

ISSUES + REVISIONS		
NO.	DATE	DESCRIPTION
A	Jan 15, 2015	Revision 1

**DEVELOPMENT PERMIT SUMMARY**

Total Site Area (as defined by project scope)	8554 sm	n/a
Total Site Area (as defined by site constraints)	5237 sm	
Building Footprint	1936 sm	
Site Coverage	37%	
Gross Building Floor Area	proposed permitted 8862 sm n/a	
Net Floor Area	proposed permitted 6635 sm n/a	
Building Height	proposed permitted 19.9 m 53.0 m maximum	
Setbacks *1		
Front (campus east)	proposed permitted n/a	
Rear (campus south)	proposed permitted 0.5 m	
Side (campus west)	proposed permitted 10.3 m	
Side (campus north)	proposed permitted 10.0 m n/a	
Parking Stalls	proposed permitted 33 surface stalls (88 stalls) 0.25 ber bed maximum	
Loading Bays	proposed permitted 1 bay 1 bay minimum	
Bicycle Parking (long term)	proposed permitted 354 (88 stalls) 0.25 per bed minimum	
Bicycle parking (short term)	proposed permitted	
Number of Dwelling Units	354 total 340 single resident rooms 12 sm 12 resident advisor rooms 17 sm 2 resident coordinator suites 48 sm	
Floor Space Ratio	proposed permitted 1.69 n/a	
Gross Building Floor Area (by floor)	Level 7 (roof) 61 sm Level 6 1336 sm Level 5 1336 sm Level 4 1336 sm Level 3 1336 sm Level 2 1336 sm Level 1 1821 sm Level 0 300 sm	

**LEGAL DESCRIPTION**

n/a

**PROJECT TEAM**

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**DRAWING LIST**

ARCHITECTURAL SHEETS		STRUCTURAL SHEETS	
A0 - GENERAL		S1.01	Structural Sheet 1
A0.00	Cover Sheet	S1.02	Structural Sheet 1
A0.00a	Written Description		
A0.00b	Design Policy Compliance 1		
A0.00c	Design Policy Compliance 2		
A0.00d	Tree Survey		
A0.00e	Green Building Certification 1		
A0.00f	Green Building Certification 2	M1.01	Mechanical Sheets
A0.00g	Photos		
A0.01	Assemblies		
A0.02	Schedules + Legends		
A0.03	Room Schedules		
A0.04	Context Plan		
A0.05	Site Plan		
A0.06	Utilities Plan		
A0.07	Survey Plan		
A0.08	Shadow Analysis		
A1 - PLANS			
A1.00	Basement		
A1.01	Level 1 Plan		
A1.02	Level 2 Plan		
A1.03	Level 3 Plan		
A1.04	Level 4 Plan		
A1.05	Level 5 Plan		
A1.06	Level 6 Plan		
A1.07	Level 7 Roof Plan		
A1.08	Level 8 Roof Plan		
A1.XX	Shadow Studies		
OPTA	354 BEDS		
A3 ELEVATIONS			
A3.01	Context Elevations		
A3.02	Unfolded Elevations		
A4 - SECTIONS			
A4.01	Sections		

**TOTEM PARK INFILL PHASE 2**



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**UBC Totem Park Infill Phase 2**

2525 West Mall, Vancouver, BC

PROJECT CODE	STATUS
1537	DD
SCALE	DATE
	September 25, 2015

**Cover Sheet**

SHEET  
**A0.00**

ISSUES + REVISIONS		
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## WRITTEN DESCRIPTION

Totem Park Residences In-Fill Phase 2 is part of the Student Housing and Hospitality Services (SHHS) strategy to address the long student wait list for on-campus housing. Throughout the winter academic session, it will serve 350 first and second year students. In the summer session, the facility will operate as accommodation for conference attendees. The site is adjacent to the Totem Park student commons, a hub for international students and the greater UBC community.

### Vision

The project site is at the southern edge of the campus housing precinct framed by Lower Mall and Marine Drive, and borders land zoned as Green Academic. For the first and second year students concerned with the undergraduate experience, the project creates a critical mass by combining the two building typology typical to Totem Park into one. The proposed building's main entry aligns with a significant diagonal pedestrian connection to the academic core of campus. The building form creates an informal outdoor commons for recreation and outdoor study along its northeastern edge adjacent to the building entry. The building defines the western edge of the Totem precinct through a massing that follows the Marine Drive street alignment.

### Program

The program consists private rooms for residents and shared uses such as lounges and washrooms. The shared spaces are critical spaces for students to socialize. There are three scenarios for building operation. For eight months of the year the building will be home to first and second year students. In this condition each floor is a home for 60 people living communally in two 30 person wings. Each resident has access to building wide amenities including a house lounge, kitchen and laundry located centrally.

During the summer the building amenity area can be used separately for conferences. The central lounge, kitchen and washrooms are used independent of the resident areas. During the summer the building may also be used as a hotel. In this scenario the floor lounges may be locked and guests access residents rooms and washrooms only. The building must be efficiently and discretely serviced by staff responsible for regular housecleaning.

The program is configured into a six-storey building which accommodated the majority of the spaces including 350 private rooms, shared washrooms, and floor lounges. A single-storey amenity building accommodates the residence-wide amenities including the house lounges and laundry facilities. A basement level accommodates the key services spaces including the main

mechanical and electrical rooms as well as secure storage for SHHS. The roof of the six-storey building accommodates the project's air-handling units, which are contained within a penthouse screen

### Public Realm

The proposed public realm design includes a reference to the heritage iconic brick courtyard placed adjacent to the front door to the new building. Framed by low seat walls, reminiscent of the original walls near the entries to the building, this area is meant to be a place for all the students of the building to come together rather than separate them. With the extended canopy of the annex it will be a great meeting point all through the school year. The seat walls drop down in conjunction with elegant stairs bringing students down to the open lawn. Providing a flexible open space to suit the changing needs of the students from relaxing on a sunny day to games of volley ball the lawn will be a focal point of student activity in conjunction with the entry plaza.

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**UBC Totem Park Infill  
Phase 2**

2525 West Mall, Vancouver, BC

PROJECT CODE 1537	STATUS DD
SCALE	DATE September 25, 2015

Written Description

SHEET

A0.00a

## DESIGN POLICY COMPLIANCE

This Development Permit Application accompanies the bound booklet simultaneously submitted to the UBC Advisory Urban Design Panel.

In addition to meetings with the campus urban designer, architect, landscape architect, director of planning, fire department and campus utilities, a pre-application workshop was held with the Advisory Urban Design Panel on July 16, 2015. Further development of the design and responses to panel comments are described in detail in the bound booklet.

Totem Park is situated the campus' Forest Edge Character District. A reminder of the once lushly forested site is located along the north edge and western edges of the Totem Park precinct.

### Architecture

The existing Totem Park precinct adopts the original design elements of the Lawrence Halpin/John Lantzius 1964 plan. This plan is characterized by an orthogonal geometry, with the sets of two six-storey residence buildings extending into the continuous green setback along Marine Drive. Designed by Thompson Berwick & Pratts, the original buildings at Totem feature a composition of vertical brick panels woven with a tartan of precast concrete spandrel panels. The weave derives variation with a rhythm of lounges, single and double rooms. The Totem Park Infill 2 project, as described in the Materials narrative below, adopts and modernizes this composition of materials and frames the southern edge of the precinct.

The setback areas along Marine Drive are used by Totem residents for informal recreation. The areas between buildings, which have recently undergone a revitalization in the spirit of the original plan, are more lushly vegetated and contemplative in character. Separating active and contemplative spaces, however, unnecessarily dilutes the 'undergraduate experience' and can draw the majority of public activity away from building entries creating a potentially unsafe condition. Drawing upon an evolving understanding of how students inhabit the public realm, the project team has establish an attitude towards energize the public realm by types by linking the two spatial types together. This is described in more detail in the accompanying booklet submission.

The site constraints include mature trees and access road to the north, below grade services to the north and west, future Green Academic use to the south and future residential use to the east. Fitting the program in the resulting buildable footprint resulted in a geometry that aligns with the campus grid in the east/west direction and the Marine Drive curve to the west.

### Materials

The architecture and material palette derives inspiration from the irregular nature of the vegetation found throughout UBC's recreation areas. For many international students that will call this project home, walking through a rain forest is a new multi-sensory experience.

One unique texture found on a typical forest walk is cedar bark. As cedars grow in circumference the outer bark cracks in vertical planes, revealing the growing part of the trunk. This exposed layer annually produces new bark and new wood to contribute to the growth of the tree. Annual renewal is a notion that resonates deeply with the project team and will inform the architecture of the masonry skin enveloping the building.

Variation of windows organized to express stairs, lounges, and social spaces together with various brick glaze, texture, and bond patterns convey an organic character. At the same time the composition relates to the vertical brick patterns found in the original totem buildings.

The primary cladding materials draw upon materials already found in the Totem Park Precinct and complement the west coast forest setting. The simple material palette comprises of brick, glazing and metal panels. The brick colour proposed for the project is similar to that used in the original Totem residences and used again in the Totem park Infill 1 project. Similarly, the windows proposed for the project are similar to the window wall system used in the Infill 1 project. Metal panel will form the main material enclosing the amenity building and penthouse enclosure.

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UBC Totem Park Infill  
Phase 2

2525 West Mall, Vancouver, BC

PROJECT CODE	STATUS
1537	DD
SCALE	DATE
	September 25, 2015

Design Policy  
Compliance 1

SHEET

A0.00b

ISSUES + REVISIONS		
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## DESIGN POLICY COMPLIANCE

### Landscape

The extension of the existing public realm seeks to build upon the original design elements of the Lawrence Halpin / John Lantzius 1964 plan. The proposed public realm design includes a reference to the heritage iconic brick courtyard placed adjacent to the front door to the new building. Framed by low seat walls, reminiscent of the original walls near the entries to the building, this area is meant to be a place for all the students of the building to come together rather than separate them. With the extended canopy of the annex it will be a great meeting point all through the school year. The seat walls drop down in conjunction with elegant stairs bringing students down to the open lawn. Providing a flexible open space to suit the changing needs of the students from relaxing on a sunny day to games of volley ball the lawn will be a focal point of student activity in conjunction with the entry plaza.

There are many sustainable features included within the design including simple things like locally appropriate plants and the restoration of the forest character original to the site but the key visible feature will be the rain gardens. Capturing the water from the building roof areas and the adjacent plaza, similar to what was implemented at Infill Phase 1, the rain garden will be the foreground to the building facing into the courtyard. Through the overlay of the annex connection over the rain garden it will appear as though the building was placed through an existing forest landscape strengthening the connection to the natural landscape of the cliffs to the west and the emerging character of Totem Park.

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UBC Totem Park Infill  
Phase 2

2525 West Mall, Vancouver, BC

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Design Policy  
Compliance 2

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**GREEN BUILDING CERTIFICATION**

UBC has a history of pursuing strong operational sustainability goals and targets and has developed numerous plans and policies that reflect the University’s vision and guide its sustainability activities.

The addition to the Totem Park neighbourhood represents an opportunity for UBC to further explore aspects of economic, social and environmental sustainability in the context of a new student residence. The sustainable strategies being considered for this project focus on promoting resident comfort, health and well-being.

These strategies include a holistic approach to energy management through:

- Strategically balancing daylighting needs with glazing performance by establishing a window to wall ratio of 30%; developing a high performance building envelope with targeted effective thermal resistive values of R30 for roof assemblies, R20 for wall assemblies, and R2 for window assemblies;
- Establishing an aggressive airtightness target of 1.5 air changes per hour at 50 Pa;
- Supplementing natural light sources with energy efficient LED lighting in all spaces;
- Designing to achieve a maximum Energy Use Intensity of 80kWh/sm/yr;
- Providing a constant supply of fresh air to all residence rooms and common spaces;
- Specifying low-VOC materials and finishes that do not negatively impact air quality;
- Recovering heat from the building’s exhaust system;
- Connecting to the campus’ low-carbon District Energy System for heating domestic hot water and ventilation air. Capacity of the DES system to meet the energy requirements of the new residence has been confirmed by UBC.

Additional sustainable strategies for the project are framed around:

- Optimizing the life-cycle impact of the appliances, fixtures, materials and finishes selected for the residence on the day-to-day operations of the facility. The products specified for the project are expected to be both reliable and durable.
- Minimizing potable water consumption by specifying low-flow fixtures and planting drought-tolerable native vegetation
- Reducing storm water flows by 50% from the previous site condition for a 1 in 10 year, 24 hour event.
- Minimizing the impact of construction activities by: minimizing the extent of the impacted site area, minimizing waste by maximizing the opportunities for prefabrication; and diverting the majority of solid construction waste to local recycling facilities.

The mandated performance target for project is LEED Gold Certification. The Project Team has adopted the LEED for Homes Multi-Family Midrise v2010 as its benchmarking tool. LEED for Homes represents a consensus standard for green homebuilding in the US. In addition to the credit categories found in most LEED rating systems, LEED for Homes also recognizes the placement of projects in a socially and environmentally responsible ways in relation to the larger community, an objective that is consistent with the goals of the Campus Plan. The LEED for Homes Multi-Family Midrise is described in detail in the following pages.



**UBC Totem Park Residence Infill Phase II Narrative:  
LEED for Home Mid-rise**

The LEED for Homes Mid-rise rating system is a certification program focused on promoting healthy and sustainable homes. It is designed for developments between 3 to 12 storeys that are at least 50% residential, and encourages a hands-on approach to green building among the design team, builder, and verification team.

In order to achieve LEED Mid-rise certification, projects must earn a minimum number of credits across the following eight different sustainability categories: Innovation & Design, Location & Linkages, Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials & Resources, Indoor Environmental Quality, and Awareness & Education. Testing and verification of fundamental mechanical and ventilation systems are also required as part of the LEED Midrise pre-requisites.

Project teams work with a LEED Design Consultant to incorporate green building features and practices, establish the targeted certification level and credits, and to document these credits. The design and construction team also work closely with the LEED Midrise Green Rater/Provider, who acts on behalf of the USGBC, to verify that prerequisites and credit intents are met through site inspections and testing.

LEED for Home Mid-rise is an appropriate green building rating system to use for the Totem Park Residence Infill Phase II project. The system was designed specifically for residential buildings (as opposed to commercial) and therefore includes strategies/credits tailored to residential design and construction. In addition, the system promotes an integrated approach to design and construction, including on-site verification, which increases quality control and is consistent with UBCs sustainability process. Further more, the inclusion of LEED Midrise Green Rater/Provider helps to streamline the process by providing access to the USGBC to provide prompt responses to any questions that arise. This helps to ensure a smooth certification process.

The preliminary checklist attached indicates we are targeting 70.5 points, where 65 are required to earn LEED® Gold Certification. We have identified additional points that potentially can be achieved or used as a substitute if one or more strategies are deemed unobtainable. It should be noted that the LEED® for Homes – Multifamily Mid-Rise simple checklist is a working document and is subject to change. This preliminary checklist will form the basis of discussion with UBC and the design team during our Sustainability Workshop.

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Phase 2**

2525 West Mall, Vancouver, BC

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**Green Building  
Certification 1**

SHEET  
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**GREEN BUILDING CERTIFICATION**

Checklist issued by Kane Consulting  
Issued on: 2015-09-24

Checklist issued by Kane Consulting  
Issued on: 2015-09-24



for Homes

**LEED for Homes Mid-rise Project Checklist**

Project Name: Totem Infill Phase 2

<b>Project Point Total</b> Targeted: <b>70.5</b>	Maybe: <b>33</b>	<b>Certification Thresholds</b> Certified: 35	Gold: 65
<b>Certification Level</b> Targeted: <b>Gold</b>	Points needed: <b>65</b>	Silver: 50	Platinum: 80

Innovation and Design Process (ID)		(No Minimum Points Required)		OR	Max	Y/Pts	?	No
1. Integrated Project Planning	1.1 Preliminary Rating 1.2 Energy Expertise for MID-RISE 1.3 Professional Credentialed with Respect to LEED for Homes 1.4 Design Charrette 1.5 Building Orientation for Solar Design 1.6 Trades Training for MID-RISE	Prereq Prereq 1 1 1 1	Y Y 1 0 1 1					
2. Durability Management Process	2.1 Durability Planning 2.2 Durability Management 2.3 Third-Party Durability Management Verification	Prereq Prereq 3	Y Y 3					
3. Innovative or Regional Design	3.1 Innovation #1 Green Cleaning 3.2 Innovation #2 Enter innovation strategy 3.3 Innovation #3 Enter innovation strategy 3.4 Innovation #4 Enter innovation strategy	1 1 1 1	0 0 0 0					
Sub-Total for ID Category:				<b>11</b>	6	1	4	
Location and Linkages (LL)		(No Minimum Points Required)		OR	Max	Y/Pts	?	No
1. LEED ND	1 LEED for Neighborhood Development	LL2-6	10		0	0	10	
2. Site Selection	2 Site Selection		2		2	0	0	
3. Preferred Locations	3.1 Edge Development 3.2 Infill 3.3 Brownfield Redevelopment for MID-RISE	LL3.1	1 2 1		1 0 0	0 1 1	0 0 1	
4. Infrastructure	4 Existing Infrastructure		1		1	0	0	
5. Community Resources/Transit	5.1 Basic Community Resources for MID-RISE 5.2 Extensive Community Resources for MID-RISE 5.3 Outstanding Community Resources for MID-RISE	LL 5.1, 5.3 LL 5.1, 5.2	1 2 3		0 0 0	1 0 0	0 2 3	
6. Access to Open Space	6 Access to Open Space		1		1	0	0	
Sub-Total for LL Category:				<b>10</b>	5	2	17	
Sustainable Sites (SS)		(Minimum of 5 SS Points Required)		OR	Max	Y/Pts	?	No
1. Site Stewardship	1.1 Erosion Controls During Construction 1.2 Minimize Disturbed Area of Site for MID-RISE	Prereq Prereq	1 1		1 1	0 0	0 0	
2. Landscaping	2.1 No Invasive Plants 2.2 Basic Landscape Design 2.3 Limit Conventional Turf for MID-RISE 2.4 Drought Tolerant Plants for MID-RISE 2.5 Reduce Overall Irrigation Demand by at Least 20% for MID-RISE	SS 2.5 SS 2.5 SS 2.5	1 2 1 3		1 2 1 0	0 0 0 0	0 0 0 3	
3. Local Heat Island Effects	3.1 Reduce Site Heat Island Effects for MID-RISE 3.2 Reduce Roof Heat Island Effects for MID-RISE		1 1		0 1	1 0	0 0	
4. Surface Water Management	4.1 Permeable Lot for MID-RISE 4.2 Permanent Erosion Controls 4.3 Stormwater Quality Control for MID-RISE		2 1 2		0 0 0	2 1 0	0 0 0	
5. Nontoxic Pest Control	5 Pest Control Alternatives		2		1.5	0.5	0	
6. Compact Development	6.1 Moderate Density for MID-RISE 6.2 High Density for MID-RISE 6.3 Very High Density for MID-RISE	SS 6.1, 6.3 SS 6.1, 6.2	2 3 4		0 0 4	0 0 0	2 3 0	
7. Alternative Transportation	7.1 Public Transit for MID-RISE 7.2 Bicycle Storage for MID-RISE 7.3 Parking Capacity/Low-Emitting Vehicles for MID-RISE		2 1 1		1 1 1	0 0 0	1 0 0	
Sub-Total for SS Category:				<b>22</b>	14.5	6.5	9	

Water Efficiency (WE)		(Minimum of 3 WE Points Required)		OR	Max	Y/Pts	?	No
1. Water Reuse	1.1 Water Reuse for MID-RISE		5		0	0	5	
2. Irrigation System	2.1 High Efficiency Irrigation System for MID-RISE 2.2 Reduce Overall Irrigation Demand by at least 45% for MID-RISE	WE 2.2	2		2	0	0	
3. Indoor Water Use	3.1 High-Efficiency Fixtures and Fittings 3.2 Very High Efficiency Fixtures and Fittings 3.3 Water Efficient Appliances for MID-RISE		3 6 2		1 4 2	0 0 0	2 2 0	
Sub-Total for WE Category:				<b>15</b>	9	0	11	
Energy and Atmosphere (EA)		(Minimum of 0 EA Points Required)		OR	Max	Y/Pts	?	No
1. Optimize Energy Performance	1.1 Minimum Energy Performance for MID-RISE 1.2 Testing and Verification for MID-RISE 1.3 Optimize Energy Performance for MID-RISE	Prereq Prereq	34		10	9	15	
7. Water Heating	7.1 Efficient Hot Water Distribution 7.2 Pipe Insulation		2 1		0 0	0 1	2 0	
11. Residential Refrigerant Management	11.1 Refrigerant Charge Test 11.2 Appropriate HVAC Refrigerants	Prereq	1		1	0	0	
Sub-Total for EA Category:				<b>38</b>	11	10	17	
Materials and Resources (MR)		(Minimum of 2 MR Points Required)		OR	Max	Y/Pts	?	No
1. Material-Efficient Framing	1.1 Framing Order Waste Factor Limit 1.2 Detailed Framing Documents 1.3 Detailed Cut List and Lumber Order 1.4 Framing Efficiencies 1.5 Off-site Fabrication	MR 1.5 MR 1.5 MR 1.5	1 1 3 4		0 0 1 0	1 0 1 4	0 1 1 0	
2. Environmentally Preferable Products	2.1 FSC Certified Tropical Wood 2.2 Environmentally Preferable Products	Prereq	8		6.5	0	1.5	
3. Waste Management	3.1 Construction Waste Management Planning 3.2 Construction Waste Reduction	Prereq	3		2.5	0.5	0	
Sub-Total for MR Category:				<b>16</b>	10	6.5	3.5	
Indoor Environmental Quality (EQ)		(Minimum of 6 EQ Points Required)		OR	Max	Y/Pts	?	No
2. Combustion Venting	2 Basic Combustion Venting Measures	Prereq	1		0	1	0	
3. Moisture Control	3 Moisture Load Control		1		0	1	0	
4. Outdoor Air Ventilation	4.1 Basic Outdoor Air Ventilation for MID-RISE 4.2 Enhanced Outdoor Air Ventilation for MID-RISE 4.3 Third-Party Performance Testing for MID-RISE	Prereq	2		2	0	0	
5. Local Exhaust	5.1 Basic Local Exhaust 5.2 Enhanced Local Exhaust 5.3 Third-Party Performance Testing	Prereq	1		1	0	0	
6. Distribution of Space Heating and Cooling	6.1 Room-by-Room Load Calculations 6.2 Return Air Flow / Room by Room Controls 6.3 Third-Party Performance Test / Multiple Zones	Prereq	1		1	0	0	
7. Air Filtering	7.1 Good Filters 7.2 Better Filters 7.3 Best Filters	EQ 7.3	2		0	2	0	
8. Contaminant Control	8.1 Indoor Contaminant Control during Construction 8.2 Indoor Contaminant Control for MID-RISE 8.3 Preoccupancy Flush		1		1	0	0	
9. Radon Protection	9.1 Radon-Resistant Construction in High-Risk Areas 9.2 Radon-Resistant Construction in Moderate-Risk-Areas	Prereq	1		0	0	1	
10. Garage Pollutant Protection	10.1 No HVAC in Garage for MID-RISE 10.2 Minimize Pollutants from Garage for MID-RISE 10.3 Detached Garage or No Garage for MID-RISE	EQ10.3	2		0	0	2	
11. ETS Control	11 Environmental Tobacco Smoke Reduction for MID-RISE		1		1	0	0	
12. Compartmentalization of Units	12.1 Compartmentalization for Units 12.2 Enhanced Compartmentalization of Units	Prereq	1		0	1	0	
Sub-Total for EQ Category:				<b>21</b>	14	6	4	
Awareness and Education (AE)		(Minimum of 0 AE Points Required)		OR	Max	Y/Pts	?	No
1. Education of the Homeowner or Tenant	1.1 Basic Operations Training 1.2 Enhanced Training 1.3 Public Awareness	Prereq	1		0	0	1	
2. Education of Building Manager	2 Education of Building Manager		1		1	0	0	
Sub-Total for AE Category:				<b>3</b>	1	1	1	



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**UBC Totem Park Infill Phase 2**

2525 West Mall, Vancouver, BC

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**Green Building Certification 2**

Sheet  
**A0.00f**



Looking south at Infill 2 site



Looking southeast at Infill 2 site



Looking west along existing fire access road



Looking northwest at Haida House



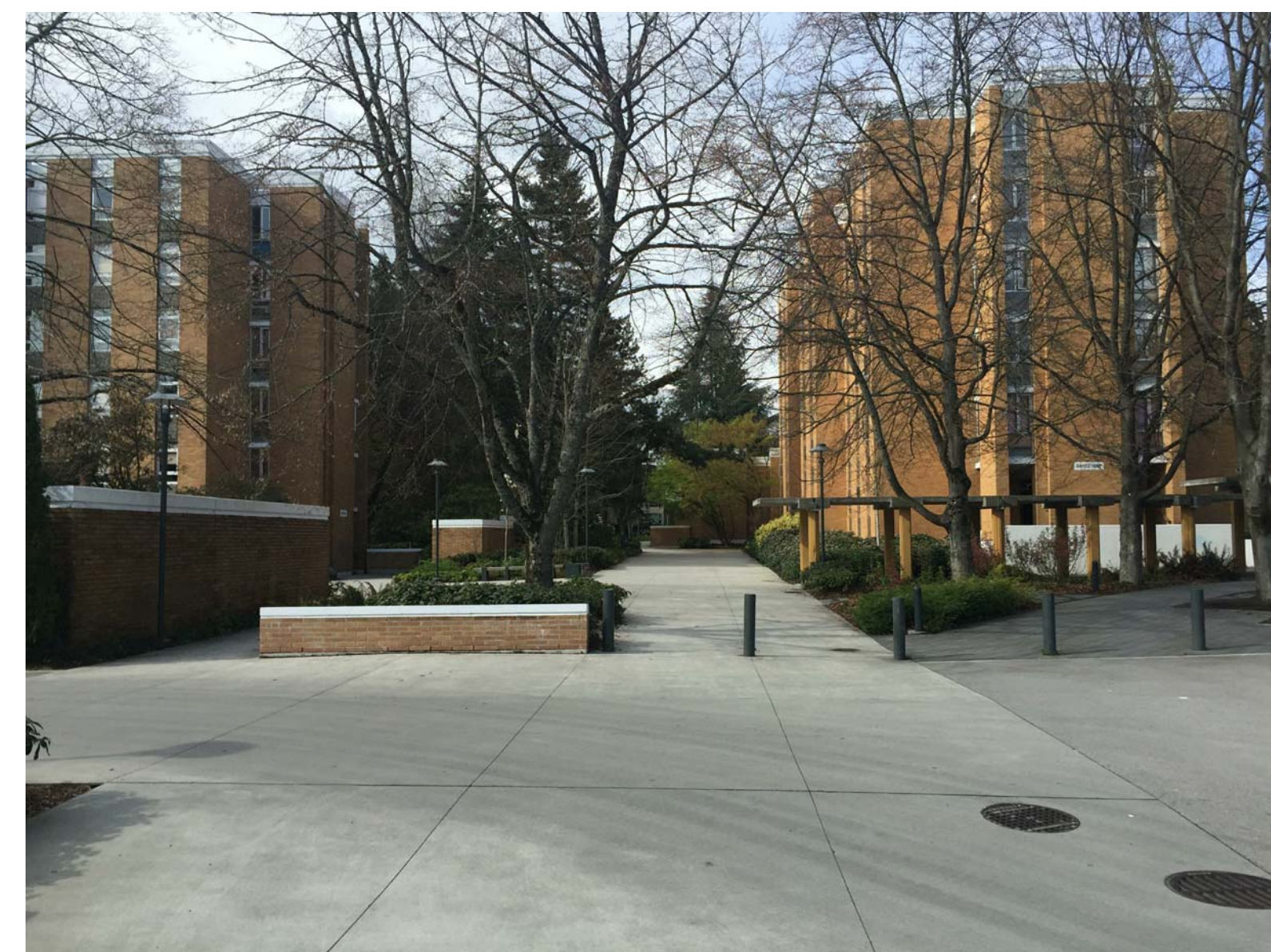
Looking northeast at Haida-Salish entry



Looking east at Hemlesem House



Totem Park rain protection network



Looking north along Lower Mall pedestrian connection



Totem Park landscape

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ISSUES & REVISIONS		
NO.	DATE	DESCRIPTION

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FAX: 604 682-4193  
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**UBC Totem Park Infill Phase 2**

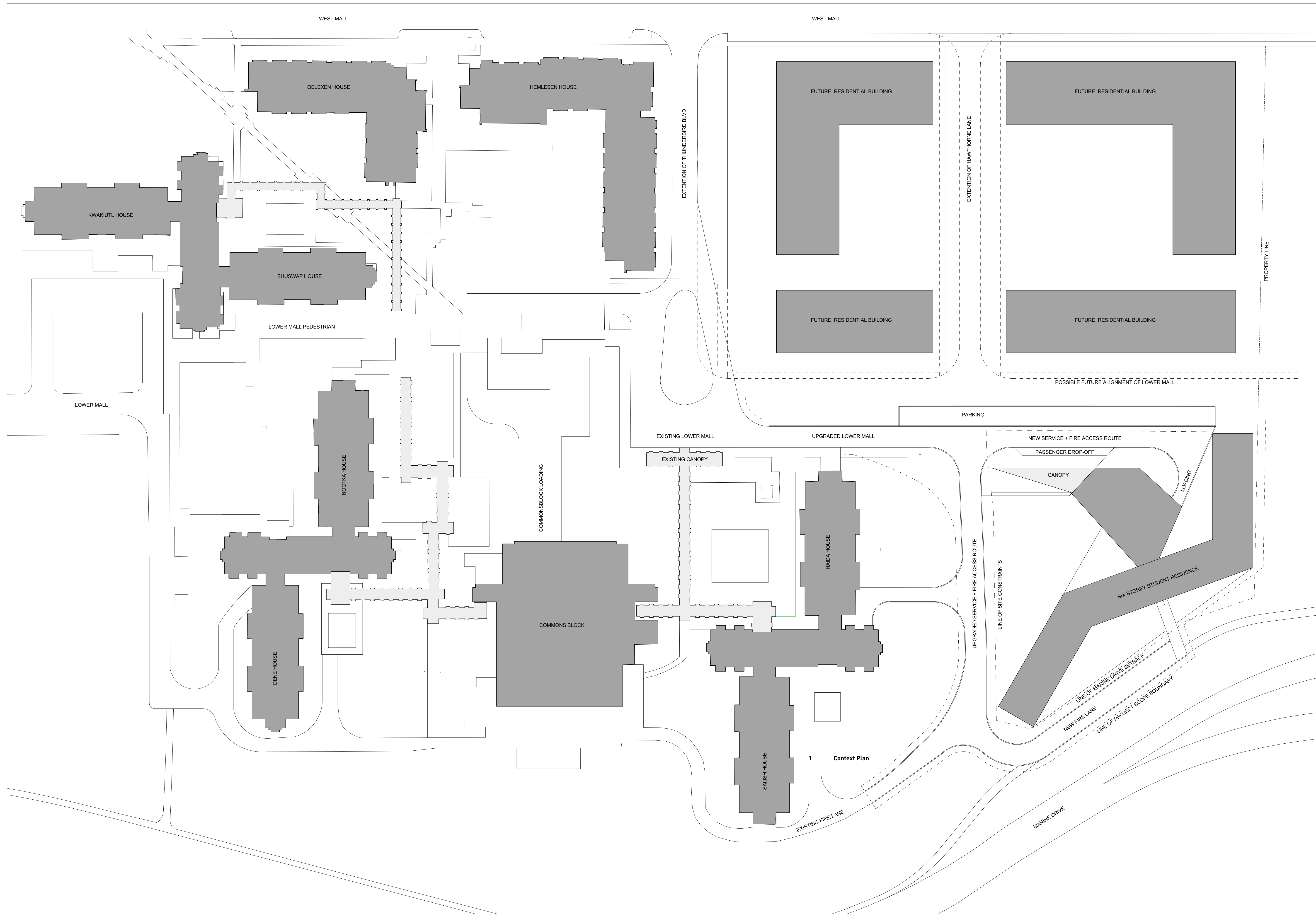
2525 West Mall, Vancouver, BC

PROJECT CODE 1537	STATUS DD
SCALE	DATE September 25, 2015

Photos

SHEET  
A0.00g

ISSUES + REVISIONS		
NO.	DATE	DESCRIPTION



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**UBC Totem Park Infill  
Phase 2**

2525 West Mall, Vancouver, BC

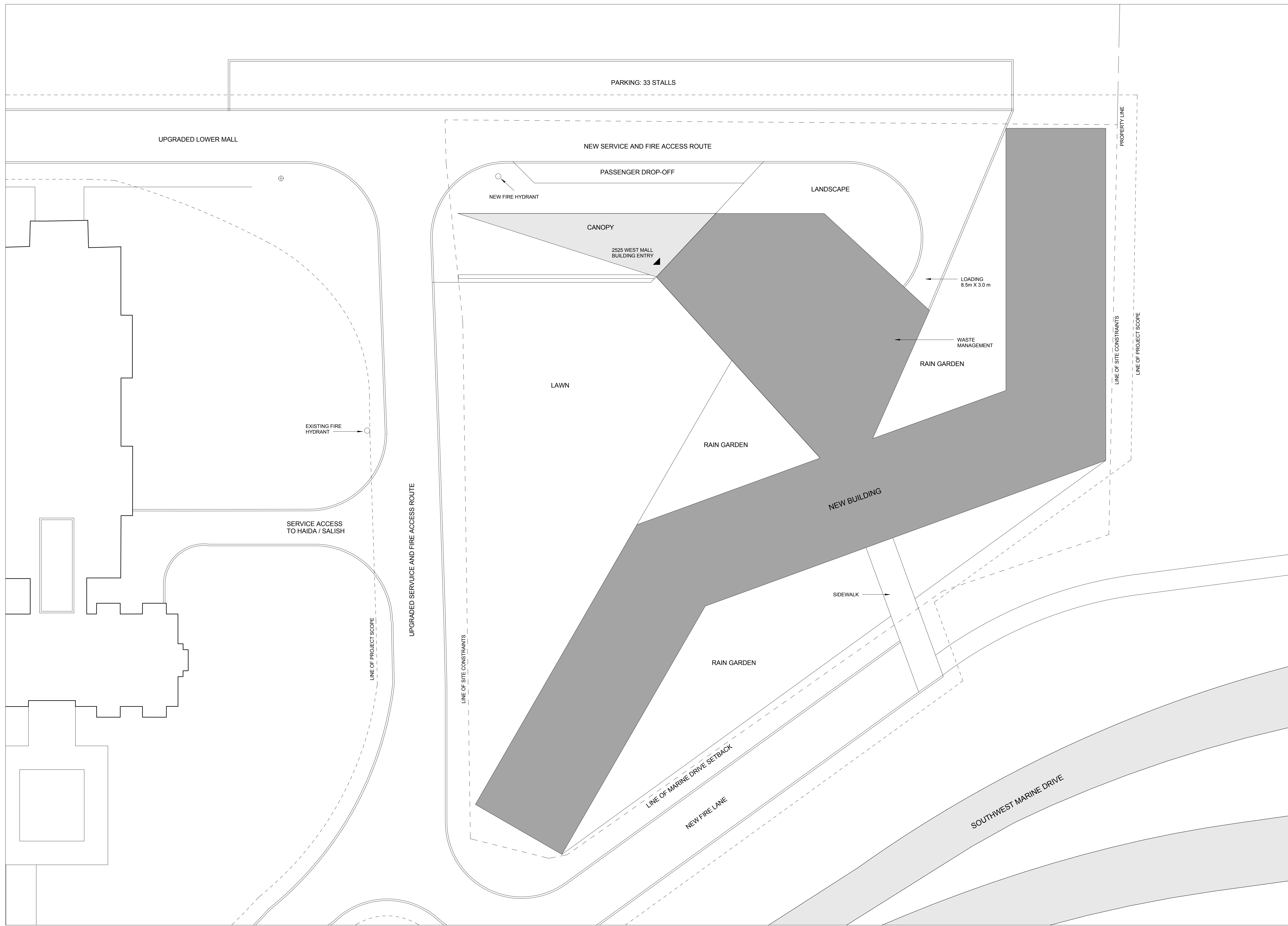
PROJECT CODE	STATUS
1537	DD
SCALE	DATE
1 : 500	September 25, 2015

**Context Plan**

SHEET  
**A0.04**



ISSUES/REVISIONS	
NO.	DATE



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**UBC Totem Park Infill  
Phase 2**

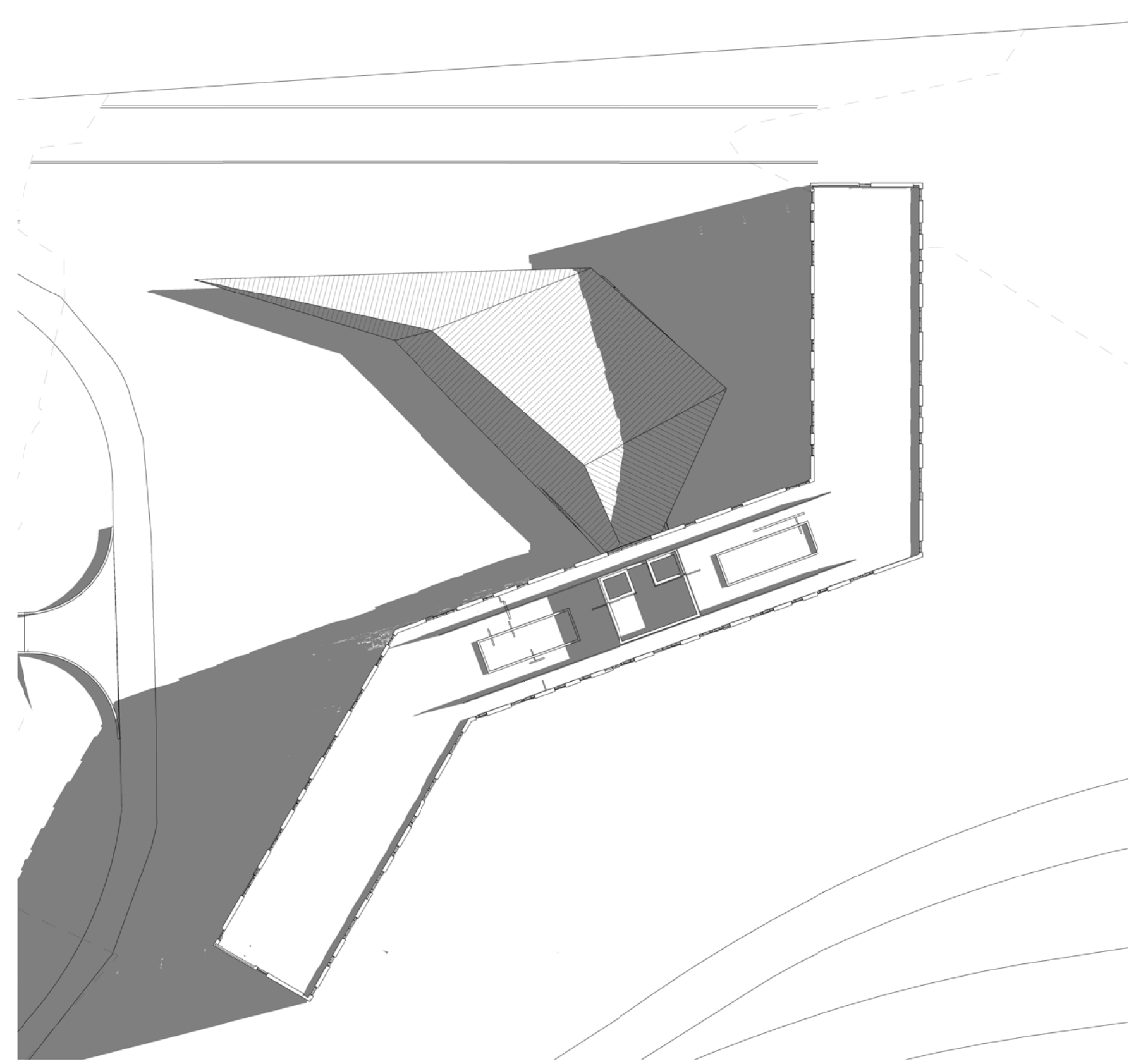
2525 West Mall, Vancouver, BC

PROJECT CODE 1537	STATUS DD
SCALE 1 : 200	DATE September 25, 2015

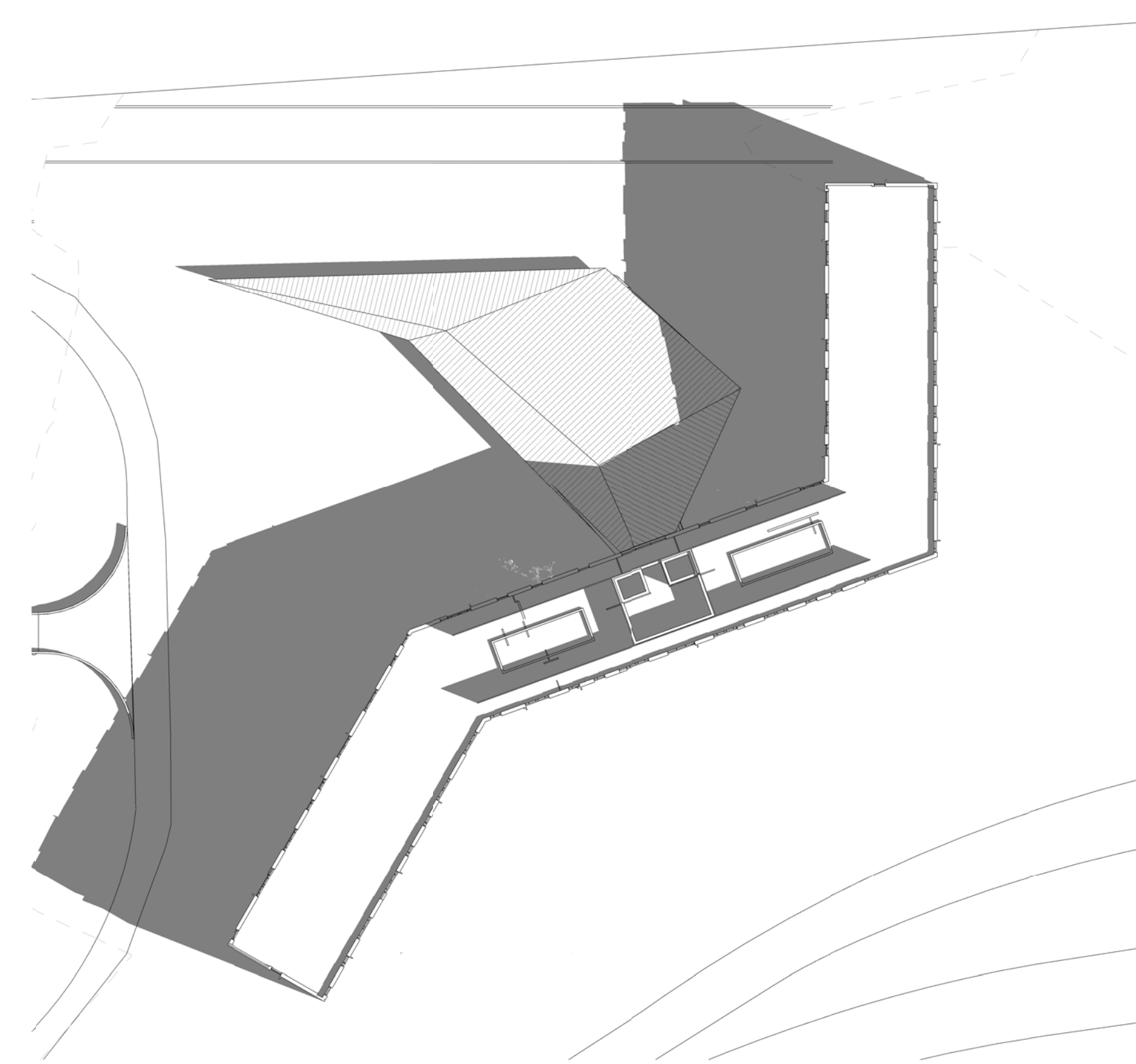
**Site Plan**

SHEET  
**A0.05**

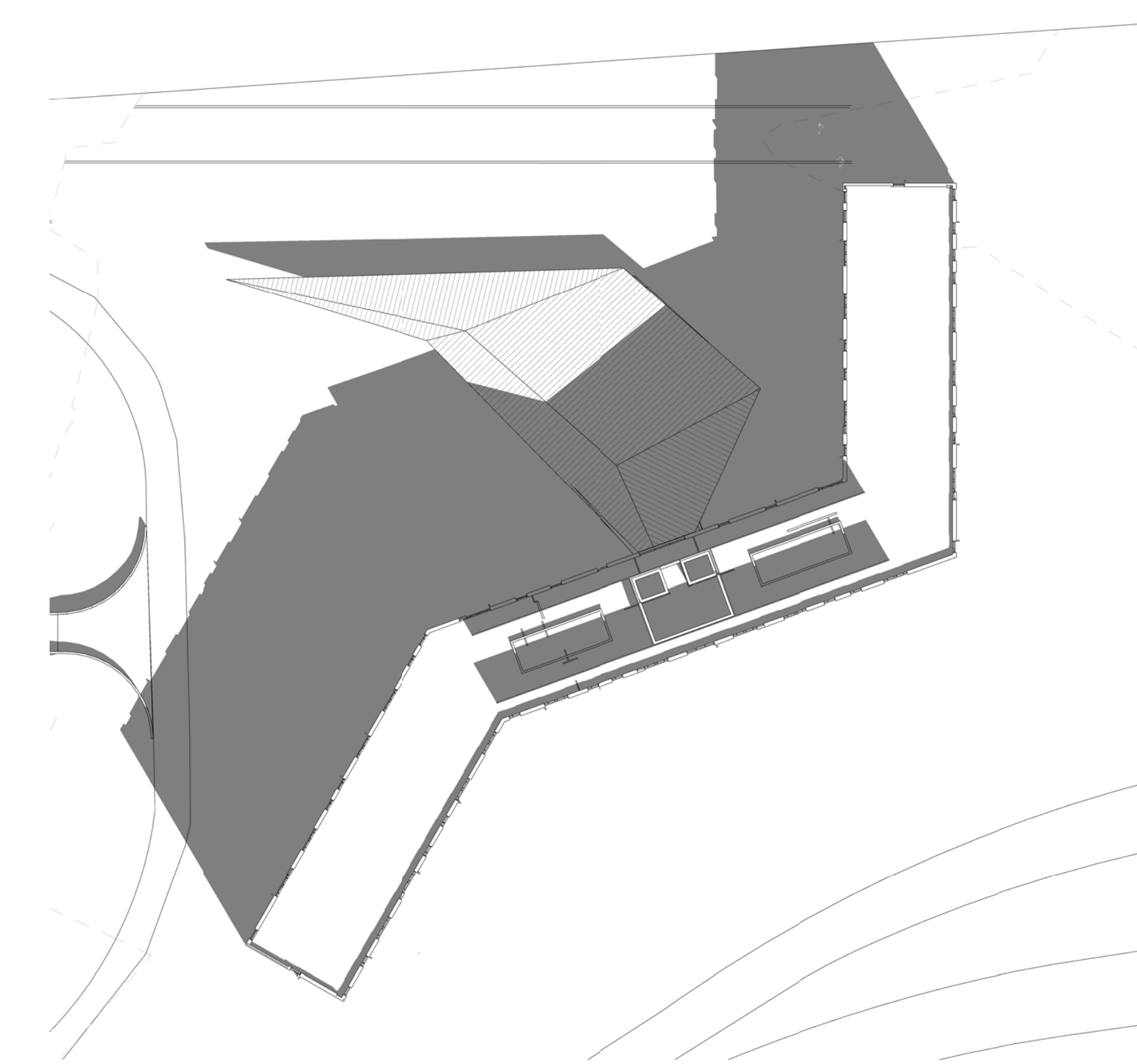
ISSUES/REVISIONS	
NO.	DATE



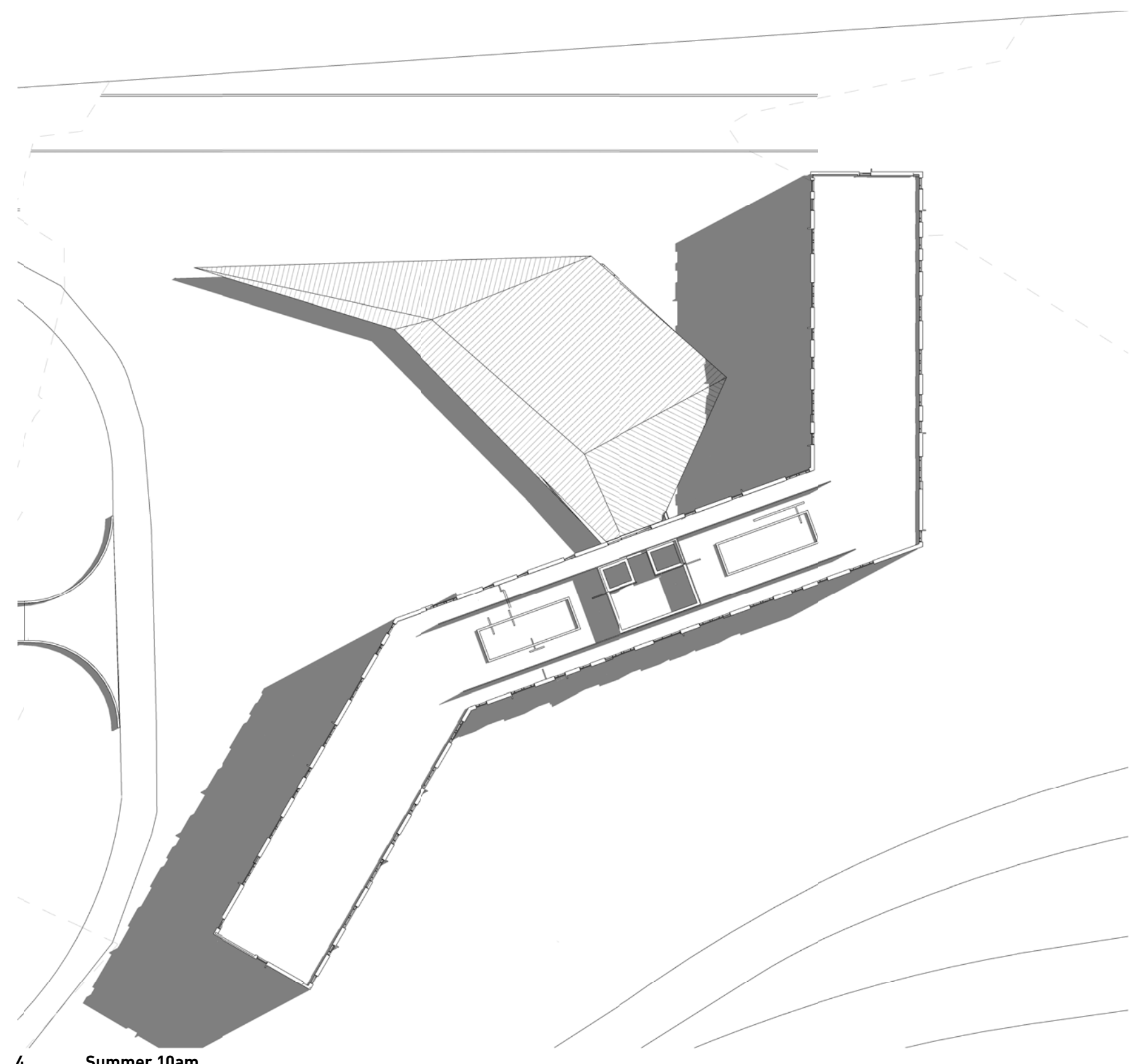
1 Spring 10am



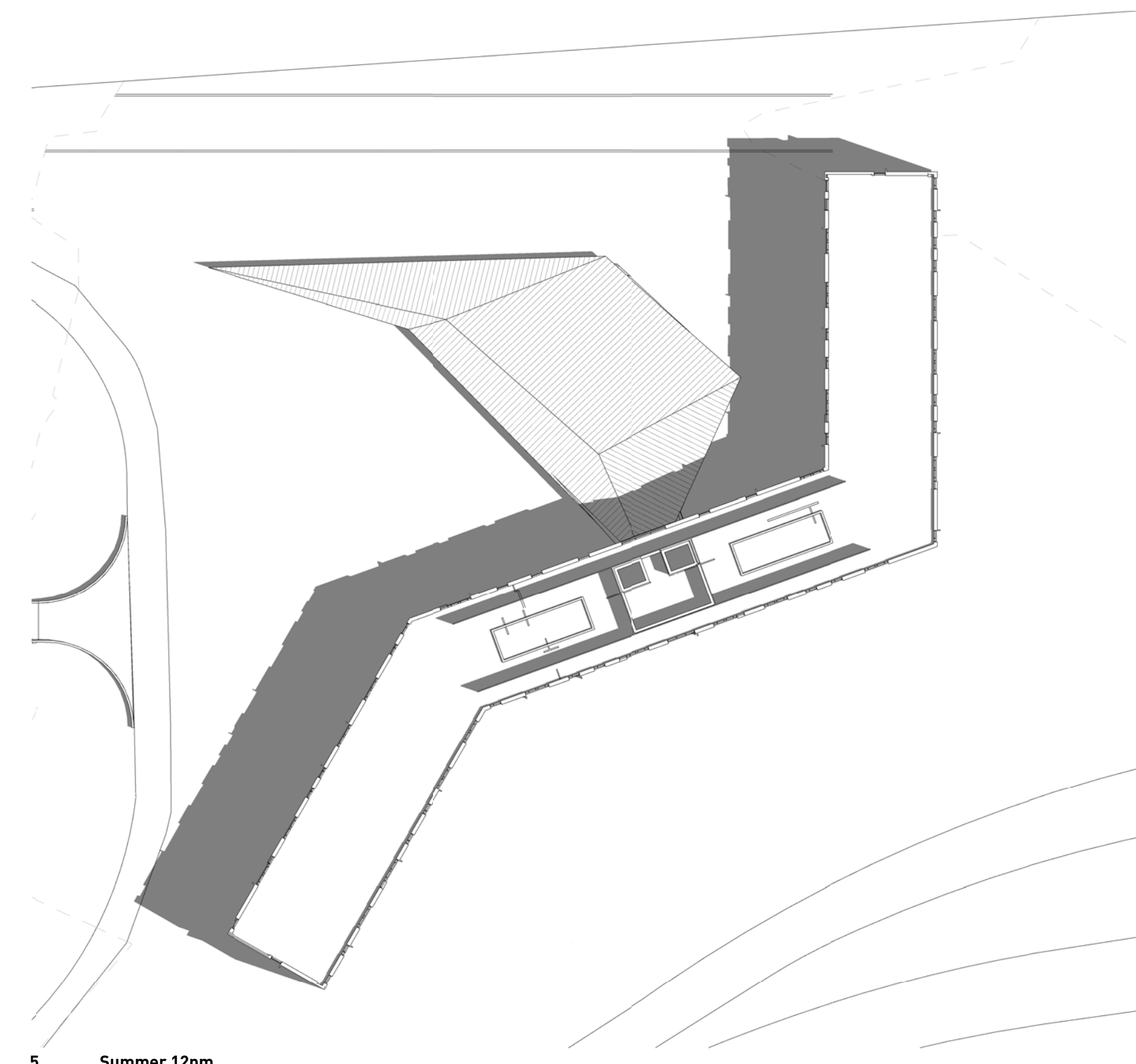
2 Spring 12pm



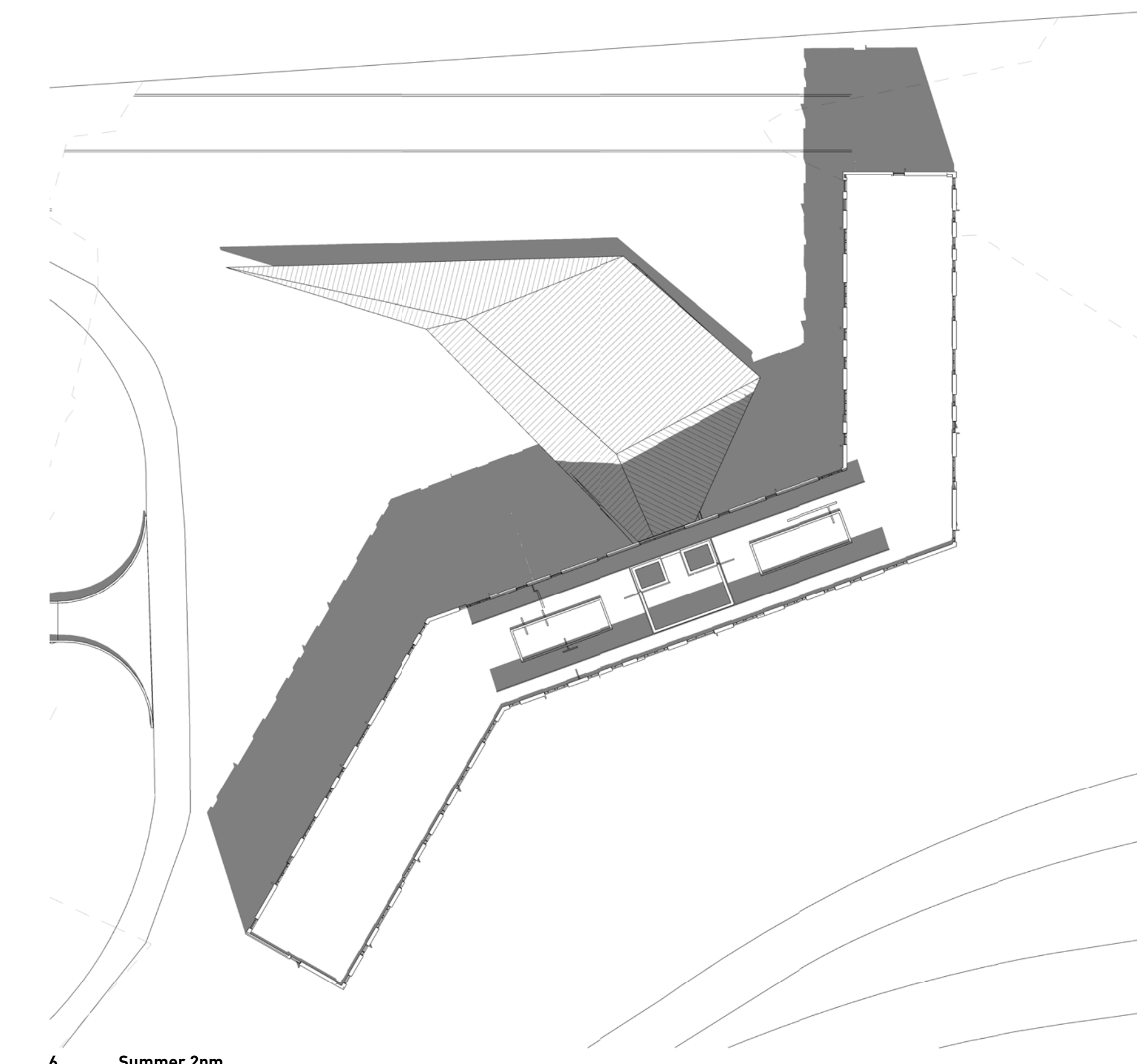
3 Spring 2pm



4 Summer 10am



5 Summer 12pm



6 Summer 2pm

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**UBC Totem Park Infill  
Phase 2**

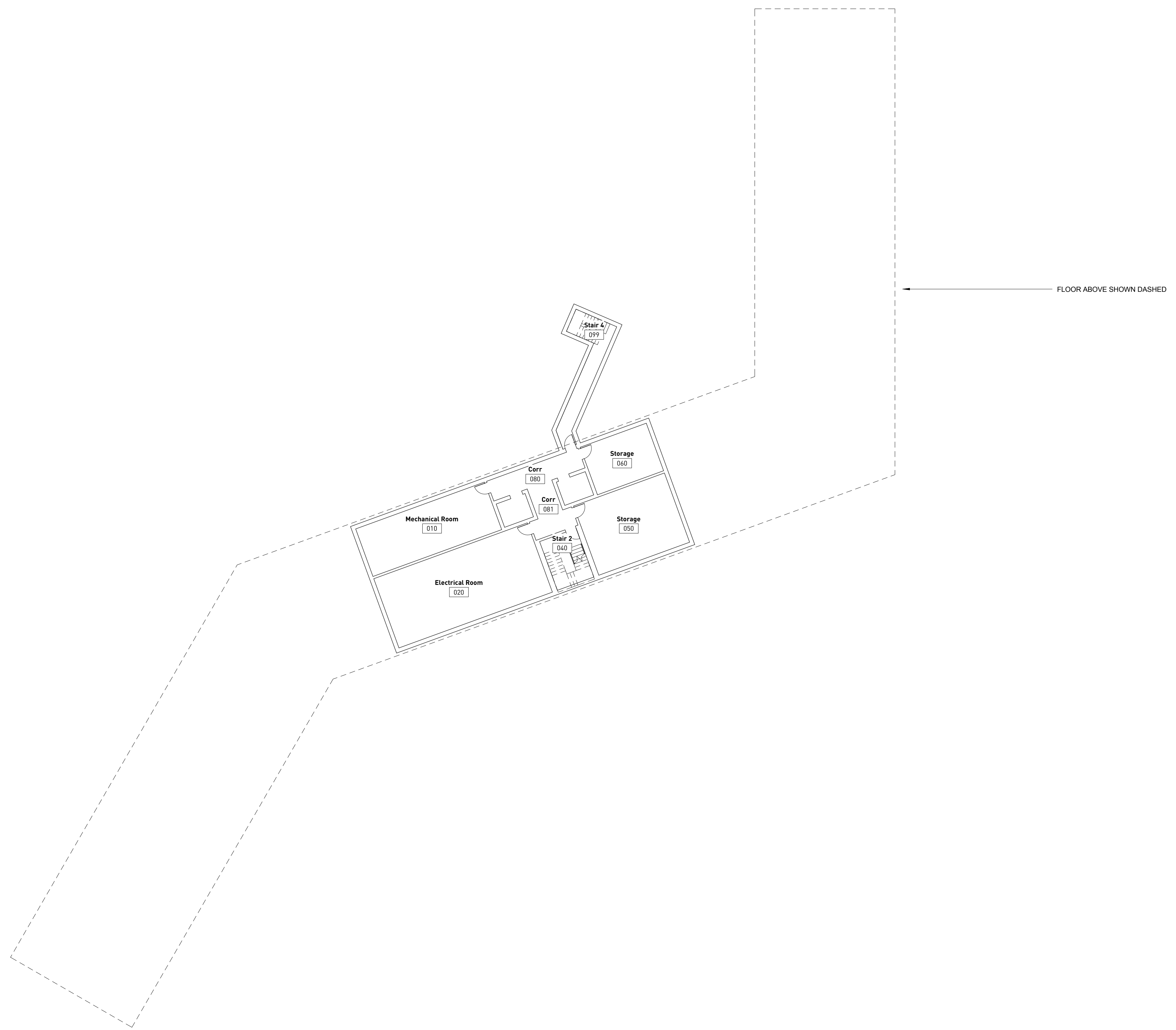
2525 West Mall, Vancouver, BC

PROJECT CODE	STATUS
1537	DD
SCALE	DATE
	September 25, 2015

**Shadow Analysis**

SHEET  
A0.08

ISSUES/REVISIONS	
NO.	DATE



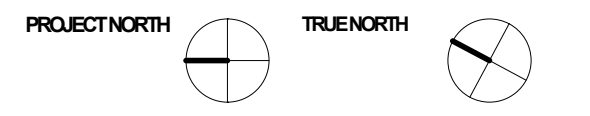
1 LEVEL 0 PLAN  
1 : 200

**public**

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**UBC Totem Park Infill  
Phase 2**

2525 West Mall, Vancouver, BC

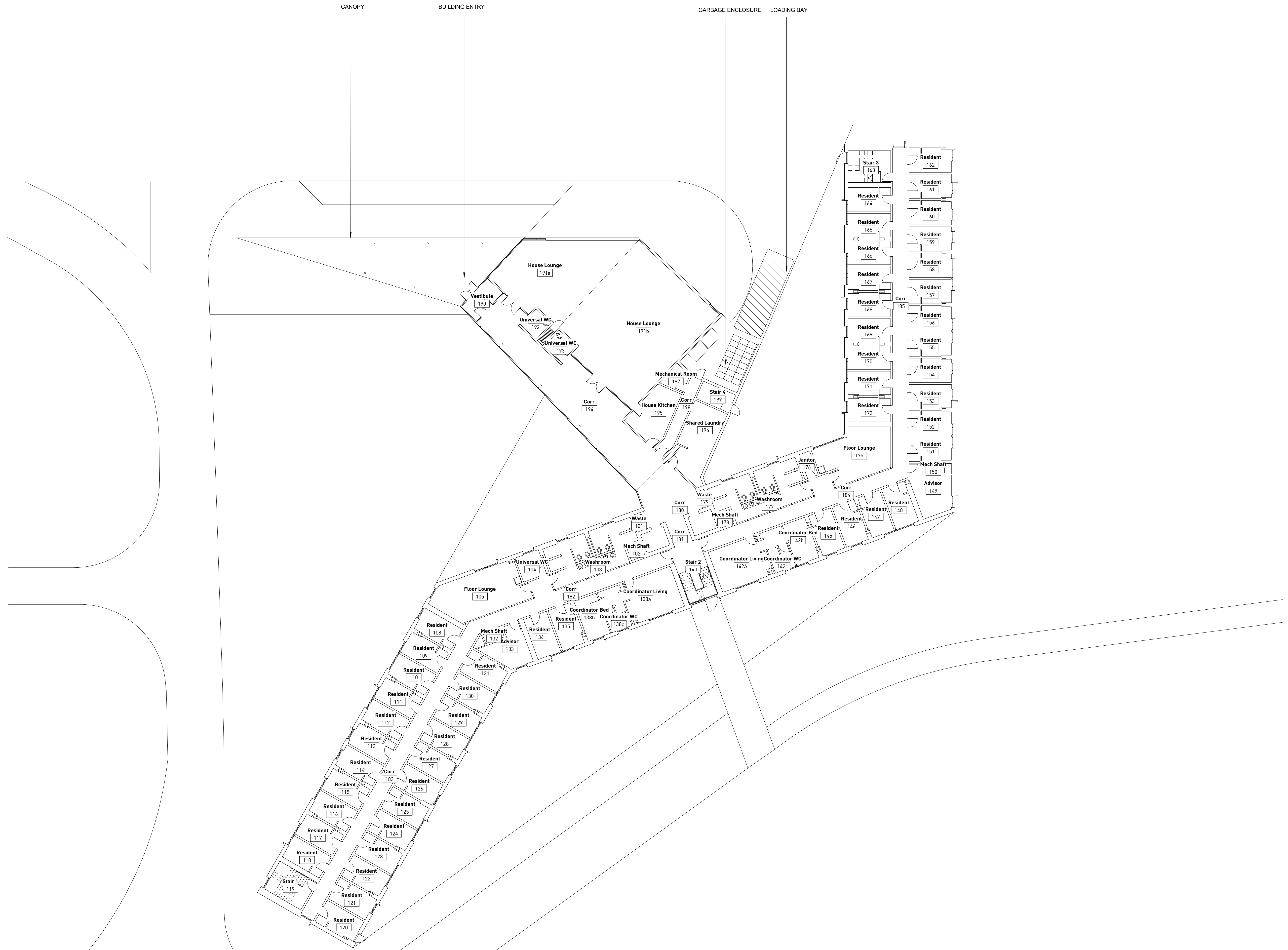


PROJECT CODE 1537	STATUS DD
SCALE 1 : 200	DATE September 25, 2015

**Basement**

SHEET  
**A1.00**

ISSUES/REVISIONS	
NO.	DATE
A	Jan 15, 2015
Revision 1	



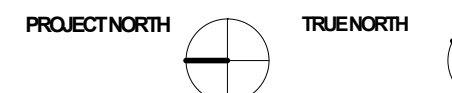
1 LEVEL 1 PLAN  
1 : 200

**public**

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**UBC Totem Park Infill  
Phase 2**

2525 West Mall, Vancouver, BC

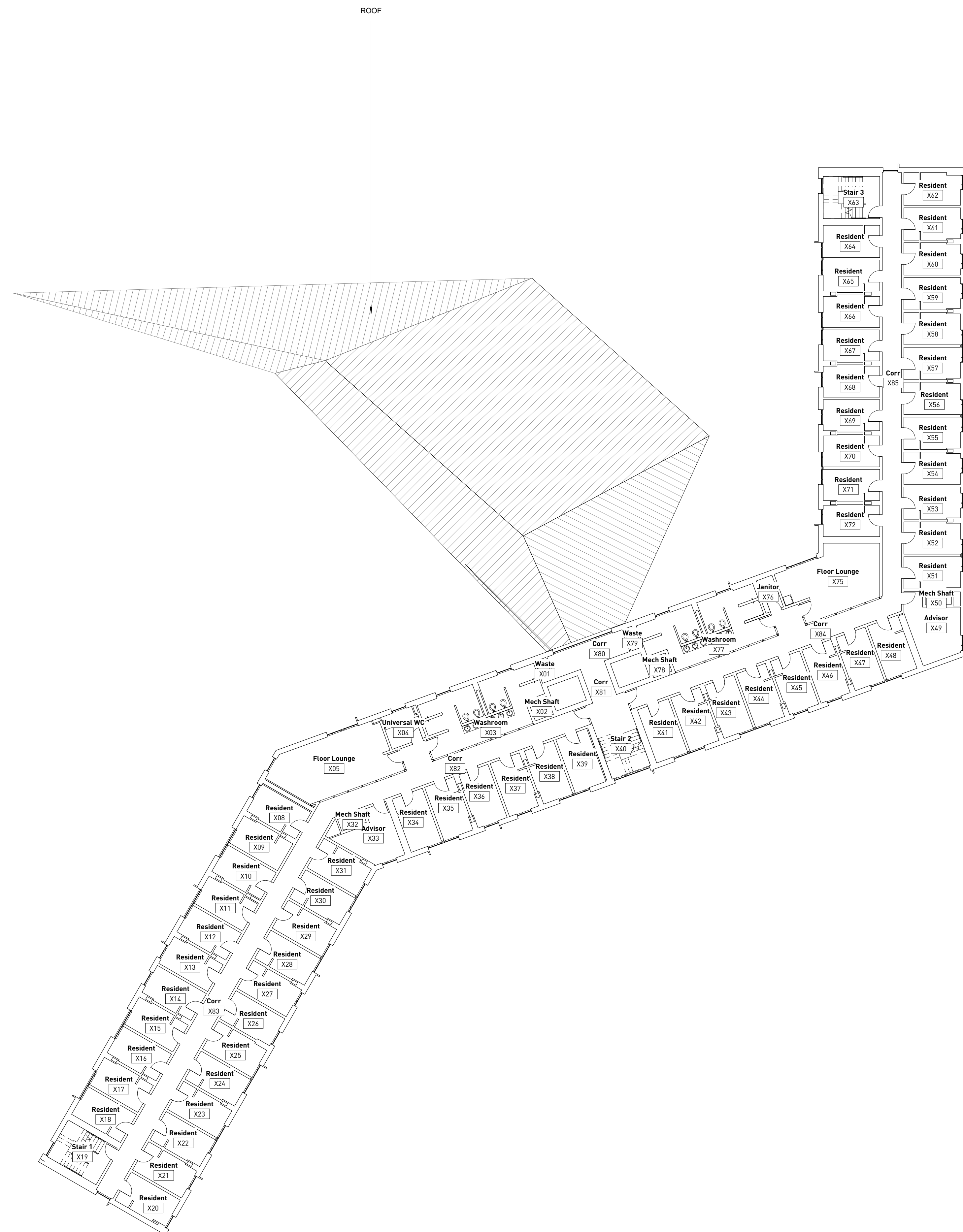


PROJECT CODE 1537	STATUS DD
SCALE 1 : 200	DATE September 25, 2015

**Level 1 Plan**

SHEET  
**A1.01**

ISSUES/REVISIONS	
NO.	DATE



1 LEVEL 3 PLAN

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**UBC Totem Park Infill  
Phase 2**

2525 West Mall, Vancouver, BC



PROJECT CODE 1537	STATUS DD
SCALE 1 : 200	DATE September 25, 2015

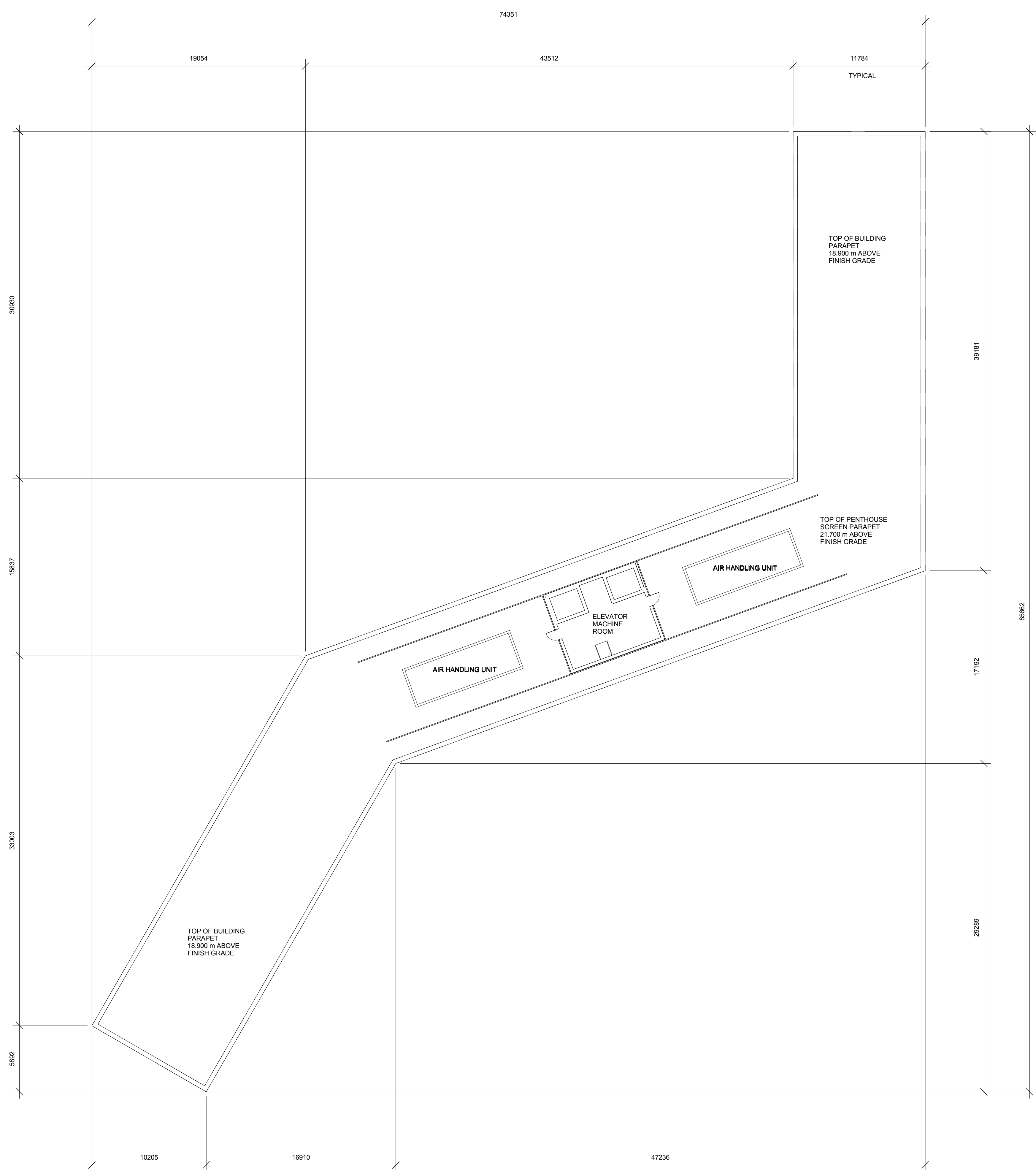
LEVEL 2, 4, 5 AND 6 SIMILAR

**Level 3 Plan**

SHEET

**A1.03**

ISSUES / REVISIONS	
NO.	DATE



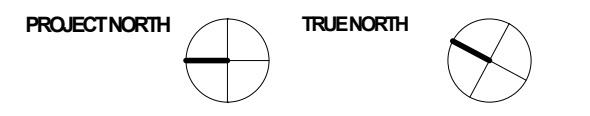
1 LEVEL 7 PLAN  
1 : 200

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**UBC Totem Park Infill Phase 2**

2525 West Mall, Vancouver, BC

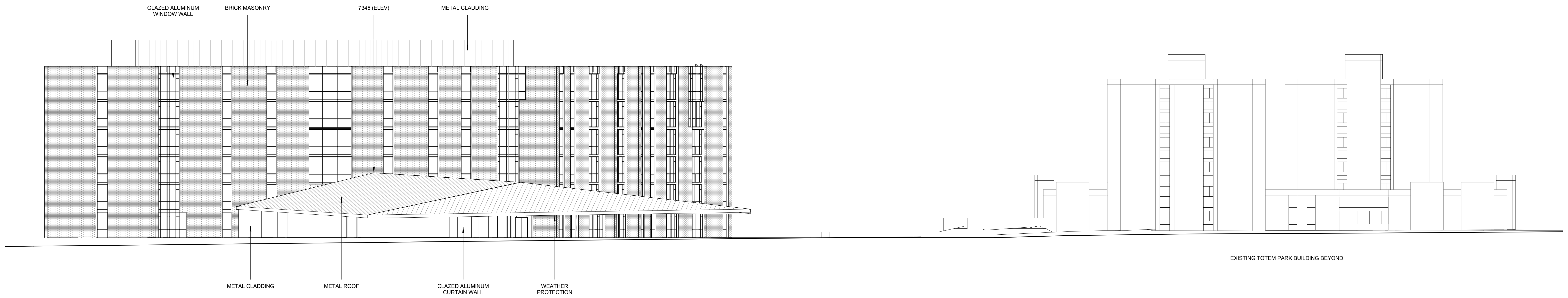


PROJECT CODE: 1537  
SCALE: 1 : 200  
STATUS: DD  
DATE: September 25, 2015

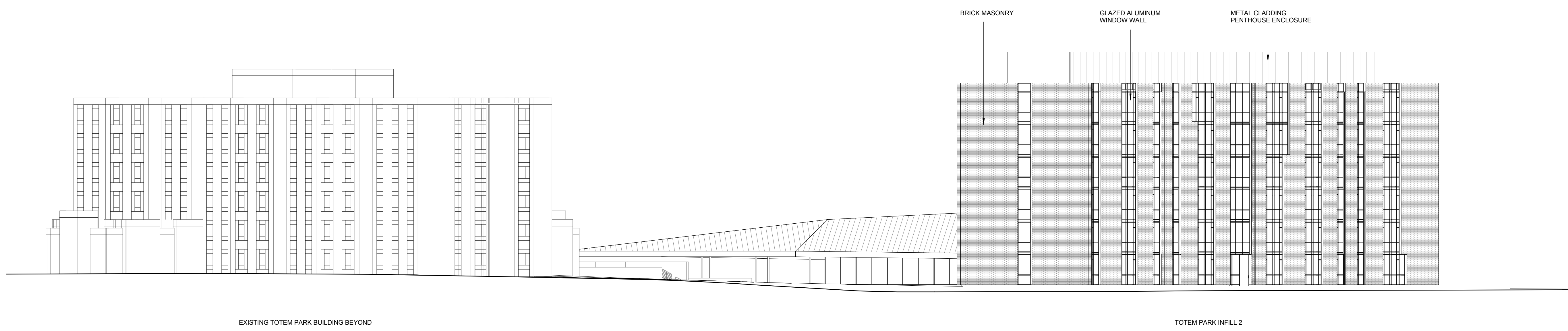
**Level 7 Roof Plan**

SHEET  
**A1.07**

ISSUES/REVISIONS	
NO.	DATE



1 Context Elevation East  
1 : 200



2 Context Elevation West  
1 : 200

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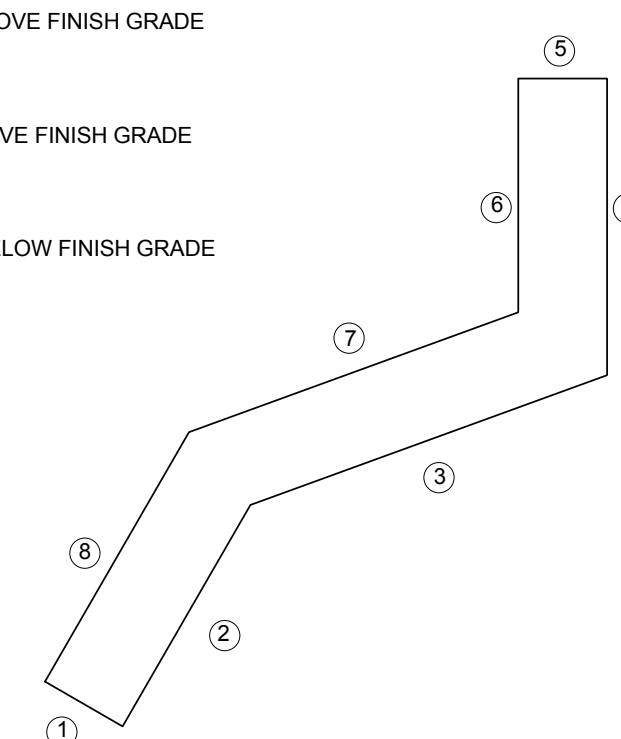
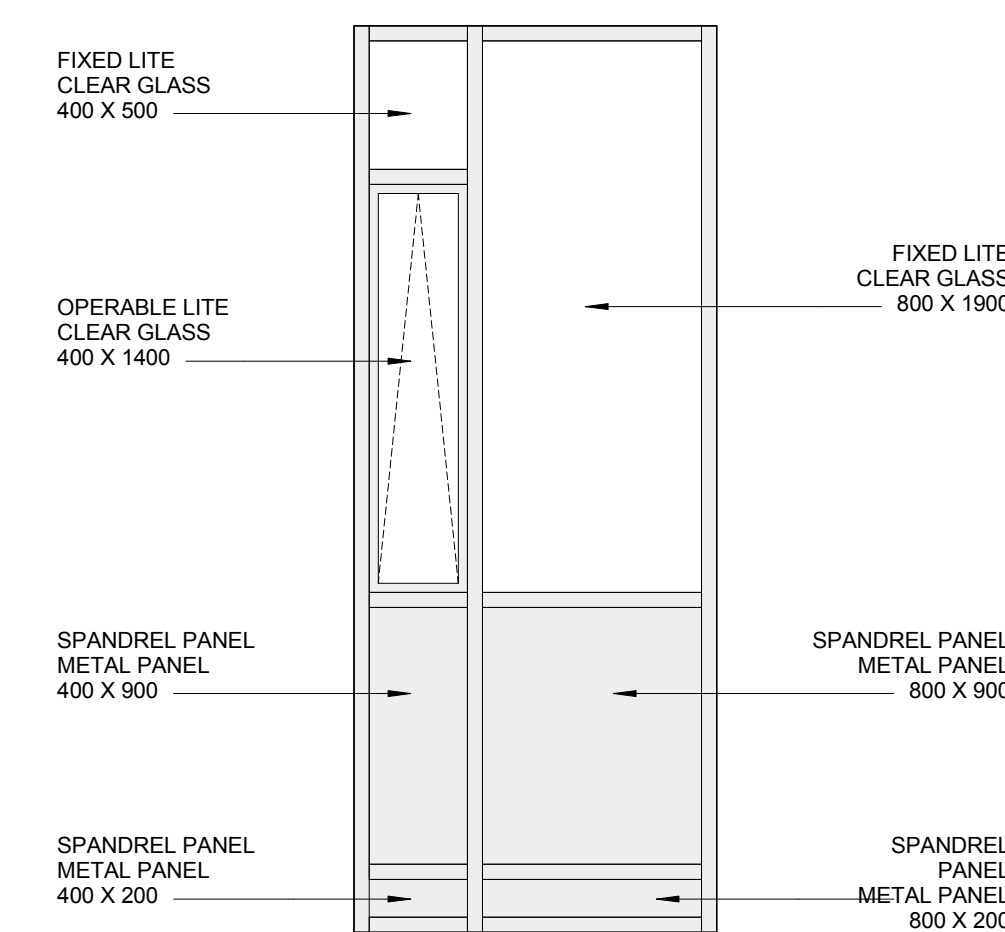
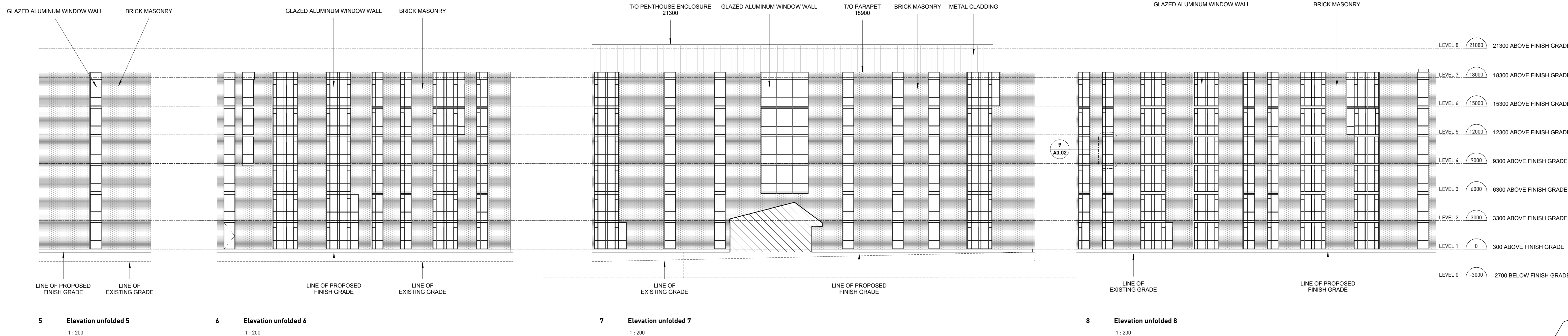
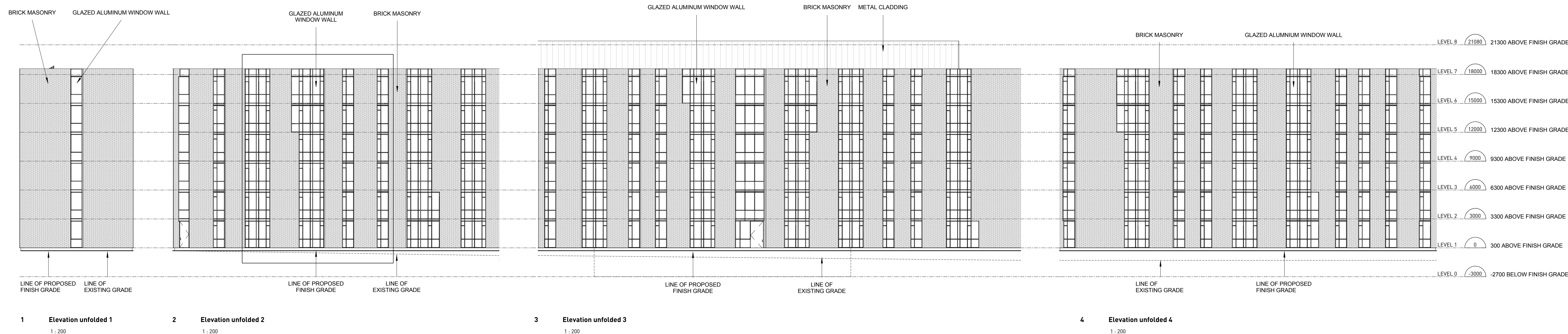
**UBC Totem Park Infill  
Phase 2**

2525 West Mall, Vancouver, BC

PROJECT CODE	STATUS
1537	DD
SCALE	DATE
1 : 200	September 25, 2015

**Context Elevations**

SHEET  
**A3.01**



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**UBC Totem Park Infill  
Phase 2**

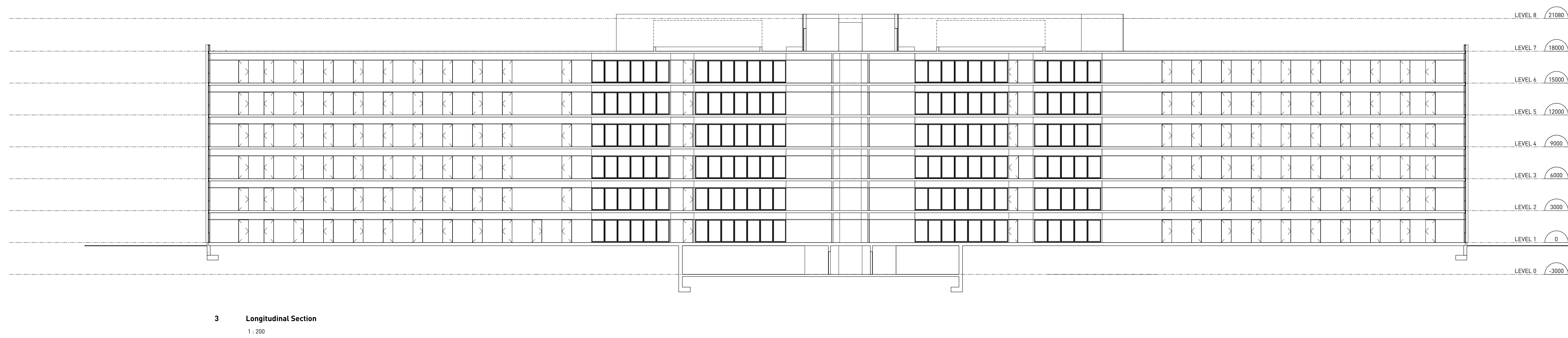
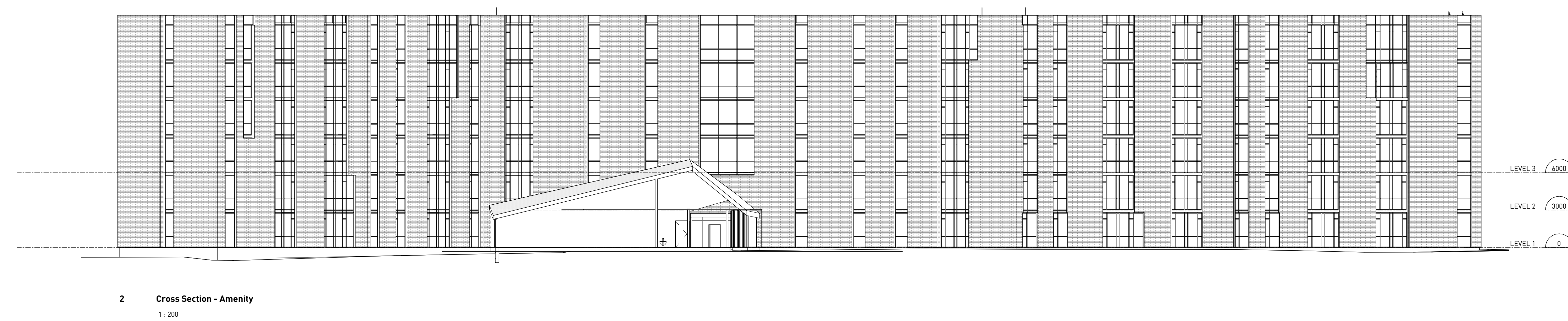
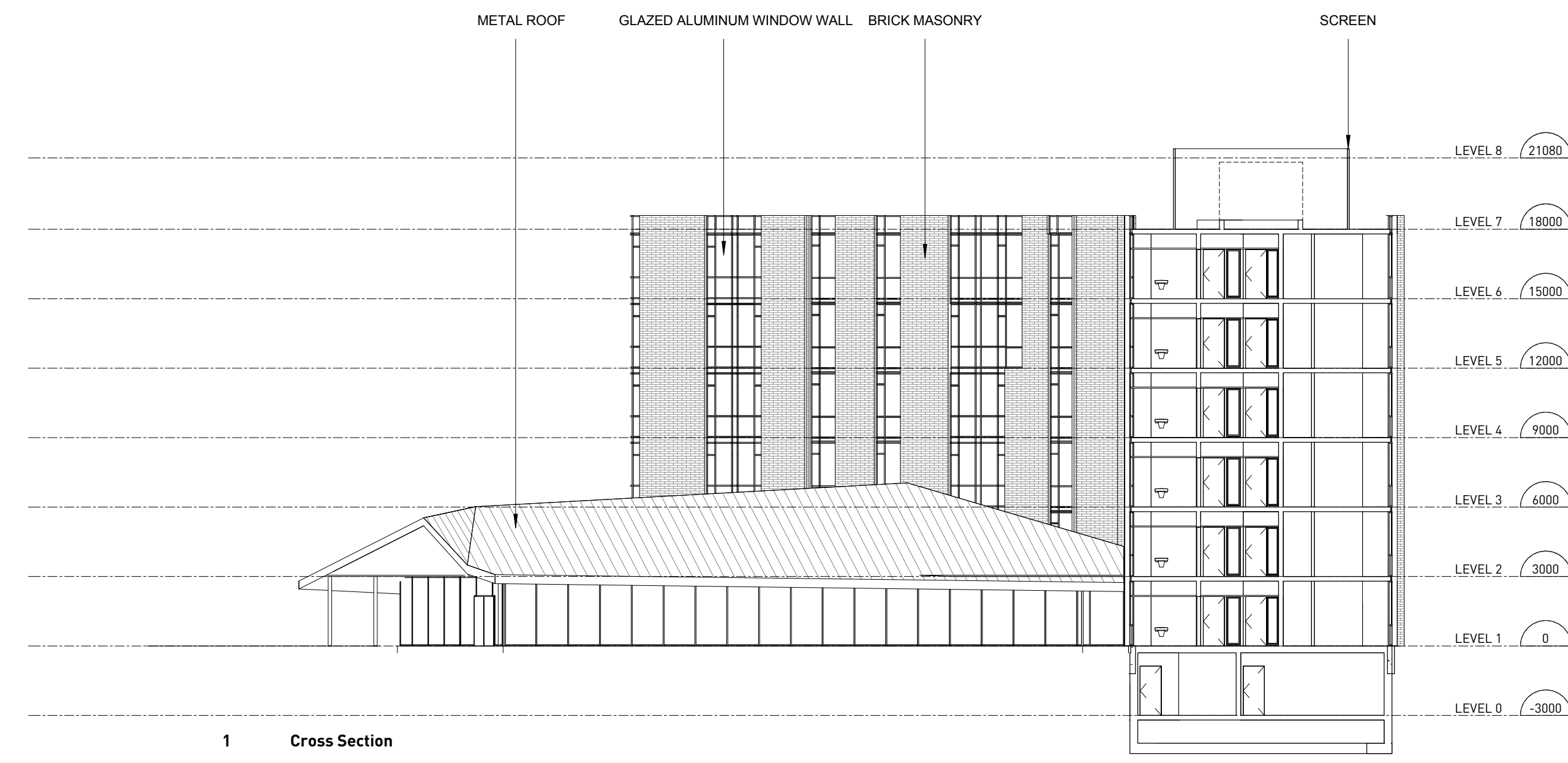
2525 West Mall, Vancouver, BC

PROJECT CODE 1537  
STATUS DD  
SCALE As indicated  
DATE September 25, 2015

**Unfolded Elevations**

SHEET  
**A3.02**





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**UBC Totem Park Infill  
Phase 2**

2525 West Mall, Vancouver, BC

PROJECT CODE: 1537  
STATUS: DD  
SCALE: 1 : 200  
DATE: September 25, 2015

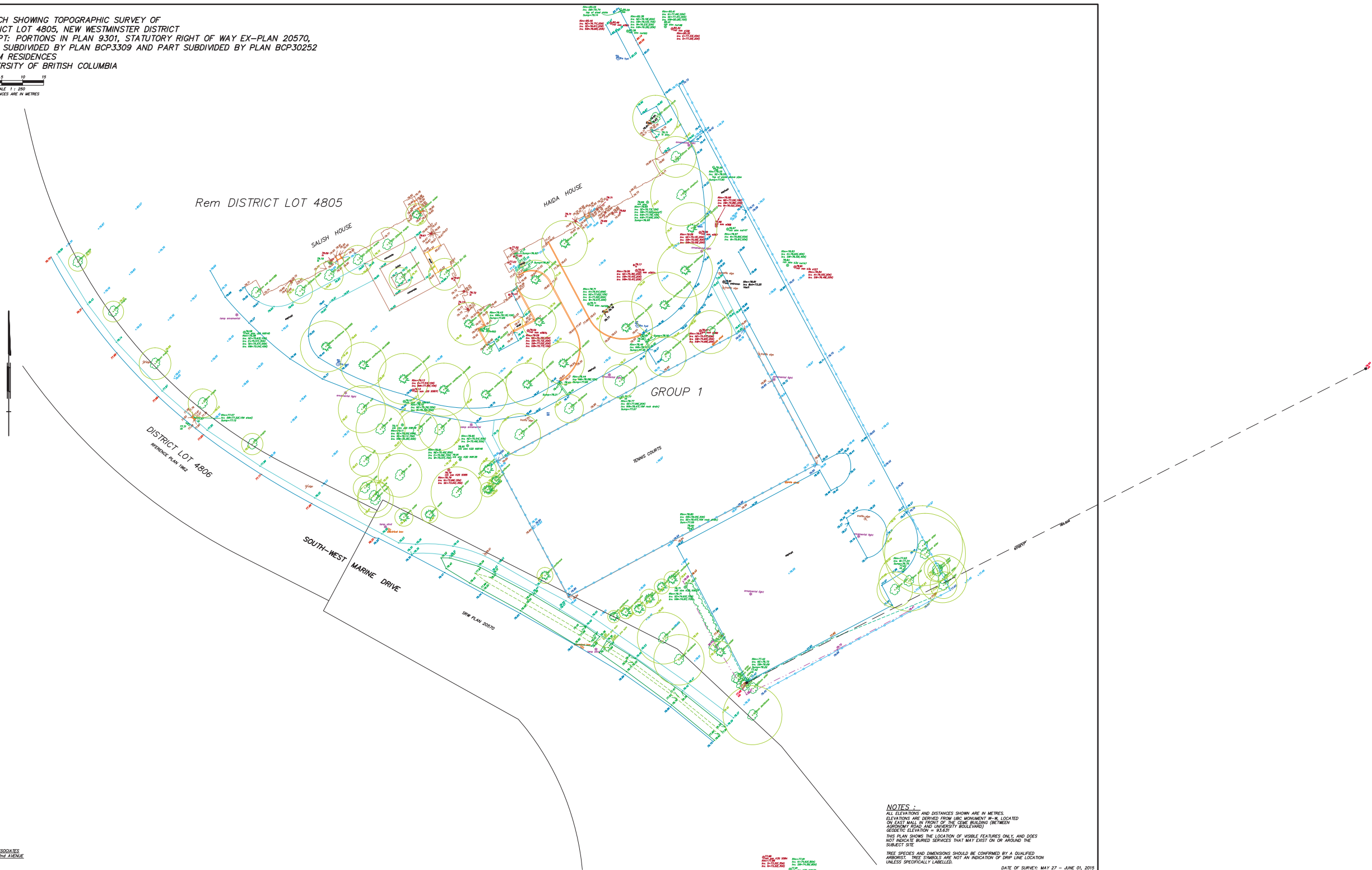
Sections

SHEET

A4.01

SKETCH SHOWING TOPOGRAPHIC SURVEY OF  
DISTRICT LOT 4805, NEW WESTMINSTER DISTRICT  
EXCEPT: PORTIONS IN PLAN 9301, STATUTORY RIGHT OF WAY EX-PLAN 20570,  
PART SUBDIVIDED BY PLAN BCP3309 AND PART SUBDIVIDED BY PLAN BCP30252  
TOTEM RESIDENCES  
UNIVERSITY OF BRITISH COLUMBIA

SCALE 1:1,250  
ALL DISTANCES ARE IN METRES

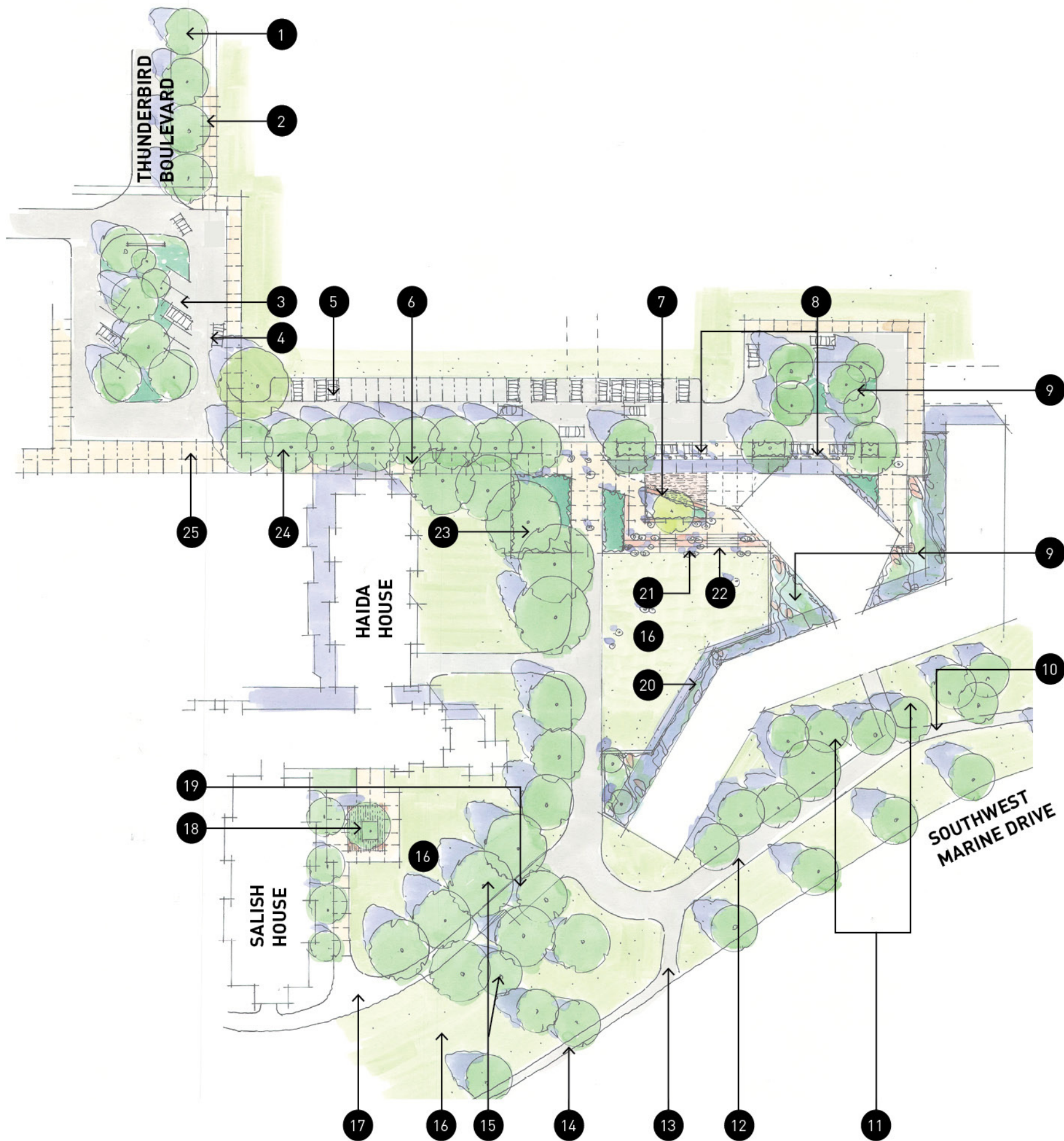


**NOTES :**

ALL ELEVATIONS AND DISTANCES SHOWN ARE IN METRES.  
ELEVATIONS ARE REFERRED TO THE UIC MONUMENT 44-M LOCATED  
ON EAST MALL IN FRONT OF THE QUIN BUILDING (BETWEEN  
GEORGINA ROAD AND UNIVERSITY BUILDINGS)  
GEODETIC ELEVATION = 1985  
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 SHOULD BE CONFIRMED BY A QUALIFIED  
ARBORIST. TREE SYMBOLS ARE NOT AN INDICATION OF DRIP LINE LOCATION  
UNLESS SPECIFICALLY LABELLED.

DATE OF SURVEY: MAY 27 - JUNE 01, 2015  
FILE 861304-3

MURRAY & ASSOCIATES  
201-12468 BIRCH AVENUE  
SURREY, B.C.  
V3W 2G2  
(604) 872-8888



- 1 EXISTING CHERRY TREES
- 2 EXISTING SIDEWALK
- 3 PROPOSED PARKING: 10 STALLS
- 4 PROPOSED TRAFFIC LOOP IMPROVEMENTS (OUTSIDE OF SCOPE)
- 5 PARKING: 33 STALLS
- 6 NEW 3.0M WIDE CIP CONCRETE SIDEWALK CONNECTING TO TOTEM PARK
- 7 HERITAGE NODE WITH BRICK PAVING, TREE AND PLANTING
- 8 TWO CAR DROP OFF AREA C/W BOLLARDS AS PER NORTH TOTEM DROP OFF LOOP
- 9 RAIN GARDEN AND FOREST REMNANT CHARACTER PLANTING
- 10 NEW BIKE TRAIL CONNECTION
- 11 FOREST REMNANT CHARACTER PLANTING WITH MEADOW
- 12 FIRE ACCESS LANE AND COMBINED BIKE TRAIL
- 13 NEW BIKE TRAIL CONNECTION
- 14 EXISTING BIKE TRAIL
- 15 EXISTING TREES TO REMAIN
- 16 LAWN
- 17 EXISTING SERVICE LANE TO REMAIN
- 18 EXISTING HERITAGE NODE WITH BRICK PAVING, TREE, AND PLANTING
- 19 WIDENED FIRE ACCESS AND SERVICE LANE
- 20 LOW LANDSCAPE WALL PER INFILL PHASE ONE NORTH RAIN GARDEN
- 21 SEAT WALLS
- 22 STAIRS
- 23 NEW PLANTER AREA
- 24 SOD BOULEVARD WITH TREES
- 25 EXISTING CONCRETE SIDEWALK AND TOTEM ROOF COVER