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#### **DRAWING LIST**

STATISTICS A-0.01 A-0.02 SITE PLAN A-0.03 CONTEXT ANALYSIS A-0.04 CHARACTER ELEMENTS A-0.05 SITE PLANNING RATIONALE DESIGN RATIONALE A-0.07 A-0.08 MATERIALS A-0.09 3D VIEWS LOADING & WASTE STRATEGY A-0.10 A-0.11 SUSTAINABILITY A-0.12 RESIDENTIAL AMENITIES A-1.01 A-1.02 A-1.03a L1 - FAR A-1.04a L2 - FAR A-1.05a L3 - FAR A-1.06a A-1.08a L6 - FAR A-1.11 L1 - RENTAL 12 - RENTAL A-1.12 L3 - RENTAI Δ-1 13 A-1.14 L4 - RENTAL L5 - RENTAL A-1.16 ROOF - RENTAL A-1.17 A-1.21 L1 - MARKET 12 - MARKET A-1.22 L3-L6 - MARKET A-1.23 A-1.27 ROOF - MARKET

A-2.03

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A-2.05 A-2.06

A-3.01

ELEVATIONS - RENTAL

ELEVATIONS - MARKET

FLEVATIONS - MARKET

ELEVATIONS - MARKET

SECTIONS



## **KYLE & CLARKE**

HRA / DP APPLICATION | AUGUST 29, 2022

#### **AREA**

SITE AREA: BUILDING COVERAGE: SITE COVERAGE: FAR EXCLUSIONS: 52,269.1 SF [4,855.96 m<sup>2</sup>] 39,563.9 SF (3,675.61 m<sup>2</sup>)

ALL BELOW GRADE SPACE RESIDENTIAL AMENITY L1 GARBAGE ROOM



	LOT COVERAGE DIAGRAM
Γ	1" = 100"-0"

GROSS AREA	
TYPE	AREA
BUILDING 1	
COMMERCIAL	7,695.5 SF
COMMERCIAL CIRCULATION	707.3 SF
RESIDENTIAL AH UNIT	8,487.0 SF
RESIDENTIAL AMENITY	1,197.1 SF
RESIDENTIAL CIRCULATION	7,734.8 SF
RESIDENTIAL RENTAL UNIT	35,659.4 SF
SERVICE	1,730.9 SF
WORK-LIVE UNIT	1,924.1 SF
	65,136.3 SF
BUILDING 2	
COMMERCIAL	12,408.8 SF
COMMERCIAL CIRCULATION	1,438.7 SF
RESIDENTIAL AMENITY	708.7 SF
RESIDENTIAL CIRCULATION	10,901.5 SF
RESIDENTIAL UNIT	69,900.9 SF
SERVICE	463.9 SF
WORK-LIVE UNIT	7,227.2 SF
	103,049.7 SF
EXISTING	
COMMERCIAL - HERITAGE	2,154.6 SF
	2,154.6 SF
TOTAL	170,340.6 SF

FAR AR	EA.	
TYPE	AREA	FAR
BUILDING 1		
COMMERCIAL	7,695.5 SF	0.15
COMMERCIAL CIRCULATION	707.3 SF	0.0
RESIDENTIAL AH UNIT	8,487.0 SF	0.16
RESIDENTIAL CIRCULATION	7,734.8 SF	0.15
RESIDENTIAL RENTAL UNIT	35,659.4 SF	0.68
SERVICE	1,730.9 SF	0.03
WORK-LIVE UNIT	1,924.1 SF	0.04
	63,939.1 SF	1.22
BUILDING 2		
COMMERCIAL	12,408.8 SF	0.24
COMMERCIAL CIRCULATION	1,438.7 SF	0.03
RESIDENTIAL CIRCULATION	10,901.5 SF	0.2
RESIDENTIAL UNIT	69,900.9 SF	1.34
SERVICE	463.9 SF	0.0
WORK-LIVE UNIT	7,227.2 SF	0.14
	102,341.0 SF	1.96
EXISTING		
COMMERCIAL - HERITAGE	2,154.6 SF	0.04
	2,154.6 SF	0.04
TOTAL	168,434.8 SF	3.22

#### UNITS

UNIT MIX - MARKET		
UNIT TYPE	COUNT	%
B: 1-BR	35	31.8%
C: 1-BR+Den	20	18.2%
D: 2-BR	34	30.9%
E: 3-BR	10	9.1%
WORK-LIVE	11	10.0%
TOTAL	110	

UNIT MIX - RENTAL MARKET		
UNIT TYPE	COUNT	%
A: STUDIO	14	23.3%
B: 1-BR	14	23.3%
C: 1-BR+Den	10	16.7%
D: 2-BR	14	23.3%
E: 3-BR	6	10.0%
WORK-LIVE	2	3.3%
TOTAL	60	

UNIT MIX - RENTAL AFFORDABLE			
UNIT TYPE	COUNT	%	
A: STUDIO	5	35.7%	
B: 1-BR	2	14.3%	
C: 1-BR+Den	2	14.3%	
D: 2-BR	3	21.4%	
E: 3-BR	2	14.3%	
TOTAL	14		

#### **PARKING**

PARKING - RESIDENTIAL MARKET REQUIRED		
UNIT COUNT	1.0 / UNIT	
99	99	

#### Relaxation requested from 1.5 to 1.0 for 2BR+ units

PARKING - RESIDENTI	AL RENTAL REQUIRED
UNIT COUNT	[0.9 / UNIT]
72	64

#### ion requested from 1.1 to 0.9 for market rental units

PARKING - WORK	
UNIT COUNT	(1.0/ UNIT)
13	13
DADIVING VICE	TOD DECLUDED

#### \*Relaxation requested from 0.2 to 0.15 with commercial stalls available

UNIT COUNT

ı			
ı	PARKIN	G - COMMERC	IAL REQUIRED
ı	AREA	AREA [m2]	[1/40m2]
ı	20,104.3 SF	1,867.7 m²	46.7

#### TOTAL STALLS REQUIRED:

PARKING - COMMERCIAL LOADING REQUIRED		
AREA	AREA [m2]	464.5m2 to 2,322.5m2 (25,000 SF)
24,404.9 SF	2,267.3 m <sup>2</sup>	2.0

#### **BIKES**

BIKES - RESIDENTIAL REQUIRED		
UNIT COUNT	BIKES REQ'D [1.5 / UNIT]	
171	256.5	
	•	

BINES - LIVE-WORK REGUIRED	
UNIT COUNT	BIKES REQ'D [1 / UNIT]
13	13

BIKE - COMMERCIAL REQUIRED		
AREA	STALLS REQ'D (1/750sm	
20,104.3 SF	2.	

#### TOTAL STALLS REQUIRED:

	BIKES PROVIDED	
LEVEL	STALL TYPE	COUNT
P1	Horizontal	184
P1	Stacked	28
P1	Vertical	61
TOTAL STALLS 27		273

#### **AMENITIES**

Refer to A-0.12



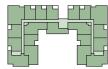


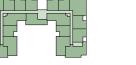


COMMERCIAL | RESIDENTIAL AH UNIT | RESIDENTIAL RENTAL UNIT | WORK-LIVE UNIT | COMMERCIAL - HERITAGE | RESIDENTIAL AMENITY | RESIDENTIAL UNIT |

COMMERCIAL CIRCULATION RESIDENTIAL CIRCULATION SERVICE



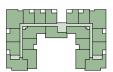




4 STATS - L4







5 STATS - L5



2 STATS - L2



PARKING PROVIDED

COUNT

128

144

94 108

252

LEVEL STALL TYPE

SMALL STANDARD

TOTAL STALLS

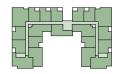
ACCESSIBLE

ACCESSIBLE SMALL STANDARD

\*Refer to sheets A-1.01 -P2 & A-1.02 - P1 for parking stall sizes used.

6 STATS - L6





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#### STATISTICS

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JOB NUMBER 20040



#### **HERITAGE COMMERCIAL DISTRICT**

- Objective is to preserve existing heritage buildings and ensure sensitive integration with new development.
- Encouraged retention of heritage character buildings
- · Building heights up to four storeys
- · Residential, retail, industrial & institutional uses
- Attractive & eclectic mix of boutique style retailers
- Residential component considered vital to supporting local businesses

#### **EXISTING**

Zoning: Max. FAR:

N/A Max. Height: 9.5m / 3 storeys

N/A

Front Setback: N/A Side Setback: 3m Rear Setback: N/A

#### **PROPOSED**

Lot Coverage:

Max. Height: 23m / 6 storeys Front Setback:

1m (Commercial) 2m (Residential)

#### **MOODY CENTRE**

- Building heights up to six storeys Close proximity to Sky Train station
- Vibrant & enhanced pedestrian environment
- · Residential, retail, industrial & institutional uses







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CONTEXT ANALYSIS

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#### **HERITAGE COMMERCIAL DISTRICT CHARACTER DEFINING ELEMENTS**

The site's unique location within Moody Centre at the transition between an emerging transit-oriented city centre and a vibrant heritage district calls for unique architectural solutions that draw from the surrounding neighborhood character.

By drawing on historical elements and utilizing them in a contemporary development, a sensitive transition across Moody Centre and across time periods is established on the site. The five character defining elements outlined below form a framework for effectively making this





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CHARACTER **ELEMENTS** 

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#### 01: CONTEXT

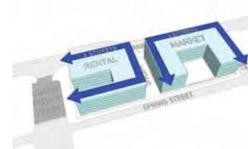
The full block site is over 400' wide, fronting Clarke Street, Kyle Street, Spring Street, and the Queens Street Plaza.



#### 04: DIVERSE HOUSING

Clarke and Kyle Street as well as the mews are lined with a six storey residential street wall

The eastern building is market housing while the western building provides a range of secured rental housing options. Spring Street and the mews are also lined with live-work units.





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#### 02: CONNECTIVITY

With limited car access, Queens Street Plaza and the future Spring Street Promenade are the two primary pedestrian routes.

Clarke and Kyle Street also serve as strong pedestrian connections, but are more caroriented.

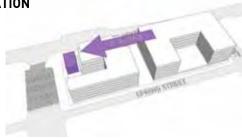
A new mid-block pedestrian mews is proposed to break the long block and provide a secondary connection from Clarke to Spring.



#### **05: HERITAGE INTEGRATION**

Relocating the P. Burns & Co. Butcher Shop to the northwest corner of the site maintains its presence on Clarke Street while giving it higher visibility from the Queens Street Plaza.

The stepping in the massing along Clarke Street transitions to the scale of the two-storey heritage structure and higher concentration of heritage buildings to the west of the site.



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#### **03: PEDESTRIAN ACTIVATION**

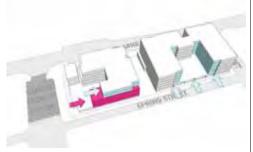
The ground level provides primarily retail and live-work uses to activate the pedestrian frontages.

Residential lobbies as well as parking and service access are also integrated into the frontages.



#### 06: ARTICULATION

Additional stepping and articulation along the Spring Street and Queens Street Plaza frontages create a finer scale and more seamless transition from six storeys down to one storey.



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#### SITE PLANNING RATIONALE

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# ROOF LINE Soul limit on prior singular spatia, No. shool of best of spatial ligate of light and from







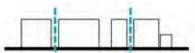
### BAY WINDOWS

- A

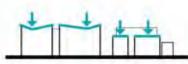


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Both the market and rental buildings are visually split to break the long block down more similar to the multiple lots that it previously comprised.



The roof lines are sloped and stepped to better connect with the historically smaller-scale development in the neighborhood.



The emblematic feature of the heritage false front parapet is highlighted throughout Clarke Street through a series of extended framing devices to achieve a dynamic visual retail frontage.



Modular bays are used throughout the project as a reference to bay windows and a device to conceal balconies, enhance privacy, as well as create a rhythm and scale consistent with adjacent buildings.



Historical colors found throughout the neighborhood are featured prominently in the building facades. Muted blues are used to break-up the residential massing while a brighter teal anchors the mews entrance. Brighter accent colors are featured within the balcony bays to provide warmth, variety, and enhance the eclectic character of the community.



**CLARKE STREET FROM QUEENS** 



RENTAL BUILDING @ CLARKE STREET & MEWS



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MEWS FROM CLARKE STREET



QUEENS STREET & SPRING STREET



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RENTAL BUILDING FROM SPRING & MEWS



MARKET BUILDING FROM SPRING & MEWS

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3D VIEWS

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#### **LOADING STRATEGY**

Two loading bays are centrally located in the mews along Spring Street to serve the entire development. This location allows easy access to service corridors for both the market and rental buildings, serving the commercial spaces and both residential lobbies.

By sharing the loading for the entire development, the driveway crossings required for loading can be limited to just one and more of the Spring Street frontage can be utilized for active live-work uses.

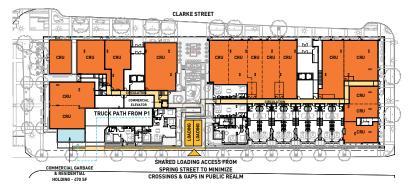
#### **WASTE STRATEGY**

Residential garbage and recycling is centrally located at P1 where both market and rental lobbies have easy access. A low-profile garbage compactor can be hauled through the parkade while the residential recycling can be stored in a holding area at grade for collection.

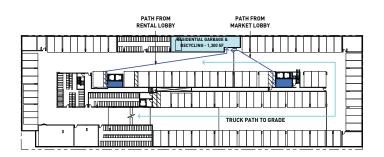
The commercial garbage room is located on Spring Street. It is oversized to allow space for residential recycling holding as required for collection.



LOADING AREA IN MEWS FROM SPRING STREET



1 LOADING & WASTE STRATEGY - L1



2 LOADING & WASTE STRATEGY - P1



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LOADING & WASTE STRATEGY

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#### SUSTAINABILITY STRATEGY

The development of a full block within Moody Centre allows for a number of unique opportunities for cultural, economic, and environmental sustainability measures to be implemented.

#### **CULTURAL SUSTAINABILITY**

The development is designed to preserve and better integrate the historic  ${\sf P}.$ Burns Butcher shop into the Clarke Street frontage. By relocating it to the Queens Street Plaza, it will increase in prominence and continue to serve an important role in the community's history and identity.

The new pedestrian mews will feature new public art and provide an engaging public pathway, encouraging exploration and foot traffic through the site.

#### ECONOMIC SUSTAINABILITY

The new development will provide over 20,000 SF of new commercial space, providing many job opportunities and further strengthening future and existing businesses in Moody Centre as a retail destination.

A market housing building provides over 100 new homes targeted to a wide range of family sizes. A separate secured rental building will provide an additional 70+ units for a diverse range of income levels.

 ${\it Live-work\ units\ fronting\ Spring\ Street\ give\ additional\ opportunities\ for\ small}$ businesses and artists looking for a space to serve their unique needs.

#### ENVIRONMENTAL SUSTAINABILITY

Providing commercial space and housing within walking distance of the SkyTrain will reduce car dependence. When cars are needed, 20% of the commercial parking and all of the resident parking will allow for EV charging to further reduce fossil fuel usage.

The buildings will meet BC Step Code 2 for energy performance while providing a Low Carbon Energy System to ensure resident comfort through all seasons with minimal environmental impact. This will be acheived primarily through optimal builling orientation, efficient massing, and a building envelope with less than 50% clear glazing.

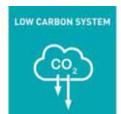


















SPRING STREET FRONTAGE @ KYLE STREET



CLARKE STREET FRONTAGE @ KYLE STREET







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SUSTAINABILITY

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#### RENTAL BUILDING

AMENITY AREA REQUIRED - RENTAL			
UNIT COUNT	NIT COUNT   AREA REQ'D (3sm / UNIT)   AREA REQ'D (5		
74	222.00 m²	2,389.6 SF	

AMENITY AREA PROVIDED - RENTAL		
INDOOR AREA	OUTDOOR AREA	TOTAL AREA
1,197.1 SF	3,382.0 SF	4,579.1 SI

#### MARKET BUILDING

AMENITY AREA REQUIRED - MARKET		
UNIT COUNT AREA REQ'D (3sm / UNIT)		AREA REQ'D (SF)
110	330.00 m²	3,552.1 SF

AMENITY AREA PROVIDED - MARKET			
INDOOR AREA	OUTDOOR AREA	TOTAL AREA	
708.7 SF	3,605.0 SF	4,313.7 SF	



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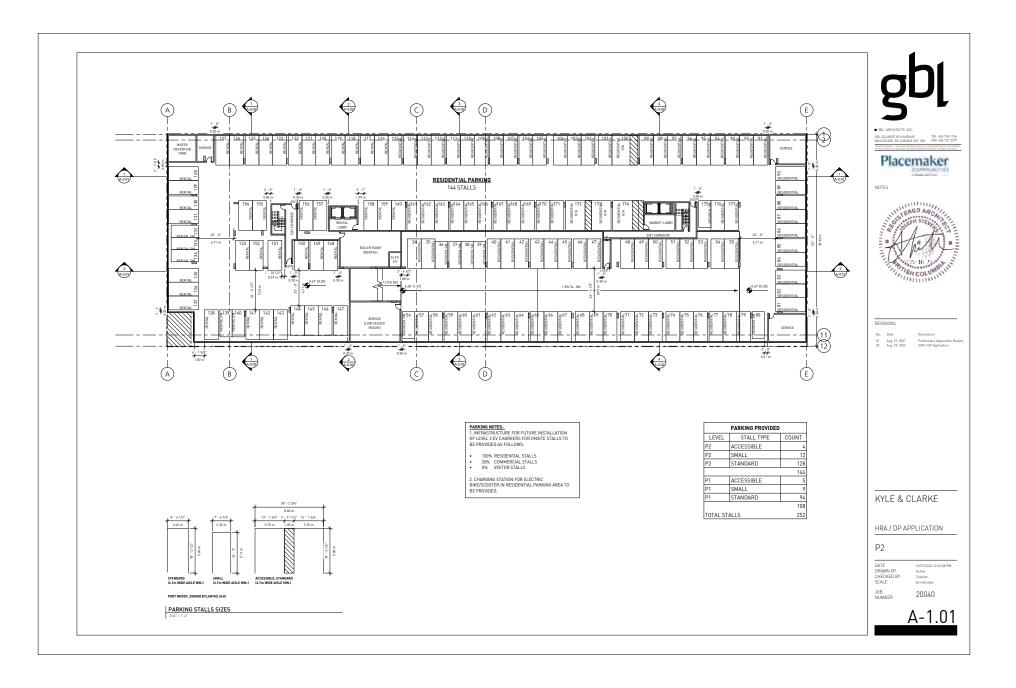
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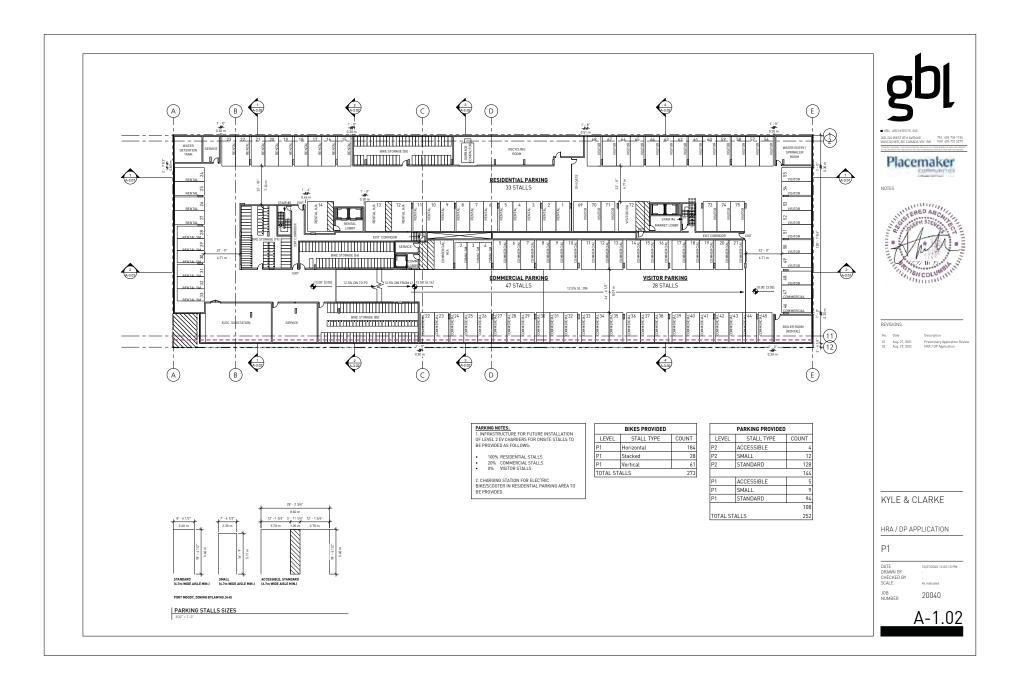
#### RESIDENTIAL AMENITIES

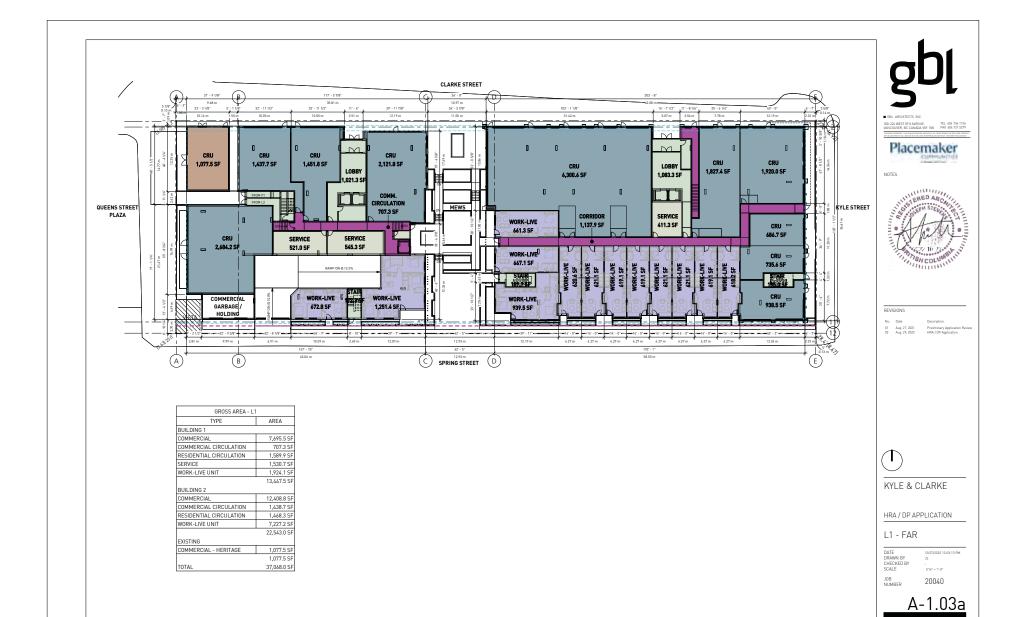
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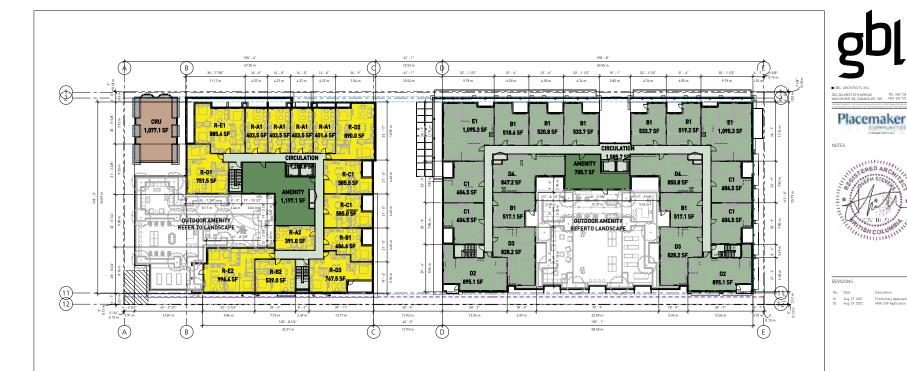
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TYPE	AREA
BUILDING 1	
RESIDENTIAL AH UNIT	8,487.0 SF
RESIDENTIAL AMENITY	1,197.1 SF
RESIDENTIAL CIRCULATION	1,265.8 SF
SERVICE	40.1 SF
	10,990.0 SF
BUILDING 2	
RESIDENTIAL AMENITY	708.7 SF
RESIDENTIAL CIRCULATION	1,886.7 SF
RESIDENTIAL UNIT	13,413.2 SF
SERVICE	92.8 SF
	16,101.3 SF
EXISTING	
COMMERCIAL - HERITAGE	1,077.1 SF
	1,077.1 SF
TOTAL	28,168.4 SF



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L2 - FAR

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GRUSS AREA - L	3
TYPE	AREA
BUILDING 1	
RESIDENTIAL CIRCULATION	1,273.4 SF
RESIDENTIAL RENTAL UNIT	9,676.6 SF
SERVICE	40.1 SF
	10,990.1 SF
BUILDING 2	
RESIDENTIAL CIRCULATION	1,886.7 SF
RESIDENTIAL UNIT	14,121.9 SF
SERVICE	92.8 SF
	16,101.3 SF
TOTAL	27,091.4 SF



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GRUSS AREA - L	4
TYPE	AREA
BUILDING 1	
RESIDENTIAL CIRCULATION	1,273.4 SF
RESIDENTIAL RENTAL UNIT	9,676.6 SF
SERVICE	40.1 SF
	10,990.1 SF
BUILDING 2	
RESIDENTIAL CIRCULATION	1,886.7 SF
RESIDENTIAL UNIT	14,121.9 SF
SERVICE	92.8 SF
	16,101.3 SF
TOTAL	27,091.4 SF



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L5 - FAR

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