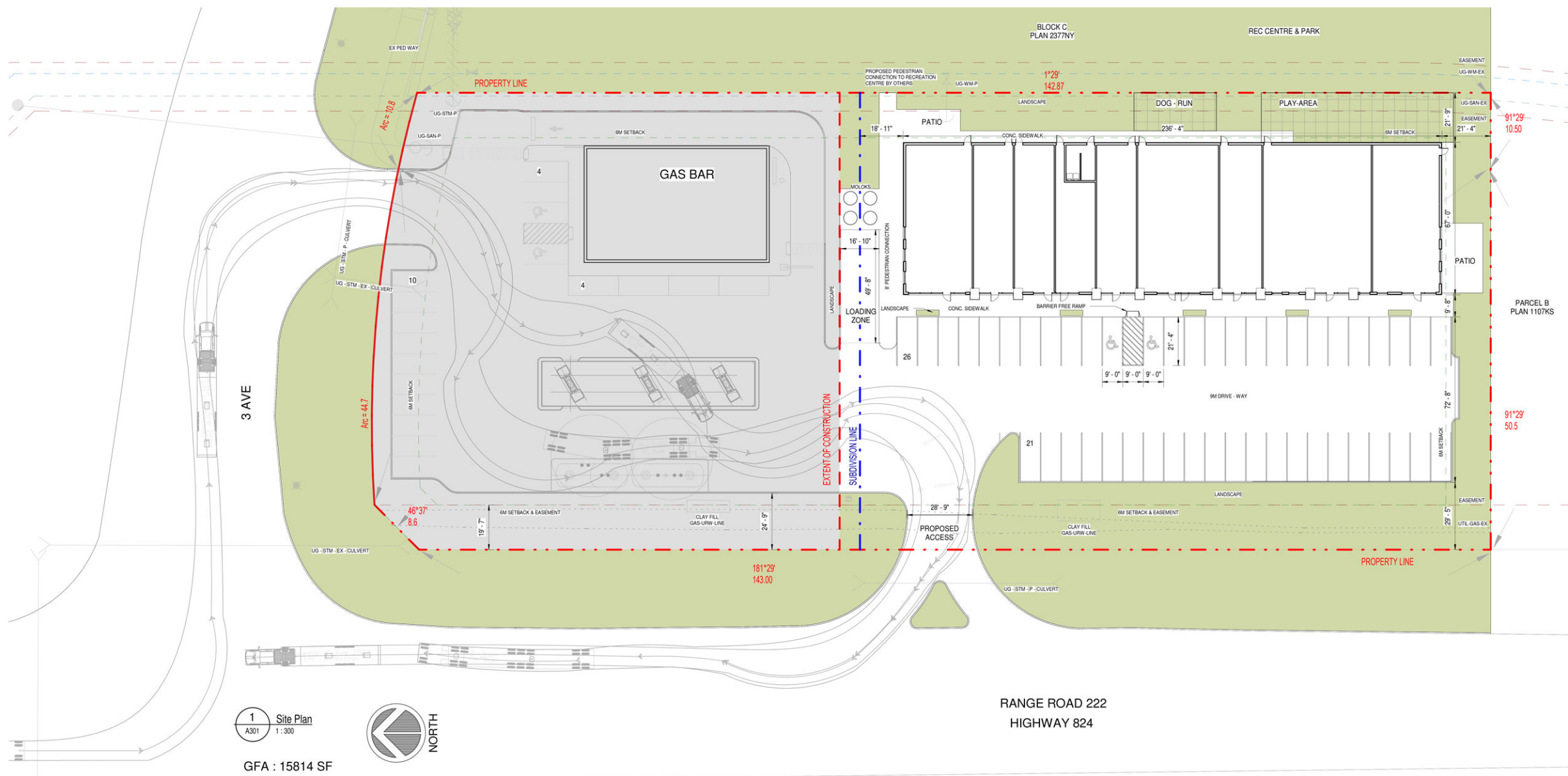
COMMERCIAL

Fall 2022 . supervised by Ian Evans

Ardrossan, AB

Designed for a prominent highway entry site, this retail development acts as both a gateway and community hub for the hamlet. Adjacent to the Ardrossan Park and Playground complex and Recreation Centre, the building is carefully integrated with the existing public amenities. The project enhances pedestrian connectivity between recreation, park, and commercial uses, creating an active, walkable civic destination anchored by cafés, restaurants, and local retail spaces.

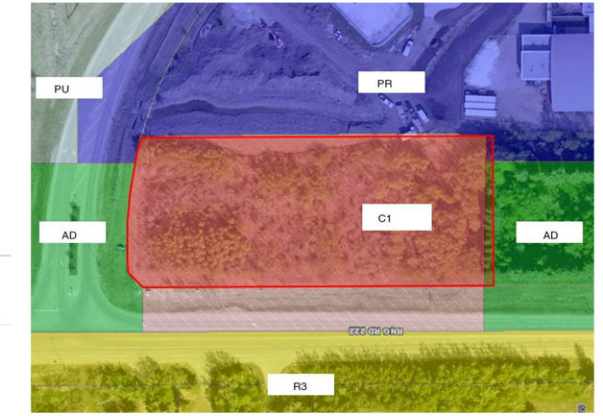
Role. site planning, schematic design, 3d modelling and visualizations, application for the development permit, co-ordinating with consultants, assisting the team in design development and construction document phases.



SITE AERIAL



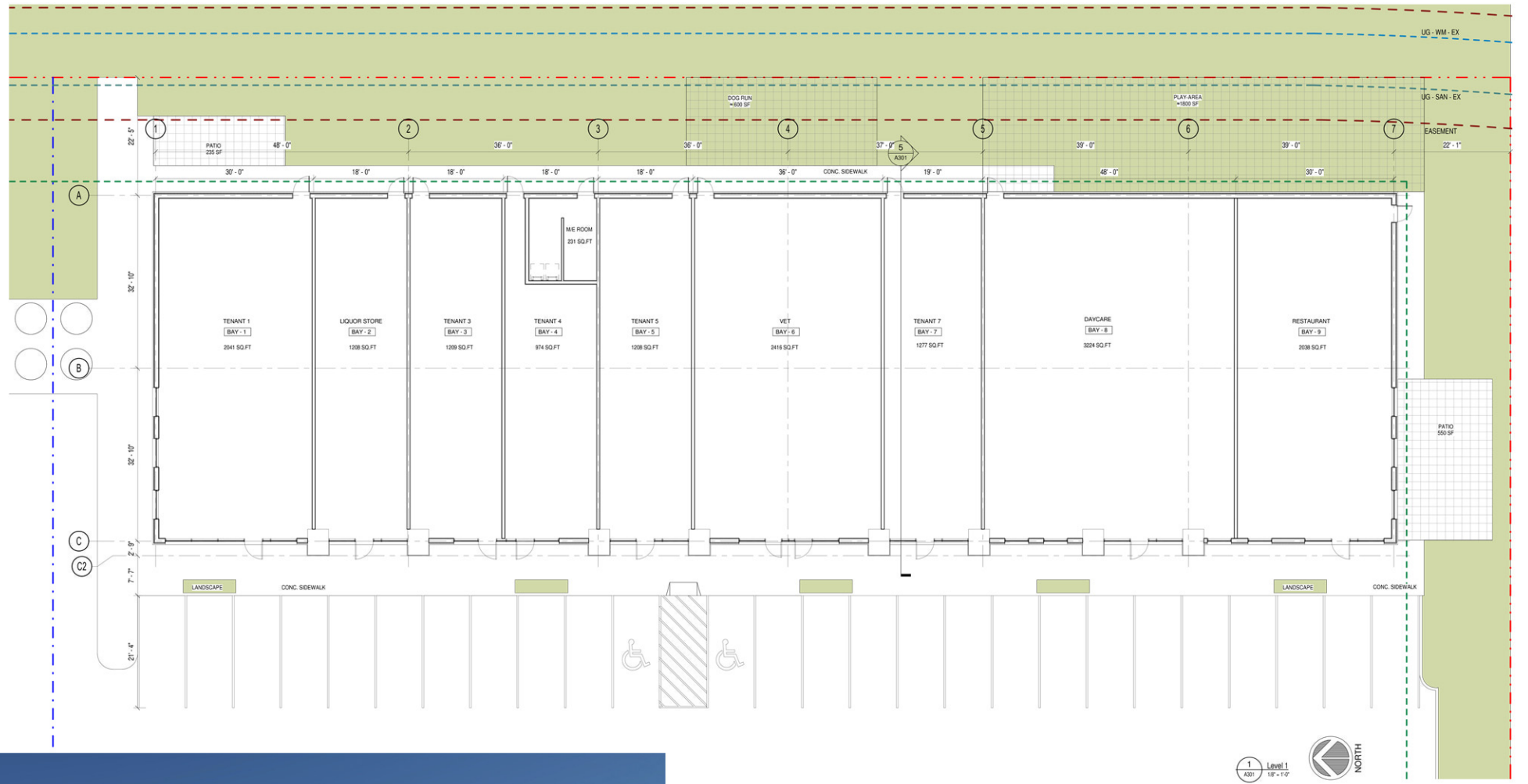
ZONING MAP



SITE STATS

ZONING	:	C1 COMMUNITY COMMERCIAL
ADDRESS	:	RANGE RD 222 & 3 AVE, AB T8E2A2
ALBERTA TOWNSHIP	:	NW2-53-22-W4
	:	STRATHCONA COUNTY, AB
LEGAL DESCRIPTION	:	2021658 1 1
TOTAL SITE AREA	:	2.2 AC (97,041SF)
COMMERCIAL SITE AREA	:	1.3 AC (55,305SF)
GFA	:	15814SF
SITE COVERAGE	:	28%

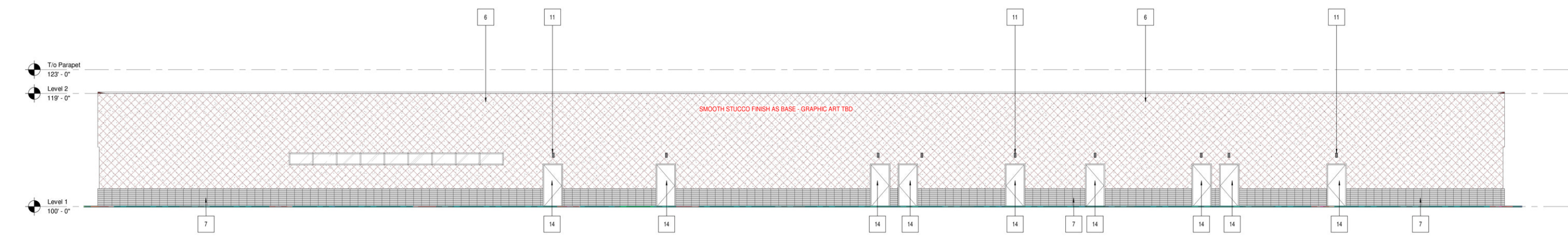




KEYNOTE LEGEND	
NO.	MATERIAL
1	CEMENTITIOUS SIDING COLOUR: GREY
2	BOARD & BATTEN CLADDING COLOUR: WHITE
3	ACRYLIC STUCCO COLOUR: BIEGE
4	ACRYLIC STUCCO COLOUR: SANDSTONE
5	ACRYLIC STUCCO COLOUR: GREY
6	ACRYLIC STUCCO COLOUR: OFF - WHITE
7	BRICK CLADDING COLOUR: GREY
8	BRICK CLADDING COLOUR: SANDSTONE
9	AWNING COLOUR: WHITE
10	EXTERIOR SCONE LIGHT FIXTURE COLOUR: BRONZE
11	EXTERIOR SCONE LIGHT FIXTURE COLOUR: BLACK
12	BLACK ANODIZED ALUMINIUM CURTAIN WALL SYSTEM w/ CLEAR DOUBLE GLAZED SEALED UNITS & SOLAR BAN FILM - KAWNEER 1620 SYSTEM
13	MAIN DOOR CW CLEAR GLAZING PANEL
14	PTD INSULATED METAL DOOR COLOUR: GREY
15	SIGNAGE TYPE 01 HALO LIT (NOT IN CONTRACT)
16	SIGNAGE TYPE 02 BOARD MOUNTED AND LIT (NOT IN CONTRACT)

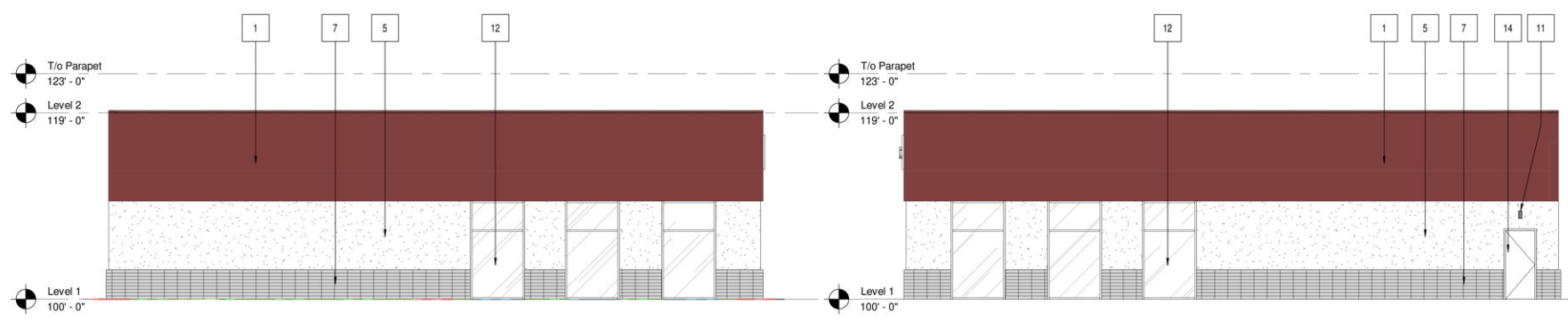


1 Elevation 1 - a
1/8" = 1'-0"

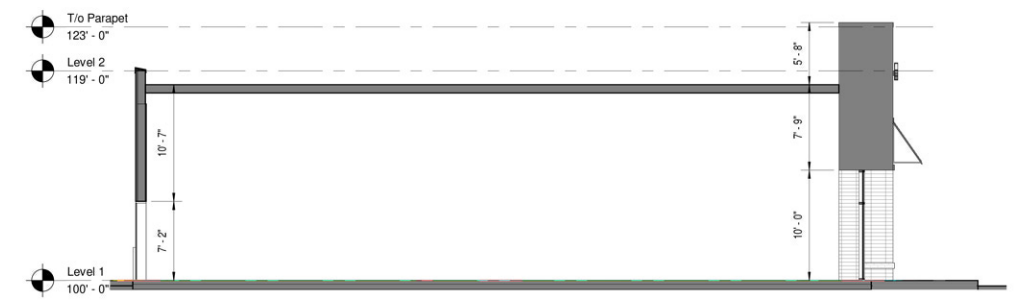


2 Elevation 2 - a
1/8" = 1'-0"

4 Elevation 3 - a
1/8" = 1'-0"



3 Elevation 4 - a
1/8" = 1'-0"



5 Section 1
A201
1/8" = 1'-0"



retail units 02.

PHASE II . COMMERCIAL

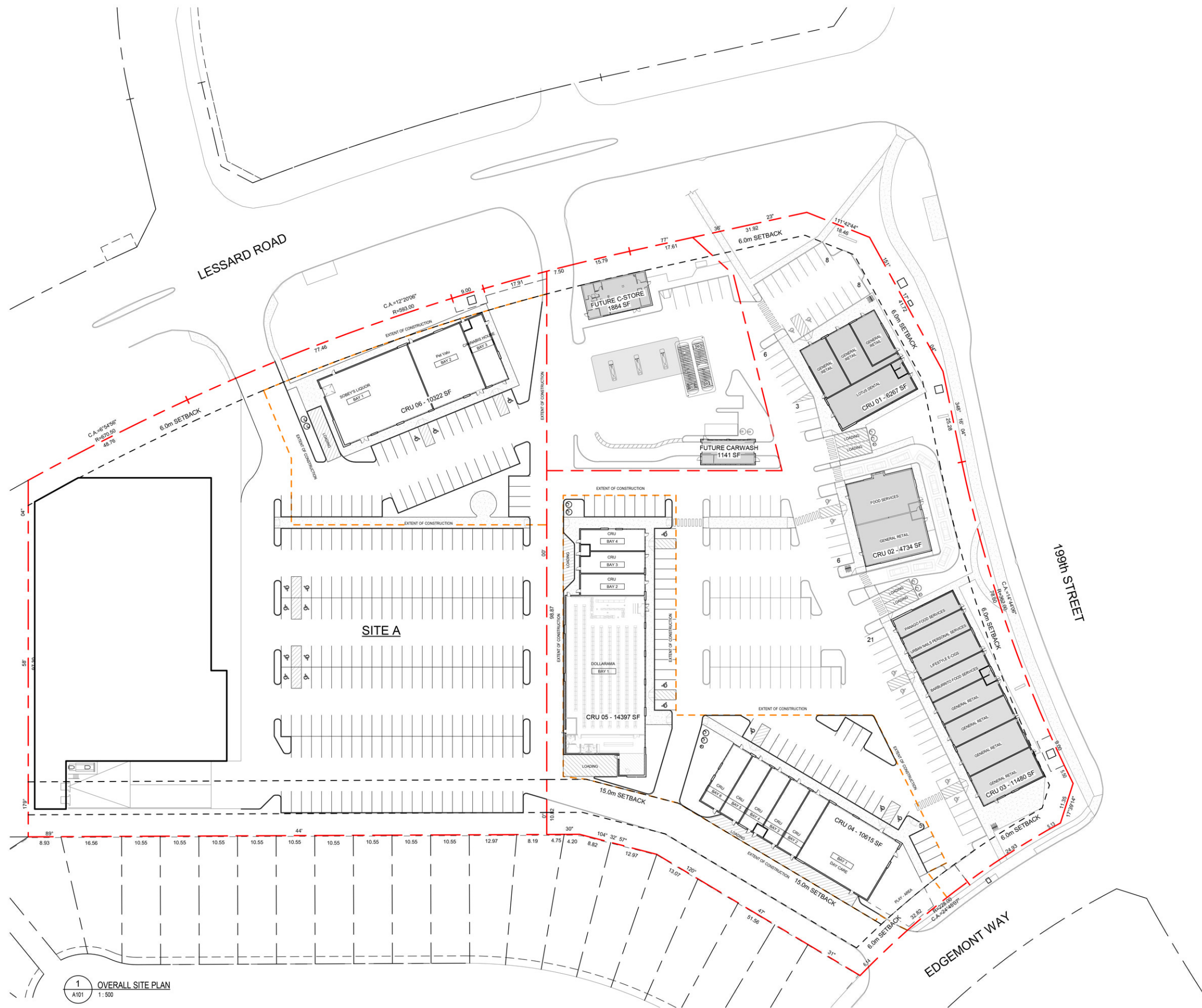
Fall 2022 . supervised by Jonah Trozduk

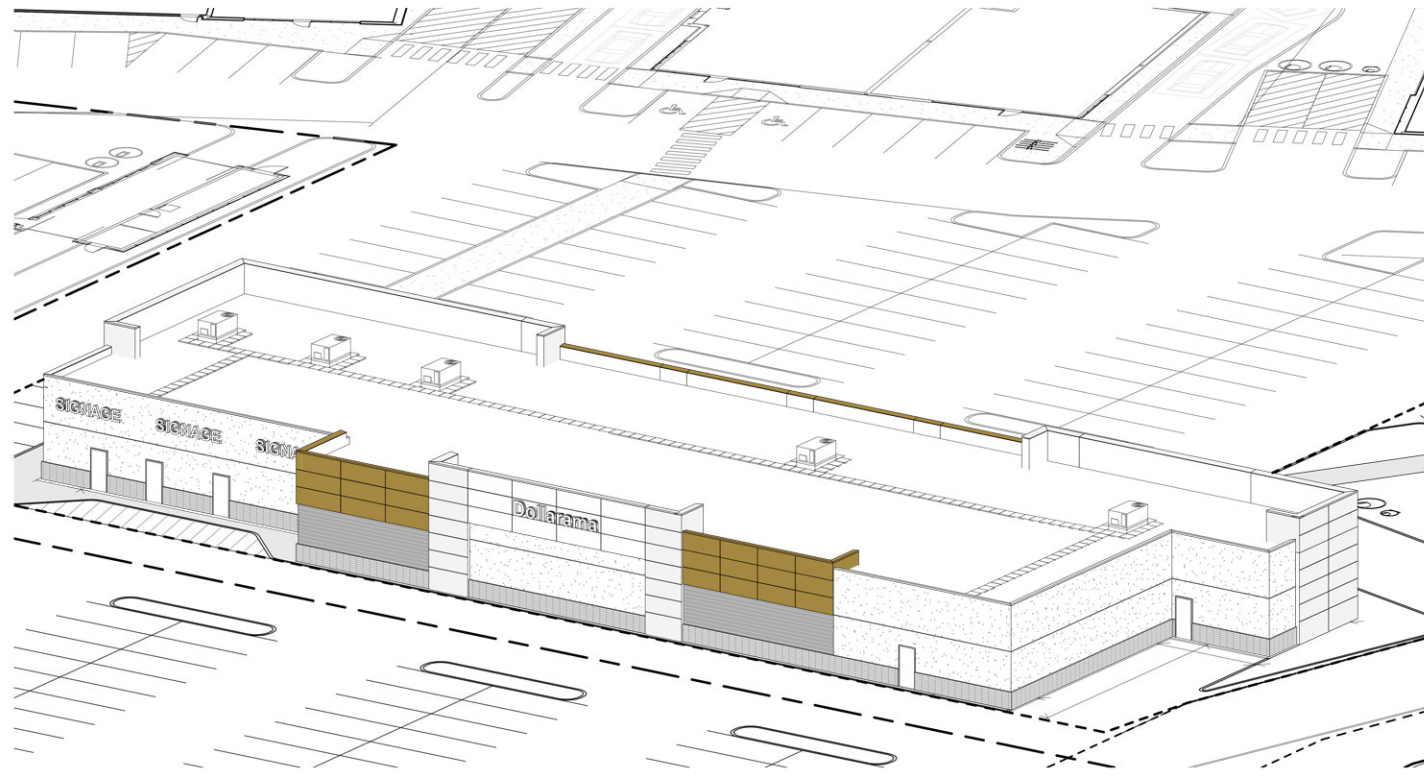
Edmonton, AB

Retail buildings iv, v, vi designed as an addition to the phase 1 of the commercial complex integrating the existing site functions and aesthetics.

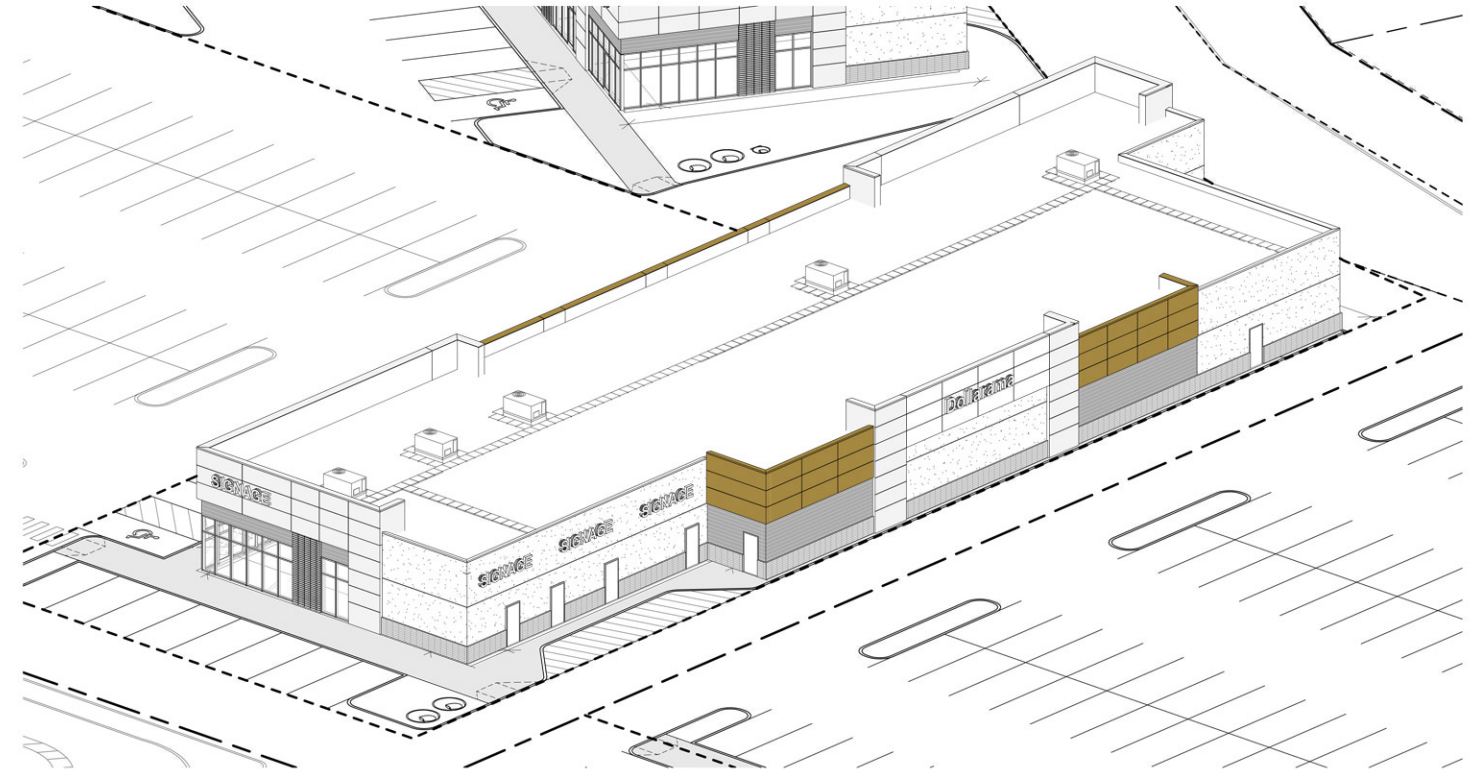
Explorations ranged from site planning, building layouts, circulation, pedestrian connections and patio spaces.

Role. site planning, schematic design, 3d modelling and visualizations, application for the development permit, co-ordinating with consultants, assisting the team in design development and construction document phases.





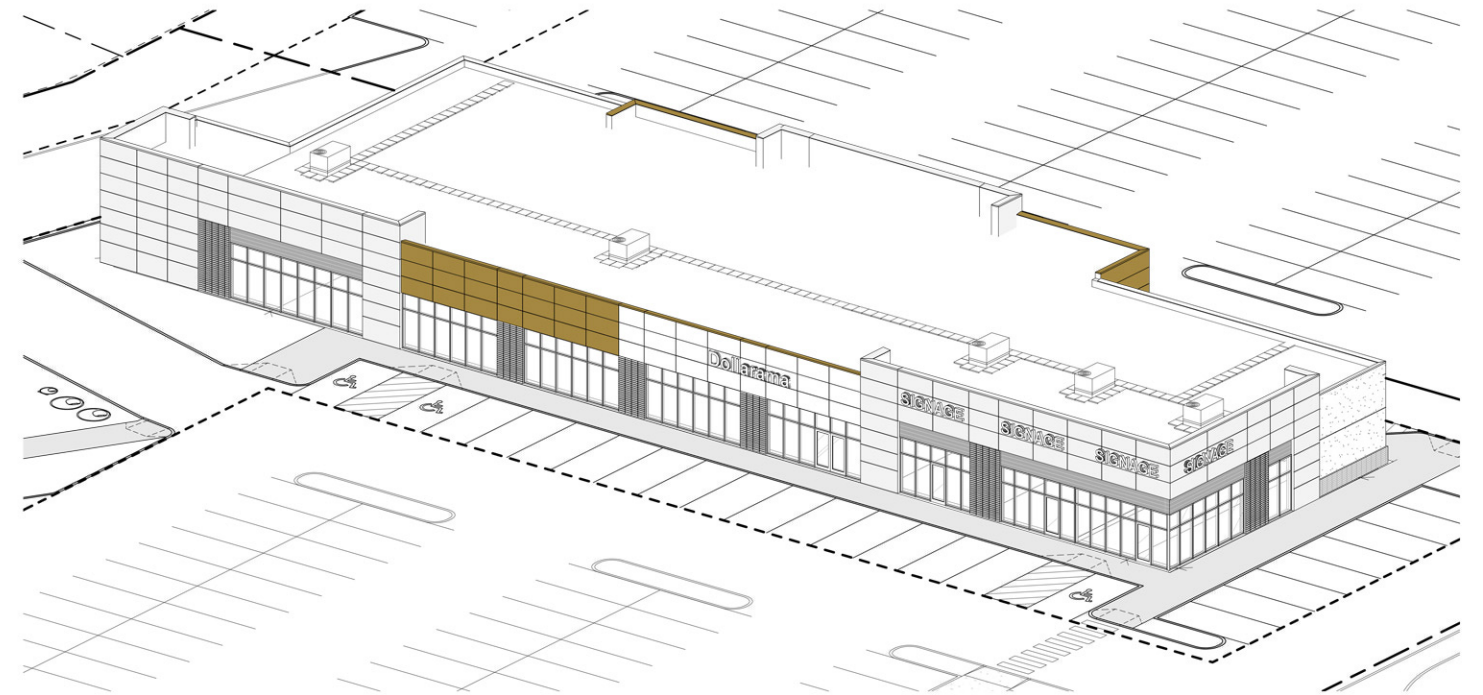
1 3D View CRU 05_View 1
A103



2 3D View CRU 05_View 2
A103



4 3D View CRU 05_View 4
A103



3 3D View CRU 05_View 3
A103





Office spaces

ADDITION . COMMERCIAL

Fall 2022 . supervised by Jonah Trotzuk

Cochrane, AB

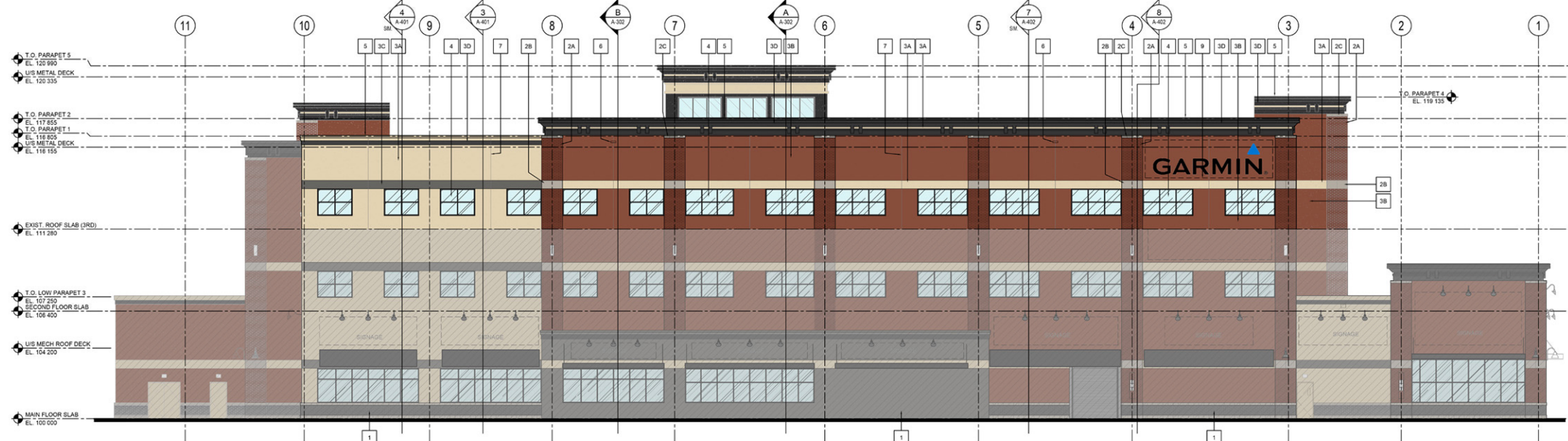
Located in the heart of historic downtown of the city, this building is an addition to the phase 1 of the project consisting retail and office spaces. This expansion brings in more office spaces and a feature gallery cafeteria with careful intergration to the existing functions. Explorations ranged from addition of floors, design elements to enhance western heritage and revitalize the historic downtown core, naturally ventilating the staircase and lobby spaces, feature staircase, gallery atrium with a cafeteria and dining spaces.

Role. schematic design, 3d modelling and visualizations, application for the development permit, co-ordinating with consultants, assisting the team in design development and construction document phases.



1 (PROJECT) SOUTH ELEVATION
A-301 SCALE: 1:100

ELEVATION KEYNOTE LEGEND	
DESCRIPTION	
1	EXISTING CONSTRUCTION TO REMAIN - CONFIRM EXACT CONDITIONS & DIMENSIONS ON SITE - TYP
2A	BRICK MASONRY VENEER MANUFACTURER: INTERSTATE BRICK SIZE: TO MATCH EXISTING - CONFIRM ON SITE COLOURING: BURNING BOND COLOUR: MOUNTAIN RED SECTION: TBC COLOUR SAMPLES TO BE PROVIDED FOR APPROVAL
2B	MASONRY STONE ACCENT BAND MANUFACTURER: SHKULDEE DESIGNER STONE SIZE: TO MATCH EXISTING - CONFIRM ON SITE COLOURING: TO MATCH EXISTING COLOUR: SWAIN TEXTURE: TAPESTRY COLOUR SAMPLES TO BE PROVIDED FOR APPROVAL
2C	MASONRY STONE CAP FINIS MANUFACTURER: SHKULDEE DESIGNER STONE SIZE: TO MATCH EXISTING - CONFIRM ON SITE COLOURING: TO MATCH EXISTING COLOUR: SWAIN TEXTURE: TAPESTRY COLOUR SAMPLES TO BE PROVIDED FOR APPROVAL
3A	EPF 8 STUDIO SYSTEM COLOUR: LIGHT BEIGE - TO MATCH EXISTING COLOUR SAMPLES TO BE PROVIDED FOR APPROVAL
3B	EPF 8 STUDIO SYSTEM COLOUR: COPPER - TO MATCH EXISTING COLOUR SAMPLES TO BE PROVIDED FOR APPROVAL
3C	EPF 8 STUDIO SYSTEM COLOUR: CHAMBRIC - TO MATCH EXISTING COLOUR SAMPLES TO BE PROVIDED FOR APPROVAL
3D	EPF 8 STUDIO SYSTEM COLOUR: BLACK - TO MATCH EXISTING COLOUR SAMPLES TO BE PROVIDED FOR APPROVAL
4	ANODIZED ALUMINUM CURTAIN WALL SYSTEM ON DOUBLE GLAZED INSULATED UNITS - TO MATCH EXISTING SYSTEM - CONFIRM ON SITE COLOUR: BLACK ANODIZED
5	PREFINISHED METAL CAP FLASHING COLOUR TO MATCH ADJACENT WALL COLOURS SEAMING COLOUR SAMPLES TO BE PROVIDED TO ARCHITECT FOR FINAL APPROVAL
6	PREFINISHED METAL ROOF OVERFLOW SCUPPER - COLOUR TO MATCH ADJACENT WALL FINISH
7	STUCCO V-GROOVE REVEAL TO MATCH EXISTING - TYP
8	MECHANICAL EXHAUST/INTAKE LOUVER - REFER TO MECHANICAL DRAWINGS
9	RELOCATED DRAINAGE COORDINATE PLYWOOD BACKING REQUIREMENTS w/ OWNER REFER TO ELECTRICAL DRAWINGS



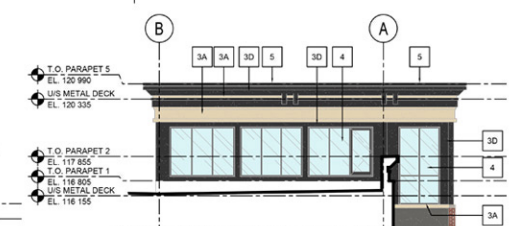
2 (PROJECT) NORTH ELEVATION
A-301 SCALE: 1:100



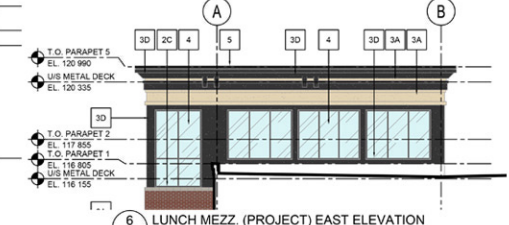
3 (PROJECT) WEST ELEVATION
A-301 SCALE: 1:100



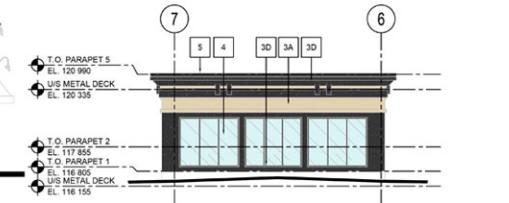
4 (PROJECT) EAST ELEVATION
A-301 SCALE: 1:100



5 LUNCH MEZZ. (PROJECT) WEST ELEVATION
A-301 SCALE: 1:100

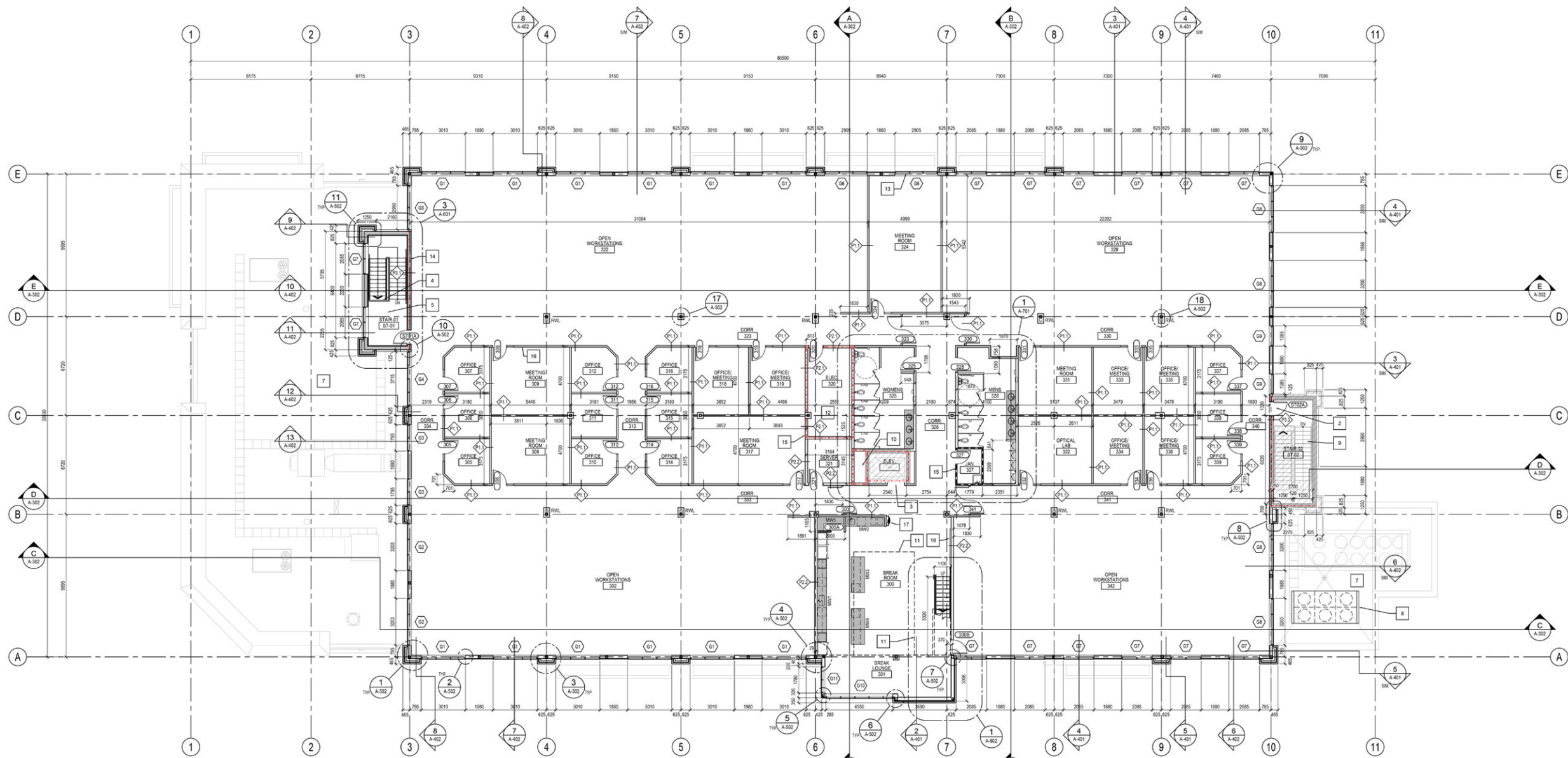


6 LUNCH MEZZ. (PROJECT) EAST ELEVATION
A-301 SCALE: 1:100



7 LUNCH MEZZ. (PROJECT) NORTH ELEVATION
A-301 SCALE: 1:100








1 THIRD FLOOR PLAN
 A-502 SCALE: 1/8" = 1'-0"

KEYNOTE LEGEND	
DESCRIPTION	
1	NOT USED.
2	EXISTING DOOR TO BE REMOVED. ROUGH OPENING TO BE MODIFIED SO BILL IS AT SAME LEVEL AS 3RD FLOOR (EXISTING ROOF SLAB).
3	NOT USED.
4	EXISTING CONCRETE SLAB EXTENDS OVER FULL LENGTH OF STAIR SHAFT. REVIEW ON SITE. EXISTING CONCRETE SLAB TO BE MODIFIED TO CREATE LANDING TO SUIT NEW STAIRS - REFER TO STAIR SECTIONS ABOVE. REFER TO STRUCTURAL DRAWINGS.
5	PROVIDE 2" CONCRETE TOPPING ON NEW LANDING TO MATCH ELEVATION OF RAISED FLOOR SYSTEM IN ADJACENT FLOOR AREA.
6	RAIN WATER LEADER (RWL) - REFER TO MECHANICAL DRAWINGS.
7	ROOF OF EXISTING BUILDING BELOW.
8	ROOF TOP MECHANICAL EQUIPMENT (M/E) PREMANUFACTURED CURB - COORDINATE OPENINGS W/ MECHANICAL & STRUCTURAL. PROVIDE ROOF CONCRETE AROUND CURB TO PROMOTE WATER DRAINAGE.
9	EXISTING STAIRWELL TO REMAIN. NEW TILE FLOORING ON STAIRS FROM LEVEL 2 TO LEVEL 3. REFER TO FISH PLANS.
10	NEW FIRE RATED SHAFT - COORDINATE PENETRATIONS THROUGH FLOOR W/ STRUCTURAL, MECHANICAL, & ELECTRICAL.
11	DASHED LINE INDICATES EXTENT OF MEZZANINE & STAIRS ABOVE. REFER TO SHEET A-502.
12	NEW ELECTRICAL EQUIPMENT - REFER TO STRUCTURAL & ELECTRICAL DRAWINGS. REINFORCING OF STRUCTURE REQUIRED BELOW. G.C. TO COORDINATE PROTECTION OF EXISTING EQUIPMENT.
13	MOTORIZED ROLLER SHADE - CONFIRM SPEC OF EXISTING. REFER TO ELECTRICAL.
14	EXTEND EXISTING CONCRETE STAIR SHAFT UP TO THIRD FLOOR - REFER TO SHEET A-502. REFER TO STRUCTURAL DRAWINGS.
15	ALL RATED PARTITIONS TO BE BUILT ON TOP OF EXISTING CONCRETE FLOOR SLAB TO MAINTAIN CONTINUITY OF FIRE RATING. RAISED FLOOR SYSTEM TO ABUT SIDES OF PARTITION AT BASE OF WALL.
16	NOT USED.
17	WATTLE FILLER - REFER TO MECHANICAL & ELECTRICAL DRAWINGS.
18	RECLAIMED WOOD & MOSS PANEL FEATURE WALL - REFER TO ELEVATION DETAIL 3A73.



skylight & atrium

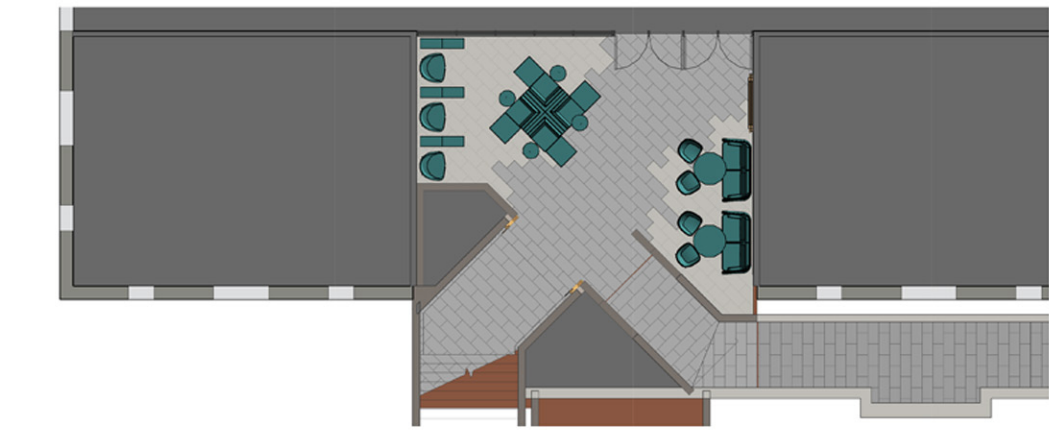
in a
UNIVERSITY CAMPUS . EDUCATIONAL

Winter 2022 . supervised by Ian Evans & Lisa Hering

Edmonton

The Atrium between two existing University buildings occupies a prime location on the campus and serves as an important connection point along many significant pedestrian paths of travel. It is observed to be a popular study zone and gathering place for students and staff alike. Initiated by the need to replace the leaking skylight, the design vision has evolved into a masterplan design, with thoughtful and intentional future planning built into this first phase decision making. The design intent is to revitalize the atrium and enhance the experience by fostering more intimate, comfortable furniture groupings, refresh interiors to encourage people to linger, create student centered multi-purpose space, upgrade the glazing and redesign the skylight to improve thermal performance.

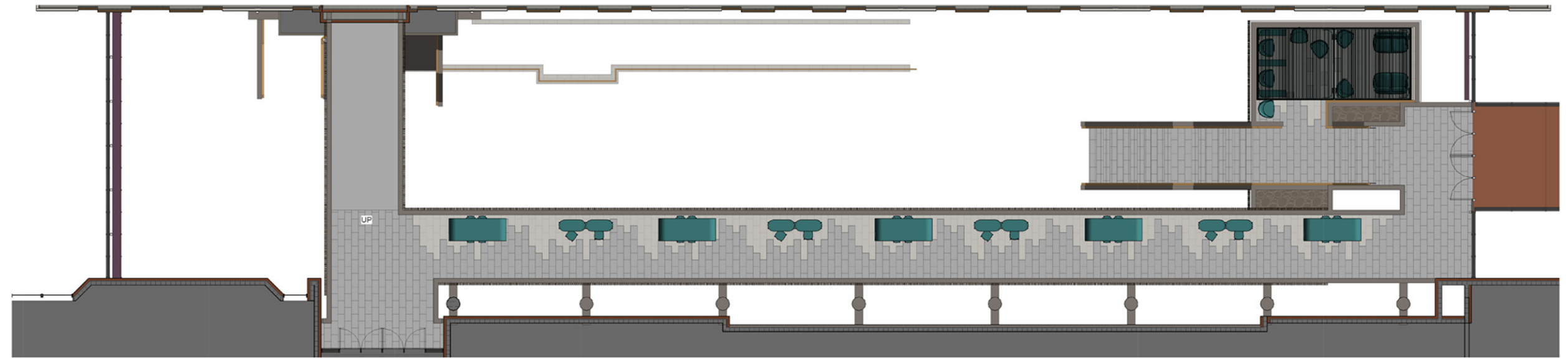
Role. site analysis and planning, design development, 3d modelling and visualizations, co-ordinating with consultants, assisting the team in construction document phases.



3 LOWER LEVEL



1 GROUND LEVEL



2 UPPER LEVEL





Thank you