THE SCOTT BUILDING -PROJECT NARRATIVE

The new Scott Building Revitalization and Development will be located at the site of the existing Scott Building, at the south-east corner of Douglas Street and Hillside Avenue. A corner of the Humber Green neighbourhood in its infancy, the building will be a gateway feature to both the neighbourhood and the centre of Victoria. The proposed development is comprised mostly of rental residential apartments with much of the ground floor street frontage dedicated to retail and commercial use.

The project includes rejuvenation of the existing three-storey Scott Building, a century-old brick-clad building with hybrid timber and steel structure, used for many different purposes through its life. The Scott Building will be revitalised to maintain its vintage character while employing updated building components where appropriate for building code and energy requirements. The building will undergo seismic upgrades and modern extensions to the east and the south. The centre of the building will be removed on the upper two-storeys to create a 'U' configuration and permit daylight to new appartments wrapping an elevateed courtyard at Level 2. A discrete fourth level, mostly concealed behind the parapet of the existing building, will be added to provide additional rental apartments.

The new volume to the east of the existing Scott Building will be of six-storey wood frame construction. The massing is designed so that the 6-storey volume is separated from the existing building in order for the existing building to be a visual focus from the surrounding streets. Modern interventions as part of the renovation of the existing building, take the language from the new building and marry them into the existing Scott building's character, harmonizing the project as one coherent development.

New interventions are pushed in from the street in order to express the heritage character of the Scott Building, providing relief along the sidewalk at Hillside and announcing the entries to the buildings.

The two volumes frame a green central plaza which is landscaped and paved in a way to create a pedestrianized experience while allowing for intermittent vehicular access the rear of the existing building for loading and garbage purposes, as well as access four short-term parking stalls dedicated to the commercial spaces.

One and a half levels of underground parking will fill the east side of the site under the new building and plaza. In the upper portion of the underground parkade, parking will be allocated to commercial/retail staff and customers as well as residential visitors. Beyond the staff and visitor parking, gated secure parking will be provided to building residents.

The main floor of the existing Scott Building will be commercial/retail. A cafe space is proposed on the main floor of the extension to the east of the existing building, providing activity off Hillside Avenue. The central plaza will be accessible to the public and is intended to be enjoyed by both residents and visitors.



1 **SITE LOCATION PLAN**
A001 1:1000

PROJECT TEAM

OWNER
2659 Douglas Street Holdings Ltd.
1639 W 2nd Ave, Vancouver, BC V6J 1H3
Primary Contact Andrew Rennison
604-736-1866

AGENT
SUMMIT BROOK CONSTRUCTION
31324 Peardonville Road #104, Abbotsord, BC V2T 6K8
Primary Contact Max Flynn
250-882-6573

ARCHITECT
MGA | Michael Green Architecture
1535 W 3rd Ave, Vancouver, BC V6J 1J8
Architect Michael Green
Contact Jordan Van Dijk
604-336-4770

PROJECT ADDRESS
2651 Douglas Street, 2659 Douglas Street
+ 735 Hillside Avenue

LEGAL DESCRIPTION
Lots A and B, Section 4, Victoria, VIP81776,
Lot 1 Plan 5915, Section 4, Victoria, VIP5915

PROPOSED ZONING
New Site-Specific Zone (Changed from C1-NN)
Large Urban Village

SITE AREA: 4, 804 m²

AVERAGE GRADE (See A004 for average grade calculations)
Existing Building average grade: 16.069 m
New Building average grade: 16.263 m
Average Building Grade: 16.164 m
*Note project ground floor is set at a geodetic elevation 16.307 m and building levels are dimensioned from that elevation.

PROPOSED HEIGHT
Existing and addition: 15.28m (taken from average grade)
New Building: 19.497m (taken from average grade)

APPLICABLE BUILDING CODE
BCBC 2018

STREETS FACING
Hillside Avenue to the North
Douglas Street to the West

FOR EXISTING SCOTT BUILDING
3.2.2.50. Group C, up to 6 Storeys, Sprinklered
Existing Building with 4 storey residential addition and extension.
Major Occupancies: A-2, C, D, E, F-3
Combustible construction permitted

FOR NEW BUILDING
3.2.2.50. Group C, up to 6 Storeys, Sprinklered
New 6-storey residential building
Major Occupancies: C, F-3
Combustible construction permitted

AREA CALCULATIONS PER CITY

Level 0	1724.1 m2
Level 0.5	1928.34 m2

FSR CALCULATIONS

Level 1	2,684.8 m2
Level 1b	439.2 m2
Level 2	2,507.8 m2
Level 3	2,537.7 m2
Level 4	2,215.7 m2
Level 5	851.8 m2
Level 6	769.3 m2
PROPOSED FSR	**12,006 m2**
ALLOWABLE FSR	12,011 m2
FSR RATIO	2.5

EXISTING & ADDITION	15,481 m
NEW BUILDING	19.495 m

251.0	m2	COMMERCIAL 1
26.8	m2	C1 MEZZANINE
169.9	m2	COMMERCIAL 2
51.3	m2	C2 MEZZANINE
164.7	m2	COMMERCIAL 3
48.8	m2	C3 MEZZANINE
360.0	m2	COMMERCIAL 4
140.7	m2	C4 MEZZANINE
108.2	m2	OFFICE
37.0	m2	OFFICE MEZZANINE
103.0	m2	STORAGE
41.2	m2	STORAGE MEZZANINE
68.4	m2	ACCESS CORRIDOR
87.5	m2	GYM
117.3	m2	RETAIL (EXTENSION)
70.6	m2	CAFE (NEW)
62.4	m2	OUTDOOR SEATING
125.8	m2	LOADING/GARBAGE

TOTAL COMMERCIAL AREA
2,034.6 m2

TOTAL RESIDENTIAL AREA
8,087.2 m2

UNIT CALCULATIONS EXISTING

No.	UNIT NAME	FSR	BOMA	L1	L2	L3	L4
001	1 BED LOFT A	53.3 m2	657 SF	3			
002	1 BED LOFT B	45.7 m2	569 SF	2			
003	1 BED LOFT C	50.0 m2	653 SF	1			
004	STUDIO A	36.4 m2	475 SF				1
005	STUDIO B	42.6 m2	538 SF		1	1	1
006	STUDIO C	41.4 m2	508 SF			1	1
116	STUDIO D	46.9 m2	606 SF		3	3	
117	STUDIO E	44.6 m2	575 SF		1	1	
118	STUDIO F	47.9 m2	621 SF		1	1	
101	1 BED A	59.5 m2	800 SF		1	1	
102	1 BED B	48.1 m2	615 SF		1	1	
103	1 BED C	48.5 m2	644 SF		1	1	
104	1 BED D	52.7 m2	654 SF		2		2
105	1 BED E	49.1 m2	600 SF		2	2	2
106	1 BED F	48.4 m2	654 SF				1
107	1 BED G	50.3 m2	629 SF			1	1
108	1 BED H	50.9 m2	638 SF			2	
109	1 BED I	36.8 m2	456 SF			1	1
110	1 BED J	55.9 m2	719 SF				1
111	1 BED K	52.1 m2	625 SF				1
112	1 BED L	55.9 m2	659 SF				1
113	1 BED M	47.6 m2	599 SF		1	1	1
114	1 BED N	42.4 m2	530 SF		1	1	1
115	1 BED O	50.3 m2	629 SF		1		
206	1 BED & DEN A	61.0 m2	783 SF		3	3	
207	1 BED & DEN B	62.3 m2	776 SF		1	1	1
208	1 BED & DEN C	63.9 m2	790 SF		1	1	1
209	1 BED & DEN D	65.1 m2	808 SF		1		
201	1 BED & DEN E	61.3 m2	751 SF		1	1	1
202	2 BED B	79.2 m2	1011 SF		1		1
203	2 BED C	67.0 m2	863 SF				1
204	2 BED D	59.7 m2	731 SF			1	
205	2 BED E	60.2 m2	736 SF		1		1
301	2 BED & DEN A	75.1 m2	935 SF			1	
	TOTAL UNITS -EXISTING			6	25	26	21

UNIT CALCULATIONS -NEW

No.	UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
N101	1 BED AA	57.7 m2	699 SF		3	3	3	3	3
N102	1 BED BB	52.8 m3	649 SF		1	1	1	1	1
N103	1 BED CC	55.3 m2	672 SF		2		2		
N104	1 BED DD	51.2 m2	631 SF		1		1		
N105	1 BED EE	46.6 m2	581 SF		1		1		
N106	1 BED FF	59 m2	717 SF		1		1		
N107	1 BED GG	48.2 m2	615 SF		1	1	1		
N108	1 BED HH	57.1 m2	690 SF			2		2	
N109	1 BED II	53 m2	649 SF			1		1	
N110	1 BED JJ	48.3 m2	599 SF			1		1	
N111	1 BED KK	40.8 m2	523 SF					1	1
N112	1 BED LL	47.5 m2	582 SF						2
N113	1 BED MM	43.4 m2	541 SF						1
N114	1 BED NN	41.5 m2	521 SF						1
N115	1 BED OO	43.7 m2	548 SF						1
N116	1 BED PP	45.1 m2	485 SF	1					
N201	1 BED & DEN AA	59.2 m2	724 SF	1					
N202	1 BED & DEN BB	63.3 m2	756 SF	2					
N203	1 BED & DEN CC	68.9 m2	854 SF	1					
N204	1 BED & DEN DD	68.3 m2	843 SF	1					
N205	1 BED & DEN EE	61 m2	745 SF			1		1	
N206	2 BED AA	57.4 m2	708 SF	1					
N207	2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
N301	3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
N302	3 BED BB	93.5 m2	1107 SF	1					
	TOTAL UNITS -NEW			8	12	12	12	12	12

UNIT TYPES

	No#	%
1 BED LOFT	6	4%
STUDIO	16	11%
1 BED	82	56%
1 B & DEN	23	16%
2 BED	7	5%
2 BED & DEN	6	4%
3 BED	6	4%
TOTAL	146	100%

PARKING CALCULATIONS

RESIDENTIAL PARKING

	Parking Rate	# of Units	Required	Provided (per TDM)
<45m2	0.6	18	10.80	0
45-70m2	0.7	114	79.80	43
>70m2	1.1	14	15.40	10
Visitor Parking	0.1	146	14.60	10
		TOTAL RESIDENTIAL PARKING	120.60	63

COMMERCIAL PARKING

		Total Area (m2)		
Retail (Existing)	1/ 50m2	251	5.02	21
Retail (Adjacent)	1/50m2	117	2.35	3
Café	1/ 25m2	71	2.82	1
Outdoor Seating	1/ 25m2	62	2.50	0
Loading/Garbage	1/ 50m2	126	2.52	0
		TOTAL COMMERCIAL PARKING	15.20	25
		TOTAL PARKING	**136**	**88**

*REFER TO TDM STUDY FOR PARKING REDUCTION RATIONALE.

BICYCLE PARKING

BIKE PARKING | LONG TERM		# of Units	Required	Provided
Residential	1 / unit <45m2	18	18.00	20
Residential	1.25/unit >45m2	128	160.00	165
		Total Area (m2)		
Commercial	1/200m2	2,035	10.17	7
		TOTAL LONG TERM BIKE PARKING	**188.17**	**192.00**
		FLOOR-MOUNTED RACKS		162
		WALL-MOUNTED RACKS		30

BIKE PARKING | SHORT TERM		Total Area (m2)	Required	Provided
Residential	0.1 x 151	-	15.00	15
Commercial/Garbage	1/200m2	494.1	2.5	7
Café/Outdoor Seating	1/100m2	133.0	1.3	1
		TOTAL SHORT TERM BIKE PARKING	**19**	**24**

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CITY OF VICTORIA

Revisions
Received Date: January 10, 2022

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1JB

20°

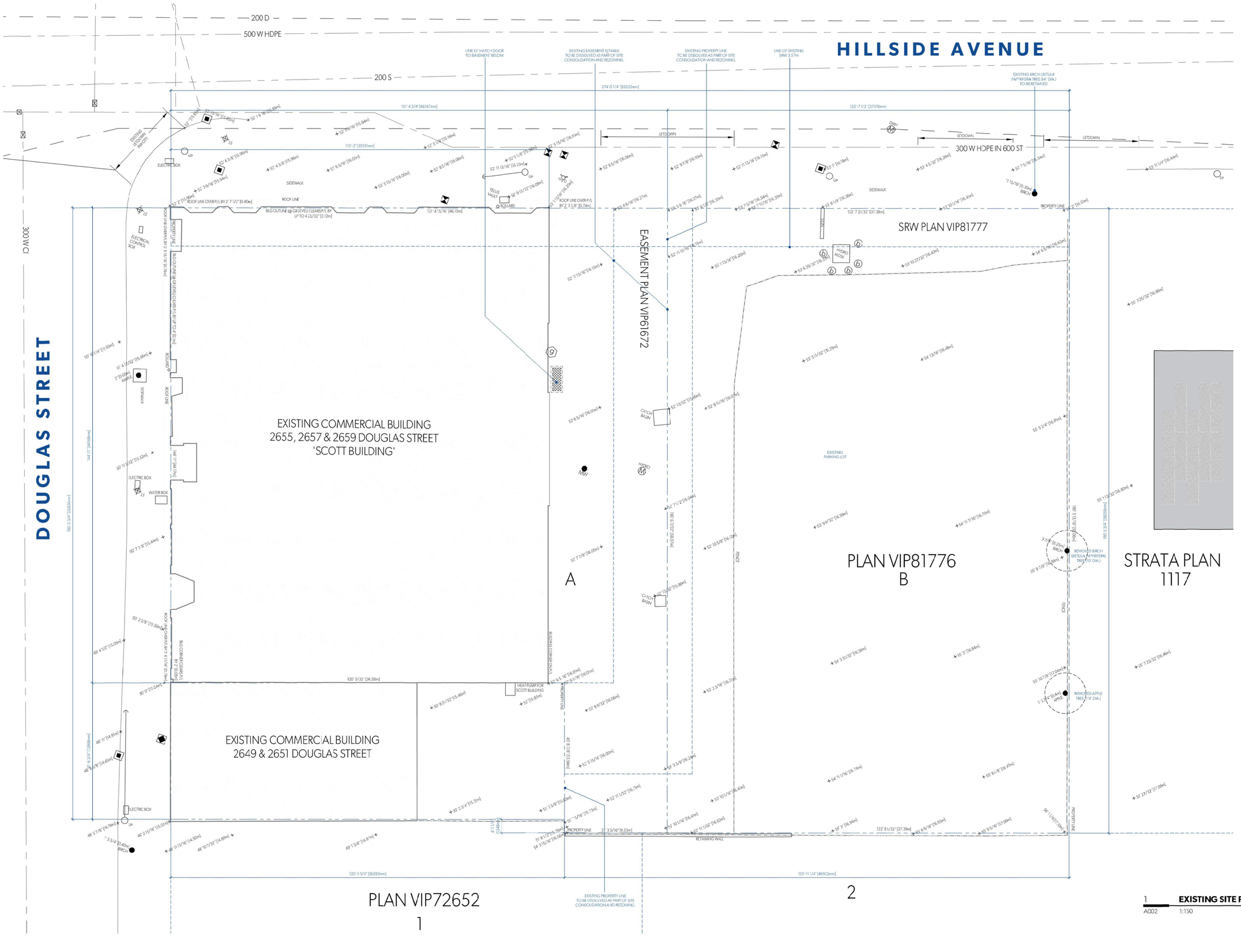
2021-12-03	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
2020-12-22	F	REVISED FOR REZONING & DP
2020-10-16	E	REVISED FOR REZONING & DP
2019-10-31	D	REVISED FOR REZONING & DP
2019-09-27	C	REZONING & DP RESUBMISSION
2019-07-04	B	ISSUED FOR REZONING & DP
2018-09-25	A	ISSUED FOR REZONING & DP

DATE REVISION DESCRIPTION

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A001
PROJECT DESCRIPTION
SITE LOCATION



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SYMBOL LEGEND

- LS — LIGHT STANDARD
- 3 3/4" [0.40m] BIRCH — TREE (TYPE & DIAMETER)
- FIRE HYDRANT
- WATER VALVE
- WATER MAIN
- 52' 3 9/16" [15.94m] — CATCH BASIN & ELEVATION @ RIM
- MANHOLE
- GAS METER
- BOLLARD
- UP — UTILITY POLE
- MW — MONITORING WELL
- UTILITY POLE ANCHOR
- 52' 3 9/16" [15.94m] — SURVEYED GEODETIC SPOT ELEVATION
- EL. -1'-0" [-305mm] GSC 52' 3 9/16" — PROPOSED GRADE

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

20°

2021-12-06	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
2020-12-22	F	REVISED FOR REZONING & DP
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

1 **EXISTING SITE PLAN**
A002 1:150

A002
EXISTING SITE PLAN

HILLSIDE AVENUE

DOUGLAS STREET

LANE

BUS

PROPOSED SITE PLAN

A003 1:150

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PROJECT INFORMATION TABLE

ZONE	NEW SITE SPECIFIC ZONE CORE RESIDENTIAL	
SITE AREA	4804.3	m2
TOTAL FLOOR AREA	12006	m2
COMMERCIAL FLOOR AREA	2035	m2
FLOOR SPACE AREA	2.5	
SITE COVERAGE	62%	
OPEN SITE SPACE	27%	
HEIGHT OF EXISTING BUILDING & ADDITION	15.481 m	
HEIGHT OF NEW BUILDING	19.495 m	
# OF STOREYS IN EXISTING & ADDITION	4	
# OF STOREYS IN NEW BUILDING	6	
PARKING STALLS ON SITE	88	
TOTAL BICYCLE PARKING	216	
LONG TERM FLOOR MOUNTED	162	
LONG TERM WALL MOUNTED	30	
SHORT TERM BIKE PARKING	24	
BUILDING SETBACKS AT GRADE		
NORTH SETBACK EXISTING (BLDG A)	0 m	
NORTH SET BACK NEW (BLDG B)	3.66 m	
EAST SETBACK NEW (BLDG B)	5.88 m	
SOUTH SETBACK NEW (BLDG B)	5.00 m	
SOUTH SETBACK EXISTING (BLDG A)	3.93 m	
WEST SETBACK EXISTING (BLDG A)	0 m	
BUILDING SETBACKS AT 4TH LEVEL ADDITION		
NORTH SETBACK EXISTING (BLDG A)	5.29 m	
WEST SETBACK EXISTING (BLDG A)	3.74 m	
RESIDENTIAL USE DETAILS		
TOTAL NUMBER OF UNITS	146	
UNIT TYPE		
1 BED LOFT	6	
STUDIO	16	
1 BED	82	
1 B & DEN	23	
2 BED	7	
2 BED & DEN	6	
GROUND-ORIENTATED UNITS	14	
MINIMUM UNIT FLOOR AREA	36.4 m2	(STUDIO A)
TOTAL RESIDENTIAL FLOOR AREA	8087.2	m2

SYMBOL LEGEND

- LS — LIGHT STANDARD
- 3 3/4" [0.40m] BIRCH — TREE (TYPE & DIAMETER)
- FIRE HYDRANT
- WATER VALVE
- WATER MAIN
- 52' 3 9/16" [15.94m] — CATCH BASIN & ELEVATION @ RIM
- MANHOLE
- GAS METER
- BOLLARD
- UP — UTILITY POLE
- MW — MONITORING WELL
- UTILITY POLE ANCHOR
- 52' 3 9/16" [15.94m] — SURVEYED GEODETIC SPOT ELEVATION
- EL. -1'-0" [-305mm] GRAD. EL. 16.80m — PROPOSED GRADE

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

N 20°

2021-12-06	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
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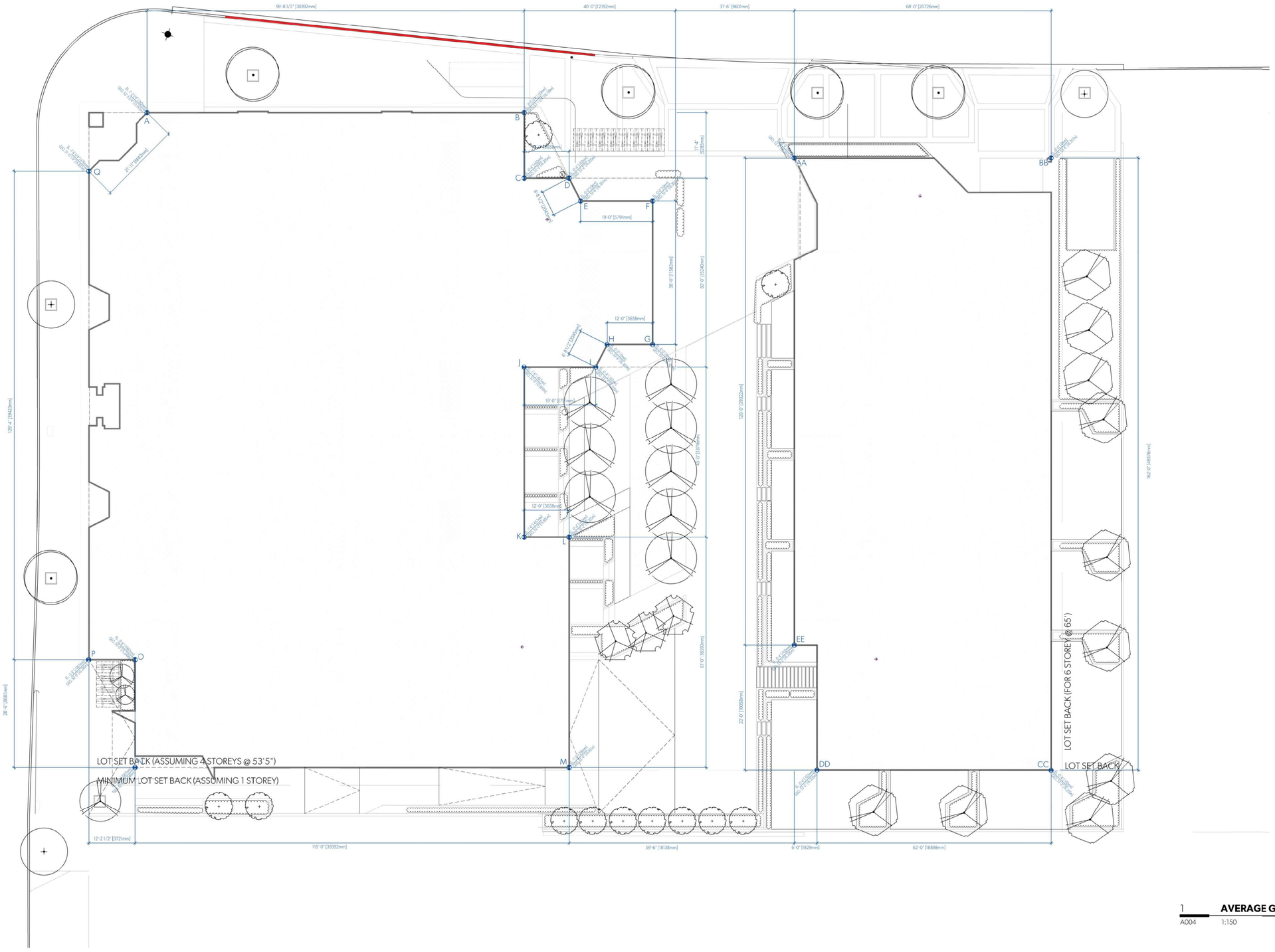
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
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VICTORIA, BC
2017-016

A003
PROPOSED SITE PLAN

DOUGLAS STREET



1 **AVERAGE GRADE PLAN**
A004 1:150

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AVERAGE GRADE CALCULATIONS

EXISTING BUILDING GRADE POINTS		x	DIST. BTWN PTS		TOTAL
POINTS A & B	(15.945m + 16.199m)	x 0.5	30.392m	=	**488.460**
POINTS B & C	(16.199m + 16.205m)	x 0.5	5.285m	=	85.628
POINTS C & D	(16.205m + 16.205m)	x 0.5	3.658m	=	59.278
POINTS D& E	(16.205m + 16.307m)	x 0.5	2.045m	=	33.244
POINTS E & F	(16.307m + 16.307m)	x 0.5	5.791m	=	94.434
POINTS F & G	(16.307m + 16.307m)	x 0.5	11.582m	=	188.868
POINTS G & H	(16.307m + 16.307m)	x 0.5	3.658m	=	59.651
POINTS H & I	(16.307m + 16.205m)	x 0.5	2.045m	=	33.244
POINTS I & J	(16.205m + 15.850m)	x 0.5	5.791m	=	92.815
POINTS J & K	(15.850m + 15.850m)	x 0.5	13.716m	=	217.399
POINTS K & L	(15.850m + 16.205m)	x 0.5	3.658m	=	58.629
POINTS L & M	(16.205m + 15.951m)	x 0.5	18.593m	=	298.938
POINTS M & N	(15.951m + 15.392m)	x 0.5	35.052m	=	549.317
POINTS N & O	(15.240m + 15.240m)	x 0.5	8.685m	=	132.359
POINTS O & P	(15.240m + 15.240m)	x 0.5	3.721m	=	56.708
POINTS P & Q	(15.240m + 15.831m)	x 0.5	8.685m	=	134.926
POINTS Q & A	(15.831m + 15.945m)	x 0.5	39.423m	=	626.35
TOTAL					3210.231

PERIMETER = 199.779m

EXISTING BUILDING AVG GRADE = 3210.251/199.779m= 16.069m

NEW BULDING GRADE POINTS		x	DIST. BTWN PTS		TOTAL
POINTS AA & BB	(16.307m + 16.307m)	x 0.5	21.031m	=	343.953
POINTS BB & CC	(16.307m + 16.205m)	x 0.5	49.378m	=	802.689
POINTS CC & DD	(16.205m + 16.205m)	x 0.5	21.031m	=	340.807
POINTS DD & EE	(16.205m + 16.205m)	x 0.5	10.058m	=	162.99
POINTS EE & AA	(16.205m + 16.307m)	x 0.5	39.319m	=	639.17
TOTAL					2289.608

PERIMETER = 140.818m

NEW BUILDING AVG GRADE = 2289.608/140.818m= 16.259m

AVERAGE BUILDING GRADE ACROSS SITE

EXISTING BUILDING AVERAGE GRADE + NEW BUILDING AVERAGE GRADE / 2
(16.069 + 16.259) x 0.5 = 16.164

TOTAL

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

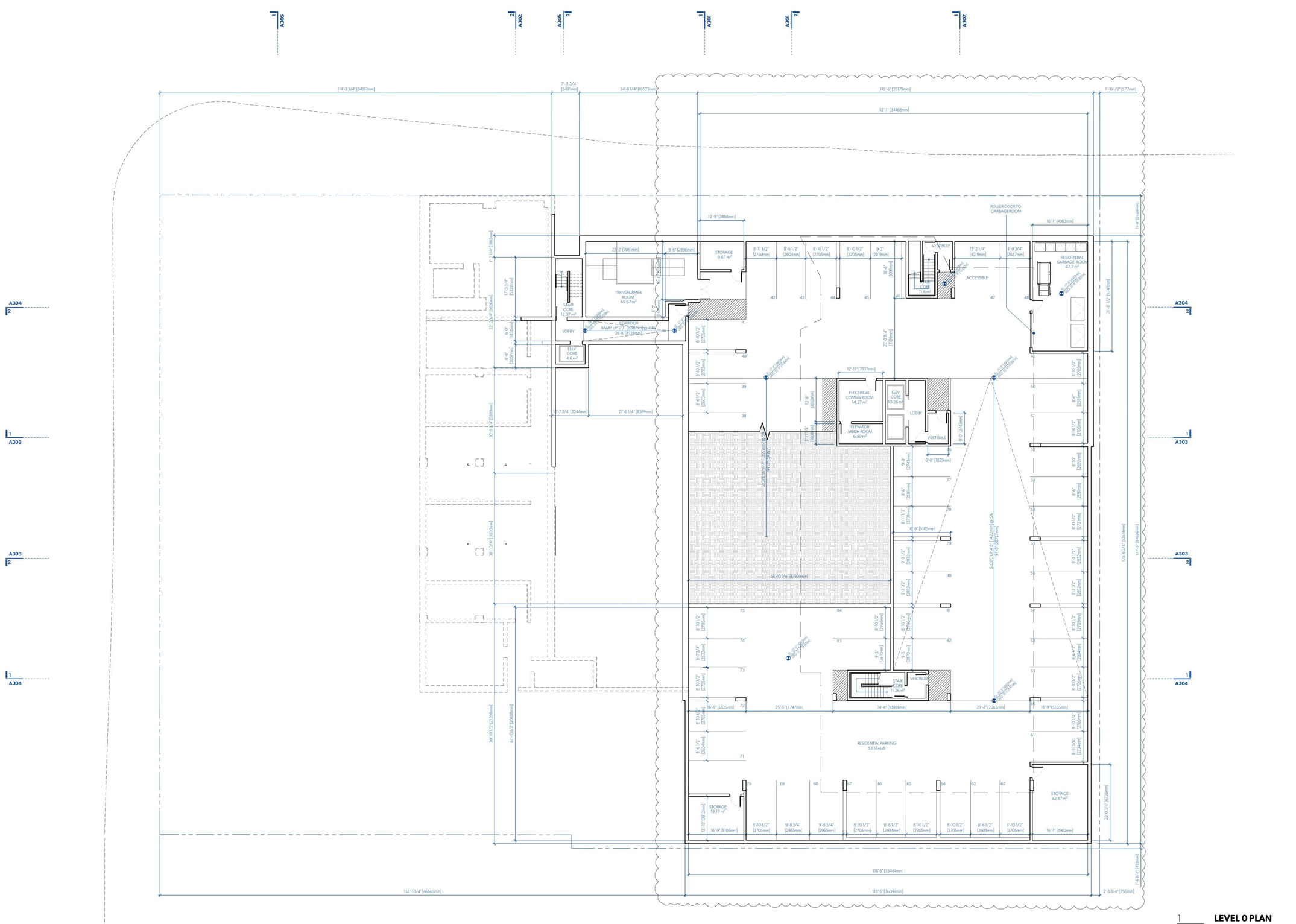
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2021-12-06	H	REZONING & DP RESUBMISSION
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A004
AVERAGE GRADE PLAN



1 **LEVEL 0 PLAN**
A100a 1:150

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PARKING CALCULATIONS

RESIDENTIAL	Parking Rate	# of Units	Stalls req'd	Stalls prov'd
<45m2	0.60	18	10.80	0
45-70m2	0.70	114	79.80	43
>70m2	1.10	14	15.40	10
Visitor Parking	0.10	146	14.60	10
TOTAL RESIDENTIAL PARKING			120.60	63

COMMERCIAL	Parking Rate	Area (m2)	Stalls req	Stalls prov'd
Retail (Existing)	1/ 50m2	251.0	5.02	23
Retail (Extension)	1/ 50m2	117.3	2.35	3
Café	1/ 25m2	70.6	2.82	1
TOTAL COMMERCIAL PARKING			15.20	25
TOTAL PARKING			**135.80**	**88**

BICYCLE PARKING | LONG TERM

Residential	Parking Rate	# of Units	Stalls req'd	Stalls prov'd
	1 / unit <45m2	18	18.00	20
	1.25/unit >45m2	128	160.00	165
		Area (m2)		
Commercial	1/200m2	2035	10.17	7
TOTAL LONG TERM BIKE PARKING			**188.17**	**192**
FLOOR-MOUNTED RACKS				162
WALL-MOUNTED RACKS				30

BICYCLE PARKING | SHORT TERM

Residential	6/ building	Area (m2)	Stalls req'd	Stalls prov'd
Commercial	1/200m2	2,034.6	12.00	12
			10.17	**7**
TOTAL SHORT TERM BIKE PARKING			**22.17**	**24**

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1JB

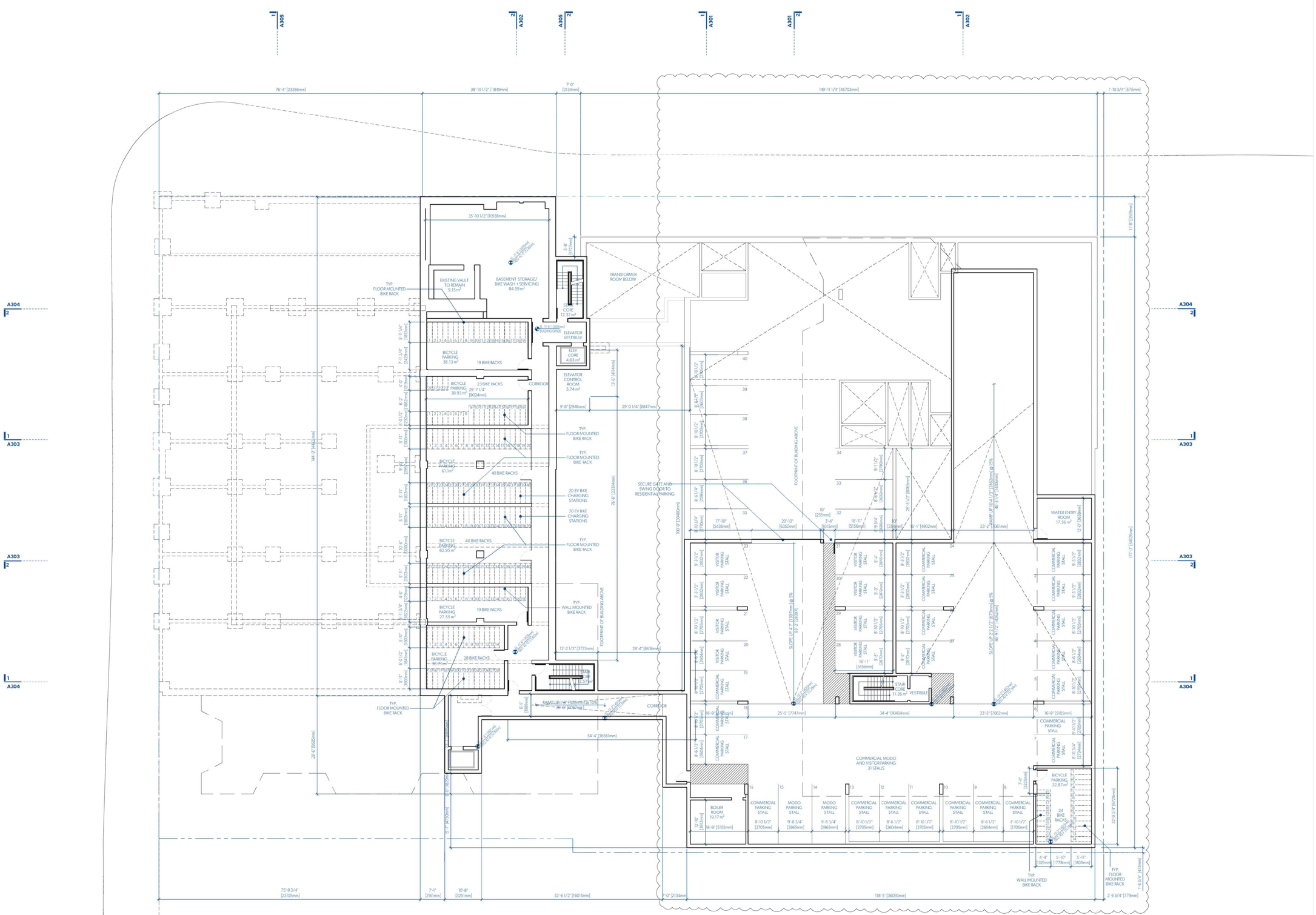
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DATE	REVISION	DESCRIPTION
2021-12-06	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
2020-12-22	F	REVISED FOR REZONING & DP
2020-10-16	E	REVISED FOR REZONING & DP
2019-10-31	D	REVISED FOR REZONING & DP
2019-09-27	C	REZONING & DP RESUBMISSION
2019-07-04	B	ISSUED FOR REZONING & DP
2018-09-25	A	ISSUED FOR REZONING & DP

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A100a
LEVEL 0 PLAN



1 **LEVEL 0.5 PLAN**
A100b 1:150

MGA

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PARKING CALCULATIONS

RESIDENTIAL	Parking Rate	# of Units	Stalls req'd	Stalls prov'd
<45m2	0.60	18	10.80	0
45-70m2	0.70	114	79.80	43
>70m2	1.10	14	15.40	10
Visitor Parking	0.10	146	14.60	10
TOTAL RESIDENTIAL PARKING			120.60	63

COMMERCIAL	Parking Rate	Area (m2)	Stalls req	Stalls prov'd
Retail (Existing)	1/ 50m2	253.0	5.02	23
Retail (Extension)	1/ 50m2	117.3	2.35	3
Café	1/ 25m2	70.6	2.82	1
TOTAL COMMERCIAL PARKING			15.20	25
TOTAL PARKING			**135.80**	**88**

BICYCLE PARKING | LONG TERM

Residential	Parking Rate	# of Units	Stalls req'd	Stalls prov'd
	1 / unit <45m2	18	18.00	20
	1.25/unit >45m2	128	160.00	165
		Area (m2)		
Commercial	1/200m2	2035	10.17	7
TOTAL LONG TERM BIKE PARKING			**188.17**	**192**
FLOOR MOUNTED RACKS				162
WALL-MOUNTED RACKS				30

BICYCLE PARKING | SHORT TERM

		Area (m2)	Stalls req'd	Stalls prov'd
Residential	6/ building	-	12.00	12
Commercial	1/200m2	2,034.6	10.17	**7**
TOTAL SHORT TERM BIKE PARKING			**22.17**	**24**

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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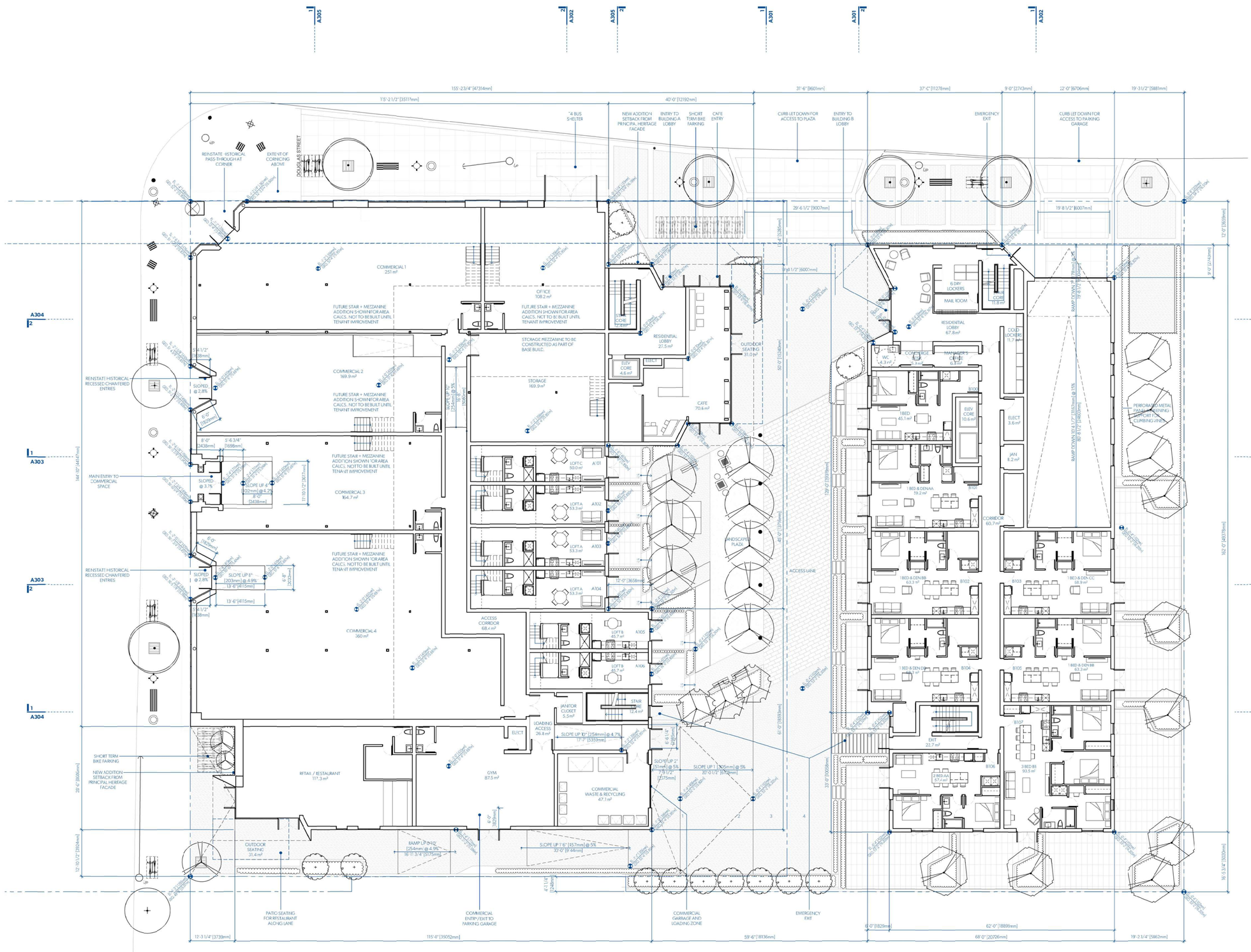
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DATE REVISION DESCRIPTION

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A100b
LEVEL 0.5 PLAN



1 **LEVEL 1 PLAN**
A101a 1:150

MGA
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UNIT CALCULATIONS EXISTING

UNIT NAME	FSR	BOMA	L1	L2	L3	L4
1 BED LOFT A	53.3 m2	657 SF	3			
1 BED LOFT B	45.7 m2	369 SF	2			
1 BED LOFT C	50.0 m2	653 SF	1			
STUDIO A	36.4 m2	475 SF				1
STUDIO B	42.6 m2	538 SF		1	1	1
STUDIO C	41.4 m2	508 SF			1	1
STUDIO D	46.9 m2	606 SF		3	3	
STUDIO E	44.6 m2	575 SF		1	1	
STUDIO F	47.9 m2	621 SF		1	1	
1 BED A	59.5 m2	800 SF		1	1	
1 BED B	48.1 m2	615 SF		1	1	
1 BED C	48.5 m2	644 SF		1	1	
1 BED D	52.7 m2	654 SF		2		2
1 BED E	49.1 m2	600 SF		2	2	2
1 BED F	48.4 m2	654 SF				1
1 BED G	50.3 m2	629 SF			1	1
1 BED H	50.9 m2	638 SF			2	
1 BED I	36.8 m2	456 SF			1	1
1 BED J	55.9 m2	719 SF				1
1 BED K	52.1 m2	625 SF				1
1 BED L	55.9 m2	659 SF				1
1 BED M	47.6 m2	599 SF		1	1	1
1 BED N	42.4 m2	530 SF		1	1	1
1 BED O	50.3 m2	629 SF		1		
1 BED & DEN A	61.0 m2	783 SF		3	3	
1 BED & DEN B	62.3 m2	776 SF		1	1	1
1 BED & DEN C	63.9 m2	790 SF		1	1	1
1 BED & DEN D	65.1 m2	808 SF		1		
1 BED & DEN E	61.3 m2	751 SF		1	1	1
2 BED B	79.2 m2	1011 SF		1		1
2 BED C	67.0 m2	863 SF				1
2 BED D	59.7 m2	731 SF			1	
2 BED E	60.2 m2	736 SF		1		1
2 BED & DEN A	75.1 m2	935 SF			1	
TOTAL UNITS -EXISTING			6	25	26	21

UNIT CALCULATIONS -NEW

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
1 BED AA	57.7 m2	699 SF		3	3	3	3	3
1 BED BB	52.8 m3	649 SF		1	1	1	1	1
1 BED CC	55.3 m2	672 SF		2		2		
1 BED DD	51.2 m2	631 SF		1		1		
1 BED EE	46.6 m2	581 SF		1		1		
1 BED FF	59 m2	717 SF		1		1		
1 BED GG	48.2 m2	615 SF		1	1	1		
1 BED HH	57.1 m2	690 SF			2		2	
1 BED II	53 m2	649 SF			1		1	
1 BED JJ	48.3 m2	599 SF			1		1	1
1 BED KK	40.8 m2	523 SF					1	1
1 BED LL	47.5 m2	582 SF						2
1 BED MM	43.4 m2	541 SF						1
1 BED NN	41.5 m2	521 SF						1
1 BED OO	43.7 m2	548 SF						1
1 BED PP	45.1 m2	485 SF	1					
1 BED & DEN AA	59.2 m2	724 SF	1					
1 BED & DEN BB	63.3 m2	756 SF	2					
1 BED & DEN CC	68.9 m2	854 SF	1					
1 BED & DEN DD	68.3 m2	843 SF	1					
1 BED & DEN EE	61 m2	745 SF				1		1
2 BED AA	57.4 m2	708 SF	1					
2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
3 BED BB	93.5 m2	1107 SF	1					
TOTAL UNITS -NEW			8	12	12	12	12	12

1 BED LOFT	6	4%
STUDIO	16	11%
1 BED	82	0.56
1 & 1 DEN	23	0.16
2 BED	7	0.05
2 BED & DEN	6	0.04
TOTAL	146	

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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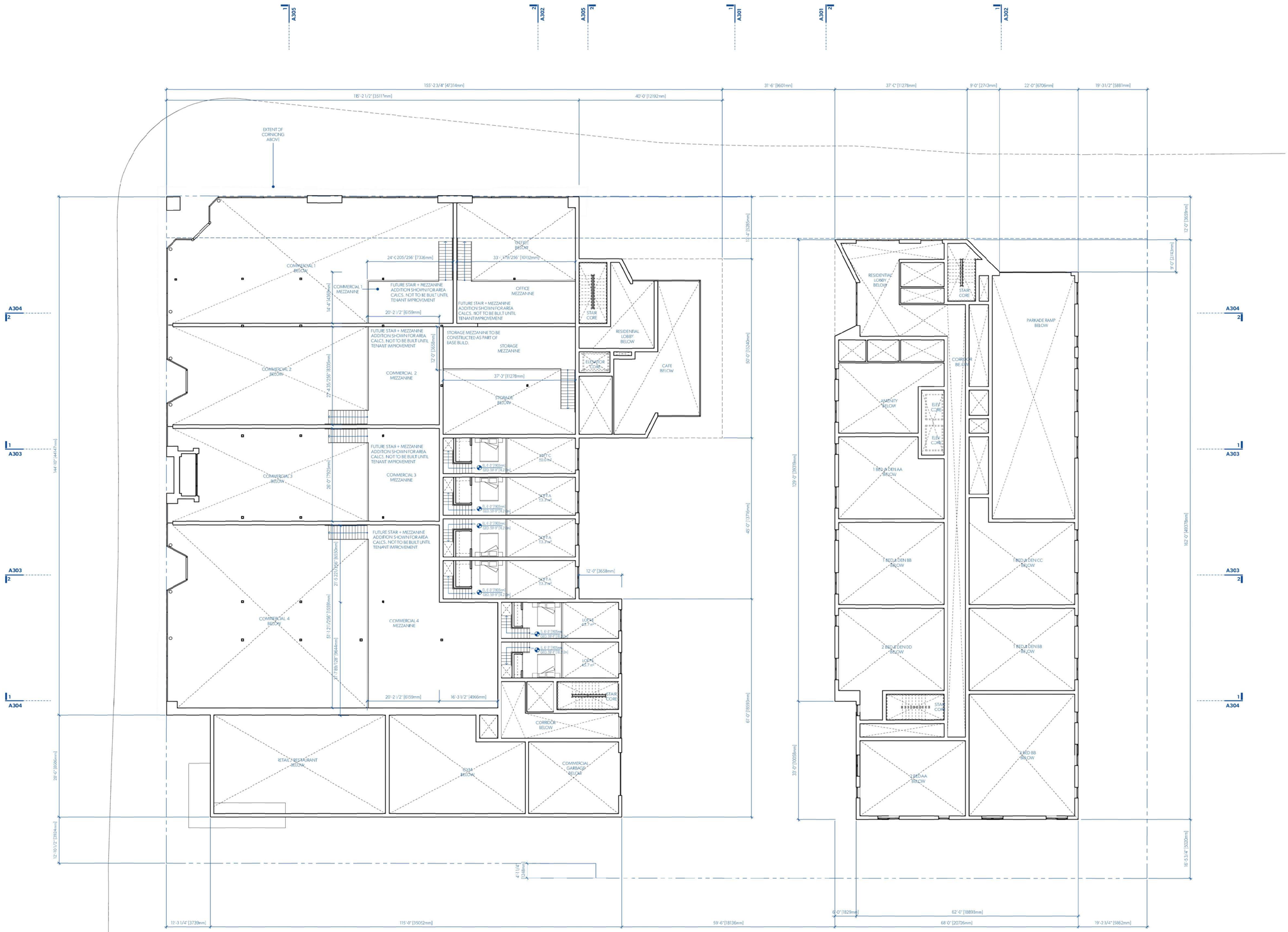
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A101a
LEVEL 1 PLAN



1 LEVEL 1b PLAN
A101b 1:150

MGA

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UNIT CALCULATIONS EXISTING

UNIT NAME	FSR	BOMA	L1	L2	L3	L4
1 BED LOFT A	53.3 m2	657 SF	3			
1 BED LOFT B	45.7 m2	369 SF	2			
1 BED LOFT C	50.0 m2	653 SF	1			
STUDIO A	36.4 m2	475 SF				1
STUDIO B	42.6 m2	538 SF		1	1	1
STUDIO C	41.4 m2	508 SF			1	1
STUDIO D	46.9 m2	606 SF		3	3	
STUDIO E	44.6 m2	575 SF		1	1	
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1 BED A	59.5 m2	800 SF		1	1	
1 BED B	48.1 m2	615 SF		1	1	
1 BED C	48.5 m2	644 SF		1	1	
1 BED D	52.7 m2	654 SF		2		2
1 BED E	49.1 m2	600 SF		2	2	2
1 BED F	48.4 m2	654 SF				1
1 BED G	50.3 m2	629 SF			1	1
1 BED H	50.9 m2	638 SF			2	
1 BED I	36.8 m2	456 SF			1	1
1 BED J	55.9 m2	719 SF				1
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1 BED L	55.9 m2	659 SF				1
1 BED M	47.6 m2	599 SF		1	1	1
1 BED N	42.4 m2	530 SF		1	1	
1 BED O	50.3 m2	629 SF		1		
1 BED & DEN A	61.0 m2	783 SF		3	3	
1 BED & DEN B	62.3 m2	776 SF		1		1
1 BED & DEN C	63.9 m2	790 SF		1	1	1
1 BED & DEN D	65.1 m2	808 SF		1		
1 BED & DEN E	61.3 m2	751 SF		1	1	1
2 BED B	79.2 m2	1011 SF		1		1
2 BED C	67.0 m2	863 SF				1
2 BED D	59.7 m2	731 SF			1	
2 BED E	60.2 m2	736 SF		1		1
2 BED & DEN A	75.1 m2	935 SF			1	
TOTAL UNITS -EXISTING			6	25	26	21

UNIT CALCULATIONS -NEW

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
1 BED AA	57.7 m2	699 SF		3	3	3	3	3
1 BED BB	52.8 m3	649 SF		1	1	1	1	1
1 BED CC	55.3 m2	672 SF		2		2		
1 BED DD	51.2 m2	631 SF		1		1		
1 BED EE	46.6 m2	581 SF		1		1		
1 BED FF	59 m2	717 SF		1		1		
1 BED GG	48.2 m2	615 SF		1	1	1		
1 BED HH	57.1 m2	690 SF			2		2	
1 BED II	53 m2	649 SF			1		1	
1 BED JJ	48.3 m2	599 SF			1		1	
1 BED KK	40.8 m2	523 SF					1	1
1 BED LL	47.5 m2	582 SF						2
1 BED MM	43.4 m2	541 SF						1
1 BED NN	41.5 m2	521 SF						1
1 BED OO	43.7 m2	548 SF						1
1 BED PP	45.1 m2	485 SF	1					
1 BED & DEN AA	59.2 m2	724 SF	1					
1 BED & DEN BB	63.3 m2	756 SF	2					
1 BED & DEN CC	68.9 m2	854 SF	1					
1 BED & DEN DD	68.3 m2	843 SF	1					
1 BED & DEN EE	61 m2	745 SF			1			1
2 BED AA	57.4 m2	708 SF	1					
2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
3 BED BB	93.5 m2	1107 SF	1					
TOTAL UNITS -NEW			8	12	12	12	12	12

1 BED LOFT	6	4%
STUDIO	16	11%
1 BED	82	0.56
1 & DEN	23	0.16
2 BED	7	0.05
2 BED & DEN	6	0.04
TOTAL	146	

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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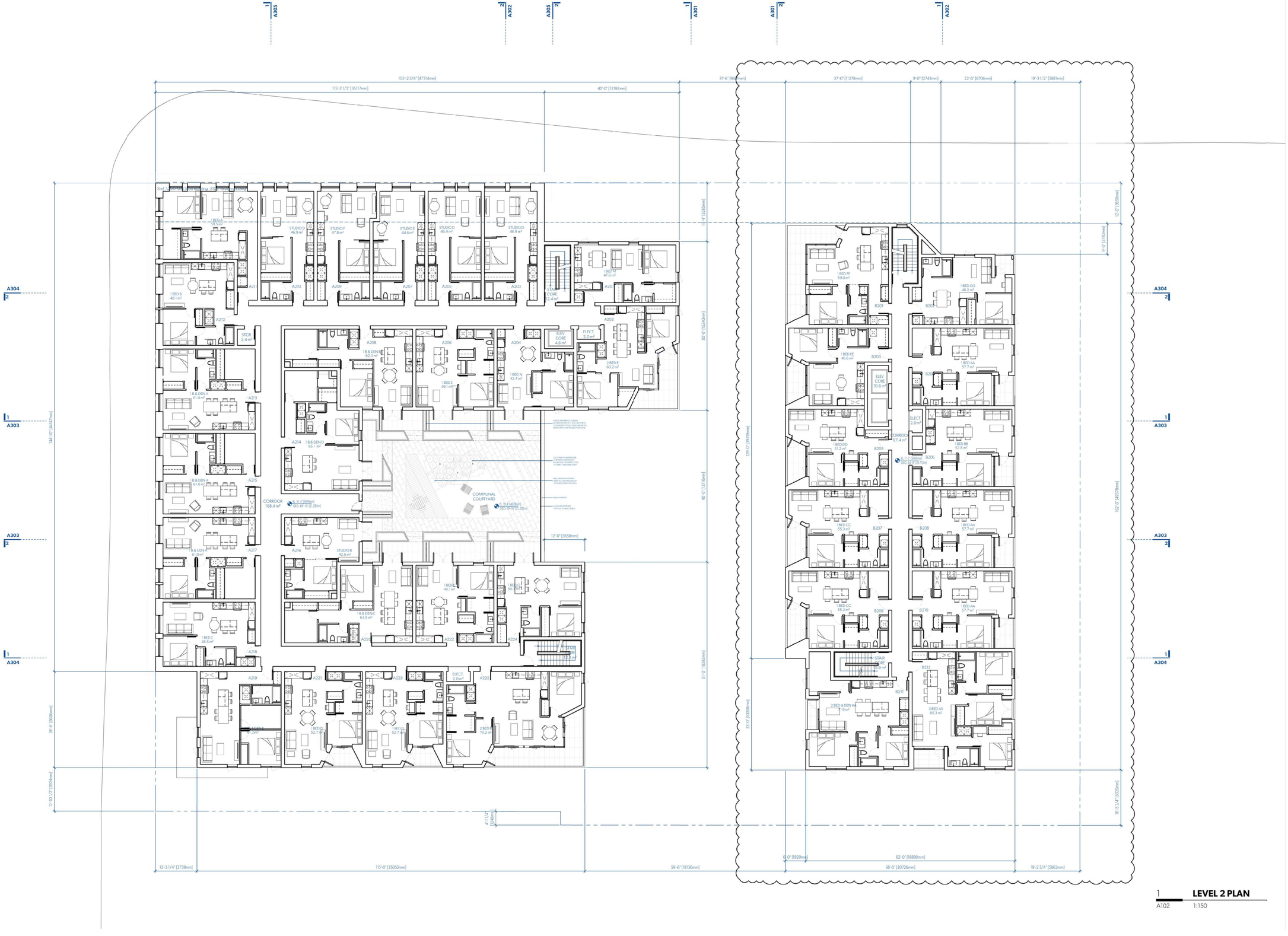
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A101b
LEVEL 1b PLAN



1 **LEVEL 2 PLAN**
A102 1:150

MGA

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UNIT CALCULATIONS EXISTING

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	
1 BED LOFT A	53.3 m2	657 SF	3				
1 BED LOFT B	65.7 m2	369 SF	2				
1 BED LOFT C	50.0 m2	653 SF	1				
STUDIO A	36.4 m2	475 SF				1	
STUDIO B	42.6 m2	538 SF		1	1	1	
STUDIO C	41.4 m2	508 SF			1	1	
STUDIO D	46.9 m2	606 SF		3	3		
STUDIO E	44.6 m2	575 SF		1	1		
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1 BED A	59.5 m2	800 SF		1	1		
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1 BED C	48.5 m2	644 SF		1	1		
1 BED D	52.7 m2	654 SF		2		2	
1 BED E	49.1 m2	600 SF		2	2	2	
1 BED F	48.4 m2	654 SF				1	
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1 BED H	50.9 m2	638 SF			2		
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1 BED & DEN D	65.1 m2	808 SF		1			
1 BED & DEN E	61.3 m2	751 SF		1	1	1	
2 BED B	79.2 m2	1011 SF		1		1	
2 BED C	67.0 m2	863 SF				1	
2 BED D	59.7 m2	731 SF			1		
2 BED E	60.2 m2	736 SF		1		1	
2 BED & DEN A	75.1 m2	935 SF			1		
TOTAL UNITS -EXISTING			6	25	26	21	

UNIT CALCULATIONS -NEW

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
1 BED AA	57.7 m2	699 SF			3	3	3	3
1 BED BB	52.8 m3	649 SF		1	1	1	1	1
1 BED CC	55.3 m2	672 SF		2		2		
1 BED DD	51.2 m2	631 SF		1		1		
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1 BED FF	59 m2	717 SF		1		1		
1 BED GG	48.2 m2	615 SF		1	1	1		
1 BED HH	57.1 m2	690 SF			2		2	
1 BED II	53 m2	649 SF			1		1	
1 BED JJ	48.3 m2	599 SF			1		1	
1 BED KK	40.8 m2	523 SF					1	1
1 BED LL	47.5 m2	582 SF						2
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1 BED & DEN DD	68.3 m2	843 SF	1					
1 BED & DEN EE	61 m2	745 SF				1		1
2 BED AA	57.4 m2	708 SF	1					
2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
3 BED BB	93.5 m2	1107 SF	1					
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STUDIO	16	11%
1 BED	82	0.56
1 & DEN	23	0.16
2 BED	7	0.05
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N 20°

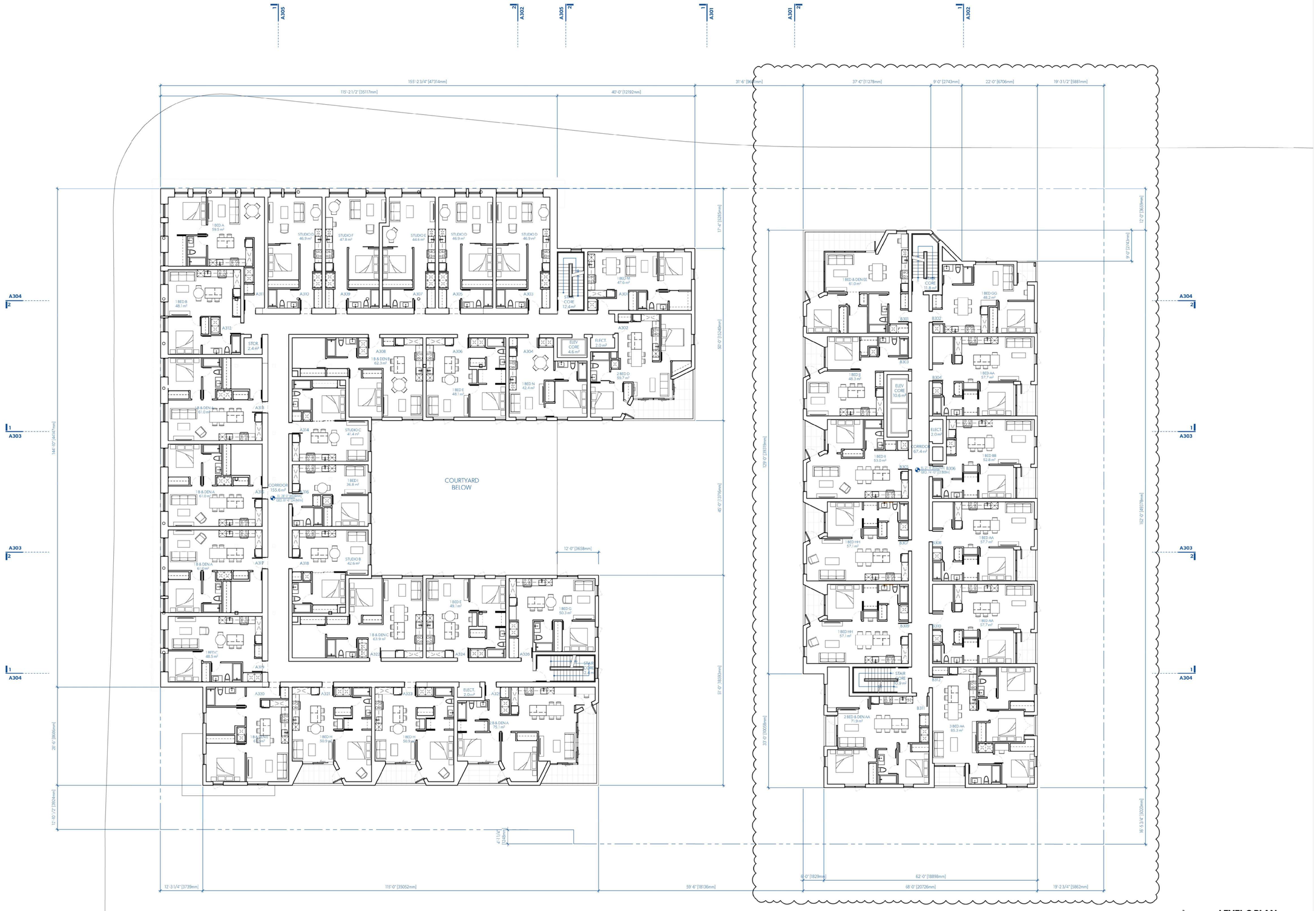
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DATE REVISION DESCRIPTION

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A102
LEVEL 2 PLAN



1 LEVEL 3 PLAN
A103 1:150

MGA

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UNIT CALCULATIONS EXISTING

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	
1 BED LOFT A	53.3 m2	657 SF	3				
1 BED LOFT B	45.7 m2	369 SF	2				
1 BED LOFT C	50.0 m2	653 SF	1				
STUDIO A	36.4 m2	475 SF				1	
STUDIO B	42.6 m2	538 SF		1	1	1	
STUDIO C	41.4 m2	508 SF			1	1	
STUDIO D	46.9 m2	606 SF		3	3		
STUDIO E	44.6 m2	575 SF		1	1		
STUDIO F	47.8 m2	621 SF		1	1		
1 BED A	59.5 m2	800 SF		1	1		
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1 BED C	48.5 m2	644 SF		1	1		
1 BED D	52.7 m2	654 SF		2		2	
1 BED E	49.1 m2	600 SF		2	2	2	
1 BED F	48.4 m2	654 SF				1	
1 BED G	50.3 m2	629 SF			1	1	
1 BED H	50.9 m2	638 SF			2		
1 BED I	36.8 m2	456 SF			1	1	
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2 BED E	60.2 m2	736 SF		1		1	
2 BED & DEN A	75.1 m2	935 SF			1		
TOTAL UNITS -EXISTING			6	25	26	21	

UNIT CALCULATIONS -NEW

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
1 BED AA	57.7 m2	699 SF		3	3	3	3	3
1 BED BB	52.8 m3	649 SF		1	1	1	1	1
1 BED CC	55.3 m2	672 SF		2		2		
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1 BED GG	48.2 m2	615 SF		1	1	1		
1 BED HH	57.1 m2	690 SF			2		2	
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1 BED & DEN BB	63.3 m2	756 SF	2					
1 BED & DEN CC	68.9 m2	854 SF	1					
1 BED & DEN DD	68.3 m2	843 SF	1					
1 BED & DEN EE	61 m2	745 SF			1		1	
2 BED AA	57.4 m2	708 SF	1					
2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
3 BED BB	93.5 m2	1107 SF	1					
TOTAL UNITS -NEW			8	12	12	12	12	12

1 BED LOFT	6	4%
STUDIO	16	11%
1 BED	82	0.56
1 B & DEN	23	0.16
2 BED	7	0.05
2 BED & DEN	6	0.04
TOTAL	146	

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

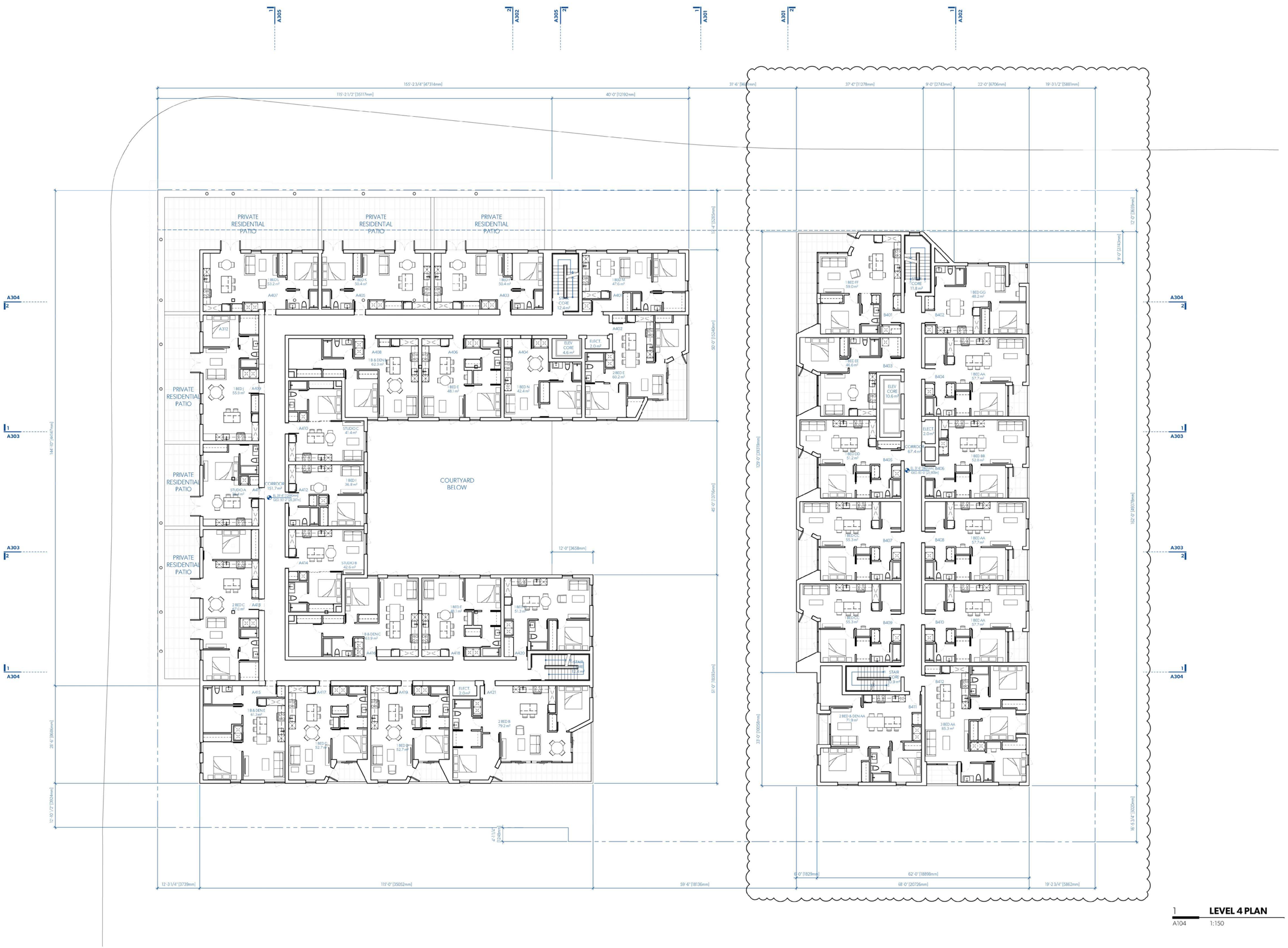
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DATE	REVISION	DESCRIPTION
2021-12-06	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
2020-12-22	F	REVISED FOR REZONING & DP
2020-10-16	E	REVISED FOR REZONING & DP
2019-10-31	D	REVISED FOR REZONING & DP
2019-09-27	C	REZONING & DP RESUBMISSION
2019-07-04	B	ISSUED FOR REZONING & DP
2018-09-25	A	ISSUED FOR REZONING & DP

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A103
LEVEL 3 PLAN



1 LEVEL 4 PLAN
A104 1:150

MGA

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UNIT CALCULATIONS EXISTING

UNIT NAME	FSR	BOMA	L1	L2	L3	L4
1 BED LOFT A	53.3 m2	657 SF	3			
1 BED LOFT B	65.7 m2	369 SF	2			
1 BED LOFT C	50.0 m2	653 SF	1			
STUDIO A	36.4 m2	475 SF				1
STUDIO B	42.6 m2	538 SF		1	1	1
STUDIO C	41.4 m2	508 SF			1	1
STUDIO D	46.9 m2	606 SF		3	3	
STUDIO E	44.6 m2	575 SF		1	1	
STUDIO F	47.9 m2	621 SF		1	1	
1 BED A	59.5 m2	800 SF		1	1	
1 BED B	48.1 m2	615 SF		1	1	
1 BED C	48.5 m2	644 SF		1	1	
1 BED D	52.7 m2	654 SF		2		2
1 BED E	49.1 m2	600 SF		2	2	2
1 BED F	48.4 m2	654 SF				1
1 BED G	50.3 m2	629 SF			1	
1 BED H	50.9 m2	638 SF			2	
1 BED I	36.8 m2	456 SF			1	1
1 BED J	55.9 m2	719 SF				1
1 BED K	52.1 m2	625 SF				1
1 BED L	55.9 m2	659 SF				1
1 BED M	47.6 m2	599 SF		1	1	1
1 BED N	42.4 m2	530 SF		1	1	1
1 BED O	50.3 m2	629 SF		1		
1 BED & DEN A	61.0 m2	783 SF		3	3	
1 BED & DEN B	62.3 m2	776 SF		1	1	1
1 BED & DEN C	63.9 m2	790 SF		1	1	1
1 BED & DEN D	65.1 m2	808 SF		1		
1 BED & DEN E	61.3 m2	751 SF		1	1	1
2 BED B	79.2 m2	1011 SF		1		1
2 BED C	67.0 m2	863 SF				1
2 BED D	59.7 m2	731 SF			1	
2 BED E	60.2 m2	736 SF		1		1
2 BED & DEN A	75.1 m2	935 SF			1	
TOTAL UNITS -EXISTING			6	25	26	21

UNIT CALCULATIONS -NEW

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
1 BED AA	57.7 m2	699 SF		3	3	3	3	3
1 BED BB	52.8 m3	649 SF		1	1	1	1	1
1 BED CC	55.3 m2	672 SF		2		2		
1 BED DD	51.2 m2	631 SF		1		1		
1 BED EE	46.6 m2	581 SF		1		1		
1 BED FF	59 m2	717 SF		1		1		
1 BED GG	48.2 m2	615 SF		1	1	1		
1 BED HH	57.1 m2	690 SF			2		2	
1 BED II	53 m2	649 SF			1		1	
1 BED JJ	48.3 m2	599 SF			1		1	
1 BED KK	40.8 m2	523 SF					1	1
1 BED LL	47.5 m2	582 SF						2
1 BED MM	43.4 m2	541 SF						1
1 BED NN	41.5 m2	521 SF						1
1 BED OO	43.7 m2	548 SF						1
1 BED PP	45.1 m2	485 SF	1					
1 BED & DEN AA	59.2 m2	724 SF	1					
1 BED & DEN BB	63.3 m2	756 SF	2					
1 BED & DEN CC	68.9 m2	854 SF	1					
1 BED & DEN DD	68.3 m2	843 SF	1					
1 BED & DEN EE	61 m2	745 SF			1			1
2 BED AA	57.4 m2	708 SF	1					
2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
3 BED BB	93.5 m2	1107 SF	1					
TOTAL UNITS -NEW			8	12	12	12	12	12

1 BED LOFT	6	4%
STUDIO	16	11%
1 BED	82	0.56
1 & DEN	23	0.16
2 BED	7	0.05
2 BED & DEN	6	0.04
TOTAL	146	

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

20°

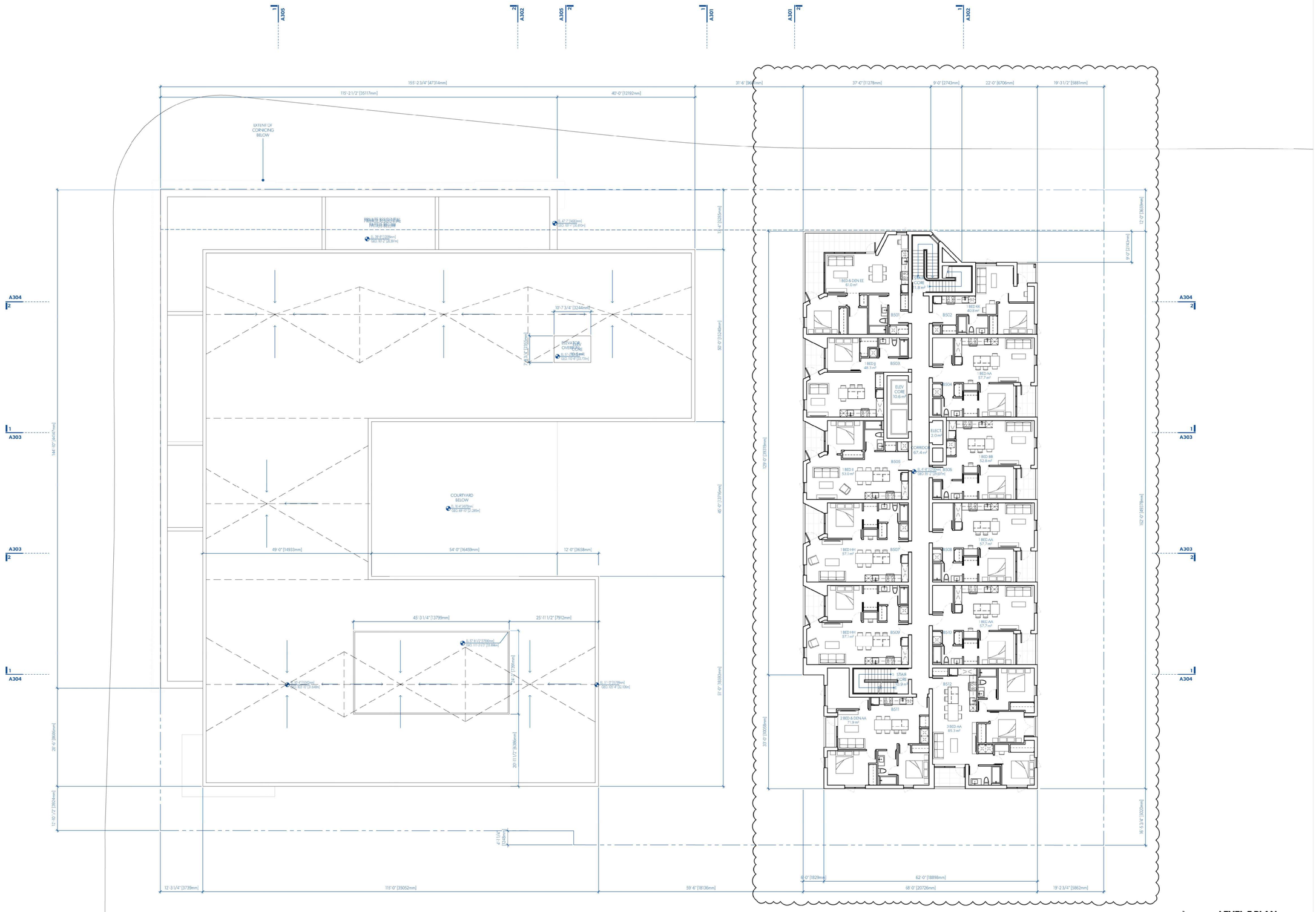
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2019-09-27	C	REZONING & DP RESUBMISSION
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DATE REVISION DESCRIPTION

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A104
LEVEL 4 PLAN



1 A105 **LEVEL 5 PLAN**
1:150

MGA

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UNIT CALCULATIONS EXISTING

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	
1 BED LOFT A	53.3 m2	657 SF	3				
1 BED LOFT B	45.7 m2	369 SF	2				
1 BED LOFT C	50.0 m2	653 SF	1				
STUDIO A	36.4 m2	475 SF				1	
STUDIO B	42.6 m2	538 SF		1	1	1	
STUDIO C	41.4 m2	508 SF			1	1	
STUDIO D	46.9 m2	606 SF		3	3		
STUDIO E	44.6 m2	575 SF		1	1		
STUDIO F	47.9 m2	621 SF		1	1		
1 BED A	59.5 m2	800 SF		1	1		
1 BED B	48.1 m2	615 SF		1	1		
1 BED C	48.5 m2	644 SF		1	1		
1 BED D	52.7 m2	654 SF		2		2	
1 BED E	49.1 m2	600 SF		2	2	2	
1 BED F	48.4 m2	654 SF				1	
1 BED G	50.3 m2	629 SF			1	1	
1 BED H	50.9 m2	638 SF			2		
1 BED I	36.8 m2	456 SF			1	1	
1 BED J	55.9 m2	719 SF				1	
1 BED K	52.1 m2	625 SF				1	
1 BED L	55.9 m2	659 SF				1	
1 BED M	47.6 m2	599 SF		1	1	1	
1 BED N	42.4 m2	530 SF		1	1		
1 BED O	50.3 m2	629 SF		1			
1 BED & DEN A	61.0 m2	783 SF		3	3		
1 BED & DEN B	62.3 m2	776 SF		1	1	1	
1 BED & DEN C	63.9 m2	790 SF		1	1	1	
1 BED & DEN D	65.1 m2	808 SF		1			
1 BED & DEN E	61.3 m2	751 SF		1	1	1	
2 BED B	79.2 m2	1011 SF		1		1	
2 BED C	67.0 m2	863 SF				1	
2 BED D	59.7 m2	731 SF			1		
2 BED E	60.2 m2	736 SF		1		1	
2 BED & DEN A	75.1 m2	935 SF			1		
TOTAL UNITS -EXISTING			6	25	26	21	

UNIT CALCULATIONS -NEW

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
1 BED AA	57.7 m2	699 SF		3	3	3	3	3
1 BED BB	52.8 m3	649 SF		1	1	1	1	1
1 BED CC	55.3 m2	672 SF		2		2		
1 BED DD	51.2 m2	631 SF		1		1		
1 BED EE	46.6 m2	581 SF		1		1		
1 BED FF	59 m2	717 SF		1		1		
1 BED GG	48.2 m2	615 SF		1	1	1		
1 BED HH	57.1 m2	690 SF			2		2	
1 BED II	53 m2	649 SF			1		1	
1 BED J	48.3 m2	599 SF			1		1	
1 BED KK	40.8 m2	523 SF					1	1
1 BED LL	47.5 m2	582 SF						2
1 BED MM	43.4 m2	541 SF						1
1 BED NN	41.5 m2	521 SF						1
1 BED OO	43.7 m2	548 SF						1
1 BED PP	45.1 m2	485 SF	1					
1 BED & DEN AA	59.2 m2	724 SF	1					
1 BED & DEN BB	63.3 m2	756 SF	2					
1 BED & DEN CC	68.9 m2	854 SF	1					
1 BED & DEN DD	68.3 m2	843 SF	1					
1 BED & DEN EE	61 m2	745 SF				1		1
2 BED AA	57.4 m2	708 SF	1					
2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
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TOTAL UNITS -NEW			8	12	12	12	12	12

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STUDIO	16	11%
1 BED	82	0.56
1 B & DEN	23	0.16
2 BED	7	0.05
2 BED & DEN	6	0.04
TOTAL	146	

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

20°

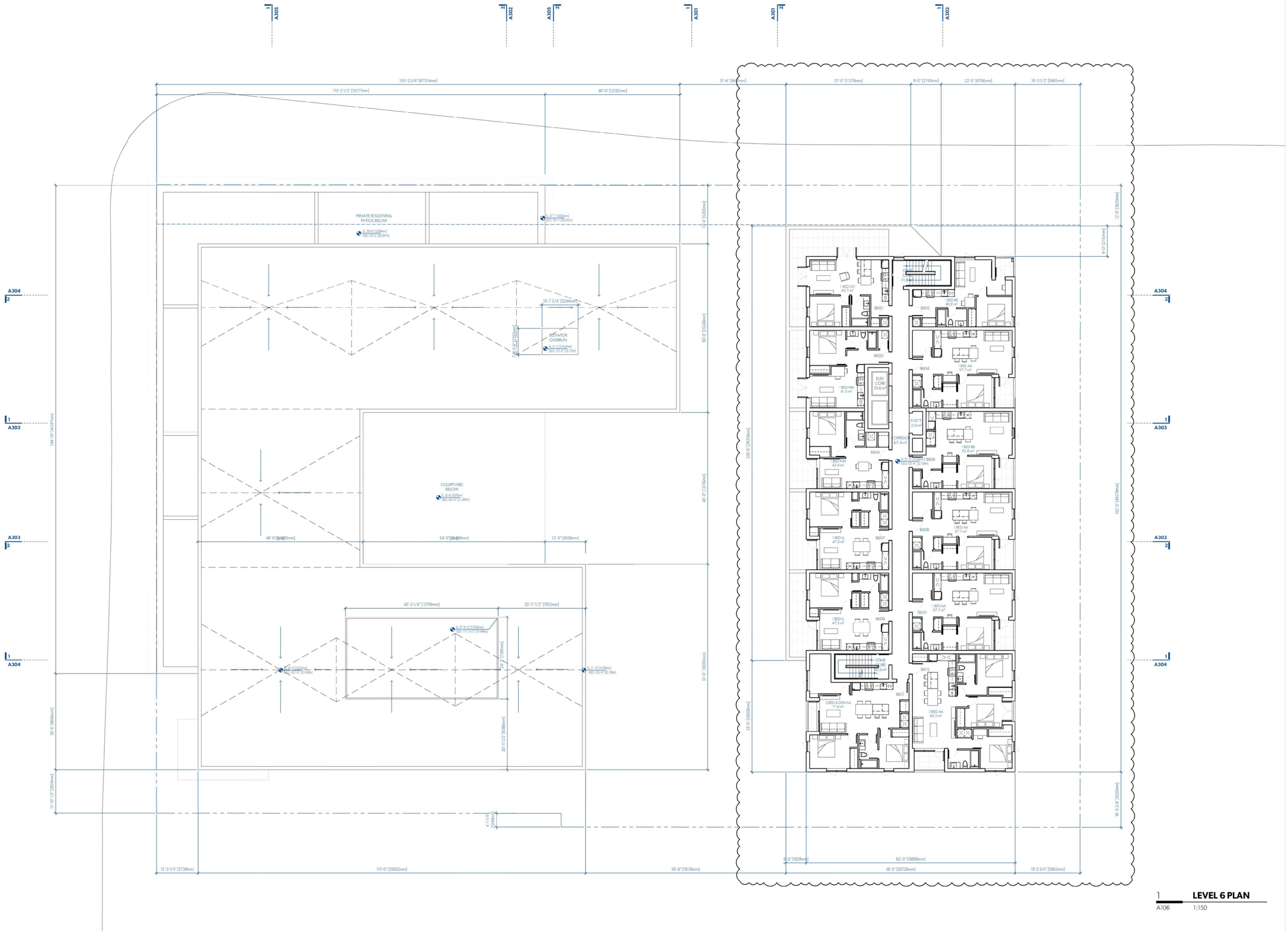
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DATE REVISION DESCRIPTION

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A105
LEVEL 5 PLAN



1 LEVEL 6 PLAN
A106 1:150

MGA

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UNIT CALCULATIONS EXISTING

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	
1 BED LOFT A	53.3 m2	657 SF	3				
1 BED LOFT B	45.7 m2	369 SF	2				
1 BED LOFT C	50.0 m2	653 SF	1				
STUDIO A	36.4 m2	475 SF				1	
STUDIO B	42.6 m2	538 SF		1	1	1	
STUDIO C	41.4 m2	508 SF			1	1	
STUDIO D	46.9 m2	606 SF		3	3		
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STUDIO F	47.9 m2	621 SF		1	1		
1 BED A	59.5 m2	800 SF		1	1		
1 BED B	48.1 m2	615 SF		1	1		
1 BED C	48.5 m2	644 SF		1	1		
1 BED D	52.7 m2	654 SF		2		2	
1 BED E	49.1 m2	600 SF		2	2	2	
1 BED F	48.4 m2	654 SF				1	
1 BED G	50.3 m2	629 SF			1	1	
1 BED H	50.9 m2	638 SF			2		
1 BED I	36.8 m2	456 SF			1	1	
1 BED J	55.9 m2	719 SF				1	
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1 BED N	42.4 m2	530 SF		1	1	1	
1 BED O	50.3 m2	629 SF		1			
1 BED & DEN A	61.0 m2	783 SF		3	3		
1 BED & DEN B	62.3 m2	776 SF		1	1	1	
1 BED & DEN C	63.9 m2	790 SF		1	1	1	
1 BED & DEN D	65.1 m2	808 SF		1			
1 BED & DEN E	61.3 m2	751 SF		1	1	1	
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2 BED C	67.0 m2	863 SF				1	
2 BED D	59.7 m2	731 SF			1		
2 BED E	60.2 m2	736 SF		1		1	
2 BED & DEN A	75.1 m2	935 SF			1		
TOTAL UNITS -EXISTING			6	25	26	21	

UNIT CALCULATIONS -NEW

UNIT NAME	FSR	BOMA	L1	L2	L3	L4	L5	L6
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1 BED BB	52.8 m3	649 SF		1	1	1	1	1
1 BED CC	55.3 m2	672 SF		2		2		
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1 BED GG	48.2 m2	615 SF		1	1	1		
1 BED HH	57.1 m2	690 SF			2		2	
1 BED II	53 m2	649 SF			1		1	
1 BED JJ	48.3 m2	599 SF			1		1	
1 BED KK	40.8 m2	523 SF					1	1
1 BED LL	47.5 m2	582 SF						2
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1 BED & DEN BB	63.3 m2	756 SF	2					
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1 BED & DEN DD	68.3 m2	843 SF	1					
1 BED & DEN EE	61 m2	745 SF				1		1
2 BED AA	57.4 m2	708 SF	1					
2 BED & DEN AA	71.9 m2	891 SF		1	1	1	1	1
3 BED AA	85.3 m2	1025 SF		1	1	1	1	1
3 BED BB	93.5 m2	1107. SF	1					
TOTAL UNITS -NEW			8	12	12	12	12	12

1 BED LOFT	6	4%
STUDIO	16	11%
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1 B & DEN	23	0.16
2 BED	7	0.05
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TOTAL	146	

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

20°

2021-12-06	H	REZONING & DP RESUBMISSION
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DATE REVISION DESCRIPTION

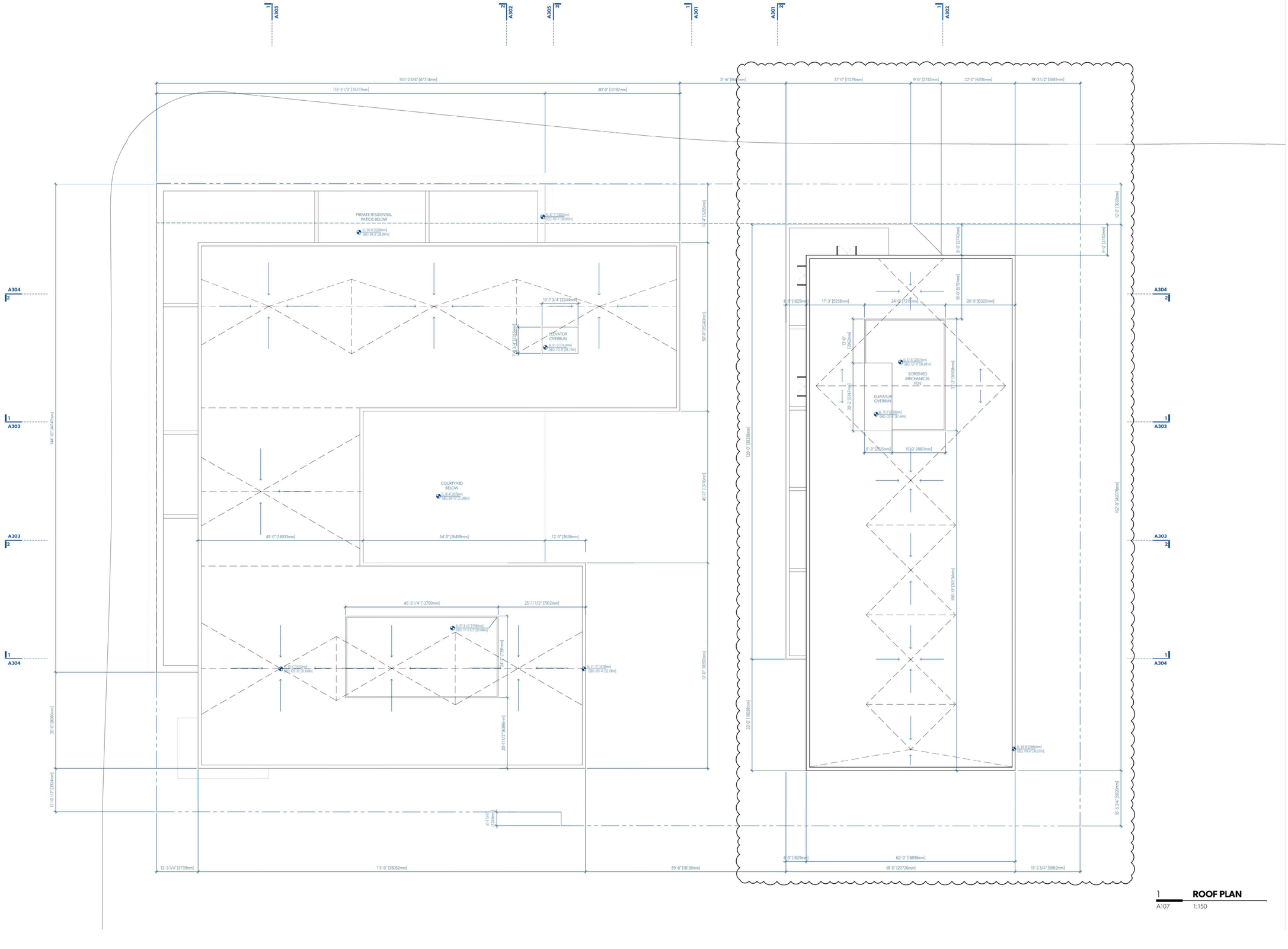
THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A106
LEVEL 6 PLAN

MGA

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1 ROOF PLAN
A107 1:150

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

20°

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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A107
ROOF PLAN



1 **NORTH ELEVATION**
A201 1:150



2 **WEST ELEVATION**
A201 1:150

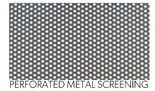
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MATERIALITY


DARK GREY METAL 1" WIDE PANEL (FADED IF SHOWN IN DISTANCE)


SURF WHITE METAL PANEL IN 3", 6" AND 1' WIDE. CUSTOM TRIANGULATED PROFILE.


LIGHT COLOURED BRICK FACADE. EXISTING OR TO MATCH EXISTING.


PERFORATED METAL SCREENING


EXISTING STONE/PLASTER. ORNAMENTAL DETAILING.

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
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VICTORIA, BC
2017-016

A201
ELEVATIONS



1 **SOUTH ELEVATION**
A202 1:150

2 **EAST ELEVATION**
A202 1:150

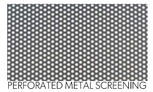
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MATERIALITY


DARK GREY METAL 1" WIDE PANEL (FADED IF SHOWN IN DISTANCE)


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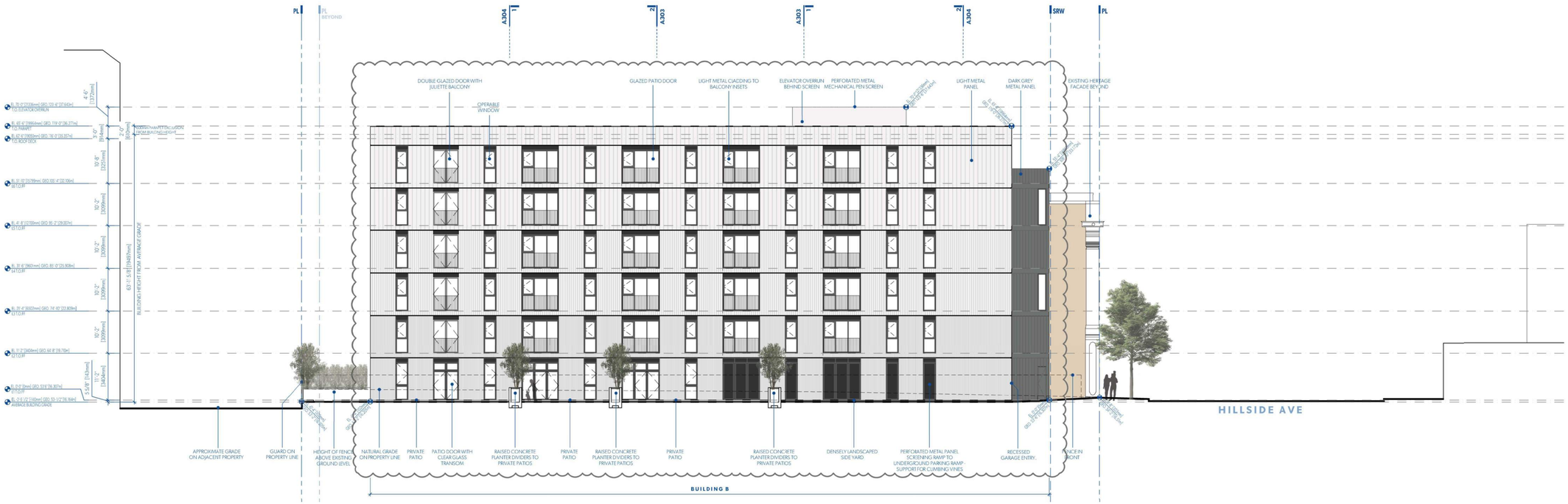
THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A202
ELEVATIONS



1 **SOUTH ELEVATION INSIDE PROPERTY LINE**
A203 1:150

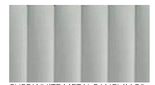


2 **EAST ELEVATION INSIDE PROPERTY LINE**
A203 1:150

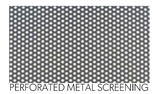
MGA
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MATERIALITY


DARK GREY METAL 1" WIDE PANEL (FADED IF SHOWN IN DISTANCE)


SURF WHITE METAL PANEL IN 3", 6" AND 1' WIDE. CUSTOM TRIANGULATED PROFILE.


LIGHT COLOURED BRICK FACADE. EXISTING OR TO MATCH EXISTING.


PERFORATED METAL SCREENING


EXISTING STONE/PLASTER. ORNAMENTAL DETAILING.

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

DATE	REVISION	DESCRIPTION
2021-12-06	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
2020-12-22	F	REVISED FOR REZONING & DP
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2019-10-31	D	REVISED FOR REZONING & DP
2019-09-27	C	REZONING & DP RESUBMISSION
2019-07-04	B	ISSUED FOR REZONING & DP
2018-09-25	A	ISSUED FOR REZONING & DP

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A203
ELEVATIONS



1 **HILLSIDE AVENUE STREETSCAPE**
A251 NTS



2 **DOUGLAS STREET STREETSCAPE**
A251 NTS

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

20°

DATE	REVISION	DESCRIPTION
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A251
STREETSCAPE ELEVATIONS

© MGA | 2016



1 **SECTION LOOKING WEST THROUGH PLAZA**

A301 1:150



2 **SECTION LOOKING EAST THROUGH PLAZA**

A301 1:150

MGA

© MGA | 2016

MATERIALITY



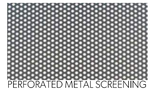
DARK GREY METAL 1" WIDE PANEL (FADED IF SHOWN IN DISTANCE)



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LIGHT COLOURED BRICK FACADE. EXISTING OR TO MATCH EXISTING.



PERFORATED METAL SCREENING



EXISTING STONE/PLASTER. ORNAMENTAL DETAILING.

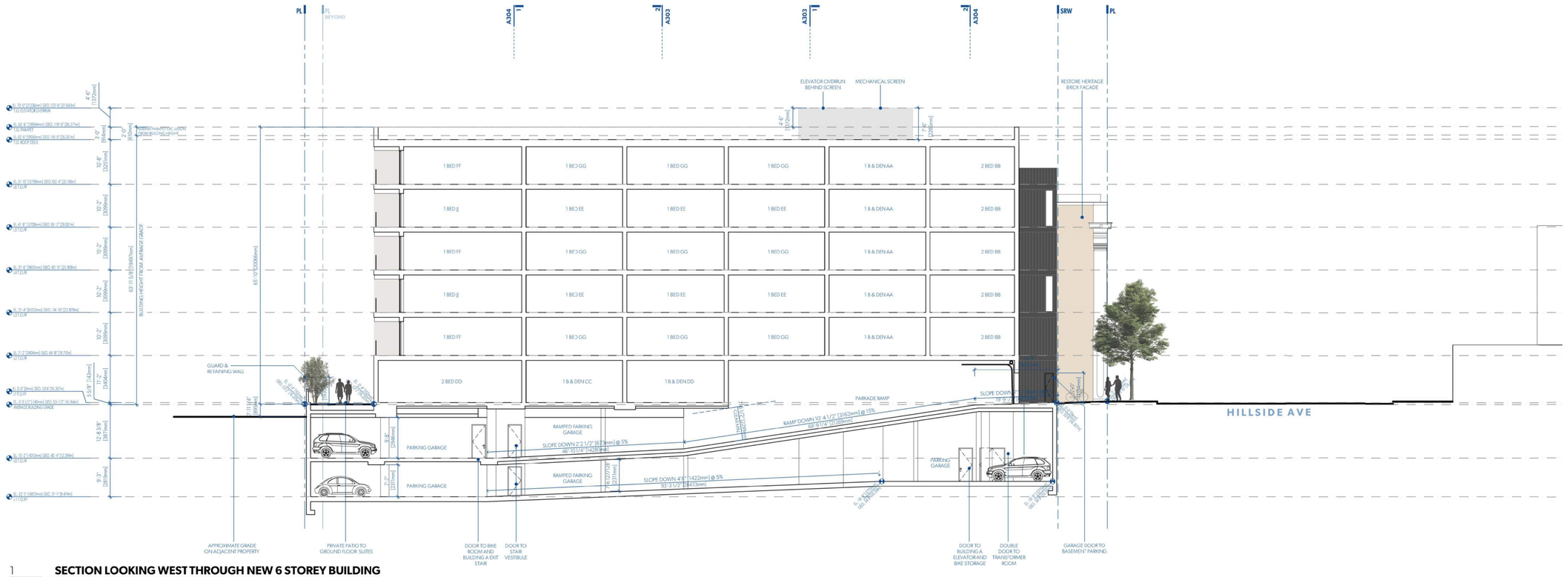
MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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THE SCOTT BUILDING

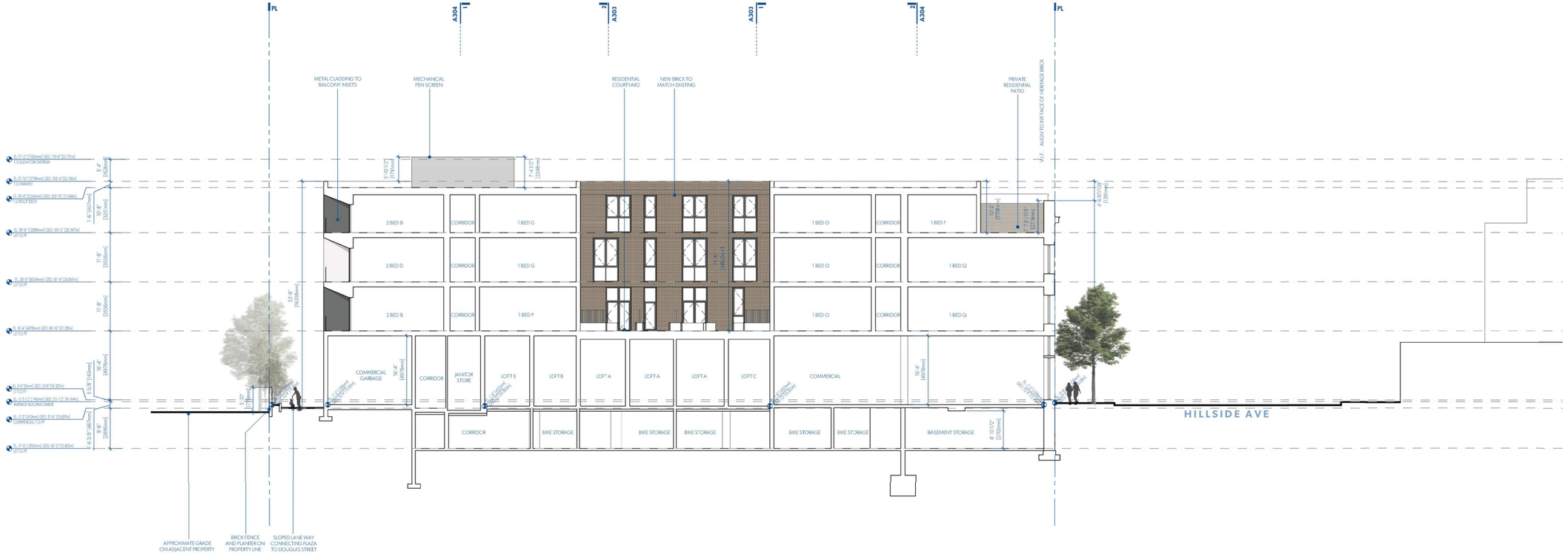
2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A301
SECTIONS



1 **SECTION LOOKING WEST THROUGH NEW 6 STOREY BUILDING**

A302 1:150



2 **SECTION LOOKING WEST THROUGH EXISTING SCOTT BUILDING AT NEW COURTYARD CUT IN BUILDING**

A302 1:150

MGA

© MGA | 2016

MATERIALITY



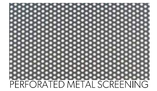
DARK GREY METAL 1" WIDE PANEL (FADED IF SHOWN IN DISTANCE)



SURF WHITE METAL PANEL IN 3", 6" AND 1' WIDE. CUSTOM TRIANGULATED PROFILE.



LIGHT COLOURED BRICK FACADE. EXISTING OR TO MATCH EXISTING.



PERFORATED METAL SCREENING



EXISTING STONE/PLASTER. ORNAMENTAL DETAILING.

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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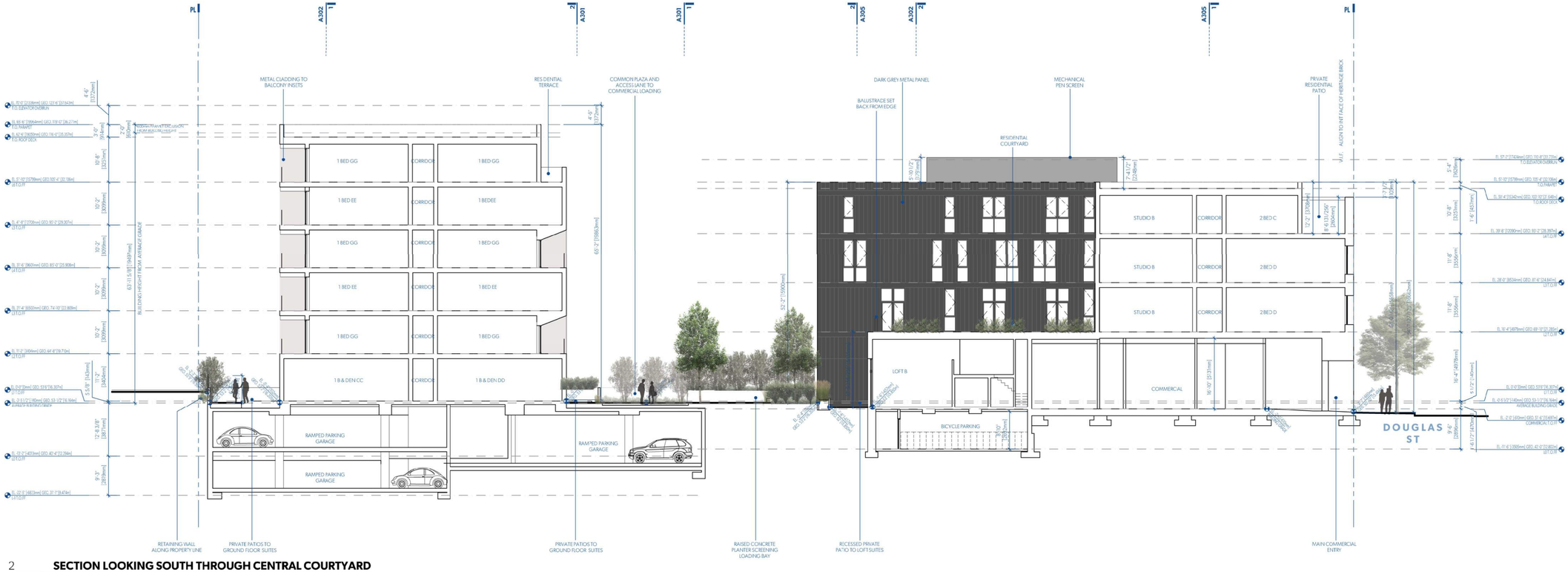
THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A302
SECTIONS



1 **SECTION LOOKING NORTH THROUGH CENTRAL COURTYARD**
A303 1:150



2 **SECTION LOOKING SOUTH THROUGH CENTRAL COURTYARD**
A303 1:150

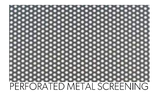
MGA
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MATERIALITY


DARK GREY METAL 1" WIDE PANEL (FADED IF SHOWN IN DISTANCE)


SURF WHITE METAL PANEL IN 3", 6" AND 1' WIDE. CUSTOM TRIANGULATED PROFILE.


LIGHT COLOURED BRICK FACADE. EXISTING OR TO MATCH EXISTING.


PERFORATED METAL SCREENING


EXISTING STONE/PLASTER. ORNAMENTAL DETAILING.

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

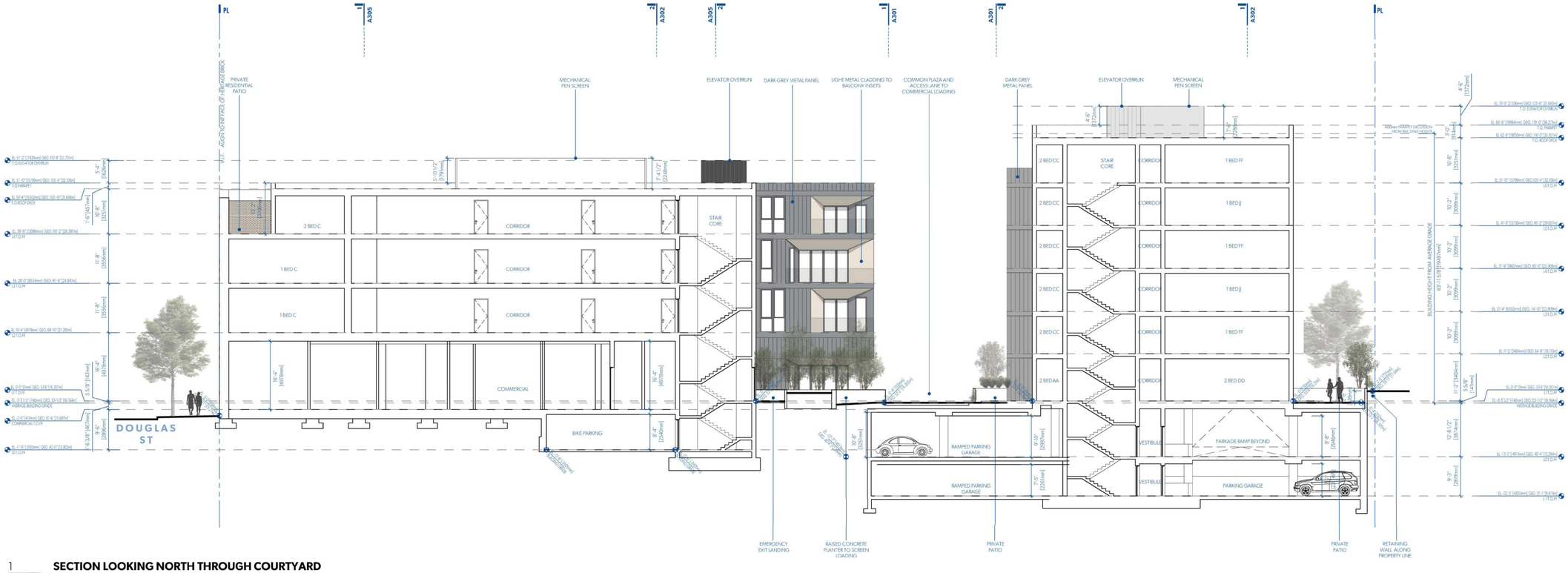
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DATE REVISION DESCRIPTION

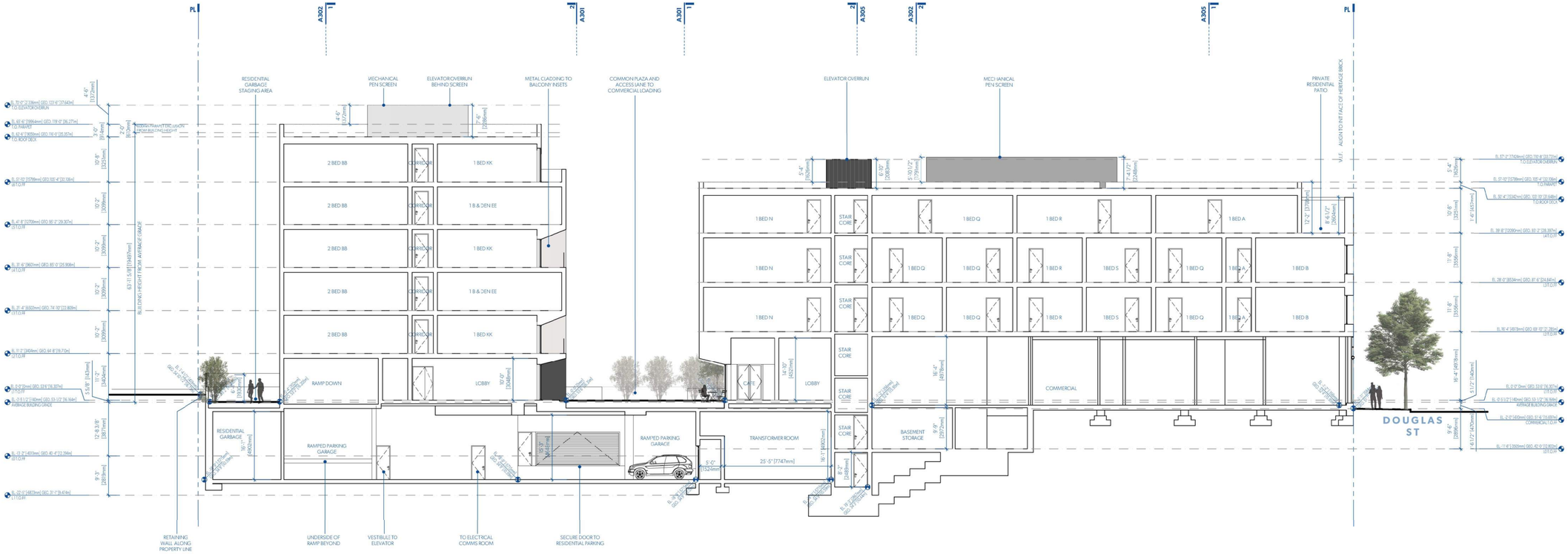
THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A303
SECTIONS



1 **SECTION LOOKING NORTH THROUGH COURTYARD**
A304 1:150



2 **SECTION LOOKING SOUTH THROUGH CORRIDOR**
A304 1:150

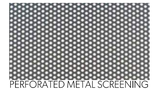
MGA
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MATERIALITY


DARK GREY METAL 1" WIDE PANEL (FADED IF SHOWN IN DISTANCE)


SURF WHITE METAL PANEL IN 3", 6" AND 1' WIDE. CUSTOM TRIANGULATED PROFILE.


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PERFORATED METAL SCREENING


EXISTING STONE/PLASTER. ORNAMENTAL DETAILING.

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

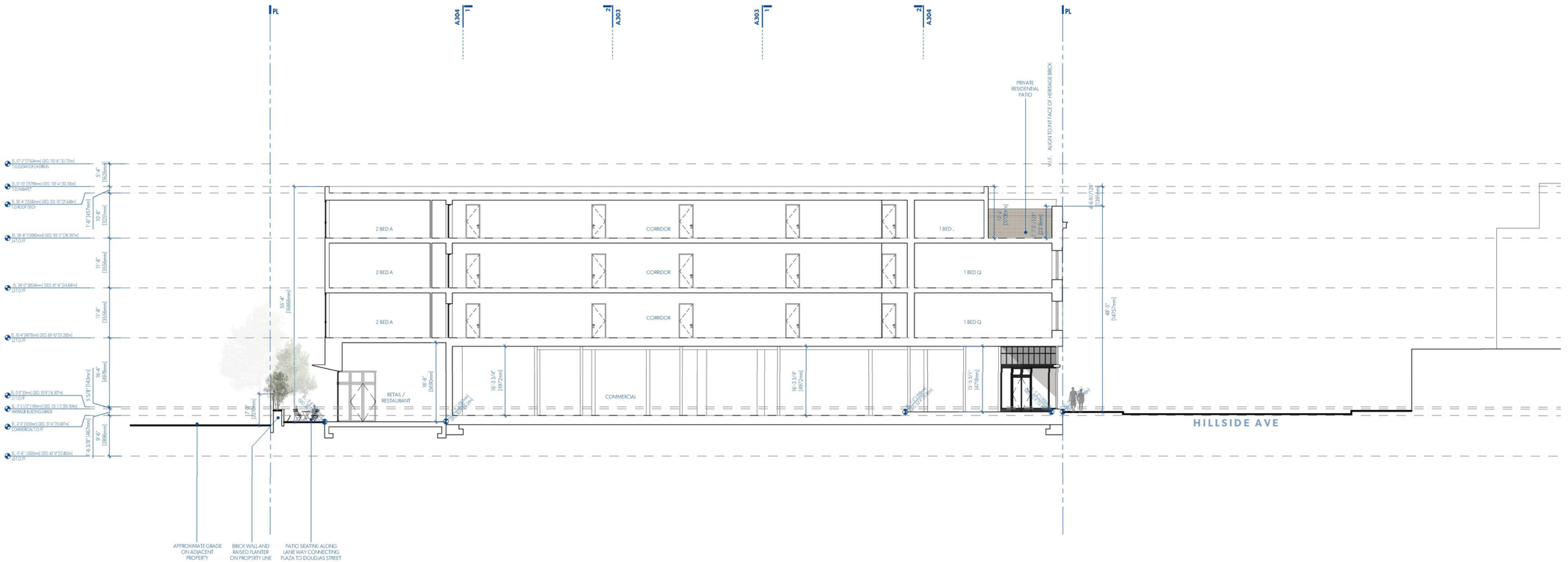
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DATE REVISION DESCRIPTION

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A304
SECTIONS



1 **SECTION LOOKING WEST ALONG CORRIDOR IN EXISITNG**
A501 1:150



1 **SECTION LOOKING EAST THROUGH EXTENSION TO EXISTING BUILDING**
A502 1:150

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MATERIALITY



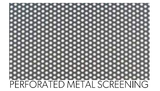
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PERFORATED METAL SCREENING



EXISTING STONE/PLASTER. ORNAMENTAL DETAILING.

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

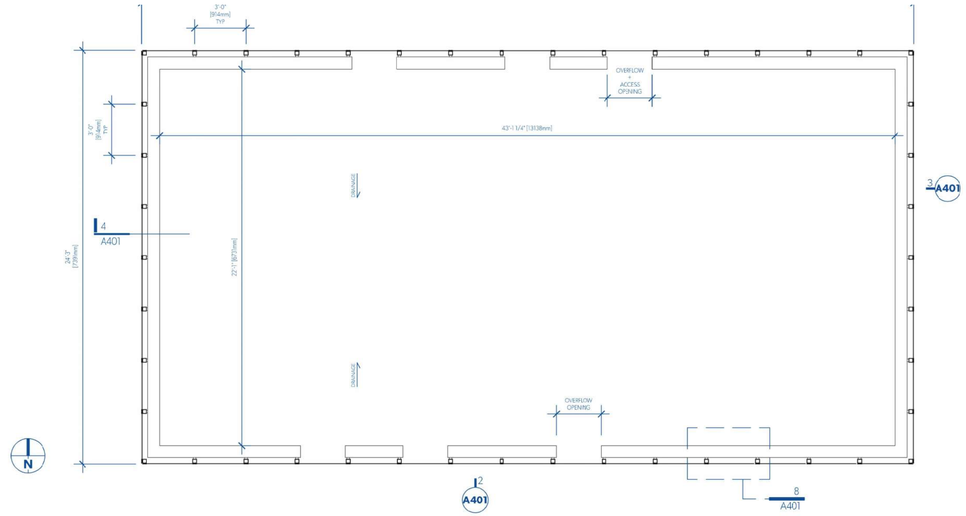
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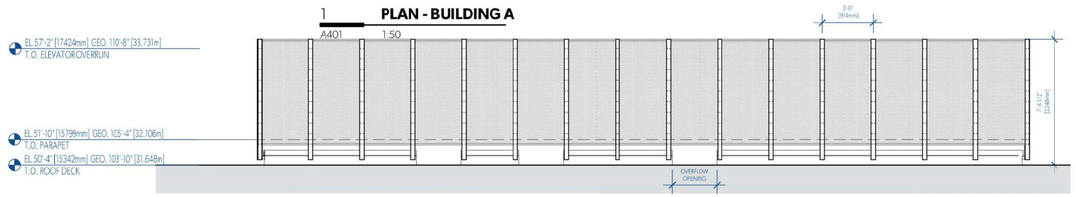
THE SCOTT BUILDING

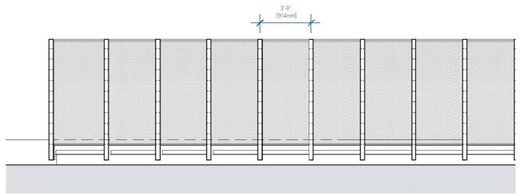
2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A305
SECTIONS

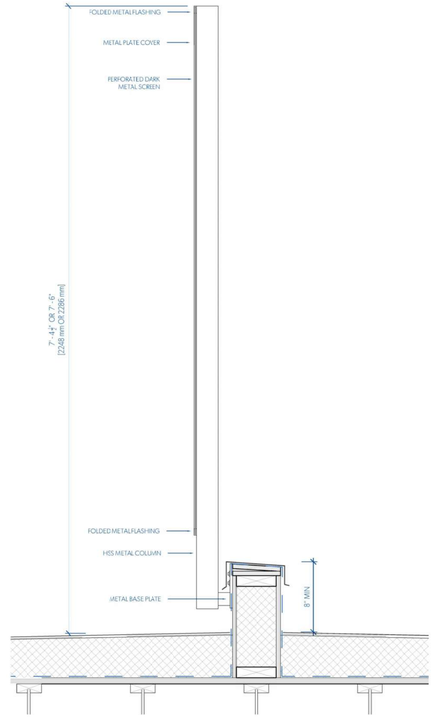


1 **PLAN - BUILDING A**
A401 1:50

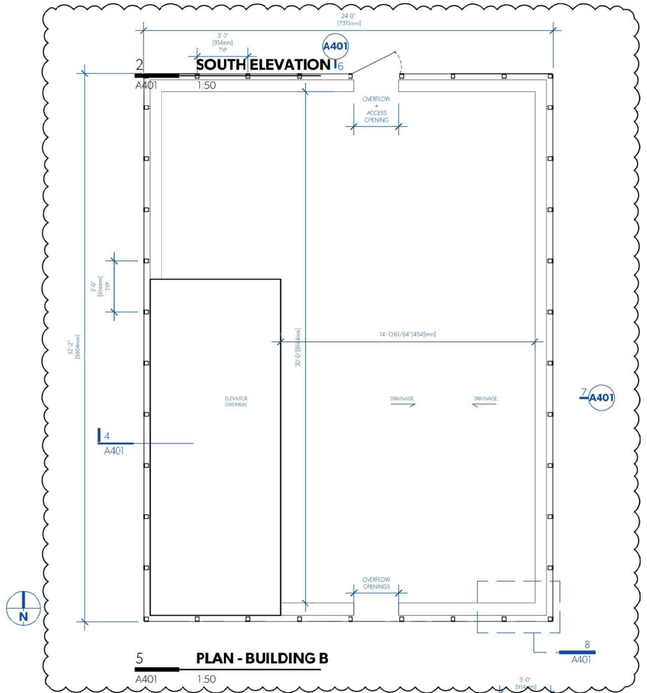




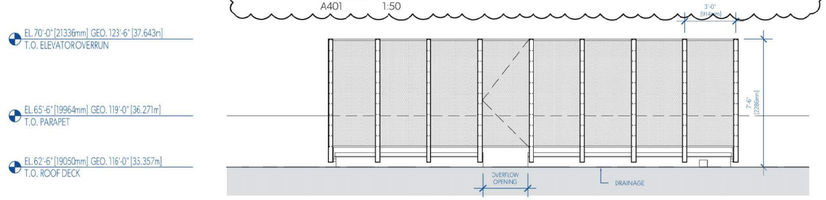
3 **EAST ELEVATION**
A401 1:50



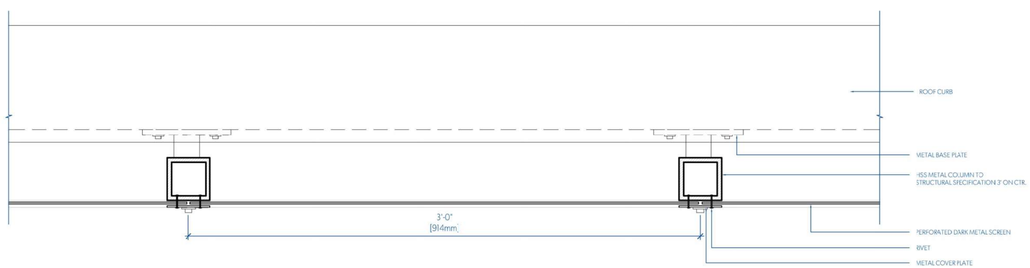
4 **MECHANICAL SCREEN SECTION**
A401 1:10



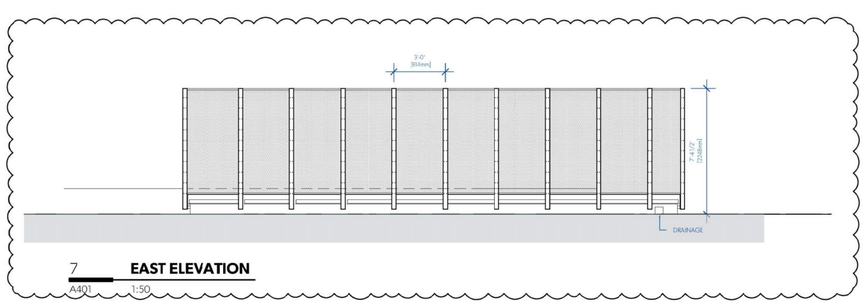
5 **PLAN - BUILDING B**
A401 1:50



6 **NORTH ELEVATION**
A401 1:50



8 **PLAN DETAIL**
A401 1:5



7 **EAST ELEVATION**
A401 1:50

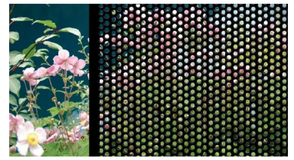
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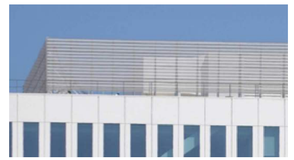
PRECEDENTS



ROOF MECHANICAL SCREENING
(PERFORATED METAL)



PERFORATED DARK METAL FENCE



ROOF MECHANICAL SCREENING
(PERFORATED METAL)

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

20°

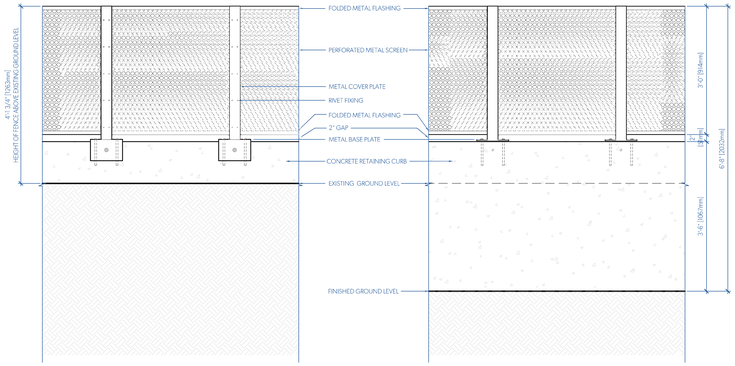
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DATE REVISION DESCRIPTION

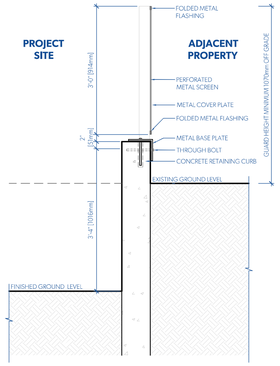
THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A401
MECHANICAL SCREEN
DETAIL

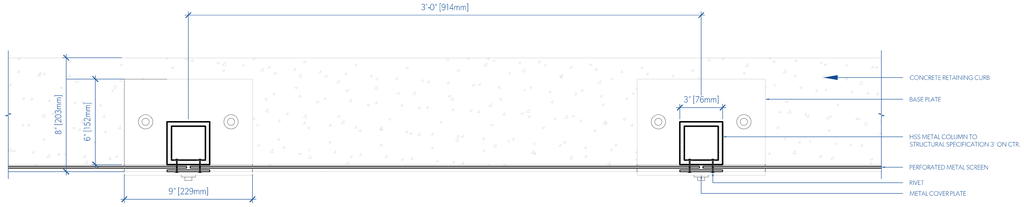


1 **EAST FENCE ELEV - ADJACENT PROP**
A011 1:20

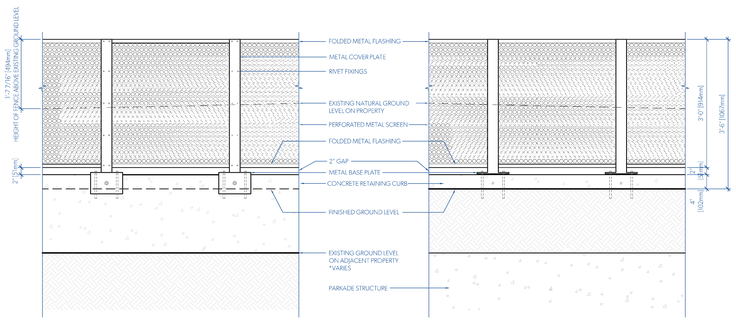


2 **EAST FENCE ELEV - PROJECT SITE**
A011 1:20

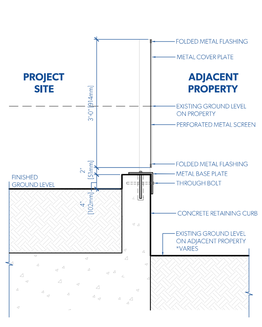
3 **EAST FENCE SECTION**
A011 1:20



4 **PLAN DETAIL (TYPICAL)**
A011 1:5



5 **SOUTH FENCE ELEV - ADJACENT PROP**
A011 1:20



6 **SOUTH FENCE ELEV - PROJECT SITE**
A011 1:20

7 **SOUTH FENCE SECTION**
A011 1:20

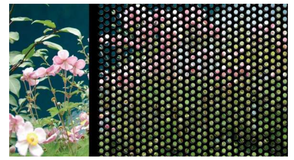
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PRECEDENTS



ROOF MECHANICAL SCREENING
(PERFORATED METAL)



PERFORATED DARK METAL FENCE



ROOF MECHANICAL SCREENING
(PERFORATED METAL)

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

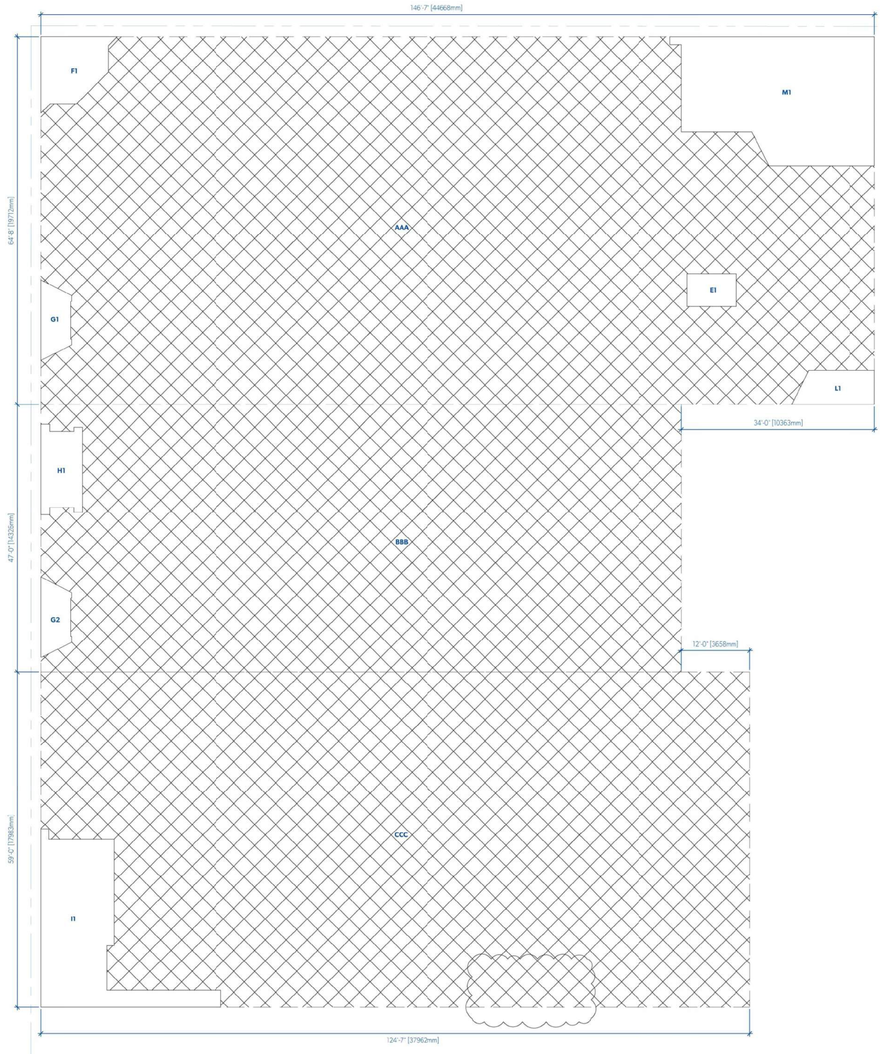
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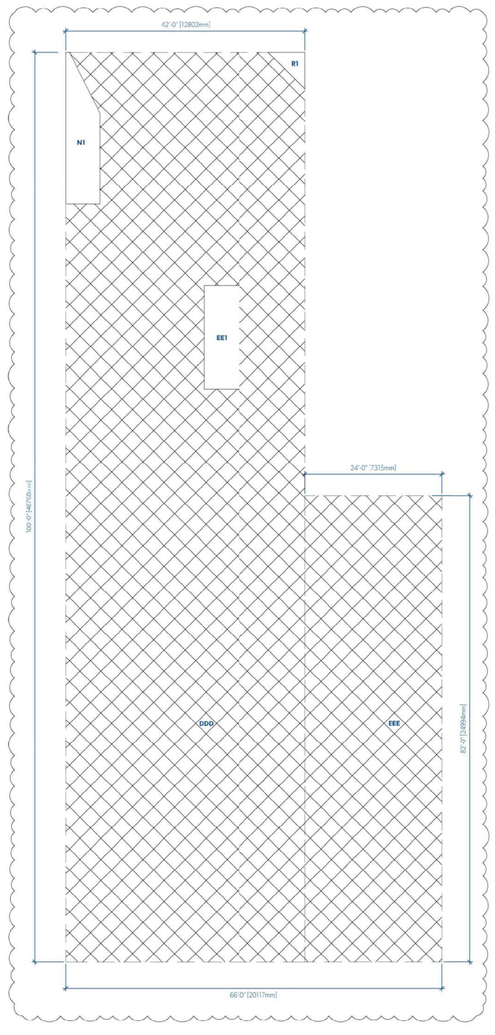
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A402
FENCE DETAIL





THE SCOTT BUILDING - LEVEL 1

METRIC (M2)

	LENGTH		WIDTH		AREA		QTY		TOTAL
GROSS AREA									
AAA	44.67	x	19.71	=	880.41 m2	x	1	=	880.41 m2
BBB	34.30	x	14.33	=	491.44 m2	x	1	=	491.44 m2
CCC	37.96	x	17.98	=	682.67 m2	x	1	=	682.67 m2
DDD	12.80	x	48.77	=	624.33 m2	x	1	=	624.33 m2
EEE	7.32	x	24.99	=	182.83 m2	x	1	=	182.83 m2
TOTAL GROSS AREA									**2861.68 m2**
AREA DEDUCTIONS									
F	(SEE F CALCULATIONS)			=	13.39 m2	x	1.0	=	13.39 m2
G	(SEE G CALCULATIONS)			=	5.59 m2	x	2.0	=	11.18 m2
H	(SEE H CALCULATIONS)			=	9.63 m2	x	1.0	=	9.63 m2
I	(SEE I CALCULATIONS)			=	41.85 m2	x	1.0	=	41.85 m2
L	(SEE L CALCULATIONS)			=	7.31 m2	x	1.0	=	7.31 m2
M	(SEE M CALCULATIONS)			=	64.05 m2	x	1.0	=	64.05 m2
N	(SEE N CALCULATIONS)			=	12.34 m2	x	1.0	=	12.34 m2
R	(SEE N CALCULATIONS)			=	1.91 m2	x	1.0	=	1.91 m2
E	2.64	x	1.75	=	4.62 m2	x	1.0	=	4.62 m2
EE	1.91	x	5.54	=	10.58 m2	x	1.0	=	10.58 m2
TOTAL DEDUCTIONS									**176.85 m2**
TOTAL GROSS AREA									2861.68 m2
TOTAL DEDUCTIONS									- 176.85 m2
TOTAL NET AREA									**2684.83 m2**

F CALCULATIONS

GROSS AREA									
Fa	3.60	x	1.88	=	6.78 m2	x	1.0	=	6.78 m2
Fb	1.90	x	1.71	=	3.24 m2	x	1.0	=	3.24 m2
Fc	0.47	x	0.47	=	0.22 m2	x	1.0	=	0.22 m2
Fd	1.71	x	1.71	=	2.91 m2	x	1.0	=	2.91 m2
Fe	0.49	x	0.49	=	0.24 m3	x	1.0	=	0.24 m3
TOTAL NET AREA									**13.390 m2**

G CALCULATIONS

GROSS AREA									
Ga	1.59	x	2.03	=	3.22 m2	x	1.0	=	3.22 m2
Gb	1.64	x	0.32	=	0.52 m2	x	2.0	=	1.03 m2
Gc	1.64	x	0.81	=	1.33 m2	x	1.0	=	1.33 m2
TOTAL NET AREA									**5.588 m2**

H CALCULATIONS

GROSS AREA									
Ha	0.47	x	4.87	=	2.28 m2	x	1.0	=	2.28 m2
Hb	1.30	x	4.08	=	5.29 m2	x	1.0	=	5.29 m2
Hc	0.45	x	4.56	=	2.06 m2	x	1.0	=	2.06 m2
TOTAL NET AREA									**9.627 m2**

I CALCULATIONS

GROSS AREA									
Ia	8.99	x	3.52	=	31.65 m2	x	1.0	=	31.65 m2
Ib	0.41	x	0.55	=	0.22 m2	x	1.0	=	0.22 m2
Ic	6.10	x	0.91	=	5.55 m2	x	1.0	=	5.55 m2
Id	0.39	x	5.68	=	2.22 m3	x	2.0	=	4.43 m3
TOTAL NET AREA									**41.853 m2**

J CALCULATIONS

GROSS AREA									
Ja	4.03	x	1.83	=	7.38 m2	x	1.0	=	7.38 m2
Jb	0.91	x	1.83	=	1.67 m2	x	1.0	=	1.67 m2
TOTAL NET AREA									**9.050 m2**

L CALCULATIONS

GROSS AREA									
La	0.91	x	1.83	=	1.67 m2	x	0.5	=	0.83 m2
Lb	3.54	x	1.83	=	6.48 m2	x	1.0	=	6.48 m2
TOTAL NET AREA									**7.311 m2**

M CALCULATIONS

GROSS AREA									
Ma	10.97	x	0.41	=	4.47 m2	x	1.0	=	4.47 m2
Mb	10.36	x	4.68	=	48.45 m2	x	1.0	=	48.45 m2
Mc	0.91	x	1.83	=	1.67 m2	x	0.5	=	0.84 m2
Md	5.63	x	1.83	=	10.30 m2	x	1.0	=	10.30 m2
TOTAL NET AREA									**64.048 m2**

N CALCULATIONS

GROSS AREA									
Na	3.28	x	1.64	=	5.38 m2	x	0.5	=	2.69 m2
Nb	4.95	x	1.64	=	8.12 m2	x	1.0	=	8.12 m2
Nc	8.13	x	0.19	=	1.53 m2	x	1.0	=	1.53 m2
TOTAL NET AREA									**12.336 m2**

R CALCULATIONS

GROSS AREA									
R	1.95	x	1.96	=	3.81 m2	x	0.5	=	1.91 m2
TOTAL NET AREA									**1.905 m2**

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FLOOR AREA

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CANADA V6J 1J8

20°

2021-12-03	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
2020-12-22	F	REVISED FOR REZONING & DP
2020-10-16	E	REVISED FOR REZONING & DP
2019-10-31	D	REVISED FOR REZONING & DP
2019-09-27	C	REZONING & DP RESUBMISSION
2019-07-04	B	ISSUED FOR REZONING & DP
2018-09-25	A	ISSUED FOR REZONING & DP

DATE REVISION DESCRIPTION

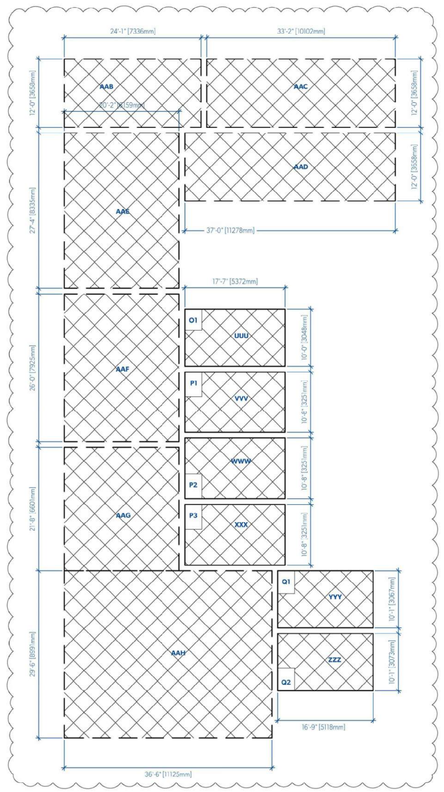
THE SCOTT BUILDING

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VICTORIA, BC
2017-016

A801a
FSR LEVEL 1a

THE SCOTT BUILDING - LEVEL 1B

	METRIC (M2)								
	LENGTH		WIDTH		AREA		QTY		TOTAL
GROSS AREA									
UUU	5.37	x	3.05	=	16.37 m2	x	1	=	16.37 m2
VVV	5.37	x	3.25	=	17.46 m2	x	1	=	17.46 m2
WWW	5.37	x	3.25	=	17.46 m2	x	1	=	17.46 m2
XXX	5.37	x	3.25	=	17.46 m2	x	1	=	17.46 m2
YYY	5.12	x	3.07	=	15.70 m2	x	1	=	15.70 m2
ZZZ	5.12	x	3.07	=	15.73 m2	x	1	=	15.73 m2
AAB	4.37	x	22.56	=	98.54 m2	x	1	=	98.54 m2
AAC	10.10	x	4.37	=	44.14 m2	x	1	=	44.14 m2
AAD	11.28	x	3.66	=	41.25 m2	x	1	=	41.25 m2
AAE	8.34	x	8.22	=	68.49 m2	x	1	=	68.49 m2
AAF	7.93	x	8.22	=	65.12 m2	x	1	=	65.12 m2
AAG	6.60	x	6.16	=	40.66 m2	x	1	=	40.66 m2
AAH	8.99	x	11.13	=	100.02 m2	x	1	=	100.02 m2
TOTAL GROSS AREA									**558.41 m2**
AREA DEDUCTIONS									
O	0.91	x	1.12	=	1.02 m2	x	1.0	=	1.02 m2
P	0.91	x	1.32	=	1.21 m2	x	3.0	=	3.62 m2
Q	0.91	x	1.23	=	1.13 m2	x	2.0	=	2.25 m2
TOTAL DEDUCTIONS									**6.90 m2**
TOTAL GROSS AREA									558.41 m2
TOTAL DEDUCTIONS									- 6.90 m2
TOTAL NET AREA									**551.52 m2**



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FLOOR AREA

PERIMETER

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1535 WEST 3RD AVENUE
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2021-12-03	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
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2020-10-16	E	REVISED FOR REZONING & DP
2019-10-31	D	REVISED FOR REZONING & DP
2019-09-27	C	REZONING & DP RESUBMISSION
2019-07-04	B	ISSUED FOR REZONING & DP
2018-09-25	A	ISSUED FOR REZONING & DP

DATE REVISION DESCRIPTION

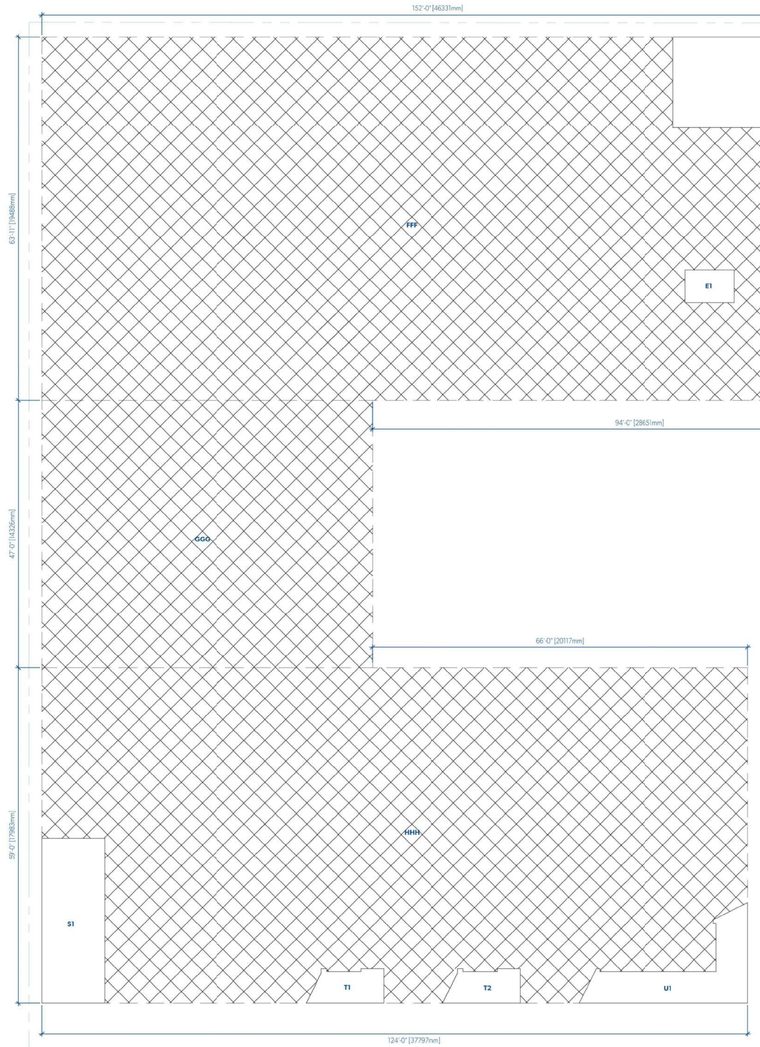
THE SCOTT BUILDING

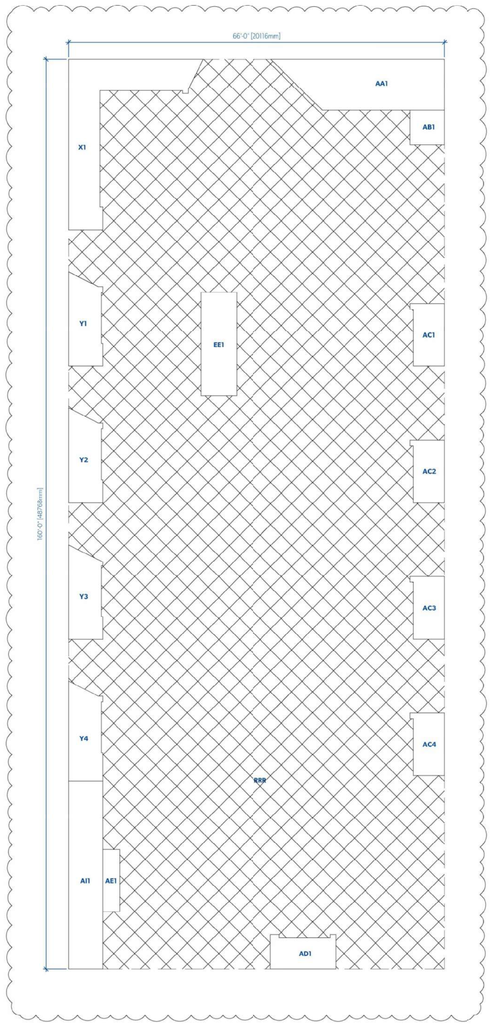
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1 **FSR LEVEL 1b**
A801b 1:150

A801b
FSR LEVEL 1b

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THE SCOTT BUILDING - LEVEL 2

	METRIC (M2)								
	LENGTH		WIDTH		AREA		QTY		TOTAL
GROSS AREA									
FFF	46.33	x	19.49	=	902.90 m2	x	1	=	902.90 m
GGG	17.68	x	14.33	=	253.28 m2	x	1	=	253.28 m
HHH	37.80	x	17.98	=	679.70 m2	x	1	=	679.70 m
RRR	20.12	x	48.77	=	981.07 m2	x	1	=	981.07 m
TOTAL GROSS AREA									**2816.95 m**
AREA DEDUCTIONS									
S	8.84	x	3.35	=	29.64 m2	x	1.0	=	29.64 m
T	(SEE T CALCULATIONS)			=	6.50 m2	x	2.0	=	13.01 m
U	(SEE U CALCULATIONS)			=	19.88 m2	x	1.0	=	19.88 m
V	(SEE V CALCULATIONS)			=	14.67 m2	x	1.0	=	14.67 m
W	12.52	x	4.86	=	60.83 m2	x	1.0	=	60.83 m
X	(SEE X CALCULATIONS)			=	24.11 m2	x	1.0	=	24.11 m
Y	(SEE Y CALCULATIONS)			=	8.23 m2	x	7.0	=	57.63 m
AA	(SEE AA CALCULATIONS)			=	21.67 m2	x	1.0	=	21.67 m
AB	1.83	x	1.83	=	3.35 m2	x	1.00	=	3.35 m
AC	(SEE AC CALCULATIONS)			=	5.59 m2	x	4.00	=	22.36 m
AD	(SEE AD CALCULATIONS)			=	5.36 m2	x	1.00	=	5.36 m
AE	3.35	x	0.91	=	3.05 m2	x	1.00	=	3.05 m
AI	10.06	x	1.83	=	18.39 m2	x	1.00	=	18.39 m
E	2.64	x	1.75	=	4.62 m2	x	1.0	=	4.62 m
EE	1.91	x	5.54	=	10.58 m2	x	1.0	=	10.58 m
TOTAL DEDUCTIONS									**309.15 m**
TOTAL GROSS AREA									2816.95 m
TOTAL DEDUCTIONS								-	309.15 m
TOTAL NET AREA									**2507.81 m**

T CALCULATIONS

GROSS AREA									
Ta	0.57	x	1.13	=	0.64 m2	x	0.5	=	0.32 m
Tb	0.53	x	1.81	=	0.95 m2	x	1.0	=	0.95 m
Tc	1.83	x	1.65	=	3.02 m2	x	1.0	=	3.02 m
Td	1.22	x	1.81	=	2.21 m2	x	1.0	=	2.21 m
TOTAL NET AREA									**6.50 m**

U CALCULATIONS

GROSS AREA									
Ua	0.92	x	1.83	=	1.67 m2	x	1.0	=	1.67 m
Ub	0.19	x	1.83	=	0.34 m2	x	2.0	=	0.69 m
Uc	4.27	x	1.65	=	7.04 m2	x	1.0	=	7.04 m
Ud	6.25	x	1.68	=	10.48 m2	x	1.0	=	10.48 m
TOTAL NET AREA									**19.88 m**

V CALCULATIONS

GROSS AREA									
Va	1.68	x	1.68	=	2.81 m2	x	1.0	=	2.81 m
Vb	4.88	x	1.68	=	8.17 m2	x	1.0	=	8.17 m
Vc	0.19	x	1.83	=	0.34 m2	x	1.0	=	0.34 m
Vd	0.91	x	1.83	=	1.67 m2	x	2.0	=	3.34 m
TOTAL NET AREA									**14.67 m**

X CALCULATIONS

GROSS AREA									
Xa	1.60	x	0.80	=	1.27 m2	x	0.5	=	0.64 m
Xb	1.83	x	0.31	=	0.56 m2	x	1.0	=	0.56 m
Xc	4.42	x	1.68	=	7.41 m2	x	1.0	=	7.41 m
Xd	1.22	x	1.83	=	2.23 m2	x	1.0	=	2.23 m
Xe	7.93	x	1.68	=	13.28 m2	x	1.0	=	13.28 m
TOTAL NET AREA									**24.11 m**

Y CALCULATIONS

GROSS AREA									
Ya	1.60	x	0.80	=	1.27 m2	x	0.5	=	0.64 m
Yb	1.83	x	0.31	=	0.56 m2	x	1.0	=	0.56 m
Yc	2.74	x	1.75	=	4.81 m2	x	1.0	=	4.81 m
Yd	1.83	x	1.22	=	2.23 m2	x	1.0	=	2.23 m
TOTAL NET AREA									**8.23 m**

AA CALCULATIONS

GROSS AREA									
AAa	2.74	x	2.74	=	7.52 m2	x	0.5	=	3.76 m
AAb	2.74	x	6.53	=	17.90 m2	x	1.0	=	17.90 m
TOTAL NET AREA									**21.67 m**

AC CALCULATIONS

GROSS AREA									
ACa	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.56 m
ACb	3.05	x	1.65	=	5.03 m2	x	1.0	=	5.03 m
TOTAL NET AREA									**5.59 m**

AD CALCULATIONS

GROSS AREA									
ADa	0.46	x	1.83	=	0.84 m2	x	1.0	=	0.84 m
ADb	2.74	x	1.65	=	4.53 m2	x	1.0	=	4.53 m
ADb	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.56 m
TOTAL NET AREA									**5.36 m**

1 **FSR LEVEL 2**
A802 1:150

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FLOOR AREA

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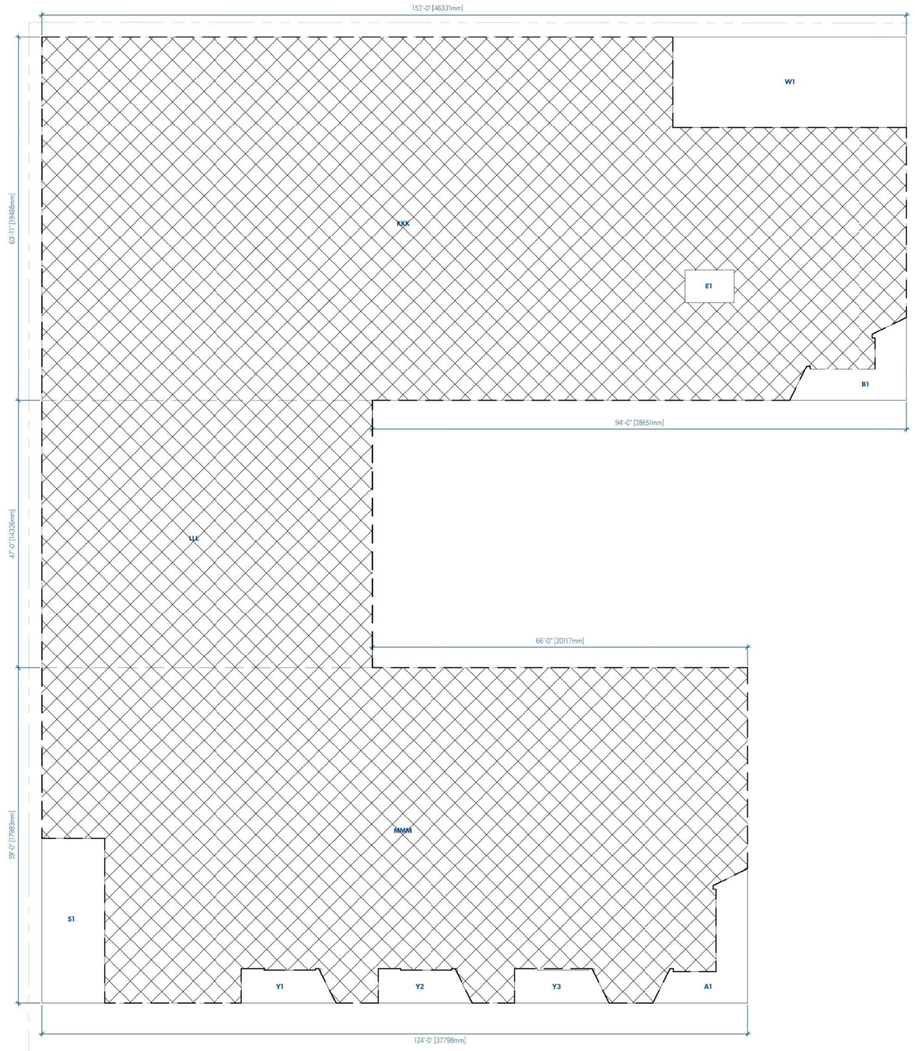
2021-12-03	H	REZONING & DP RESUBMISSION
2021-02-10	G	REVISED FOR REZONING & DP
2020-12-22	F	REVISED FOR REZONING & DP
2020-10-16	E	REVISED FOR REZONING & DP
2019-10-31	D	REVISED FOR REZONING & DP
2019-09-27	C	REZONING & DP RESUBMISSION
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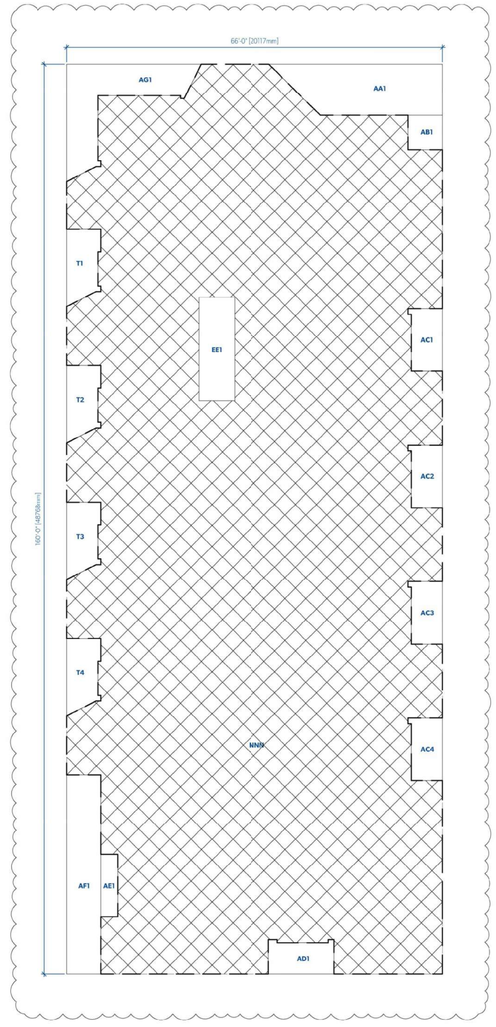
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A802
FSR LEVEL 2





THE SCOTT BUILDING - LEVEL 3

METRIC (M2)

GROSS AREA

	LENGTH		WIDTH		AREA		QTY		TOTAL
KKK	46.33	x	19.49	=	902.90 m2	x	1	=	902.90
LLL	17.68	x	14.33	=	253.28 m2	x	1	=	253.28
MMM	37.80	x	17.98	=	679.70 m2	x	1	=	679.70
NNN	20.12	x	48.77	=	981.07 m2	x	1	=	981.07
TOTAL GROSS AREA									**2816.95**

AREA DEDUCTIONS

S	8.84	x	3.35	=	29.64 m2	x	1.0	=	29.64
Y	(SEE Y CALCULATIONS)			=	8.23 m2	x	3.0	=	24.70
A	(SEE A CALCULATIONS)			=	16.41 m2	x	1.0	=	16.41
B	(SEE B CALCULATIONS)			=	13.85 m2	x	1.0	=	13.85
W	12.52	x	4.86	=	60.83 m2	x	1.0	=	60.83
T	(SEE T CALCULATIONS)			=	6.50 m2	x	4.0	=	26.01
AA	(SEE AA CALCULATIONS)			=	21.67 m2	x	1.0	=	21.67
AB	1.83	x	1.83	=	3.35 m2	x	1.00	=	3.35
AC	(SEE AC CALCULATIONS)			=	5.59 m2	x	4.00	=	22.36
AD	(SEE AD CALCULATIONS)			=	5.36 m2	x	1.00	=	5.36
AE	3.35	x	0.91	=	3.06 m2	x	1.00	=	3.06
AF	1.83	x	10.60	=	19.51 m2	x	1.00	=	19.51
AG	(SEE AG CALCULATIONS)			=	17.32 m2	x	1.00	=	17.32
E	2.64	x	1.75	=	4.62 m2	x	1.0	=	4.62
EE	1.91	x	5.54	=	10.58 m2	x	1.0	=	10.58
TOTAL DEDUCTIONS									**279.27**

TOTAL GROSS AREA	2816.95
TOTAL DEDUCTIONS	- 279.27
TOTAL NET AREA	**2537.68**

Y CALCULATIONS

GROSS AREA

Ya	1.60	x	0.80	=	1.27 m2	x	0.5	=	0.64
Yb	1.83	x	0.31	=	0.56 m2	x	1.0	=	0.56
Yc	2.74	x	1.75	=	4.81 m2	x	1.0	=	4.81
Yd	1.83	x	1.22	=	2.23 m2	x	1.0	=	2.23
TOTAL NET AREA									**8.23**

A CALCULATIONS

GROSS AREA

Aa	0.91	x	1.83	=	1.67 m2	x	1.0	=	1.67
Ab	0.19	x	1.83	=	0.34 m2	x	2.0	=	0.69
Ac	1.68	x	3.96	=	6.64 m2	x	1.0	=	6.64
Ad	4.42	x	1.68	=	7.41 m2	x	1.0	=	7.41
TOTAL NET AREA									**16.41**

B CALCULATIONS

GROSS AREA

Ba	1.83	x	0.91	=	1.67 m2	x	1.0	=	1.67
Bb	1.83	x	0.19	=	0.34 m2	x	2.0	=	0.69
Bc	3.51	x	1.68	=	5.87 m2	x	1.0	=	5.87
Bd	1.68	x	3.35	=	5.62 m2	x	1.0	=	5.62
TOTAL NET AREA									**13.85**

T CALCULATIONS

GROSS AREA

Ta	0.57	x	1.13	=	0.64 m2	x	0.5	=	0.32
Tb	0.53	x	1.81	=	0.95 m2	x	1.0	=	0.95
Tc	1.83	x	1.65	=	3.02 m2	x	1.0	=	3.02
Td	1.22	x	1.81	=	2.21 m2	x	1.0	=	2.21
TOTAL NET AREA									**6.50**

AA CALCULATIONS

GROSS AREA

AAa	2.74	x	2.74	=	7.52 m2	x	0.5	=	3.76
AAb	2.74	x	6.53	=	17.90 m2	x	1.0	=	17.90
TOTAL NET AREA									**21.67**

AC CALCULATIONS

GROSS AREA

ACa	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.56
ACb	3.05	x	1.65	=	5.03 m2	x	1.0	=	5.03
TOTAL NET AREA									**5.59**

AD CALCULATIONS

GROSS AREA

ADa	0.46	x	1.83	=	0.84 m2	x	1.0	=	0.84
ADb	2.74	x	1.65	=	4.53 m2	x	1.0	=	4.53
ADb	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.56
TOTAL NET AREA									**5.36**

AG CALCULATIONS

GROSS AREA

AGa	1.60	x	0.80	=	1.27 m2	x	0.5	=	0.64
AGb	1.83	x	0.32	=	0.59 m2	x	1.0	=	0.59
AGc	4.42	x	1.68	=	7.41 m2	x	1.0	=	7.41
AGd	1.68	x	5.18	=	8.69 m2	x	1.0	=	8.69
TOTAL NET AREA									**17.32**

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FLOOR AREA

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20°

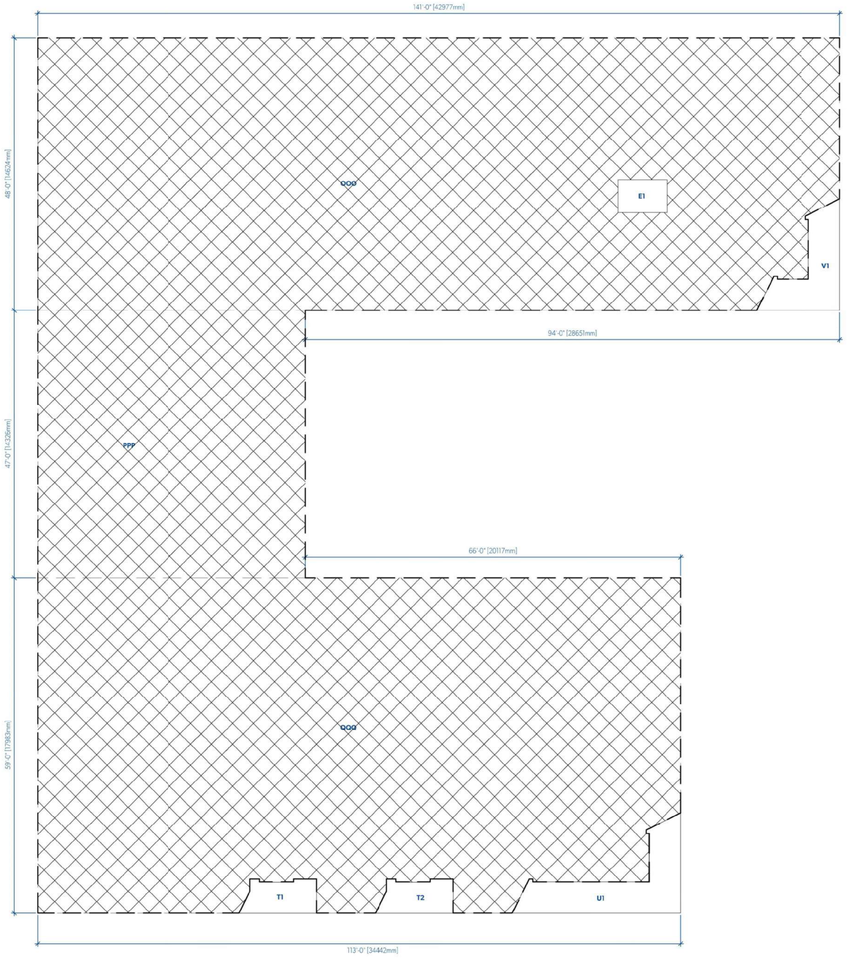
2021-12-03	H	REZONING & DP RESUBMISSION
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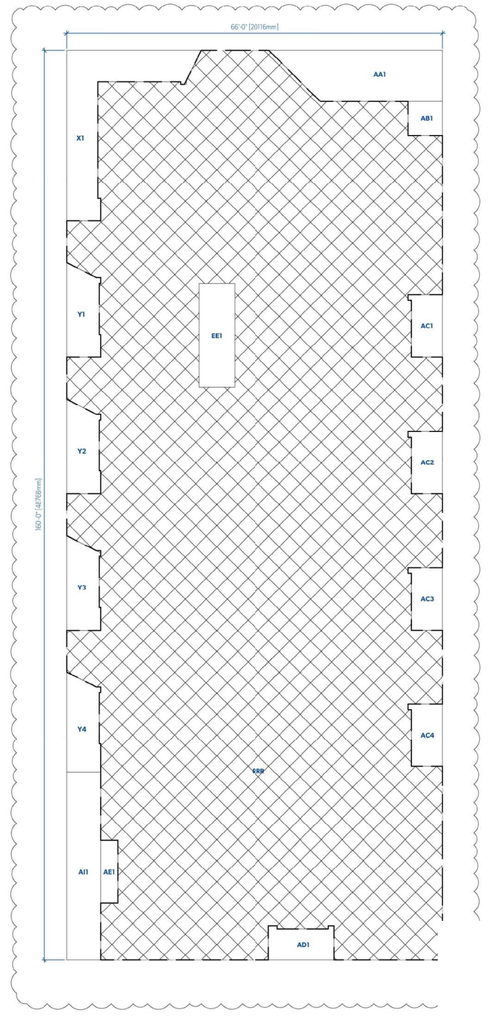
DATE REVISION DESCRIPTION

THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A803
FSR LEVEL 3





THE SCOTT BUILDING - LEVEL 4

METRIC (M2)

	LENGTH		WIDTH		AREA		QTY		TOTAL
GROSS AREA									
OOO	42.98	x	14.63	=	628.75 m2	x	1	=	628.7
PPP	14.33	x	14.33	=	205.23 m2	x	1	=	205.2
QQQ	34.44	x	17.98	=	619.39 m2	x	1	=	619.3
RRR	20.12	x	48.77	=	981.02 m2	x	1	=	981.0
TOTAL GROSS AREA									**2434.3**
AREA DEDUCTIONS									
T	(SEE T CALCULATIONS)			=	6.50 m2	x	2.0	=	13.0
U	(SEE U CALCULATIONS)			=	19.88 m2	x	1.0	=	19.8
V	(SEE V CALCULATIONS)			=	14.67 m2	x	1.0	=	14.6
X	(SEE X CALCULATIONS)			=	24.11 m2	x	1.0	=	24.1
Y	(SEE Y CALCULATIONS)			=	8.23 m2	x	7.0	=	57.6
AA	(SEE AA CALCULATIONS)			=	21.67 m2	x	1.0	=	21.6
AB	1.83	x	1.83	=	3.35 m2	x	1.00	=	3.3
AC	(SEE AC CALCULATIONS)			=	5.59 m2	x	4.00	=	22.3
AD	(SEE AD CALCULATIONS)			=	5.36 m2	x	1.00	=	5.3
AE	3.35	x	0.91	=	3.05 m2	x	1.00	=	3.0
AI	10.06	x	1.83	=	18.39 m2	x	1.00	=	18.3
E	2.64	x	1.75	=	4.62 m2	x	1.0	=	4.6
EE	1.91	x	5.54	=	10.58 m2	x	1.0	=	10.5
TOTAL DEDUCTIONS									**218.6**
TOTAL GROSS AREA									2434.3
TOTAL DEDUCTIONS								-	218.6
TOTAL NET AREA									**2215.7**

T CALCULATIONS

GROSS AREA									
Ta	0.57	x	1.13	=	0.64 m2	x	0.5	=	0.3
Tb	0.53	x	1.81	=	0.95 m2	x	1.0	=	0.9
Tc	1.83	x	1.65	=	3.02 m2	x	1.0	=	3.0
Td	1.22	x	1.81	=	2.21 m2	x	1.0	=	2.2
TOTAL NET AREA									**6.5**

U CALCULATIONS

GROSS AREA									
Ua	0.92	x	1.83	=	1.67 m2	x	1.0	=	1.6
Ub	0.19	x	1.83	=	0.34 m2	x	2.0	=	0.6
Uc	4.27	x	1.65	=	7.04 m2	x	1.0	=	7.0
Ud	6.25	x	1.68	=	10.48 m2	x	1.0	=	10.4
TOTAL NET AREA									**19.8**

V CALCULATIONS

GROSS AREA									
Va	1.68	x	1.68	=	2.81 m2	x	1.0	=	2.8
Vb	4.88	x	1.68	=	8.17 m2	x	1.0	=	8.1
Vc	0.19	x	1.83	=	0.34 m2	x	1.0	=	0.3
Vd	0.91	x	1.83	=	1.67 m2	x	2.0	=	3.3
TOTAL NET AREA									**14.6**

X CALCULATIONS

GROSS AREA									
Xa	1.60	x	0.80	=	1.27 m2	x	0.5	=	0.6
Xb	1.83	x	0.31	=	0.56 m2	x	1.0	=	0.5
Xc	4.42	x	1.68	=	7.41 m2	x	1.0	=	7.4
Xd	1.22	x	1.83	=	2.23 m2	x	1.0	=	2.2
Xe	7.93	x	1.68	=	13.28 m2	x	1.0	=	13.2
TOTAL NET AREA									**24.**

Y CALCULATIONS

GROSS AREA									
Ya	1.60	x	0.80	=	1.27 m2	x	0.5	=	0.6
Yb	1.83	x	0.31	=	0.56 m2	x	1.0	=	0.5
Yc	2.74	x	1.75	=	4.81 m2	x	1.0	=	4.8
Yd	1.83	x	1.22	=	2.23 m2	x	1.0	=	2.2
TOTAL NET AREA									**8.2**

AA CALCULATIONS

GROSS AREA									
AAa	2.74	x	2.74	=	7.52 m2	x	0.5	=	3.8
AAb	2.74	x	6.53	=	17.90 m2	x	1.0	=	17.9
TOTAL NET AREA									**21.6**

AC CALCULATIONS

GROSS AREA									
ACa	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.5
ACb	3.05	x	1.65	=	5.03 m2	x	1.0	=	5.0
TOTAL NET AREA									**5.5**

AD CALCULATIONS

GROSS AREA									
ADa	0.46	x	1.83	=	0.84 m2	x	1.0	=	0.8
ADb	2.74	x	1.65	=	4.53 m2	x	1.0	=	4.5
ADb	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.5
TOTAL NET AREA									**5.3**

1 **FSR LEVEL 4**
A804 1:150

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LEGEND

FLOOR AREA

PERIMETER

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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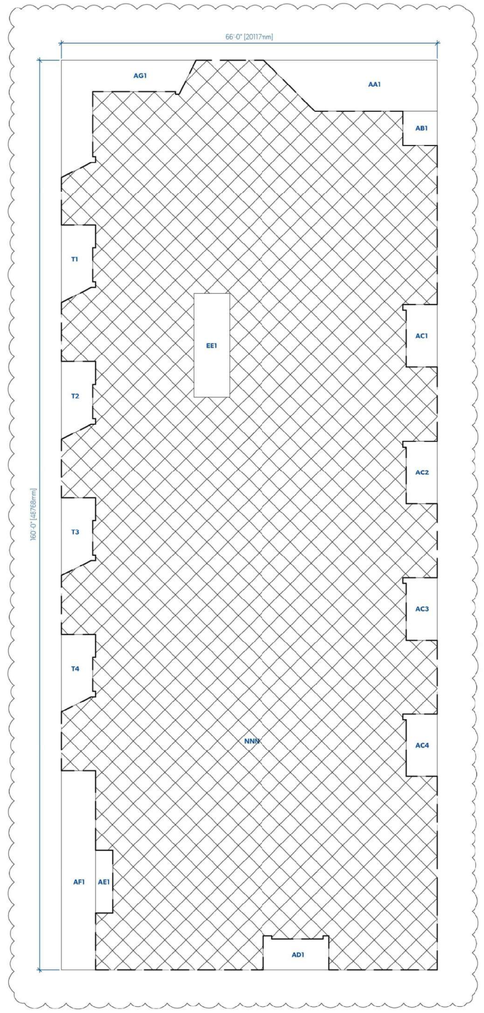
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A804
FSR LEVEL 4



THE SCOTT BUILDING - LEVEL 5

			LENGTH		WIDTH		METRIC (M2) AREA		QTY		TOTA
GROSS AREA											
NNN	20.12	x	48.77	=	981.07 m2	x	1	=	981.		
TOTAL GROSS AREA											**981.**
AREA DEDUCTIONS											
T	(SEE T CALCULATIONS)			=	6.50 m2	x	4.0	=	26		
EE	1.91	x	5.54	=	10.58 m2	x	1.0	=	10.		
AA	(SEE AA CALCULATIONS)			=	21.67 m2	x	1.0	=	21.		
AB	1.83	x	1.83	=	3.35 m2	x	1.00	=	3.		
AC	(SEE AC CALCULATIONS)			=	5.59 m2	x	4.00	=	22.		
AD	(SEE AD CALCULATIONS)			=	5.36 m2	x	1.00	=	5.		
AE	3.35	x	0.91	=	3.06 m2	x	1.00	=	3.		
AF	1.83	x	10.60	=	19.51 m2	x	1.00	=	19		
AG	(SEE AG CALCULATIONS)			=	17.32 m2	x	1.00	=	17.		
TOTAL DEDUCTIONS											**129.**
TOTAL GROSS AREA											981.
TOTAL DEDUCTIONS										-	129.
TOTAL NET AREA											**851.**

T CALCULATIONS

GROSS AREA									
Ta	0.57	x	1.13	=	0.64 m2	x	0.5	=	0.
Tb	0.53	x	1.81	=	0.95 m2	x	1.0	=	0.
Tc	1.83	x	1.65	=	3.02 m2	x	1.0	=	3.
Td	1.22	x	1.81	=	2.21 m2	x	1.0	=	2
TOTAL NET AREA									**6.**

AA CALCULATIONS

GROSS AREA									
AAa	2.74	x	2.74	=	7.52 m2	x	0.5	=	3.
AAb	2.74	x	6.53	=	17.90 m2	x	1.0	=	17.
TOTAL NET AREA									**21.**

AC CALCULATIONS

GROSS AREA									
ACa	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.
ACb	3.05	x	1.65	=	5.03 m2	x	1.0	=	5.
TOTAL NET AREA									**5.**

AD CALCULATIONS

GROSS AREA									
ADa	0.46	x	1.83	=	0.84 m2	x	1.0	=	0.
ADb	2.74	x	1.65	=	4.53 m2	x	1.0	=	4.
ADb	0.31	x	1.83	=	0.56 m2	x	1.0	=	0.
TOTAL NET AREA									**5.**

AG CALCULATIONS

GROSS AREA									
AGa	1.60	x	0.80	=	1.27 m2	x	0.5	=	0.
AGb	1.83	x	0.32	=	0.59 m2	x	1.0	=	0.
AGc	4.42	x	1.68	=	7.41 m2	x	1.0	=	7
AGd	1.68	x	5.18	=	8.69 m2	x	1.0	=	8.
TOTAL NET AREA									**17.**

1 **FSR LEVEL 5**
A805 1:150

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LEGEND

FLOOR AREA

PERIMETER

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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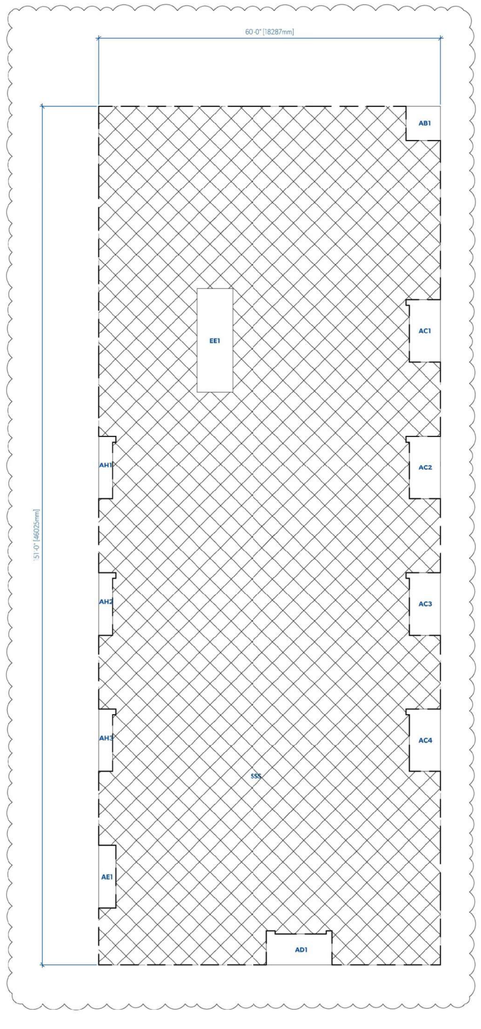
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THE SCOTT BUILDING

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VICTORIA, BC
2017-016

A805
FSR LEVEL 5



THE SCOTT BUILDING - LEVEL 6

				METRIC (M2)				
	LENGTH		WIDTH	AREA		QTY		TOTA
GROSS AREA								
SSS	18.29	x	46.03 =	841.66 m2	x	1	=	841.
TOTAL GROSS AREA								**841.**
AREA DEDUCTIONS								
EE	1.91	x	5.54 =	10.58 m2	x	1.0	=	10.
AB	1.83	x	1.83 =	3.35 m2	x	7.0	=	23.
AC	(SEE AC CALCULATIONS)		=	5.59 m2	x	4.00	=	22.
AD	(SEE AD CALCULATIONS)		=	5.36 m2	x	1.00	=	5.
AE	3.35	x	0.91 =	3.06 m2	x	1.00	=	3.
AH	(SEE AH CALCULATIONS)		=	2.53 m2	x	3.0	=	7.
TOTAL DEDUCTIONS								**72.**
TOTAL GROSS AREA								841.
TOTAL DEDUCTIONS							-	72.
TOTAL NET AREA								**769.**

AC CALCULATIONS

GROSS AREA								
ACa	0.31	x	1.83 =	0.56 m2	x	1.0	=	0.
ACb	3.05	x	1.65 =	5.03 m2	x	1.0	=	5.
TOTAL NET AREA								**5.**

AD CALCULATIONS

GROSS AREA								
ADa	0.46	x	1.83 =	0.84 m2	x	1.0	=	0.
ADb	2.74	x	1.65 =	4.53 m2	x	1.0	=	4.
ADb	0.31	x	1.83 =	0.56 m2	x	1.0	=	0.
TOTAL NET AREA								**5.**

AH CALCULATIONS

GROSS AREA								
AHa	3.05	x	0.74 =	2.25 m2	x	1.0	=	2.
AHb	0.31	x	0.91 =	0.28 m2	x	1.0	=	0.
TOTAL NET AREA								**2.**

1 **FSR LEVEL 6**
A806 1:150

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FLOOR AREA

PERIMETER

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
VANCOUVER BC
CANADA V6J 1J8

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THE SCOTT BUILDING

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A806
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1 **VIEW SOUTHEAST FROM CORNER OF DOUGLAS & HILLSIDE**
A811

MICHAEL GREEN ARCHITECTURE
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THE SCOTT BUILDING

2651 DOUGLAS ST, 2659 DOUGLAS ST &
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A811
3D RENDERS



1 **VIEW SOUTH TO CAFE AND RESIDENTIAL ENTRANCES**
A813

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1535 WEST 3RD AVENUE
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CANADA V6J 1J8

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THE SCOTT BUILDING

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A813
3D RENDERS



1 **VIEW NORTH THROUGH INTERNAL PLAZA**
A814

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A814
3D RENDERS

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1 **WEST ELEVATION FROM DOUGLAS STREET**
A815

MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
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A815
3D RENDERS

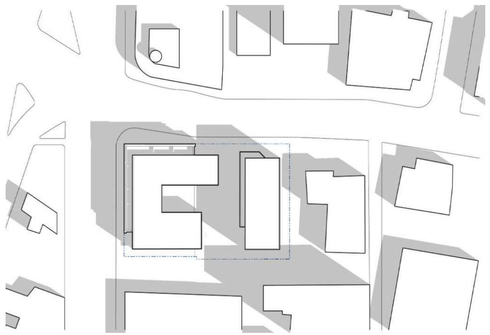
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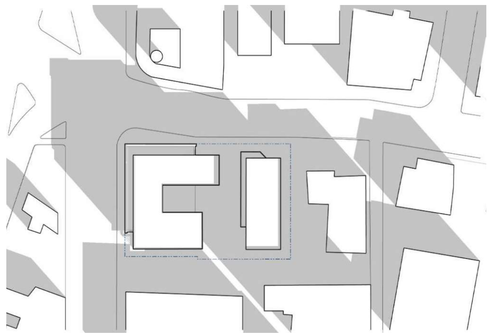
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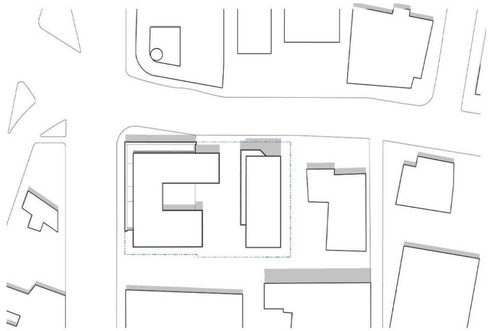
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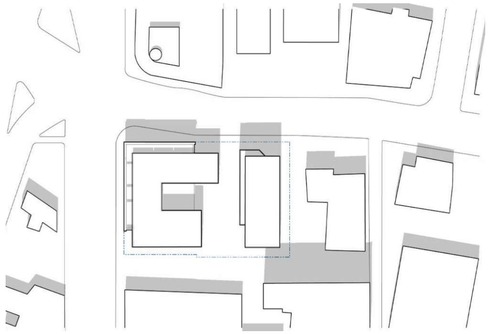


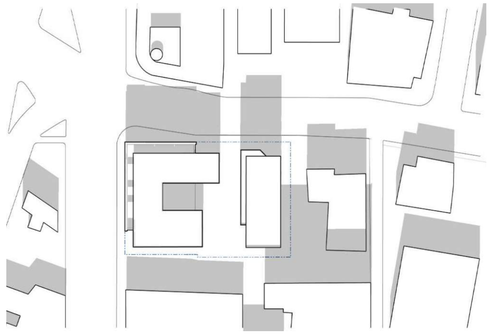




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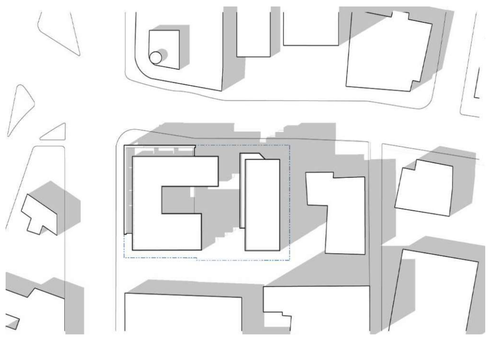


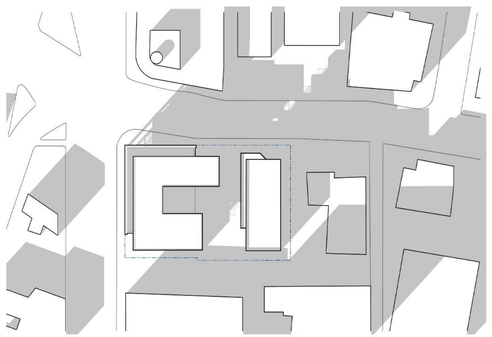




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1 **SOLAR IMPACT ANALYSIS**
A821

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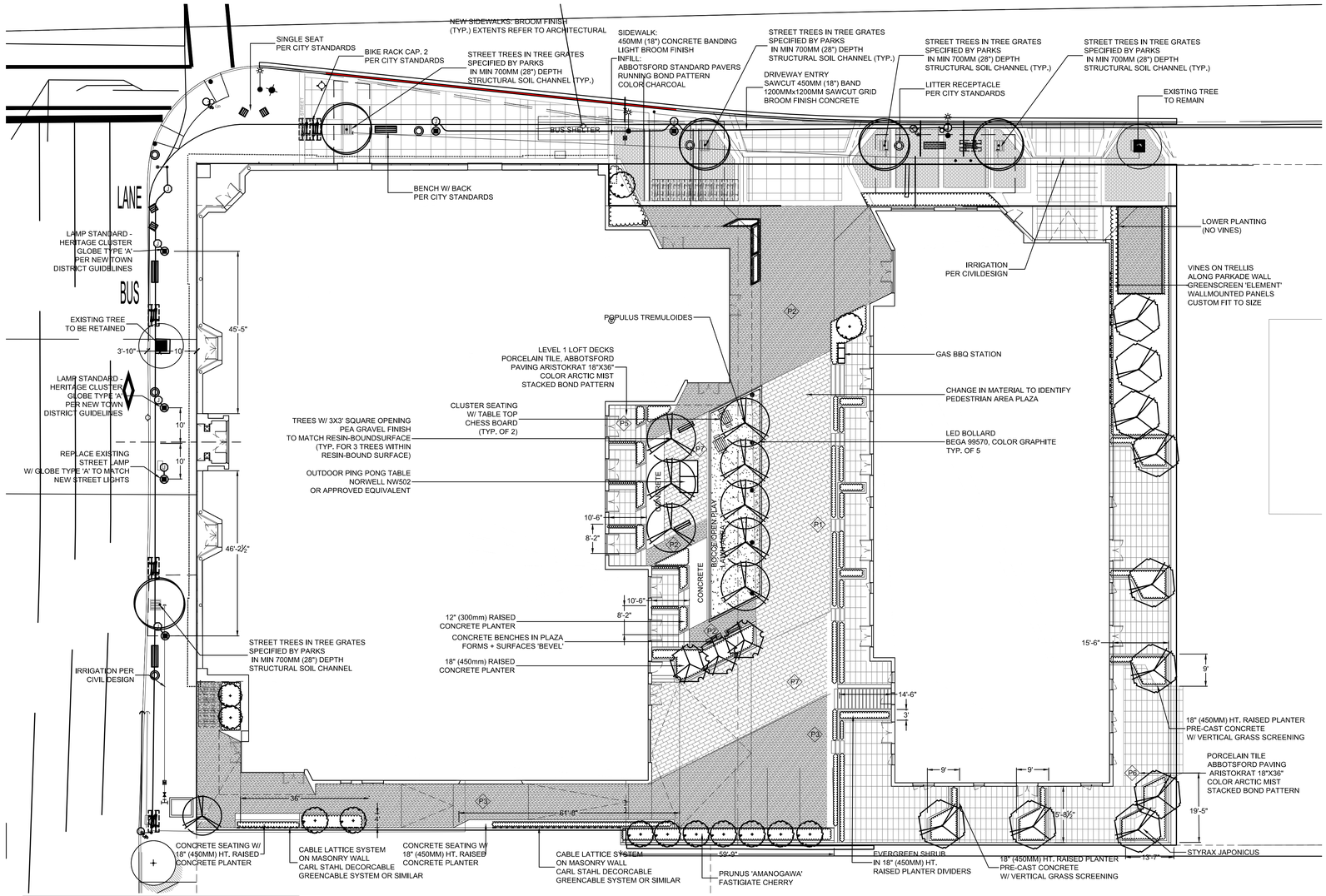
MICHAEL GREEN ARCHITECTURE
1535 WEST 3RD AVENUE
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THE SCOTT BUILDING

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735 HILLSIDE AVENUE
VICTORIA, BC
2017-016

A821
SOLAR IMPACT ANALYSIS



DRAWING LIST:

L1	GROUND LEVEL LANDSCAPE PLAN
L2	GROUND LEVEL LANDSCAPE DETAILS
L3	GROUND LEVEL LANDSCAPE DETAILS CONT'D
L4	LEVEL 2 LANDSCAPE PLAN
L5	LEVEL 2 LANDSCAPE DETAILS
L6	OFFSITE LANDSCAPE DETAILS
L7	GROUND LEVEL SHRUB PLAN
L8	LEVEL 2 SHRUB PLAN
L9	LANDSCAPE SPECIFICATION
L10	STRUCTURAL SOIL SPECIFICATION
L11	STRUCTURAL SOIL LAYOUT

PLANT SCHEDULE - GROUND LEVEL TREES

PMG PROJECT NUMBER: 18196

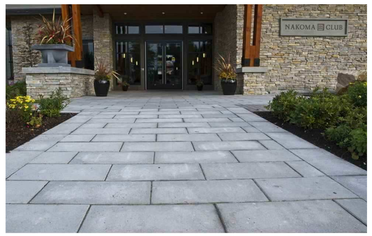
KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
TREE	9	POPULUS TREMULOIDES	SWEDISH ASPEN	9CM CAL; 1.8M STD; B&B
	3	MAGNOLIA X LEOBNERI 'LEONARD MESSEL'	LEONARD MESSEL MAGNOLIA (PINK)	6CM CAL; 1.2M STD; B&B
	13	PRUNUS SERRULATA 'AMANOGAWA'	AMANOGAWA FLOWERING CHERRY	6CM CAL; 1.2M STD; B&B
	5	STREET TREE	SPECIES TBD BY PARKS DEPARTMENT	
	10	STYRAX JAPONICUS	JAPANESE SNOWBELL	5CM CAL; 1.5M STD; B&B

NOTES: * PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD, LATEST EDITION. CONTAINER SIZES SPECIFIED AS PER CNLA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. * REFER TO SPECIFICATIONS FOR DEFINED CONTAINER MEASUREMENTS AND OTHER PLANT MATERIAL REQUIREMENTS. * SEARCH AND REVIEW: MAKE PLANT MATERIAL AVAILABLE FOR OPTIONAL REVIEW BY LANDSCAPE ARCHITECT AT SOURCE OF SUPPLY. AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND VANCOUVER ISLAND. * SUBSTITUTIONS: OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL. UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF FIVE DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTE. SUBSTITUTIONS ARE SUBJECT TO BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY. * ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD LATEST EDITION. * ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY. * BIO-SOLIDS NOT PERMITTED IN GROWING MEDIUM UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT.

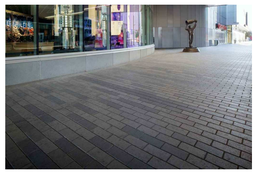
CONTRACTOR TO PROVIDE DESIGN-BUILD HIGH EFFICIENCY IRRIGATION SYSTEM IN CONFORMANCE WITH LOCAL STANDARDS. LANDSCAPE ARCHITECT/CLIENT TO REVIEW DESIGN PRIOR TO INSTALLATION.

MATERIALS LEGEND

KEY	DESCRIPTION
P1	STAMPED CONCRETE, RUNNING BOND PATTERN 24X12" BRICK SIZE, COLOR: INTERSTAR CR-NAT OR APPROVED EQUIVALENT
P2	STAMPED CONCRETE, RUNNING BOND PATTERN 6x12" BRICK SIZE, COLOR: INTERSTAR CR-927 GRAY OR APP. EQUIVALENT
P3	STAMPED CONCRETE, RUNNING BOND PATTERN 6x12" BRICK SIZE, COLOR: INTERSTAR CR-935 CHARCOAL OR APP. EQUIVALENT
P5	STAMPED CONCRETE, RUNNING BOND PATTERN 12"X3" BRICK SIZE, COLOR: INTERSTAR CR-947 DARK GRAY
P6	PORCELAIN TILE, ABBOTSFORD PAVING ARISTOKRAT 18"X36" COLOR ARCTIC MIST, STACKED BOND PATTERN
P7	STAMPED CONCRETE, RUNNING BOND PATTERN 24X12" BRICK SIZE, COLOR: INTERSTAR CR-923 SILVER OR APPROVED EQUIV.



P1 AND P7 STAMPED CONCRETE PATTERN 24"X12" BRICK SIZE



P2 AND P3 STAMPED CONCRETE PATTERN 12"X6" BRICK SIZE



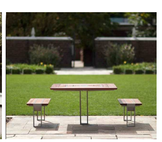
P5 STAMPED CONCRETE 12"X3" BRICK SIZE

FURNISHINGS LEGEND

KEY	DESCRIPTION
	LAMP STANDARD - HERITAGE CLUSTER GLOBE TYPE 'A' PER NEW TOWN DISTRICT GUIDELINES
	SINGLE SEAT CHAIR WITH BACK VICTOR STANLEY NRS 24 WITH ARMRESTS, BLACK
	BENCH WITH BACK MAGLIN MLB300-MH, BLACK
	BIKE RACK , CAPACITY 2 MAGLIN MBR500, BLACK
	TREE GRATE W/ FRAME DOBNEY FOUNDRY ST 48
	FORMS+SURFACES BEVEL BENCH UDHP CONCRETE FINISH
	FORMS+SURFACES APEX TABLE (2 SEAT) W/ CHESS BOARD TABLE TOP



COURTYARD BENCH



CLUSTER SEATING W/ TABLE TOP CHESS BOARD



OFFSITE STREETSCAPE FURNISHINGS

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-	19.SEP.23	DP RE-SUBMISSION	BA
-	19.SEP.12	50% BP PROGRESS	BA
-	19.JUL.26	25% BP PROGRESS	BA

CLIENT:

PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

DRAWING TITLE:

GROUND LEVEL LANDSCAPE PLAN

DATE:	19.MAY.31
SCALE:	1:200
DRAWN:	BA
DESIGN:	BA
CHK'D:	

DRAWING NUMBER: **L1**

OF 11

PMG PROJECT NUMBER: **18-196**

18196-20.ZIP



SWEDISH ASPEN
POPULUS TREMULOIDES



JAPANESE SNOWBELL
STYRAX JAPONICA



MAGNOLIA X LEOBNERI
'LEONARD MESSEL'



FLAGPOLE CHERRY
PRUNUS 'AMANOGAWA'





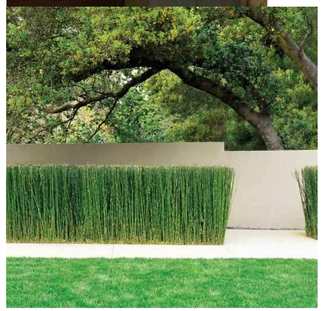
CABLE TRELLIS MOUNTED TO MASONRY WALL (SOUTH PL)
CARL STAHL GREENCABLE SYSTEM OR SIMILAR
W/ VINE PLANTED AT BASE





EAST SIDE, PARKADE WALL:
WALLMOUNTED GREEN WALL PANELS
GREENSCREEN 'ELEMENTS' MODULAR PANELS
CUSTOM SIZE TO FIT, MOUNT PER MANUFACTURER
SPECIFICATION





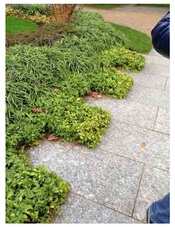
VERTICAL GRASSES





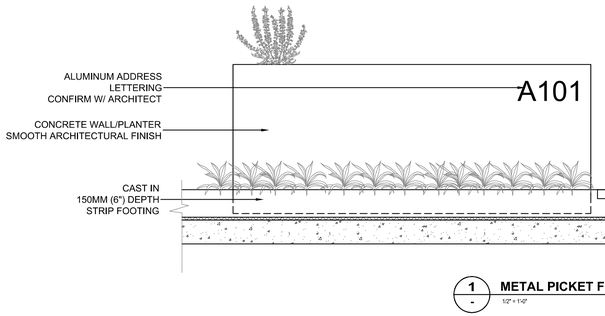


SHRUBS/GROUNDCOVER

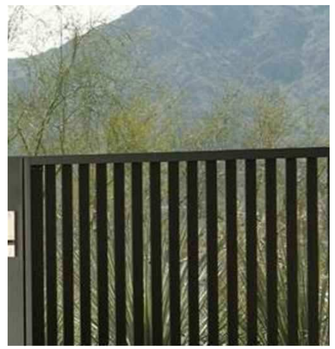




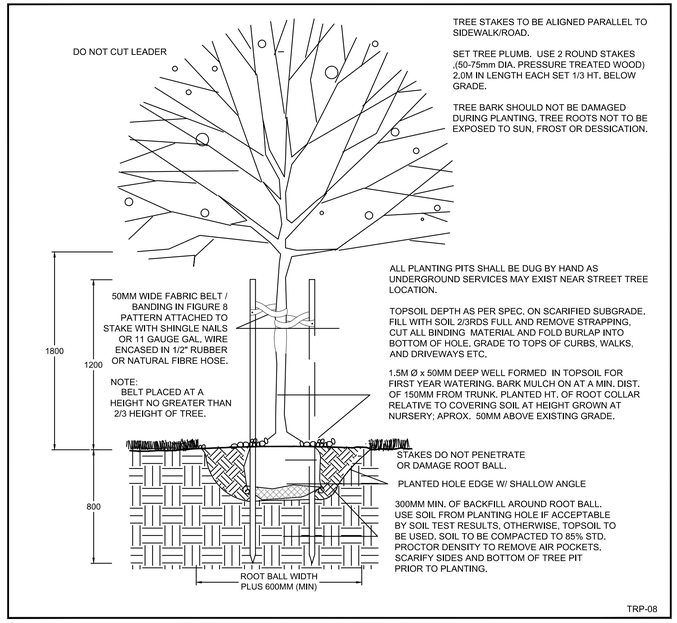
EVERGREEN SHRUBS -
PATIO DIVIDERS



1 / - **METAL PICKET FENCE AND GATE DETAIL - MAIN FLOOR COURTYARD**
1/2" = 1'-0"



METAL PICKET FENCE



2 / - **TYPICAL TREE PLANTING DETAIL**
N.T.S.

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PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

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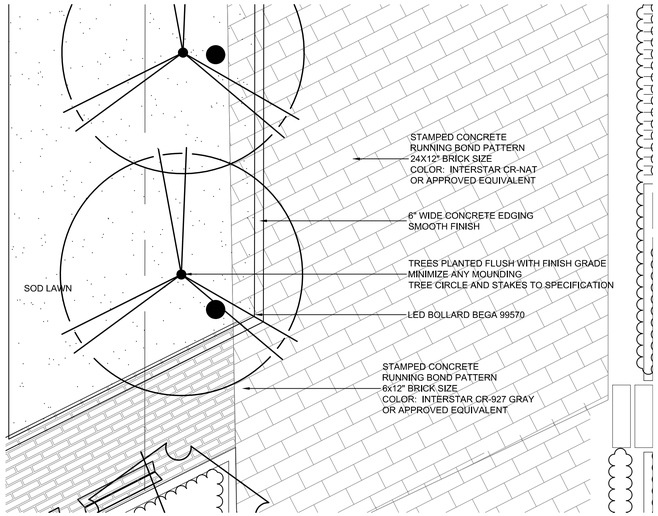
LANDSCAPE DETAILS GROUND LEVEL

DATE: 19.MAY.31
SCALE: AS SHOWN
DRAWN: BA
DESIGN: BA
CHK'D:

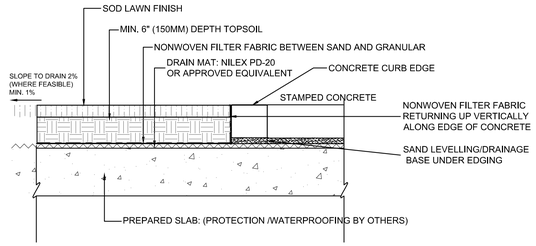
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OF 11

PMG PROJECT NUMBER: **18-196**

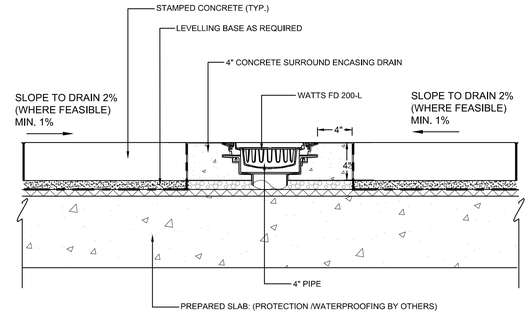
18196-20.ZIP



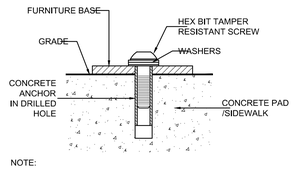
DRIVE AISLE PAVERS AND GRASS GRID DETAIL
1/4" = 1'-0"



3 - CONCRETE PAVING INTERFACE W/ SOD LAWN ON SLAB
1" = 1'-0"

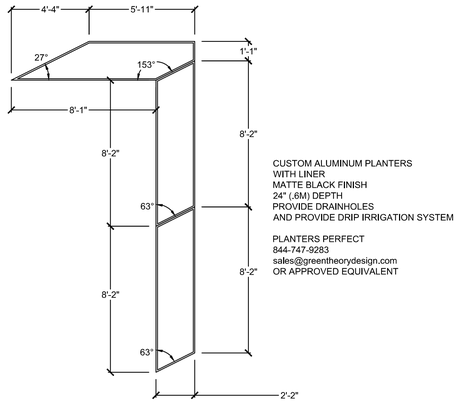


4 - AREA DRAIN WITHIN CONCRETE PAVING ON SLAB
1 1/2" = 1'-0"

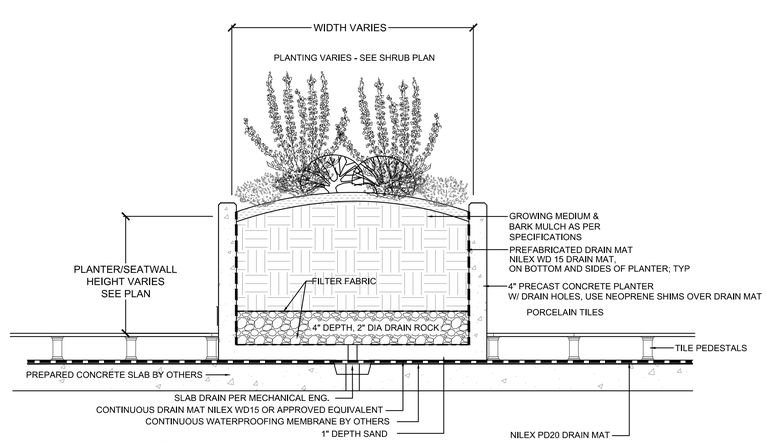


NOTE:
SITE FURNISHINGS TO BE INSTALLED TO
MANUFACTURERS SPECIFICATIONS

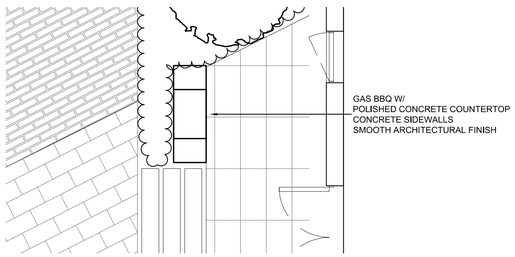
5 - SITE FURNITURE MOUNTING
N.T.S.

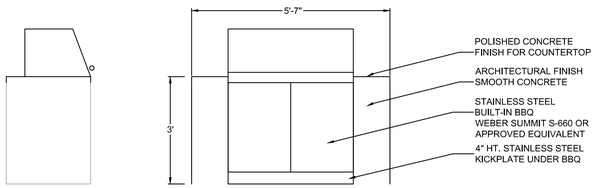


6 - ALUMINUM PLANTERS NEAR SITE ENTRY
1/4" = 1'-0"



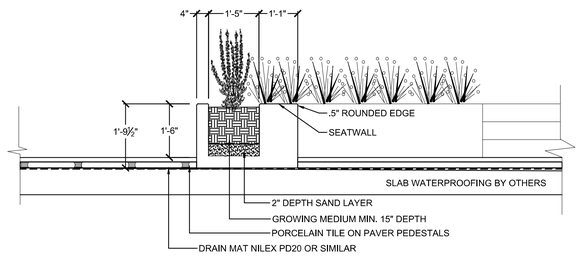
7 - TYP. SECTION THRU CONCRETE PLANTER MAIN COURTYARD
3/4" = 1'-0"



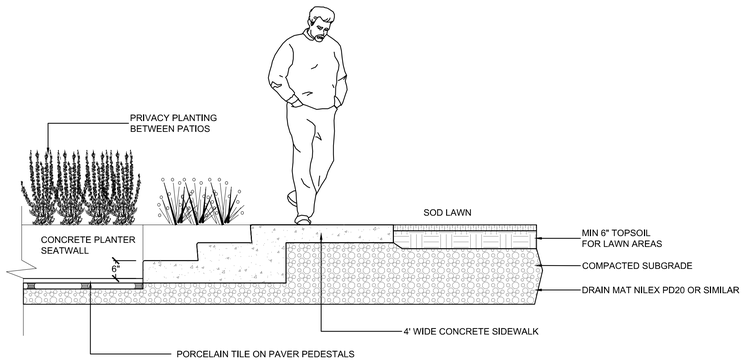


BBQ ISLAND SOUTH ELEVATION BBQ ISLAND EAST ELEVATION

8 - OUTDOOR BBQ - GROUND FLOOR COURTYARD
1/2" = 1'-0"



9 - MAIN FLOOR COURTYARD CONC. PLANTER AND PATIO
1/2" = 1'-0"



10 - MAIN FLOOR COURTYARD STAIRS TO PATIO UNITS
1/2" = 1'-0"

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-	19.SEP.12	50% BP PROGRESS	BA
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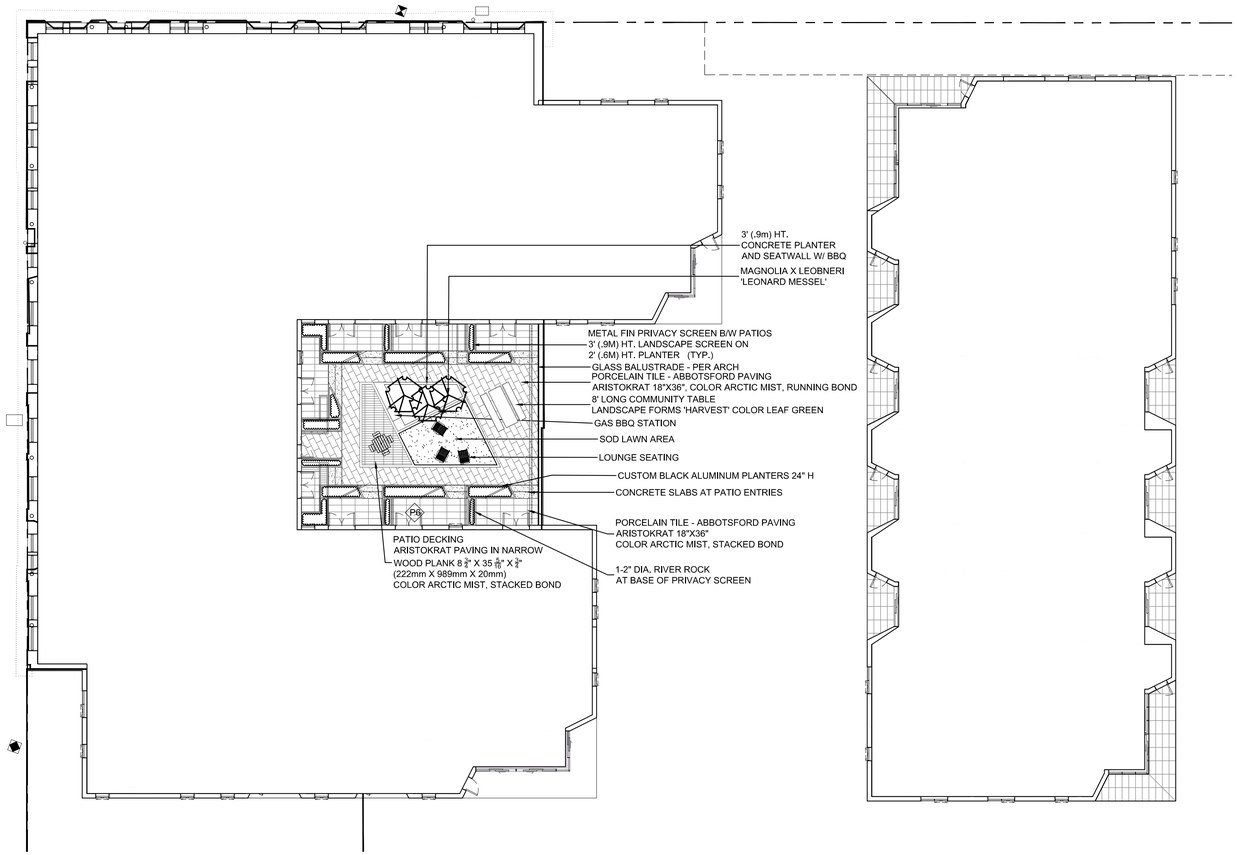
LANDSCAPE DETAILS GROUND LEVEL CONT'D

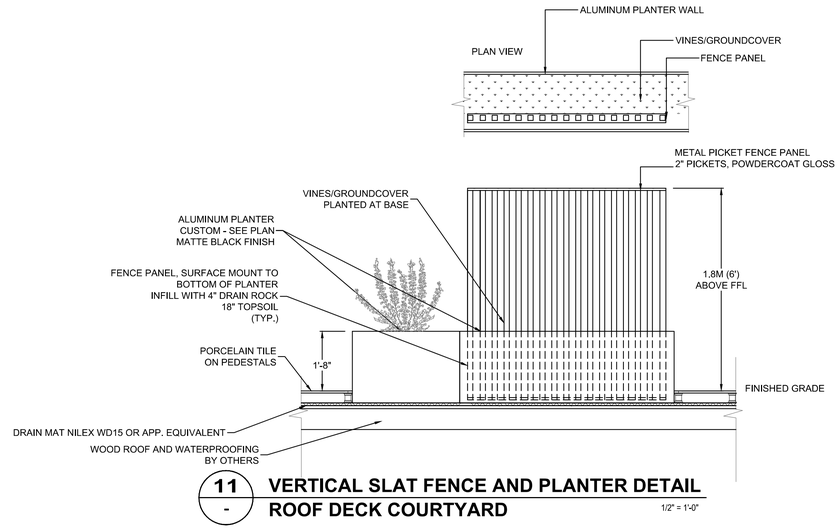
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CHK'D:

DRAWING NUMBER: **L3**
OF 11

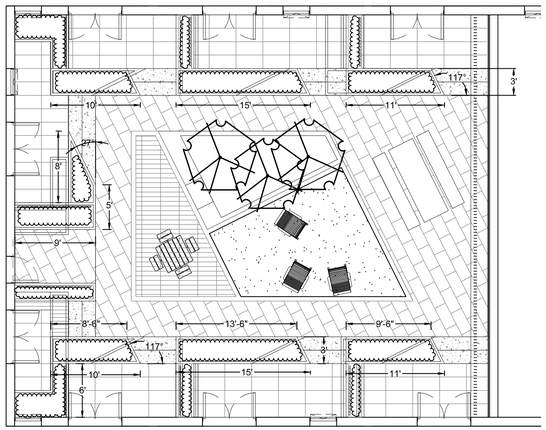
PMG PROJECT NUMBER: **18-196**

18196-20.ZIP

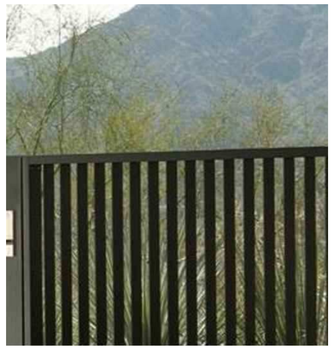




11 - VERTICAL SLAT FENCE AND PLANTER DETAIL
ROOF DECK COURTYARD
1/2" = 1'-0"



ALUMINUM PLANTER LAYOUT
1/8" = 1'-0"



METAL PICKET FENCE

PLANT SCHEDULE - ROOF DECK TREES

PMG PROJECT NUMBER: 18196

KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
TREE	3	MAGNOLIA X LEOBNERI 'LEONARD MESSEL'	LEONARD MESSEL MAGNOLIA (PINK)	6CM CAL; 1.2M STD; B&B

NOTES: * PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD, LATEST EDITION. CONTAINER SIZES SPECIFIED AS PER CNLA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. * REFER TO SPECIFICATIONS FOR DEFINED CONTAINER MEASUREMENTS AND OTHER PLANT MATERIAL REQUIREMENTS. * SEARCH AND REVIEW: MAKE PLANT MATERIAL AVAILABLE FOR OPTIONAL REVIEW BY LANDSCAPE ARCHITECT AT SOURCE OF SUPPLY. AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND VANCOUVER ISLAND. * SUBSTITUTIONS: OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL. UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF FIVE DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTE. SUBSTITUTIONS ARE SUBJECT TO BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY. * ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD LATEST EDITION. * ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY. * BIO-SOLIDS NOT PERMITTED IN GROWING MEDIUM UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT.



MAGNOLIA X LEOBNERI
'LEONARD MESSEL'



CLUSTER SEATING
FORMS+SURFACES APEX TABLE (4 SEAT)
IPE WOOD, COLOR BLACK



LOUNGE CHAIR SEATING
MAGLIN MCL720-L 3 CHAIRS
COLOR BLACK

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DOUGLAS ST & HILLSIDE AVE
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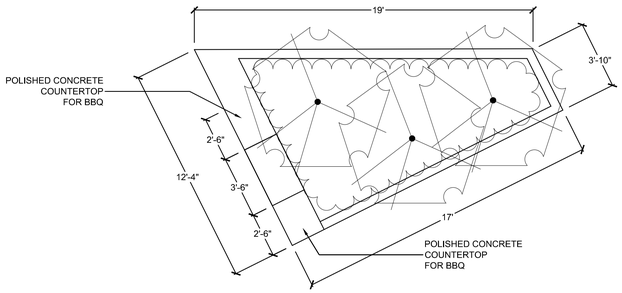
ROOF DECK LANDSCAPE

DATE: 19.MAY.31
SCALE: 1:200
DRAWN: BA
DESIGN: BA
CHK'D:

DRAWING NUMBER: **L4** **OF 11**

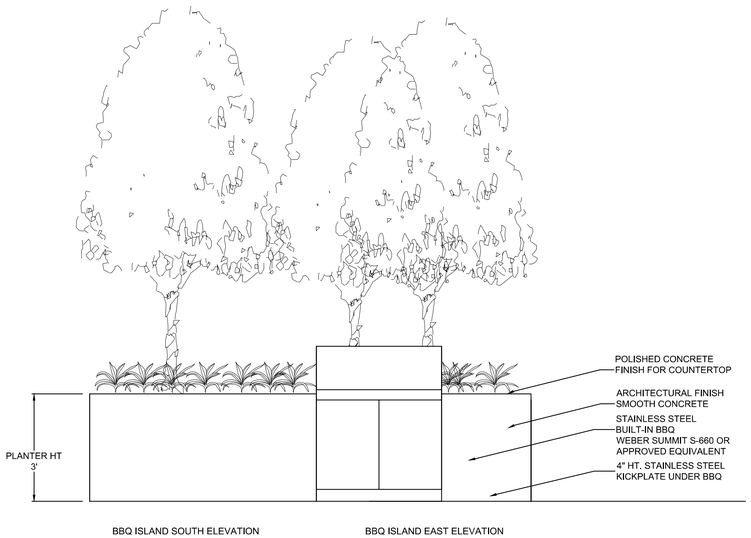
PMG PROJECT NUMBER: **18-196**

18196-20.ZIP

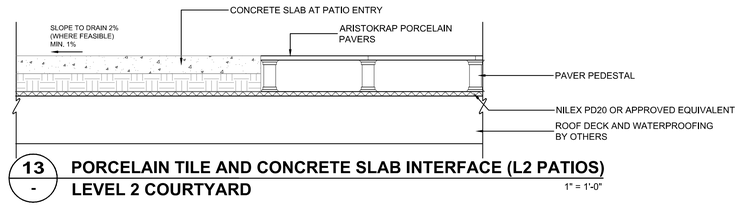




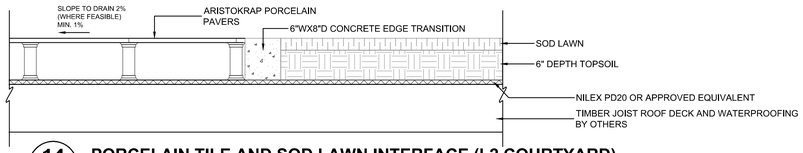
3' (.9M) HT. CENTRAL CONCRETE
PLANTER W/ BBQ



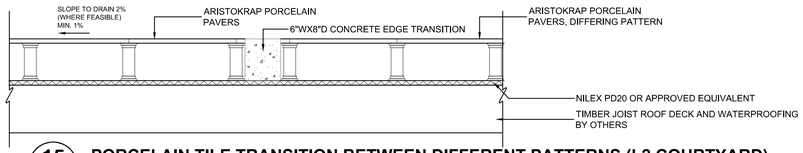
12 - OUTDOOR BBQ - ROOF DECK AMENITY AREA
1/2" = 1'-0"



13 - PORCELAIN TILE AND CONCRETE SLAB INTERFACE (L2 PATIOS) LEVEL 2 COURTYARD
1" = 1'-0"



14 - PORCELAIN TILE AND SOD LAWN INTERFACE (L2 COURTYARD) LEVEL 2 COURTYARD
1" = 1'-0"



15 - PORCELAIN TILE TRANSITION BETWEEN DIFFERENT PATTERNS (L2 COURTYARD) LEVEL 2 COURTYARD
1" = 1'-0"

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-	19.SEP.23	DP RE-SUBMISSION	BA
-	19.SEP.12	50% BP PROGRESS	BA
-	19.JUL.26	25% BP PROGRESS	BA

CLIENT:

PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

DRAWING TITLE:

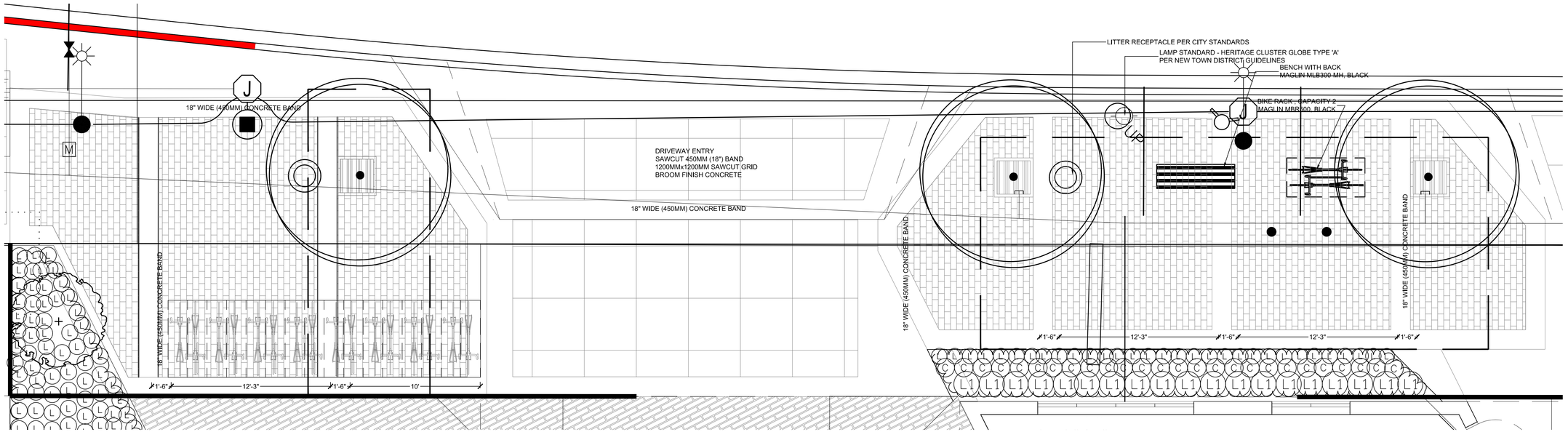
ROOF DECK LANDSCAPE DETAILS

DATE: 19.MAY.31
SCALE: AS SHOWN
DRAWN: BA
DESIGN: BA
CHK'D:

DRAWING NUMBER: **L5**
OF 11

PMG PROJECT NUMBER: **18-196**

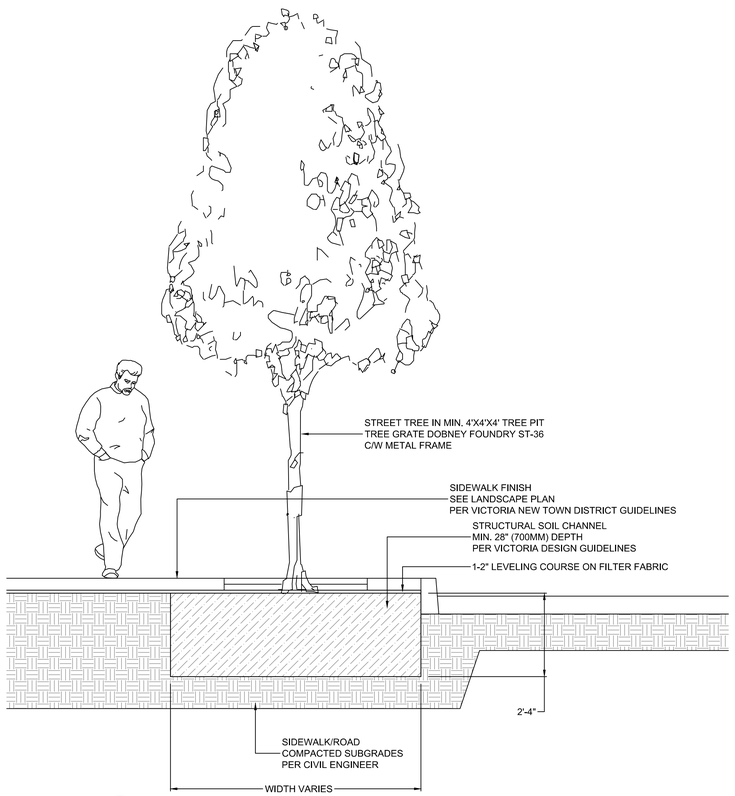
18196-20.ZIP



OFFSITE PAVER AND CONCRETE SIDEWALK LAYOUT
SCALE 1/4" = 1'-0"

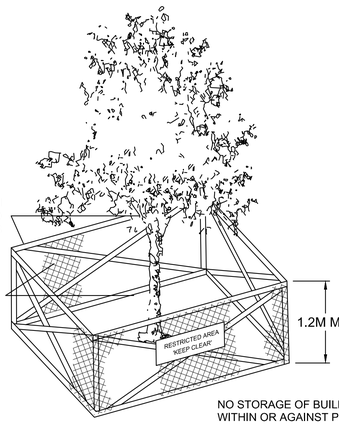


DOBNEY FOUNDRY ST-36 36X36" TREE GRATE W/ FRAME
OFFSITE STREET TREES



16 - **TYP. SECTION THRU STRUCTURAL SOIL CHANNEL**
1/2" = 1'-0"

NOTE: ALL TREES REGARDLESS OF SIZE ARE PROTECTED
IN HIGH ENVIRONMENTALLY SENSATIVE AREAS



TREE PROTECTION DISTANCE TABLE

TRUNK DIAMETRE in cm. @ dbh.*	MINIMUM REQUIRED PROTECTION RADIUS (DISTANCE FROM TRUNK IN METRES)
20	1.2
25	1.5
30	1.8
35	2.1
40	2.4
45	2.7
50	3
55	3.3
60	3.6
75	4.5
90	5
100	6.0

EXTRAPOLATE PROTECTION RADIUS FOR
TREES LARGER THAN 100CM dbh.
*(DIAMETER AT BREAST HEIGHT OR 1.4M FROM GRADE).

NO STORAGE OF BUILDING MATERIALS
WITHIN OR AGAINST PROTECTION BARRIER

17 - **TREE PROTECTION BARRIER**
N.T.S.

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REGISTERED MEMBER
MARYCHANN YIP
LA 177

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-	19.SEP.12	50% BP PROGRESS	BA
-	19.JUL.26	25% BP PROGRESS	BA

CLIENT:

PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

DRAWING TITLE:

LANDSCAPE DETAILS - OFFSITE

DATE: 19.MAY.31
SCALE: AS SHOWN
DRAWN: BA
DESIGN: BA
CHK'D:

DRAWING NUMBER: **L6**
OF 11

PMG PROJECT NUMBER: **18-196**

18196-20.ZIP

PLANT SCHEDULE - GROUND LEVEL SHRUBS

PMG PROJECT NUMBER: 18196

KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
SHRUB				
I	20	ILEX x MESERVEAE 'SCALLYWAG'	SCALLYWAG HOLLY	#3 POT; 60CM
GRASS				
K	50	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	#1 POT
C	337	CAREX OSHIMENSIS 'EVERGOLD'	EVERGOLD JAPANESE SEDGE	#1 POT
VINE				
Y	5	HYDRANGEA PETIOLARIS	CLIMBING HYDRANGEA	#2 POT; 40CM; STAKED
V	16	PARTHENOCISSUS HENRYANA	CHINESE VIRGINIA CREEPER	#3 POT; 75CM; STAKED
PERENNIAL				
L	227	LAVENDULA ANGUSTIFOLIA 'THUMBELINA'	DWARF ENGLISH LAVENDER	15CM POT; #1 POT
GC				
E	42	EQUISETUM HYEMALE	HORSETAIL REED	#1 POT
L1	163	LONICERA NITIDA 'MAY GREEN'	MAY GREEN HONEYSUCKLE	#2 POT; 25CM
X	261	PACHYSANDRA TERMINALIS	JAPANESE SPURGE	#1 POT; 15CM

NOTES: * PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD, LATEST EDITION. CONTAINER SIZES SPECIFIED AS PER CNLA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. * REFER TO SPECIFICATIONS FOR DEFINED CONTAINER MEASUREMENTS AND OTHER PLANT MATERIAL REQUIREMENTS. * SEARCH AND REVIEW: MAKE PLANT MATERIAL AVAILABLE FOR OPTIONAL REVIEW BY LANDSCAPE ARCHITECT AT SOURCE OF SUPPLY. AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND VANCOUVER ISLAND. * SUBSTITUTIONS: OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL. UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF FIVE DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTE. SUBSTITUTIONS ARE SUBJECT TO BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY. * ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD LATEST EDITION. * ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY. * BIO-SOLIDS NOT PERMITTED IN GROWING MEDIUM UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT.

CONTRACTOR TO PROVIDE DESIGN-BUILD HIGH EFFICIENCY IRRIGATION SYSTEM IN CONFORMANCE WITH LOCAL STANDARDS. LANDSCAPE ARCHITECT/CLIENT TO REVIEW DESIGN PRIOR TO INSTALLATION.

SHRUB PLAN NORTH

18196-20.ZIP

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REGISTERED MEMBER
MARYCHANN YIP
2017

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-	19.SEP.12	50% BP PROGRESS	BA
-.	19.JUL.26	25% BP PROGRESS	BA

CLIENT:

PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

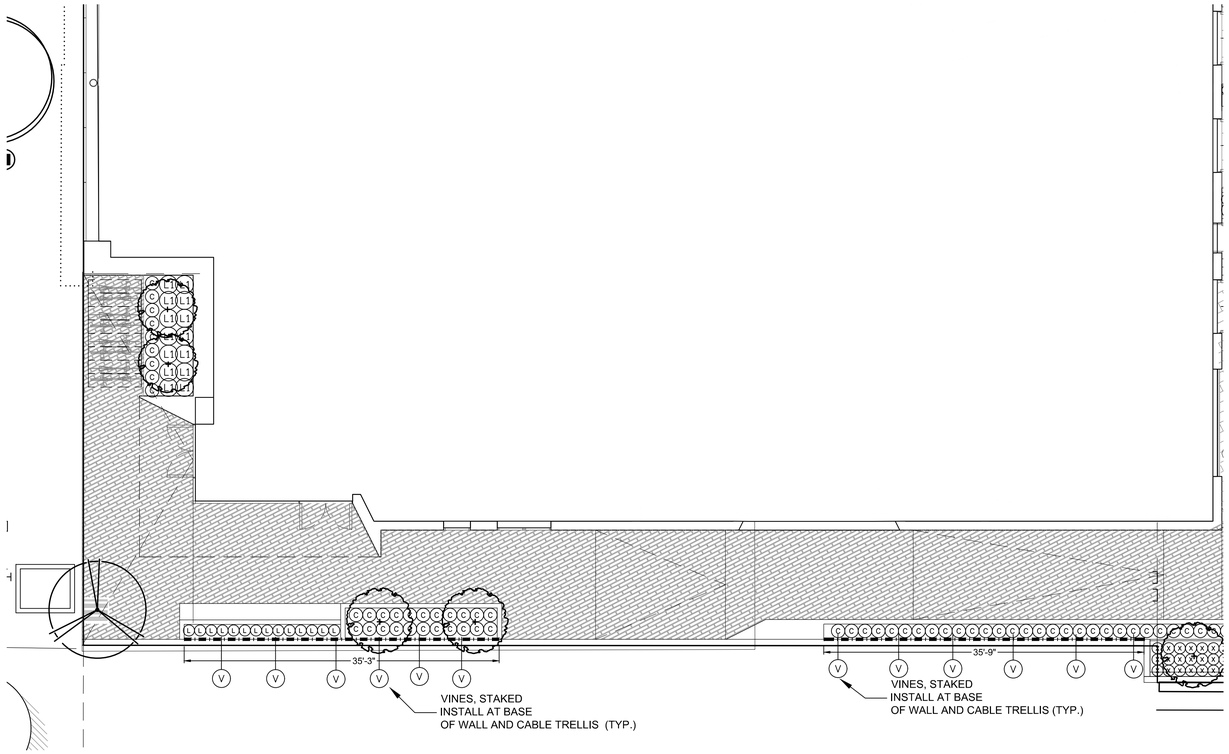
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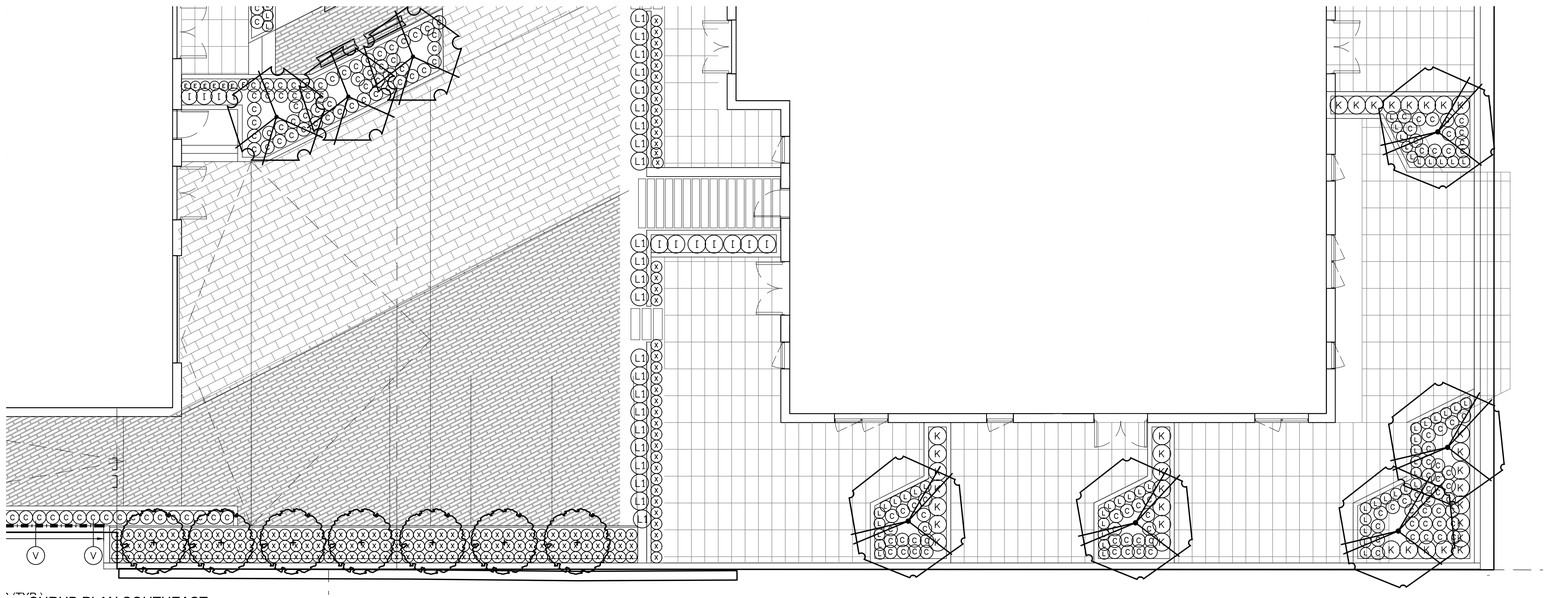
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DESIGN:
CHK'D:

DRAWING NUMBER: **L7** OF 11

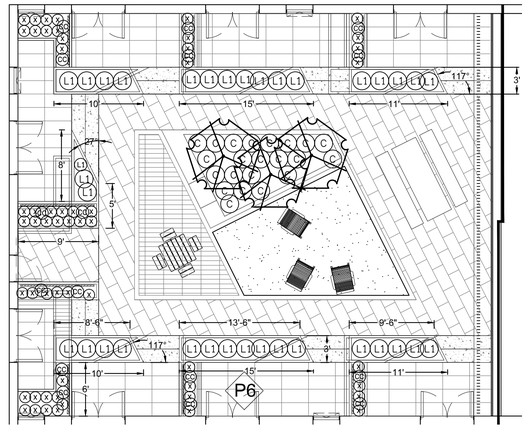
PMG PROJECT NUMBER: **18-196**



SHRUB PLAN SOUTHWEST
SEE SHRUB PLANT LIST ON L7



SHRUB PLAN SOUTHEAST
SEE SHRUB PLANT LIST ON L7



SHRUB PLAN ROOF DECK

PLANT SCHEDULE - ROOF DECK SHRUBS

PMG PROJECT NUMBER: 18196

KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
GRASS				
C	22	CAREX OSHIMENSIS 'EVERGOLD'	EVERGOLD JAPANESE SEDGE	#1 POT
VINE				
CC	16	CLEMATIS ALPINA 'PAMELA JACKMAN'	ALPINE CLEMATIS;	#3 POT; 75CM; STAKED
GC				
L1	35	LONICERA NITIDA 'MAY GREEN'	MAY GREEN HONEYSUCKLE	#2 POT; 25CM
X	55	PACHYSANDRA TERMINALIS	JAPANESE SPURGE	#1 POT; 15CM

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LA 777

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CLIENT:

PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

DRAWING TITLE:

LANDSCAPE SHRUB PLAN

DATE: 19.MAY.31
SCALE: 1/8" = 1'-0"
DRAWN: BA
DESIGN:
CHK'D:

DRAWING NUMBER: **L8**

OF 11

PMG PROJECT NUMBER: **18-196**

18196-20.ZIP

PART ONE GENERAL REQUIREMENTS

1.1 REFERENCES

.1 CCDC Doc 2 2008
Comply with all articles in the General Conditions of Contract in conjunction with this section unless superseded by other Contract Documents.

.2 Canadian Landscape Standard, latest edition, prepared by the Canadian Society of Landscape Architects and the Canadian Landscape & Nursery Association, jointly. All work and materials shall meet standards as set out in the Canadian Landscape Standard unless superseded by this specification or as directed by Landscape Architect with written instruction.

.3 MASTER MUNICIPAL SPECIFICATIONS & STANDARD DETAILS, 2000 edition, prepared by the Consulting Engineers of British Columbia, Roadbuilders and Heavy Construction Association, and the Municipal Engineers Division

.4 STANDARD FOR LANDSCAPE IRRIGATION SYSTEM, 2008: Prepared by the Irrigation Industry Association of British Columbia.

.5 MUNICIPAL BYLAWS AND ENGINEERING SPECIFICATIONS WHERE NOTED.

1.2 TESTING

.1 A current (not more than one month) test for all growing medium to be used on this site is required. Provide and pay for testing by an independent testing facility pre-approved by the Landscape Architect. Deliver growing medium test results to Landscape Architect for review and approval prior to placement. Refer to Section 3.4 Growing Medium Testing for procedure.

.2 Owner reserves the right to test or re-test materials. Contractor responsible to pay for testing if materials do not meet specification.

1.3 SUBMITTALS

.1 Any alternate products differing from that contained in the contract documents must be pre-approved by the Landscape Architect.

.2 Submittals to consist of product sample or manufacturer's product description.

1.4 SITE REVIEW

.1 Under the terms of the Landscape Architect's Contract with the Owner and where the Landscape Architect is the designated reviewer, the Landscape Architect will observe construction as is necessary in their opinion to confirm conformance to the plans and specifications. Contact Owners Representative to arrange for site observation at the appropriate times. Allow two days notice. Observation schedule may include but will not be limited to the following:
1.1 Start Up Site Meeting, General Contract: Prior to any site disturbance, a meeting with the general contractor to review tree preservation issues, general landscape issues and municipal requirements.
1.2 Start Up Site Meeting, Landscape Contract (if separate): At the start of work with Owner's Representative, Site Superintendent and Landscape Contractor; a meeting is to be held to review expected work and to verify the acceptability of the subgrade and general site conditions to the Landscape Contractor. Provide growing medium test results for this meeting.
1.3 Progress Site Visits: To observe materials and workmanship as necessary through the course of the work. Review of different aspects of the work may be dealt with on any single visit. Such elements may include: Site Layout; Rough Grading; Growing Medium - quality, depths, finish grading; Drainage and Drainage Materials; Lawns or Grass areas; Planting -plant material including negotiations with suppliers, nursery inspections, plant sizes, quality, quantity, planting practice and layout, tree support; Mulch; Irrigation Systems; Play Equipment; Site Furniture; and other elements of the site development where the Landscape Architect is the designated reviewer such as: Pedestrian Paving, Fencing, Non-structural walls and slabs; Unit Paving.
1.4 Substantial Performance: Review of all work, accounting of all substitutions, deletions, plant counts, preparations of deficiency list, and recommendations for completion.
1.5 Certificate of Completion: Upon the declaration of Substantial Performance, a recommendation for the issuance of the Certificate of Completion will be made to the Payment Certifier as defined in the contract.
1.6 Deficiency Review: Prior to the completion of the holdback period, check for completion of deficiencies. Once completed, a Schedule 'C' will be issued where required.
1.7 Warranty Review: Prior to the completion of the waranty period (+/- 11 months after issuance of the Certificate of Completion); review all waranty material and report recommendations for warranty replacement.

1.5 WORKMANSHIP

.1 Unless otherwise instructed in the Contract Documents, the preparation of the subgrade shall be the responsibility of the General Contractor. Placement of growing medium constitutes acceptance of the subgrade by the Landscape Contractor. Any subsequent corrections to the subgrade required are the responsibility of the Landscape Contractor.

.2 All work and superintendence shall be performed by personnel skilled in landscape contracting. In addition, all personnel applying herbicides and/or pesticides shall hold a current license issued by the appropriate authorities.

.3 A site visit is required to become familiar with site conditions before bidding and before start of work.

.4 Confirm location of all services before proceeding with any work.

.5 Notify Landscape Architect of any discrepancies. Obtain approval from Landscape Architect prior to deviating from the plans.

.6 Take appropriate measures to avoid excessive material damage. Do not dump any waste materials into water bodies. Conform with all federal, provincial and local statutes and guidelines.

.7 Collect and dispose of all debris and/or excess material from landscape operations. Keep paved surfaces clean and repair damage resulting from landscape work. Repairs are to be completed prior to final acceptance.

.8 Where new work connects with existing, and where existing work is altered, make good to match existing undisturbed condition.

1.6 WARRANTIES

.1 Guarantee all materials and workmanship for a minimum period of one full year from the date of Certificate of Completion.

.2 Refer to individual sections for specific warranties.

PART TWO SCOPE OF WORK

2.1 SCOPE OF WORK

.1 Other conditions of Contract may apply. Confirm Scope of Work at time of tender.

.2 Work includes supply of all related items and performing all operations necessary to complete the work in accordance with the drawings and specifications and generally consists of the following:

2.1 Retention of Existing Trees where shown on drawings.
2.2 Finish Grading and Landscape Drainage.
2.3 Supply and placement of growing medium.
2.4 Testing of imported growing medium and/or site topsoil.
2.5 Supply and incorporation of additives to meet requirements of soil test and Table One.
2.6 Preparation of planting beds, supply of plant material and planting.
2.7 Preparation of rough grass areas, supply of materials and seeding.
2.8 Preparation of lawn areas, supply of materials and sodding.
2.9 Supply and placement of bark mulch.
2.10 Maintenance of planted and seeded/sodded areas until accepted by Owner.
2.11 SEPARATE PRICE: Establishment Maintenance, Section 3.11.
2.12 Other work: Work other than this list, not specified by Landscape Architect.

2.2 MATERIALS

.1 Growing Medium: Conform to Canadian Landscape Standard for definitions of imported and on-site topsoil. Refer to Table One below.

TABLE ONE: PROPERTIES OF GROWING MEDIUM FOR LEVEL 2 GROOMED AND LEVEL 3 MODERATE AREAS
Canadian System of Soil Classification Textural Class: "Loamy Sand" to "Sandy Loam".

Applications	Low Traffic Areas: Trees and Large Shrubs	High Traffic Lawn Areas	Planting Areas and Planters
Growing Medium Types	2L	2H	2P

Texture	Percent Of Dry Weight of Total Growing Medium		
Coarse Gravel: larger than 25mm	0 - 1%	0 - 1%	0 - 1%
All Gravel: larger than 2mm	0 - 5%	0 - 5%	0 - 5%
	Percent Of Dry Weight of Growing Medium Excluding Gravel		
Sand: larger than 0.05mm / smaller than 2.0mm	50 - 80%	70 - 90%	40 - 80%
Silt: larger than 0.002mm / smaller than 0.05mm	10 - 25%	0 - 15%	10 - 25%
Clay: smaller than 0.002mm	0 - 25%	0 - 15%	0 - 25%
Clay and Silt Combined	maximum 35%	maximum 15%	maximum 35%
Organic Content (coast):	3 - 10%	3 - 5%	10 - 20%
Organic Content (interior):	3 - 5%	3 - 5%	15 - 20%
Acidity (pH):	6.0 - 7.0	6.0 - 7.0	4.5 - 6.5
Drainage:	Percolation shall be such that no standing water is visible 60 minutes after at least 10 minutes of moderate to heavy rain or irrigation.		

.2 Fertilizer: An organic and/or inorganic compound containing Nitrogen (N), Phosphate (25), and Potash (soluble 2) in proportions required by soil test.

.3 Lime: Ground agricultural limestone. Meet requirements of the Canadian Landscape Standard.

.4 Organic Additive: Commercial compost product to the requirements of the Canadian Landscape Standard, latest edition and pre-approved by the Landscape Architect. Recommended suppliers: The Answer Garden Products, Fraser Richmond Soils & Fibre, Stream Organics Management.

.5 Sand: Clean, washed pump sand to meet requirements of the Canadian Landscape Standard.

.6 Composted Bark Mulch: 10mm (3/8") minus Fir/Hemlock bark chips and fines, free of chunks and sticks, dark brown in colour and free of all soil, stones, roots or other extraneous matter. Fresh orange in colour bark will be rejected.

.7 Herbicides and Pesticides: If used, must conform to all federal, provincial and local statutes. Appliers must hold current licenses issued by the appropriate authorities in the area.

.8 Filter Fabric: A non biodegradable blanket or other filtering membrane that will allow the passage of water but not fine soil particles. (Such as MIRAFI 140 NL, GEOLON NA0 OR AMOCO 4545 or alternate product pre-approved by the Landscape Architect.)

.9 Drainage Piping if required: Schedule 40 PVC nominal sizes.

.10 Drain Rock: Clean, round, inert, durable, and have a maximum size of 19mm and containing no material smaller than 10mm.

.11 Plant Material: To the requirements of the Canadian Landscape Standard. Refer to 3.9, Plants and Planting. All plant material must be provided from a certified disease free nursery. Provide proof of certification.

.12 Sod: Refer to individual sections in this specification.

.13 Supplier and installers of segmental block walls to provide engineered drawings for all walls: signed and sealed drawings for all walls, individually, in excess of 1.2m, or combinations of walls collectively in excess of 1.2m. Installations must be reviewed and signed off by Certified Professional Engineer; inlcude cost of engineering services in Tender price.

.14 Miscellaneous: Any other material necessary to complete the project as shown on the drawings and described herein.

PART THREE SOFT LANDSCAPE DEVELOPMENT

3.1 RETENTION OF EXISTING TREES

.1 Prior to any work on site - protect individual trees or plant groupings indicated as retained on landscape plans as vegetation retention areas.
1.1 In some instances the Landscape Architect will tag trees or areas to remain. Discuss tree retention areas at a start-up meeting with the Landscape Architect.

.2 A physical barrier must be installed to delineate clearing boundaries. Refer to physical barrier detail. If detail not provided, comply with local municipal requirements.

.3 No machine travel through or within vegetation retention areas or under crowns of trees to be retained is allowed.

.4 Do not stockpile soil, construction materials, or excavated materials within vegetation retention areas.

.5 Do not park, fuel or service vehicles within vegetation retention areas.

.6 No debris fires, clearing fires or trash burning shall be permitted within vegetation retention areas.

.7 No excavations, drain or service trenches nor any other disruption shall be permitted within vegetation retention areas without a review of the proposed encroachment by the Landscape Architect.

.8 Do not cut branches or roots of retained trees without the approval of the Landscape Architect.

.9 Any damage to existing vegetation intended for preservation will be subject to evaluation by an I.S.A. Certified Arborist using the "Guide for Plant Appraisal", Eighth Edition, 1992.
9.1 Replacement planting of equivalent value to the disturbance will be required. The cost of the evaluation and of the replacement planting will be the responsibility of the General Contractor and or the person(s) responsible for the disturbance.

.10 In municipalities with specific tree retention/replacement bylaws ensure compliance to bylaws.

.11 In situations where required construction may disturb existing vegetation intended for preservation, contact Landscape Architect for review prior to commencing construction.

3.2 GRADES

.1 Ensure subgrade is prepared to conform to depths specified in Section 3.5, Growing Medium Supply, below. Where planting is indicated close to existing Trees, prepare suitable planting pockets for material indicated on the planting plan. Shape subgrade to eliminate free standing water and conform to the site grading and drainage plan.

.2 On slopes in excess of 3:1 trench subgrade across slope to 150mm (6") minimum at 1.5m (5 ft.) intervals minimum.

.3 Scarify the entire subgrade immediately prior to placing growing medium. Re-cultivate where vehicular traffic results in compaction during the construction procedures. Ensure that all planting areas are smoothly contoured after light compaction to finished grades.

.4 Eliminate standing water from all finished grades. Provide a smooth, firm and even surface and conform to grades shown on the Landscape Drawings. Do not exceed maximum and minimum gradients defined by the Canadian Landscape Standard.

.5 Construct swales true to line and grade, smooth and free of sags or high points. Minimum slope 2%, maximum side slopes 10%. Assure positive drainage to collection points.

.6 Slope not to exceed the following maximums: Rough Grass 3:1, Lawn 4:1, Landscape plantings 2:1.

.7 Finished soil/mulch elevation at building to comply with municipal requirements.

.8 Inform Landscape Architect of completion of finish grade prior to placement of seed, sod, plants or mulch.

3.3 LANDSCAPE DRAINAGE

.1 Related Work: Growing medium and Finish Grading, Grass areas, Trees Shrubs and Groundcovers, Planters, Crib Walls.

.2 Work Included: Site finish grading and surface drainage. Installation of any drainage systems detailed on landscape plans. Note: Catch basins shown on landscape plans for coordination only, confirm scope of work prior to bid.
2.1 Coordinate all landscape drainage work with rest of site drainage. Refer to engineering drawings and specifications for connections and other drainage work.
2.2 Determine exact location of all existing utilities and structures and underground utilities prior to commencing work, which may not be located on drawings and conduct work so as to prevent interruption of service or damage to them. Protect existing structures and utility services and be responsible for damage caused.
2.3 Planter drains on slab: Refer to Section 3.10, Installing Landscapes on Structures.

.3 Execution
3.1 Do trenching and backfilling in accordance with engineering details and specifications.
3.2 Lay drains on prepared bed, true to line and grade with invert's smooth and free of sags or high points. Ensure barrel of each pipe is in contact with bed throughout full length.
3.3 Commence laying pipe at outlet and proceed in upstream direction.
3.4 Lay perforated pipes with perforations at 8pm and 4pm positions.
3.5 Make joints tight in accordance with manufacturer's directions.
3.6 Do not allow water to flow through the pipes during construction except as approved by Engineer.
3.7 Make watertight connections to existing drains, new or existing manholes or catchbasins where indicated or as directed by Landscape Architect.
3.8 Plug upstream ends of pipe with watertight clean out caps.
3.9 Surround and cover pipe with drain rock in uniform 150mm layers to various depths as shown in details, minimum 100mm.
3.10 Cover drain rock with non-woven filter cloth lap all edges and seams minimum 150mm.
3.11 Assure positive drainage.
3.12 Back fill remainder of trench as indicated.
3.13 Protect subdrains from floatation during installation.

3.4 GROWING MEDIUM TESTING

.1 Submit representative sample of growing medium proposed for use on this project to an independent laboratory. Provide test results to Landscape Architect prior to placing. Test results to include:
1.1 Physical properties, % content of gravel, sand, silt, clay and organics.
1.2 Acidity PH and quantities of lime or sulphur required to bring within specified range.
1.3 Nutrient levels of principle and trace elements and recommendations for required soil amendments.
1.4 Carbon/Nitrogen level.

3.5 GROWING MEDIUM SUPPLY AND PLACEMENT

.1 Supply all growing medium required for the performance of the Contract. Do not load, transport or spread growing medium when it is so wet that its structure is likely to be damaged.

.2 Supply all growing medium admixtures as required by the soil test. Amended growing medium must meet the specification for growing medium as defined in Table One for the various areas.
2.1 Thoroughly mix required amendments into the full depth of the growing medium.
2.2 Special mixes may be required for various situations. Refer to drawing notes for instructions.

.3 Place the amended growing medium in all grass and planting areas. Spread growing medium in uniform layers not exceeding 6" (150mm), over unfrozen subgrade free of standing water.

.4 Minimum depths of growing medium placed and compacted to 80%:
4.1 On-grade:
4.1.1 Seeded and sodded lawn.....6" (150mm)
4.1.2 Mass planted shrubs & groundcovers.....18" (450mm)
4.1.3 Groundcover only areas, if defined on plan.....9" (225mm)
4.1.4 Tree & large shrub pits.....depth to conform to depth of rootball - width shall be at least twice the width of the root ball with saucer shaped sides.
4.2 On-Slab:
4.2.1 Irrigated lawn.....9" (210mm)
4.2.2 Groundcover areas.....12" (300mm)
4.2.3 Lawn without automatic irrigation.....12" (300mm)
4.2.4 Shrub & groundcover areas.....18" (450mm)
4.2.5 Trees and specimen shrubs+.....30" (750mm) over columns and/or edge of slab (verify column locations on-site for tree locations.)
4.2.6 Depth noted includes 1" to 2" (25-50mm) sand over filter fabric.
4.2.7 Maximum 18" depth growing medium except where mounded for trees over column points.

.5 Manually spread growing medium/planting soil around existing trees, shrubs and obstacles.

.6 In perimeter seeded grass areas, feather growing medium out to nothing at edges and blend into existing grades.

.7 Finished grades shall conform to the elevations shown on landscape and site plans.

3.6 ROUGH GRASS AREA - SEEDING

.1 General: Rough grass areas are noted on the drawings as "Rough Grass". Treat all areas defined as rough grass between all property lines of the project including all boulevards to edge of roads and lanes.

.2 Preparation of Surfaces: To Canadian Landscape Standard Class 3 Areas (Rough grass) Section 7.1.1.3
2.1 Clean existing soil by mechanical means of debris over 50mm in any dimension.
2.2 Roughly grade surfaces to allow for maintenance specified and for positive drainage.

.3 Time of Seeding: Seed from early spring (generally April 1st) to late fall (September 15th) of each year. Further extensions may be obtained on concurrence of the Landscape Architect.

.4 Seed Supply & Testing: All seed must be obtained from a recognized seed supplier and shall be No. 1 grass mixture delivered in containers bearing the following information:
4.1 Analysis of the seed mixture
4.2 Percentage of each seed type

.5 Seed Mixture: All varieties shall be rated as strong performers in the Pacific Northwest and are subject to client approval.
70% Creeping Red Fescue
20% Annual Rye
5% Saturn Perennial Rye
5% Kentucky Bluegrass
For Wildflower Areas use a mixture of Wildflowers with Hard Fescues (Terralink Coastal Wildflowers) with Hard Fescue or pre-approved alternate.

.6 Fertilizer: Mechanical seeding: Apply a complete synthetic slow-release fertilizer with maximum 35% water soluble nitrogen and a formulation ratio of 18-18-18 - 50% sulphur urea coated , 112 kg/ha(100lbs/acre) using a mechanical spreader.

.7 Seeding: Apply seed at a rate of 112k/H (100lbs /acre) with a mechanical spreader. Incorporate seed into the top 1/4" (6mm) of soil and lightly compact.

.8 Acceptance: Provide adequate protection of the seeded areas until conditions of acceptance have been met. Comply with Section 3.7 Hydroseeding.

3.7 HYDROSEEDING

.1 May be used as an alternate to mechanical seeding in rough grass areas.

.2 May not be used in areas of lawn unless pre-approved by the Landscape Architect prior to bidding.

.3 Preparation and Growing Medium
3.1 In areas of Rough Grass: Comply with Section 3.6 Rough Grass.
3.2 Where approved for use in areas of lawn, comply with Section 3.8 Lawn Areas - Sodding.

.4 Protection: Ensure that fertilizer in solution does not come in contact with the foliage of any trees, shrubs, or other susceptible vegetation. Do not spray seed or mulch on objects not expected to grow grass. Protect existing site equipment, roadways, landscaping, reference points, monuments, markers and structures from damage. Where contamination occurs, remove seeding slurry to satisfaction of and by means approved by the Landscape Architect

.5 Mulch shall consist of virgin wood fibre or recycled paper fibre designed for hydraulic seeding and dyed for ease of monitoring application. If using recycled paper material for wood fibre substitute use 135% (by weight). Conform to Canadian Landscape Standard for mulch requirements.

.6 Water: Shall be free of any impurities that may have an injurious effect on the success of seeding or may be harmful to the environment.

.7 Equipment: Use industry standard hydraulic seeder/mulcher equipment with the tank volume certified by an identification plate or sticker affixed in a visible view on the equipment. The hydraulic seeder/mulcher shall be capable of sufficient agitation to mix the material into a homogenous slurry and to maintain the slurry in a homogenous state until it is applied. The discharge pumps and gun nozzles shall be capable of applying the materials uniformly over the designated area.

PART THREE SOFT LANDSCAPE DEVELOPMENT - CONT

.8 Application Rate:
8.1 Seed Mixture: 136 kg/ha (125 lbs/acre)
8.2 Fertilizer: 112 kg/ha (100 lbs/acre)
8.3 Coastal Wildflower Mix: Where specified, apply (31 lbs/acre) (1/4 lb.- 1 lb. of grass seed)
8.4 Notes:
8.4.1 At the time of Tender provide a complete chart of all components of the mix proposed including mulch, tackifier, water etc. Sloped sites require tackifier.
8.4.2 Fertilizer:
8.4.2.1 Rough Grass: If a soil analysis is available, comply with results.
8.4.2.2 Lawn: Where hydroseeding is approved, comply with soil analysis recommendations.

.9 Accurately measure the quantities of each of the materials to be charged into the tank either by mass or by a commonly accepted system of mass-calibrated volume measurements. The materials shall be added to the tank while it is being filled with water, in the following sequence; seed, fertilizer. Thoroughly mix into a homogenous slurry. After charging, add no water or other material to the mixture. Do not leave slurry in the tank for more than four (4) hours.

.10 Distribute slurry uniformly over the surface of the area to be hydroseeded. Blend application into previous applications and existing grass areas to form uniform surfaces.

.11 Clean up: Remove all materials and other debris resulting from seeding operations from the job site.

.12 Maintenance: Begin maintenance immediately after seeding and continue for 60 days after Substantial Completion and until accepted by the Owner. Re-seed at three week intervals where germination has failed. Protect seeded areas from damage with temporary wire or twine fences complete with signage until grass area is taken over by the Owner. Water in sufficient quantities to ensure deep penetration and at frequent intervals to maintain vigorous growth until grass is taken over by the Owner. It is the Owner's responsibility to supply water at no extra cost to the Contract.

.13 Acceptance of the Rough Grass Areas: Proper germination of all specified grass species is the responsibility of the Landscape Contractor. The grass shall be reasonably well established, with no apparent dead or bare spots and shall be reasonably free of weeds (To Canadian Landscape Standard, Section 13 Maintenance Level 4 (open space)). Sixty days after substantial completion, areas meeting the conditions above will be taken over by the Owner. Areas seeded in Fall will be accepted in Spring one month after start of growing season, provided that the above conditions for acceptance are fulfilled.

3.8 LAWN AREAS - SODDING

.1 General: Treat all areas defined as lawn areas on the landscape plan between all property lines of the project including all boulevards to edge of roads and lanes.

.2 Growing Medium: Comply with Section 2.2.1, Growing Medium. Prior to sodding, request an inspection of the finished grade, and depth and condition of growing medium by the Landscape Architect.

.3 Time of Sodding: Sod from April 1st to October 1st. Further extensions may be obtained on concurrence of the Landscape Architect.

.4 Sod Supply: Conform to all conditions of Canadian Landscape Standard, Section 8, B.C. Standard for Turfgrass Sod.

.5 Specified Turfgrass by area: Refer to Table 2 below.

TABLE 2 SPECIFIED TURFGRASS BY AREA

Area	Description	Quality Grade	Major Species
CLASS 1	Lawn, all areas noted on drawings as lawn in urban development sites including boulevard grass	No. 1 Premium	Kentucky Blue for sun, Fescues for shade
CLASS 2	Grass - public parks, industrial and institutional sites	No. 2 Standard	same
CLASS 3	Rough Grass	see hydroseeding	
SPECIAL			

.6 Lime: The lime shall be as defined in Section 2.2.3, Materials. Apply at rates recommended in required soil test. Refer to Section 3.4 for method.

.7 Fertilizer: Refer to Section 2.2.2 Materials. Apply specified fertilizer at rates shown in the required soil test. Apply with a mechanical spreader. Cultivate into growing medium 48 hours prior to sodding. Apply separately from lime.

.8 Sodding: Prepare a smooth, firm, even surface for laying sod. Lay sod staggered with sections closely butted, without overlapping or gaps, smooth and even with adjoining areas and roll lightly. Water to obtain moisture penetration of 3" to 4" (7 - 10cm). Comply with requirements of Canadian Landscape Standard Section 8, BC Standard for Turfgrass Sod.

.9 Maintenance: Begin maintenance immediately after sodding and continue for 60 days after Substantial Completion and until accepted by the Owner. Protect sodded areas from damage with temporary wire or twine fences complete with signage until lawn is taken over by the Owner. Water to obtain moisture penetration of 3" to 4" (7-10cm) at intervals necessary to maintain sufficient growth. Keep grass cut at height of between 1-1/2" (4cm) and 2" (5cm). Provide adequate protection of sodded areas against damage until the turf has been taken over by Owner. Repair any damaged areas, re-grade as necessary. Aeration may be required if in the Landscape Architect's opinion, drainage through the sod base medium is impaired.

.10 Acceptance of Lawn Areas: The turf shall be reasonably well established, with no apparent dead spots or bare spots and shall be reasonably free of weeds (To Canadian Landscape Standard, Section 13 Maintenance Level 2 (Appearance). Use herbicides if necessary for weed removal unless other conditions of contract forbid their use. After the lawn has been cut at least twice, areas meeting the conditions above will be taken over by the Owner.

3.9 PLANTS AND PLANTING

.1 Conform to planting layout as shown on Landscape Plans.

.2 Obtain approval of Landscape Architect for layout and preparation of planting prior to commencement of planting operations.

.3 Make edge of beds with smooth clean defined lines.

.4 Time of Planting:
4.1 Plant trees, shrubs and groundcovers only during periods that are normal for such work as determined by local weather conditions when seasonal conditions are likely to ensure successful adaptation of plants to their new location.

.5 Standards:
5.1 All plant material shall conform to the requirements of the Canadian Landscape Standard, latest edition, unless exceeded by drawing Plant Schedule or this specification.
5.1.1 Refer to Canadian Landscape Standard, Section 9, Plants and Planting and in Section 12, BCLNA Standard for Container Grown Plants for minimum standards.
5.1.2 Refer to Plant Schedule for specific plant and container sizes and comply with requirements.
5.2 Plant material obtained from areas with less severe climatic conditions shall be grown to withstand the site climate.

.6 Review:
6.1 Review at the source of supply and/or collection point does not prevent subsequent rejection of any or all planting stock at the site.

.7 Availability:
7.1 Area of search includes the Lower Mainland and Vancouver Island. Refer to Plant Schedule for any extension of area.
7.2 Supply proof of the availability of the specified plant material within 30 days of the award of the Contract.

.8 Substitution
8.1 Obtain written approval of the Landscape Architect prior ro making any substitutions to the specified material. Non-approved substitutions will be rejected.
8.2 Allow a minimum of 5 days prior to delivery for request to substitute.
8.3 Substitutions are subject to Canadian Landscape Standard - definition of Conditions of Availability.

.9 Plant Species & Location:
9.1 Plants shall be true to name and of the height, caliper and size of root ball as shown on the landscape/site plan plant schedule. Caliper of trees is to be taken 6" (15cm) above grade.
9.2 Plant all specified species in the location as shown on the landscape drawings. Notify Landscape Architect if conflicting rock or underground/overhead services are encountered.
9.3 Deviation of given planting location will only be allowed after review of the proposed deviation by the Landscape Architect.

.10 Excavation:
10.1 Trees and large shrubs: Excavate a saucer shaped tree pit to the depth of the rootball and to at least twice the width of the rootball. Assure that finished grade is at the original grade the tree was grown at.

.11 Drainage of Planting Holes:
11.1 Provide drainage of planting pits where required. ie. on sloped conditions, break out the side of the planting pit to allow drainage down slope; and in flat conditions, top of rootball will be flush with finish grade. Notify the Landscape Architect where the drainage of planting holes is limited.

.12 Planting and Fertilizing Procedures:
12.1 Plant all trees and shrubs with the roots placed in their natural growing position. If burlapped, loosen around the top of the ball and cut away or fold under. Do not pull burlap from under the ball. Carefully remove containers without injuring the rootballs. After settled in place, cut twine. For wire baskets, clip and remove top three rows of wire.
12.2 Fill the planting holes by gently firming the growing medium around the root system in 6" (15cm) layers. Settle the soil with water. Add soil as required to meet finish grade. Leave no air voids. When 2/3 of the topsoil has been placed, apply fertilizer as recommended by the required soil test at the specified rates.
12.3 Where planting is indicated adjacent to existing trees, use special care to avoid disturbance of the root system or natural grades of such trees.
12.4 Where trees are in lawn areas, provide a clean cut mulched 900mm (3 ft.) diameter circle centered on the tree.

.13 Staking of Trees:
13.1 Use two 2"x2"x5' stakes, unless superseded by municipal requirements. Set stakes minimum 2 ft. in soil. Do not drive stake through rootball.
13.2 Leave the tree carefully vertical.
13.3 Tie with pre-approved commercial, flat woven polypropylene fabric belt, minimum width 19mm (3/4"). Approved product: ArborTie - available from DeepRoot.
13.4 Coniferous Trees over 6 ft. height : Guy with three 2-strand wires (11 gauge). Drive three stakes equidistant around the tree completely below grade.
13.5 Trees 6 ft + : on Wood or Concrete Decks: Guy as above using three deadmen (min. 2"x2"x4") buried to the maximum possible depth instead of stakes.
13.6 Mark all guy wires with visible flagging material.

.14 Pruning:
14.1 Limit pruning to the minimum necessary to remove dead or injured branches. Preserve the natural character of the plants, do not cut the leader. Use only clean, sharp tools. Make all cuts clean and cut to the branch collar leaving no stubs. Shape affected areas so as not to retain water. Remove damaged material.

.15 Mulching:
15.1 Mulch all planting areas with an even layer of mulch to 2-1/2 - 3" (65 - 75mm) depth. Confirm placement of mulch in areas labeled "Groundcover Area" on drawings. Mulch a 3 ft. (900mm) diameter circle around trees in lawn areas, leave a clean edge.

.16 Acceptance:
16.1 The establishment of all plant material is the responsibility of the Landscape Contractor.

.17 Plant Material Maintenance:
17.1 Maintain all plant material for 60 days after landscape work has received a Certificate of Completion.
17.2 Watering: Conform to Canadian Landscape Standard, Section 13.3.2 - Watering and generally as follows:
17.2.1 Water to supplement natural rainfall such that the soil moisture content is kept to 50% to 100% of field capacity. Water to the full depth of the root zone each time. The Owner is responsible to supply water at no extra cost to the Contract. Confirm source of water prior to beginning work.
17.3 Use appropriate measures to combat pests or diseases damaging plant material. Comply with all local governing statutes and guidelines for chemical control.
17.4 Plant material which fails to survive shall be replaced in the next appropriate season as determined by the Landscape Architect.
17.5 Repair tree guards, stakes, and guy wires, when necessary.
17.6 Maintain areas relatively weed free. (Appearance level 2, Canadian Landscape Standard, Chapter 13).
17.7 Maintain mulch to specified depths.

.18 Plant Warranty:
18.1 Replace all unsatisfactory plant material except those designated "Specimen" for a period of one (1) year after the Certificate of Completion. Replace all unsatisfactory plant material designated "Specimen" for a period of two (2) years after the Certificate of Completion. Replace all unsatisfactory trees and shrubs and continue to replace these until the specified number is complete and satisfactory to the Landscape Architect. Such replacement shall be subject to the nofification, inspection and approval as specified for the original planting, and shall not constitute an extra to the Contract.
18.2 Those Plants, identified as hardy within one zone of the Canada Department of Agriculture tonal class for the area, specified by the Landscape Architect and installed by the Landscape Contractor which are killed through below normal temperatures (below the average of the extreme minimum temperatures officially recorded in the area concerned, in the last 10 years), will not be replaced without cost of replacement borne by the Owner.
18.3 A review may be requested during the latter part of the warranty growing season. All plant material showing well developed foliage, healthy growth and bud forming, will then be taken over.

PART THREE SOFT LANDSCAPE DEVELOPMENT - CONT

.18.4 For all plant material, the Landscape Architect reserves the right to extend the Contractor's responsibility for another growing season if, in his opinion, leaf development and growth is not sufficient to ensure future satisfactory growth.
18.5 Where the Owner is responsible for plant maintenance and has not provided adequate maintenance, the plant replacement section of the contract may be declared void. The Landscape Architect shall determine whether maintenance has been satisfactory using the Canadian Landscape Standard, Section 13, Maintenance as the guide. The required maintenance standard is a minimum of Level Three - Medium. Refer to Section 3.11, Establishment Maintenance.
18.6 The Landscape Contractor is responsible to replace any plant material or repair any construction included in the Contract that is damaged or stolen until the issuance of the Certificate of Completion.
18.7 Deviation from the specifications may require extension of the Warranty Period as determined by the Landscape Architect.

3.10 INSTALLING LANDSCAPE ON STRUCTURES

.1 Verify that drainage and protection material is completely installed and acceptable before beginning work. Contact Landscape Architect for instructions if not in place.

.2 Coordinate work with construction of planters and planter drainage.
2.1 Verify that planter drains are in place and positive drainage to roof drains is present prior to placing any drain rock or soil.

.3 Provide clean out at all through-slab drain locations. Use 300mm min. dia. PVC Pipe filled with drain rock unless specific drawing detail shown.

.4 Install drain rock evenly to a minimum depth of 4" (100mmlor alternate sheet drain if specified. Install sheet drain as per manufacturer's recommendations.

.5 Cover drain rock (or alternate sheet drain if specified on drawing details) with filter fabric lapping 6" (150mm) at all edges. Obtain approval of drainage system prior to placing growing medium.

.6 Place an even layer of 25 - 50mm clean washed pump sand over filter fabric.

.7 Place growing medium to depths specified in Section 3.5 above for various surface treatments. Refer to Drawing details for any light weight filler required to alter grade. Use Styrofoam block over drain rock shaped to provide smooth surface transition at edges. Butt each piece tightly together and cover with filter fabric to prevent soil from migrating downward.

3.11 ESTABLISHMENT MAINTENANCE (Provide a separate price for this section)

.1 Intent: The intent of "establishment" maintenance is to provide sufficient care to newly installed plant material for a relatively short period of time to ensure or increase the long term success of the planting. The objective is the adaptation of plants to a new site in order to obtain the desired effect from the planting while reducing the rate of failure and unnecessary work associated with improper establishment. Establishment of maintenance procedures apply to all new and retained vegetation including cultivated turfgrass areas and new trees and shrubs.

.2 Maintenance Period: Provide maintenance of installed landscaping for 12 months following substantial completion.

.3 Related Standards and Legislation: Canadian Landscape Standard, latest edition; Fertilizer Code., B.C. Pesticide Control Act.

.4 Site Review: In addition to the inspections at substantial completion, at final progress draw application, and at the end of the guarantee period, there should be three other reviews during the 12 months attended by the Contractor and a designated representative of the Owner. Maintain a logbook and reporting procedures and submit to the designated representative.

.5 Scheduling: Prepare a schedule of anticipated visits and submit to designated representative at start-up. Maintenance operations shall be carried out predominately during the growing season between March 1st and November 30th; however visits at other times of the year may be required.

.6 Maintenance Level: Comply with B. C. Landscape Standard, Section 14, Table 14.2, Maintenance Level 2 "Groomed".

.7 Materials: Comply with Part Two of this specification.
7.1 Fertilizers: To the requirements of the Canadian Landscape Standard. Formulations and rates as required by soil testing.

.8 Plant Establishment:
8.1 Watering: During the first growing season, water new plants at least every ten (10) days between April 1st and July 31st, and every twenty (20) days between August 1st and September 15th. Minimum 25 gallons per tree per application. During the second growing season, water new plants at least every twenty days between April 1 and July 31 and once between August 1st and September 31st. Apply water at a rate and duration such that the water content reaches field capacity to the full depth of the growing medium. Apply water again when the water content reaches 25% of field capacity. Provide and irrigate with water in the event that any automatic irrigation system malfunctions or has not been completely installed. Scheduled applications of water shall be missed only when rainfall has penetrated the soil fully as required.
8.2 Mulch: Maintain mulches in the original areas and to the original depths.
8.3 Weed Control: Remove all weeds from all areas at least once per month during the growing season by hoeing or cultivation to a maximum depth of 80mm, hand-pulling, or, if necessary, by the use of herbicides.
8.4 Pest and Disease Control: Inspect all planted areas for pests and diseases periodically and at least every two months during the growing season by an experienced person. Carry out treatment for pests or diseases promptly and consistently for maximum effectiveness. Comply with all B.C. Pesticide Control Act and municipal requirements.
8.5 Tree Support: Maintain stakes, guy wires and ties full growing season. Check ties at least every two months to ensure that they are not causing a depression in the bark. Loosen, repair or replace ties as necessary. Remove all stakes guy wires and ties after the first growing season except where large trees require continuing support in the opinion of the Landscape Architect. All flagging of guy wires shall be visible and in good repair.
8.6 Pruning: Inspect all trees and shrubs at least every two months during the growing season; prune to remove all dead, weak or diseased wood. Maintain the natural shape of the plant. Carry out clipping or shaping only if required in the maintenance contract for specific varieties or conditions.
8.7 Fertilizing: Once during the twelve month period of establishment maintenance fertilize shrubs, trees and groundcovers according to soil analysis requirements.

.9 Grass Areas Establishment:
9.1 Watering: Use hoses and sprinklers, irrigation systems or other methods to apply water to Class 1 and Class 2 grassed areas (Canadian Landscape Standard, Section 7, Lawns and Grasses) such that the grass is maintained in a turgid condition. Supply and irrigate with water in the event of any irrigation system malfunction, or incomplete installation at no expense to the owner. Apply water to prevent packing or erosion of the soil. Apply water at a rate and duration so that the water content in the growing medium reaches field capacity to the full depth of the growing medium. Apply water again when the water content reaches 25% of field capacity.
9.2 Weed, Insect and Disease Control: Inspect grass areas each time they are mowed for weeds, insect pests, and diseases and treat promptly when necessary by appropriate manual methods, or by the use of chemicals in compliance with the B.C.S.L.A./B.C.L.N.A. Landscape Standards latest edition. Kill broadleafed weeds in grassed areas by a general application of a suitable herbicide if the weed population exceeds 10 Broadleaf weeds or 50 annual weeds or weedy grasses per 4.0 square meters. This application shall reduce the weed population to zero.
9.3 Fertilizing: According to soil analysis.
9.4 Liming: According to soil analysis.
9.5 Mowing and Trimming - All areas: The first four cuts shall be a sharp rotary type mower.

PART ONE - GENERAL

1.1 COPYRIGHT

.1 The Structural Soil specification is provided as an instrument of service and remains the property of PMG landscape Architects. The information provided in this specification is for exclusive use by our client for the specific project noted. This information contained in this document may not be reproduced or distributed, in whole or in part, without the permission of PMG Landscape Architects.

1.2 SCOPE OF WORK

.1 The work of this section shall govern the supply of all equipment, materials and labour necessary for the preparing and placing and compacting Structural Soil Mix on a prepared sub grade.

.2 It is the intent that the structural soil mixture will provide the necessary load bearing characteristics for light load hard surface paving areas while allowing and promoting the development of tree roots. The long term goals the promotion of healthy, long lived trees while reducing the potential negative implications of large scale root development under hard surface areas.
.3 Refer to drawings for location and dimension of structural soil mixture.

.4 All other related work as described in the drawings and/or this specification.

1.3 RELATED WORK

.1 Section 02100, Landscape Requirements
.2 Section 02710, Landscape Drainage
.3 Section 02810, Irrigation System
.4 Section 02933, Sodding (Seeding)
.5 Section 02906, Planting Trees, Shrubs, and Groundcover

1.4 RELATED MASTER MUNICIPAL SPECIFICATIONS

.1 Contractor to report all conflicts with civil engineering to Landscape Architect
.2 Section 02210, Site Grading
.3 Section 02223, Excavating, Trenching, and Backfilling
.4 Section 02226, Aggregates and Granular Materials
.5 Section 02666, Waterworks
.6 Section 02721, Storm Sewers
.7 Section 02725, Manholes and Catch Basins

1.5 STANDARDS

.1 BCSLA/BCLNA Landscape Standard (most current edition)

.2 Canadian System of Soil Classification

1.6 QUALITY ASSURANCE

.1 All structural soil material used in street tree planting shall be from a source approved by the Consultant and all similar materials supplied to the site shall be of similar nature and from a single source. 14 days prior to supplying any material to the site, inform the Consultant of proposed source and provide a copy of an analysis undertaken by a recognized testing agency approved by the owner, at the Contractor's expense and indicating the particle size characteristics of the proposed material in written form as laid out in 2.1.1 of this section.

.2 All nutritive admixtures to structural soil material supplied to the site shall be from a source approved by the Consultant and all similar nutritive admixtures supplied to the site shall be of similar nature and from a single source. 14 days prior to supplying any nutritive admixture, inform the Consultant of proposed source and provide a copy of an analysis undertaken by a recognized testing agency approved by the owner. The test report shall quantify and qualify the following characteristics of the proposed nutritive admixture:
2.1 Gravel, sand and fines content each as a % of dry weight mineral
2.2 Organic material content as a percentage of dry weight.
2.3 Acidity (pH)
2.4 Salinity in millimhos/cm at 25 degrees C.
2.5 Basic fertility (total nitrogen available K, Ca, Mg, P.)
2.6 Recommendation for incorporation of necessary amendments.

.3 Provide and pay for all required testing of materials proposed for use on this project. At the Consultant's discretion, all materials may be re-tested. Contractor will be responsible for costs of re-testing if materials do not meet specification and for correction of the deficiency.

.4 Cost of imported materials shall include cost of modifications from source to ensure that these materials meet specifications.

.5 Acceptance of material at source does not preclude future rejection if material fails to conform to requirements specified.

.6 Confirm compaction of subgrade and structural soil by Geotechnical Reports from qualified Geotechnical Engineer.

.7 Aggregate Test:
.7.1 Provide source and sieve designation of intended aggregate material prior to ordering.
.7.2 At the Landscape Architect's discretion, materials may be retested. Contractor is responsible for costs of testing if sample does meet specification and for correction of any deficiency.
.7.3 Submit 2.5kk sample of stone to Landscape Architect prior to mixing. Sample should be labelled to include source of material submitted.

.8 Structural Soil Mix Design:
.8.1 Prepare sample of structural soil mix with proposed mix ratios for approval by Landscape Architect a minimum of 14 days prior to placement. Notify Landscape Architect minimum 2 days prior to mixing samples.
.8.2 Landscape Architects may request additional samples of Structural Soil mixture to be tested in the event that further refinement of the mixture is necessary.

1.7 SCHEDULING

.1 Obtain approval from Consultant of schedule 14 days in advance of structural soil preparation or delivery of material to site. Co-ordination of the installation of the structural soil mixture is critical. Ensure scheduling has been co-ordinated with all consultants and related contractors.

.2 Schedule to include;
2.1 date for commencement of preparation of structural soil at source
2.2 sub grade preparation at site
2.3 shipping dates
2.4 arrival dates on site
2.5 installation dates

.3 Schedule work to co-ordinate with installation of any drainage, irrigation, tree grate footings, lighting, paving etc.

.4 Complete work to ensure tree planting will occur under optimum conditions.

.5 Do not handle or place structural soil mix in rain.

1.8 FIELD REVIEW

.1 Start up meeting with Consultant is required to confirm the areas of installation and mixing. If not previously submitted, ensure growing medium sample and test report, aggregate stone sample and structural soil sample and report are supplied at the Start-up Meeting.

.2 Co-ordinate site meeting with Consultant at the following times
2.1 drainage installation and connection
2.2 irrigation installation
2.3 mixing of structural soil mixture
2.4 installation of structural soil mixture
2.5 sub grade preparation and layout.
2.6 installation of trees

.3 Where materials are installed in phases, it is the contractors responsibility to inform the Consultant of critical installation times for each phase as noted in Section 1.8.2.

1.9 SAMPLES

.1 Provide 2 kg samples of all materials required for the preparation of structural soil minimum 14 days prior to commencement of installation. Samples of all material shall be submitted with test report from approved testing agency as per section 1.3.2. and 1.3.3

1.10 PRODUCT HANDLING

.1 All materials used in the composition of structural soil shall not be prepared, worked or traveled upon when in a wet or frozen condition.

.2 Supply and handle dolomite lime, fertilizer, stabilizer and other chemical amendments in standard, sealed, waterproof containers with net weight and product analysis clearly marked on exterior of package.

1.11 DELIVERY, STORAGE AND PROTECTION

.1 For structural soil prepared at source and delivered to site, deliver all materials to site in such a manner as to prevent damage to or separation of all materials used in the preparation of structural soil.

.2 On-site storage of prepared structural soil shall be undertaken in such a manner as to prevent damage or separation of any materials.

.3 Structural soils to be installed as soon as practicable after mixing, any structural soils stored overnight whether on-site or at source shall be covered with tarpaulin of material approved by the Consultant until such time as materials installed.

.4 All material to be stockpiled shall be protected in accordance With B. C. Ministry of Environment guidelines.

PART TWO - PRODUCTS

2.1 GROWING MEDIUM

.1 TABLE ONE.
.11 Provide all growing medium required to complete the work.
.12 Comply with the requirements of Table 1, below
.13 Organic material in the growing medium must be well decomposed to prevent oxygen consumption caused as a result of decomposition of the organic matter in the soil mixture.

TABLE ONE

PROPERTIES	GROWING MEDIUM FOR GAP-GRADED MIXTURE
TEXTURE: Particle size classes by the Canadian System of Soil Classification	
Gravel: greater than 2mm - less than 75mm	0
Sand: greater than 0.05mm - less than 2mm	maximum 60%
Silt: greater than 0.002 mm - less than 0.05 mm	maximum 35%
Clay: less than 0.002mm	maximum 15%
Clay and Silt Combined	maximum 40%
ACIDITY (Ph):	6.0 - 7.0
DRAINAGE: Minimum saturated hydraulic conductivity (cm/hr) in place.	3.0
SALINITY: Saturated extract conductivity shall not exceed:	3.0 millimhos/cm at 25°C
ORGANIC CONTENT: Percent of Dry Weight (%)	8% - 12%

2.2 AGGREGATE

.1 Clean inert stone of high angularity is preferred over washed gravel.

.2 Stone dimension aspect ratio should approach 1:1:1 with a maximum of 2:1:1 length: width: depth.

.3 Single size stone, 75mm clear sieve designation: Blasted Quarry Rock.

.4 Aggregate to be used for structural soil shall be free of any foreign elements or material. Provide samples and test reports as described in section 1.5 and 1.8

.5 Aggregate quality: Material shall be sound hard, durable, free from soft, thin, elongated or laminated particles, organic material, clay lumps or material, or other substances that would act in a deleterious manner or use intended.

2.3 SOIL STABILIZER

.1 A non-toxic organic binder.
Product: Stabilizer, The Original Natural Binder, as available from Veratec, Aldergrove, BC. 604-607-3002. (Or approved equal)

2.4 GRANULAR BASE

.1 To Master Municipal Specification Section 02226, Aggregates and Granular Materials.

2.5 PAVING MATERIALS

.1 Refer to architectural drawings.

2.6 FILTER FABRIC

.1 Non Woven filter fabric shall be installed as a separation layer directly above the compacted structural soil mixture. Do not install fabric until adequate compaction of the structural soil mixture has been confirmed.

.2 Filter fabric shall be selected and designed to withstand wear and tear during construction without deterioration of its strength and filtering properties. Conform to the following ASTM designations:
- Grab Tensile Strength ASTM-D-4632 .400 kN
- Tensile Elongation ASTM-D-4632 50%
- Mullen Burst ASTM-D-3786 1270 kPa
- Flow Rate ASTM-D-4491 6110 l/min/m^2

.3 Fabric shall be Amoco 4545 or approved equivalent.

PART THREE - EXECUTION

3.1 SUBGRADE

.1 Excavate sub grade to establish tree pit / trench as indicated on contract drawings. Place the structural soil under the paving adjacent to the planting pits, NOT in the planting pits themselves.
.2 Areas designated as structural soil tree pits for street tree planting shall be prepared to ninety-five percent (95%) Modified Proctor Density and shall be free of stones, debris, root branches, toxic materials, building materials and other deleterious materials to the approval of the civil engineer.

3.2 PREPARATION OF EXISTING GRADE

.1 Verify that grades are correct. If discrepancies occur, notify Consultant and do not commence work until directed.

.2 Excavate trench to Master Municipal Specification Section 02223, Trenching, Excavation and Compaction allowing for design depth and width of structural soil mix.
2.1 Refer to contract drawings for areas to be treated and to details for dimensions
2.2 Compact to 95% Modified Proctor Density
2.3 Subgrade elevations shall slope parallel to the finished grades and/or toward the subsurface drain lines as indicated on the civil engineering drawings.

.4 Do not proceed with the installation of the structural soil material until all walls, curbs, and utility work in the area has been installed. Structural elements or design features that are dependent on the structural soil mixture for support may be postponed until after the installation of the mixture.

.5 Re-compact disturbed subgrade to requirements of master municipal specifications and civil engineering drawings.

3.3 SUB DRAINS

.1 Install to requirements of Master Municipal Specifications. Refer to Section 02666, Waterworks, Section 02721, Storm Sewers, and Section 02725, Manholes and Catch Basins
.11 Install prior to installation of the structural soil mixture.
.12 Co-ordinate all contract drainage work with other drainage on-site
.13 Confirm location of storm sewer connections with civil engineer.

3.4 IRRIGATION

.1 Install to requirements of Section 02810, Irrigation System. Refer also to Irrigation Drawings.
.11 Install irrigation main lines in co-ordination with installation of the structural soil. Confirm timing at start-up meeting.
.12 Co-ordinate all contract irrigation work with other civil engineering and drainage on-site
.13 Confirm location of irrigation connections with civil engineer.

3.5 MIXING STRUCTURAL SOIL MATERIAL

.1 Ensure consistent even distribution of all components by thorough mixing. The ratio of components will vary and may require adjustment to ensure the soil volume is adequate to fill all voids in the stone.

.2 Base Ratio of Materials:
- 4 cu metre of aggregate stone section 2.2
- 1.25 cu metre of Growing Medium section 2.1
- 2 kg Stabiliser section 2.3
× Water as required
× The amount of water required will vary according to moisture present in growing medium.

.3 Combine the stone, growing medium and Stabilizer product into a thorough, homogeneous mixture. Moisten mixture with fine spray of clean potable water while mixing to activate Stabilizer product.

3.6 MIXING

.1 Do not OVER MIX, OVER HANDLING can result in separation of the growing medium from the stone. Further and final mixing will occur during the placement of the material.

.2 All mixing shall be performed on a flat hard, level surface approved by the consultant, using the appropriate soil mixing equipment.

.3 Prepare sample Structural Soil Mixes to determine ratio of mix components. Submit sample with test results for approval.

PART THREE - EXECUTION (cont)

3.7 PLACEMENT

.1 Subgrade shall be approved by the Consultant prior to placement of the structural soil mixture.

.2 Structural soil shall be moist, but not saturated with water when placed. Placement shall be handled to avoid damage to drainage structures, irrigation equipment, concrete structure or pavement.

.3 Place Stone mixture in 300mm lifts through entire area of structural soil mixture.

.4 Compact each lift of structural soil material with vibrating drum roller to the satisfaction of the civil engineer.

.5 Provide Geotechnical Report to confirm compaction. Test to ensure uniform, acceptable compaction rates have been achieved for each lift and in all areas of structural soil mixture.
Refer to Quality Assurance, section 1.5

.6 Provide a uniformly firm and level surface allowing for specified depths of road base and / or growing medium to meet finished design grade.

.7 Installation of structural soil in the location of the tree is not recommended. Various techniques such as reinforced wood boxes, steel boxes, large diameter PVC pipe, etc. have been employed to allow for sand to be installed at the tree location with the compacted structural soil surrounding the hole. At the time of tree installation, the sand is removed and growing medium (as per Section 2.1) added to surround the root ball.

3.8 INSTALLATION OF FILTER FABRIC

.1 After approval of structural soil mixture compaction, install Filter Fabric.

.2 Ensure minimum 60cm overlap of all fabric seams and beyond edge of structural soil.

3.9 GRANULAR BASE MATERIAL

.1 Place minimum 75 mm granular base on top of filter fabric over structural soil layer.

.2 Compact granular base to 95% Modified Proctor Density. Compaction must be consistent with other surrounding granular base materials.

.3 All areas shall be graded too the contours and elevations indicated on the contract drawings. Ensure positive drainage.

3.10 PROTECTION

.1 Protect existing conditions from damage or staining and make good any damage.

.2 All damage will be repaired at the expense of the installation contractor.

3.11 TREE PLANTING

.1 Remove structural soil or other backfill material (sand, see comments in section 3.7.7) from the full dimensions of the tree grate area (1.2m x 1.2m x depth of root ball).

.2 Re compact all material below root ball to original specified density to prevent settling of the root ball in the hole.

.3 Ensure tree is planted in the exact centre of the specified planting station straight and true.

.4 Install tree in accordance with BCSLA Landscape Standard. Cut away synthetic root ball twine, cut back improperly sized wire baskets, pull back burlap from around trunk etc.

.5 Backfill with Growing Medium as per Section 2.1. Ensure the same growing medium used in the structural soil mix is installed as backfill material.

.6 Place 50mm depth composted fir/hem bark mulch over the top of the open tree pit area.

3.12 TREE GRATES

.1 Site Furniture and to contract drawings for tree grates, frames and footings.

3.13 ACCEPTANCE

.1 Consultant shall inspect structural soil "in place' and determine acceptance of material, and finish grading prior to paving.

.2 Finish grade shall be to within 15mm of proposed grades within 3.0m of any adjacent fixed elevation and to within 15mm of proposed grades over any other 3.0 length. Finish grades shall not be uniformly high or low.

3.14 SURPLUS MATERIAL

.1 Remove all excess fill soils and mix stock piles and dispose of all waste materials, trash and debris from the site.

.2 Clean up any soil or dirt spilled on any paved surface at the end of each working day.

.3 Upon completion of the structural soil mixture installation. Leave area broom-clean. Avoid washing the area until all of the paving has been completed.

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REGISTERED MEMBER
MARY CHAN YIP
LMBSLA 177

NO.	DATE	REVISION DESCRIPTION	DR.
-	21.DEC.06	RE-ISSUED FOR DP	BA
-	21.NOV.26	RE-ISSUED FOR BP	BA
-	21.OCT.28	OFFSITE FINAL COORDINATION	BA
-	21.MAR.18	HILLSIDE ALIGNMENT COORDINATION	BA
-	21.FEB.10	DDP RESUBMISSION	BA
-	20.OCT.16	ISSUED FOR DDP	BA
-	20.JUN.09	REV. PER CLIENT COMMENTS	BA
-	20.APR.01	CIVIL OFFSITE COORDINATION	BA
-	20.FEB.05	REV. OFFSITE PAVING	BA
-	17.DEC.19	ISSUED FOR BP	BA
-	19.NOV.29	BP 100% COORDINATION	BA
-	19.NOV.15	90% BP	BA
-	19.OCT.31	REV. FOR REZONING AND DP	BA
-	19.OCT.15	NEW SITE PLAN	DD
-	19.SEP.23	DP RE-SUBMISSION	BA
-	19.SEP.12	50% BP PROGRESS	BA
-.	19.JUL.26	25% BP PROGRESS	BA

CLIENT:

PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

DRAWING TITLE:

STRUCTURAL SOIL SPECIFICATION

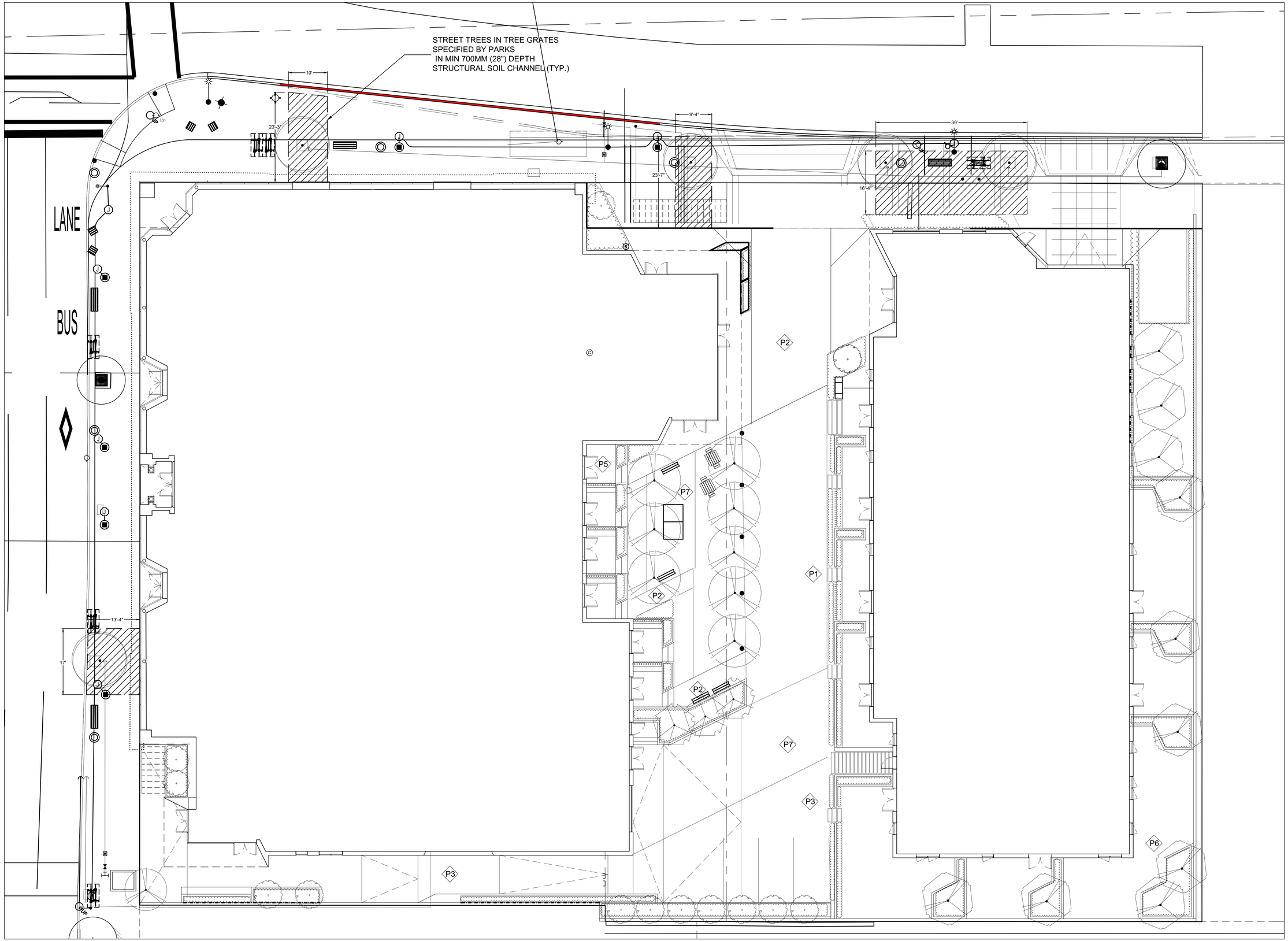
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DRAWN: BA
DESIGN:
CHK'D:

DRAWING NUMBER: **L10**

OF 11

PMG PROJECT NUMBER: **18-196**

18196-20.ZIP



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SEAL:

BRITISH COLUMBIA SOCIETY OF LANDSCAPE ARCHITECTS
REGISTERED MEMBER
MARYCHAN YIP
LA 777

NO.	DATE	REVISION DESCRIPTION	DR.
-	21.DEC.06	RE-ISSUED FOR DP	BA
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-	17.DEC.19	ISSUED FOR BP	BA
-	19.NOV.29	BP 100% COORDINATION	BA
-	19.NOV.15	90% BP	BA
-	19.OCT.31	REV. FOR REZONING AND DP	BA
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-	19.SEP.23	DP RE-SUBMISSION	BA
-	19.SEP.12	50% BP PROGRESS	BA
-	19.JUL.26	25% BP PROGRESS	BA

CLIENT:

PROJECT:

THE SCOTT BUILDING

DOUGLAS ST & HILLSIDE AVE
VICTORIA, BC

DRAWING TITLE:

STRUCTURAL SOIL LAYOUT

DATE: 19.MAY.31
SCALE: 1/8" = 1'-0"
DRAWN: BA
DESIGN: BA
CHK'D:

DRAWING NUMBER: **L11** **OF 11**

PMG PROJECT NUMBER: **18-196**

18196-20.ZIP

APLIN MARTIN

ENGINEERING ARCHITECTURE PLANNING SURVEYING

DRAFT

EGBC Permit to Practice Number #1001018
Aplin & Martin Consultants Ltd.
#104 - 6596 Applecross Road, Nanaimo, BC, Canada V9V 0A4
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CLIENT:

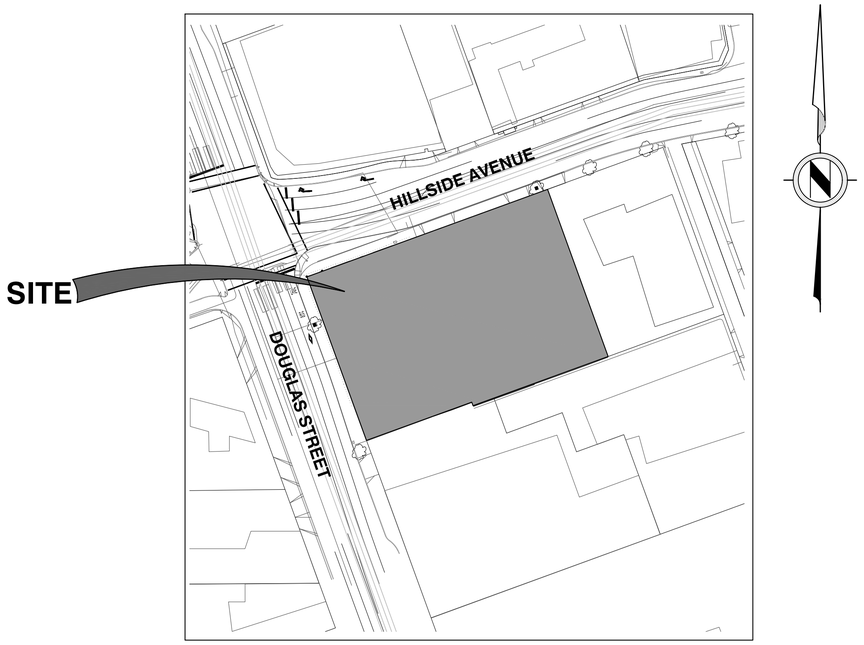
PRIMEX INVESTMENTS

C/O: SUMMIT BROOKE CONSTRUCTION
104 - 31324 PEARDONVILLE ROAD, ABBOTSFORD B.C.
Tel: (604) 850-1111

PROJECT:

THE SCOTT BUILDING

2659 DOUGLAS ST & 735 HILLSIDE AVE, VICTORIA, BC



SITE LOCATION PLAN

NOT TO SCALE

DRAWING INDEX

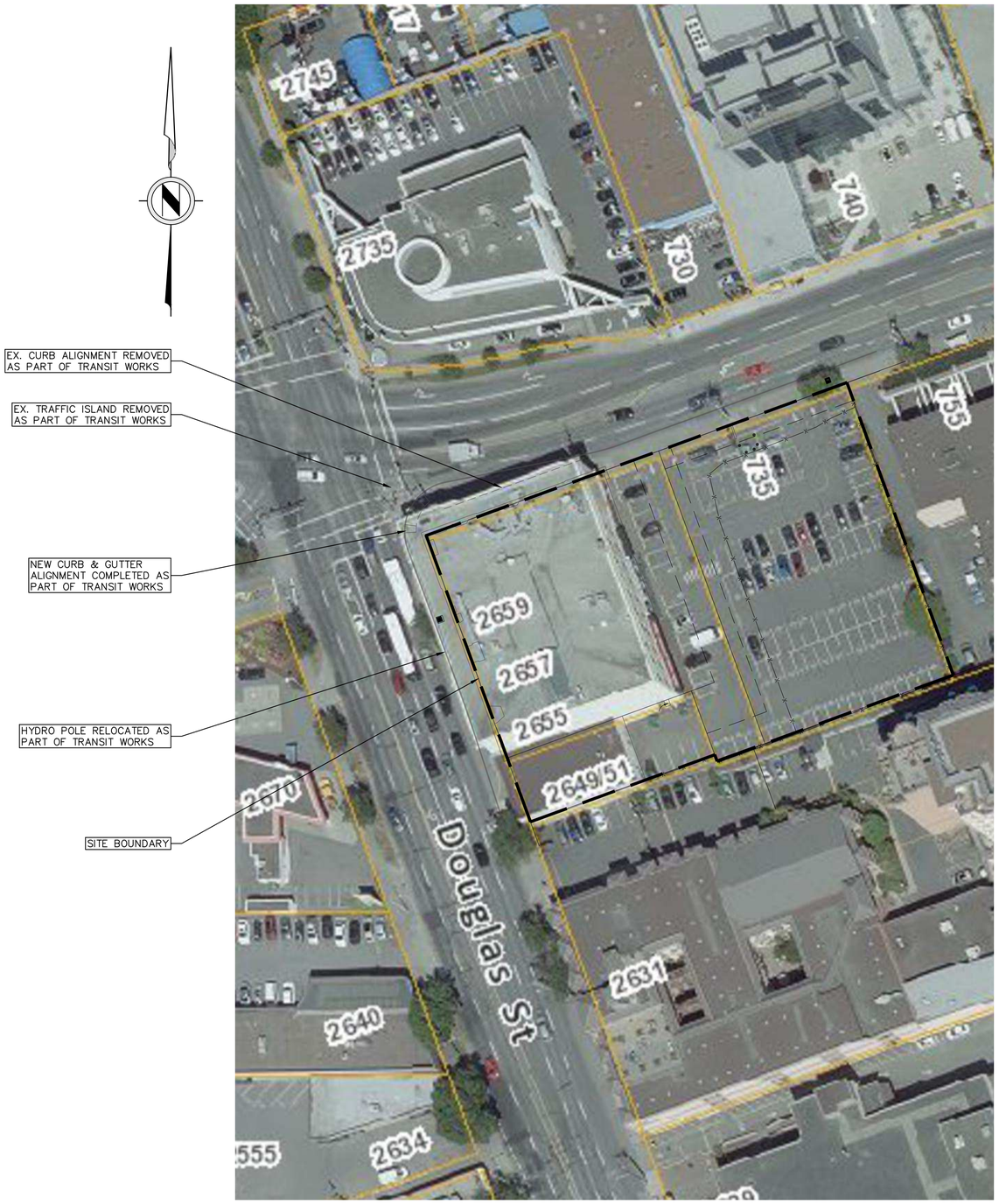
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17-147-00	15	COVER SHEET
17-147-01	15	KEY PLAN & GENERAL NOTES
17-147-02	15	GRADING PLAN
17-147-03	15	SERVICING PLAN
17-147-04	15	SERVICING PROFILES - STORM AND SANITARY
17-147-05	15	SERVICING PROFILES - DOMESTIC WATER
17-147-06	15	SERVICING PROFILES - FIRE WATER
17-147-07	15	TRANSIT STOP AND PAVEMENT MARKINGS PLAN
17-147-08	15	THIRD PARTY UTILITY COORDINATION PLAN

MUNICIPAL PROJECT No. **BP056054**

APLIN & MARTIN PROJECT No. **17-147**

NOT FOR CONSTRUCTION

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GENERAL

1. ALL OFFSITE WORKS TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) SPECIFICATIONS AND STANDARDS, AND THE CITY OF VICTORIA SUBDIVISION AND DEVELOPMENT SERVICING BYLAW NO. 12–072 SCHEDULE B – SUPPLEMENTARY SPECIFICATIONS. THE CITY OF VICTORIA BYLAW SHALL TAKE PRECEDENCE ON ANY DISCREPANCIES, UNLESS OTHERWISE DIRECTED.
2. ALL ONSITE WORKS TO BE IN ACCORDANCE WITH THE BRITISH COLUMBIA BUILDING CODE 2018, AND THE CITY OF VICTORIA SUBDIVISION AND DEVELOPMENT SERVICING BYLAW NO. 12–072 SCHEDULE B – SUPPLEMENTARY SPECIFICATIONS. THE CITY OF VICTORIA BYLAW SHALL TAKE PRECEDENCE ON ANY DISCREPANCIES, UNLESS OTHERWISE DIRECTED.
3. ANY REVISIONS TO THESE DRAWINGS SHALL BE APPROVED BY THE CITY'S REPRESENTATIVE. CONSTRUCTION SHALL NOT COMMENCE PRIOR TO THE APPROVAL OF THESE DRAWINGS BY THE CITY'S REPRESENTATIVE.
4. THE CONTRACTOR SHALL OBTAIN THE CITY'S PERMIT TO WORK WITHIN THE ROAD ALLOWANCE A MINIMUM OF 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
5. THE CONTRACTOR SHALL SUBMIT PROOF OF CONTRACTOR LIABILITY INSURANCE TO THE CITY'S REPRESENTATIVE AS PER THE CITY'S SPECIFICATIONS.
6. ALL BUILDINGS & ROADS ARE TO BE LOCATED BY COORDINATES AS CALCULATED BY A B.C. LAND SURVEYOR.
7. THE CONTRACTOR MUST CONTACT THE ENGINEER PRIOR TO CONSTRUCTION TO SCHEDULE AN ONSITE PRE CONSTRUCTION MEETING DURING WHICH CONSTRUCTION METHODS, TIMING AND INSPECTION WILL BE DISCUSSED.
8. CONTRACTOR TO VERIFY THE LOCATION AND INVERTS OF EXISTING WATER, STORM AND SANITARY CONNECTIONS IN THE VICINITY OF THE SITE. REPORT TO THE ENGINEER ANY DISCREPANCIES PRIOR TO START OF CONSTRUCTION
9. ALL OR ANY EXISTING UNDERGROUND UTILITES ARE NOT NECESSARILY SHOWN. EXISTING UNDERGROUND UTILITIES SHALL BE LOCATED AND ALL UTILITY COMPANIES CONTACTED PRIOR TO INSTALLING ANY NEW UNDERGROUND SERVICES.
10. THE CONTRACTOR'S SURVEYOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL LEGAL SURVEY DIMENSIONS SHOWN ON THE DRAWINGS AGREE WITH THOSE ON THE REGISTERED LEGAL SURVEY PLAN. SHOULD THERE BE ANY DISCREPANCIES, THE CONSULTING ENGINEERING FIRM SHALL BE NOTIFIED IMMEDIATELY.
11. WORKSAFE BC SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE REGISTERED WITH WORKSAFE BC AND SHALL SUBMIT PROOF OF REGISTRATION TO THE TOWN'S REPRESENTATIVE. ALL WORK SHALL CONFORM TO ALL APPLICABLE REGULATIONS OF WORKSAFE BC.
12. ALL DIMENSIONS SHALL BE IN METRIC UNLESS OTHERWISE NOTED. METRES SHALL BE EXPRESSED IN DECIMALS, MILLIMETERS IN WHOLE NUMBERS. FIGURED DIMENSIONS SHALL GOVERN OVER SCALED DIMENSIONS.
13. THE CONTRACTOR SHALL PREPARE AND SUBMIT THE FOLLOWING PLANS TO THE CITY'S REPRESENTATIVE FOR REVIEW AND ACCEPTANCE PRIOR TO CONSTRUCTION COMMENCING.
    * TRAFFIC MANAGEMENT PLAN.
    * EROSION AND SEDIMENT CONTROL PLAN FOR CONSTRUCTION.
    * TREE PRESERVATION PLAN.
14. SHOULD A SURVEY MONUMENT BE DESTROYED OR DAMAGED DURING CONSTRUCTION, THE CITY OF VICTORIA'S SURVEY SECTION WILL ADMINISTER THE RE–ESTABLISHMENT OF THE MONUMENT AT THE CONTRACTOR'S EXPENSE. THIS ALSO PERTAINS TO MONUMENTS THAT REQUIRE RAISING OR RELOCATING. THE CONTRACTOR SHALL NOTIFY THE CITY'S REPRESENTATIVE OF ANY DISTURBANCES TO SURVEY MONUMENTS IN ADVANCE OF WORK IN THE AREA.
17. ALL TYPICAL TRENCH SECTION DETAILS TO FOLLOW MMCD SPECIFICATION DRAWING G4, UNLESS OTHERWISE NOTED BY THE CITY'S REPRESENTATIVE.
18. WHERE A TRENCH IS UNDER OR WITHIN 1.0 METRES OF THE ROADWAY OR DRIVEWAY EDGE, FULL DEPTH GRANULAR BACKFILL SHALL BE USED.
19. AFTER CONSTRUCTION, WORK AREAS AND EXISTING FEATURES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER.
20. ALL SURPLUS MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL APPLICABLE GUIDELINES AND REGULATIONS.
21. THE ENGINEER OF RECORD SHALL SUBMIT AS–CONSTRUCTED DRAWINGS TO THE CITY'S REPRESENTATIVE.
22. THE CONTRACTOR SHALL EMPLOY APPROPRIATE EROSION & SEDIMENT CONTROL MEASURE, APPROVED BY THE CITY'S REPRESENTATIVE TO PREVENT SILT DISCHARGES TO THE STORM DRAINAGE SYSTEM AND WATERCOURSES. REGULAR, ONGOING INSPECTION OF SEDIMENT CONTROL SHALL BE CARRIED OUT TO ENSURE CONTINUOUS PROTECTION.

STORM SEWER

1. DO NOT PLUG OR ABANDON AN EXISTING STORM DRAINAGE CONNECTION WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.
2. ALL EXISTING CULVERTS AND STORM DRAIN SYSTEMS THAT ARE TO BE ABANDONED SHALL BE INSPECTED FOR EXISTING STORM SERVICE LEADS. ALL EXISTING LEADS ARE TO BE CONNECTED TO THE NEW STORM SEWER SYSTEM.
3. ALL PIPING AND RELATED APPURTENANCES TO BE INSPECTED AND APPROVED PRIOR TO BACKFILLING OF TRENCH.
4. ALL STORM SEWER AND BEDDING MATERIALS TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MASTER MUNICIPAL CONTRACT DOCUMENTS (MMCD) REQUIREMENTS, UNLESS OTHERWISE NOTED.
5. ALL MANHOLES ARE TO BE A MINIMUM OF 1050mm DIAMETER UNLESS OTHERWISE NOTED.
6. ALL STORM PIPES TO BE PVC SDR35.
7. THE CONTRACTOR SHALL CONFIRM THE LOCATION AND INVERTS OF EXISTING STORM SEWER CONNECTIONS PRIOR TO CONSTRUCTION.
8. CATCHBASIN RIM ELEVATIONS GIVEN ARE THE ELEVATION OF THE SURFACE INLET.
9. TIE–INS OF PROPOSED MAINS TO EXISTING STORM SEWER MAINS SHALL BE INSPECTED BY CITY'S REPRESENTATIVE.
10. ALL STORM DRAIN SERVICE CONNECTIONS SHALL BE MINIMUM 100mm IN DIAMETER.
11. THE CONTRACTOR SHALL VIDEO INSPECT ALL COMPLETED STORM DRAIN LINES ON PUBLIC AND PRIVATE PROPERTY FOLLOWING COMPLETION OF INSTALLATION. VIDEO REPORTS SHALL BE SUBMITTED TO THE CITY'S REPRESENTATIVE. SHOULD THE VIDEO INDICATE APPARENT DEFICIENCIES, ADDITIONAL TESTING AND/OR REPLACEMENT SHALL BE REQUIRED AT THE DIRECTION OF THE CITY'S REPRESENTATIVE. AT THE CONTRACTOR'S EXPENSE. ALL STORM DRAIN LINES, CATCH BASINS, MANHOLES, ETC., SHALL BE CLEANED THOROUGHLY UPON COMPLETION OF CONSTRUCTION. AT THE END OF THE ONE–YEAR WARRANTY PERIOD, ALL LINES SHALL AGAIN BE VIDEO INSPECTED AND THE RESULTS SUBMITTED TO THE CITY'S REPRESENTATIVE.

SANITARY SEWER

1. ALL PIPING AND RELATED APPURTENANCES TO BE INSPECTED AND APPROVED PRIOR TO BACKFILLING OF TRENCH.
2. ALL SANITARY SEWER MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD), UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL COMPLETE AND SUBMIT THE CITY'S APPLICATION FOR SANITARY SEWER CONNECTION DOCUMENT FOR ALL REQUIRED SANITARY SEWER CONNECTIONS TO THE CITY'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. THE CONTRACTOR SHALL CONFIRM THE LOCATION AND INVERTS OF EXISTING SANITARY SEWER CONNECTIONS PRIOR TO CONSTRUCTION.
5. NEW SEWER LINES TIED INTO EXISTING LINES SHALL BE PLUGGED UNTIL THEY ARE TESTED AND FLUSHED.
6. TIE–INS OF PROPOSED MAINS TO EXISTING SANITARY SEWER MAINS SHALL BE INSPECTED BY THE CITY'S REPRESENTATIVE.
7. FOR EXISTING PIPES OR SERVICE CONNECTIONS THAT ARE TO BE ABANDONED, THE CONTRACTOR SHALL CAP ENDS AND FILL WITH CDF OR APPROVED ALTERNATIVE, AS DIRECTED BY THE CITY'S REPRESENTATIVE. EVIDENCE OF THIS (SUCH AS WITH PHOTOGRAPHS), SHALL BE PROVIDED TO THE CITY'S REPRESENTATIVE PRIOR TO BACKFILL. THE ABANDONED PIPE SHALL BE NOTED ON THE AS–CONSTRUCTED DRAWING.
8. TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH INSPECTION AUTHORIZED BY THE CITY'S REPRESENTATIVE.
9. THE CONTRACTOR SHALL VIDEO INSPECT ALL COMPLETED SANITARY SEWER LINES ON PUBLIC AND PRIVATE PROPERTY FOLLOWING COMPLETION OF INSTALLATION. VIDEO REPORTS SHALL BE SUBMITTED TO THE CITY'S REPRESENTATIVE. SHOULD THE VIDEO INDICATE APPARENT DEFICIENCIES, ADDITIONAL TESTING AND/OR REPLACEMENT SHALL BE REQUIRED AT THE DIRECTION OF THE CITY'S REPRESENTATIVE, AT THE CONTRACTOR'S EXPENSE. ALL SANITARY SEWER LINES, MANHOLES, ETC, SHALL BE CLEANED THOROUGHLY UPON COMPLETION OF CONSTRUCTION. AT THE END OF THE ONE–YEAR WARRANTY PERIOD ALL LINES SHALL AGAIN BE VIDEO INSPECTED AND THE RESULTS SUBMITTED TO THE CITY'S REPRESENTATIVE.

WATER

1. ALL WATER & BEDDING MATERIALS TO MEET MMCD & BC PLUMBING CODE 2018 REQUIREMENTS.

ROADWORKS AND SIDEWALKS:

1. LOOSE OR ORGANIC MATERIALS SHALL BE EXCAVATED FROM ROADWAY.
2. SUB–BASE AND GRANULAR BASE MATERIALS SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY AS REQUIRED.
3. ALL PAVEMENT RESTORATION TO FOLLOW MMCD SPECIFICATION DRAWING G5.
4. EXISTING AND PROPOSED APPURTENANCES SUCH AS VALVE BOXES, MANHOLES, CATCH BASINS, ETC. SHALL BE ADJUSTED TO FINISHED GRADE.
5. THE CONDITIONS FOR PLACING ASPHALT PAVEMENT AND CONCRETE SHALL BE IN ACCORDANCE WITH MMCD SPECIFICATIONS AND STANDARD DETAIL DRAWINGS APPLICABLE AT THE TIME OF CONSTRUCTION. WEATHER CONDITIONS SHALL ALSO BE IN CONFORMANCE WITH MMCD SPECIFICATIONS. SHOULD DEVIANCES BE ALLOWED FROM THESE SPECIFICATIONS BY THE CITY'S REPRESENTATIVE, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THEIR WORKMANSHIP.

NOT FOR CONSTRUCTION

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LEGAL DESCRIPTION: LOT A & B, SECTION 4, VICTORIA DISTRICT, PLAN VIP81776

BENCHMARK MONUMENT NO.:24–48 ELEVATION:16.785m DATUM:CGVD28
LOCATED AT: &

REV. NO.	DESCRIPTION	DR	CH	DATE	APP
11	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021JAN12	SL
12	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021NOV10	SL
13	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021NOV22	SL
14	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021NOV26	SL
15	RE–ISSUED FOR DEVELOPMENT PERMIT	JP	SL	2022JAN06	SL

APLIN MARTIN
ENGINEERING ARCHITECTURE PLANNING SURVEYING
EGBC Permit to Practice Number #1001018
Aplin & Martin Consultants Ltd.
#104 - 6596 Applecross Road, Nanaimo, B.C. Canada V9V 0A4
Tel: (778) 841-0484, Fax: (604) 597-9061, Email: general@aplinmartin.com

CLIENT: **PRIMEX INVESTMENTS**
C/O: SUMMIT BROOKE CONSTRUCTION LTD.
104 - 31324 PEARDONVILLE ROAD, ABBOTSFORD B.C.
Tel (604) 850-1111

PROJECT: **THE SCOTT BUILDING**
2659 DOUGLAS ST & 735 HILLSIDE AVE, VICTORIA, BC

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA S. A. LEWIS #23811
Permit to Practice #1001018
2022-01-08

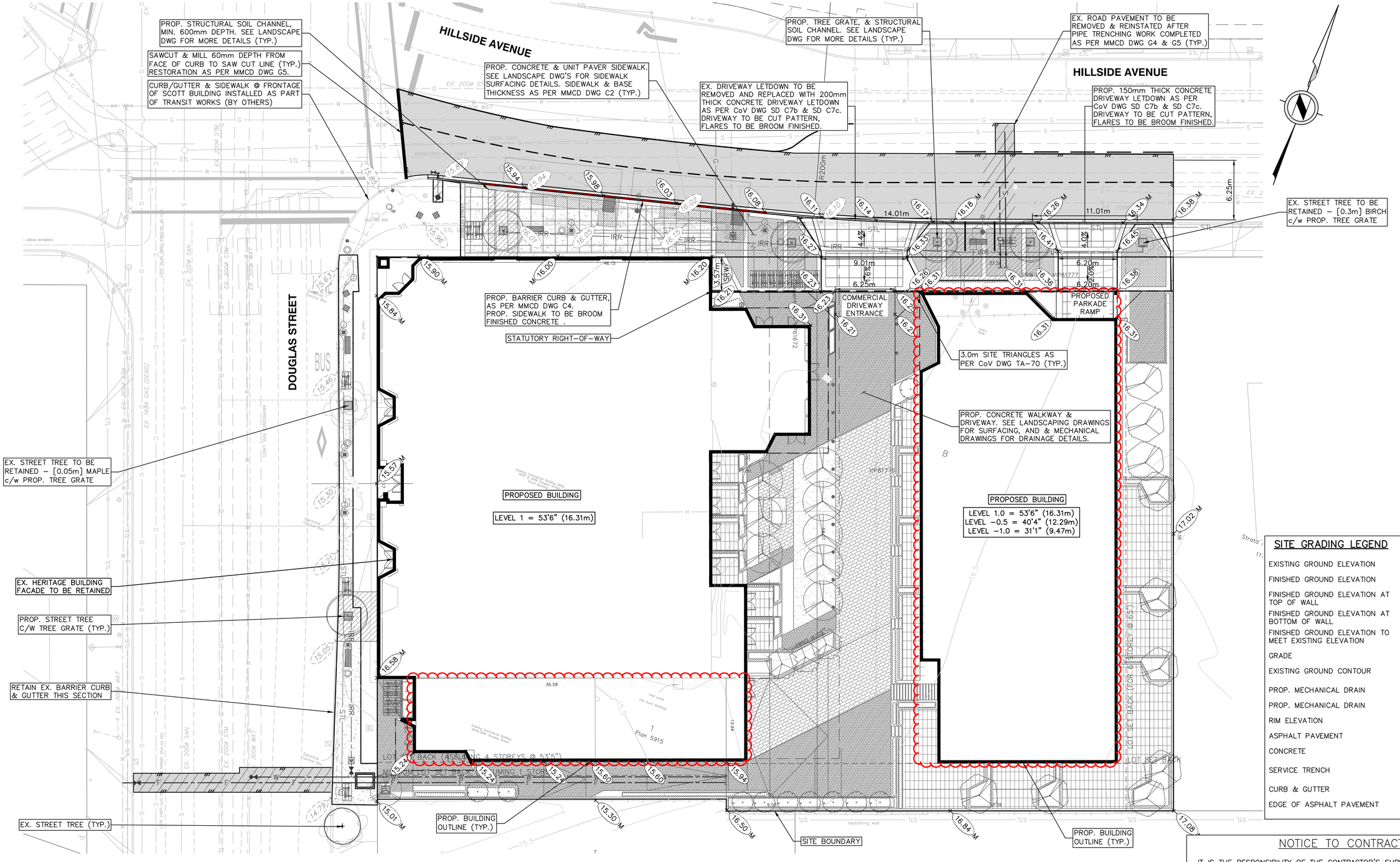
The location of existing underground utilities are shown in an approximate way only & have not been independently verified by the owner or its representative. The contractor shall determine the exact location of all existing utilities before commencing work, and agrees to be fully responsible for any and all damages which might be occasioned by the contractor's failure to exactly locate and preserve any and all underground utilities.

TITLE: **KEY PLAN & GENERAL NOTES**

DESIGN: VG/GR CHECK: SL
DRAWN: VG/GR APPR: SL
A & M FILE: **17-147**
PROJECT NO. **BP056054**
SCALE: HORZ. 1:500 VERT. N/A
DRAWING DATE: **SEPTEMBER, 2018**
DRAWING NO. **.**
A & M DRAWING NO. **17-147- 01**
SHEET NO. **01 OF 08**
REV. **15**

0 5 10m 25m

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LEGAL DESCRIPTION: LOT A & B, SECTION 4, VICTORIA DISTRICT, PLAN VIP81776

BENCHMARK MONUMENT NO.:24-48 ELEVATION:16.785m DATUM:CGVD28
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REV. NO.	DESCRIPTION	DR	CH	DATE	APP
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14	RE-ISSUED FOR BUILDING PERMIT	JP	SL	2021NOV26	SL
15	RE-ISSUED FOR DEVELOPMENT PERMIT	JP	SL	2022JAN06	SL

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Tel (604) 850-1111

PROJECT: **THE SCOTT BUILDING**
2659 DOUGLAS ST & 735 HILLSIDE AVE, VICTORIA, BC

PROFESSIONAL ENGINEER S. A. LEWIS #29811 PROVINCE OF BRITISH COLUMBIA
Permit to Practice #1001018
2022-01-08

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TITLE: **GRADING PLAN**

DESIGN: VG/GR CHECK:SL
DRAWN: VG/GR APPR: SL
A & M FILE: **17-147**
PROJECT NO. **BP056054**
SCALE: HORZ. 1:200 VERT. N/A
DRAWING DATE: **SEPTEMBER, 2018**
DRAWING NO. **.**
A & M DRAWING NO. **17-147- 02**
SHEET NO. **02 OF 08**
REV. **15**

0 2 1:200 10m

EX. BC HYDRO POLE TO BE RELOCATED AS PER BC HYDRO DRAWINGS.

BC HYDRO TO PROVIDE POWER TO FUT. BUS STOP SHELTER (BC TRANSIT TYPE T4)

PROP. IRRIGATION SERVICE AS PER BYLAW 12–042 c/w:
1 – ISOLATION VALVE BOX
1 – BOULEVARD METER BOX

EX. FIRE HYDRANT TO BE RELOCATED

PROP. 200ø SANITARY SEWER TO CONNECT TO EX. 200ø SANITARY MAIN AS PER MMCD S7

EX. CATCH BASIN INSTALLED AS PART OF TRANSIT WORKS TO REMAIN IN PLACE, RIM TO BE ADJUSTED AS REQUIRED.

PROP. 200ø HYDRANT LEAD TO BE CONNECTED TO 300ø WATERMAIN C/W 200ø GATE VALVE

PROP. RELOCATED FIRE HYDRANT

HILLSIDE AVENUE

BP: 6+977.14

BP: 7+977.14

PROP. 200ø STORM SEWER TO CONNECT TO EX. 200ø STORM MAIN AS PER MMCD DWG S7

PROP. BC HYDRO POLE RELOCATION c/w ROOT BARRIERS AS PER SECTION H OF BC HYDRO UNDERGROUND CIVIL MANUAL ES54

EX. CATCH BASIN TO REMAIN IN PLACE, RIM TO BE ADJUSTED AS REQUIRED.

EX. STREET TREE TO BE RETAINED – [0.3m] BIRCH c/w PROP. TREE GRATE

39.5m UNOBSTRUCTED DISTANCE FROM HYDRANT TO F.D.C.

6.39m HYDRANT

18.14m STM

17.54m SAN

EX. WATER SERVICE CONNECTION TO REMAIN

PROP. GAS METER BY OTHERS

EX. STORM SERVICE CONNECTION TO REMAIN

PROP. BC HYDRO SERVICE DUCTS AS PER ELECTRICAL DESIGN. TRANSFORMER INSIDE BUILDING

PROP. FIRE DEPARTMENT CONNECTION

STATUTORY RIGHT–OF–WAY

PROP. 100ø PVC IRRIGATION SLEEVE (TYP.)

PROP. SHAW AND TELUS DUCTS AS PER SHAW AND TELUS DESIGNS

PROP. 1.45m 200ø PVC SDR 35 STM @ 1.37% IC AT PL AS PER MMCD STD DWG S9 INV AT CAP = 14.320

PROP. 1.44m 200ø PVC SDR 35 SAN @ 5.42% IC AT PL AS PER MMCD STD DWG S9 INV AT CAP = 14.320

EX. STORM SERVICE CONNECTION TO REMAIN

DOUGLAS STREET

LANE

BUS

EX. STREET TREE TO BE RETAINED – [0.05m] MAPLE c/w PROP. TREE GRATE

PROPOSED BUILDING

LEVEL 1 = 53'6" (16.31m)

EX. SANITARY SERVICE CONNECTION TO REMAIN

EX. HERITAGE BUILDING FACADE TO BE RETAINED

PROP. STREET TREE C/W TREE GRATE (TYP.)

PROP. STREETLIGHTS AS PER STREET LIGHTING DRAWINGS (TYP.)

PROP. IRRIGATION SERVICE AS PER BYLAW 12–042 c/w:
1 – ISOLATION VALVE BOX
1 – BOULEVARD METER BOX
SERVICE TO TEE OFF DOMESTIC LATERAL BEFORE METER BOX

PROP. 100ø PVC IRRIGATION SLEEVE (TYP.)

EX. CB AND CB LEAD REMOVED AS PART OF TRANSIT WORKS (BY OTHERS)

PROP. 100ø WATER SERVICE TO CONNECT TO EX 300ø WATER MAIN c/w 100ø GATE VALVE AT MAIN

PROP. WATER METER AND CHECK VALVE ASSEMBLY CONCRETE CHAMBER AS PER CoV DWG W2h. SEE DETAILS ON SHEET 05.

LOT SET BACK (ASSUMING 4 STOREYS @ 53'5")

MINIMUM LOT SET BACK (ASSUMING 1 STOREY)

PROP. 150ø WATER SERVICE TO CONNECT TO EX 300ø WATER MAIN c/w 150ø GATE VALVE AT MAIN

EX. BC HYDRO POWER POLE TO REMAIN. SUPPORT POLE WHILE TRENCHING WATER.

EX. STREET TREE (TYP.)

PROP. BUILDING OUTLINE (TYP.)

SITE BOUNDARY

PROP. 36.59m 100ø PVC DR 18 WAT @ 0.10% INV AT CAP = 13.55m

PROP. 36.59m 150ø PVC DR 18 FIRE @ 0.25% INV AT CAP = 13.83m

PROP. BUILDING OUTLINE (TYP.)

PROPOSED BUILDING

LEVEL 1.0 = 53'6" (16.31m)
LEVEL –0.5 = 40'4" (12.29m)
LEVEL –1.0 = 31'1" (9.47m)

LOT SET BACK (FOR 6 STOREY @ 65')

UTILITY POLE OFFESET
1:100

1) EX. STORM SERVICE CONNECTION TO BE DE–COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY DEVELOPER'S CONTRACTOR

2) EX. SANITARY SERVICE CONNECTION TO BE DE–COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY DEVELOPER'S CONTRACTOR

3) EX. WATER SERVICE CONNECTION TO BE DE–COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY CITY FORCES.

4) EX. GAS SERVICE CONNECTION TO BE DE–COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY FORTIS BC FORCES.

5) ALL IRRIGATION WORK MUST FOLLOW THE CITY OF VICTORIA SUPPLEMENTARY SPECIFICATIONS FOR STREET TREES AND IRRIGATION SCHEDULE C, BYLAW 12–042, SUBDIVISION BYLAW.

6) REQUIRED IRRIGATION INSPECTIONS: ALL SLEEVING, OPEN TRENCH MAINLINE AND LATERAL LINES, SYSTEM OPERATION, CONTROLLER, AND BACKFLOW PREVENTER (INCL. INSPECTION TAG AND TESTING REPORT). CALL CITY OF VICTORIA PARKS AT (250) 361–0600 MIN. 2 DAYS IN ADVANCE TO ARRANGE FOR IRRIGATION INSPECTIONS.

7) IRRIGATION DESIGN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL TO CITY OF VICTORIA PARKS NO LESS THAN 30 DAYS PRIOR TO SCHEDULED INSTALLATION.

8) 4.ALL WATER MAIN JOINTS WITHIN 3.0m HORIZONTAL OR 0.45m VERTICAL OF SANITARY SEWER OR STORM DRAINS TO BE PROTECTED BY SHRINK WRAP OR PETROLEUM TAPE.

SITE SERVICING LEGEND

STORM SEWER	—D—
SANITARY SEWER	—S—
WATERMAIN (DOMESTIC)	—W—
WATERMAIN (FIRELINE)	—F—
STORM SERVICE CONNECTION	——D
SANITARY SERVICE CONNECTION	——S
WATER SERVICE CONNECTION	——W
DRAINAGE SWALE	— — —
PROPOSED MANHOLE	●
CLEANOUT	•
FIRE HYDRANT	
BLOW OFF	
AIR VALVE	
PROP MECHANICAL DRAIN	
PROP. MECHANICAL DRAIN	
RIM ELEVATION	(99.99)

NOT FOR CONSTRUCTION

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BENCHMARK MONUMENT NO.:24–48 ELEVATION:16.785m DATUM:CGVD28
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TITLE: **SERVICING PLAN**

DESIGN: VG/GR CHECK: SL
DRAWN: VG/GR APPR: SL

A & M FILE: **17-147**

PROJECT NO. **BP056054**

SCALE: HORZ. 1:200 VERT. N/A

DRAWING DATE: **SEPTEMBER, 2018**

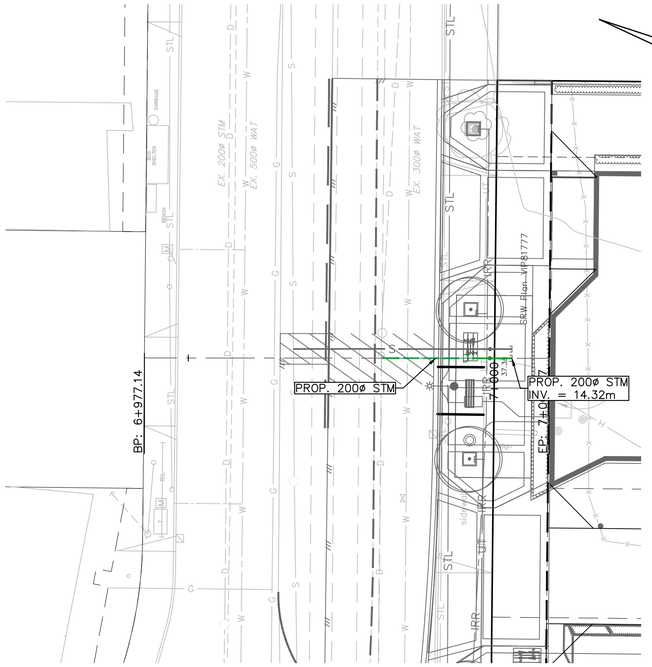
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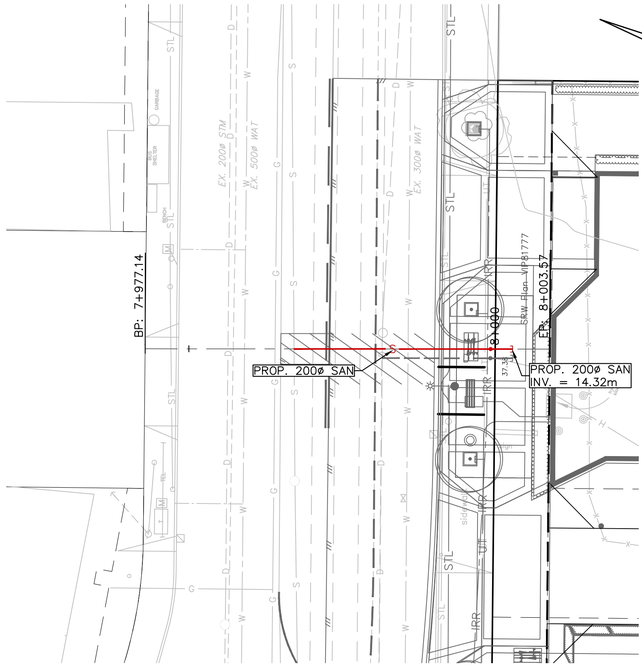
A & M DRAWING NO. **17-147- 03**

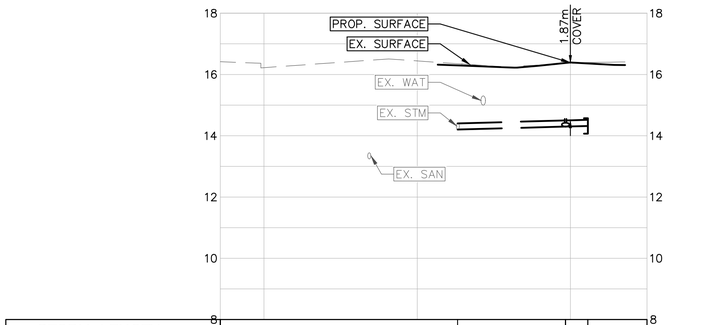
SHEET NO. **03 OF 08**

REV. **15**

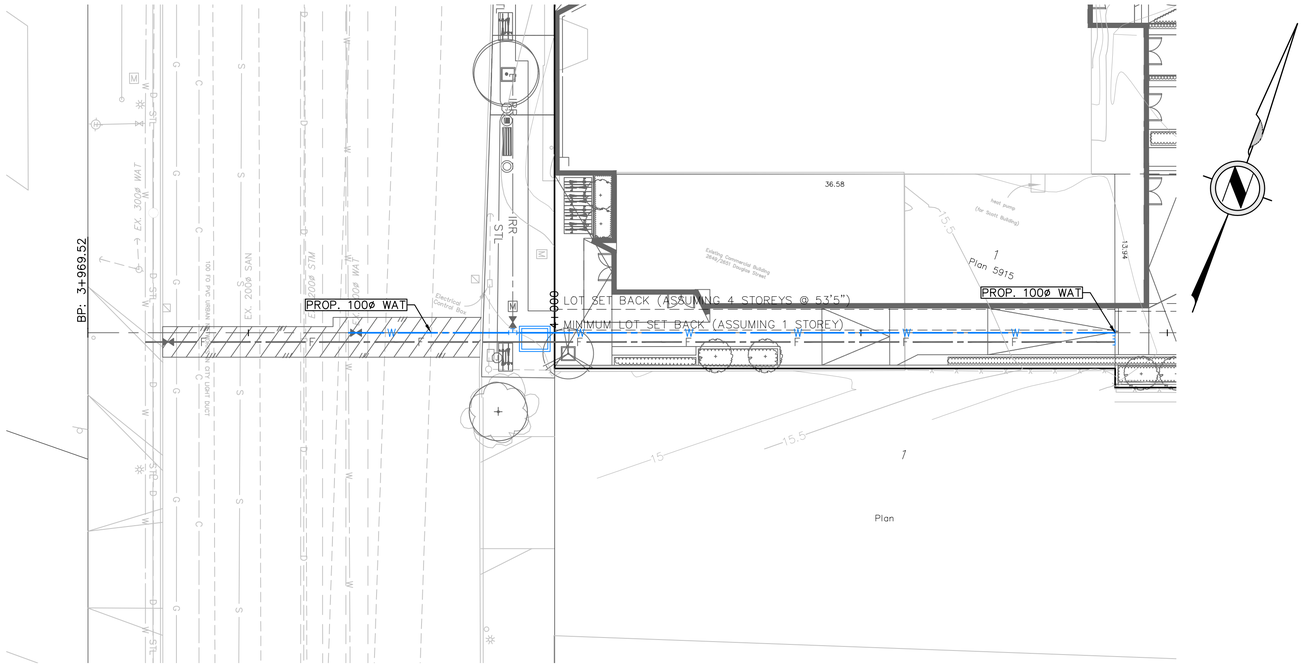
0 2 1:200 10m


BP: 6+977.14
PROP. 200ø STM
PROP. 200ø STM
INV. = 14.32m
EP: 7+0
7+000
STL
IRR
SEW. Plan VIP81777
Ex. 200ø STM
Ex. 500ø WAT
Ex. 300ø WAT


BP: 7+977.14
PROP. 200ø SAN
PROP. 200ø SAN
INV. = 14.32m
EP: 8+003.57
8+000
STL
IRR
SEW. Plan VIP81777
Ex. 200ø STM
Ex. 500ø WAT
Ex. 300ø WAT


PROP. SURFACE
EX. SURFACE
1.87m COVER
EX. WAT
EX. STM
EX. SAN
18
16
14
12
10
8

| | | |



AWWA M22
Water Customer Data Sheet

Customer: Primex Investments
Building Address: 2651 Douglas St. & 2659 Douglas St. & 735 Hillside Ave, Victoria, BC
Phone:
Map/Lot: Lot A Plan VIP81776 Section 4 Land District 57
Number of Residential Units: 150 **Subdivsion/Development/Building Permit #**
Is this a Phased Development? Yes _x_ No __ **Inventory Presented Below is For:** Phase __ Buildout __
Type of Occupancy: Multi Family _x_ nstitutional __ Commercial _x_ Industrial __ Other __

Fixture	Value @ 60 psi		Number of Fixtures	Total Value
Bathtub	8	x	152	1216.00
Kitchen Sink	2.2	x	151	332.20
Lavatory	1.5	x	153	229.50
Service Sink	4	x	3	12.00
Toilet - Tank Type	4	x	153	612.00
Dishwasher	2	x	151	302.00
Washing Machine	6	x	151	906.00
Hose Bib (c/w 50 ft Wash Down) 1/2 "	5	x	31	155.00
Other* (CRU's)	200	x	1	200.00
Combined Fixture Value Total				**3964.70**

** If a fixture is provided that is not listed above then the peak flow value (fixture value) must be included based on the manufacturer's information.*

Demand
Water Flow Demand (from Fig. 4.2 or 4.3) = 150.00 gpm
Press. Factor from Table 4-1: 1.00
Customer Peak Demand From (Fig. 4-2 or 4-3) x (Press. Factor Table 4.1) = **150.00 gpm**

Add Irrigation
Sections* 15 x 1.16 = 17.40 gpm
Hose Bibs x Fixture Value x Press. Fact. = gpm

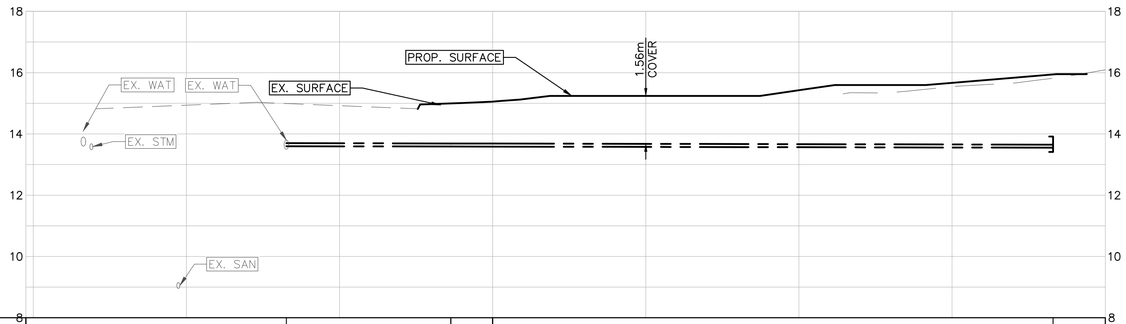
Added Fixed Load = **17.40 gpm**

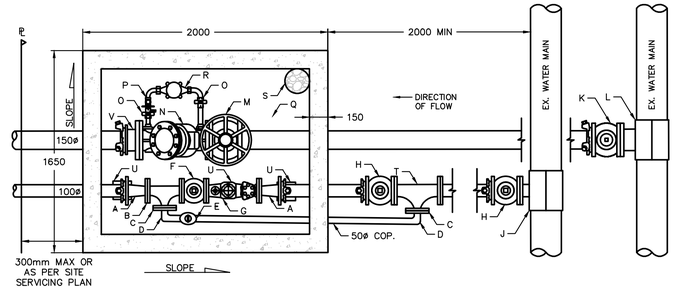
TOTAL FIXED DEMAND = **167.40 gpm**

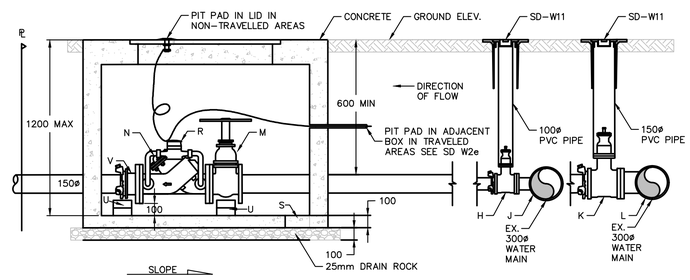
Required Water Meter:

** 100ft² area = section*
*** Spray Systems - Use 1.16; Rotary Systems - Use 0.40*

Completed By: Kyle Lorondeau
Name of Firm: Avalon Mechanical Consultants
Date: September 20, 2021







DOMESTIC WATER METER TO BE A 75mm SENSUS OMNI C2

A) 100ø x 75ø CONCENTRIC REDUCER
B) 75ø x 75ø x 50ø FL TEE (TAP PERMITTED)
C) 50mm FL x FIP BLIND FLANGE
D) 50mm STREET ELBOW
E) 50mm LOCKING BALL VALVE
F) 75mm FL x FL GATE VALVE
G) 75mm METER
H) 100mm VALVE
I)
J) 100mm SADDLE OR TEE
K) 150mm VALVE
L) 150mm SADDLE OR TEE
M) 150mm VALVE
N) 150mm FL DETECTOR CHECK VALVE
O) 19mm BALL VALVE
P) 19mm CHECK VALVE
Q) HATCH: ROAD–TI4S106070AV; SIDEWALK–TI3S106070AV
R) 19mm METER
S) 200mm SUMP THROUGH FLOOR
T) 100ø x 100ø X 50ø FL TEE
U) 2 – 200mm 100mm x 50mm CONCRETE BLOCK
V) 150mm ADAPTOR

NOTES:
1) ALL PIPE AND FITTING TO BE PIPE RESTRAINED
2) THE OWNER SHALL CONNECT TO THE CITY PIPE AT PROPERTY LINE.
3) WHERE THE PIPE IS IN CONTACT WITH CONCRETE ENSURE THERE IS A BARRIER OF POLYETHYLENE.
4) FIRE SERVICE TO BE RIGHT SIDE OF DOMESTIC METER ENTERING THE PROPERTY AND DIMENSIONED TO CLOSEST IRON PIN.

NOT FOR CONSTRUCTION

NOTICE TO CONTRACTOR

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LEGAL DESCRIPTION: LOT A & B, SECTION 4, VICTORIA DISTRICT, PLAN VIP81776

BENCHMARK MONUMENT NO.:24–48 ELEVATION:16.785m DATUM:CGVD28
LOCATED AT: &

REV. NO.	DESCRIPTION	DR	CH	DATE	APP
11	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021JAN12	SL
12	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021NOV10	SL
13	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021NOV22	SL
14	RE–ISSUED FOR BUILDING PERMIT	JP	SL	2021NOV26	SL
15	RE–ISSUED FOR DEVELOPMENT PERMIT	JP	SL	2022JAN06	SL

APLIN MARTIN
ENGINEERING ARCHITECTURE PLANNING SURVEYING
EGBC Permit to Practice Number #1001018
Aplin & Martin Consultants Ltd.
#104 - 6596 Applecross Road, Nanaimo, B.C. Canada V9V 0A4
Tel: (778) 841-0484, Fax: (604) 597-9061, Email: general@aplinmartin.com

CLIENT: PRIMEX INVESTMENTS
C/O: SUMMIT BROOKE CONSTRUCTION LTD.
104 - 31324 PEARDONVILLE ROAD, ABBOTSFORD B.C.
Tel (604) 850-1111

PROJECT: THE SCOTT BUILDING
2659 DOUGLAS ST & 735 HILLSIDE AVE, VICTORIA, BC

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA S. A. LEWIS #23811
Permit to Practice #1001018
2022-01-08

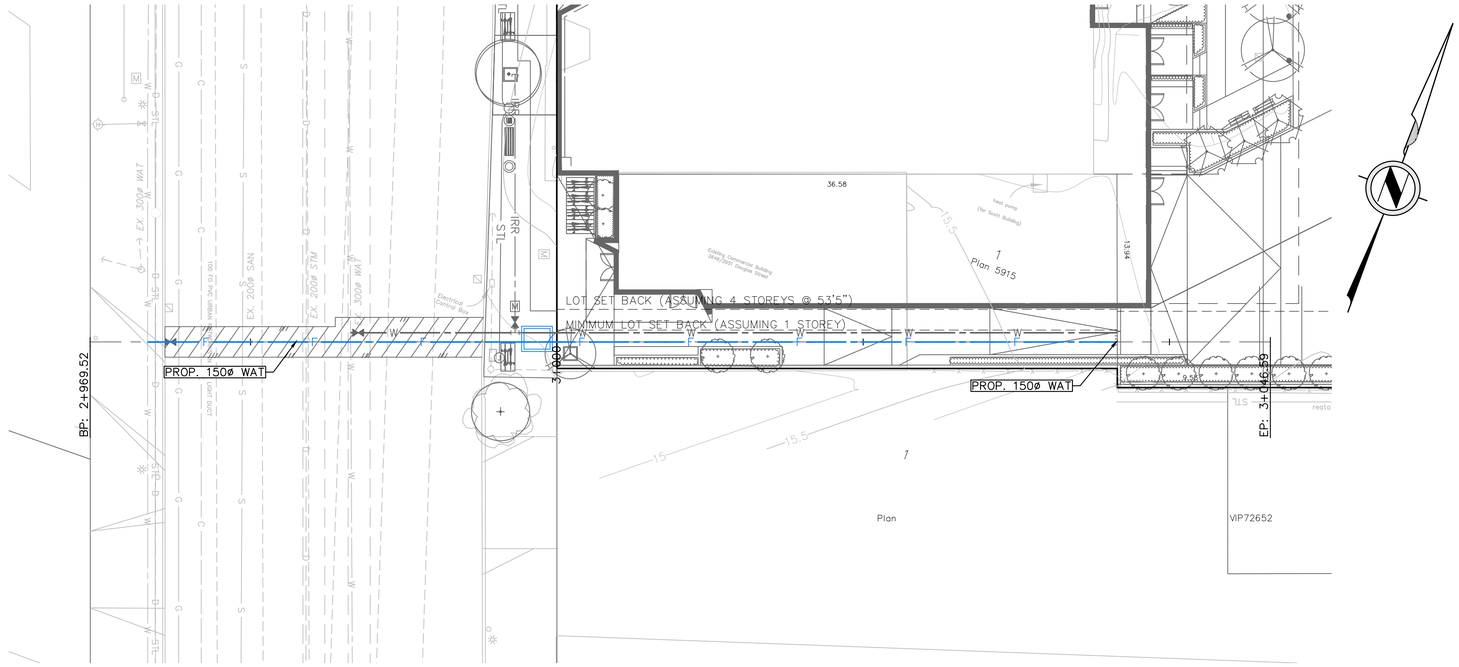
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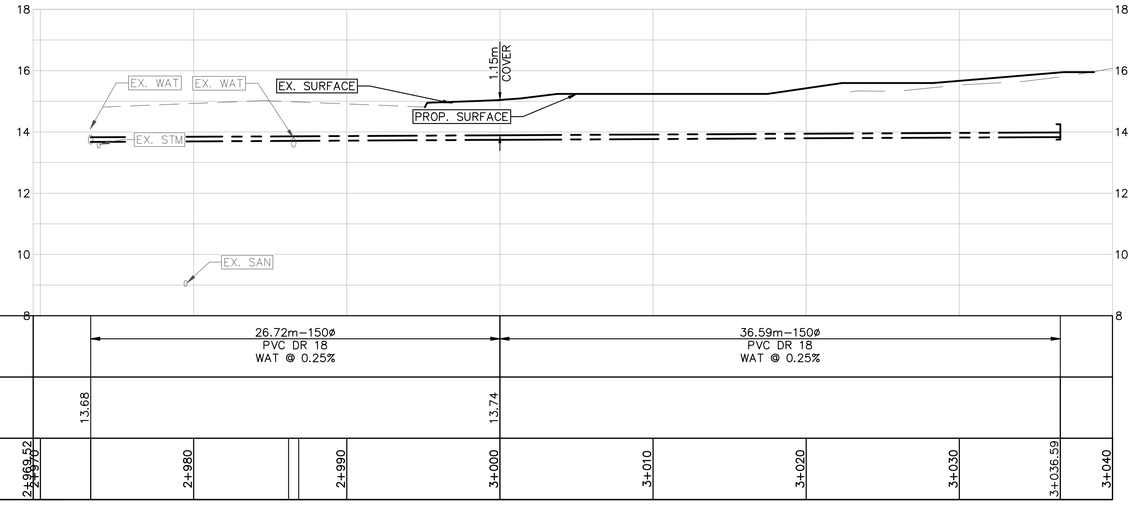
TITLE: **SERVICING PROFILES - DOMESTIC WATER**

DESIGN: VG/GR CHECKSL
DRAWN: VG/GR APPR: SL
A & M FILE: **17-147**
PROJECT NO. **BP056054**
SCALE: HORZ. 1:200 VERT. 1:100
DRAWING DATE: **SEPTEMBER, 2018**
DRAWING NO. **.**
A & M DRAWING NO. **17-147- 05**
SHEET NO. **05 OF 08**
REV. **15**

0 2 1:200 10m

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WATERMAIN LENGTH, SIZE, TYPE AND GRADE		26.72m–150ø PVC DR 18 WAT @ 0.25%	36.59m–150ø PVC DR 18 WAT @ 0.25%
INVERT ELEVATION	13.68	13.74	
CHAINAGE	2+969.52 / 2+970	2+980 / 2+990 / 3+000	3+010 / 3+020 / 3+030 / 3+036.59 / 3+040

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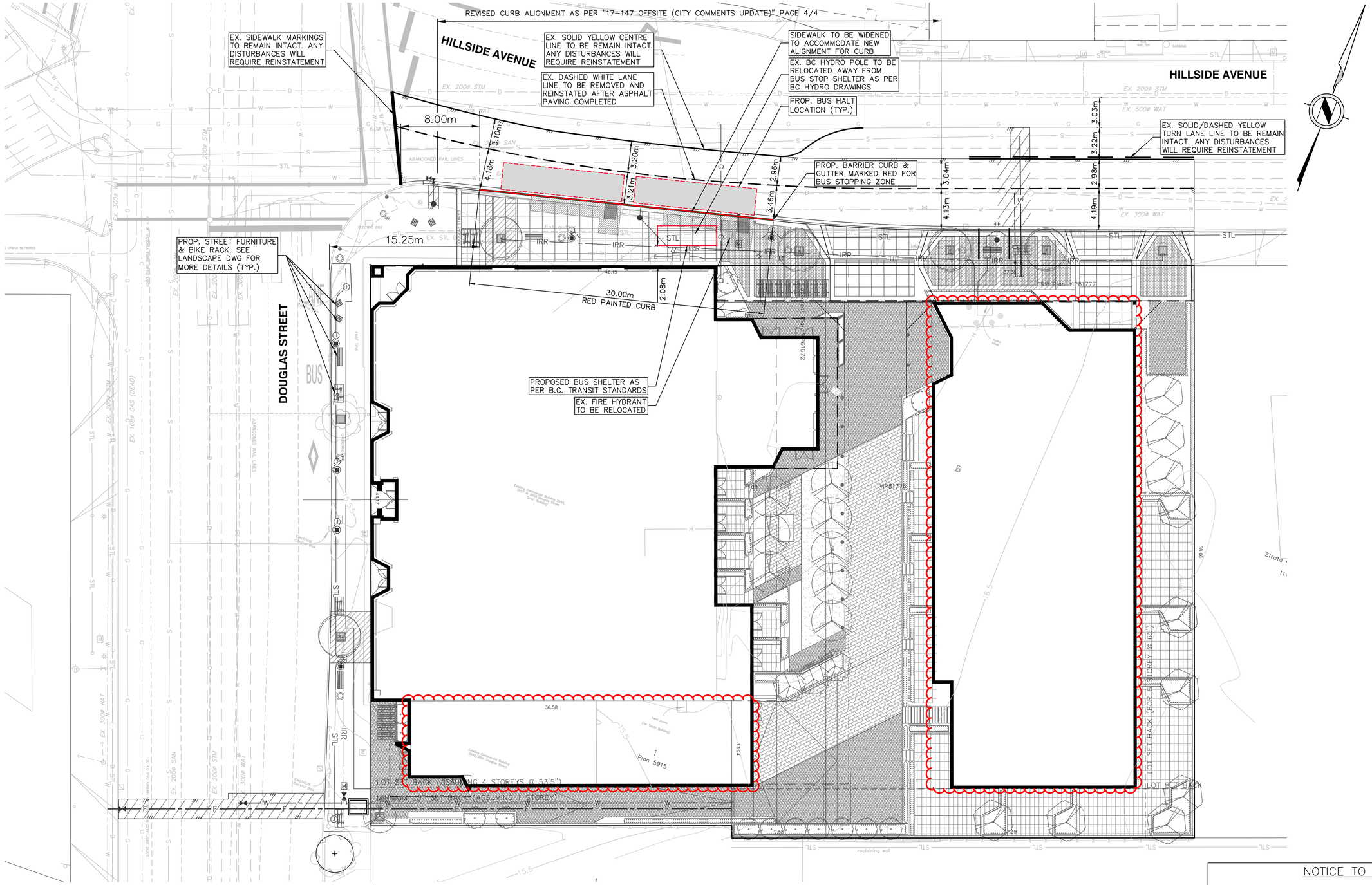
TITLE: **SERVICING PROFILES - FIRE WATER**

DESIGN: VG/GR CHECK: SL
DRAWN: VG/GR APPR: SL
A & M FILE: **17-147**

PROJECT NO. **BP056054**
SCALE: HORZ. 1:200 VERT. N/A
DRAWING DATE: **SEPTEMBER, 2018**
DRAWING NO. **.**
A & M DRAWING NO. **17-147- 06**
SHEET NO. **06 OF 08**
REV. **15**

0 2 1:200 10m

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TITLE: **TRANSIT STOP AND PAVEMENT MARKINGS PLAN**

DESIGN: VG/GR CHECK:SL
DRAWN: VG/GR APPR: SL

A & M FILE: **17-147**

PROJECT NO. **BP056054**

SCALE: HORZ. 1:200 VERT. N/A

DRAWING DATE: **SEPTEMBER, 2018**

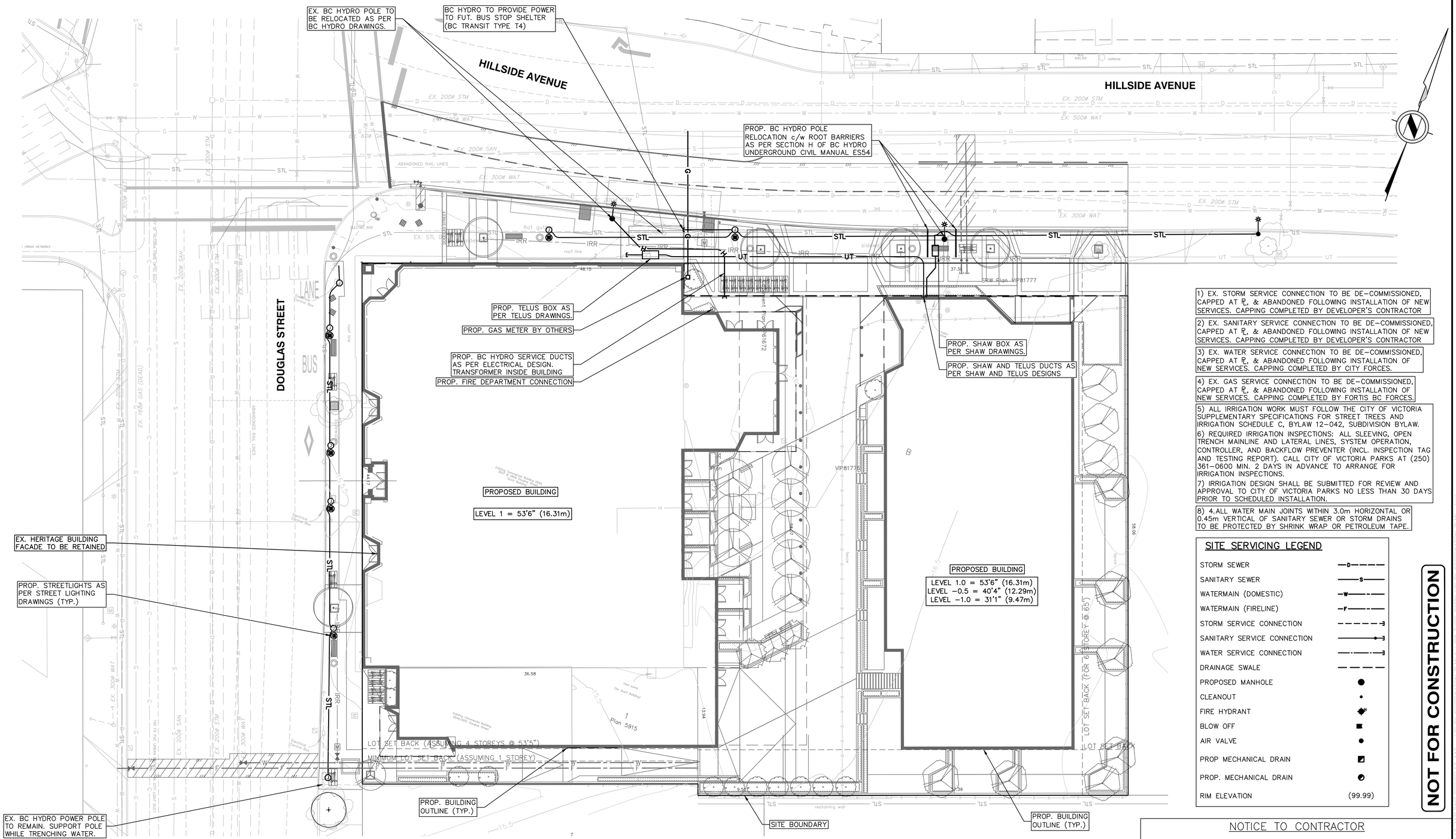
DRAWING NO. **.**

A & M DRAWING NO. **17-147- 07**

SHEET NO. **07 OF 08**

REV. **15**

0 2 1:200 10m



1) EX. STORM SERVICE CONNECTION TO BE DE−COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY DEVELOPER'S CONTRACTOR

2) EX. SANITARY SERVICE CONNECTION TO BE DE−COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY DEVELOPER'S CONTRACTOR

3) EX. WATER SERVICE CONNECTION TO BE DE−COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY CITY FORCES.

4) EX. GAS SERVICE CONNECTION TO BE DE−COMMISSIONED, CAPPED AT P/L, & ABANDONED FOLLOWING INSTALLATION OF NEW SERVICES. CAPPING COMPLETED BY FORTIS BC FORCES.

5) ALL IRRIGATION WORK MUST FOLLOW THE CITY OF VICTORIA SUPPLEMENTARY SPECIFICATIONS FOR STREET TREES AND IRRIGATION SCHEDULE C, BYLAW 12−042, SUBDIVISION BYLAW.

6) REQUIRED IRRIGATION INSPECTIONS: ALL SLEEVING, OPEN TRENCH MAINLINE AND LATERAL LINES, SYSTEM OPERATION, CONTROLLER, AND BACKFLOW PREVENTER (INCL. INSPECTION TAG AND TESTING REPORT). CALL CITY OF VICTORIA PARKS AT (250) 361−0600 MIN. 2 DAYS IN ADVANCE TO ARRANGE FOR IRRIGATION INSPECTIONS.

7) IRRIGATION DESIGN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL TO CITY OF VICTORIA PARKS NO LESS THAN 30 DAYS PRIOR TO SCHEDULED INSTALLATION.

8) 4.ALL WATER MAIN JOINTS WITHIN 3.0m HORIZONTAL OR 0.45m VERTICAL OF SANITARY SEWER OR STORM DRAINS TO BE PROTECTED BY SHRINK WRAP OR PETROLEUM TAPE.

SITE SERVICING LEGEND

STORM SEWER	—D—
SANITARY SEWER	—S—
WATERMAIN (DOMESTIC)	—W—
WATERMAIN (FIRELINE)	—F—
STORM SERVICE CONNECTION	——D
SANITARY SERVICE CONNECTION	——S
WATER SERVICE CONNECTION	——W
DRAINAGE SWALE	— — —
PROPOSED MANHOLE	●
CLEANOUT	•
FIRE HYDRANT	
BLOW OFF	■
AIR VALVE	●
PROP MECHANICAL DRAIN	◪
PROP. MECHANICAL DRAIN	◓
RIM ELEVATION	(99.99)

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TITLE: **THIRD PARTY UTILITY COORDINATION PLAN**

DESIGN: VG/GR CHECK:SL
DRAWN: VG/GR APPR: SL

A & M FILE: **17-147**

PROJECT NO. **BP056054**

SCALE: HORZ. 1:200 VERT. N/A

DRAWING DATE: **SEPTEMBER, 2018**

DRAWING NO. **.**

A & M DRAWING NO. **17-147- 08**

SHEET NO. **08 OF 08**

REV. **15**

0 2 1:200 10m