450 ROCHESTER FORMAL UDRP REVIEW JUNE 5th, 2020

HOBIN

ARNON



450 ROCHESTER DESIGN BRIEF

HISTORICAL CONTEXT

Since the establishment of Little Italy in the early 1900's, the site at 450 Rochester and its neighbourhood has evolved considerably. In the early 1900's, the site was at the centre of this working class community and was predominantly vacant. It was likely used in some capacity for some of the nearby rail yard activities.

In the 1950's, the neighbourhood densified and saw growth in residential homes and various commercial and industrial establishments. Concurrently, the site also developed and assumed an industrial identity. The western edge along Preston street was mainly residential in nature, but the remaining majority of the site was occupied by industrial buildings. The largest building on the site was a shipping facility of some kind along with other smaller industrial buildings. Another important development during this period was the creation of the eastern part of Beech Street, which created a stronger connection to the neighborhood to the east.

The implementation of the Queensway in the early 60's brought additional growth and development to the surrounding area. Notably, the establishment of major Government buildings to the east of the subject site added additional vibrancy to the area. The site generally remained the same during this period and continued its industrial activities.

From the 70's to the 90's, 450 Rochester's industrial heritage began to erode and the buildings that once existed here slowly began to disappear. Except for the houses along Preston Street, the site eventually became vacant once more and served as a parking lot to support the large number of automobiles serving the large Government buildings.

Since becoming vacant, the site has been a home for automobiles for nearly 30 years. It is now time to make it a home for *people*. Our objective is to transform this large integral piece of land and redevelop it into a vibrant mixed-use development that Little Italy so deserves.

The proposed project seeks to redevelop the land into two mixed-use buildings. The development would be broken down in two phases. The West phase would be the first to be constructed.

PHASE 1 DEVELOPMENT (WEST)

The west phase proposes a 9 and 15-storey mixed-use development featuring a corner plaza at the corner of Preston and Beech Street. A two-storey underground parking garage will provide parking spaces for both the public and residential tenants. This phase would see various ground floor commercial/retail spaces. We anticipate a food store and a pharmacy to be the main tenants for the primary retail spaces. A three-storey commercial/retail piece will front onto Preston and is intended to frame the plaza and maintain a reasonable scale along Preston. Two residential entrances will be located on Aberdeen Street with this phase proposing approximately 295 units. Rooftop amenity spaces will be provided.

PHASE 2 DEVELOPMENT (EAST)

The east phase proposes a 26-storey mixed-use development and also features a corner plaza at the corner of Rochester and Beech Street. A three-storey underground parking garage will provide parking spaces for its residents. This development anticipates some ground floor commercial/ retail spaces to the south along Beech Street. This phase proposes approximately 245 units. Rooftop amenity spaces will be provided.

KEY DESIGN NARRATIVES

There are several key design narratives that were carefully considered for this development which helped guide our massing and design considerations.

1-GREEN SPACE CONNECTION AND PUBLIC REALM

Green Space Connection

In the context of a large development such as this one, it is critical to consider the hierarchy of streets, public spaces and linkages between these spaces to ensure that the development is not designed in isolation, but rather in a manner that relates to its current and future context. This proposed development acknowledges other future developments around our site and takes into consideration the future public spaces that are contemplated in the area. As such, we have developed our key public spaces to reflect the current and future urban fabric around our site.

Public Realm

Creating strong public spaces has always been one of our primary objectives for this proposal. However, planning for these spaces requires a broader understanding of the site's current and future context. Beech Street is the most appropriate street to host such spaces, given its existing animated nature and its orientation. Also, Beech Street is an important East and West axis which will connect to a larger network of parks, public spaces and multi-use pathways.

Our design proposes a large plaza at the corner of Beech and Preston. The intent of this plaza is to provide a certain level of flexibility while providing some programmed spaces via hard and soft landscaping. We have the ambitious intent to extend the ground treatment across the streets to suggest a much larger space during special events. We see this plaza as a new focal point of Little Italy where 2 one can host cultural events and provide daily enjoyment for the community.

Another Plaza is planned for the corner of Beech Street and Rochester which will complement the ground level commercial and retail spaces. The proposed edge condition along Beech Street is also intended to be developed as a linear park. Through hard and soft landscaping, we intend to create a green buffer along this edge linking both plazas together and creating a stronger pedestrian axis through the site.

Additionally, we have allowed for some site porosity between both phases via a short-term surface parking area for the commercial and retail tenants. Although designed for parking, the design intent for this woonerf is to remain flexible for special event and should not feel like parking but a pedestrian thoroughfare. Appropriate use of materials will reinforce this effect.

Inherently linked to the public realm, the following themes are also critical to consider in order to successfully integrate this development within the existing urban fabric of Little Italy.

Pedestrian Experience

Creating and maintaining a strong pedestrian experience was a critical aspect for the vision of this site. Weekend or weekday, all of the streets bordering 450 Rochester are regularly used by pedestrians. Due to the inherent commercial nature of Preston and Beech Streets, it was important that our development recognize and contribute to this rich pedestrian experience by designing appropriately scaled edge conditions and with appropriate programming along those streets. Aberdeen Street, being more residential in nature, was a good place to situate both of our residential entrances for the first phase. Towards the east side of the site, Rochester Street will also see significant transformation through both the redevelopment of the site and the proposed Canada Lands redevelopment. These developments would see Rochester becoming a complete street, promoting various uses along the street with a much improved pedestrian experience.

Street Animation

Curating animated uses at the ground level is imperative in creating and maintaining a vibrant urban experience for both the existing community and our proposed development. We anticipate that some of the retail tenants will be animating the sidewalk spaces with their own programs. In addition, our proposed landscape plan proposes spaces where people can rest and interact along this animated street which will add liveliness to the pedestrian experience.

Retail Visibility

Retail visibility is critical for any commercial or retail viability. Ensuring that retailers are highly visible and are functionally supported by their required logistical requirements is critical in attracting key tenants. Creating a balance of commercial and retail uses is also important when considering the synergy of the development and existing context. Among others, the anticipated food store and liquor store will likely be welcomed features by the community.

2-BUILT FORM

The built form breaks down the massing into three distinct elements; the ground level edge condition, six-storey podium and the high-rise elements. Considering the existing and future context of the site was instrumental in developing the proposed massing for the development. The proposed massing responds the tall building corridor along Rochester Street and transition in height from Preston to Rochester. Understanding the existing and future built environment around the site allowed us to properly establish building heights and plan key functional elements for the development. The residential components offer multiple step backs and various heights will benefit from potential terrace spaces, great sun exposure and views. From street level, the articulation of the masses provides a better transition to height. In addition, both private and shared roof terraces are anticipated in both phases.

3-URBAN FABRIC

Similarly to the Built Form, the same elements are developed to address different conditions. The ground level edge condition proposes a six-metre masonry edge at grade. The generous glazing provides an open and engaging atmosphere at ground level which provides strong retail visibility and animates the street edge. The six-storey podium is created by a strong red brick datum line across the site. The red masonry echoes the heritage buildings East of the site which served as inspiration when considering materiality and form.

To contrast the six-storey masonry podium, the high-rise elements above the sixth floor will be composed of lighter materials which will complement the height and massing of the residential towers.

4-PARKING & SERVICING

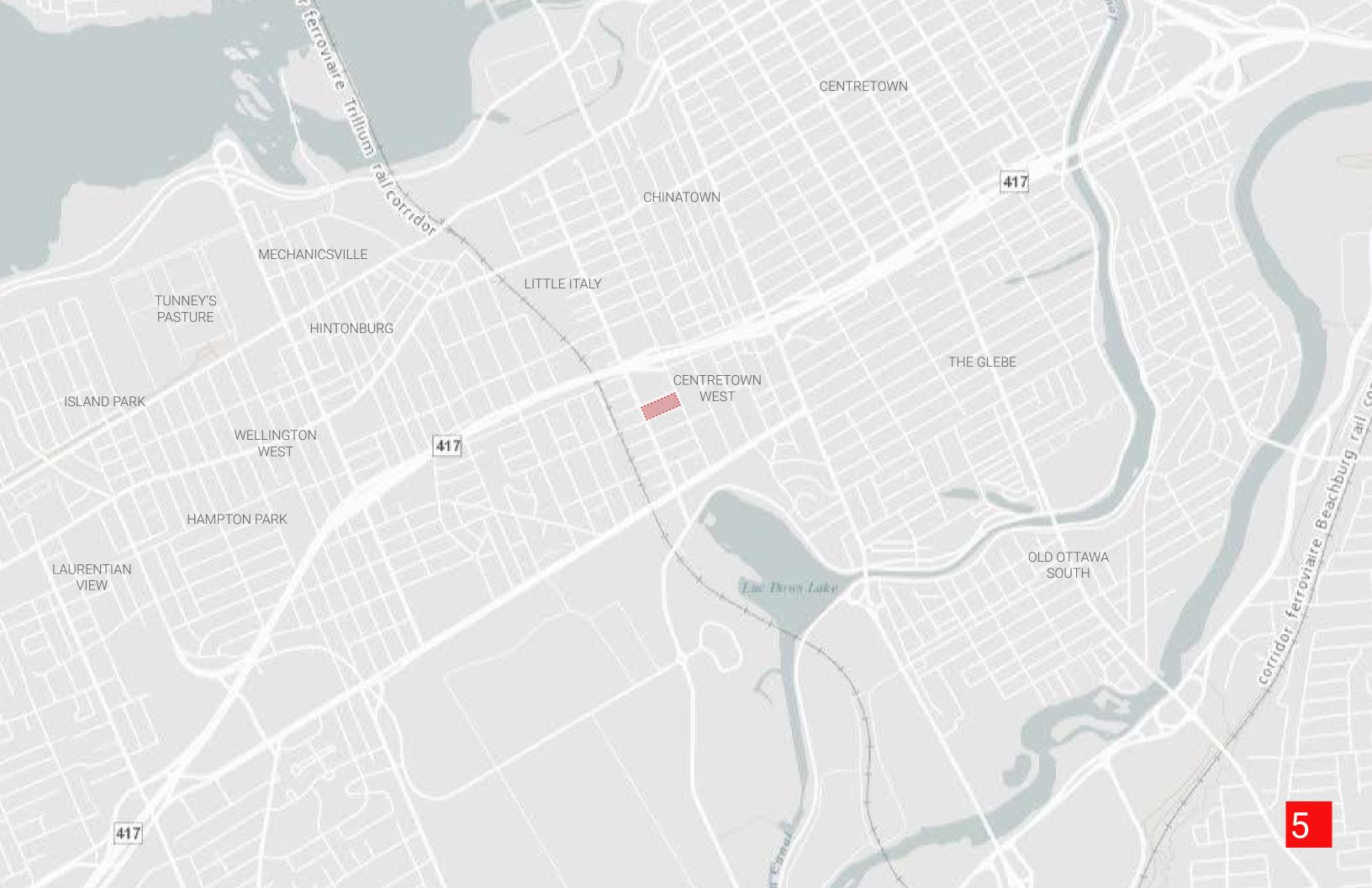
We are proposing a two-story underground parking garage which would provide parking for both the public and the residents. Access to a public elevator and stairs to the parking garage will be provided on Beech Street and is shared between both major tenants on the ground floor. Access to the parking garage has been located off of the central woonerf between both phases. A temporary loading bay for tenants is also located next to the parking garage entrance. The commercial loading area for the large commercial/retail spaces will be located at the north west corner of the lot off of Aberdeen. This will minimize congestion on Preston and Beech street.

To conclude, we believe that this development will bring many positive elements to Little Italy and that the redevelopment of 450 Rochester is the missing piece toward a truly great neighborhood. Ambitiously, we see this becoming the new heart of Little Italy.

Thank you.

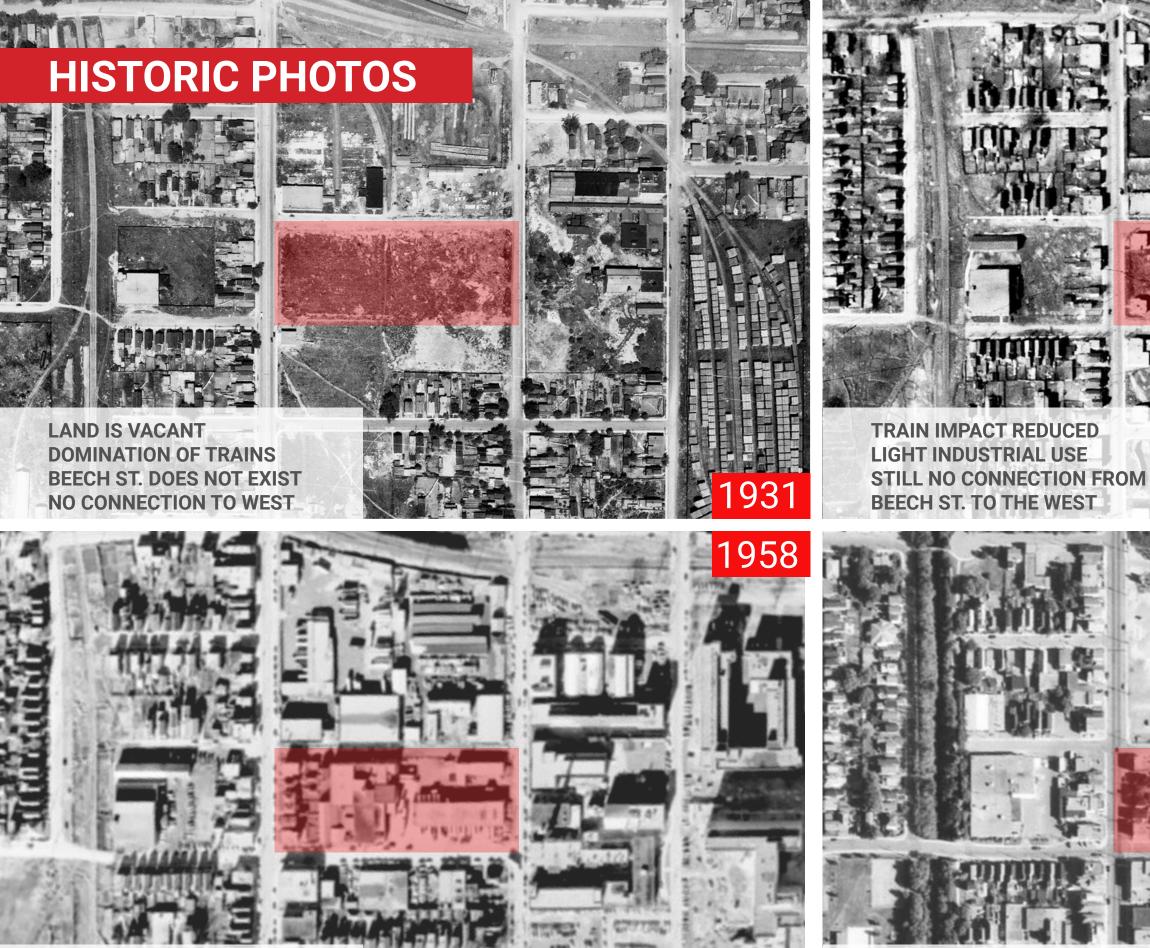




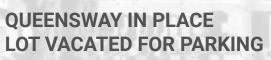


1928 PROJECT LOCATION





TRAINS REMOVED DOMINATED BY WAREHOUSES NEW GOVERNMENT CAMPUS





SUBJECT PROPERTY - 1965



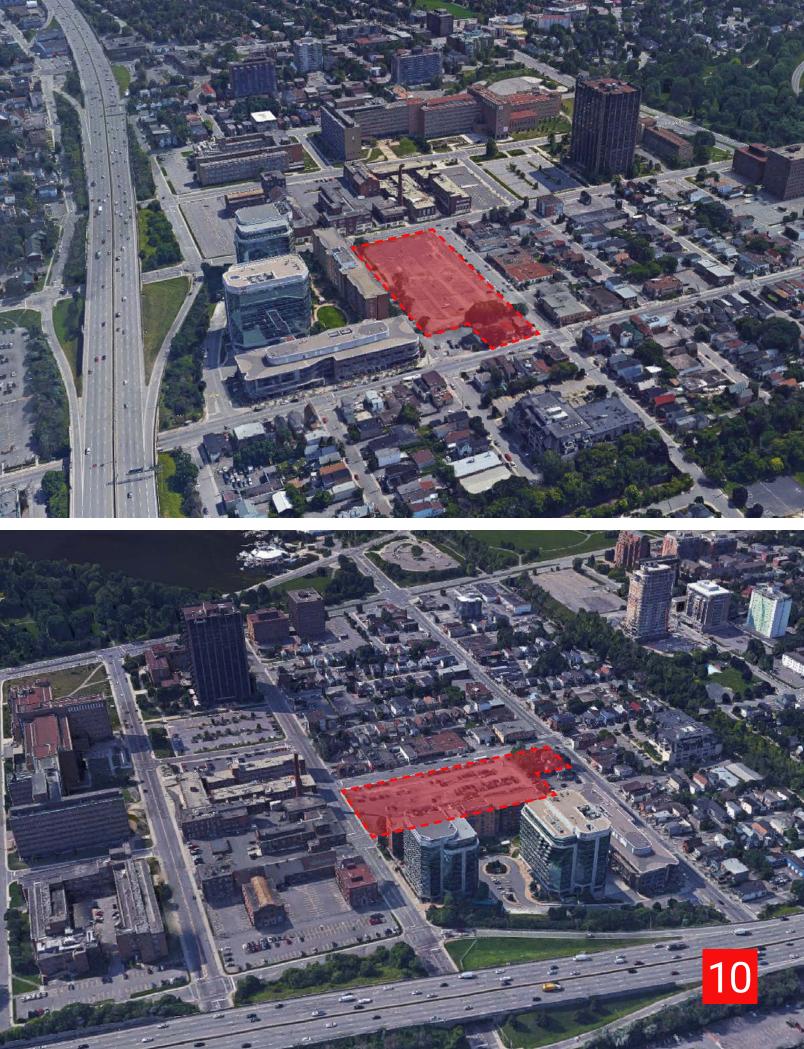
SUBJECT PROPERTY - CURRENT DAY

LIC

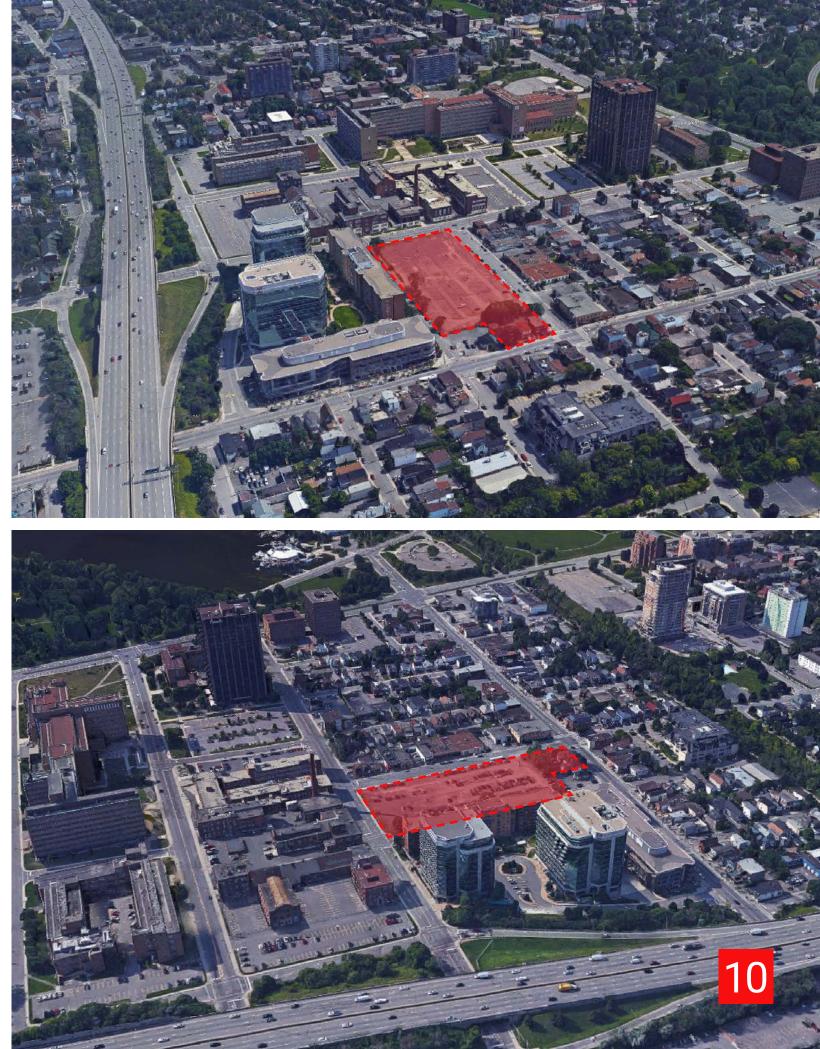


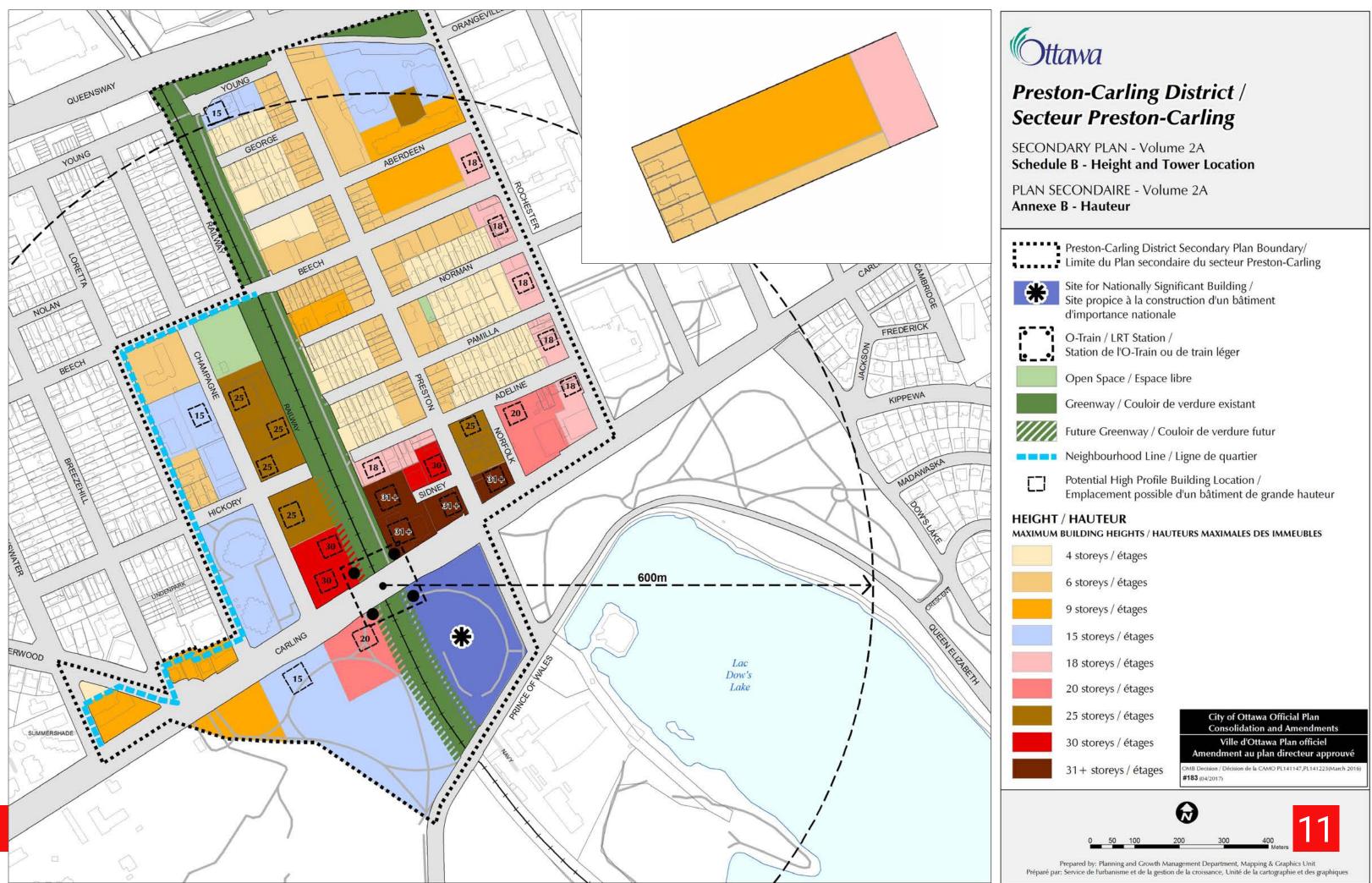












GREEN SPACE CONNECTION

PUBLIC REALM

BUILT FORM

URBAN FABRIC

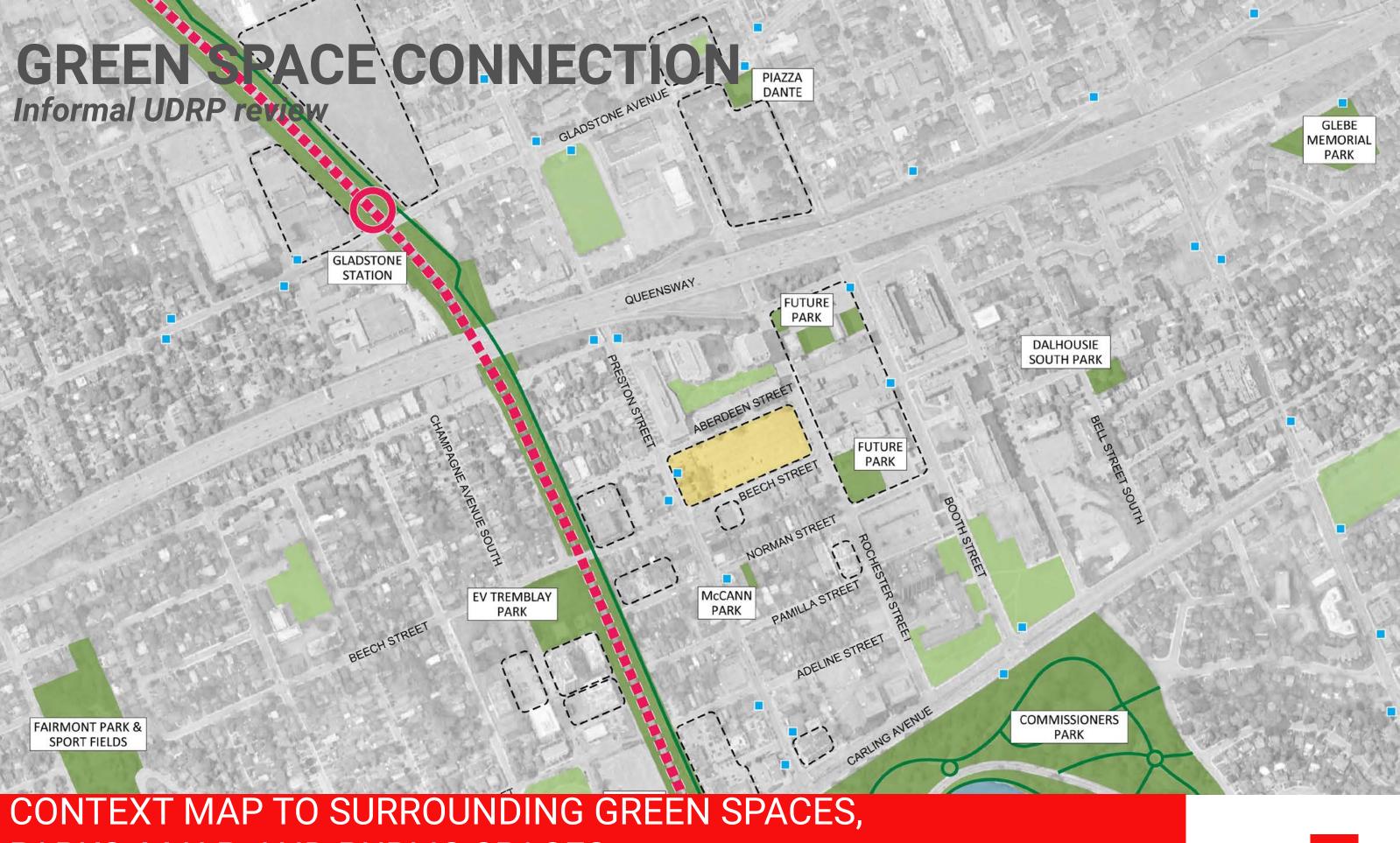


GREEN SPACE CONNECTION

"It is critical to consider the hierarchy of streets, public spaces and linkages between these spaces to ensure that the development is not designed in isolation, but rather in a manner that relates to its current and future context." *From informal UDRP review*



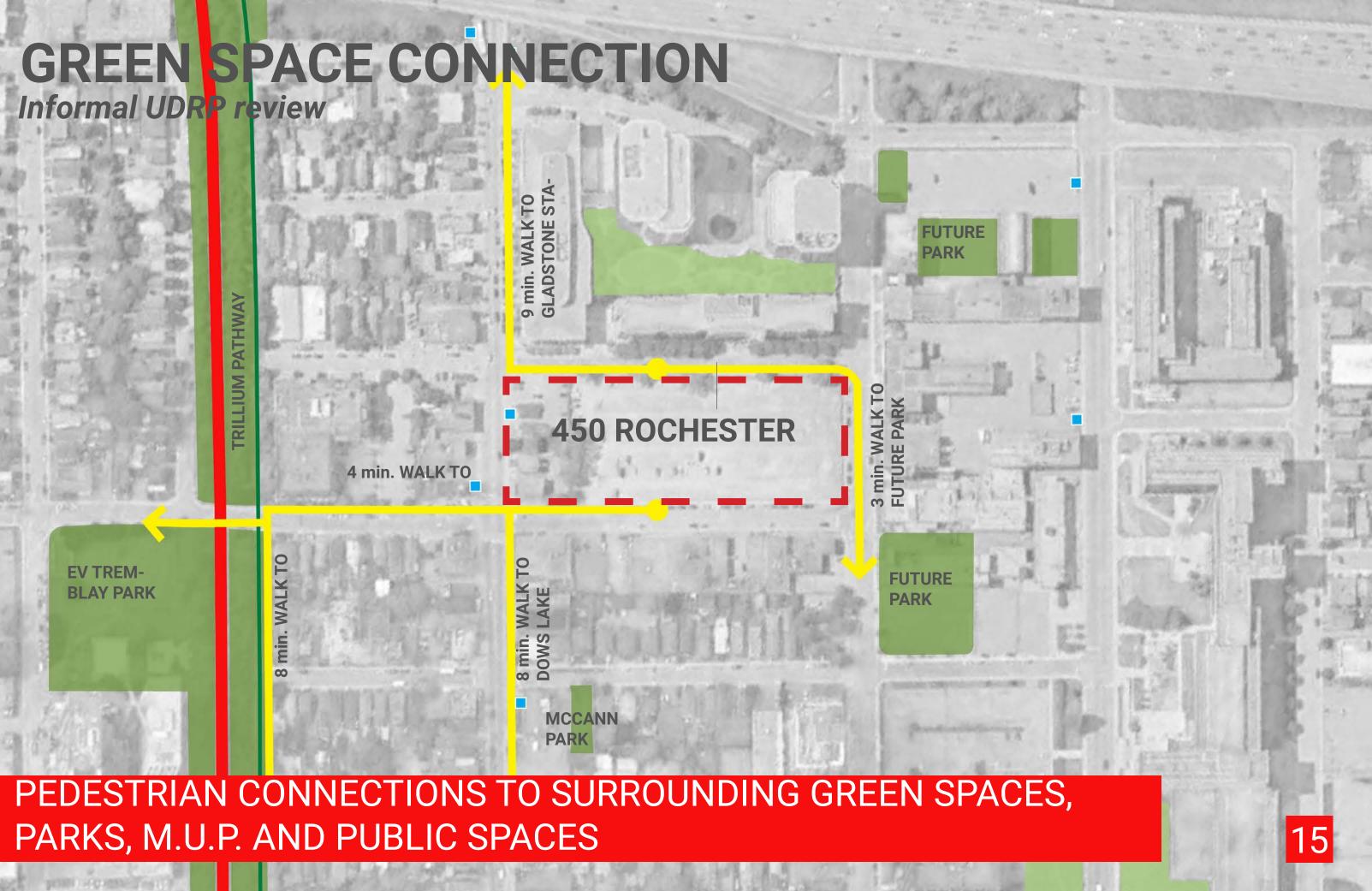




PARKS, M.U.P. AND PUBLIC SPACES

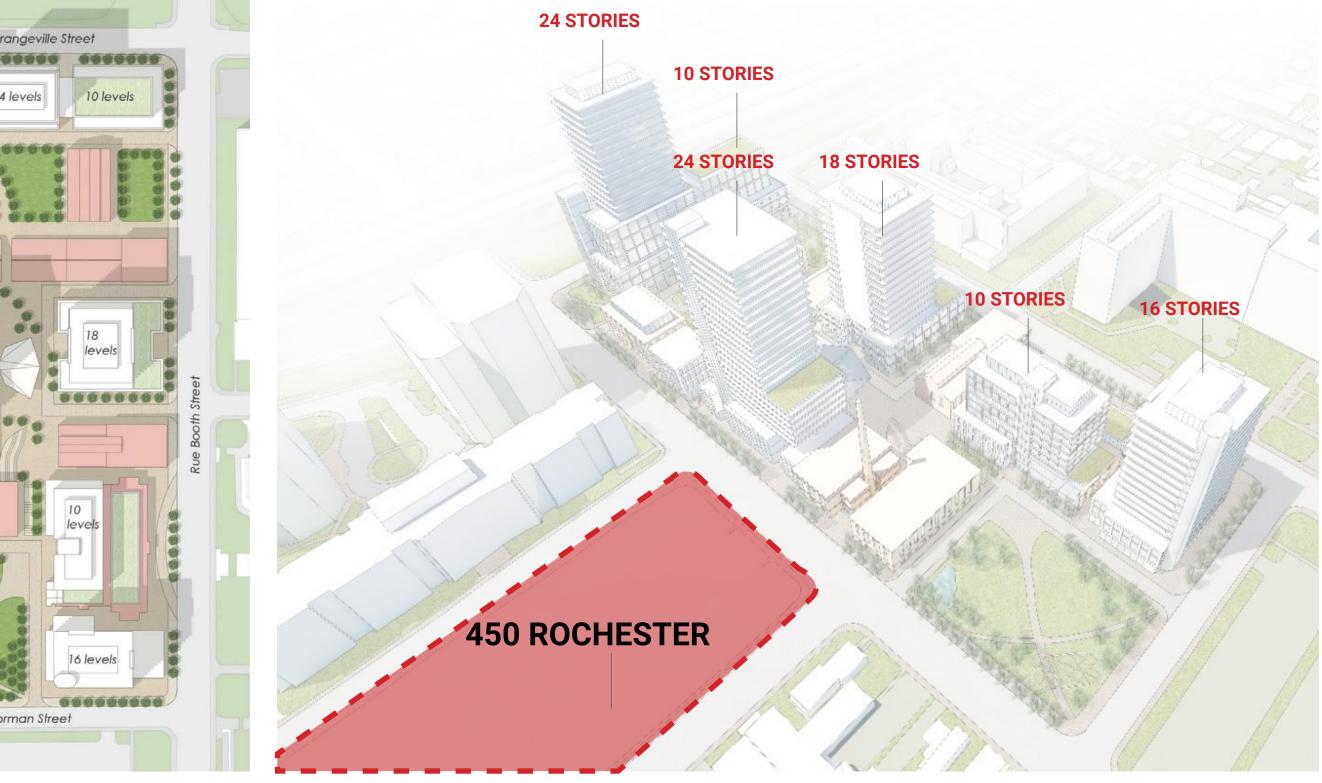


Informal UDRP review



GREEN SPACE CONNECTION





Canada Lands Redevelopment - Context



PUBLIC REALNO



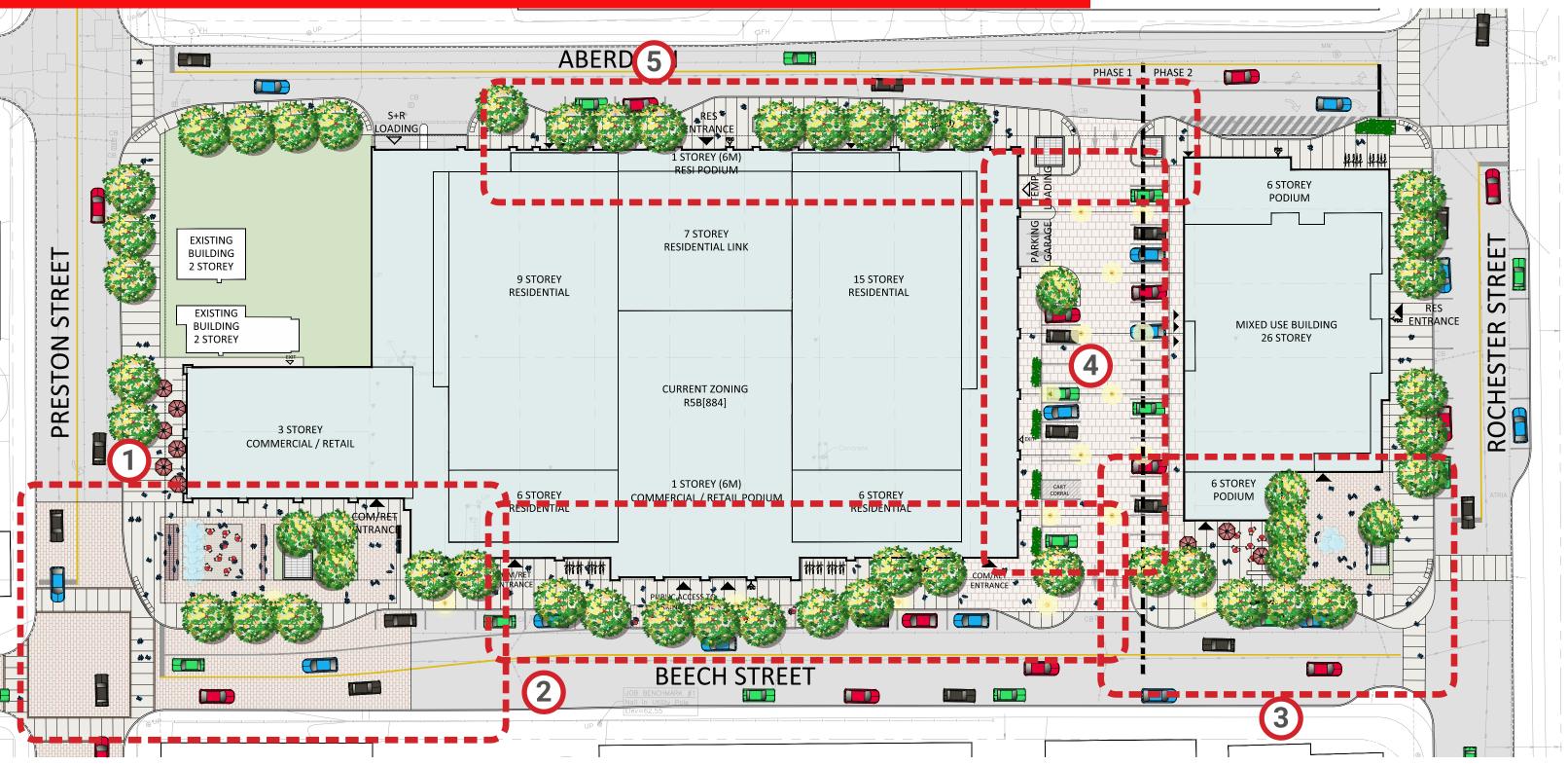


-CREATE FLEXIBLE PUBLIC SPACES THAT HAVE THE ABILITY TO HOST LOCAL CULTURAL EVENTS -PROVIDE QUALITY EXTERIOR SPACES FOR COMMUNITY ENJOYMENT. -PROVIDE QUALITY EXTERIOR SPACES FOR COMMUNITY ENJOYMENT. -MPHASIS ON PEDESTRIAN EXPERIENCE AND STREET ANIMATION ARE KEY FACTORS TO A SUCCESSFUL PUBLIC REALM





IDENTIFICATION OF 5 IMPORTANT PUBLIC SPACES



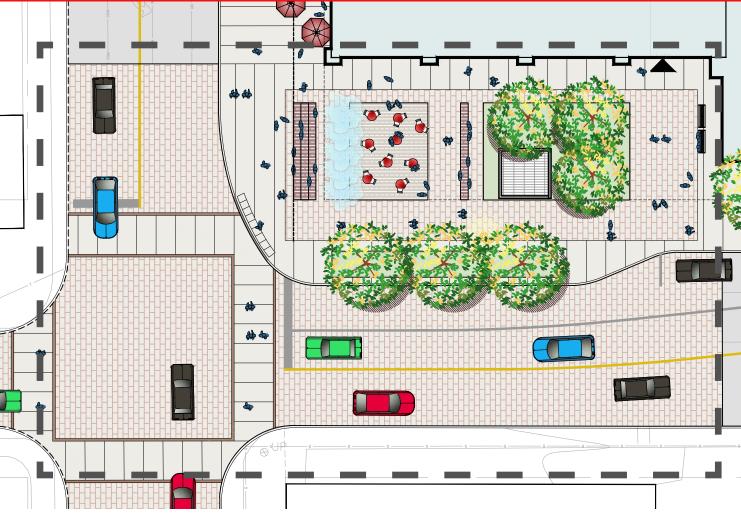
1-PRESTON & BEECH STREET PLAZA 2-BEECH STREET PROMENADE 3-BEECH & ROCHESTER STREET PLAZA

4-ABERDEEN AND BEECH STREET CONNECTION 5-ABERDEEN STREET









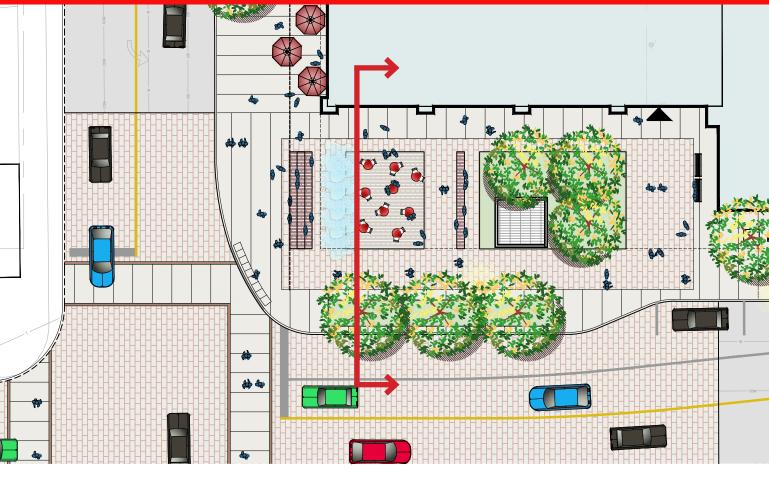


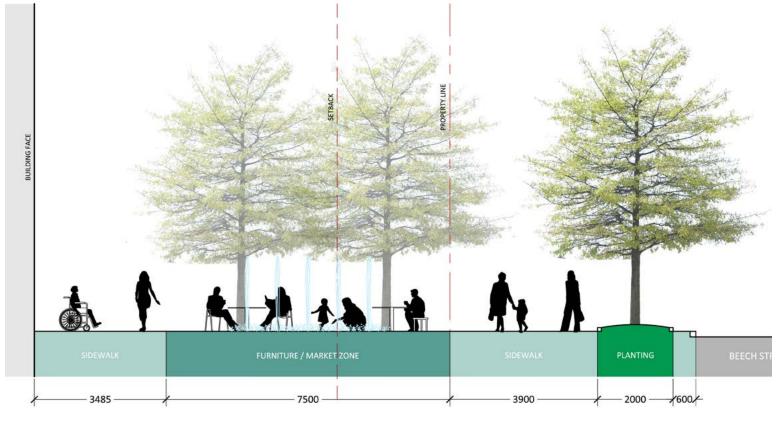
TEXTURE CARRIED ACROSS INTERSECTION AT THE OTTAWA CONVENTION CENTRE

PROPOSED LARGER TEXTURAL TREATMENT OVER INTER-SECTION TO INFER MUCH LARGER PLAZA











- LARGE FLEXIBLE PLAZA CAN ACCOMMODATE VARI-**OUS EVENTS AND ACTIVITIES.** -SUPPORTS COMMERCIAL CHARACTER OF PRESTON **AND BEECH STREET**



TRANSFORMING THE BEECH AND PRESTON INTERSECTION INTO THE HEART OF LITTLE ITALY





VENTS SUCH AS ITALIAN WEEK, FOOD FESTI-VALS, ETC,



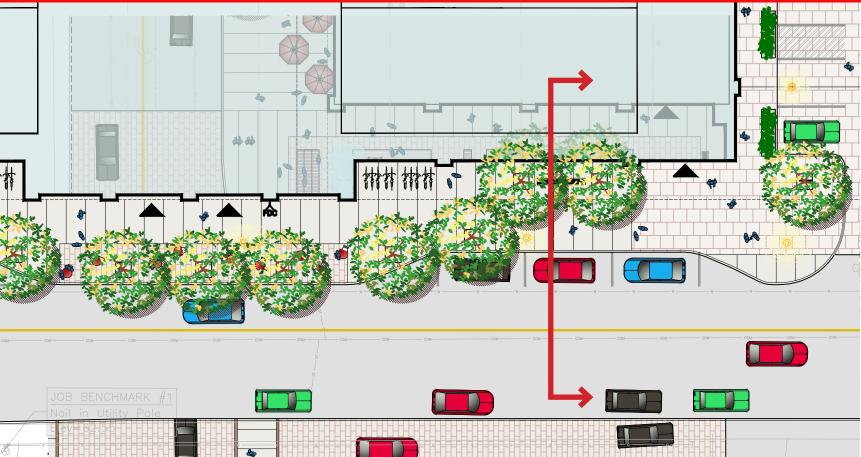






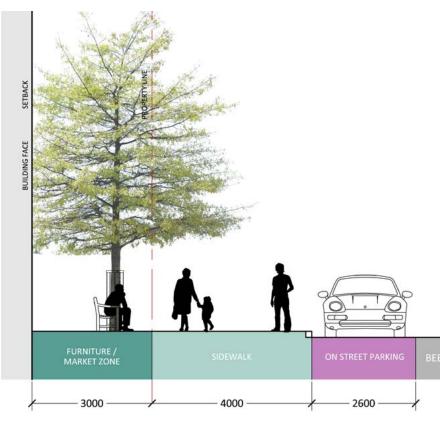


2-BEECH STREET PROMENADE

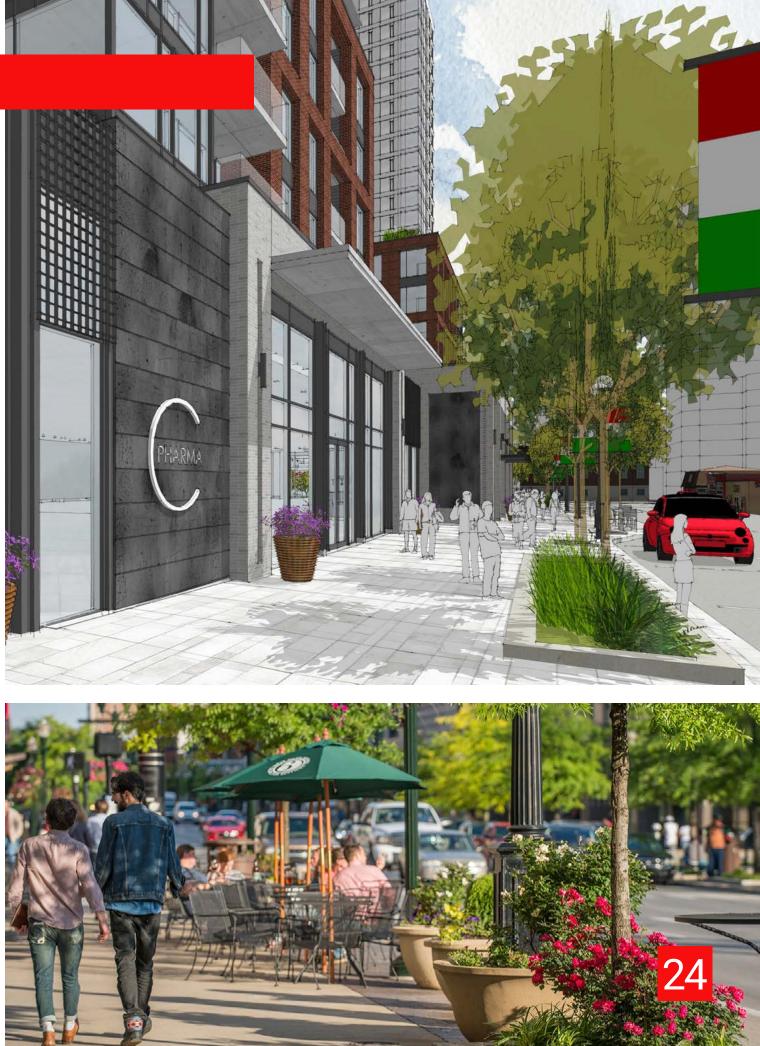


-CREATE LINEAR PARK **THAT CONNECTS BOTH CORNER PLAZA'S**

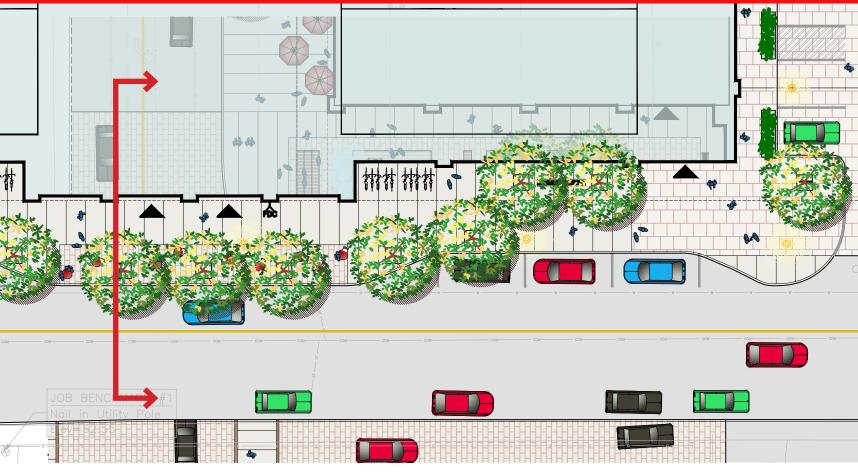
- WIDER SIDEWALK SPACE **TO ACCOMMODATE** LANDSCAPE TREATMENT THAT ENRICHES THE PE-**DESTRIAN EXPERIENCE**

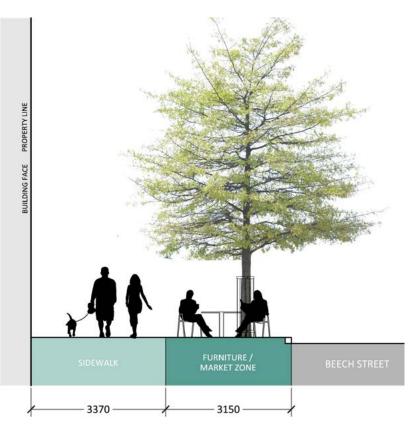






2-BEECH STREET PROMENADE



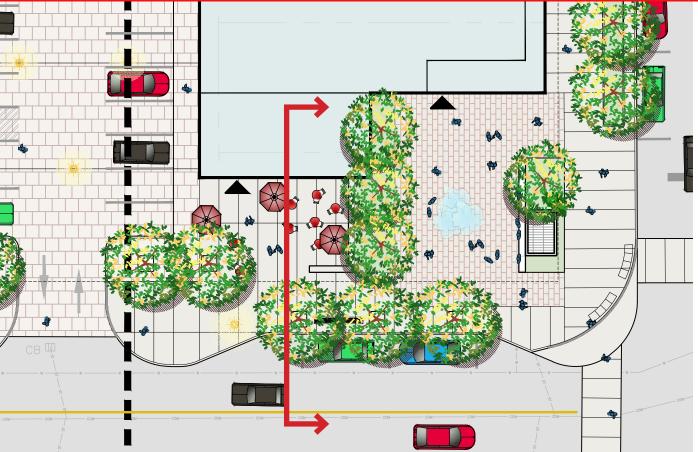


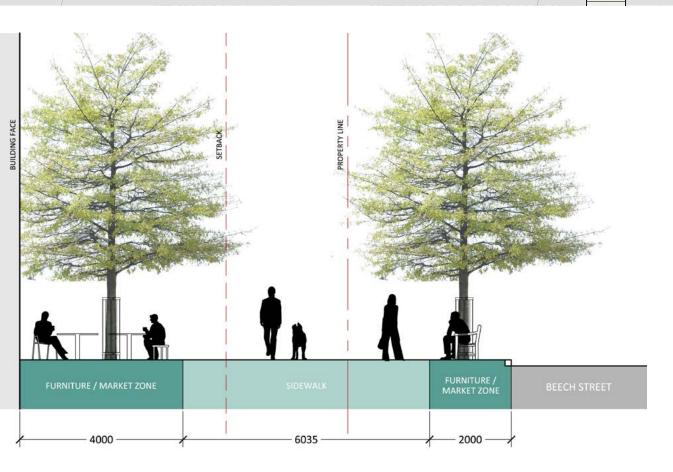


VARYING SIDE WALK PROFILES PROVIDE ADDITIONAL ANIMATION TO THE BEECH STREET PROMENADE ADDING TO THE PEDESTRIAN EXPERIENCE.



3-BEECH & ROCHESTER STREET PLAZA







LIC AND RETAILERS

3-BEECH & ROCHESTER STREET PLAZA

-CORNER PLAZA ANIMATES CORNER OF ROCHESTER AND BEECH AND CONNECTS TO LINEAR PARK ALONG BEECH STREET

Cile silo





4-ABERDEEN & BEECH STREET CONNECTION







-AVOID TYPICAL PARKING CHARACTER -TEXTURED SURFACE TREATMENT -FLEXIBLE FOR POTENTIAL EVENTS

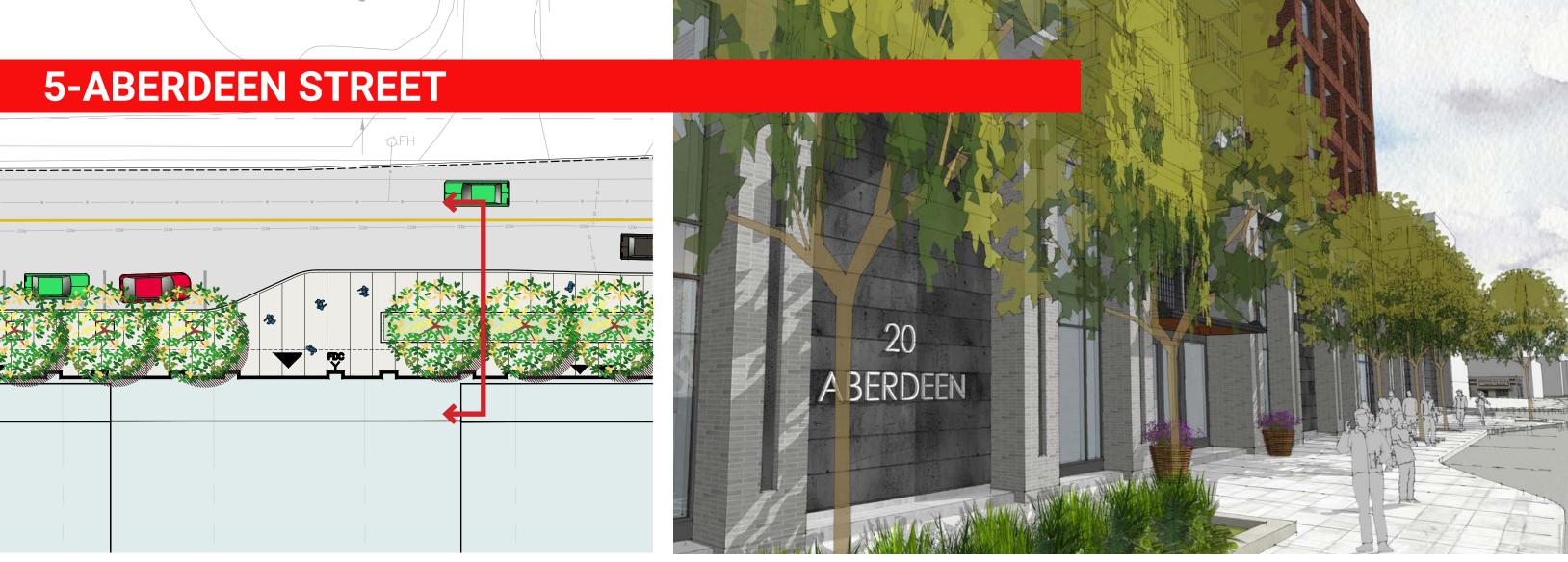


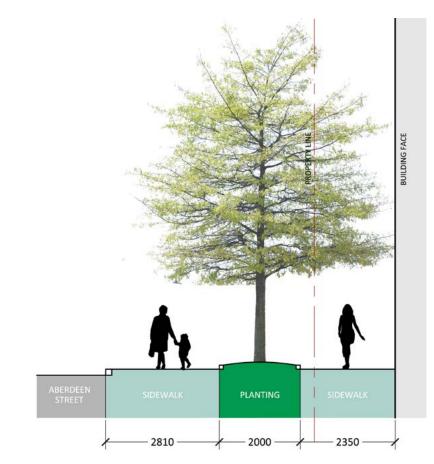
4-ABERDEEN & BEECH STREET CONNECTION

FOOD

STORE











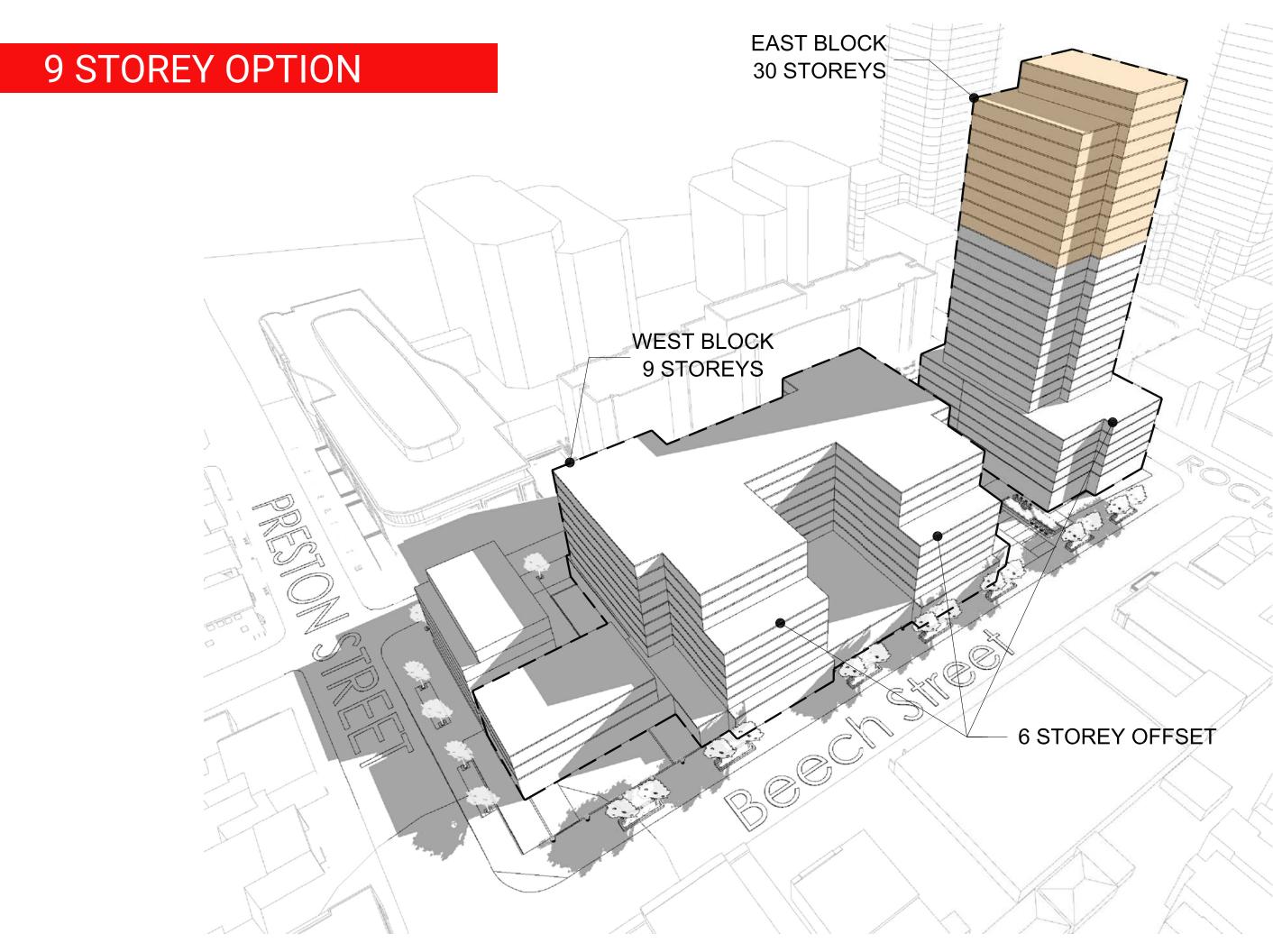
BUILT FORM

-TAILOR MASSING OF DEVELOPMENT THAT RESPONDS TO EXISTING CONTEXT AND ANTICIPATED GROWTH AROUND IT.

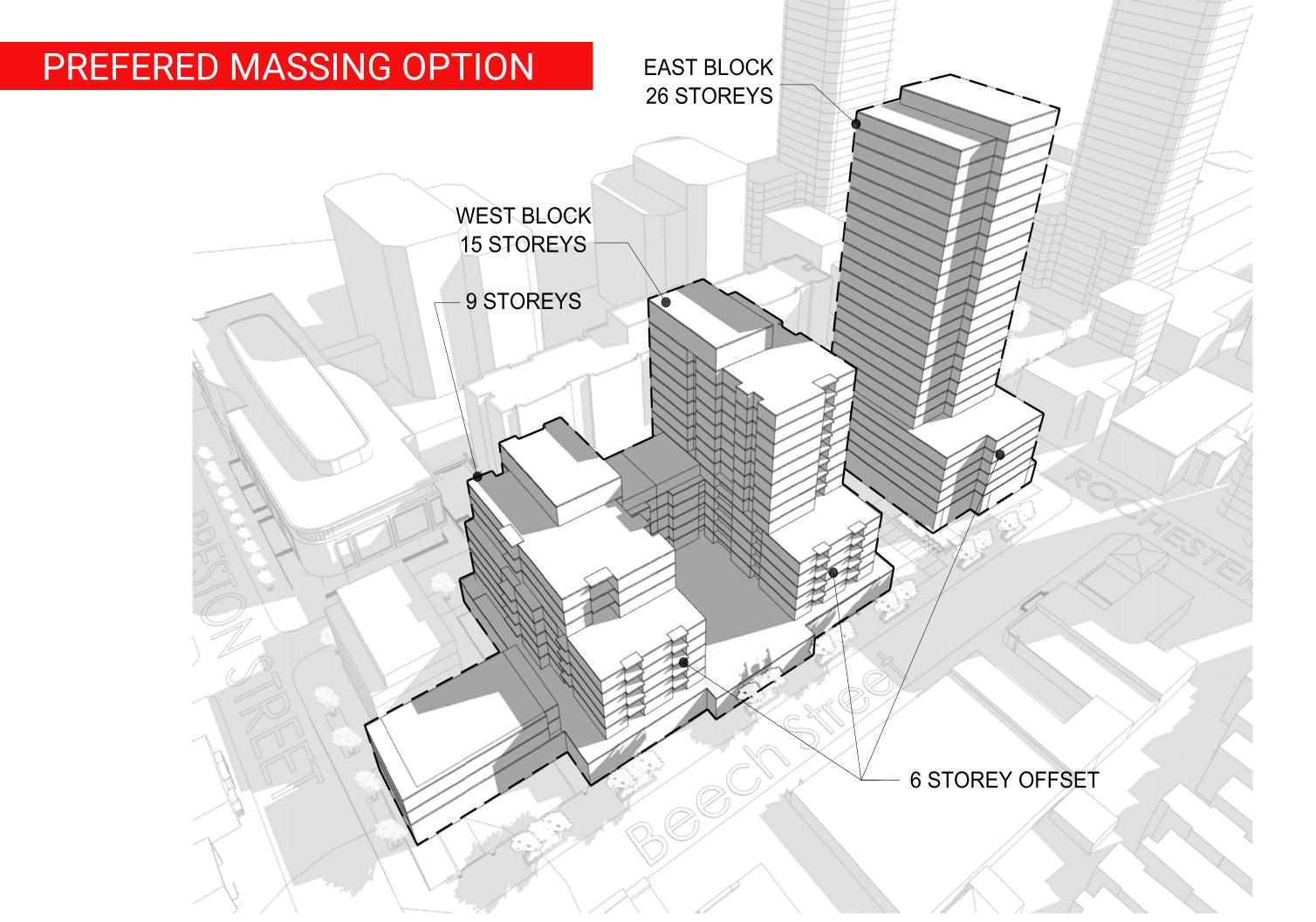
-RECOGNIZE VISUAL IMPACT OF MASSING AT PEDES-TRIAN LEVEL

-CONSIDER AND RECOGNIZE SUN AND SHADOW IM-PACTS



















NORTH SOUTH BUILDING SECTION

11

Jak



URBAN FABRIC

GROUND LEVEL EDGE CONDITION

6 STOREY PODIUM

HIGHRISE ELEMENTS







OPEN AND ENGAGING GROUND LEV-EL EDGE CONDITION THAT PROVIDES STRONG RETAIL VISIBILITY AND ANI-MATES STREET EDGE









STRONG MASONRY DATUM ESTABLISHES THE 6 STOREY PODIUM AND DRAWS INSPIRATION FROM THE EXISTING URBAN CONTEXT.



HIGH RISE MASSING



CONTRARY TO THE MASONRY PODIUM, THE HIGHRISE MASSES ARE INTENDED TO FEEL LIGHT. APPROPRIATE MATERIALS THAT SUIT THIS CONCEPT WILL BE USED









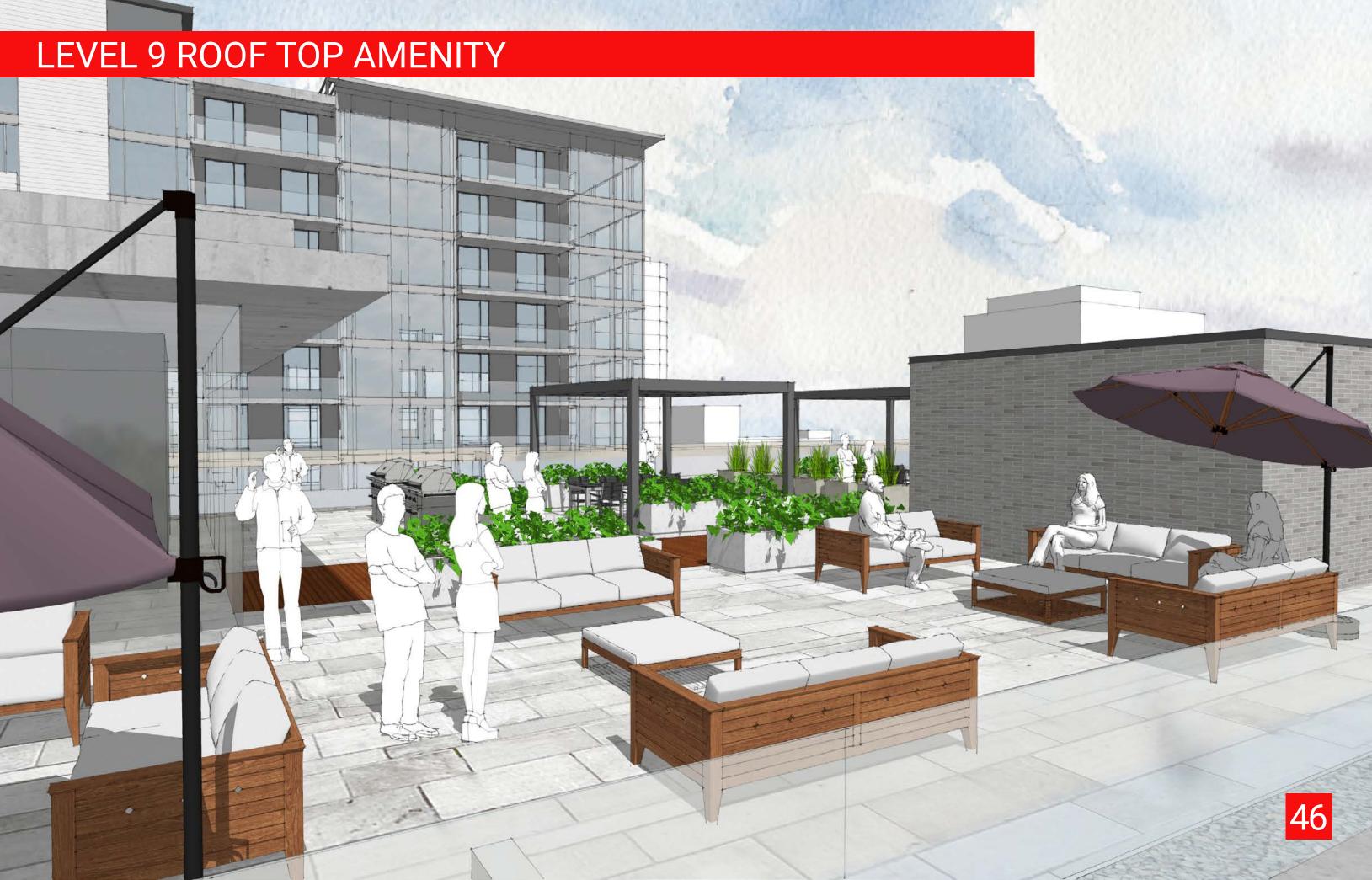
VIEW FROM ABERDEEN LOOKING WEST

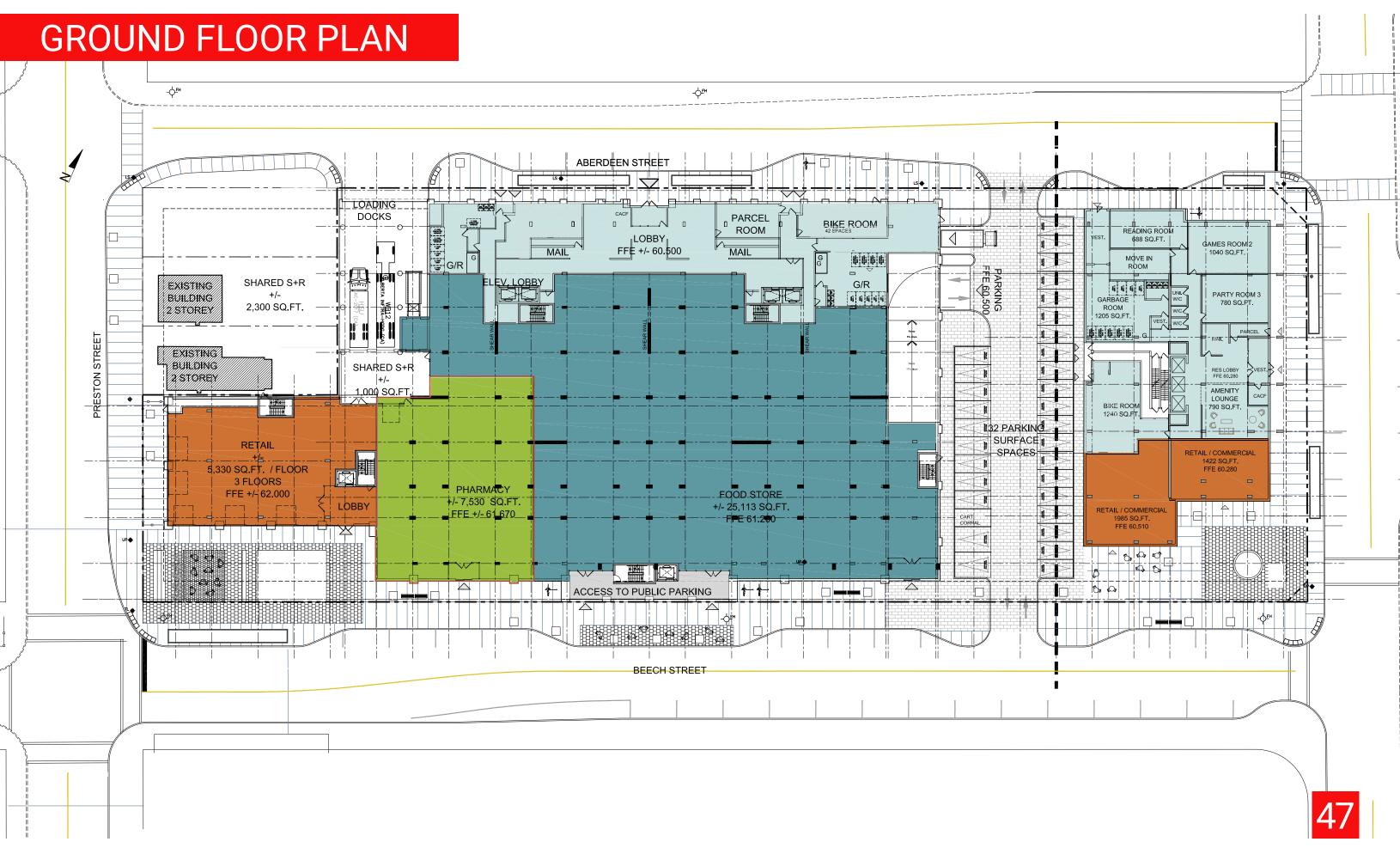


VIEW FROM ROCHESTER LOOKING WEST ON BEECH ST.

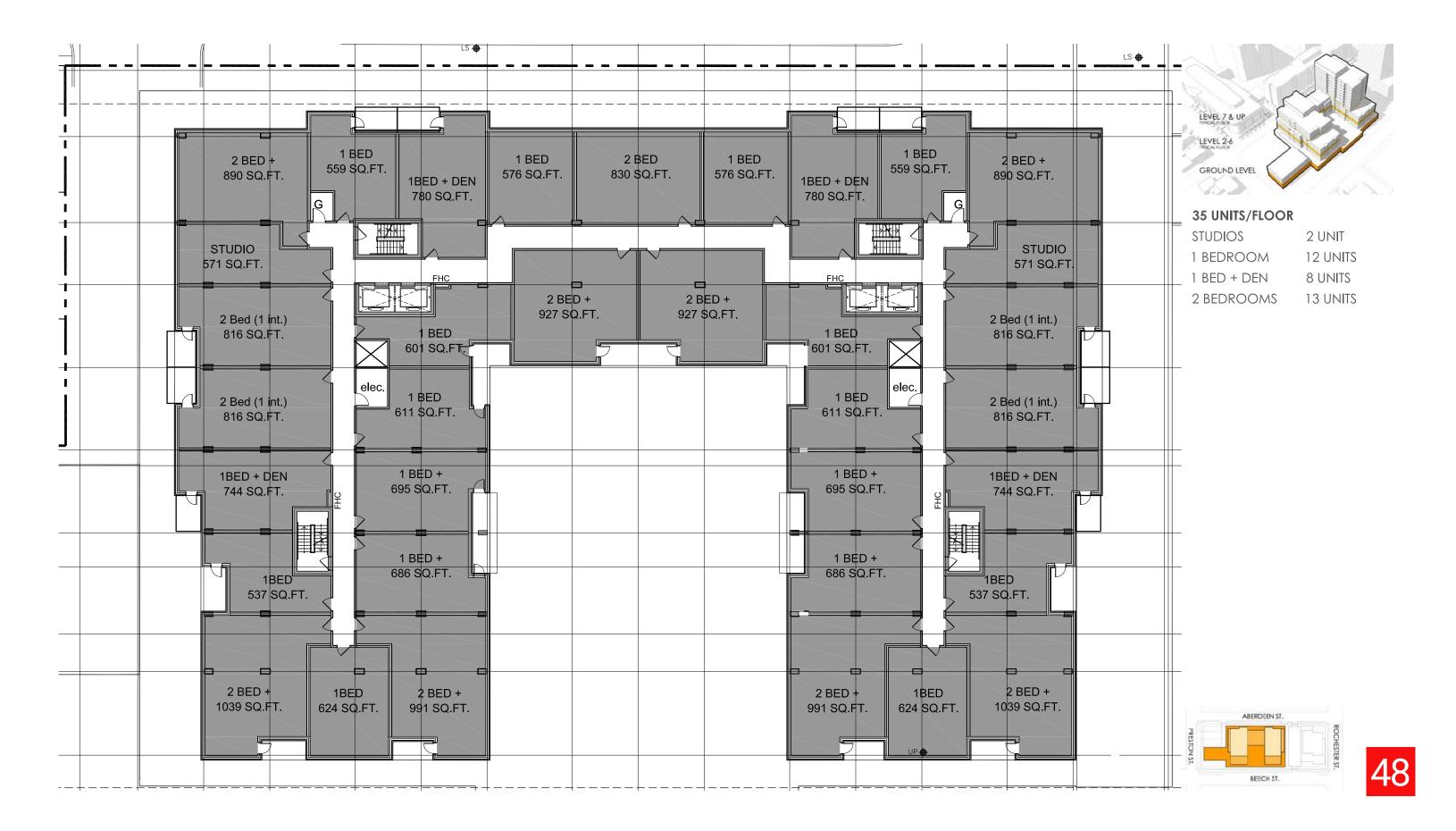
FOOD STORE







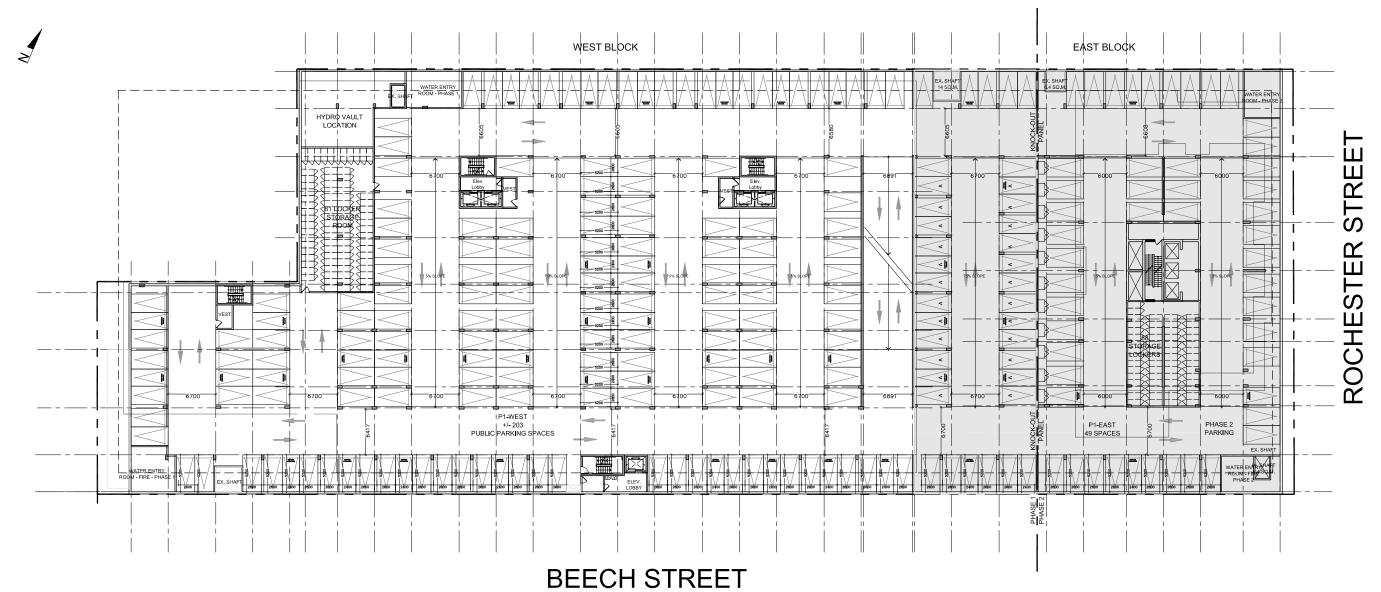
LEVEL 2-6



LEVEL 7-15



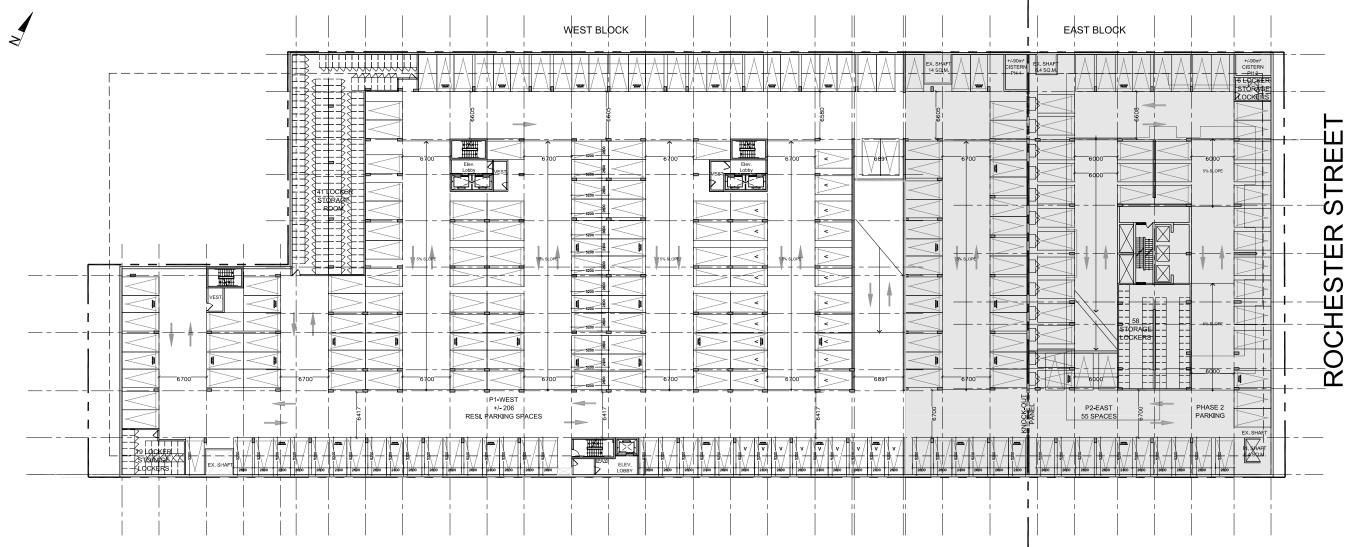
PARKING LEVEL 1



ABERDEEN



PARKING LEVEL 2



ABERDEEN

BEECH STREET



PHASE 1 - SOUTH ELEVATION

(106.670) LEVEL 15	
(00.670) LEVEL 13	VG AP-1 M5-2 AP-2 M5-1
97,670 LEVEL 12	
91.670 LEVEL 10	AF BY -2 VG GR
88.670 LEVEL 9 88.670 LEVEL 8	
82.670 LEVEL 7	
779.670 LEVEL 6	
73.670 LEVEL 4	
8 67.670 LEVEL 2	
g (1.470) GROUND LEVEL	
VG	PFMS-I AP-3 BV -2 AP-3 PFMS-I AP-3 VG BV -1 BV -2

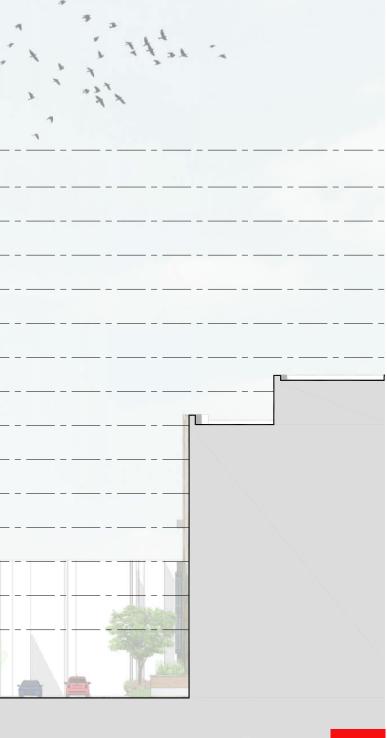


PHASE 1 - NORTH ELEVATION



PHASE 1- EAST ELEVATION

					٢
		AP-2	BV -I	AF GR	MS -I
(09.850) MECHANICAL / AMENITY		_			
922 106.670 LEVEL 15					
03.670 LEVEL 14					
00.670 LEVEL 13					
97.670 LEVEL 12					
94.670 LEVEL 11					
91.670 LEVEL 10					
88.670 LEVEL 9					
8 85.670 LEVEL 8	VG	BV -2 FCP			
000000 Level 7					
01.01.01 LEVEL 6					
00 76.670 LEVEL 5					
00 (73.670) LEVEL 4					
70.670 LEVEL 3					
67.670 LEVEL 2					
	2020 D				
(1.670) GROUND LEVEL					
	PFMS-2	LP-I PFW5 M5-3 VG	AP-I BV-I	AP-I GR BV-I	BV -2 FCP





PHASE 1 - WEST ELEVATION





PHASE 2 - EAST & NORTH ELEVATION



VG PTVS BV -2 9P VG GR BV -2 GR AP-3 VG BV -2 9P VG BV -1

EAST ELEVATION

NORTH ELEVATION



SP VG BV -2



PHASE 2 - SOUTH & WEST ELEVATION

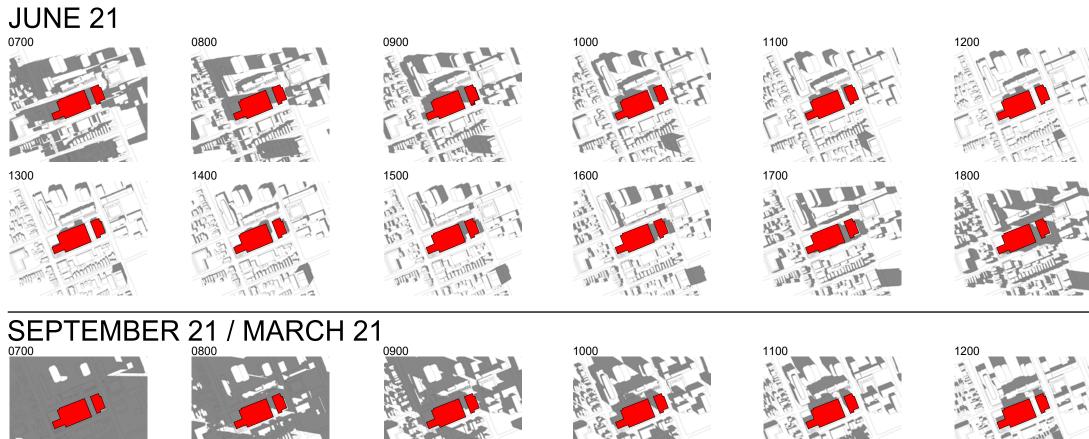
		SP AP-2 AP-2 AP-3 AF SP AP-2	GR
	\checkmark		
1			
	(139.670) LEVEL 24		
	8 (136.670) LEVEL 25	VG	
-	(33.670) LEVEL 24		
	27.670) LEVEL 22		
	(124.570) LEVEL 21		
	121.670 LEVEL 20		
-	(118.670) LEVEL 19		
	(115.670) LEVEL 18		
	(112.670) LEVEL 17		
	09.670 LEVEL 14		
-	00.6.270 LEVEL 15		
1	(03.670) LEVEL 14		
61250	8 (00.670) LEVEL 13		
	97.470 LEVEL 12	77.570 LEVEL 12	
11-	94670 LEVEL 11		
4	91.670 LEVEL 10		
-	88.670 LEVEL 9		
I.	85.470 LEVEL 8		
	83.670 LEVEL 7		
1			
	(79.670) LEVEL6		
	(/8.570) LEVEL5		
	(73.670) LEVEL 4		
	2 /70.670 LEVEL3		
	* (67.67) LEVEL 2		
	61.670 GROUND LEVEL	GROUND LEVEL	A Children and a start

SOUTH ELEVATION

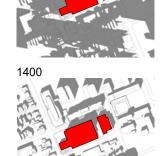
WEST ELEVATION



SUN & SHADOW STUDY

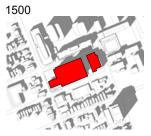


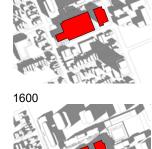
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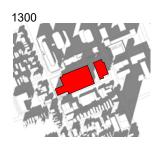


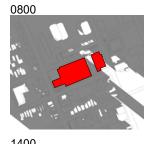


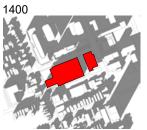


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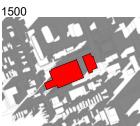


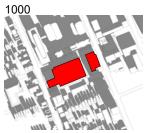






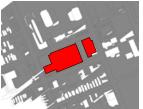


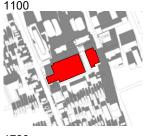




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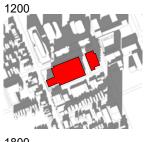
1600





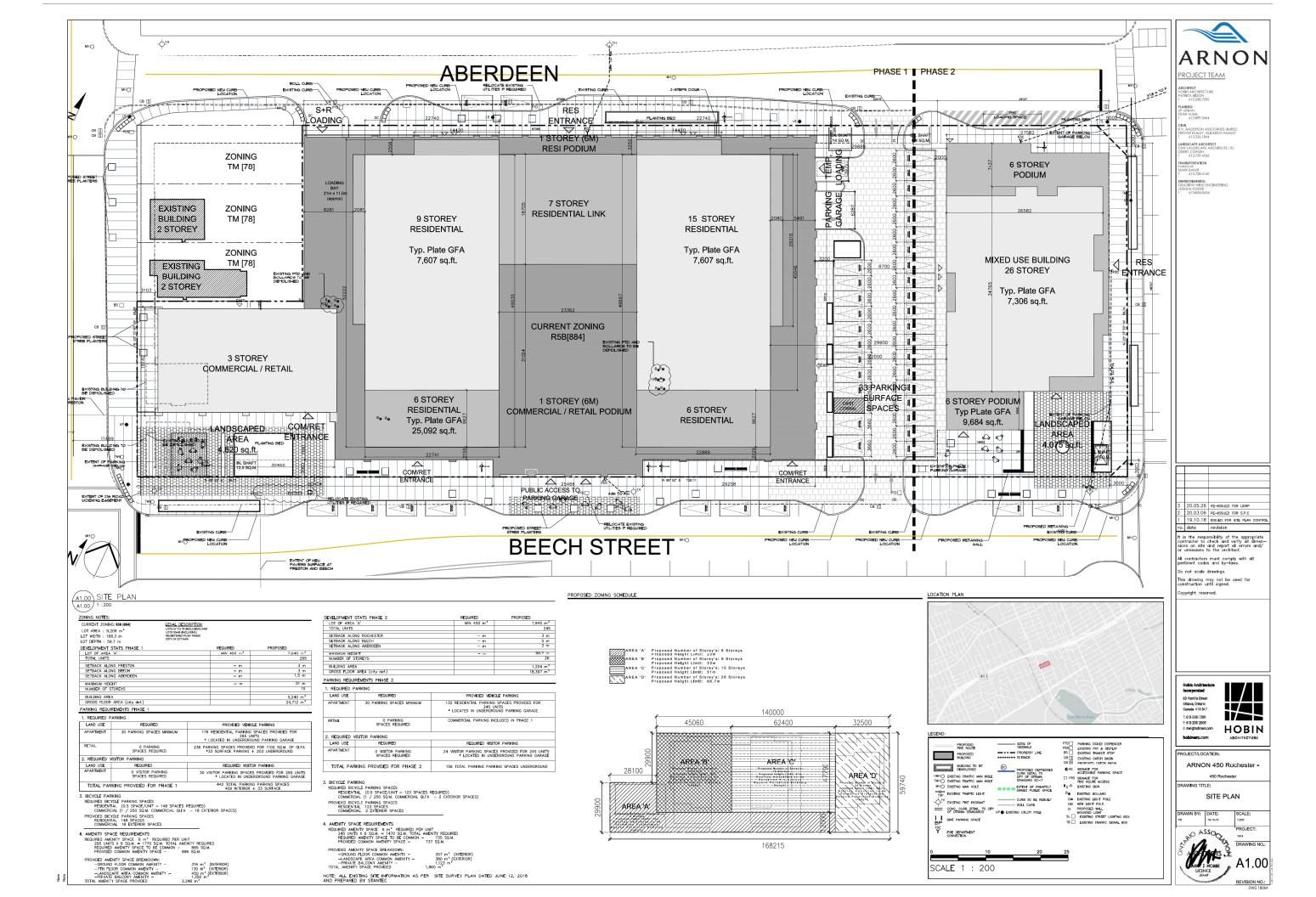
2

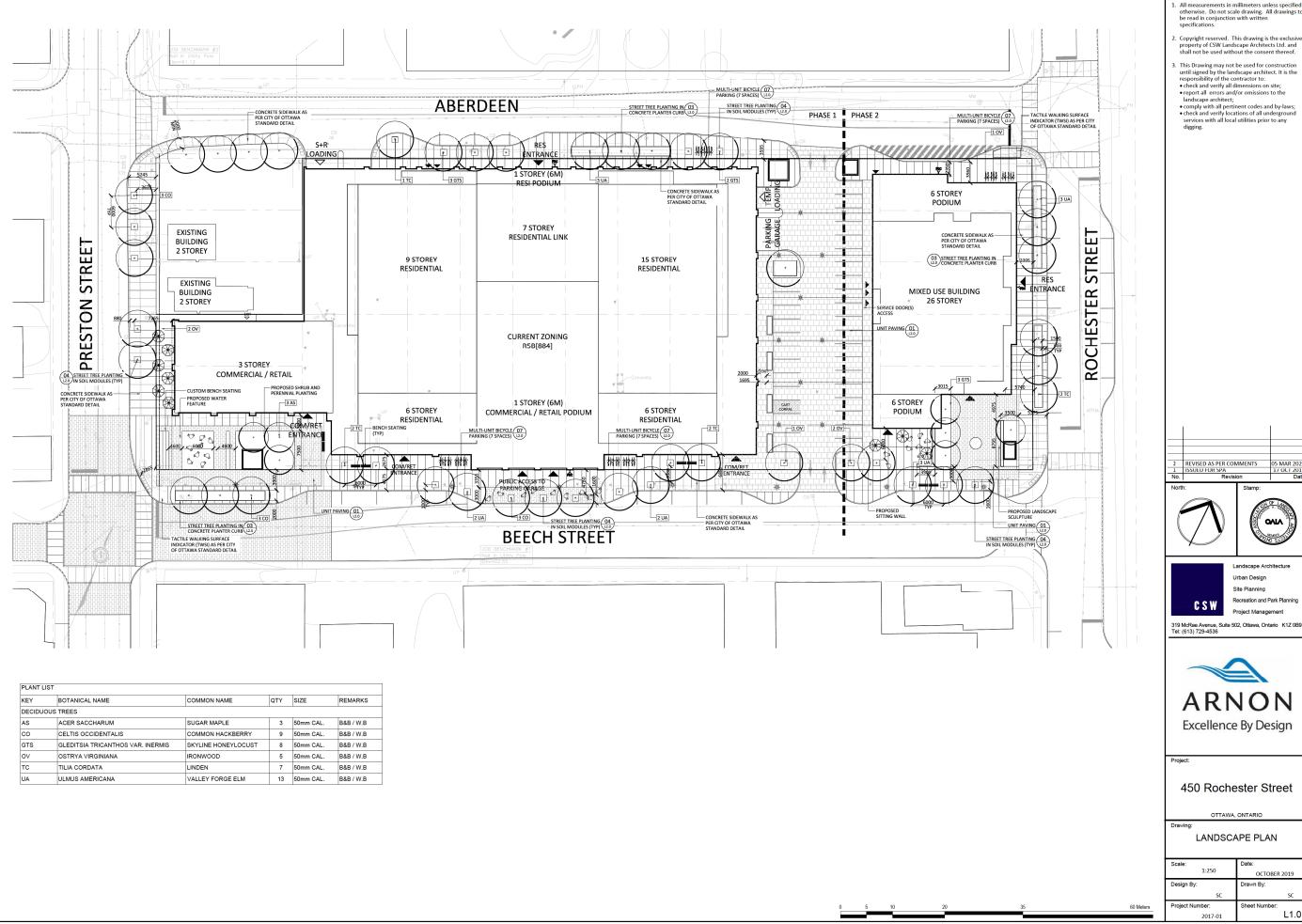
1700



1800





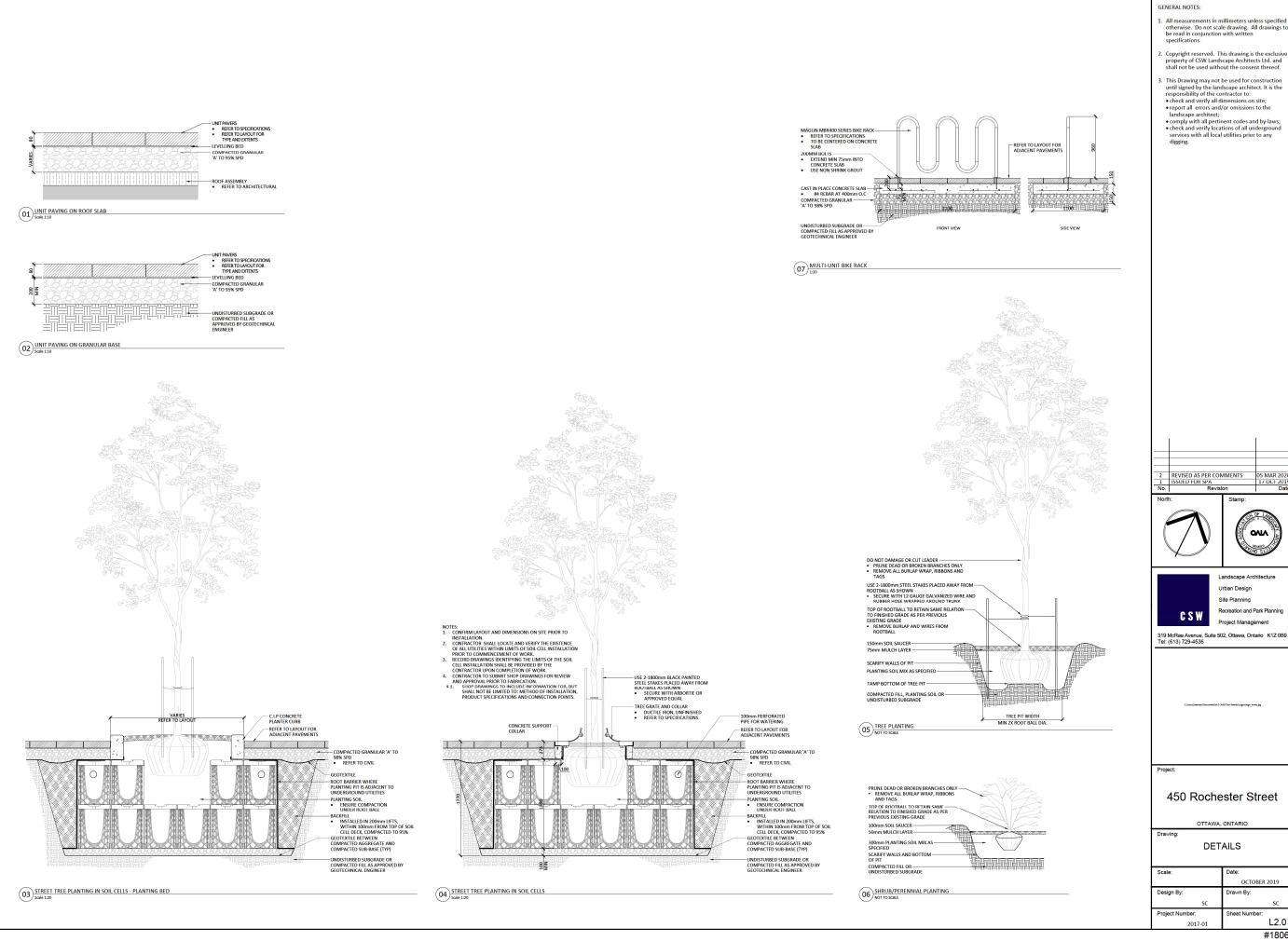


KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	REMARKS
DECIDU	DUS TREES				
AS	ACER SACCHARUM	SUGAR MAPLE	3	50mm CAL.	B&B / W.B
со	CELTIS OCCIDENTALIS	COMMON HACKBERRY	9	50mm CAL.	B&B / W.B
GTS	GLEDITSIA TRICANTHOS VAR. INERMIS	SKYLINE HONEYLOCUST	8	50mm CAL.	B&B / W.B
ov	OSTRYA VIRGINIANA	IRONWOOD	5	50mm CAL.	B&B / W.B
тс	TILIA CORDATA	LINDEN	7	50mm CAL.	B&B / W.B
UA	ULMUS AMERICANA	VALLEY FORGE ELM	13	50mm CAL.	B&B / W.B

GENERAL NOTES:

- All measurements in millimeters unless specified otherwise. Do not scale drawing. All drawings to be read in conjunction with written
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- . This Drawing may not be used for construction

L1.0 #18064



OCTOBER 2019 L2.0 #18064



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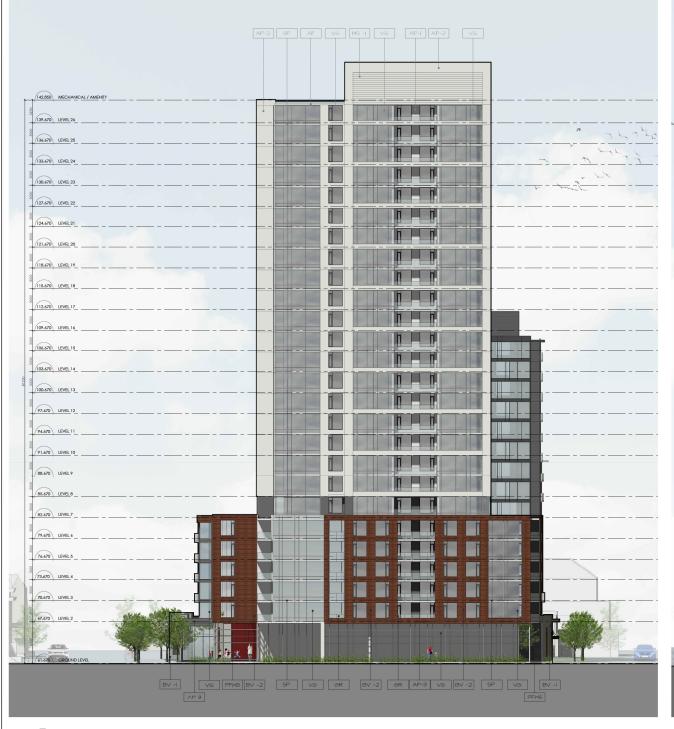


	V6 BV-1 AF M5-2 M5-1
(1989) месничасы/ именту	
102.00) 15VR 14	
000 (17.60) IEVE.12	
(66.07) UPR.9	
(22.00) LEVEL 7	
(7600) EVEL 4	
	BV-1 PPMS-1 VG BV-2 PPMS-2 AF GR PPMS-1 VG BV-1 BV-2 AF FCP AF
1 NORTH ELEVATION	
	AP-2 V6 BV-1 AF GR H5-1
8.800 MECHANSCAL/AMENTY	
RAD LEVE 14	
2.670 LEVEL 12	
1.670 LEVE 10	
8.670 LEVEL 8	
7.670 LEVEL 6	
6670) LEVEL 6	
0.00 LEVEL 2	
	FFM5-2 NLP-I FFW5 M5-3 AP-I AF GR BV-I BV-2 FGP
2 EAST ELEVATION	

2 EAST ELEVATION

2 LAS







1 EAST ELEVATION

2 NORTH ELEVATION

