

ARCHITECTURAL SHEET LIST

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2022.03.01	1	Issued for DP
DATE	REV	DESCRIPTION

FOOD + BEVERAGE INNOVATION CENTRE

DEVELOPMENT PERMIT

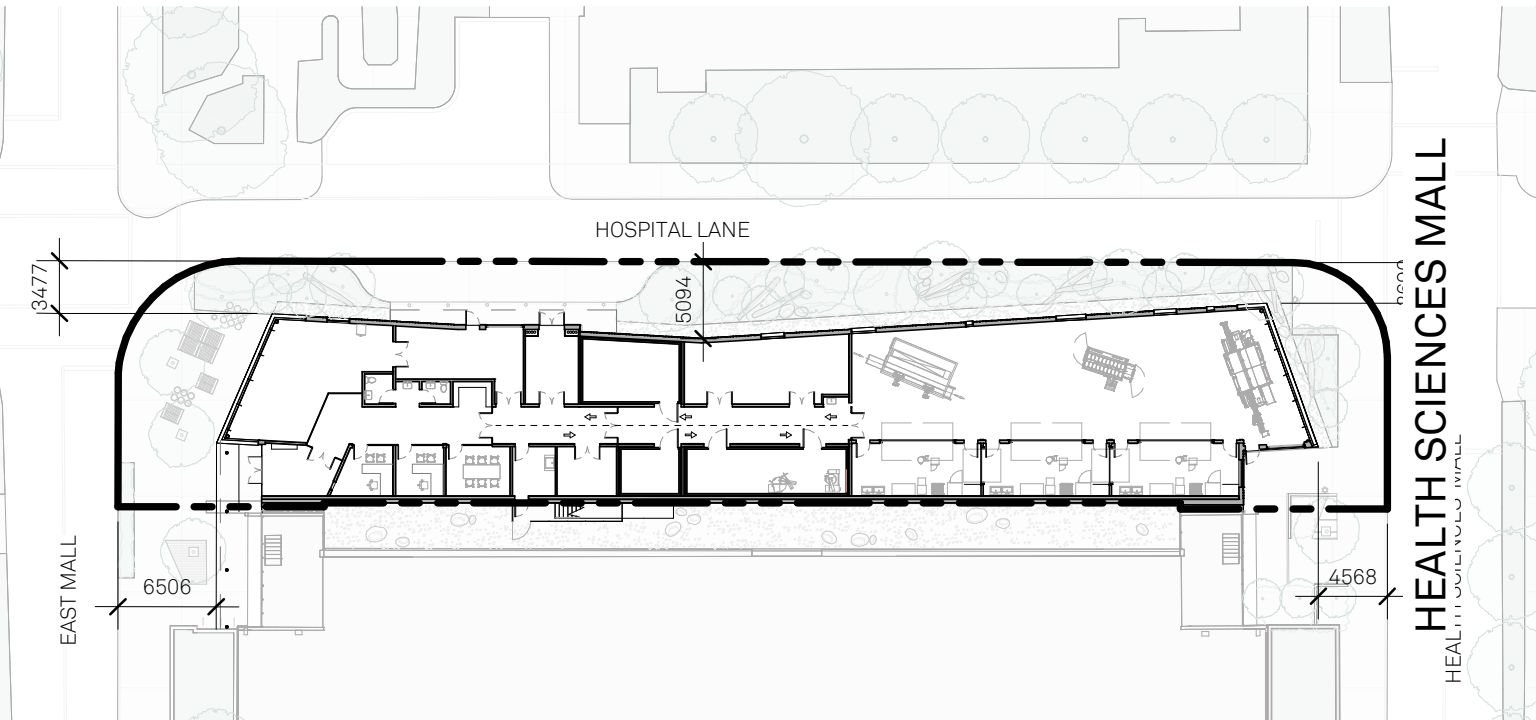
UBC Properties Trust

HS0077

SITE

Total Site Area	1,327.9 m²
Building Area	843.0 m²
Site Coverage	64%

SETBACKS



BUILDING

Building Height	7.5m
Parking Spaces	0
Loading Spaces	1

Building height measured from ground floor level to highest point on roof

AREA

Level	Total Area	Exclusions	Wall Thickness	Gross Area
Level 1	818.0 m²	51.0 m²	23.5 m²	743.5 m²
Level 2	153.0 m²	147.0 m²	3.3 m²	0.0 m²
Total	971.0 m²	198.0 m²	26.8 m²	743.5 m²

Floor Space Ratio
0.56

BIKE PARKING

Short Term Bike Parking	
Required	Proposed
30	6
The building is limited to 25 occupants	

Long Term Bike Parking	
Required	Proposed
4	0
Long term parking and end of trip facilities are provided in the nearby FNH building that will be accessible to users of FBIC	

VARIANCES

Short term bicycle parking
A variance is requested in the number of short term bicycle parking stalls.

Long term bicycle parking
A variance is requested in the number of long term bicycle parking stalls, long term bicycle parking is provided in the FNH building which is accessible to the users of FBIC

End of Trip Facilities
A variance is requested in the number of end of trip facilities, existing facilities are located in the FNH building which is accessible to the users of FBIC



01 SCHOOL OF POPULATION AND PUBLIC HEALTH Loading Dock, looking North



02 FBIC SITE + HOSPITAL LANE Looking West from Health Sciences Mall



03 WOODWARD INSTRUCTIONAL RESOURCES CENTRE Southwest Corner, looking Northeast



04 BIOMEDICAL RESEARCH CENTRE Northwest Corner, looking Southeast



05 FBIC SITE Northeast Corner, looking South



06 HEALTH SCIENCES MALL Looking Southeast



07 EAST MALL Looking North towards FBIC Site



08 FBIC SITE Looking North from CEME Laboratory



09 FBIC SITE West side, looking East



10 FBIC SITE West Corner, looking East from FNH



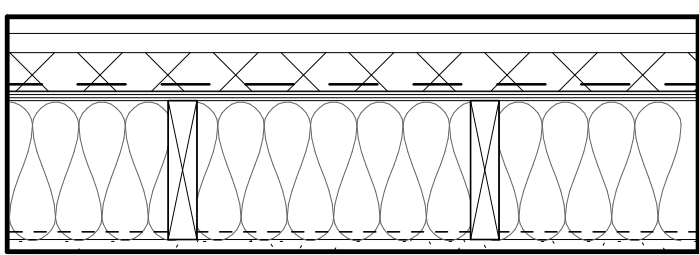
11 FOOD, NUTRITION, AND HEALTH EXTENSION Southwest Corner, looking Northeast



12 CENTRAL CONNECTOR Pathway Connection to Beatty, looking Northwest



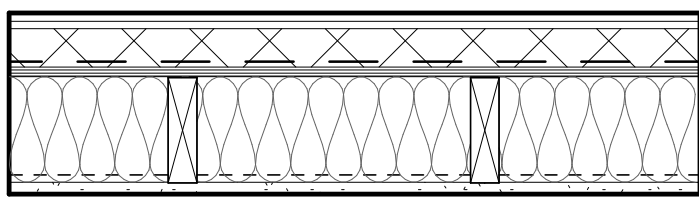
EXTERIOR WALL ASSEMBLIES



X1

ASHRAE Min. x
Proposed x
x

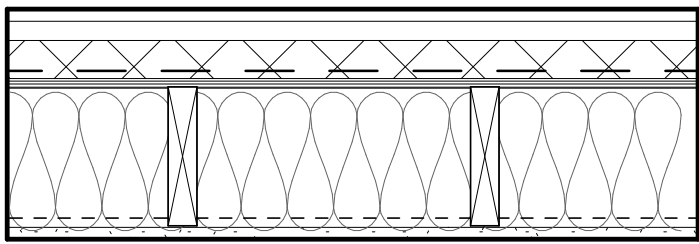
X1 - Corrugated Metal on 2"x8" Wood Stud Wall.
7/8" Corrugated Metal Siding.
1" Air Space
2" Semi Rigid Insulation (R-8)
Vapour Open Self-Adhesive Membrane (A/B)
1/2" Plywood Sheathing
2x8" Wood Stud @ 16" O.C.
Cavity Batt Insulation (R-14)
6 Mil Poly (V/B)
5/8" Type X GWB



X2

ASHRAE Min. x
Proposed x
x

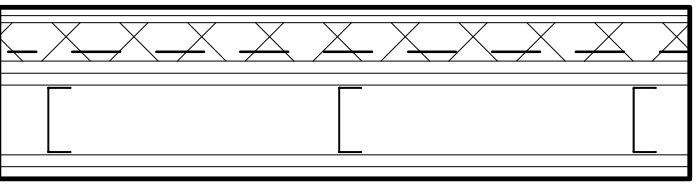
X2 - Fibre Cement on 2"x8" Wood Stud Wall
5/8" Fibre Cement Panel
1" Air Space
2" Semi Rigid Insulation (R-12)
Vapour Open Self-Adhesive Membrane (A/B)
1/2" Plywood Sheathing
2x8" Wood Stud @ 16" O.C.
Cavity Batt Insulation (R-14)
6 Mil Poly (V/B)
5/8" Type X GWB



X3

ASHRAE Min. x
Proposed x
x

X3 - Fibre Cement on 2"x8" Wood Stud Wall
5/8" Fibre Cement Panel
1" Air Space
2" Semi Rigid Insulation (R-8)
Vapour Open Self-Adhesive Membrane (A/B)
1/2" Plywood Sheathing
2x8" Wood Stud @ 16" O.C.
Cavity Batt Insulation (R-14)
6 Mil Poly (V/B)
5/8" Type X GWB

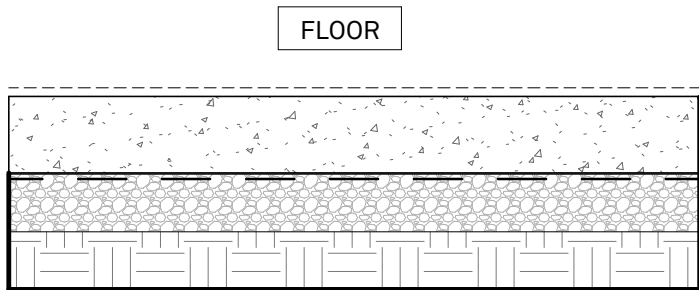


X4

ASHRAE Min. x
Proposed x
2hr Rated Wall

X4 - Fibre Cement on 2"x4" Steel Stud 2hr Fire Rated Wall
5/8" Fibre Cement Panel
1" Air Space
2" Semi Rigid Insulation (R-8)
Vapour Open Self-Adhesive Membrane (A/B)
2 Layers 5/8" Type X GWB or Fire rated exterior Sheathing
92mm Steel Stud @ 600 oc.
2 Layers 5/8" Type X GWB

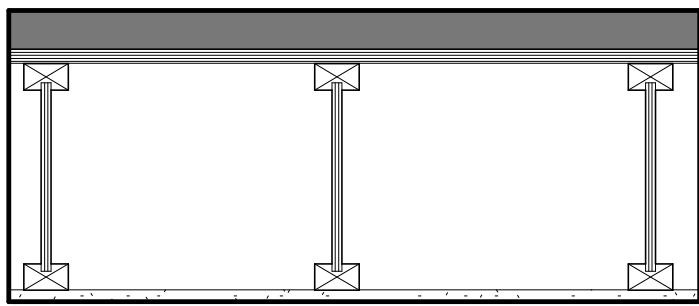
FLOOR ASSEMBLIES



FL1

FR

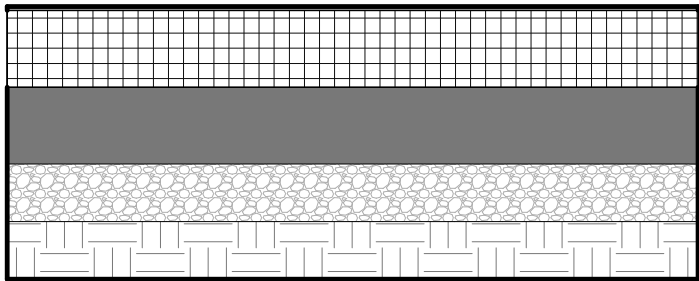
FL1 - Slab On Grade
Traffic Clear Breathable Sealer on Concrete
Concrete Slab On Grade - See Struct.
Polyethylene Vapour Barrier
150 mm Thick Fill, 19 mm Clear Crushed Gravel



FL2

FR
STC

FL2 - Wood Joist Mezzanine
Traffic Clear Breathable Sealer on Concrete
50mm Concrete Topping
MAT
3/4" Plywood
300mm TGI Joist at 400 OC.
1/2" GWB

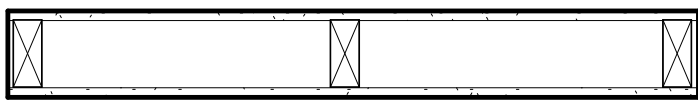


FL3

FR

FL3 - Walk In Cooler / Freezer Floor Slab on Grade
26 Gauge Galvanized Steel
4" Rigid Insulation
26 Gauge Galvanized Steel
Concrete Slab On Grade - See Struct.
Polyethylene Vapour Barrier
150 mm Thick Fill, 19 mm Clear Crushed Gravel

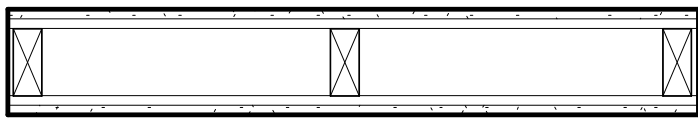
INTERIOR PARTITION ASSEMBLIES



P1

FR

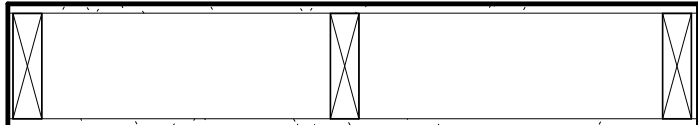
P1 - 2"x4" Partition Wall
1/2" GWB
2"x4" Wood Studs @ 16" O.C.
1/2" GWB



P1s

FR

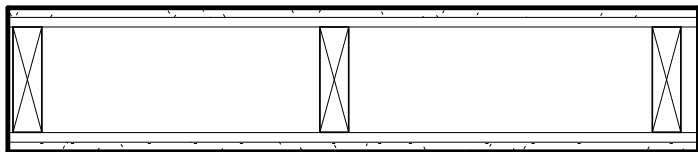
P1s - 2"x4" Shear Wall
1/2" GWB
1/2" Plywood
2"x4" Wood Studs @ 16" O.C.
1/2" Plywood
1/2" GWB



P2

FR

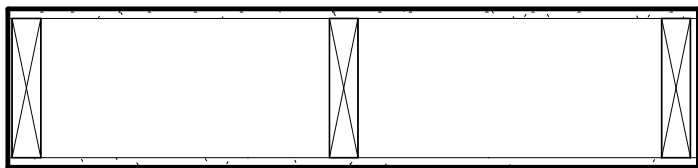
P2 - 2"x6" Partition Wall
1/2" GWB
2"x6" Wood Studs @ 16" O.C.
1/2" GWB



P2s

FR

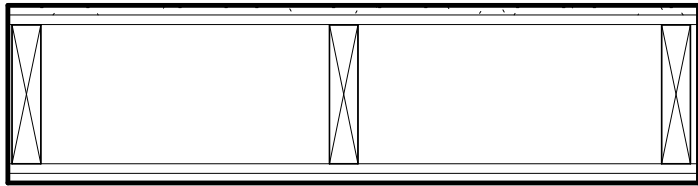
P2s - 2"x6" Shear Wall
1/2" GWB
1/2" Plywood
2"x6" Wood Studs @ 16" O.C.
1/2" Plywood
1/2" GWB



P3

FR

P3 - 2"x8" Partition Wall
1/2" GWB
2"x8" Wood Studs @ 16" O.C.
1/2" GWB



P3s

FR

P3s - 2"x8" Partition Wall Shear (Inner Parkade Wall)
1/2" GWB
1/2" Plywood
2"x8" Wood Studs @ 16" O.C.
1/2" Plywood

CURTAIN WALL AND GLASS



IG1

FR

IG1 - Interior Glass
5/8" Interior Frameless Glass

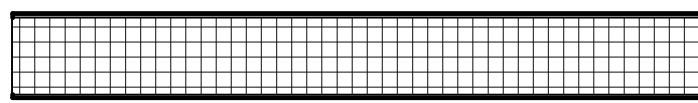


CW1

FR

CW1 - Curtain Wall
SSS Curtain Wall with 5" Back Section.

CEILING ASSEMBLIES

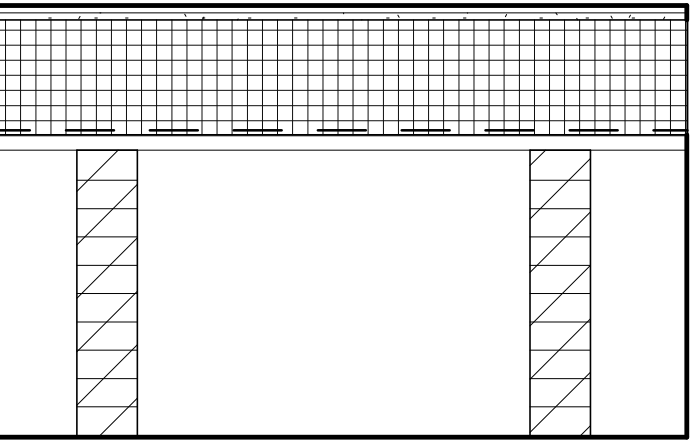


C3

FR

C3 - Walk in Ceiling
26 Gauge Galvanized Steel
4" Rigid Insulation
26 Gauge Galvanized Steel

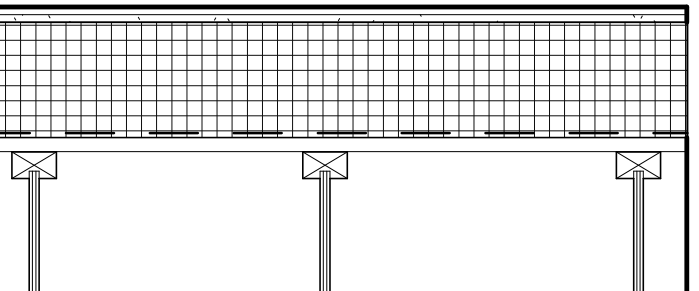
ROOF ASSEMBLIES



R1

FR

R1 - Glulam Rafters with Plywood Decking
SSS Roof
Protection Board
6" Polyiso Insulation
Membrane
3/4" Good One Side (down) Plywood
80x380mm Glulam Rafters at 600 OC

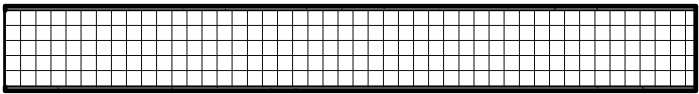


R2

FR

R2 - TGI Joists
SSS Roof
Protection Board
Slope Package to Drain
6" Polyiso Insulation
Membrane
3/4" Good One Side (down) Plywood
80x380mm Glulam Rafters at 600 OC

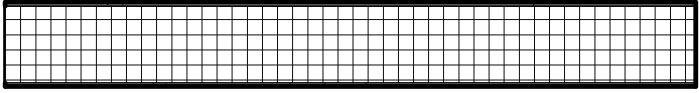
SPECIALTY ASSEMBLIES



S1

FR

S1 - Walk In Cooler Walls
26 Gauge Galvanized Steel
4" Rigid Insulation
26 Gauge Galvanized Steel

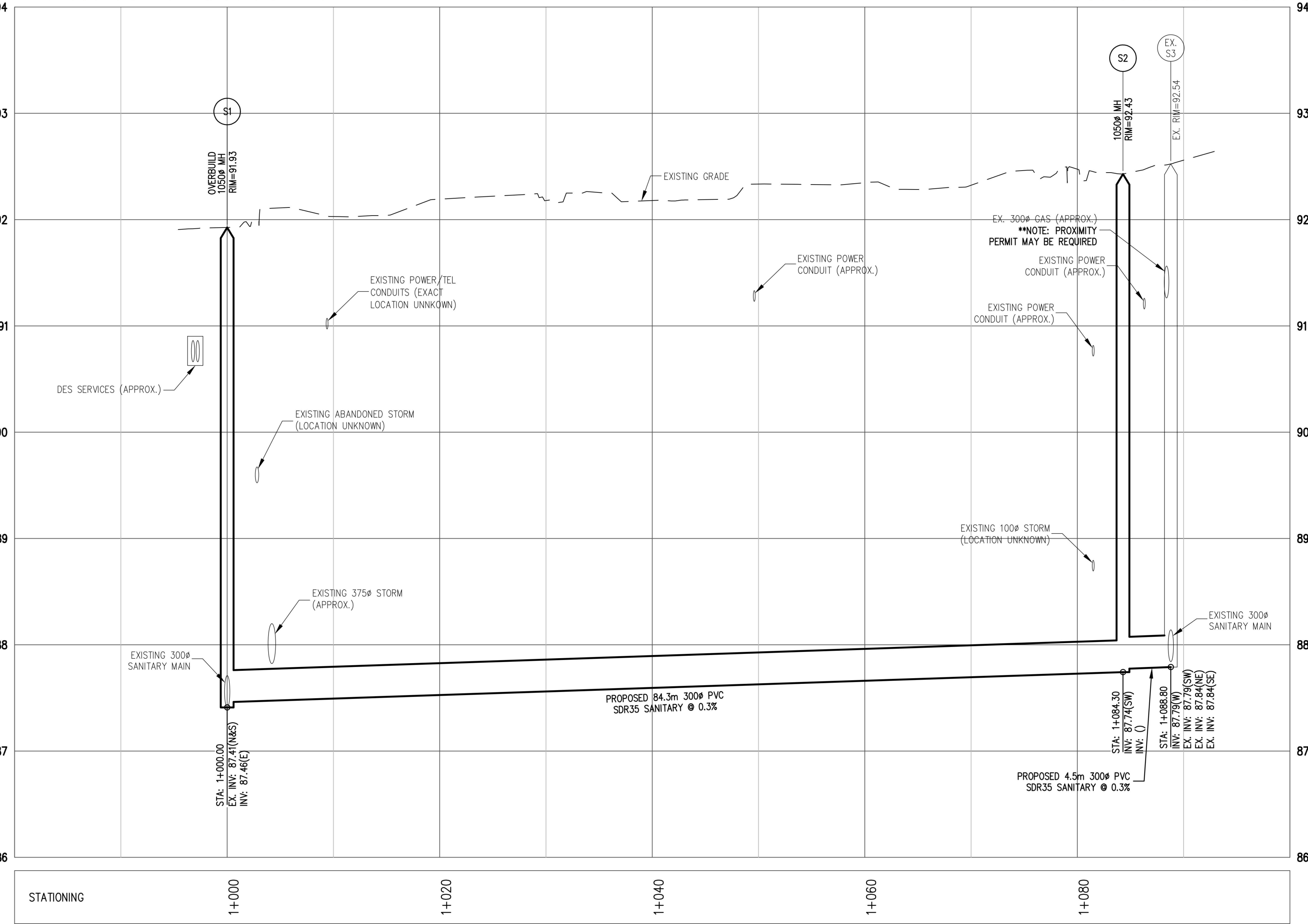
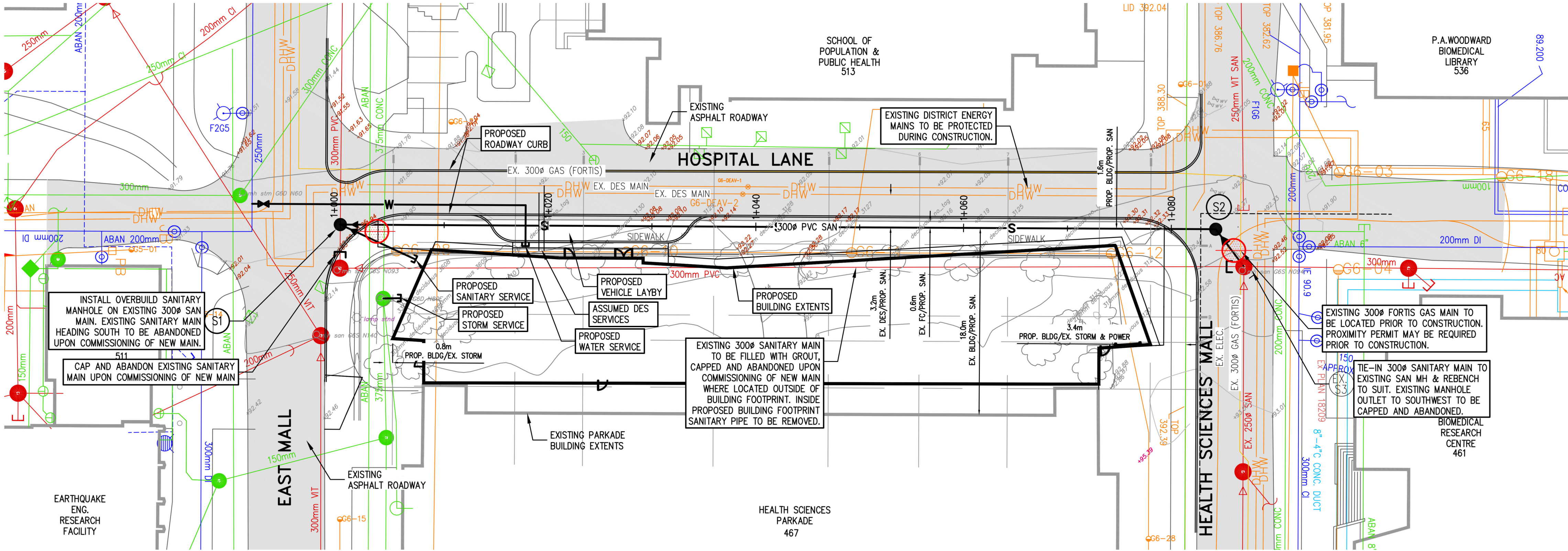


S2

FR

S2 - Walk In Freezer Walls
26 Gauge Galvanized Steel
4" Rigid Insulation
26 Gauge Galvanized Steel

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LEGEND

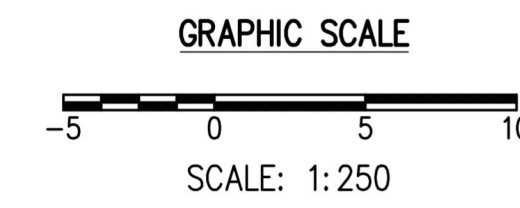
EX. WATER
EX. WATER - IRRIGATION
EX. SANITARY SEWER
EX. STORM SEWER
EX. GAS
EX. STEAM
EX. HYDRO
EX. TEL / COMM

ABND. WATER
ABND. SANITARY SEWER
ABND. STORM SEWER
ABND. GAS
ABND. STEAM
ABND. HYDRO
ABND. DHW
PROP. WATER
PROP. SANITARY SEWER
PROP. STORM SEWER

CONTRACTOR TO TEST PIT AND LOCATE EXISTING UTILITY PRIOR TO ORDERING MATERIALS AND START OF CONSTRUCTION TO DETERMINE IF CONFLICT EXISTS. IF CONFLICT EXISTS CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY.

- GENERAL NOTES:**
- CALL BC ONE-CALL 72 HOURS PRIOR TO CONSTRUCTION.
 - TOPOGRAPHIC SURVEY FOR THIS SITE PROVIDED BY APLIN & MARTIN GEOMATICS LAND SURVEYING LTD.
 - THESE DRAWINGS TO BE READ IN CONJUNCTION WITH OTHER CIVIL AND OTHER DISCIPLINE'S DRAWINGS.
 - SEE SHEET C3 FOR NOTES AND DETAILS.

NOTE:
ASBESTOS PIPE WRAP OR GRANULAR BACKFILL MAY BE PRESENT ALONG EXISTING ABANDONED STEAM TRENCH INSIDE OR OUTSIDE OF BUILDING.



INFORMATION ON EXISTING UTILITIES MAY NOT BE COMPLETE OR ACCURATE. PRIOR TO CONSTRUCTION CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING UTILITIES AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

CONTRACTOR TO CONTACT BC ONECALL 3 WORKING DAYS PRIOR TO START OF CONSTRUCTION FOR UTILITY LOCATES.

LEGAL DESCRIPTION:

BENCHMARK DATA:
ALL ELEVATIONS AND DISTANCES SHOWN ARE IN METRES. ELEVATIONS ARE DERIVED FROM UBC MONUMENT W-W, LOCATED ON EAST MALL IN FRONT OF THE CEME BUILDING (BETWEEN AGRONOMY ROAD AND UNIVERSITY BOULEVARD) GEODETIC ELEVATION = 93.631

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Permit To Practice No. 1001017 (BC)

Legend

Permit-Seal	CCC	UBC
Revision	By	Appd. YY.MM.DD
DP Submission	By	Appd. 2022.03.01
Issued	By	Appd. YY.MM.DD

Professional Seal

Client/Project

FOOD AND BEVERAGE INNOVATION CENTRE
East Mall & Hospital Lane

University of British Columbia
Vancouver BC, Canada

Title

SANITARY RELOCATION PLAN/PROFILE

Project No. 2169	Scale 1:250
Drawing No.	Sheet
	Revision



SYMBOL LEGEND	
	CATCH BASIN
	SERVICE BOX (LABELLED)
	SANITARY SEWER MANHOLE
	STORM DRAIN MANHOLE
	STREET SIGN
	DECIDUOUS TREE
	WATER VALVE
	LAMP STANDARD
	LAWN BASIN

NOTE:

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STATUTORY RIGHT OF WAY BW334934
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

ALL ELEVATIONS AND DISTANCES SHOWN ARE IN METRES.

THIS PLAN SHOWS HORIZONTAL GROUND LEVEL DISTANCES
UNLESS OTHERWISE SPECIFIED. TO COMPUTE GRID DISTANCES,
MULTIPLY GROUND LEVEL DISTANCES BY THE COMBINED
FACTOR OF 0.9999523.

LEGAL BOUNDARIES ARE BASED ON LAND TITLE OFFICE RECORDS
AND FIELD SURVEY, AND SUBJECT TO CHANGE.

ELEVATIONS ARE DERIVED FROM UBC MONUMENT W-W, LOCATED
ON EAST MALL IN FRONT OF THE CEME BUILDING (BETWEEN
AGRONOMY ROAD AND UNIVERSITY BOULEVARD)
GEODETIC ELEVATION = 93.631

CONTOUR INTERVAL = 0.25 METRES

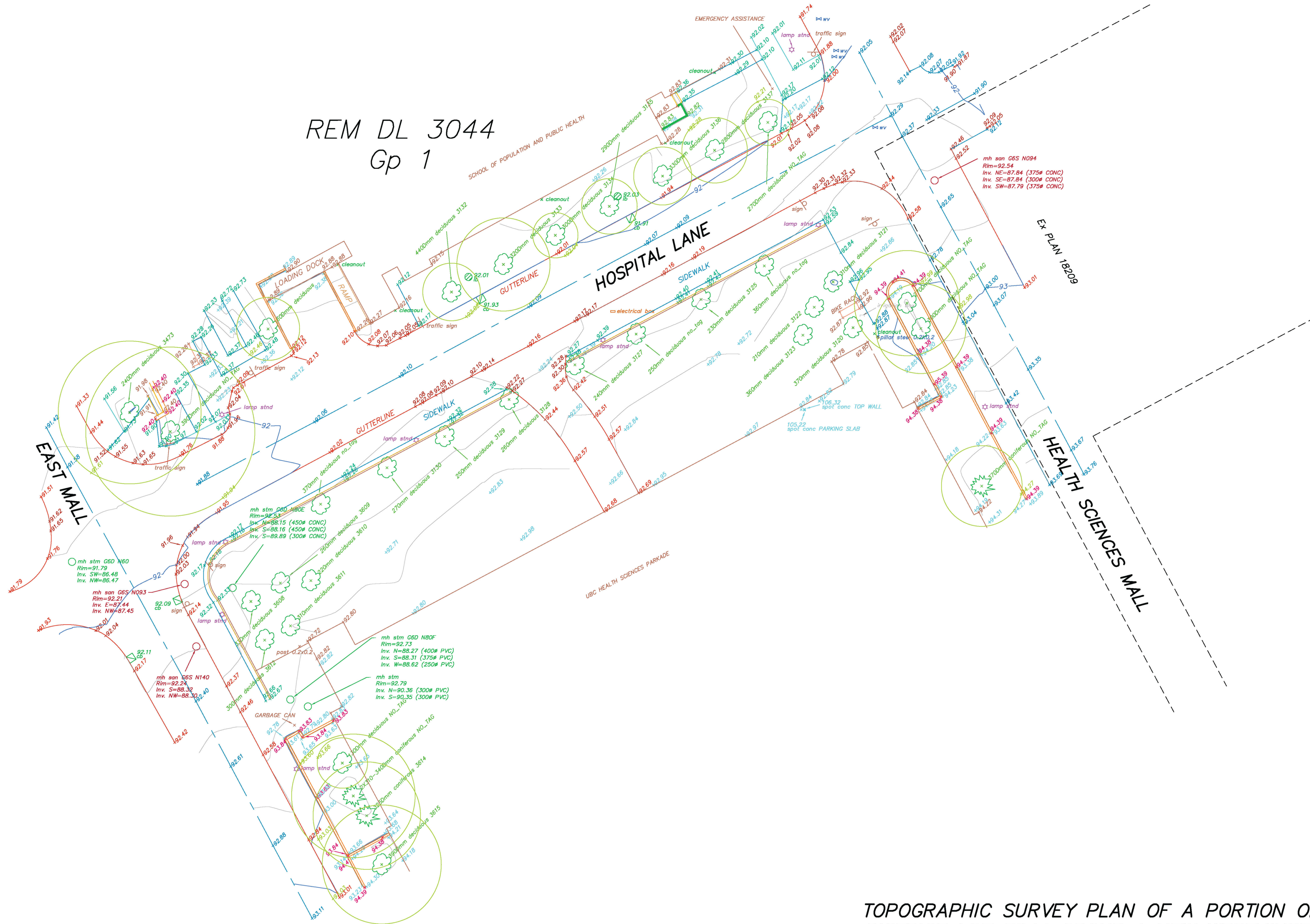
THIS PLAN SHOWS THE LOCATION OF VISIBLE FEATURES ONLY, AND DOES
NOT INDICATE BURIED SERVICES THAT MAY EXIST ON OR AROUND THE
SUBJECT SITE.

TREE SPECIES AND DIMENSIONS TO BE CONFIRMED BY A QUALIFIED
ARBORIST. TREE SYMBOLS ARE NOT AN INDICATION OF DRIP LINE LOCATION
UNLESS SPECIFICALLY LABELLED.

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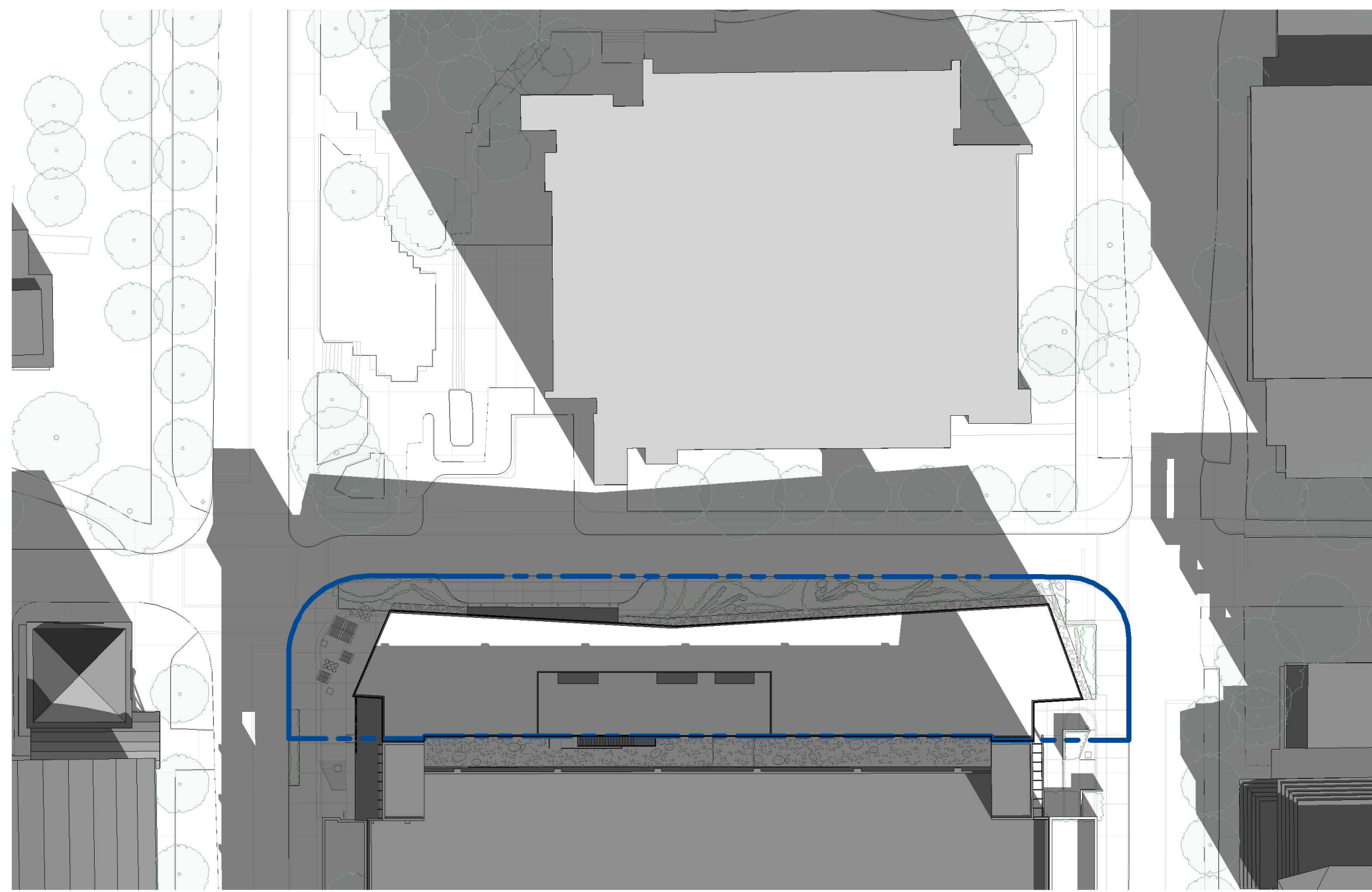
TOPOGRAPHIC SURVEY PLAN OF A PORTION OF
DISTRICT LOT 3044 GROUP 1 NEW WESTMINSTER DISTRICT EXCEPT
FIRSTLY; PART ON PLAN 6147
SECONDLY; PART ON PLAN 9301
THIRDLY; PART ON PLAN BCP6556
FOURTHLY; PART ON PLAN BCP23719

SURVEY UPDATE: FEBRUARY 10, 2022
FIELD SURVEY: OCTOBER 12, 2021
FILE 8613JZ-01

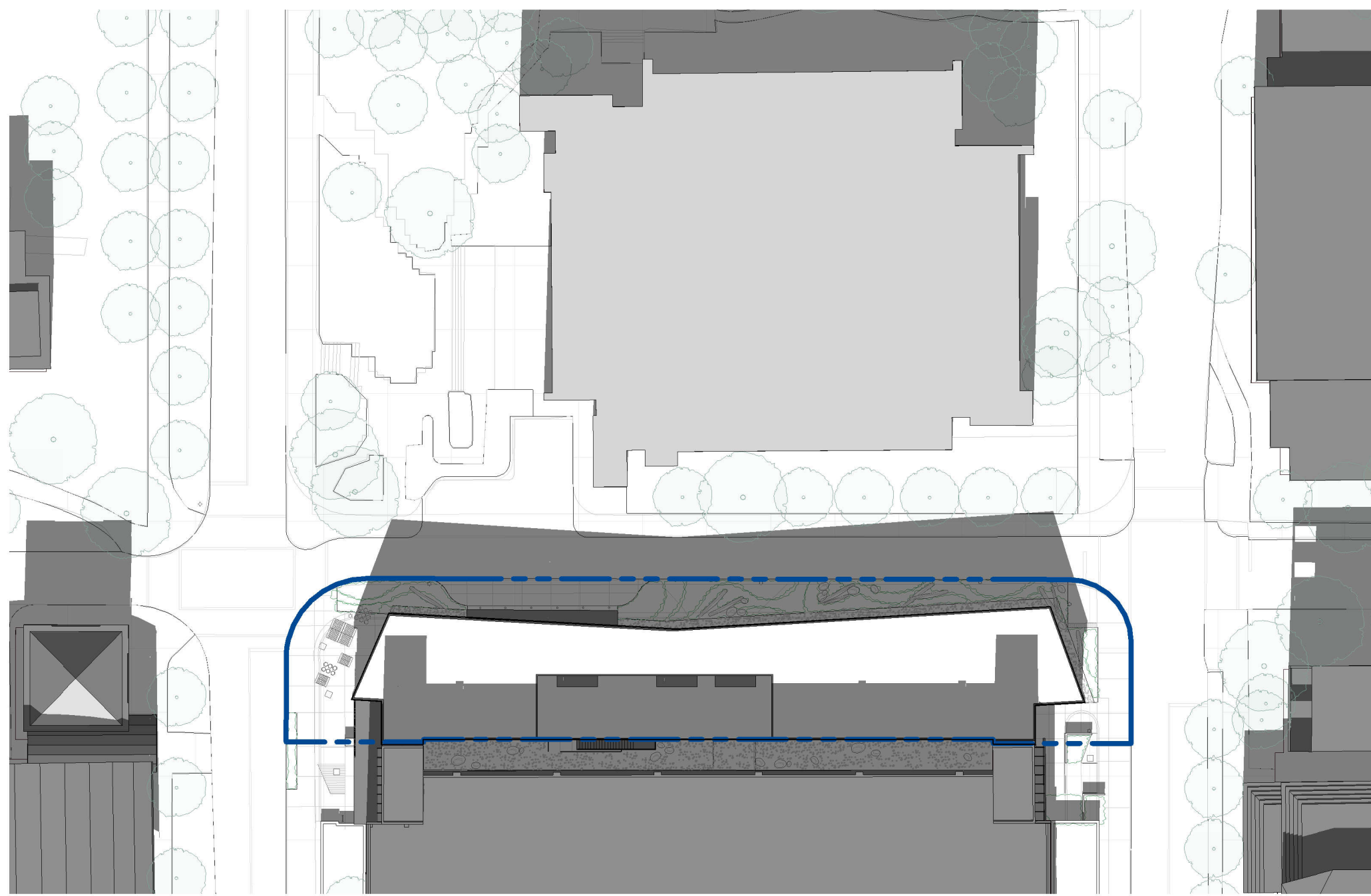
FOOD + BEVERAGE INNOVATION CENTRE
UBC Properties Trust
HS0077

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DATE REV DESCRIPTION

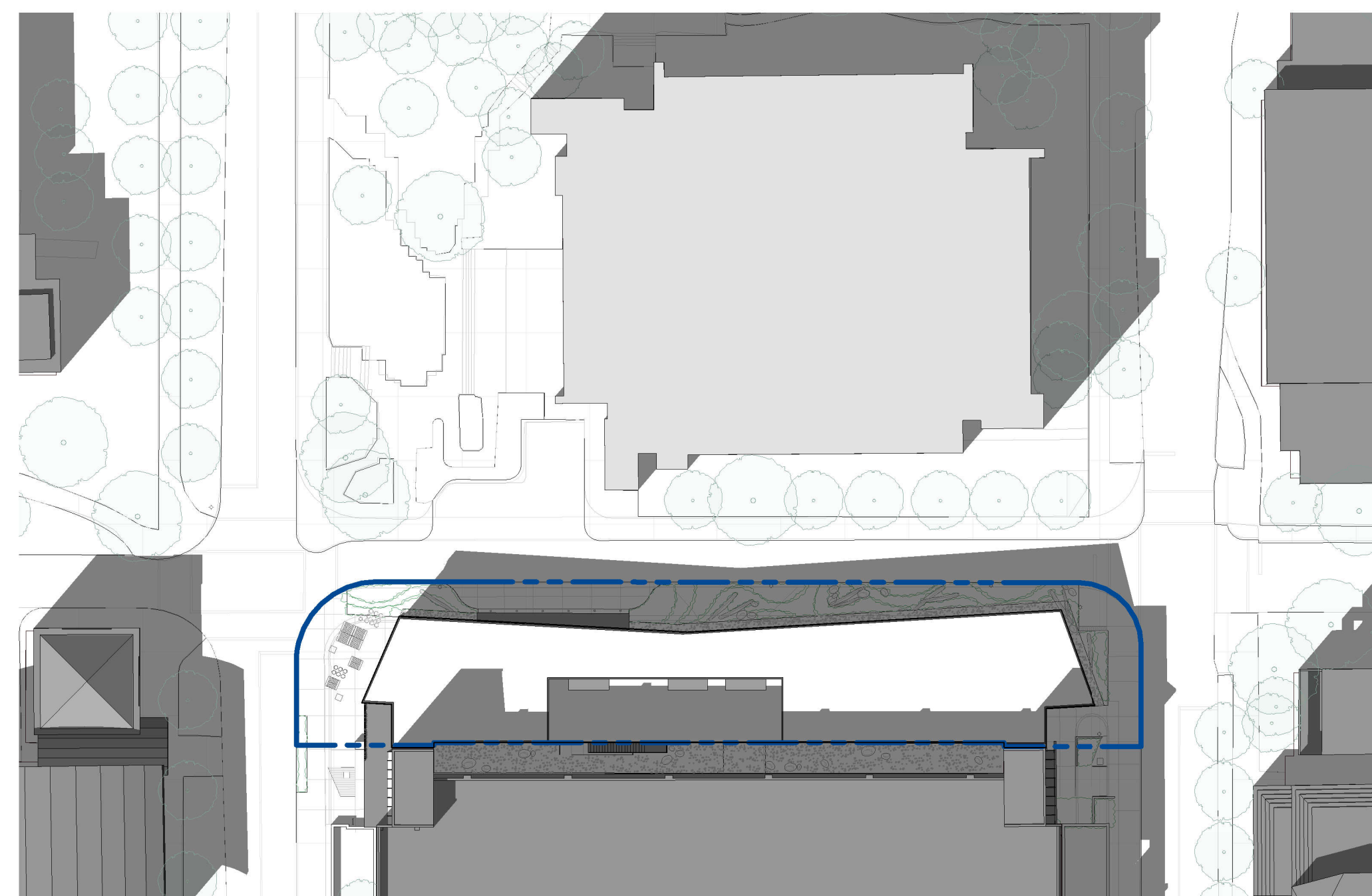
A102
Survey Plan



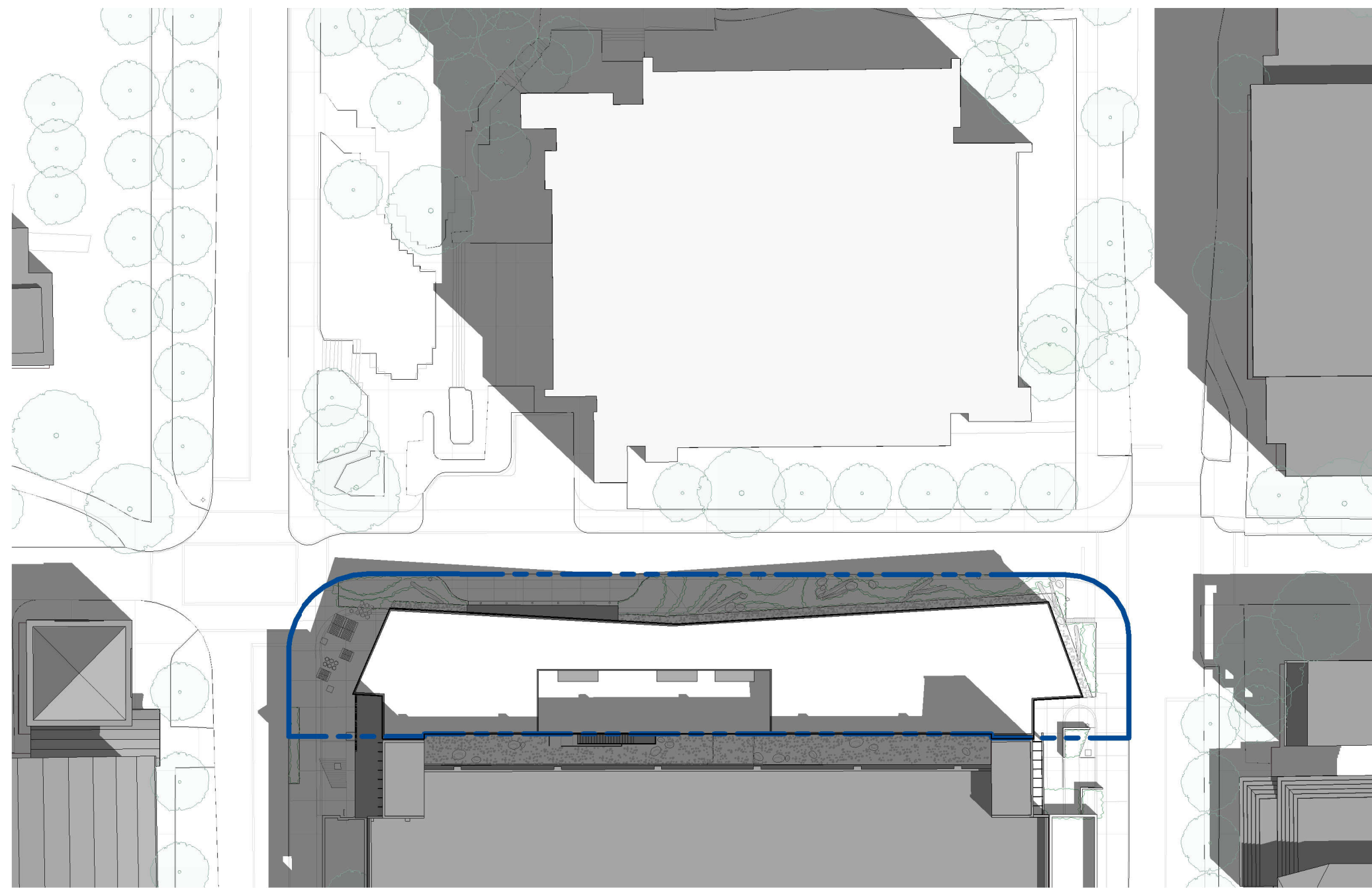
1 Spring Equinox - 10:00 AM
A103 1:500



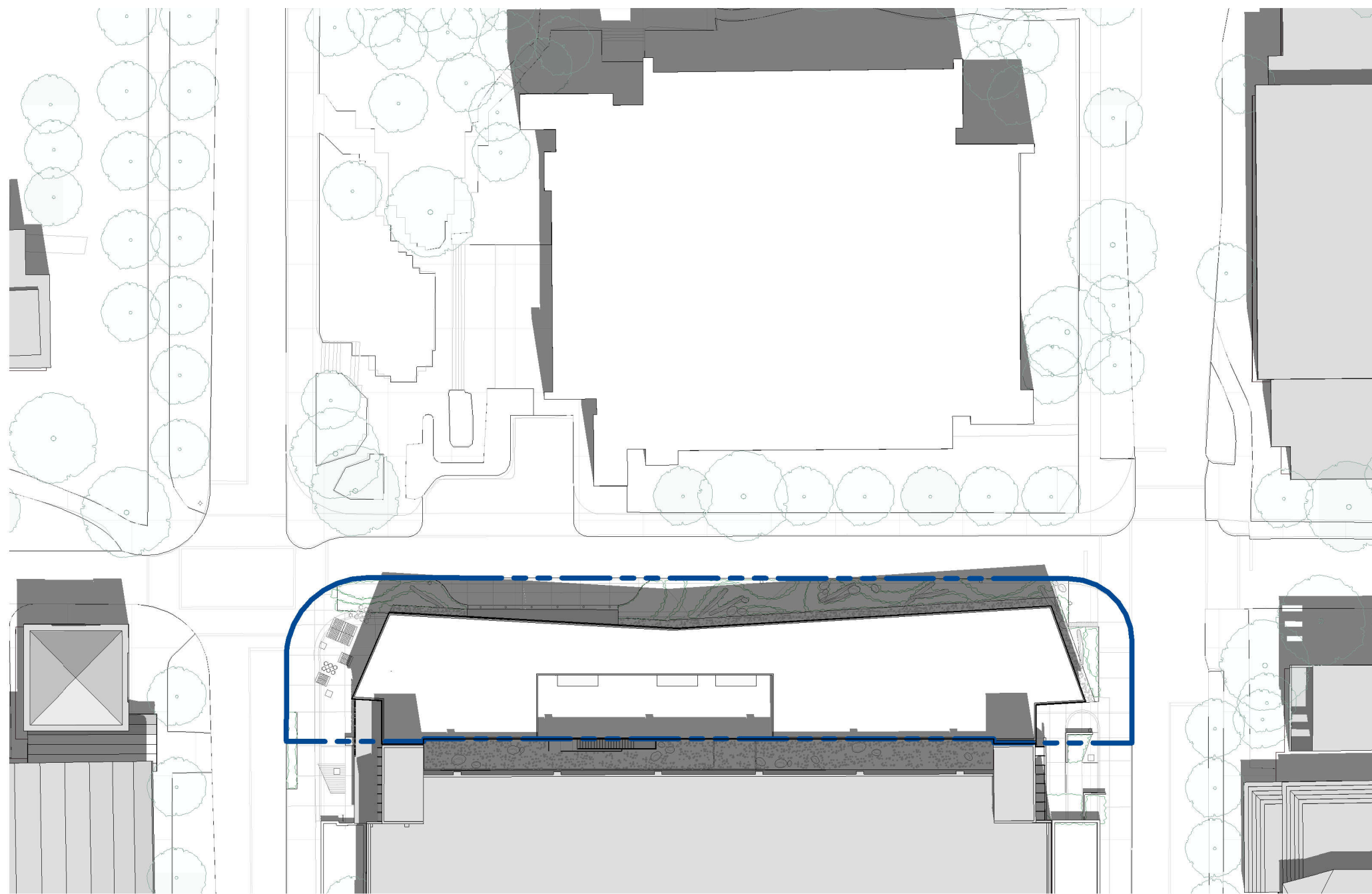
2 Spring Equinox - 12:00 PM
A103 1:500



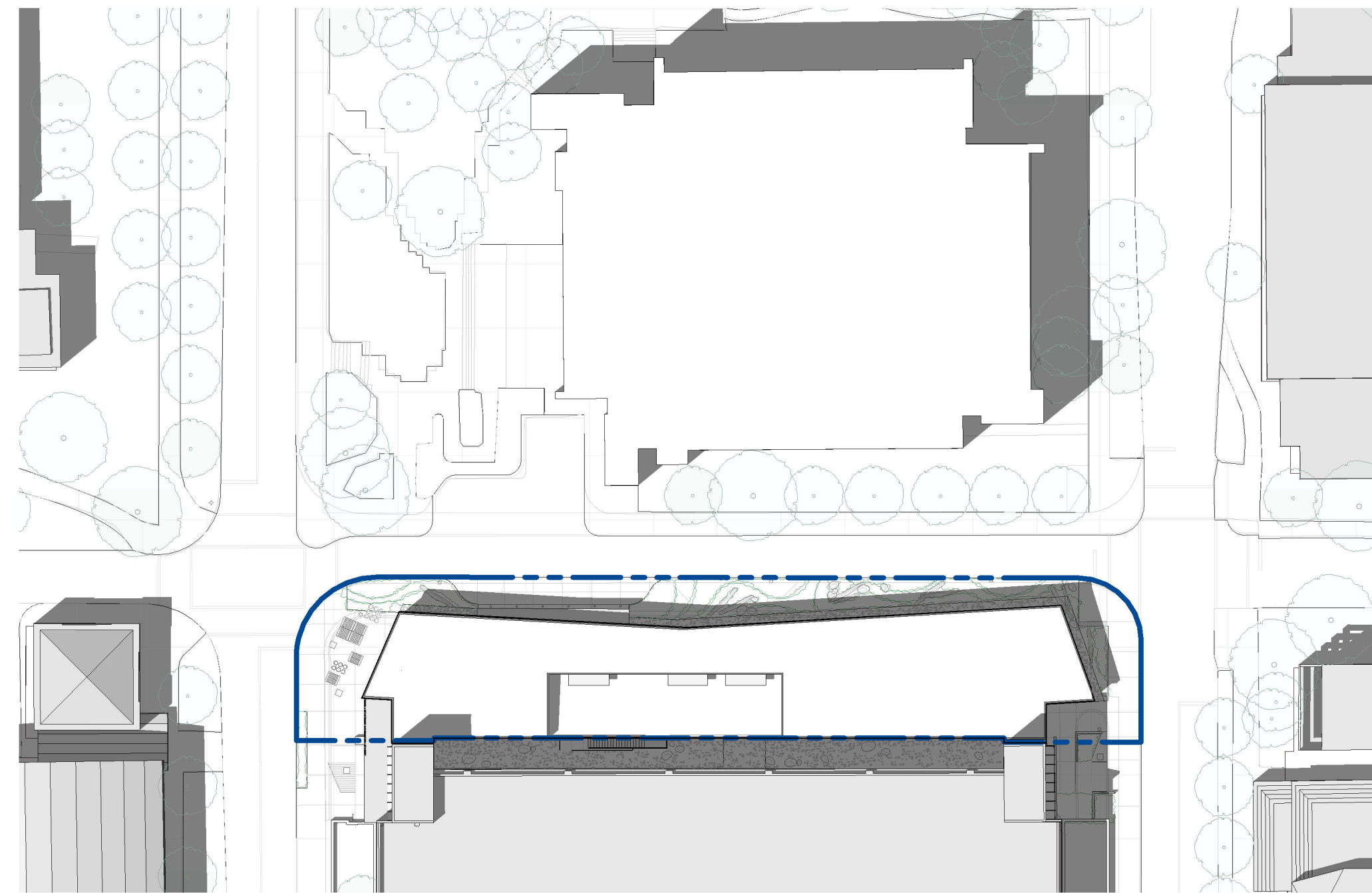
3 Spring Equinox - 2:00 PM
A103 1:500



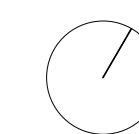
4 Summer Solstice - 10:00 AM
A103 1:500



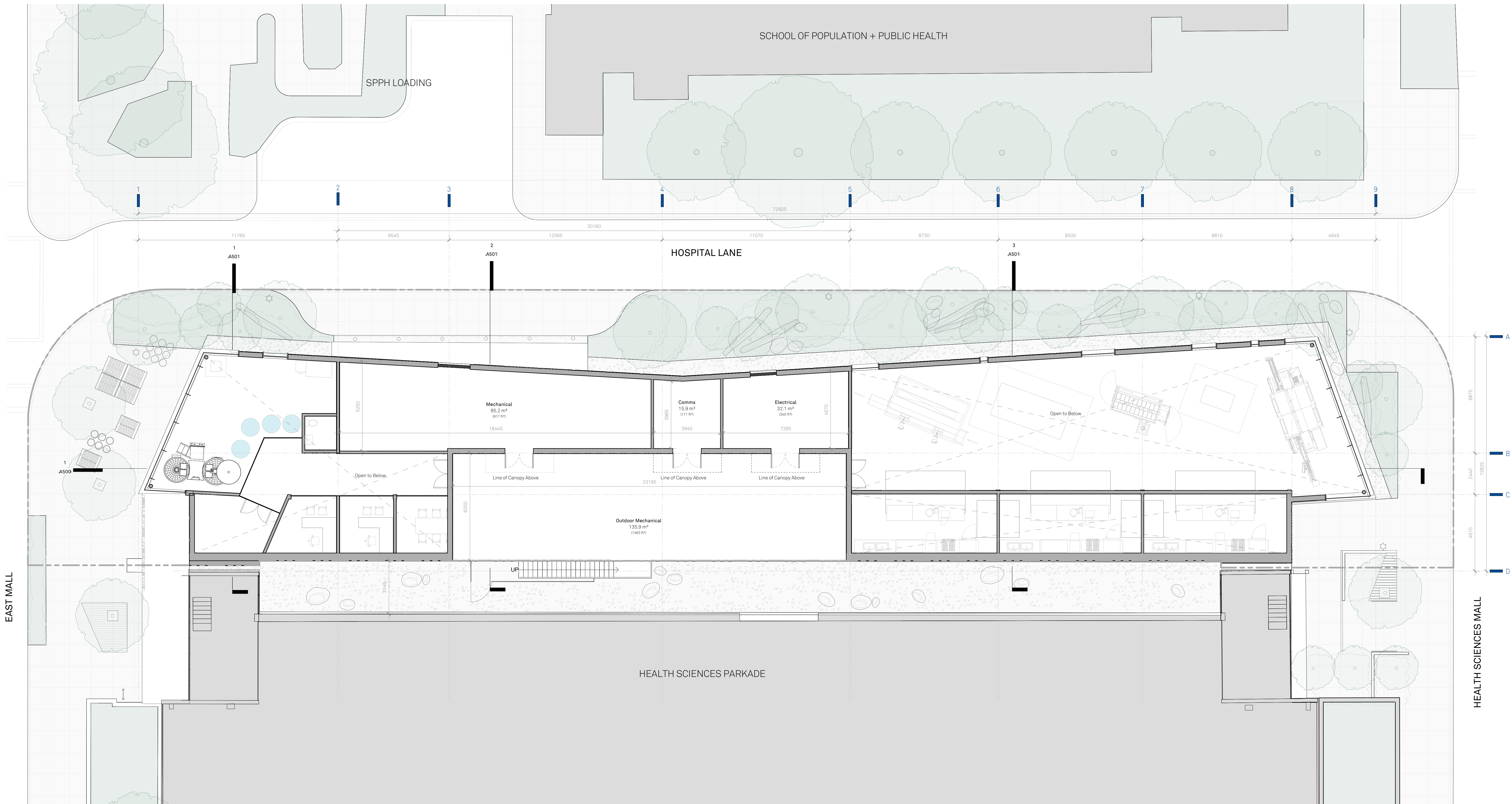
5 Summer Solstice - 12:00 PM
A103 1:500



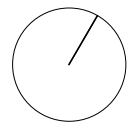
6 Summer Solstice - 2:00 PM
A103 1:500







1 Level 2
A201 1:100



HUMAN

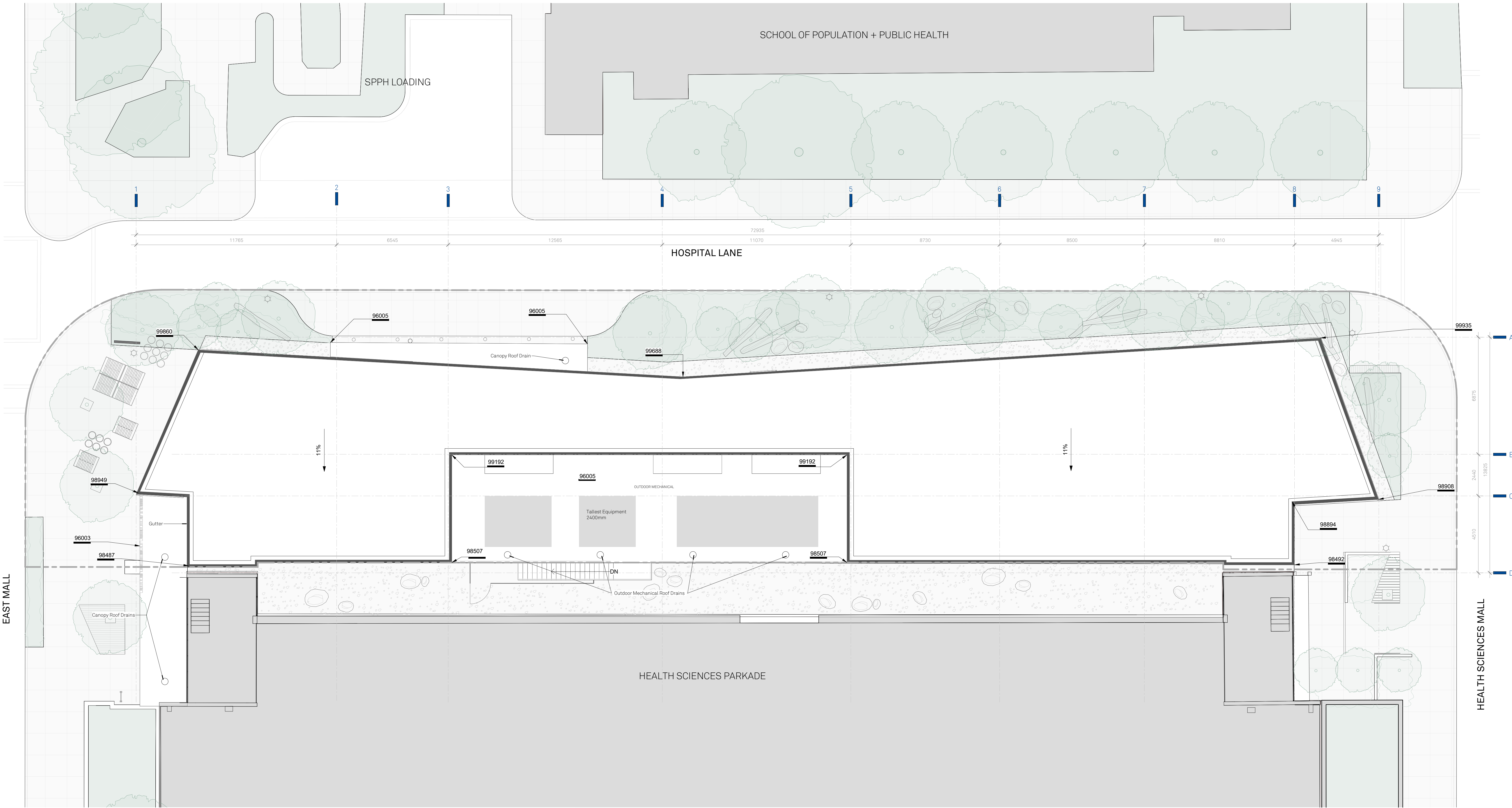
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B+H

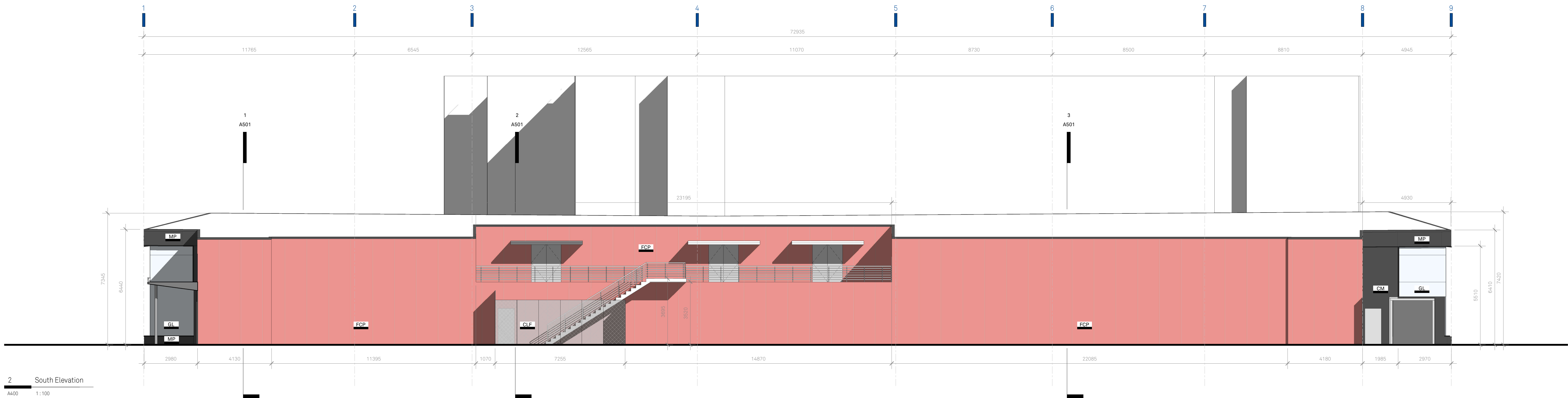
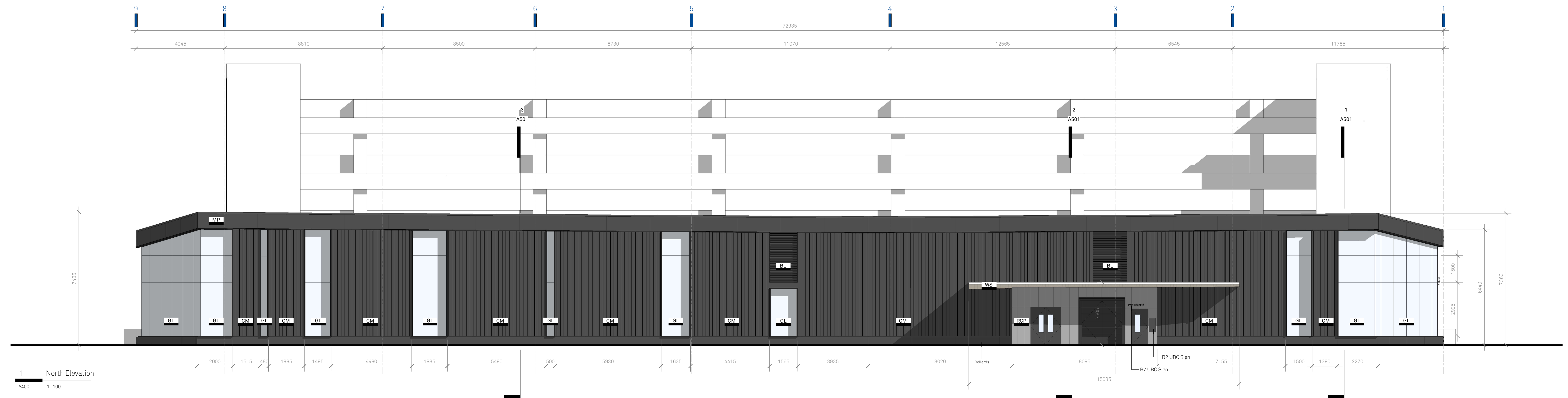
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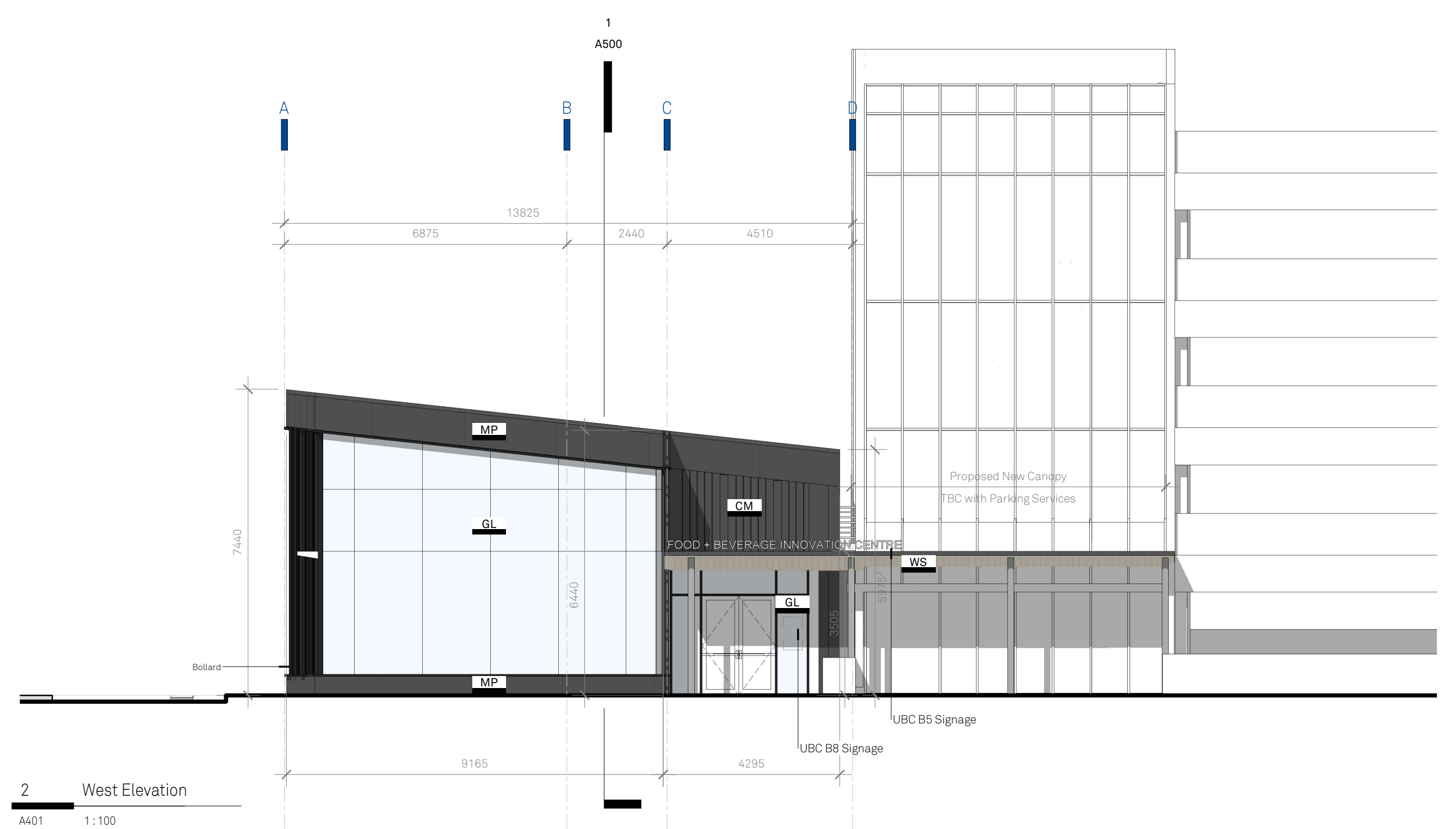
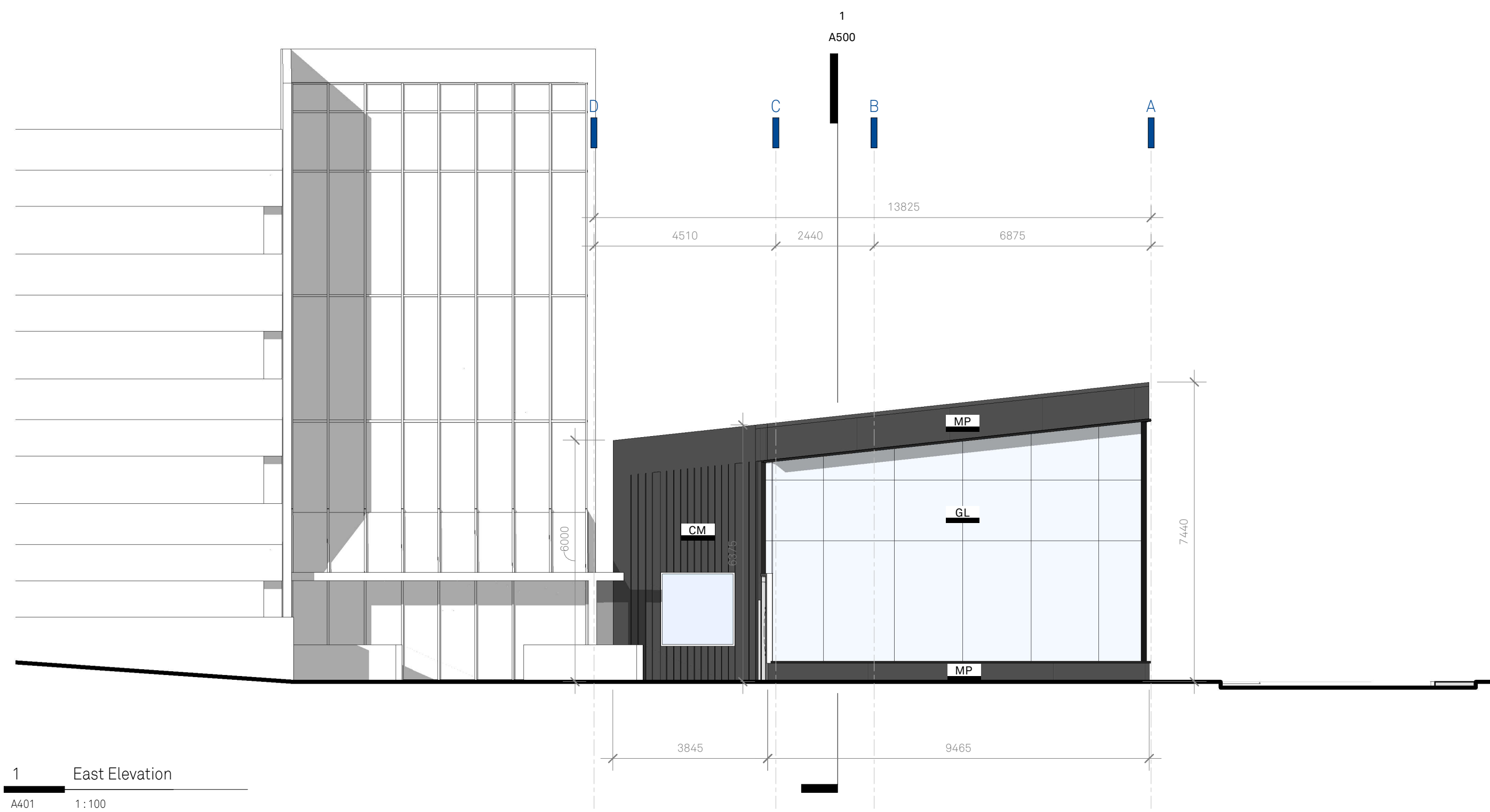
A201
Floor Plan - Level 2



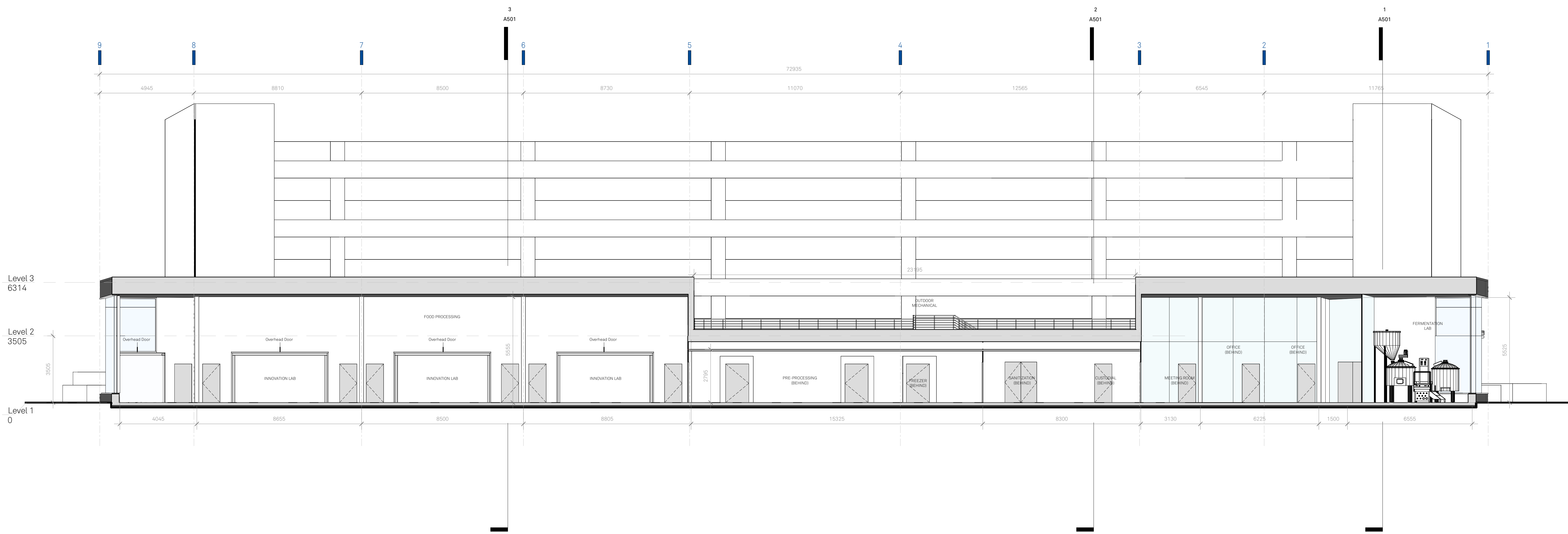
1 Roof Plan
A202 1:100



EXTERIOR MATERIALS LEGEND			
BL	BLACK LOUVER	MP	METAL PANEL
CM	CORRUGATED METAL	RCP	REINFORCED CONCRETE PANEL
CLF	CHAIN LINK FENCE	SBS	SBS ROOFING
FCP	FIBRE CEMENT PANEL	WS	WOOD SOFFIT
GL	GLAZING		



EXTERIOR MATERIALS LEGEND			
BL	BLACK LOUVER	MP	METAL PANEL
CM	CORRUGATED METAL	RCP	REINFORCED CONCRETE PANEL
CLF	CHAIN LINK FENCE	SBS	SBS ROOFING
FCP	FIBRE CEMENT PANEL	WS	WOOD SOFFIT
GL	GLAZING		



1 Longitudinal Section
A500 1:100

