

CITY OF
VICTORIA

Revisions

Bubbled areas indicate revisions compared to the previously submitted plans

Received Date

November 16, 2020



MGA
ARCHITECTURE

DRAWING LIST		SCALE
A000	COVER SHEET & DRAWING LIST	NTS
A001	PROJECT DESCRIPTION & SITE LOCATION PLAN	NTS/1:1000
A002	EXISTING SITE PLAN	1:100
A003	PROPOSED SITE PLAN	1:100
A004	AVERAGE GRADE CALCULATIONS	1:100
A100	LEVEL 0 PARKING PLAN	1:100
A101	LEVEL 1 PLAN	1:100
A102	LEVEL 2 PLAN	1:100
A103	LEVEL 3 PLAN	1:100
A104	LEVEL 4 PLAN	1:100
A105	LEVEL 5 PLAN	1:100
A106	LEVEL 6 PLAN	1:100
A107	ROOF PLAN	1:100
A201	EAST & SOUTH ELEVATIONS	1:150
A202	NORTH & WEST ELEVATIONS	1:150
A203	HERITAGE ELEVATION & PLAN STUDY	1:100
A204	FACADE STUDIES	1:50
A251	STREETSCAPE ELEVATIONS	NTS
A301	SECTIONS LOOKING WEST	1:150
A302	SECTIONS LOOKING EAST	1:150
A303	SECTIONS LOOKING NORTH	1:150
A304	SECTIONS LOOKING NORTH/SOUTH	1:150
A305	SECTIONS LOOKING SOUTH	1:150
A308	STREETSCAPE CROSS SECTION	1:50
A800	FSR LEGEND	1:100
A801	FSR-LEVEL 1	1:100
A802	FSR-LEVEL 2	1:100
A803	FSR-LEVEL 3	1:100
A804	FSR-LEVEL 4	1:100
A805	FSR-LEVEL 5	1:100
A806	FSR-LEVEL 6	1:100
A811	VIEW NORTHWEST FROM CORNER OF PANDORA & COOK	NTS
A812	VIEW WEST THROUGH RESIDENTIAL VIEWS	NTS
A813	VIEW SOUTHWEST FROM COOK STREET	NTS
A814	VIEW EAST TO COURTYARD	NTS
A815	BALCONY STUDY	NTS
A817	ADJACENT PROPERTY STUDY	NTS
A821	SOLAR IMPACT ANALYSIS	NTS
A822	ILLUMINANCE ANALYSIS	NTS

STREET TREES ADDED ALONG COOK ST
DATED: NOVEMBER 13TH, 2020



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

2020-1-13	△	REVISED FOR REZONING
2020-7-15	△	REVISED FOR REZONING
2020-10-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A000
COVER SHEET

PROJECT NARRATIVE

The Parkway Revitalization and Development is located at Pandora Avenue & Cook Street, at the site of what is known to the community as the Wellburns Building. Originally named Parkway apartments, the two-story masonry building was constructed in 1911 by William Ridgway-Wilson. At the corner of the North Park neighbourhood, the building is a gateway feature to both the neighbourhood and the centre of Victoria.

The new development proposes a 4 & 6 storey volume stepping back from the existing heritage building to the north & west, and from Franklin Green Park to the south & east. 105 purpose-built rental apartments are proposed with a retail / commercial space being maintained on the existing ground floor of the Wellburns Building and the addition of a cafe space in the ground floor of the new addition facing Cook Street. A mezz separating the historic and modern buildings at street level serves as the residential entrance to the building and provides access to a west-facing courtyard. Public access to and from Franklin Green Park is provided through a wide pedestrian walkway along the north edge of the site. One level of underground parking will be provided below the project site.

A priority of the project is to conserve the heritage value of the Wellburns building through retaining 50% of the existing volume, including the historic facades facing Pandora Ave & Cook St and the north-east wall facing the residential news. All character-defining

elements in these locations will be preserved along with any in-kind repairs, as required. The original use of the building will remain with opportunities for multiple retail spaces on the ground floor & residential suites above. The building will be Designated Heritage with the Heritage Registry.

The new development will be clad in a light & mid grey coloured stucco rainscreen wall system with a light grain finish. It will borrow elements from its historic counterpart, including the proportion & angles of the projecting oriel windows and the recessed entryways of the existing storefronts. An existing Wellburns Market mural that is currently located on the north elevation of the existing building will be reimaged on the north elevation of the new 4 storey volume, at the entrance to the parkade.

To create a strong visual connection with the surrounding context, Juliet balconies will be provided in the living spaces of the suites directly facing Franklin Green Park & Harris Green Park. An accessible roof deck will also be provided for all residential tenants of the building, facing onto Franklin Green Park.

PROJECT NAME

Parkway

PROJECT ADDRESS

1050 Pandora Ave + 1518 Cook Street

LEGAL DESCRIPTION

Lots 1 and 2, Subareas Lot 15, Victoria, V1P7321

PROJECT TEAM

OWNER

Pandora Cook Development Corp.

District Developments Corp.

200-8809 Heather Street, Vancouver, BC, V6P 3T1

Primary Contact

Andrew Remison

604-736-8866

AGENT

DISTRICT DEVELOPMENTS CORP.

200-8809 Heather Street, Vancouver, BC, V6P 3T1

Primary Contact

Mila Faki

604-222-5762

ARCHITECT

MGA | Michael Green Architecture

1535 West 3rd Avenue, Vancouver, BC, V6J 1J8

Architect

Michael Green

Contact

Jordan Van Dijk

604-236-4770

PROPOSED ZONING

New Site-Specific Zone

Changed from R2 Two Family Dwelling District to 1518 Cook Street, and C-4 (Pandora Avenue Special Commercial District) at 1050 Pandora Avenue.

SITE AREA

2879 m²

AVERAGE GRADE

27.54m (Base AD24 for average grade calculations)

Note that the project ground floor is set at a geodetic elevation of 27.56m and building levels are dimensioned from that elevation.

PROPOSED HEIGHT

20.22 m takes from average grade. Note that 32mm parapet is excluded from proposed height.

ALLOWABLE HEIGHT

30m / 8+0 storeys per OCP

APPLICABLE BUILDING CODE

BCBC 2018

STREETS FACING

Pandora Avenue to the South

Cook Street to the East

OCCUPANCY CLASSIFICATIONS

3.2.2.50, Group C, Up to 6 Storeys,

Sprinklered-Residential Occupancies

3.2.2.50, Group E, Up to 6 Storeys,

Sprinklered-Mercantile Occupancies,

Located below the 3rd storey,

3.2.2.82 Group F, Division 3, Up to 6 Storeys,

Sprinklered-Below Grade Parkade.

AREA CALCULATIONS

LEVEL 0	2,175.2 m ²
LEVEL 1	1848.57 m ²
LEVEL 2	2005.61 m ²
LEVEL 3	1430.37 m ²
LEVEL 4	1416.94 m ²
LEVEL 5	929.13 m ²
LEVEL 6	913.92 m ²
PROPOSED FSR	8,544.5 m²
ALLOWABLE FSR	9,330 m²
PROPOSED FSR RATIO	2.97
ALLOWABLE FSR RATIO	3.3
UNIT TYPES	Net
	%
STUDIO	4
STUDIO & DEN	8
1 BED	54
1 B & DEN	24
2 BED	11
2 BED & DEN	4
TOTAL	105

PROPOSED HEIGHT

20.22m

TOTAL RESIDENTIAL AREA

6035 m²

TOTAL RESIDENTIAL UNITS

105

TOTAL PARKING SPACES

44 PROVIDED

94 REQUIRED

TOTAL COMMERCIAL AREA

1050 m²

880.0 m² RETAIL

170.0 m² CAFE

55.6 m² OUTDOOR SEATING

ORIGINAL HERITAGE BUILDING AREA

1891.99m²

TOTAL AREA TO BE RETAINED

947.6m² (50%)

TOTAL BIKE PARKING

180

160 SHORT-TERM

20 LONG-TERM

UNIT CALCULATIONS

CITY	m ²	L1	L2	L3	L4	L5	L6	TOTAL
STUDIO A	56.3			1	1			2
STUDIO B	53.2				1		1	2
ST & DEN A	66.0		4					4
ST & DEN B	72.7				1			1
ST & DEN C	58.0				1			1
ST & DEN D	56.9				1			1
ST & DEN E	65.3	1						1
1 BED A	57.2	1	1	1	1			4
1 BED B	53.0	1	1	1	1			4
1 BED C	56.1							1
1 BED D	49.7							1
1 BED E	49.3	1	1	1				3
1 BED F	51.6			5		5		10
1 BED G	47.4				1	1		2
1 BED H	36.2				1	1		2
1 BED I	51.1				5		5	10
1 BED J	37.8				1	1	1	4
1 BED K	49.5			1	1	1	1	4
1 BED L	53.4					1		1
1 BED M	45.0					1		1
1 BED N	48.4					1		1
1 BED O	53.5						1	1
1 BED P	48.6						1	1
1 BED Q	49.0					1		1
1 BED R	52.8	1						1
1 BED S	51.1						1	1
1 BED T	44.8						1	1
1 BED U	40.1						1	1
1 BAD A	61.3	1						1
1 BAD B	51.6						1	1
1 BAD C	62.8	1	2	2	2			7
1 BAD D	60.0			1				1
1 BAD E	52.8					1		1
1 BAD F	56.0				1	1		2
1 BAD G	51.0					1		1
1 BAD H	58.0			1				1
1 BAD I	63.0			1	1			3
1 BAD J	94.8							1
1 BAD K	62.3							1
1 BAD L	74.1	2						2
1 BAD M	68.7		1					1
2 BED A	67.9						1	1
2 BED B	68.8						1	1
2 BED C	73.5						1	1
2 BED D	62.3			1	1	1		3
2 BED E	80.5							1
2 BED F	66.4	1		1	1	1		3
2 BED G	75.4					1		1
2 BAD A	90.8				1			1
2 BAD B	94.3				1	1		2
2 BAD C	75.6						1	1
TOTAL UNITS			9	24	21	15	15	105

PARKING CALCULATIONS

RESIDENTIAL PARKING	Parking Rate	# of Units	Required	Provided
<45m ²	0.50	6	3.0	3
45-70m ²	0.60	87	52.2	23
>70m ²	1.00	12	12.0	7
TOTAL RESIDENTIAL PARKING			67	33
VISITOR PARKING	Parking Rate	# of Units	Required	Provided
Visitor Parking	0.10	105	11	4
COMMERCIAL PARKING	Parking Rate	Total Area (m ²)	Required	Provided
Retail / Grocery	1 / 80m ²	880	11	2
Restaurant	1 / 40m ²	225.6	6	3
TOTAL COMMERCIAL PARKING			17	5
CARSHARE PARKING	Parking Rate	Total Area (m ²)	Required	Provided
Modo Carshare Parking Stalls	1 / 40m ²	225.6	6	3
TOTAL PARKING			94	44
BIKE PARKING LONG TERM	Parking Rate	# of Units	Required	Provided
Residential	1 / unit <45m ² 1.25 / unit >45m ²	6 99	6 124	20 128
BIKE PARKING SHORT TERM	Parking Rate	Total Area (m ²)	Required	Provided
Residential	1 / unit	225.6	1	6
Restaurant	1 / 100m ²	880	3	3
Retail / Grocery	1 / 200m ²	880	5	5
TOTAL LONG TERM BIKE PARKING			135	160
TOTAL SHORT TERM BIKE PARKING			19	20



1:1000
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STREET TREES ADDED ALONG COOK ST
DATED: NOVEMBER 31TH, 2020



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

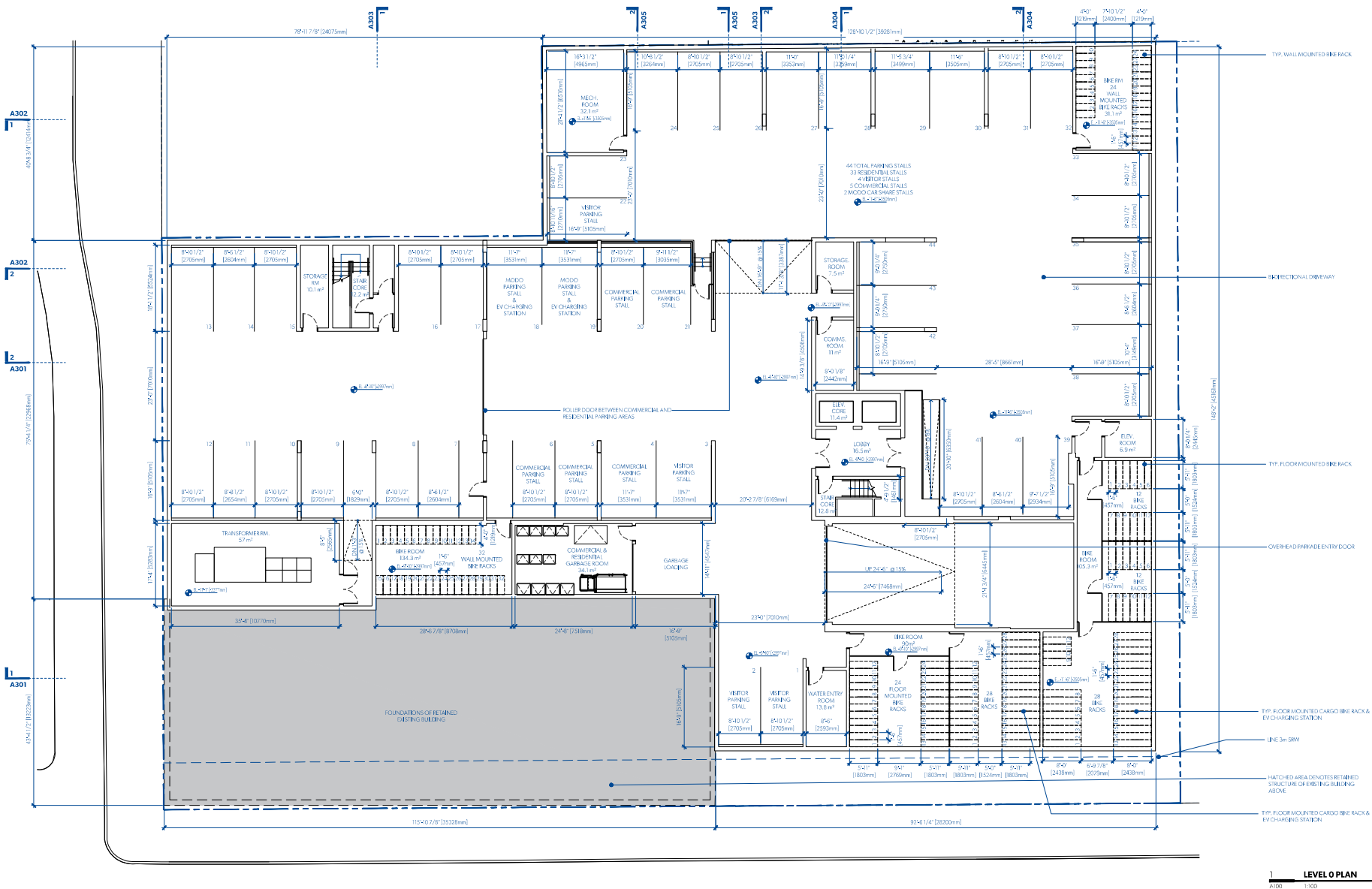
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2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
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DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A001
PROJECT DESCRIPTION



PARKING CALCULATIONS

	Residential	Commercial	Vehicle	Garage	Total
Stalls	33	5	2	0	40
Stalls/1000 sq ft	0.33	0.10	0.02	0.00	0.45

TOTAL PARKING 40

RECYCLE PARKING LONG TERM

	Residential	Commercial	Vehicle	Total
Stalls	1	1	0	2
Stalls/1000 sq ft	0.01	0.02	0.00	0.03

TOTAL RECYCLE PARKING 2

RECYCLE PARKING LONG TERM

	Residential	Commercial	Vehicle	Total
Stalls	1	1	0	2
Stalls/1000 sq ft	0.01	0.02	0.00	0.03

TOTAL RECYCLE PARKING 2

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

2020-1-13	REMOVED FOR REZONING
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2020-03-20	REMOVED FOR REZONING
2019-10-30	REMOVED FOR REZONING
2019-09-13	REMOVED FOR REZONING
2019-05-15	ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A100
LEVEL 0 PLAN



Professional Engineer Seal for Michael Charles Smith, Registered Architect, British Columbia, No. 12345.

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|------------|---|----------------------|
| 2020-11-13 |  | REVISED FOR REZONING |
| 2020-07-15 |  | REVISED FOR REZONING |
| 2020-03-20 |  | REVISED FOR REZONING |
| 2019-10-30 |  | REVISED FOR REZONING |
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| 2019-05-15 |  | ISSUED FOR REZONING |

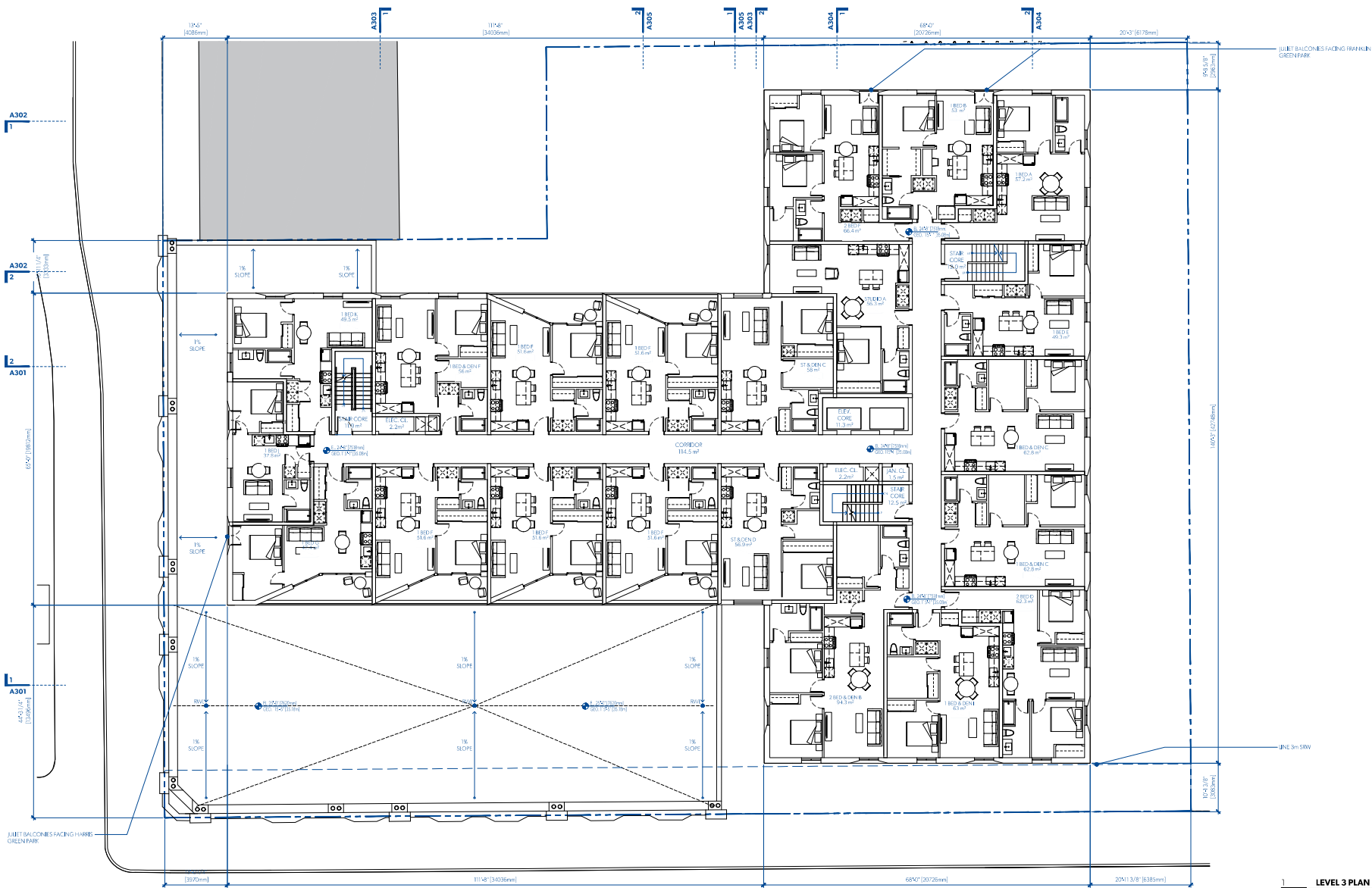
DATE	REVISION	DESCRIPTION
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PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A102

LEVEL 2 PLAN



UNIT CALCULATIONS

UNIT	NO.	1	2	3	4	5	6	TOTAL
STUDIOS	55.1							55.1
STUDIOS	53.2							53.2
STUDIOS	46.0							46.0
STUDIOS	72.7							72.7
STUDIOS	88.0							88.0
STUDIOS	86.3							86.3
STUDIOS	45.3							45.3
1 BED	87.2							87.2
1 BED	33.0							33.0
1 BED	46.1							46.1
1 BED	49.1							49.1
1 BED	53.9							53.9
1 BED	47.4							47.4
1 BED	36.2							36.2
1 BED	31.1							31.1
1 BED	37.8							37.8
1 BED	40.5							40.5
1 BED	53.4							53.4
1 BED	45.2							45.2
1 BED	45.1							45.1
1 BED	53.2							53.2
1 BED	46.0							46.0
1 BED	49.0							49.0
1 BED	52.9							52.9
1 BED	51.1							51.1
1 BED	44.8							44.8
1 BED	40.1							40.1
1 BED	61.3							61.3
1 BED	73.6							73.6
1 BED	62.8							62.8
1 BED	60.0							60.0
1 BED	52.8							52.8
1 BED	36.0							36.0
1 BED	40.7							40.7
1 BED	43.0							43.0
1 BED	45.0							45.0
1 BED	48.2							48.2
1 BED	34.8							34.8
1 BED	62.1							62.1
1 BED	74.1							74.1
1 BED	68.7							68.7
1 BED	67.9							67.9
1 BED	68.8							68.8
1 BED	75.5							75.5
1 BED	62.3							62.3
1 BED	80.5							80.5
1 BED	66.1							66.1
1 BED	75.4							75.4
1 BED	60.8							60.8
1 BED	94.1							94.1
1 BED	75.4							75.4

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

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- 2019-09-13 REVISD FOR REZONING
- 2019-05-15 ISSUED FOR REZONING

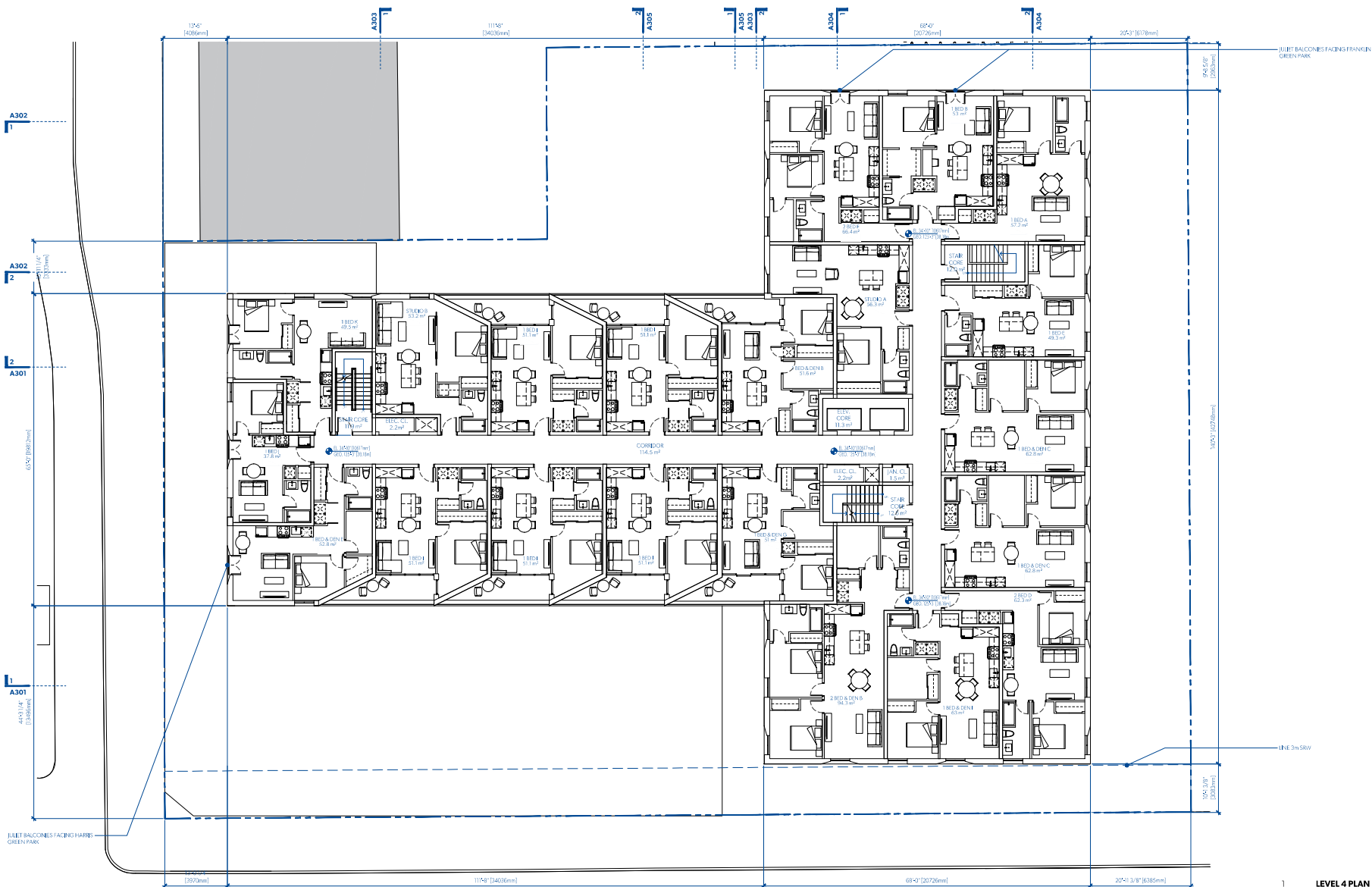
DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A103
LEVEL 3 PLAN

1 LEVEL 3 PLAN
A103 1/100



UNIT CALCULATIONS

UNIT	NO.	U1	U2	U3	U4	U5	U6	TOTAL
STUDIO A	55.1							2
STUDIO B	53.2							2
STUDIO C	46.0							4
STUDIO D	72.7							1
STUDIO E	88.0							1
STUDIO F	86.3							1
STUDIO G	45.3							1
BED A	87.2							4
BED B	33.0							4
BED C	46.0							1
BED D	49.1							3
BED E	53.9							20
BED F	47.4							2
BED G	36.2							1
BED H	31.1							5
BED I	37.8							4
BED J	40.5							1
BED K	53.4							1
BED L	45.2							1
BED M	45.1							1
BED N	53.2							1
BED O	46.0							1
BED P	49.0							1
BED Q	52.9							1
BED R	51.1							1
BED S	44.8							1
BED T	40.1							1
BED U	61.3							1
BED V	73.6							1
BED W	62.8							2
BED X	60.0							1
BED Y	52.8							1
BED Z	50.0							1
BED AA	50.0							1
BED AB	43.0							1
BED AC	43.0							1
BED AD	44.8							1
BED AE	42.1							1
BED AF	74.1							1
BED AG	68.7							1
BED AH	67.9							1
BED AI	68.8							1
BED AJ	73.3							1
BED AK	62.9							1
BED AL	80.5							1
BED AM	66.1							1
BED AN	75.4							1
BED AO	60.8							1
BED AP	94.1							2
BED AQ	73.4							1

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

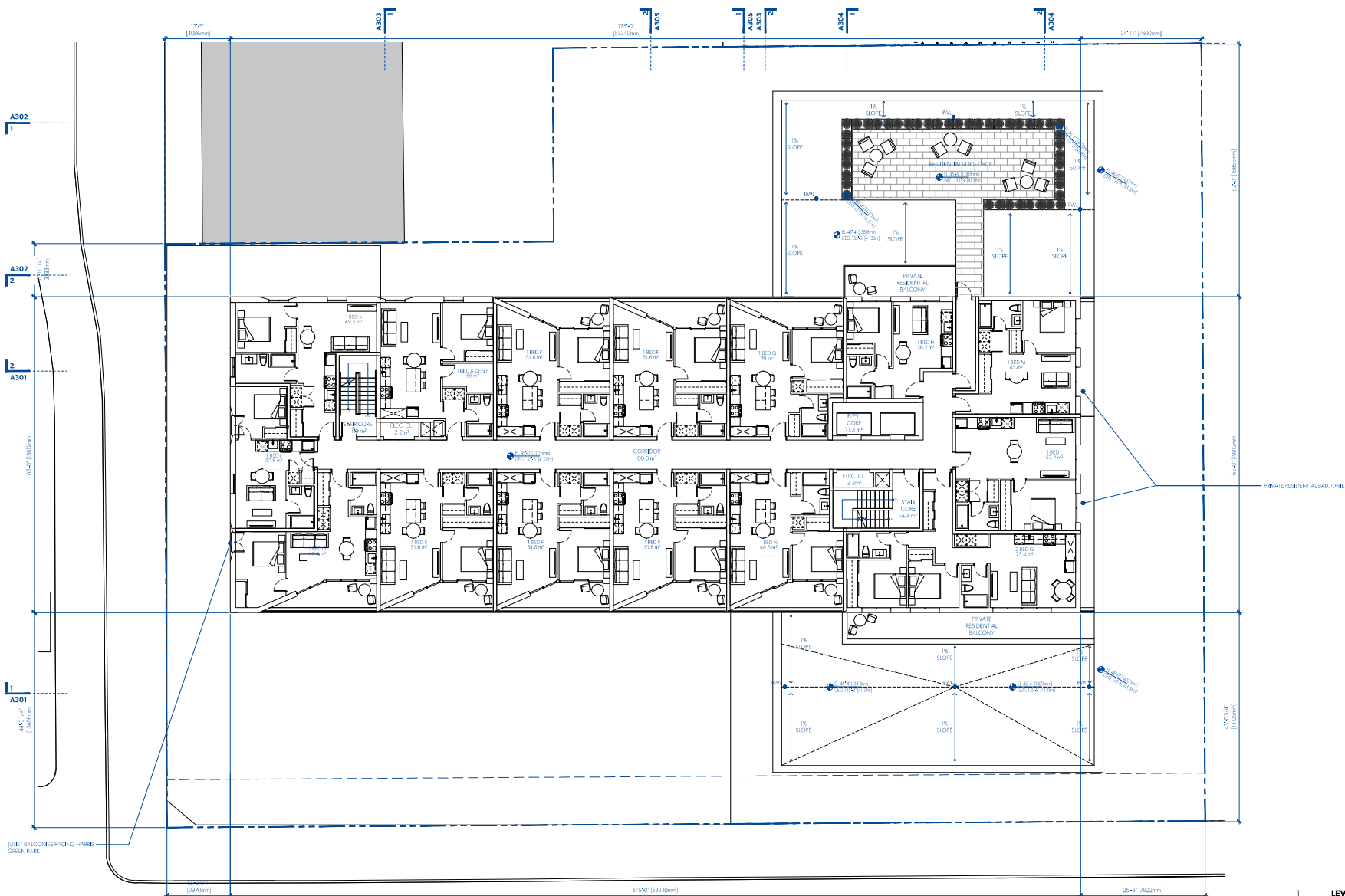
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DATE REVISION DESCRIPTION

PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A104
LEVEL 4 PLAN

1
A104 1:100



1 LEVEL 5 PLAN
A105 1:100



UNIT CALCULATIONS

UNIT	NO	U1	U2	U3	U4	U5	U6	TOTAL
STUDIA	55.1							2
STUDIO B	53.2							2
STUDIO A	46.5							4
STUDIO B	72.7							1
STUDIO A	80.0							1
STUDIO B	86.3							1
STUDIO A	45.3							1
1 BED A	87.2							4
1 BED B	33.0							4
1 BED C	46.7							1
1 BED D	49.3							3
1 BED E	53.9							30
1 BED F	47.4							2
1 BED G	36.2							1
1 BED H	31.1							50
1 BED I	37.8							4
1 BED J	49.3							1
1 BED K	53.4							1
1 BED L	45.2							1
1 BED M	45.1							1
1 BED N	53.2							1
1 BED O	46.0							1
1 BED P	49.0							1
1 BED Q	52.9							1
1 BED R	51.1							1
1 BED S	44.8							1
1 BED T	40.1							1
1 BED U	61.3							1
1 BED V	53.6							1
1 BED W	62.8							2
1 BED X	60.0							1
1 BED Y	53.8							1
1 BED Z	50.0							1
1 BED AA	50.0							1
1 BED AB	43.0							1
1 BED AC	43.0							1
1 BED AD	44.8							1
1 BED AE	42.1							1
1 BED AF	74.1							1
1 BED AG	68.7							1
1 BED AH	67.9							1
1 BED AI	68.8							1
1 BED AJ	75.5							1
1 BED AK	63.3							1
1 BED AL	80.5							1
1 BED AM	65.1							1
1 BED AN	75.4							1
1 BED AO	65.8							1
1 BED AP	94.1							2
1 BED AQ	75.4							1

TOTAL UNITS

MICHAEL GREEN ARCHITECTURE
1535 W 3RD AVENUE, VANCOUVER BC
CANADA V6J 1B8

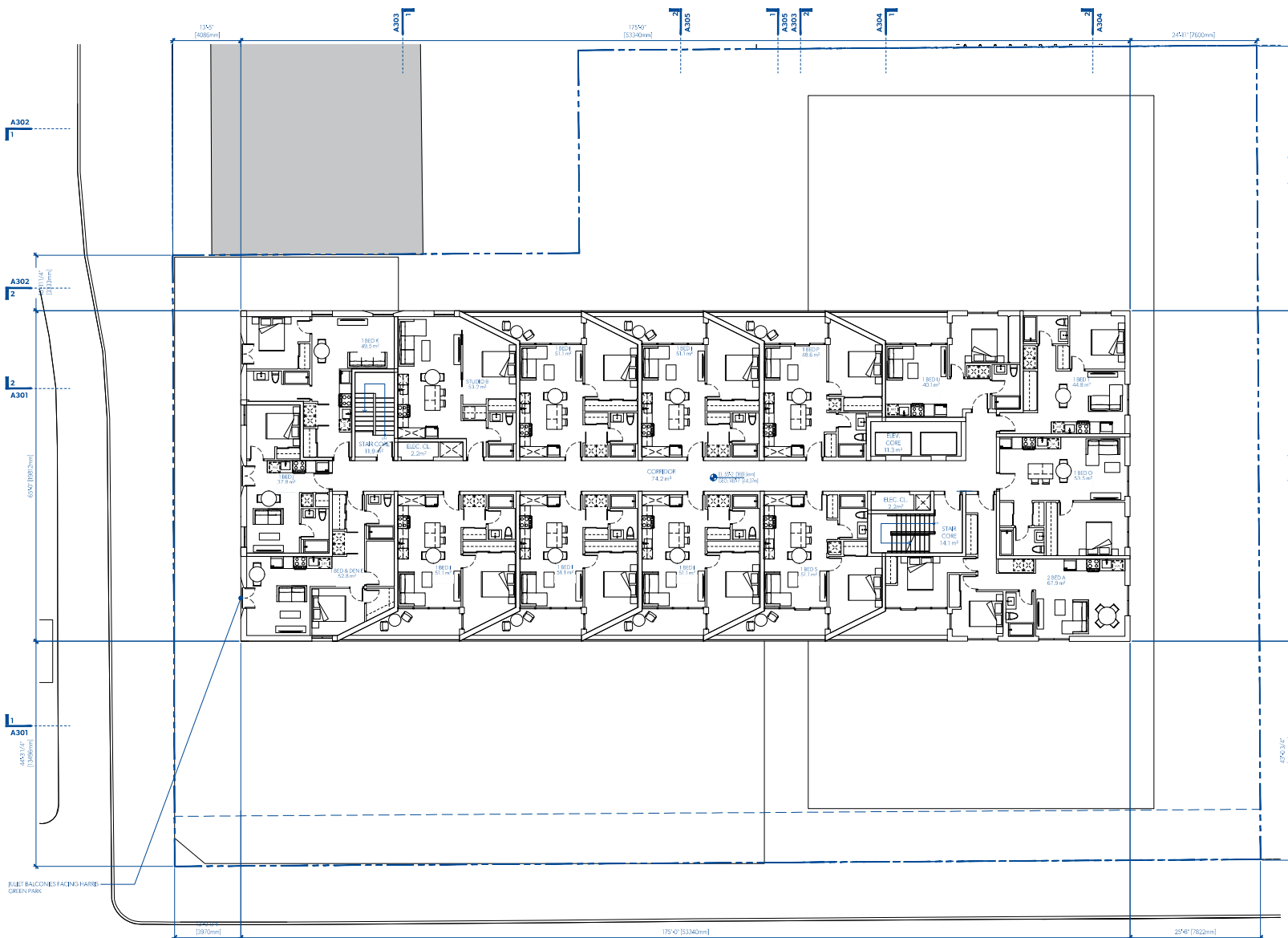
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2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A105
LEVEL 5 PLAN



1 LEVEL 6 PLAN
A106 1:100



UNIT CALCULATIONS

STY	H2	U1	U2	U3	U4	U5	U6	TOTAL
STYK1A	55.1							2
STYK1B	53.2							2
STYK1C	46.0							1
STYK1D	72.7							4
STYK1E	88.2							1
STYK1F	86.3							1
STYK1G	45.3							1
1 BED A	87.2							4
1 BED B	33.0							4
1 BED C	46.7							1
1 BED D	49.1							3
1 BED E	53.9							20
1 BED F	47.4							2
1 BED G	36.2							1
1 BED H	31.1							4
1 BED I	37.8							4
1 BED J	49.5							1
1 BED K	53.4							1
1 BED L	45.2							1
1 BED M	48.1							1
1 BED N	53.2							1
1 BED O	46.0							1
1 BED P	49.0							1
1 BED Q	52.9							1
1 BED R	51.1							1
1 BED S	44.8							1
1 BED T	40.1							1
1 BED U	61.3							1
1 BED V	73.6							1
1 BED W	62.8							2
1 BED X	60.0							2
1 BED Y	52.8							1
1 BED Z	38.0							1
1 BED AA	43.0							1
1 BED AB	48.0							1
1 BED AC	42.1							1
1 BED AD	74.1							2
1 BED AE	68.7							1
1 BED AF	67.9							1
1 BED AG	68.8							1
1 BED AH	73.5							1
1 BED AI	63.3							1
1 BED AJ	80.5							1
1 BED AK	66.1							1
1 BED AL	75.4							1
1 BED AM	60.8							1
1 BED AN	94.1							2
1 BED AO	72.4							1

TOTAL UNITS

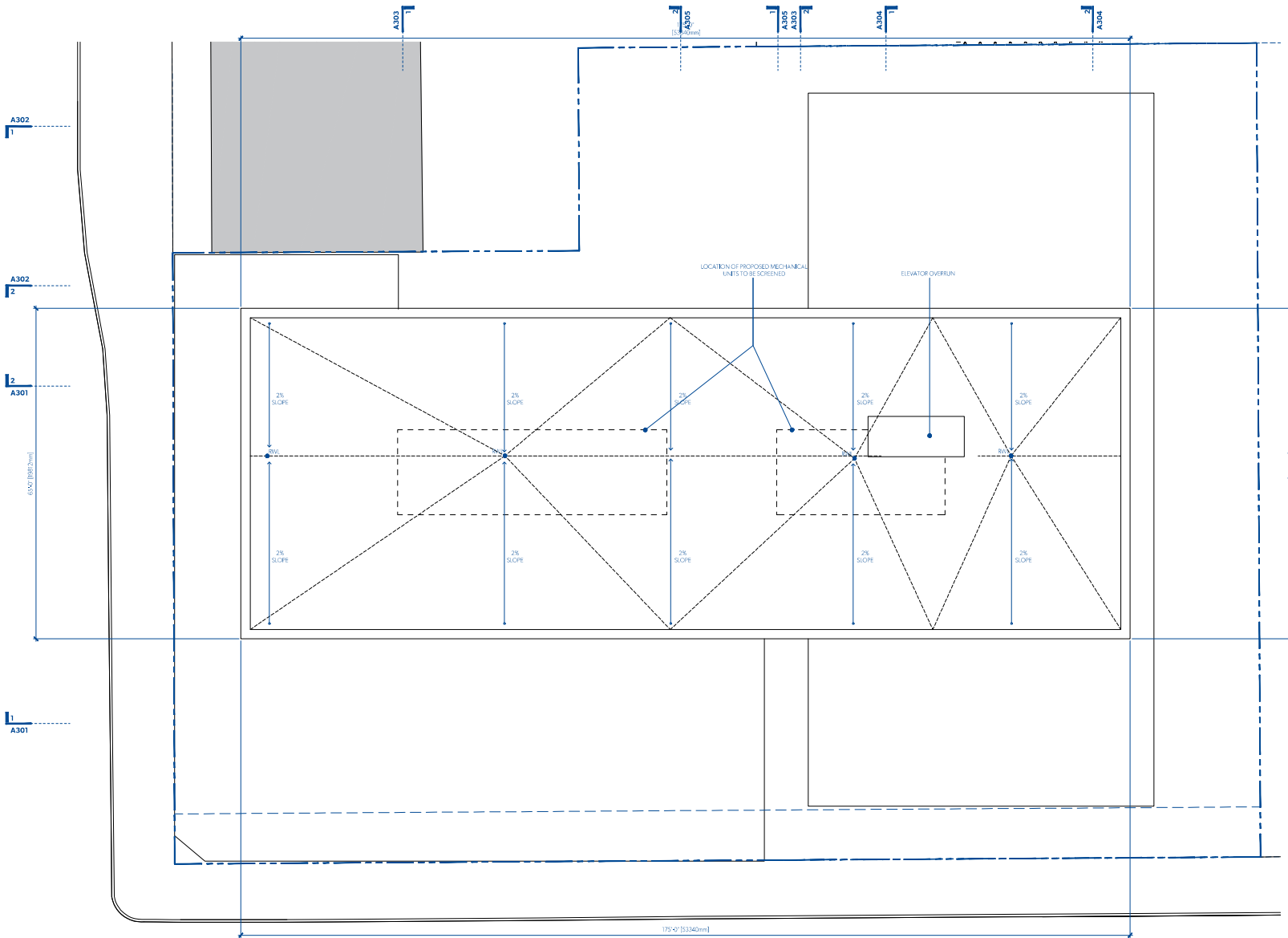
MICHAEL GREEN ARCHITECTURE
1535 W 3RD AVENUE, VANCOUVER BC
CANADA V6J 1J8

2020-1-13	REVISD FOR REZONING
2020-07-15	REVISD FOR REZONING
2020-03-20	REVISD FOR REZONING
2019-10-30	REVISD FOR REZONING
2019-09-13	REVISD FOR REZONING
2019-05-15	ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A106
LEVEL 6 PLAN



1 ROOF PLAN
A107 1/100



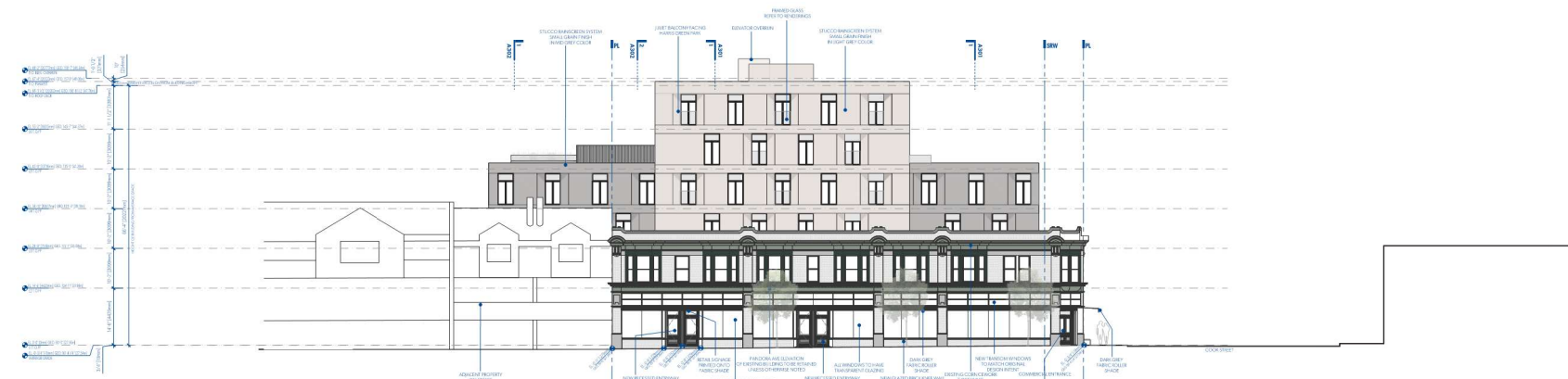
MICHAEL GREEN ARCHITECTURE
1535 W 3RD AVENUE, VANCOUVER BC
CANADA V6J 1B8

2020-1-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

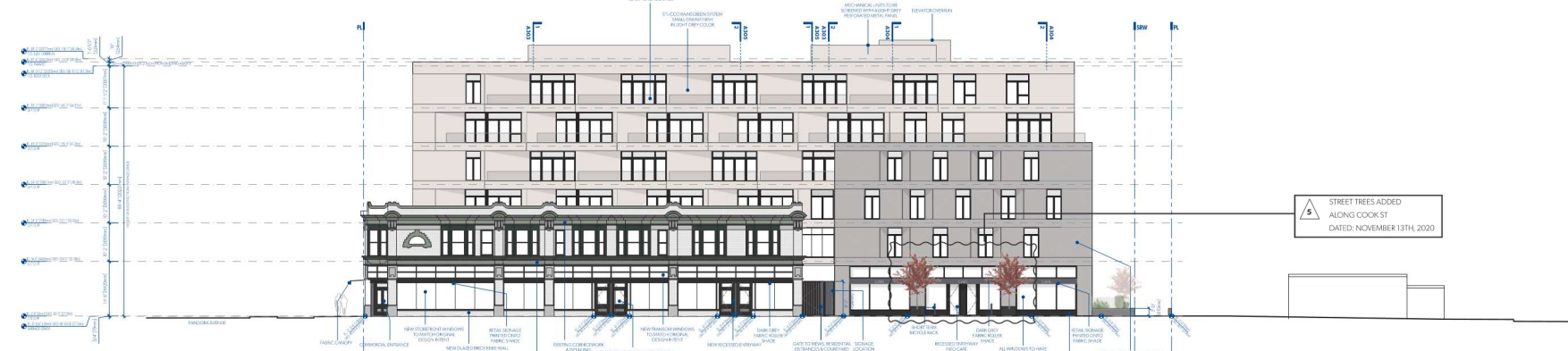
DATE	REVISION	DESCRIPTION
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PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A107
ROOF PLAN



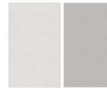
1 SOUTH ELEVATION
A201 1:150



2 EAST ELEVATION
A201 1:150



MATERIALITY



LIGHT GREY & MID GREY COLOURED STUCCO MANCHEN WALL SYSTEM IN A LIGHT GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING CURVAMENTAL DETAILING RESTORED TO HERITAGE COLOUR PALETTE



SILVER BALCONIES WITH CLEAR GLASS ORIENTING SPACE WINDOWS FACING TRAINING GREEN PARK & HARRIS GREEN PARK

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

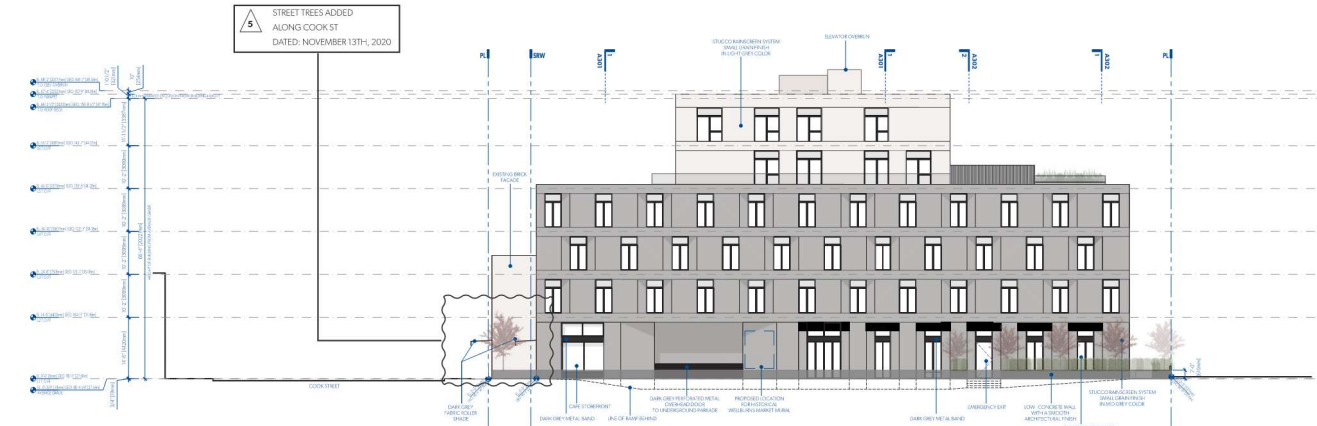
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2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A201
ELEVATIONS



1 NORTH ELEVATION THROUGH PUBLIC WALKWAY
A202 1:150



2 WEST ELEVATION
A202 1:150



MATERIALITY



LIGHT GREY & MID-GREY COLOURED STUCCO MANICURE WALL SYSTEM PLAIN LIGHT GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING CURVAMENTAL DETAILING REFLECTED TO HERITAGE COLOUR PALETTE



JULIET BALCONIES WITH CLEAR GLASS ORIENTING SPACE WINDOWS FACING TRAINING GREEN PARK & HARRIS GREEN PARK

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

2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

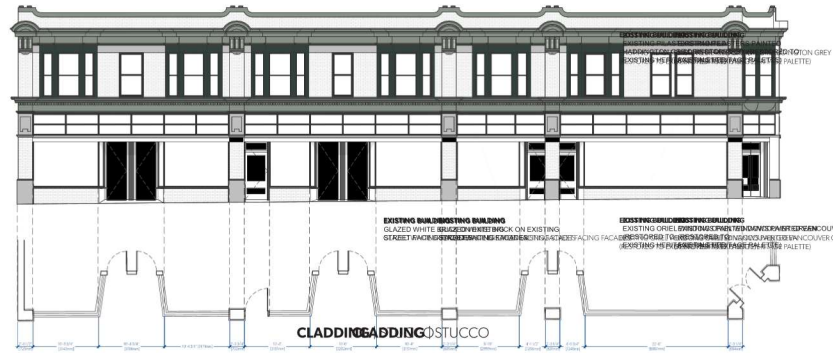
A202
ELEVATIONS



1 COOK ST ORIGINAL ELEVATION STUDY
A203 1:100



2 COOK ST PROPOSED ELEVATION STUDY
A203 1:100



3 PANDORA AVE ORIGINAL ELEVATION STUDY
A203 1:100



4 PANDORA AVE PROPOSED ELEVATION STUDY
A203 1:100



MATERIALITY



LIGHT GREY & MID GREY COLOURED STUCCO W/ MEDIUM WALL SYSTEM IN LIGHT GRAY TINT.



TRANSPARENT GLAZING WITH DARK GREY FRAMES.



EXISTING WHITE GLAZED BRICK.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.



EXISTING BUILDING GLAZED WHITE BRICK ON EXISTING STREET FACING FACADES.

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

2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

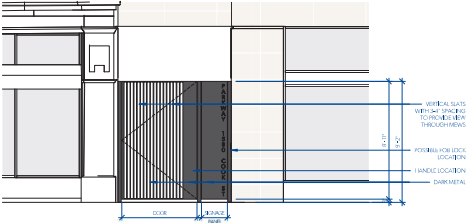
PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

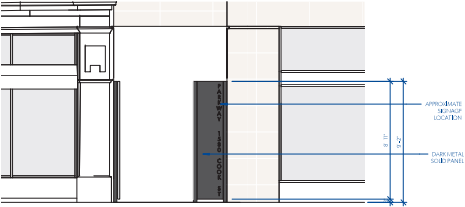
A203
HERITAGE ELEVATION STUDY

MGA

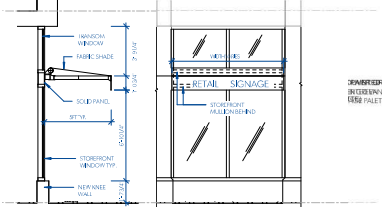
EXISTING BUILDING PROPORTION
EXISTING PLANT FORMS AND MATERIALS
SHADING ON EXISTING BUILDING PROPORTION
EXISTING BUILDING MATERIALS



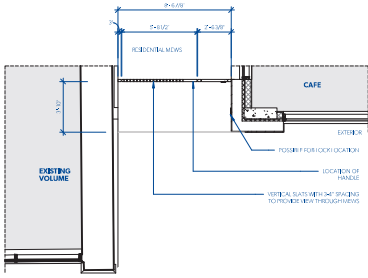
1 ENTRY GATE (CLOSED) - ELEVATION
A204 1:50



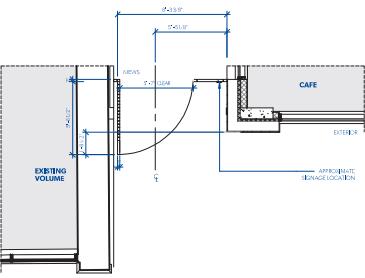
2 ENTRY GATE (OPEN) - ELEVATION
A204 1:50



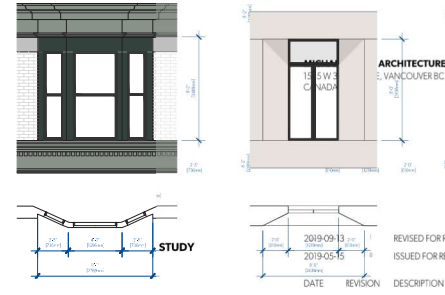
5 CANOPY & SIGNAGE STUDY
A204 1:50



3 ENTRY GATE (CLOSED) - PLAN
A101 1/4" = 1'-0"



4 ENTRY GATE (OPEN) - PLAN
A101 1/4" = 1'-0"



6 WINDOW PROPORTION STUDY
A204 1:50

A204
FACADE STUDIES



MGA
THIS DRAWING IS TO BE
PRINTED
MGA
MATERIALITY
LIGHT GREY & MID GREY COLOURED
STUCCO FINISHES WALL SYSTEM
BLAUGHT GRAY FRESH
TRANSPARENT GLAZING WITH
DARK GREY FRAMES
MICHAEL GREEN ARCHITECTURE
EXISTING WHITE GLAZING
EXISTING BUILDING
GLAZED WHITE FRAMES ON EXISTING
GLAZING
EXISTING CURTAIN WALL DETAILING
REFLECTED TO HERITAGE COLOUR
PALETTE
CLADDING STUDY
1050 PANDORA AVE + 1518 COOK ST
30% CONSTRUCTION DOCUMENTS
2019-07-29

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

2020-11-13
2020-07-15
2020-03-20
2019-10-30
2019-09-13
2019-05-15
REVISED FOR REZONING
REVISED FOR REZONING
REVISED FOR REZONING
REVISED FOR REZONING
ISSUED FOR REZONING
ISSUED FOR REZONING

PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A204
FACADE STUDIES

SHEET DATE



1 **PANDORA AVENUE STREETSCAPE**
A251 NTS



5 STREET TREES ADDED
ALONG COOK ST
DATED: NOVEMBER 13TH, 2020

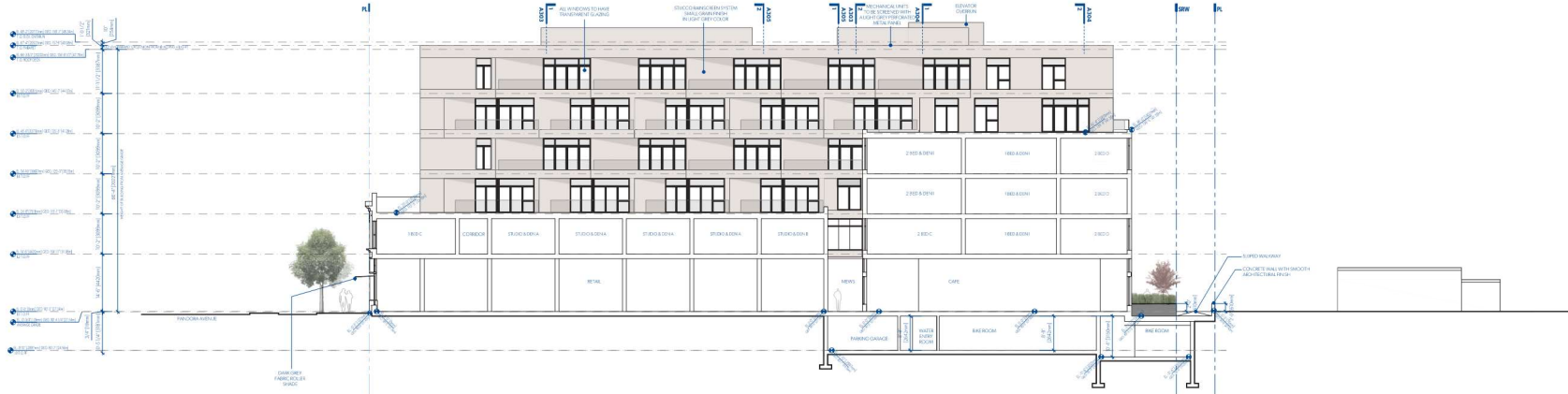
2 **COOK STREET STREETSCAPE**
A251 NTS

2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

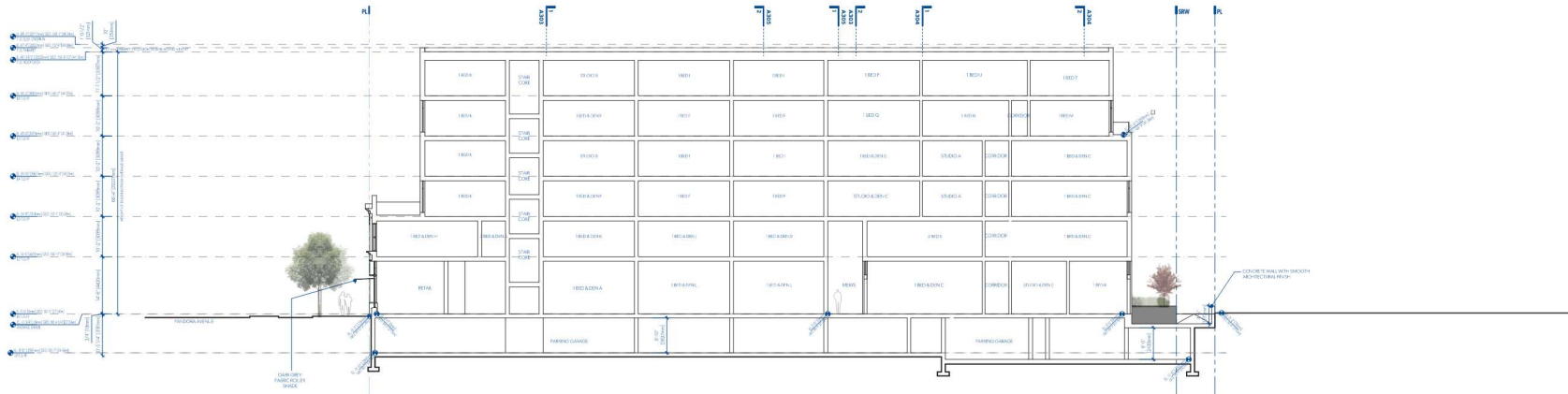
DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001



1 SECTION LOOKING WEST THROUGH EXISTING BUILDING & NEW 4 STOREY VOLUME
A301 1:150



2 SECTION LOOKING WEST THROUGH NEW 6 STOREY VOLUME
A301 1:150



MATERIALITY



LIGHT GREY & MID GREY COLOURED STUCCO FINISH WITH WALL SYSTEM PLAIN LIGHT GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING ORNAMENTAL DETAILING REFLECTED TO HERITAGE COLOUR PALETTE



JULIET BALCONIES WITH CLEAR GLASS ORNAMENTAL SPACE WINDOWS FACING TRAINING GREEN PARK & HARRIS GREEN PARK

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

2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

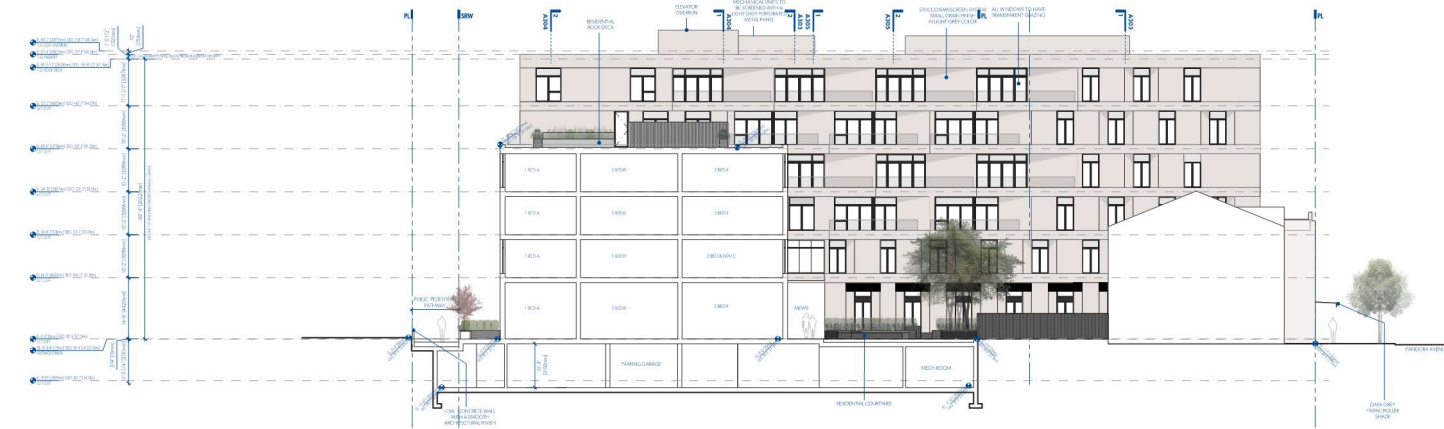
DATE	REVISION	DESCRIPTION
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PARKWAY

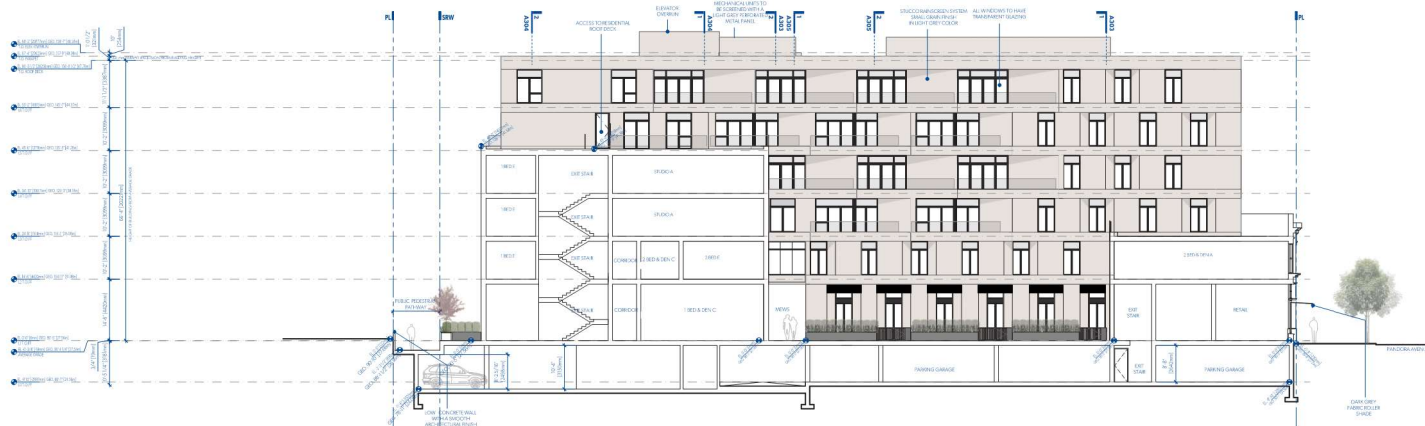
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A301

SECTIONS



1 SECTION LOOKING EAST THROUGH NEW 4 STOREY VOLUME
A302 1:150



2 SECTION LOOKING EAST THROUGH NEW 4 STOREY VOLUME & EXISTING BUILDING
A302 1:150



MATERIALITY



LIGHT GREY & MID-GREY COLOURED STUCCO FINISH ON WALL SYSTEM IN LIGHT GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING CURVAMENTAL DETAILING RESTORED TO HERITAGE COLOUR PALETTE



BULLET BALCONIES WITH CLEAR GLASS ORIENTING SPACE WINDOWS FACING TOWN OF GREEN PARK & HARRIS GREEN PARK

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

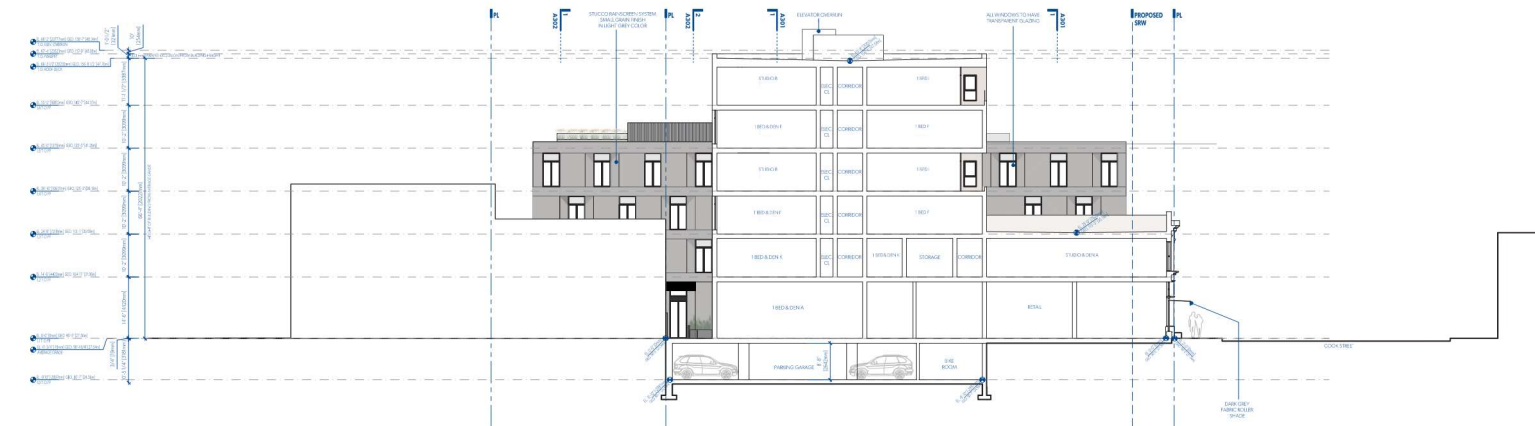
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2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

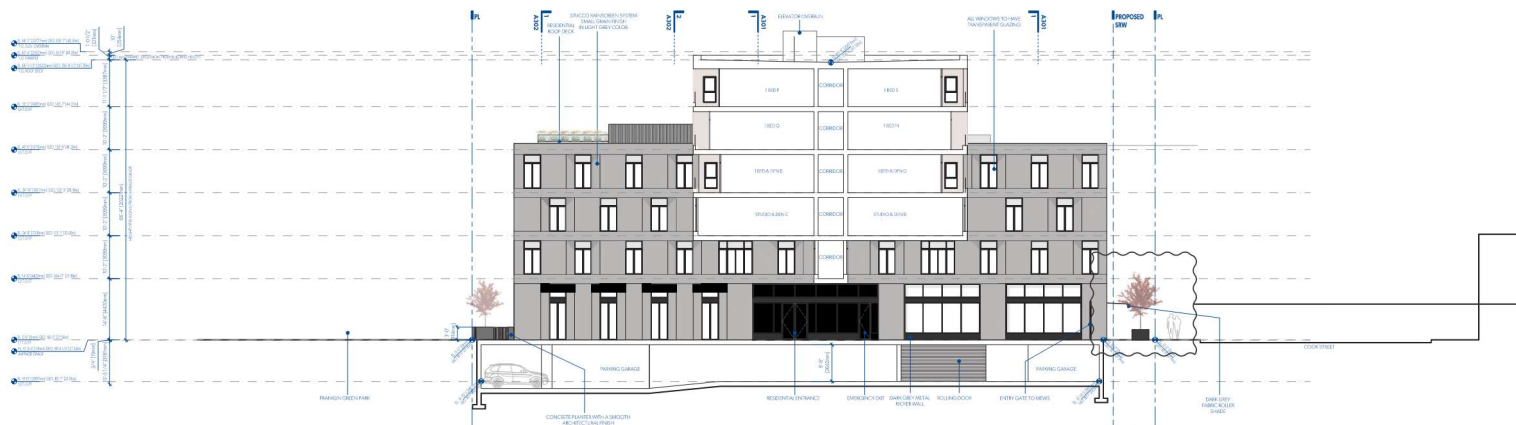
PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A302
SECTIONS



1 SECTION LOOKING NORTH THROUGH EXISTING BUILDING & NEW 6 STOREY VOLUME
A303 1:150



2 SECTION LOOKING NORTH THROUGH NEW 6 STOREY VOLUME
A303 1:150



MATERIALITY



LIGHT GREY & MID GREY COLOURED STUCCO FINISH ON WALL SYSTEM IN A LIGHT GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING CURVILINEAR DETAILING REFLECTED TO HERITAGE COLOUR PALETTE



BULLET BALCONIES WITH CLEAR GLASS ORIENTING SPACE WINDOWS FACING TOWN OF GREEN PARK & HARRIS GREEN PARK

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

2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
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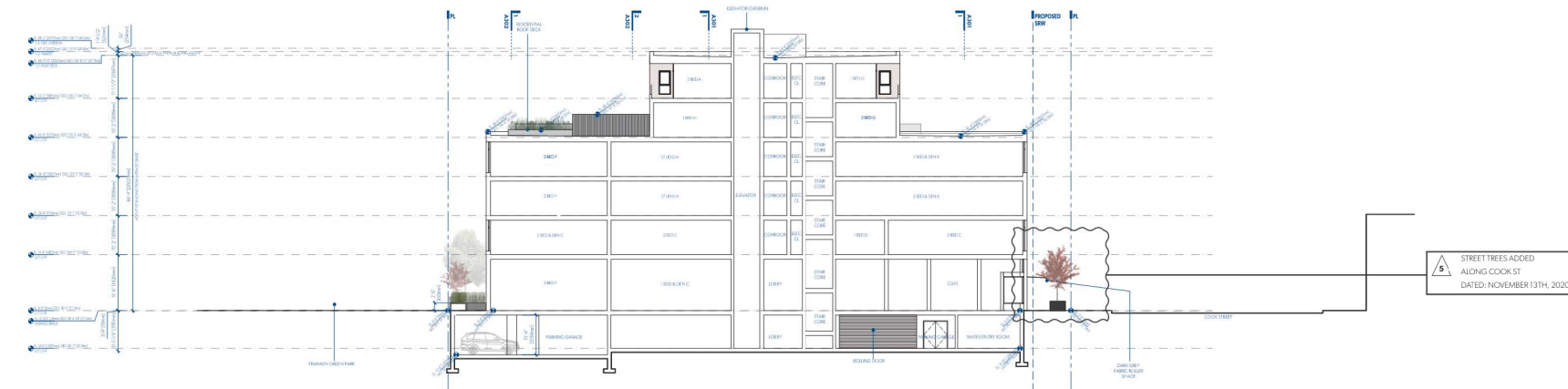
DATE	REVISION	DESCRIPTION
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PARKWAY

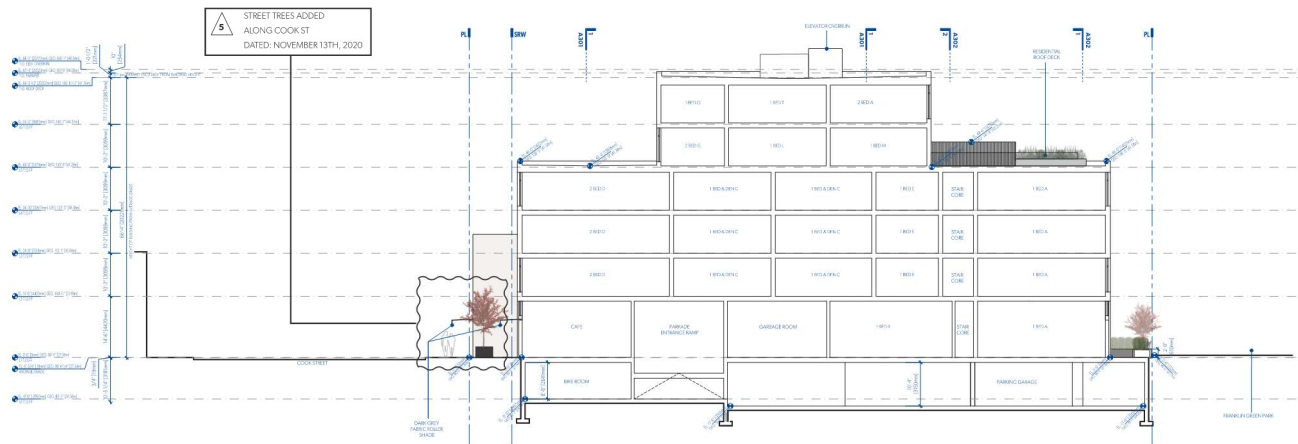
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A303
SECTIONS

STREET TREES ADDED
ALONG COOK ST
DATED: NOVEMBER 13TH, 2020



1 SECTION LOOKING NORTH THROUGH NEW 4 & 6 STOREY VOLUME
A304 1:150



2 SECTION LOOKING SOUTH THROUGH NEW 4 & 6 STOREY VOLUME
A304 1:150



MATERIALITY



LIGHT GREY & MID GREY COLOURED STUCCO FINISH ON WALL SYSTEM IN A LIGHT GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING CURVILINEAR DETAILING RESTORED TO HERITAGE COLOUR PALETTE



JULIET BALCONIES WITH CLEAR GLASS ORIENTING SPACE WINDOWS FACING TOWN AND GREEN PARK & HARRIS GREEN PARK

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

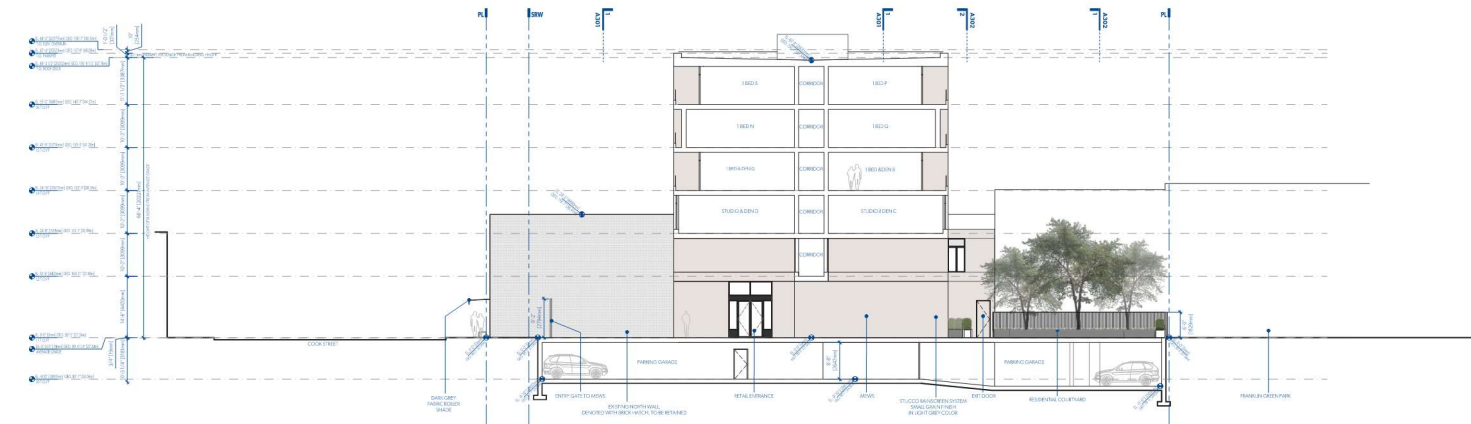
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2019-10-30	△	REVISED FOR REZONING
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2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

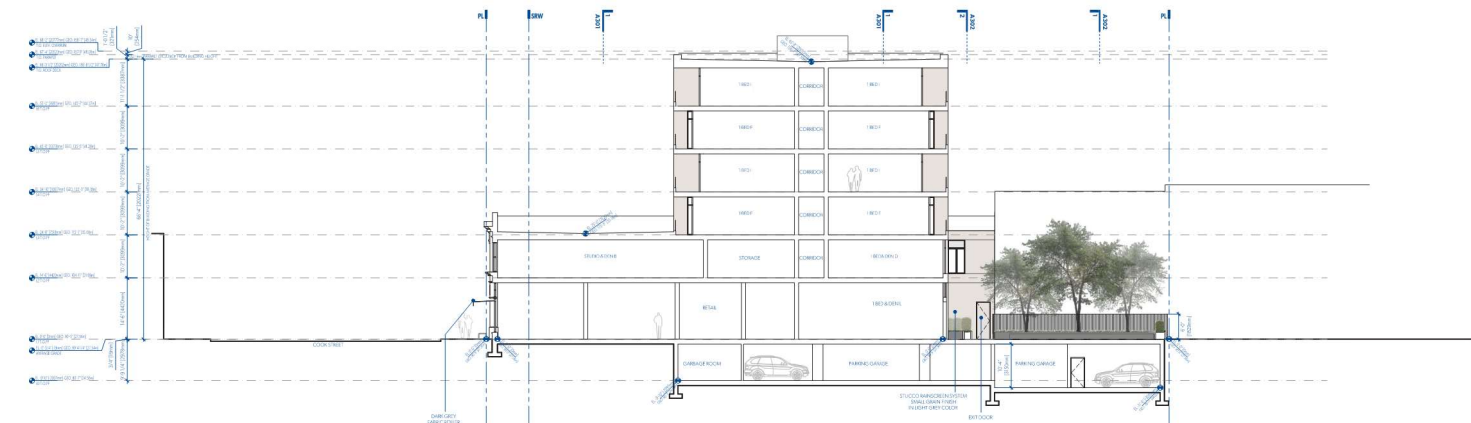
PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A304
SECTIONS



1 SECTION LOOKING SOUTH THROUGH NEW 6 STOREY VOLUME
A305 1:150



2 SECTION LOOKING SOUTH THROUGH EXISTING BUILDING NEW 6 STOREY VOLUME
A305 1:150



MATERIALITY



LIGHT GREY & MID GREY COLOURED STUCCO FINISH WITH WHITE PLASTER GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING ORNAMENTAL DETAILING RETURNED TO HERITAGE COLOUR PALETTE



SILVER BALCONIES WITH CLEAR GLASS ORNAMENTAL SPACE WINDOWS FACING TRAINING GREEN PARK & HARRIS GREEN PARK

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

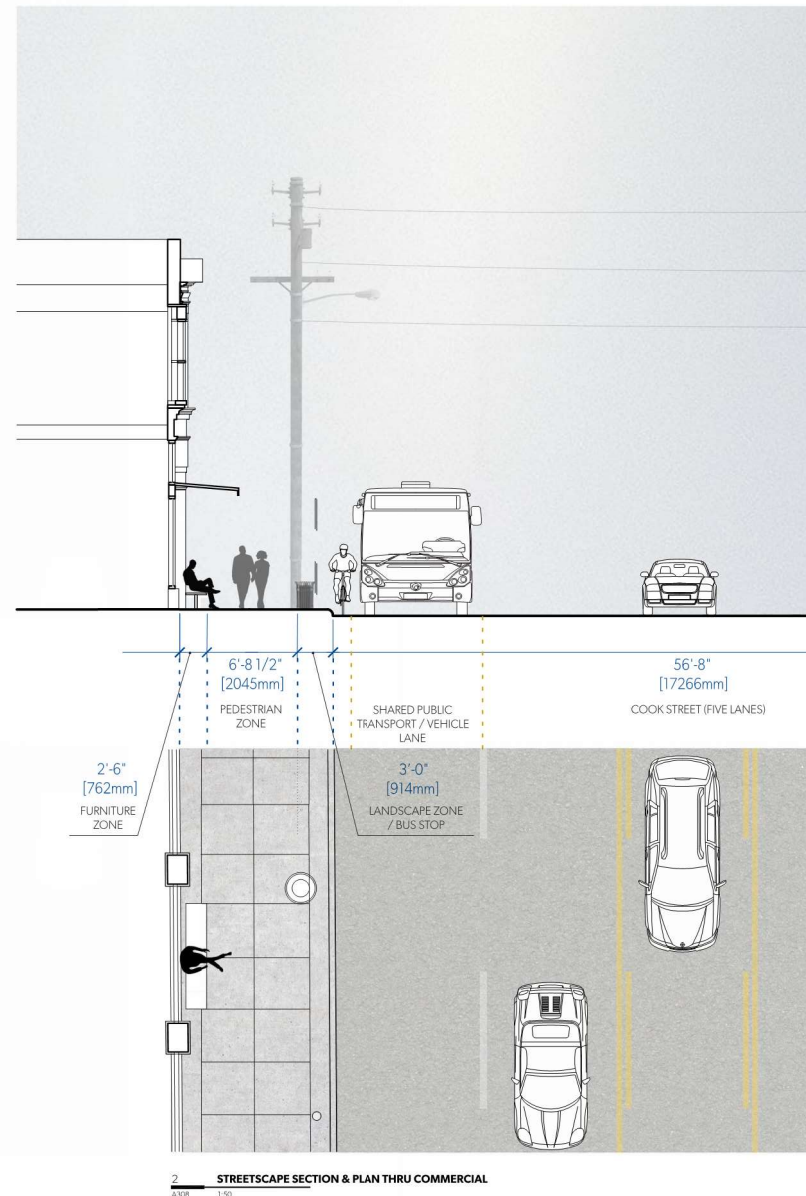
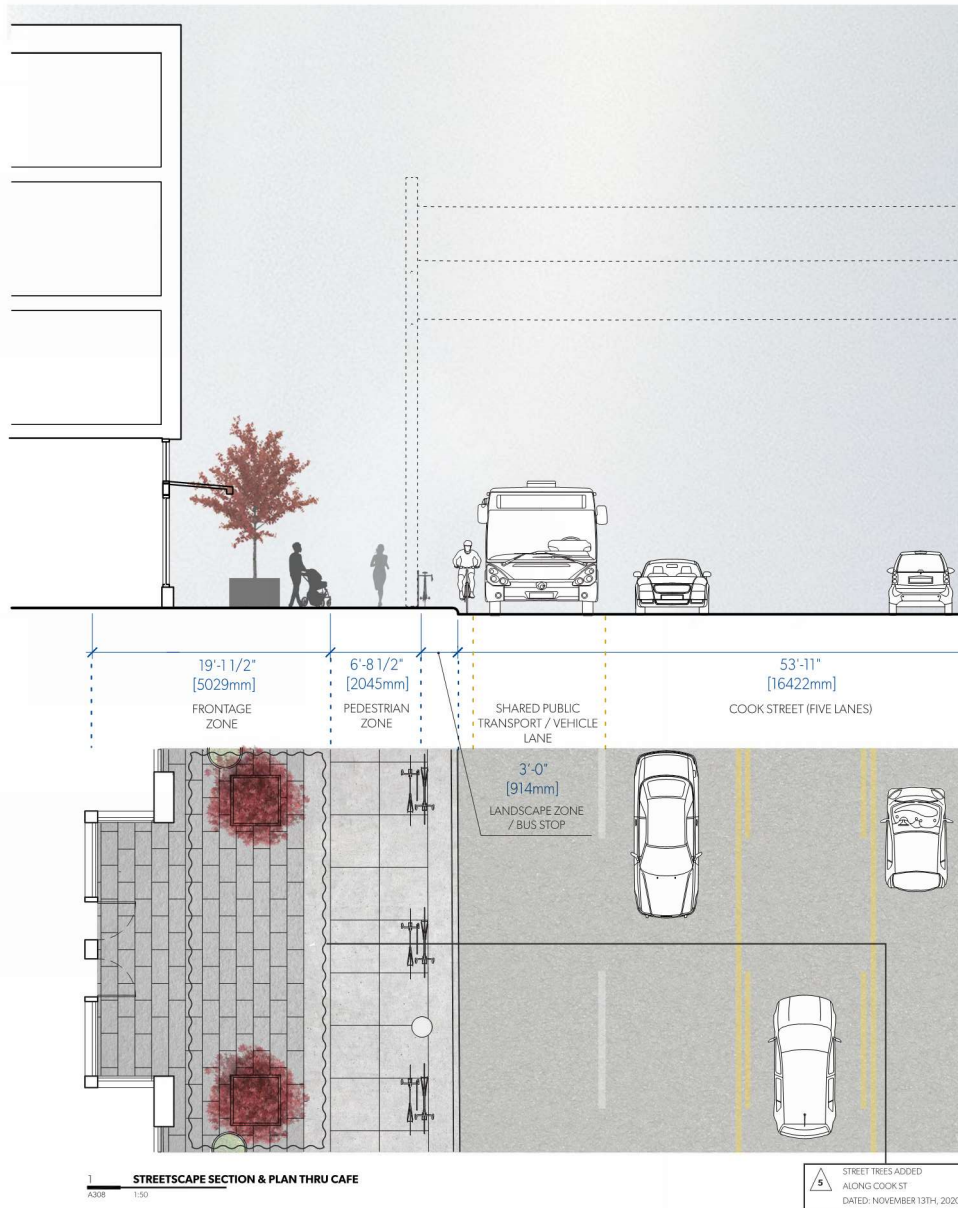
2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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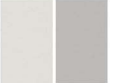
PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A305
SECTIONS



MATERIALITY



LIGHT GREY & MID GREY COLOURED STUCCO MASONRY WALL SYSTEM IN A LIGHT GRAY FINISH



TRANSPARENT GLAZING WITH DARK GREY FRAMES



EXISTING WHITE GLAZED BRICK



EXISTING CURVAMENTAL DETAILING RESTORED TO HERITAGE COLOUR PALETTE



SILVER BALCONIES WITH CLEAR GLASS ORIENTING SPACE WINDOWS FACING TOWN

GREEN PARK

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

2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

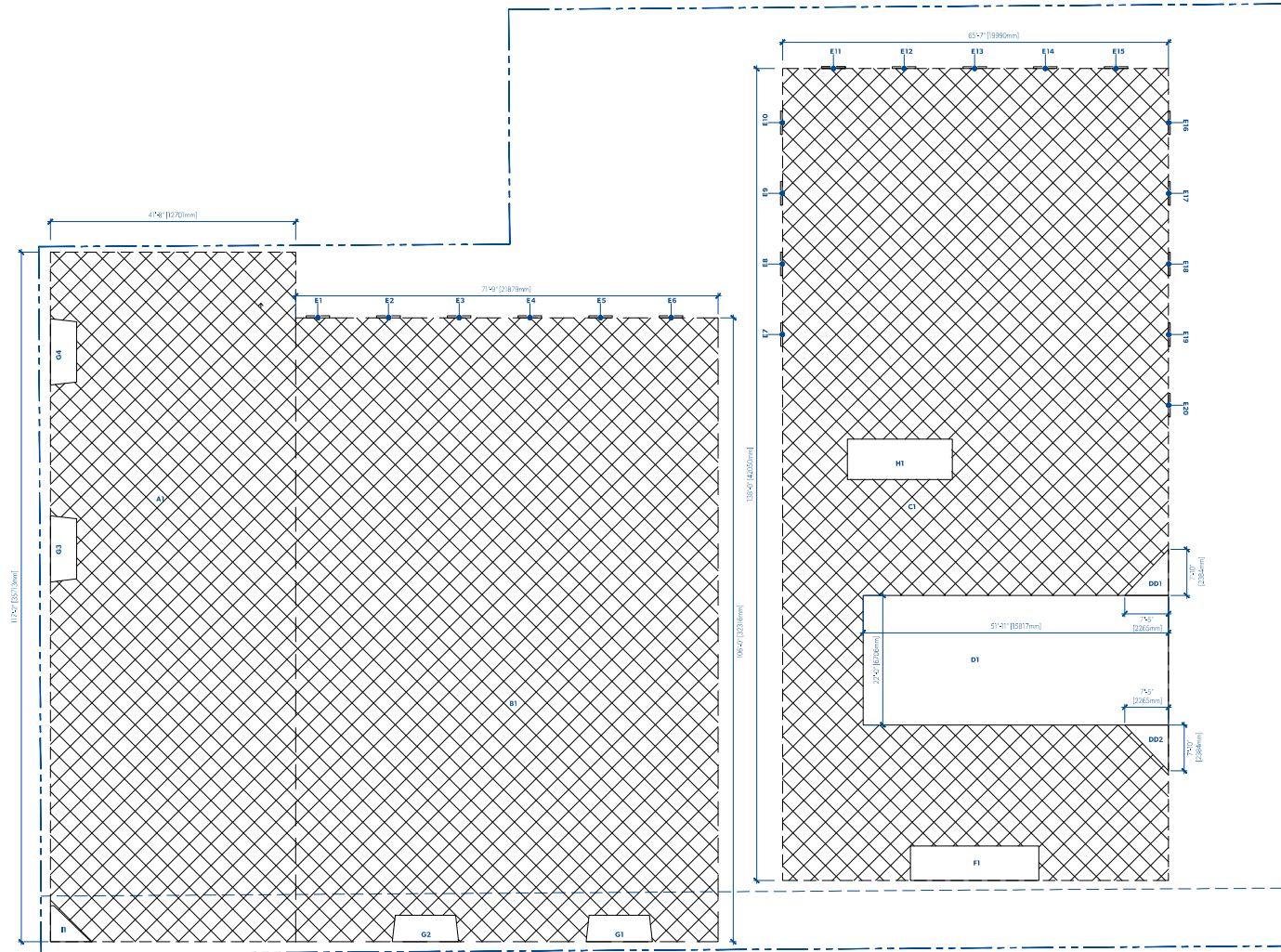
DATE	REVISION	DESCRIPTION
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PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A308

STREETSCAPE CROSS SECTIONS



LEVEL 1					
	GR. AREA	14071	AREA	CPY	TOTAL
CONCRETE					
10	10.00	1.00	10.00	1.00	10.00
11	10.00	1.00	10.00	1.00	10.00
12	10.00	1.00	10.00	1.00	10.00
13	10.00	1.00	10.00	1.00	10.00
14	10.00	1.00	10.00	1.00	10.00
15	10.00	1.00	10.00	1.00	10.00
16	10.00	1.00	10.00	1.00	10.00
17	10.00	1.00	10.00	1.00	10.00
18	10.00	1.00	10.00	1.00	10.00
19	10.00	1.00	10.00	1.00	10.00
20	10.00	1.00	10.00	1.00	10.00
21	10.00	1.00	10.00	1.00	10.00
22	10.00	1.00	10.00	1.00	10.00
23	10.00	1.00	10.00	1.00	10.00
24	10.00	1.00	10.00	1.00	10.00
25	10.00	1.00	10.00	1.00	10.00
26	10.00	1.00	10.00	1.00	10.00
27	10.00	1.00	10.00	1.00	10.00
28	10.00	1.00	10.00	1.00	10.00
29	10.00	1.00	10.00	1.00	10.00
30	10.00	1.00	10.00	1.00	10.00
31	10.00	1.00	10.00	1.00	10.00
32	10.00	1.00	10.00	1.00	10.00
33	10.00	1.00	10.00	1.00	10.00
34	10.00	1.00	10.00	1.00	10.00
35	10.00	1.00	10.00	1.00	10.00
36	10.00	1.00	10.00	1.00	10.00
37	10.00	1.00	10.00	1.00	10.00
38	10.00	1.00	10.00	1.00	10.00
39	10.00	1.00	10.00	1.00	10.00
40	10.00	1.00	10.00	1.00	10.00
41	10.00	1.00	10.00	1.00	10.00
42	10.00	1.00	10.00	1.00	10.00
43	10.00	1.00	10.00	1.00	10.00
44	10.00	1.00	10.00	1.00	10.00
45	10.00	1.00	10.00	1.00	10.00
46	10.00	1.00	10.00	1.00	10.00
47	10.00	1.00	10.00	1.00	10.00
48	10.00	1.00	10.00	1.00	10.00
49	10.00	1.00	10.00	1.00	10.00
50	10.00	1.00	10.00	1.00	10.00
51	10.00	1.00	10.00	1.00	10.00
52	10.00	1.00	10.00	1.00	10.00
53	10.00	1.00	10.00	1.00	10.00
54	10.00	1.00	10.00	1.00	10.00
55	10.00	1.00	10.00	1.00	10.00
56	10.00	1.00	10.00	1.00	10.00
57	10.00	1.00	10.00	1.00	10.00
58	10.00	1.00	10.00	1.00	10.00
59	10.00	1.00	10.00	1.00	10.00
60	10.00	1.00	10.00	1.00	10.00
61	10.00	1.00	10.00	1.00	10.00
62	10.00	1.00	10.00	1.00	10.00
63	10.00	1.00	10.00	1.00	10.00
64	10.00	1.00	10.00	1.00	10.00
65	10.00	1.00	10.00	1.00	10.00
66	10.00	1.00	10.00	1.00	10.00
67	10.00	1.00	10.00	1.00	10.00
68	10.00	1.00	10.00	1.00	10.00
69	10.00	1.00	10.00	1.00	10.00
70	10.00	1.00	10.00	1.00	10.00
71	10.00	1.00	10.00	1.00	10.00
72	10.00	1.00	10.00	1.00	10.00
73	10.00	1.00	10.00	1.00	10.00
74	10.00	1.00	10.00	1.00	10.00
75	10.00	1.00	10.00	1.00	10.00
76	10.00	1.00	10.00	1.00	10.00
77	10.00	1.00	10.00	1.00	10.00
78	10.00	1.00	10.00	1.00	10.00
79	10.00	1.00	10.00	1.00	10.00
80	10.00	1.00	10.00	1.00	10.00
81	10.00	1.00	10.00	1.00	10.00
82	10.00	1.00	10.00	1.00	10.00
83	10.00	1.00	10.00	1.00	10.00
84	10.00	1.00	10.00	1.00	10.00
85	10.00	1.00	10.00	1.00	10.00
86	10.00	1.00	10.00	1.00	10.00
87	10.00	1.00	10.00	1.00	10.00
88	10.00	1.00	10.00	1.00	10.00
89	10.00	1.00	10.00	1.00	10.00
90	10.00	1.00	10.00	1.00	10.00
91	10.00	1.00	10.00	1.00	10.00
92	10.00	1.00	10.00	1.00	10.00
93	10.00	1.00	10.00	1.00	10.00
94	10.00	1.00	10.00	1.00	10.00
95	10.00	1.00	10.00	1.00	10.00
96	10.00	1.00	10.00	1.00	10.00
97	10.00	1.00	10.00	1.00	10.00
98	10.00	1.00	10.00	1.00	10.00
99	10.00	1.00	10.00	1.00	10.00
100	10.00	1.00	10.00	1.00	10.00



MICHAEL GREEN ARCHITECTURE
1535 W 3RD AVENUE, VANCOUVER BC
CANADA V6J 1B8

- 2020-01-13 REVISION FOR REZONING
- 2020-01-13 REVISION FOR REZONING
- 2020-01-20 REVISION FOR REZONING
- 2019-10-30 REVISION FOR REZONING
- 2019-09-13 REVISION FOR REZONING
- 2019-05-15 REVISION FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A801
FSR LEVEL 1

1 FSR LEVEL 1
A801 1:100



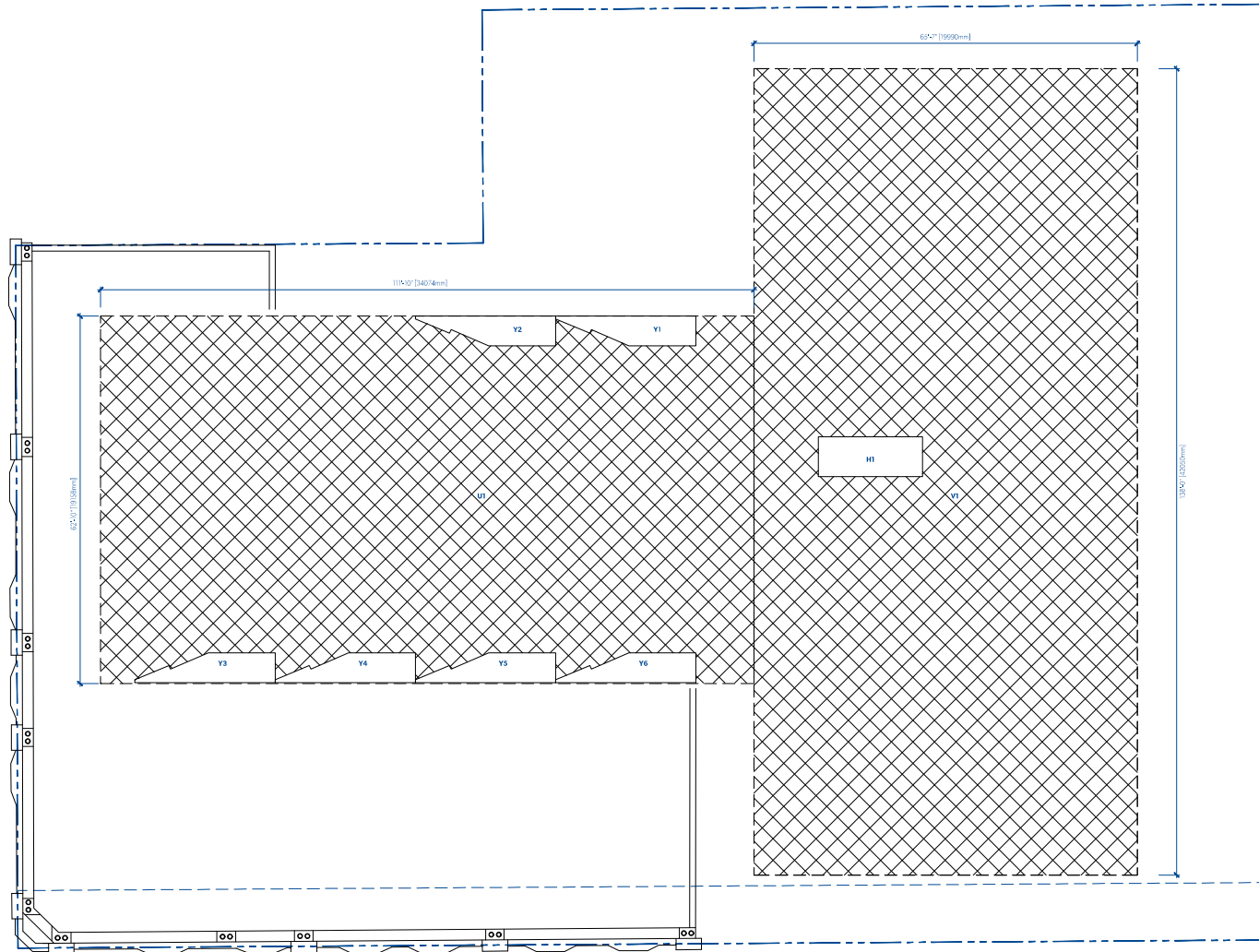
2020-11-13		REVISED FOR REZONING
2020-07-15		REVISED FOR REZONING
2020-03-20		REVISED FOR REZONING
2019-10-30		REVISED FOR REZONING
2019-09-13		REVISED FOR REZONING
2019-05-15		ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A802

FSR LEVEL 2



LEVEL 3					
	GR. COPI	18011	AREA	COPI	TOTAL
DEVELOPER	100.00	1	100.00	1	100.00
Y1	40.00	1	40.00	1	40.00
TOTAL GROSS AREA	140.00	2	140.00	2	280.00
AREAS TO BE REMOVED					
Y1	1.00	1	1.00	1	1.00
Y2	1.00	1	1.00	1	1.00
TOTAL DEVIATION	2.00	2	2.00	2	4.00
TOTAL GROSS AREA	138.00	0	138.00	0	276.00
TOTAL NET AREA	136.00	0	136.00	0	272.00
VARIATIONS					
DEVELOPER	100.00	1	100.00	1	100.00
Y1	40.00	1	40.00	1	40.00
Y2	1.00	1	1.00	1	1.00
Y3	1.00	1	1.00	1	1.00
TOTAL NET AREA	142.00	4	142.00	4	568.00



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

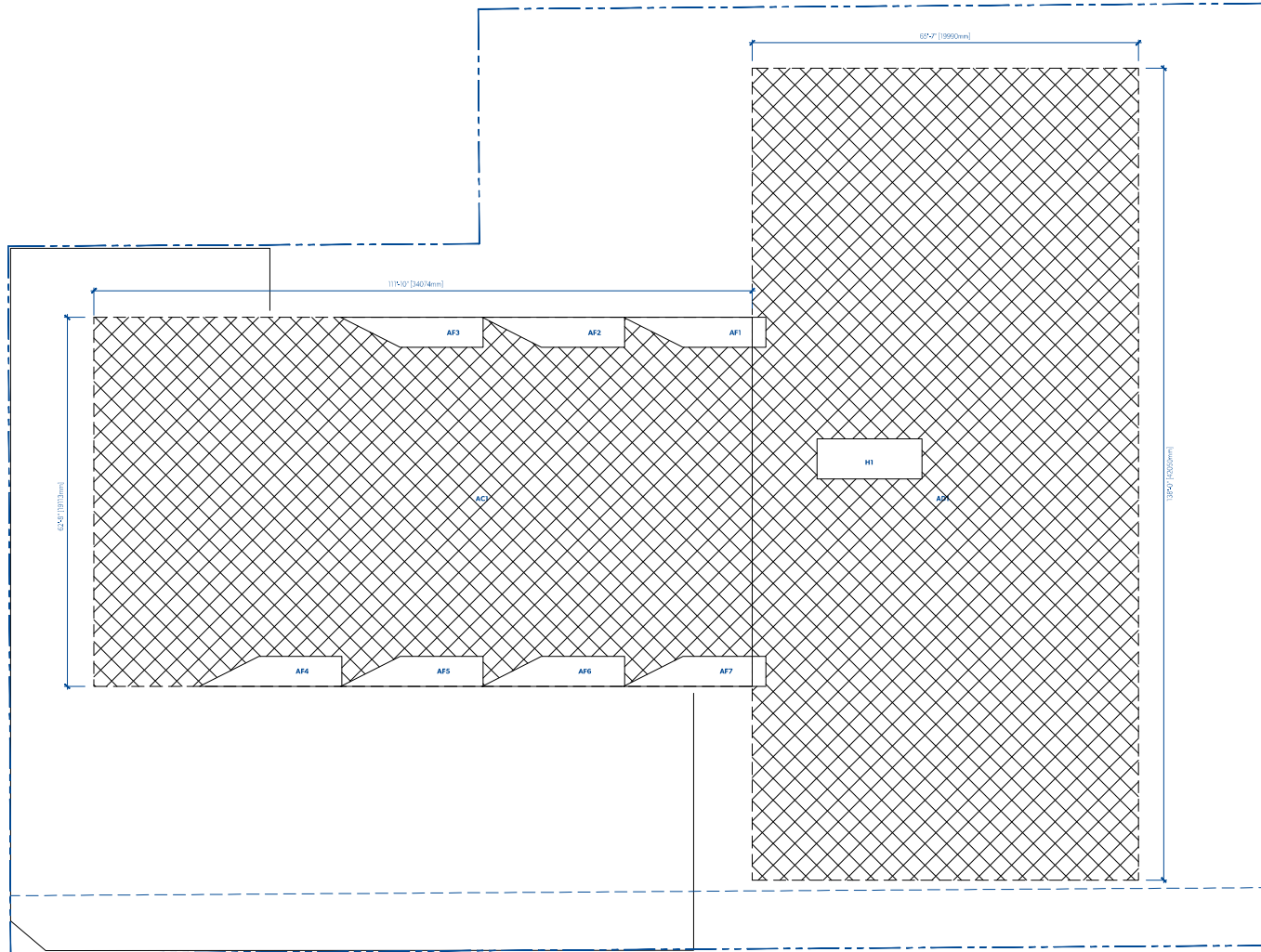
- 2020-11-13 REVISED FOR REZONING
- 2020-09-15 REVISED FOR REZONING
- 2020-09-20 REVISED FOR REZONING
- 2019-10-30 REVISED FOR REZONING
- 2019-09-13 REVISED FOR REZONING
- 2019-05-15 ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A803
FSR LEVEL 3

1 FSR LEVEL 3
A803 1:100



LEVEL 4					
	GR. COPI	18011	AREA	CFY	TOTAL
DEVELOPER	8.1	1	18011	1	18011
AF1	40.00	1	18011	1	18011
AF2	40.00	1	18011	1	18011
AF3	40.00	1	18011	1	18011
AF4	40.00	1	18011	1	18011
AF5	40.00	1	18011	1	18011
AF6	40.00	1	18011	1	18011
AF7	40.00	1	18011	1	18011
HI	40.00	1	18011	1	18011
AP1	40.00	1	18011	1	18011
TOTAL GROSS AREA					
18011 SQ. FT.					
AREAS TO BE REMOVED					
AF1	40.00	1	18011	1	18011
AF2	40.00	1	18011	1	18011
AF3	40.00	1	18011	1	18011
AF4	40.00	1	18011	1	18011
AF5	40.00	1	18011	1	18011
AF6	40.00	1	18011	1	18011
AF7	40.00	1	18011	1	18011
HI	40.00	1	18011	1	18011
AP1	40.00	1	18011	1	18011
TOTAL DEVELOPER					
18011 SQ. FT.					
TOTAL GROSS AREA					
18011 SQ. FT.					
TOTAL NET AREA					
18011 SQ. FT.					
AF CALCULATIONS					
DEVELOPER	1.00	1	18011	1	18011
AF1	1.00	1	18011	1	18011
AF2	1.00	1	18011	1	18011
AF3	1.00	1	18011	1	18011
AF4	1.00	1	18011	1	18011
AF5	1.00	1	18011	1	18011
AF6	1.00	1	18011	1	18011
AF7	1.00	1	18011	1	18011
HI	1.00	1	18011	1	18011
AP1	1.00	1	18011	1	18011
TOTAL NET AREA					
18011 SQ. FT.					

1 FSR LEVEL 4
AREA 1:100



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

- 2020-11-13 REVISOR FOR REZONING
- 2020-09-15 REVISOR FOR REZONING
- 2020-09-20 REVISOR FOR REZONING
- 2019-10-30 REVISOR FOR REZONING
- 2019-09-13 REVISOR FOR REZONING
- 2019-05-15 ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

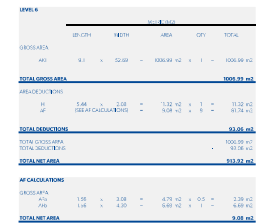
A804
FSR LEVEL 4



MGA






A805
FSR LEVEL 5



MGA
© MGA 2016

ARC Digital Signature
2010

REGISTERED ARCHITECT
BRITISH COLUMBIA
MARCUS G. ANDERSON
00001100

2020-11-13		REVISED FOR REZONING
2020-07-15		REVISED FOR REZONING
2020-03-20		REVISED FOR REZONING
2019-10-30		REVISED FOR REZONING
2019-09-13		REVISED FOR REZONING
2019-05-15		ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A806



STREET TREES ADDED
ALONG COOK ST.
DATED: NOVEMBER 13TH, 2020

VIEW NORTHWEST FROM CORNER OF PANDORA & COOK



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

2020-1-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A811
3D RENDERS



STREET TREES ADDED
ALONG COOK ST
DATED: NOVEMBER 13TH, 2020

VIEW WEST THROUGH RESIDENTIAL MEWS



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

2020-1-13	△	REVISED FOR REZONING
2020-7-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A812
3D RENDERS



STREET TREES ADDED
ALONG COOK ST
DATED: NOVEMBER 13TH, 2020

1 VIEW SOUTHWEST FROM COOK STREET
A813



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

2020-1-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A813
3D RENDERS



1 VIEW EAST TO COURTYARD
A810

MGA
ARCHITECTS



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

2020-11-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-05-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A814
3D RENDERS



1 BALCONY STUDY
A810



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

2020-1-13	△	REVISED FOR REZONING
2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE REVISION DESCRIPTION

PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A815
3D RENDERS



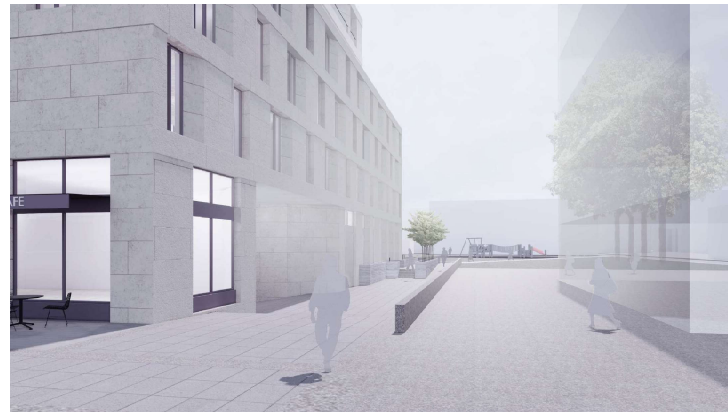
1 **ADJACENT PROPERTY STUDY | VIEW WEST ACROSS COOK STREET**
A817



3 **ADJACENT PROPERTY STUDY | VIEW EAST ACROSS FRANKLIN GREEN PARK**
A817



2 **ADJACENT PROPERTY STUDY | VIEW SOUTHWEST DOWN COOK STREET**
A817



4 **ADJACENT PROPERTY STUDY | VIEW WEST ALONG NORTH WALKWAY**
A817

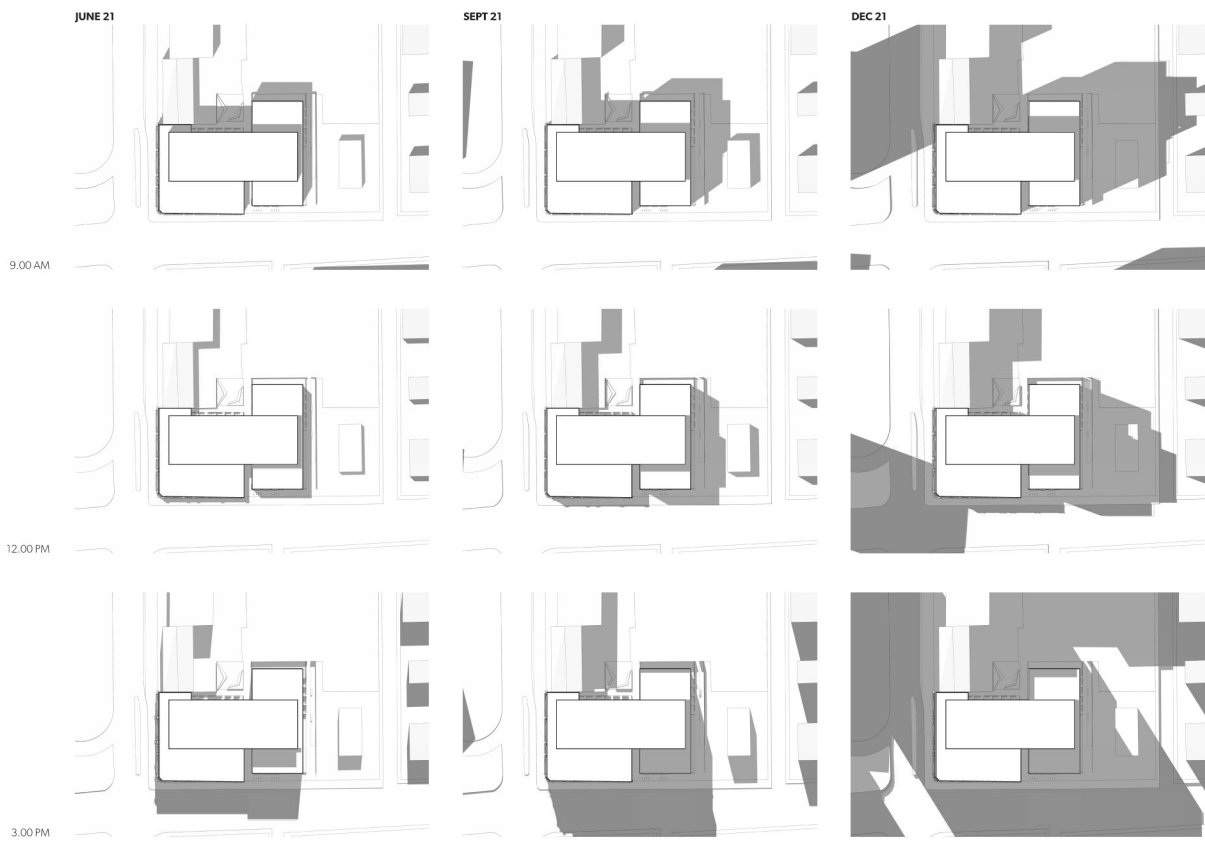
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2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A817
ADJACENT PROPERTY
STUDY



1 SOLAR IMPACT ANALYSIS
A821



MICHAEL GREEN ARCHITECTURE
1535 W 3RD AVENUE, VANCOUVER BC
CANADA V5J1J8

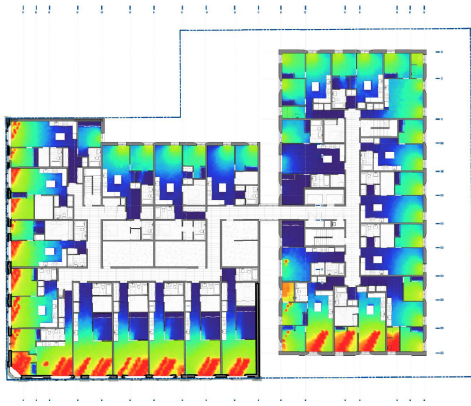
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2020-07-15	△	REVISED FOR REZONING
2020-03-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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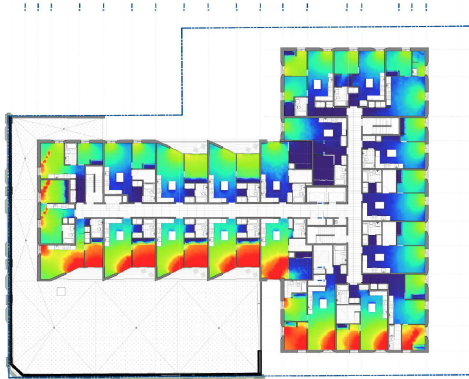
PARKWAY
1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

A821

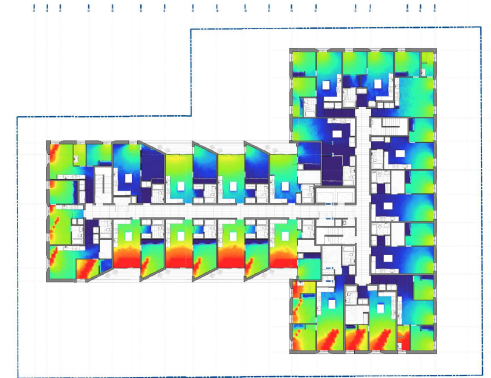
SOLAR IMPACT ANALYSIS



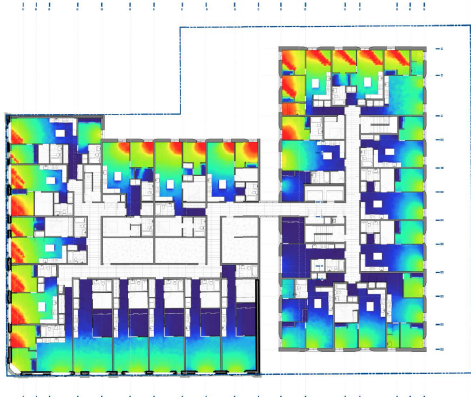
1 LEVEL 2, 9:00 AM, 14.50 (LUX)
A822



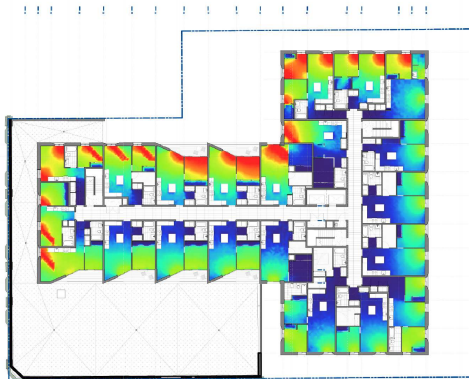
3 LEVEL 3, 9:00 AM, 24.67 (LUX)
A822



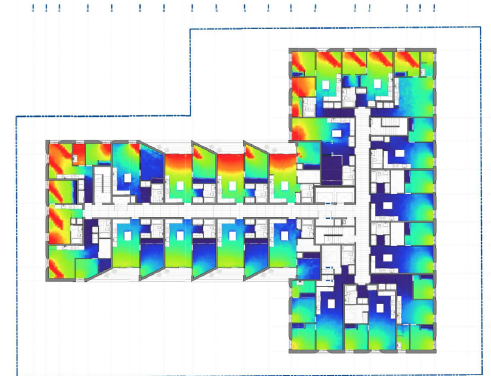
5 LEVEL 4, 9:00 AM, 34.83 (LUX)
A822



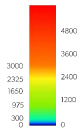
2 LEVEL 2, 3:00 PM, 14.50 (LUX)
A822



4 LEVEL 3, 3:00 PM, 24.67 (LUX)
A822



6 LEVEL 4, 3:00 PM, 34.83 (LUX)
A822



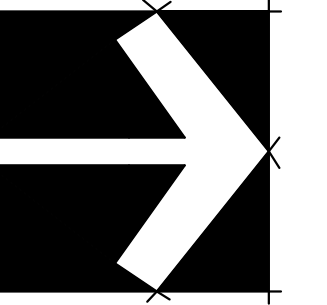
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2020-09-20	△	REVISED FOR REZONING
2019-10-30	△	REVISED FOR REZONING
2019-09-13	△	REVISED FOR REZONING
2019-05-15	△	ISSUED FOR REZONING

DATE	REVISION	DESCRIPTION
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PARKWAY

1050 PANDORA AVE + 1518 COOK STREET
VICTORIA, BC
2018-001

REAL:



15	20.10.29	REV. COOK STREET COMMENTS	BA
10	20.05.03	REV. PER CITY COMMENTS - OFFSITE PAVING	BA
13	20.JUL14	REZONING RESUBMISSION	BA
12	20.JUN.29	REV. PER CLIENT COMMENTS	BA
11	20.FEB.03	ISSUED FOR TENDER	BA
9	19.DEC.05	ISSUED FOR BP	BA
9	19.NOV.28	100% BP SET	BA
8	19.NOV.04	90% CD SET	BA
7	19.OCT.23	NEW GROUND FLOOR PLAN	DD
6	19.OCT.22	REVISION	DD
5	19.OCT.21	NEW SITE PLAN&CLIENT REQUEST	DD
3	19.OCT.03	60% CD SET	BA
2	15.SEP.27	REZONING	BA
1	21.AUG.19	REV. PER CITY/CLIENT COMMENTS	BA
-	19.JUL.29	30% BP SUBMISSION	BA

CLIENT:

PROJECT:

MARKWAY MIXED USE DEVELOPMENT

050 PANDORA AVENUE
VICTORIA, BC

DRAWING TITLE:

LANDSCAPE PLAN

DATE: 19.JUL.10

SCALE: 1:100

RAWN: BA

DESIGN: BA

HK'D:

DRAWING NUMBER:

1

1


1

F 9

8240-15.ZIP

MG PROJECT NUMBER:

8240



BRITISH COLUMBIA SOCIETY OF
REGISTERED
MEMBER
MARYCHAM YIP
177
LANDSCAPE ARCHITECTS

NO.	DATE	REVISION DESCRIPTION	DR.
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OF 9

FURNISHINGS LEGEND		
KEY	QTY	DESCRIPTION
	2	OFFSITE: TYPE A WOOD BENCH WITH BACKREST HERITAGE BENCH; ALUMINUM FRAME, OAK SLATS GLOSSY BLACK (RAL 9017) PER NEW TOWN GUIDELINES
	7	OFFSITE: BIKE RACK CAPACITY 2 STANDARD BIKE RACK, GLOSSY BLACK (RAL 9017) PER NEW TOWN GUIDELINES
	8	ONSITE: BIKE RACK CAPACITY 2 MAGLIN MBR500-S, GLOSS BLACK
	3	TREE GRATE W/ FRAME DOBNEY FOUNDRY ST 48
	4	BARKMAN NEWPORT ROUND 36DX22H, GFRC PLANTER, COLOR EBONY
	2	LITTER RECEPTACLE



CALAMAGROSTIS ACUTIFLORA
'KARL FOERSTER'



BUXUS M. KOREANA



CAREX OSHIMENSIS



LAVENDULA 'MUNSTEAD'



CALAMAGROSTIS BRACHYTRICHA

ROOF LANDSCAPE LEGEND	
KEY	DESCRIPTION
	SEDUM TILE - ETERA 'COLOR MAX'
	SEDUM TILE - ETERA 'ALL SEASONS'
	SEDUM TILE - ETERA 'BLUE MIX'
	BASALT GRAVEL - 50MM CLEAR
	AUTUMN GOLD PEBBLE - NORTHWEST LANDSCAPE SUPPLY 770635 20-30MM
	MEXICAN SUNBURST PEBBLE - NORTHWEST LANDSCAPE SUPPLY MSB1375 25-75MM
	DAZZLING WHITE PEBBLE - NORTHWEST LANDSCAPE SUPPLY 770745 20-30MM



G1 - 'COLOR MAX'



G5 - AUTUMN GOLD PEBBLE



G2 - 'ALL SEASONS'



G6 - MEXICAN SUNBURST PEBBLE



G3 - 'BLUE MAX'



G7 - DAZZLING WHITE PEBBLE



G4 - 50MM CLEAR BASALT GRAVEL









MATERIALS LEGEND	
KEY	DESCRIPTION
	BARKMAN BROADWAY PAVAR 24X12", COLOR GREY
	EXPOCRETE AQUAROC STANDARD SIZE, PERMEABLE PAVAR COLOR GREY
	450MM (18") CONCRETE BAND W/ 1.2M SAWCUT GRID PER VICTORIA NEW TOWN GUIDELINES



P1 - BARKMAN BROADWAY 24X12"



P2 - EXPOCRETE AQUAROC PERMEABLE PAVAR

PLANT SCHEDULE				PMG PROJECT NUMBER: 18240	
KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS	
TREE					
	2	ACER JAPONICUM 'ACONTIFOLIUM'	FERNLEAF FULL MOON MAPLE	2.5M HT; SPECIMEN	
	11	ACER PALMATUM 'HOGYOKU'	JEWEL JAPANESE MAPLE	3M HT; B&B; UPRIGHT FORM	
	5	CORNUS KOUSA 'CHINENSIS'	CHINESE KOUSA DOGWOOD	3M HT; TREE FORM; B&B	
	3	STREET TREE	COORDINATE WITH PARKS DEPT	-	
SHRUB					
	B	90	BUXUS MICROPHYLLA KOREANA	KOREAN BOXWOOD	#3 POT; 40CM
GRASS					
	K	37	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	#1 POT
	C	218	CAREX OSHIMENSIS 'EVERGOLD'	JAPANESE SEDGE	#1 POT
PERENNIAL					
	L	82	LAVENDULA ANGUSTIFOLIA 'MUNSTEAD'	ENGLISH LAVENDER; COMPACT; VIOLET-BLUE	#2 POT
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 FRASER VALLEY. * 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.					

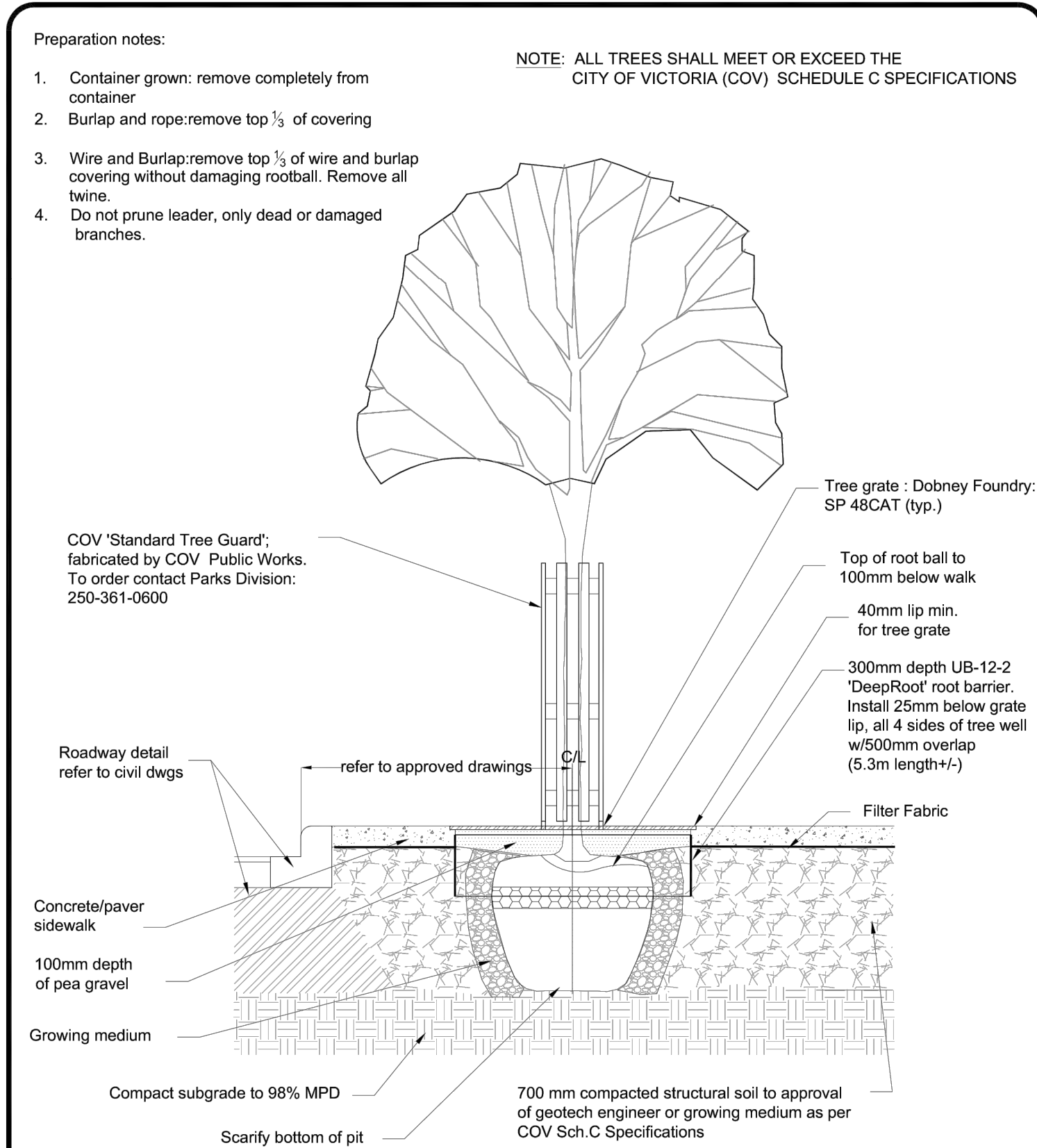
CONTRACTOR TO PROVIDE DESIGN-BUILD HIGH EFFICIENCY IRRIGATION SYSTEM THAT MEETS CURRENT IABC STANDARDS. DEVELOPER AND/OR LANDSCAPE ARCHITECT TO REVIEW DESIGN PRIOR TO INSTALLATION.



1.8M (6') HT. PERIMETER FENCE AND GATE AT COURTYARD
2.2M (9'-2") HT. FENCE AND GATE AT ENTRANCE TO MEWS



1.07M (42") HT. FENCE AND GATES AT PATIOS

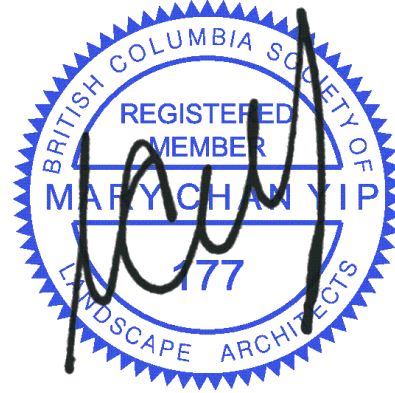


VICTORIA Parks Division		File: v:\design\construct_design\spec\construct_details\PS00050_P5	
TITLE: Tree Planting in Sidewalk with Tree Guard		SCALE: Not to Scale	DRAWING SD-P5
		DATE: Feb.27, 2018	
		DWN.: APP'D.:	

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Burnaby, British Columbia, V5C 6G9
p: 604 294-0011 ; f: 604 294-0022

SEAL:



15	20.OCT.29	REV. COOK STREET FRONTAGE	BA
14	20.SEP.03	REV. PER CITY COMMENTS - OFFSITE PAVING	BA
13	20.JUL.14	REZONING RESUBMISSION	BA
12	20.JUN.29	REV. PER CLIENT COMMENTS	BA
11	20.FEB.03	ISSUED FOR TENDER	BA
10	19.DEC.05	ISSUED FOR BP	BA
9	19.NOV.28	100% BP SET	BA
8	19.NOV.04	90% CD SET	BA
7	19.OCT.23	NEW GROUND FLOOR PLAN	DD
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5	19.OCT.21	NEW SITE PLAN/CLIENT REQUEST	DD
3	19.OCT.03	60% CD SET	BA
2	19.SEP.27	REZONING	BA
1	21.AUG.19	REV. PER CITY/CLIENT COMMENTS	BA
-	19.JUL.29	30% BP SUBMISSION	BA

NO. DATE REVISION DESCRIPTION DR.

CLIENT:

PROJECT:

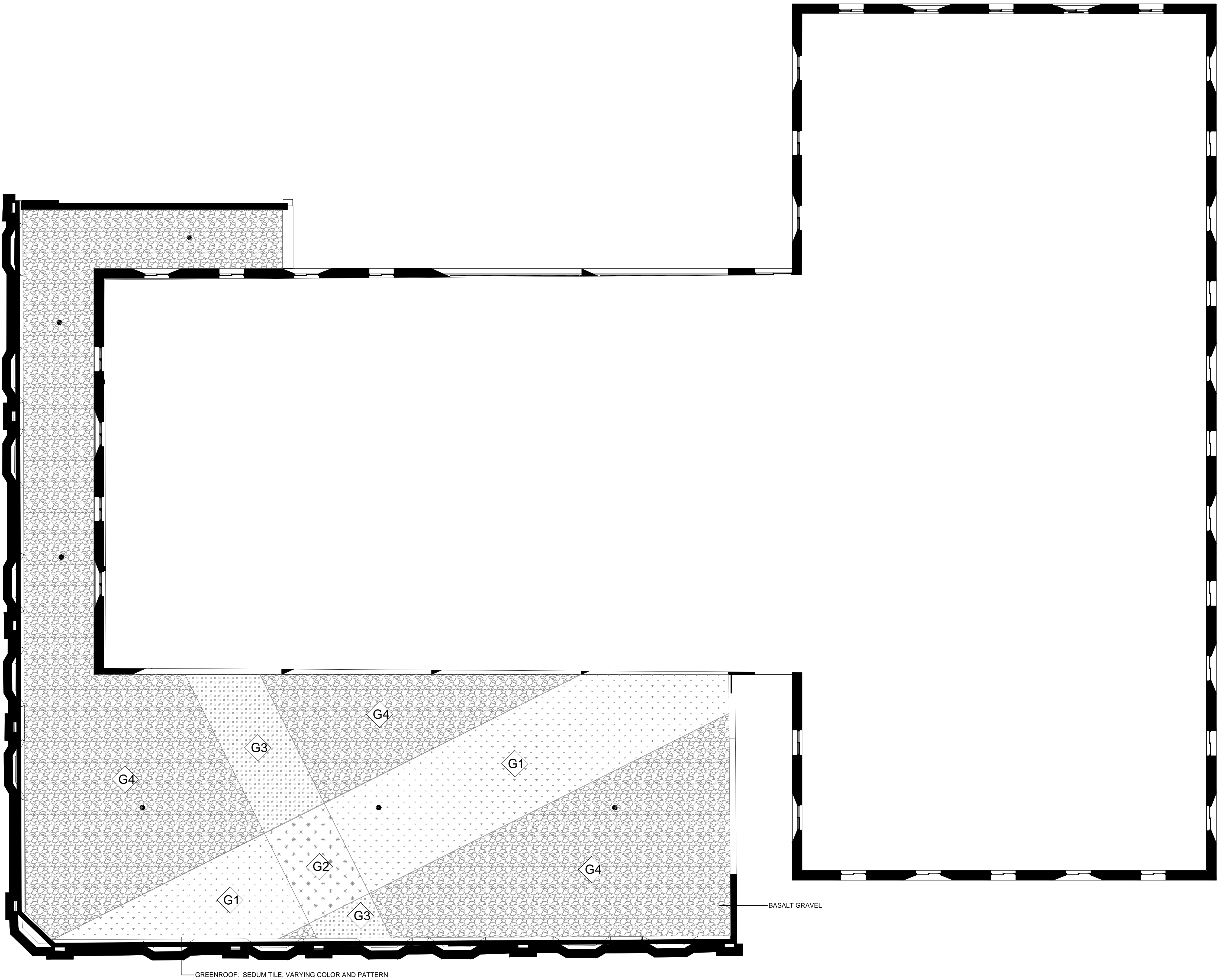
**PARKWAY
MIXED USE DEVELOPMENT**

**1050 PANDORA AVENUE
VICTORIA, BC**

DRAWING TITLE:

**LANDSCAPE
DETAILS**

DATE: 19.JUL.10 DRAWING NUMBER:
SCALE: AS SHOWN
DRAWN: BA
DESIGN: BA
CHK'D:
L3
OF 9



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NO.	DATE	REVISION DESCRIPTION	DR.

CLIENT:

PROJECT:

**PARKWAY
MIXED USE DEVELOPMENT**

**1050 PANDORA AVENUE
VICTORIA, BC**

DRAWING TITLE:

**LEVEL 3
ROOF LANDSCAPE**

DATE: 19.JUL.10 DRAWING NUMBER:
SCALE: 1:100
DRAWN: BA
DESIGN: BA
CHK'D: **L4**
OF 9

NO.	DATE	REVISION DESCRIPTION	DR
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PROJECT:

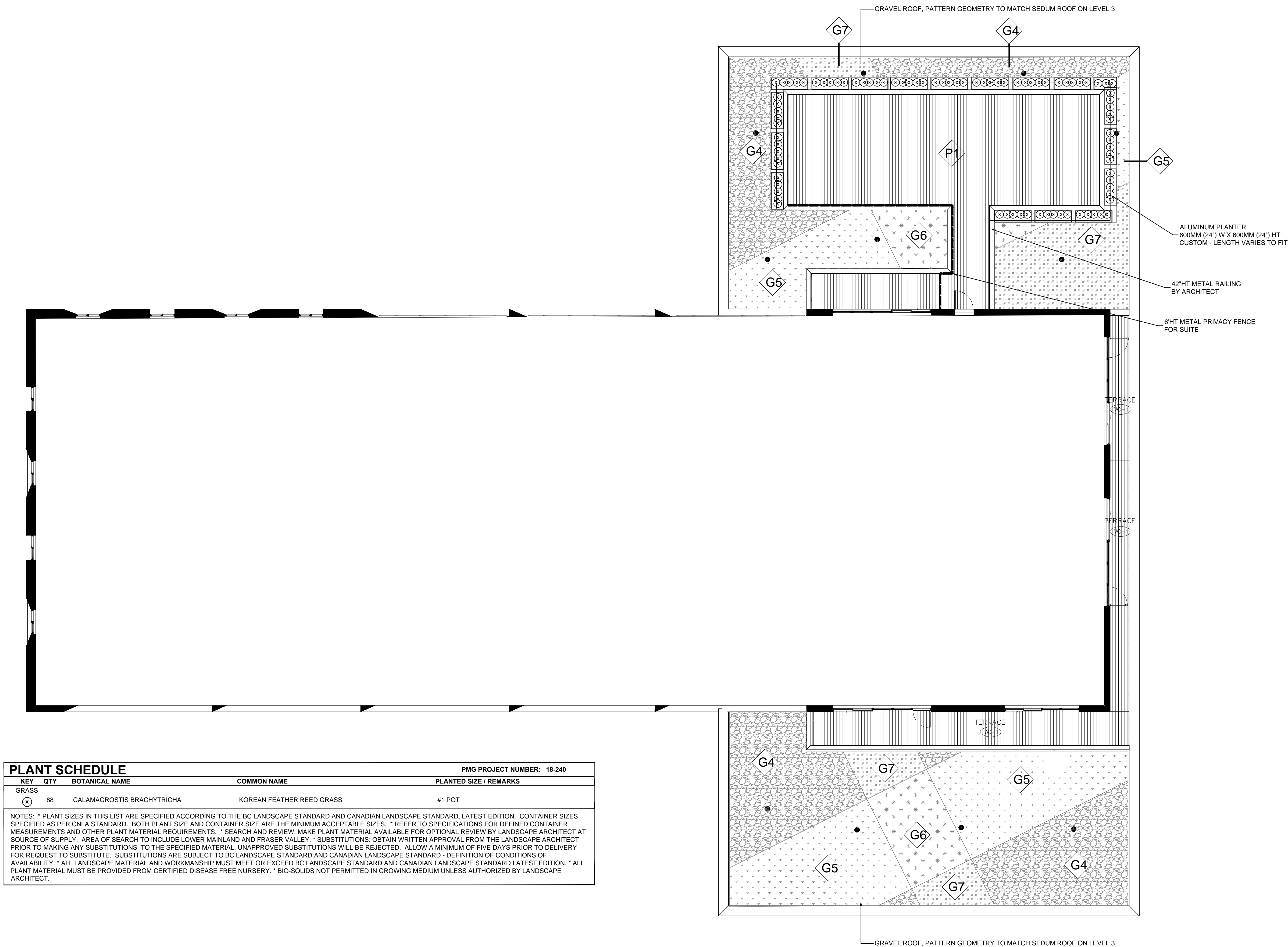
**1050 PANDORA AVENUE
VICTORIA, BC**

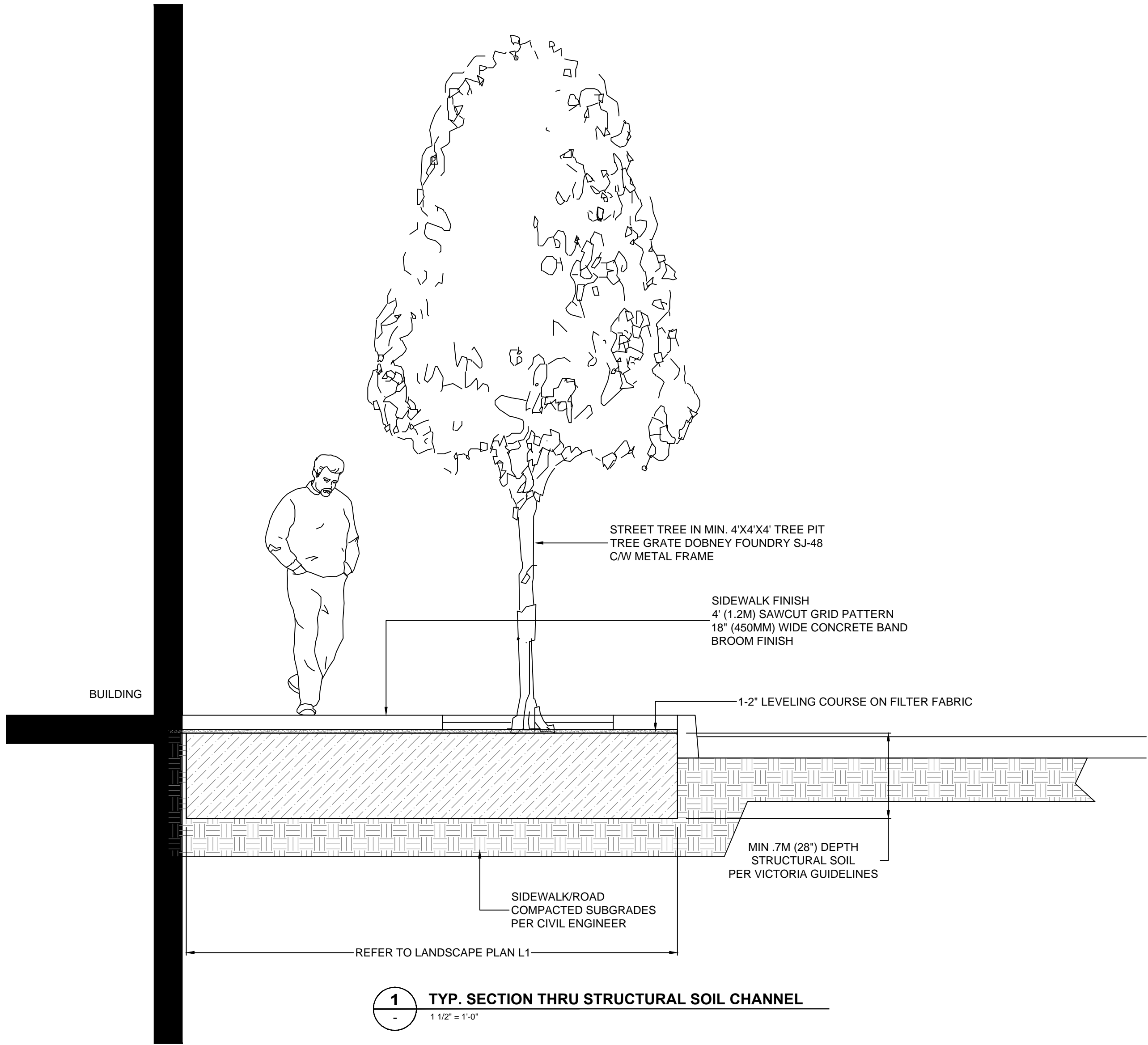
LEVEL 5 ROOF LANDSCAPE

CHK'D:

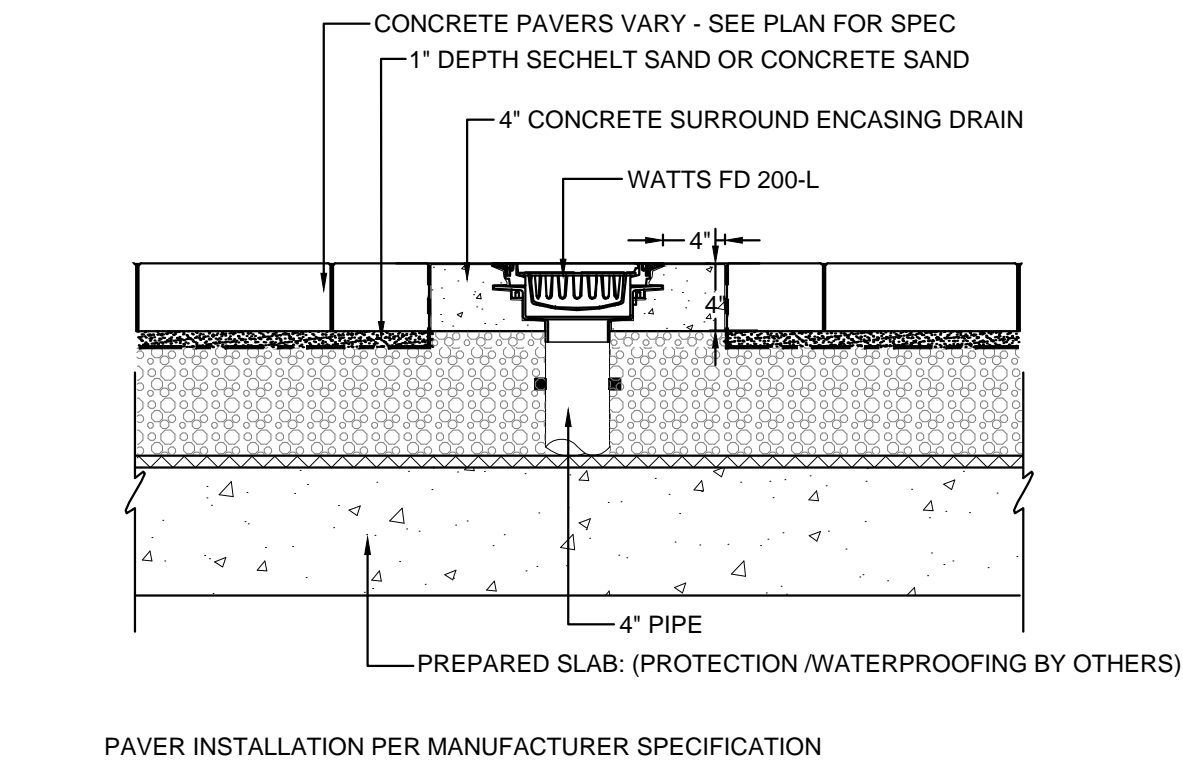
OF 9

18240

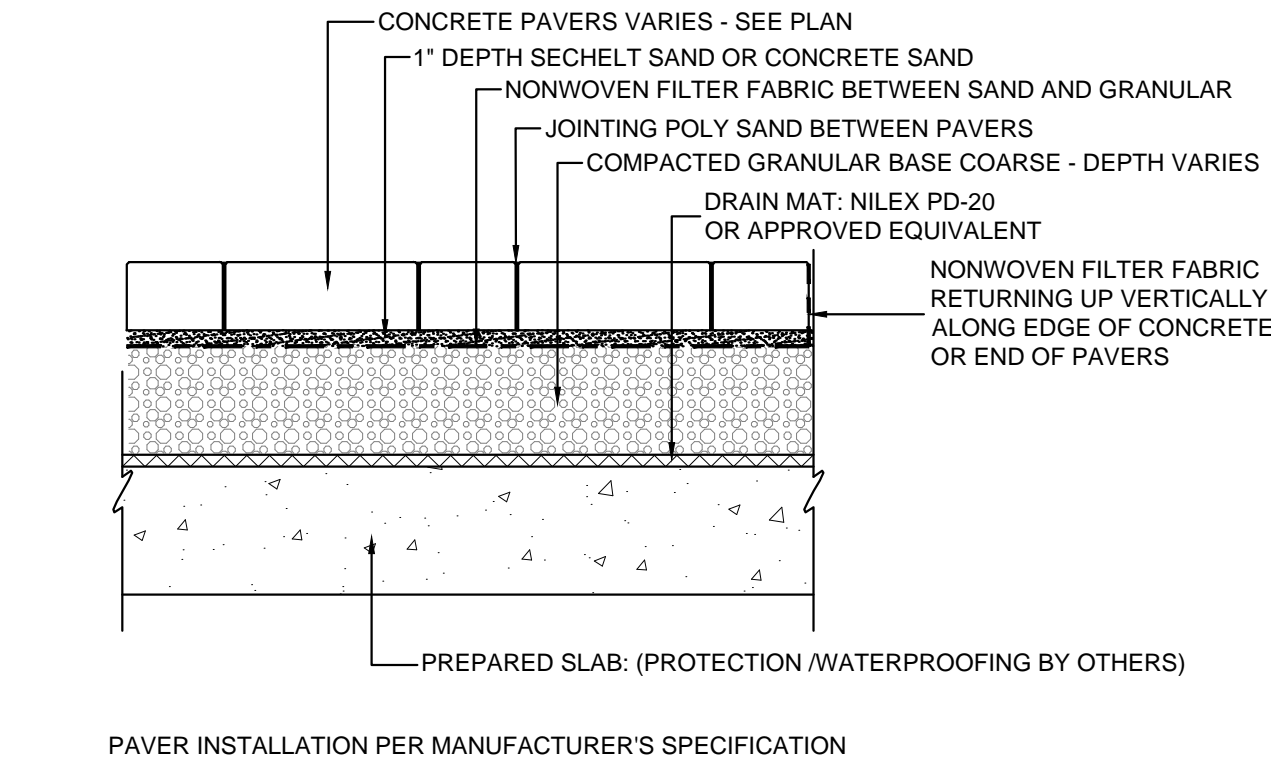




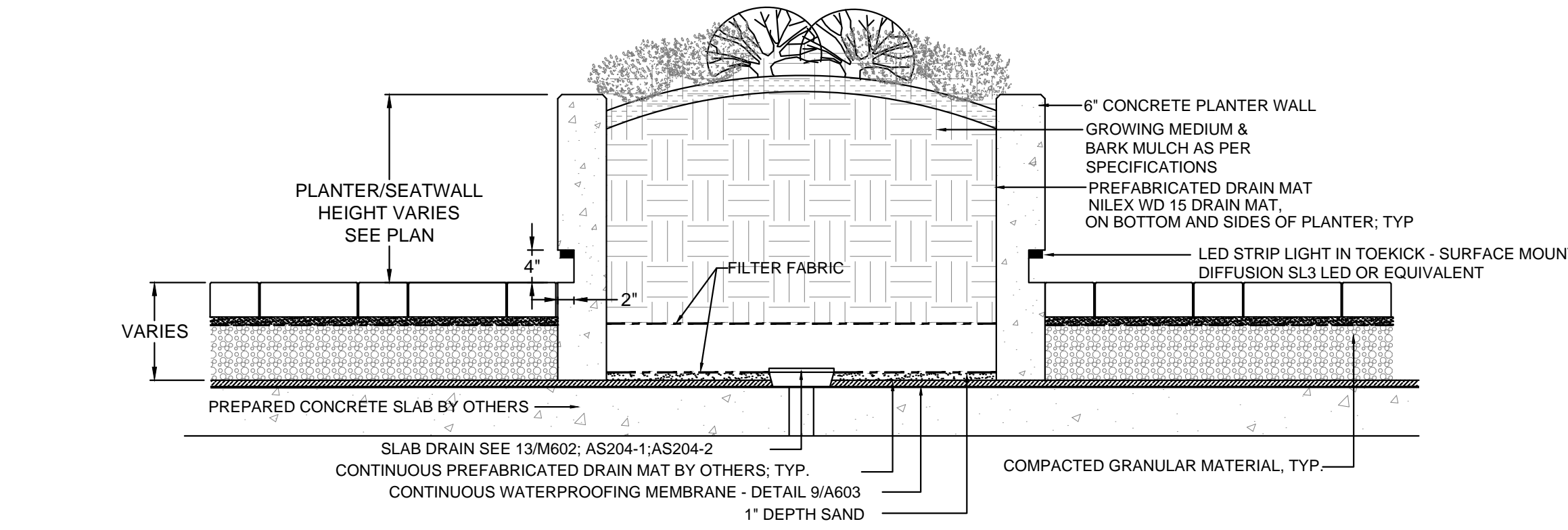
1 TYP. SECTION THRU STRUCTURAL SOIL CHANNEL
1 1/2" = 1'-0"



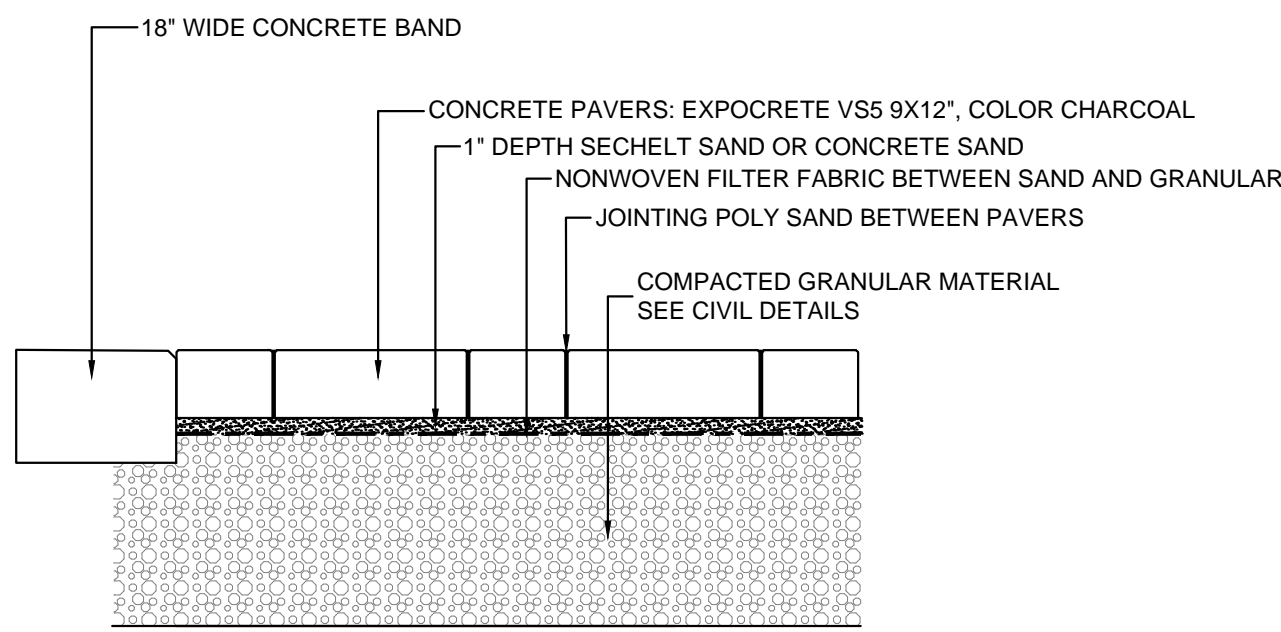
5 AREA DRAIN WITHIN PAVERS ON SLAB
1" = 1'-0"



6 CONCRETE PAVERS ON SLAB
1" = 1'-0"

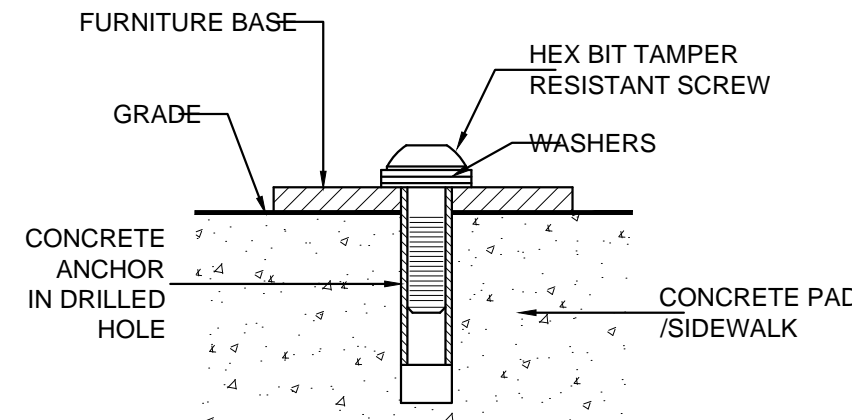


2 CONCRETE PLANTER ON SLAB; TYP
3/4" = 1'-0"



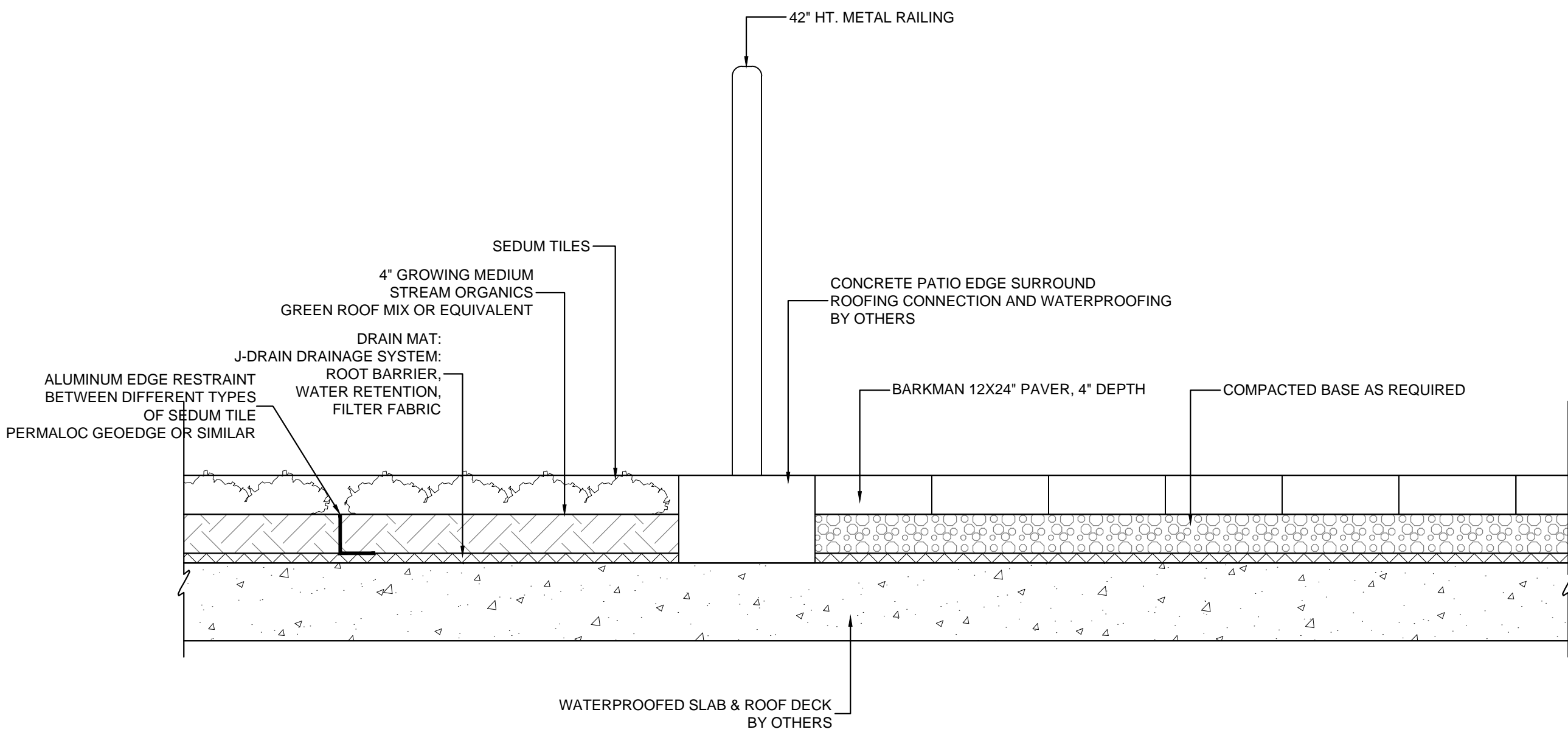
NOTE:
PAVERS TO BE INSTALLED
TO MANUFACTURERS SPECIFICATIONS

3 PAVERS ON GRADE - OFFSITE
1" = 1'-0"



NOTE:
SITE FURNISHINGS TO BE INSTALLED TO
MANUFACTURERS SPECIFICATIONS

4 SITE FURNITURE MOUNTING
N.T.S.



7 TYP. SEDUM ROOF LEVEL 3 AND 5, TYP. PATIO LEV 5
1" = 1'-0"

SEAL:



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NO. DATE REVISION DESCRIPTION DR.

CLIENT:

PROJECT:

**PARKWAY
MIXED USE DEVELOPMENT**

**1050 PANDORA AVENUE
VICTORIA, BC**

DRAWING TITLE:

**LANDSCAPE
DETAILS AND SECTIONS**

DATE: 19.JUL.10 DRAWING NUMBER:
SCALE: AS SHOWN
DRAWN: BA
DESIGN: BA
CHK'D: OF 9

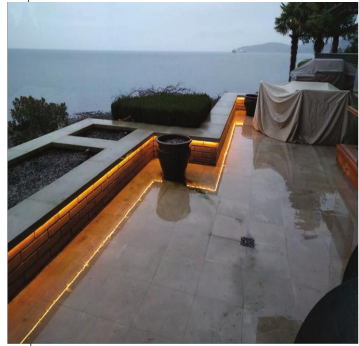
L6

LIGHTING LEGEND

KEY	DESCRIPTION
6	SINGLE GLOBE PEDESTRIAN LIGHT PHILLIPS MICENAS LED4 OR APPROVED EQUIVALENT BDP791 LED43-4S/740 II DS50 GF BK 76
-----	SURFACE MOUNT STRIP LIGHTING UNDER CONC PLANTER TOE KICK SL3 OUTDOOR LED STRIP (REFER TO ELEC)



SINGLE GLOBE
PEDESTRIAN LIGHTING



STRIP LIGHT UNDER
TOE KICK

LED STRIP LIGHT
SURFACE UNDERMOUNT
IN RECESSED TOE KICK
DIFFUSION LIGHTING SL3

SINGLE GLOBE PEDESTRIAN
LIGHT PER VICTORIA NEW TOWN
DISTRICT DESIGN GUIDELINES (TYP.)

RECESSED LIGHTING IN
LOW WALLS
REFER TO ELECTRICAL
DRAWINGS

IN GRADE LED LIGHT STRIP IN
.3M (12") CONCRETE BAND
REFER TO ELECTRICAL DRAWINGS



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SEAL:

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NO.	DATE	REVISION DESCRIPTION	DR.
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CLIENT:

PROJECT:

**PARKWAY
MIXED USE DEVELOPMENT**

**1050 PANDORA AVENUE
VICTORIA, BC**

DRAWING TITLE:

**LIGHTING
LAYOUT PLAN**

DATE: 19.JUL.10 DRAWING NUMBER:
SCALE: 1:100
DRAWN: BA
DESIGN: BA
CHK'D:
OF 9



SEAL:



14	20.SEP.03	REV. PER CITY COMMENTS - OFFSITE PAVING	BA
	20.JUL.14	REZONING RESUBMISSION	BA
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NO. DATE REVISION DESCRIPTION DR.

CLIENT:

PROJECT:

PARKWAY
MIXED USE DEVELOPMENT

1050 PANDORA AVENUE
VICTORIA, BC

DRAWING TITLE:

LANDSCAPE
SPECIFICATION

DATE: 19.JUL.10 DRAWING NUMBER:

SCALE: NTS

DRAWN: BA

DESIGN: BA

CHK'D:

L8

OF 9

PART ONE GENERAL REQUIREMENTS
11 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
12 TESTING
1 Current test were 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 re-test materials. Contractor responsible to pay for testing if materials do not meet specification.
13 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.
14 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: 11 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. 12 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. 13 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, Plant 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 stairs, Unit Paving. 14 Substantial Performance Review of all work, accounting of all substitutions, deletions, plant counts, preparations of deficiency list, and recommendations for completion. 15 Certificate of Completion Upon the declaration of Substantial Performance, a recommendation for the issuance of the Certificate of Completion will be made to the Paymet Certifier as defined in the contract. 16 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. 17 Warranty Review: Prior to the completion of the warranty period +/- 11 months after issuance of the Certificate of Completion, review all warranty material and report recommendations for warranty replacement.
15 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 environmental 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.
16 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

21 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: 21 Retention of Existing Trees where shown on drawings. 22 Finish Grading and Landscape Drainage. 23 Supply and placement of growing medium. 24 Testing of imported growing medium and/or site topsoil. 25 Supply and incorporation of additives to meet requirements of soil test and Table One. 26 Preparation of planting beds, supply of plant material and planting. 27 Preparation of rough grass areas, supply of materials and seeding. 28 Preparation of lawn areas, supply of materials and sodding. 29 Supply and placement of bark mulch. 30 Maintenance of planted and seeded/sodded areas until accepted by Owner. 31 SEPARATE PRICE: Establishment Maintenance, Section 3.11. 32 Other work: Work other than this list, not specified by Landscape Architect.

22 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 1 GROWING AND LEVEL 2 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 (loose)	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 (P), and Potash (K) 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 or colour bark will be rejected.
7 Herbicides and Pesticides: If used, must conform to all federal, provincial and local statutes. Applicants must hold current licenses issued by the appropriate authorities in the area.
8 Filter Fabric: A non biodegradable material or other filtering membrane that will allow the passage of water but not fine soil particles. (Such as MRFAP 140 NL, GEOLON N40 OR AMSCO L455 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 12m, or combinations of walls collectively in excess of 12m. Installations must be reviewed and signed off by Certified Professional Engineer; include 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
31 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 retain. 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 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 persons 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.
32 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 15m (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 grades defined by the Canadian Landscape Standard.
5 Construct washes 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.

33 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 50mm.
3.11 Assure positive drainage.
3.12 Back fill remainder of trench as indicated.
3.13 Protect subdrains from flotation during installation.

34 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 Addity 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.

35 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 adventures 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" (225mm) 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" (760mm) over columns and/or edge of slab verify column locations on-site for tree locations.) 4.2.6 Depth noted includes "T" to 2" (25-50mm) sand over filter fabric. 4.2.7 Maximum 18" depth growing medium except where rounded 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.

36 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 7.1.13
2.1 Clean existing soil by mechanical means of debris over 50mm in any dimension.
2.2 Roughly grade surfaces to allow for maintenance specification 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. 10% Creeping Red Fescue 20% Annual Ryegrass 5% Saturn Perennial Ryegrass 5% Kentucky Bluegrass For Wildflower Areas use a mixture of Wildflowers with Hard Fescues (Terralink Coastal Wildflowers) with Hard Fescue or pre-approved alternate.

7 Seeding: Apply seed at a rate of 102lb/ha (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.

37 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 3.3 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 seeded slurry by 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 15% 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 plain 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 pump 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 Mx: Where specified, apply (31lbs/ac) (1/4 lb./ft. 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 applied, 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 Contractor.
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 (No 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	sane
CLASS 3	Rough Grass	sue 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 6 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" (7.6cm). Comply with requirements of Canadian Landscape Standard Section 8, B.C. 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" (7.6cm) 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 (No Canadian Landscape Standard, Section 13 Maintenance Level 2 (Apparent). 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, BCLMA Standard for Contractor Grow 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 Areas of search includes the Lower Mainland and Fraser Valley. 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 to 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. Assume 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, on sloped conditions, break out the side of the planting pit to allow drainage down slope, and in flat conditions, mound to raise the rootball above impervious layer. 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 planted 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 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 10mm (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 ball, minimum width 19mm (3/4"). Approved product: ArcoTie - available from Deepfoot. 13.4 Coniferous Trees over 8 ft. height: Guy with three 2-strand wires (1) gapped. Drive three stakes splayed out around the tree completely below grade. 13.5 Trees 6 ft. in. on Wood or Concrete Decks: Guy as above using three deadend (lin. 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. Slope 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 13.2 - 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 Contractor. 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).
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 notification, 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 hardiness (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 supplied adequately 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.
310 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 provide 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 dia. PVC Pipe filled with drain rock unless specific drawing detail shown.
4 Install drain rock evenly to a minimum depth of 4" (100mm) 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. But all pieces tightly together and cover with filter fabric to prevent soil from migrating downward.

311 ESTABLISHMENT MAINT

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 02710, 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, I)
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 2.5kg 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 18.2.
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 13.2. and 13.3.
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. GROWING MEDIUM

1. TABLE ONE:

1.1 Provide all growing medium required to complete the work.

1.2 Comply with the requirements of Table 1, below

1.3 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 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. 604-4067-3002. (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/m²

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
1.1 Install prior to installation of the structural soil mixture.
1.2 Co-ordinate all contract drainage work with other drainage on-site
1.3 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.
1.1 Install irrigation main lines in co-ordination with installation of the structural soil. Confirm timing at start-up meeting.
1.2 Co-ordinate all contract irrigation work with other civil engineering and drainage on-site
1.3 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
- 125 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.

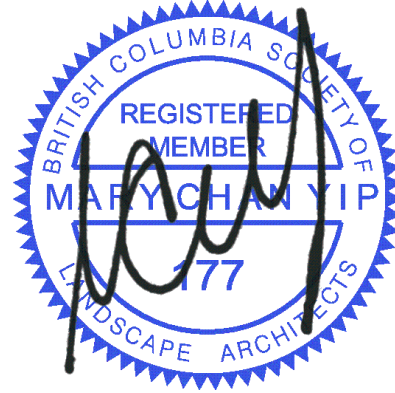
PART THREE - EXECUTION (cont)

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 free area (12m x 12m 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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SEAL:



14	20.SEP.03	REV. PER CITY COMMENTS - OFFSITE PAVING	BA
13	20.JUL.14	REZONING RESUBMISSION	BA
12	20.JUN.29	REV. PER CLIENT COMMENTS	BA
11	20.FEB.03	ISSUED FOR TENDER	BA
10	19.DEC.05	ISSUED FOR BP	BA
9	19.NOV.28	100% BP SET	BA
8	19.NOV.04	90% CD SET	BA
7	19.OCT.23	NEW GROUND FLOOR PLAN	DD
6	19.OCT.22	REVISION	DD
5	19.OCT.21	NEW SITE PLAN&CLIENT REQUEST	DD
3	19.OCT.03	60% CD SET	BA
2	19.SEP.27	REZONING	BA
1	21.AUG.19	REV. PER CITY/CLIENT COMMENTS	BA
-	19.JUL.29	30% BP SUBMISSION	BA

NO.	DATE	REVISION DESCRIPTION	DR.
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CLIENT:

PROJECT:

PARKWAY
MIXED USE DEVELOPMENT

1050 PANDORA AVENUE
VICTORIA, BC

DRAWING TITLE:

STRUCTURAL SOIL
SPECIFICATION

DATE: 19.JUL.10 DRAWING NUMBER:

SCALE: NTS

DRAWN: BA

DESIGN: BA

CHK'D:

L9

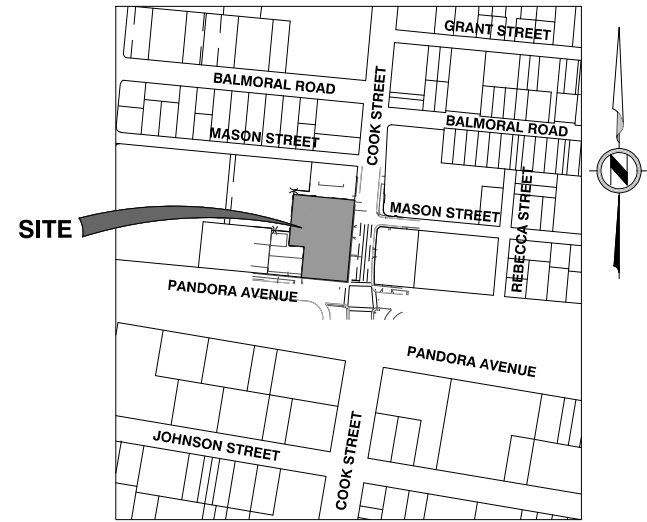
OF 9



APLIN MARTIN

ENGINEERING ARCHITECTURE PLANNING SURVEYING

Aplin & Martin Consultants Ltd.
#104 - 6596 Applercross Road, Nanaimo, BC, Canada V9V 0A4
Tel: (778) 841-0484, Fax: (604) 597-9061, Email: general@aplinmartin.com



SITE LOCATION PLAN

SCALE 1:2000

DRAWING INDEX

18-010-01	COVER SHEET
18-010-02	KEY PLAN & GENERAL NOTES
18-010-03	SERVICING & GRADING PLAN
18-010-04	TRUCK TURNING PLAN

CLIENT:

DISTRICT GROUP

SUITE 200 - 8809 HEATHER STREET, VANCOUVER, BC V6P 3T1
PH. 604-322-5762

NOT FOR CONSTRUCTION

PROJECT:

PARKWAY - MIXED-USE DEVELOPMENT

1050 PANDORA AVENUE & 1518 COOK STREET, VICTORIA, BC

MUNICIPAL PROJECT No. XXX

APLIN & MARTIN PROJECT No. 18-010



NOT FOR CONSTRUCTION

GENERAL

1. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BRITISH COLUMBIA BUILDING CODE 2018.
2. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PLATINUM EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD), AND CITY OF VICTORIA BYLAW STANDARDS, UNLESS OTHERWISE NOTED.
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 ON-SITE 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 UTILITIES 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. LEGAL SURVEY MONUMENTS SHALL BE REPLACED BY A BC LAND SURVEYOR, TO CITY SPECIFICATIONS, AT THE CONTRACTOR'S EXPENSE IF DESTROYED OR DAMAGED DURING CONSTRUCTION. THIS ALSO PERTAINS TO MONUMENTS THAT REQUIRE RAISING OR RELOCATING. THE CONTRACTOR SHALL NOTIFY THE CITY'S REPRESENTATIVE THREE WORKING DAYS IN ADVANCE OF THE WORK AFFECTING SURVEY MONUMENTS.
15. WHERE A TRENCH IS UNDER OR WITHIN 1.0 METRES OF THE ROADWAY OR DRIVEWAY EDGE, FULL DEPTH GRANULAR BACKFILL SHALL BE USED.
16. AFTER CONSTRUCTION, WORK AREAS AND EXISTING FEATURES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER.
17. ADJUST ALL PROPOSED AND EXISTING APPURTENANCES TO MEET FINAL DESIGN.
18. ALL SURPLUS MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL APPLICABLE GUIDELINES AND REGULATIONS.
19. THE ENGINEER OF RECORD SHALL SUBMIT AS-CONSTRUCTED DRAWINGS TO THE CITY'S REPRESENTATIVE.
20. 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.

PROP. SANITARY SEWER ——— S ———
PROP. STORM SEWER ——— D ———
PROP. WATER MAIN ——— W ———
EX. SANITARY SEWER ——— S ———
EX. STORM SEWER ——— D ———
EX. WATER MAIN ——— W ———
EXISTING FENCE ——— X ——— X ——— X ———

STORM SEWER

1. DO NOT PLUG OR ABANDON AN EXISTING STORM DRAINAGE CONNECTION WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.
2. ALL STORM SEWER AND BEDDING MATERIALS TO BE IN ACCORDANCE WITH THE PLATINUM EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) REQUIREMENTS.
3. 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.
4. ALL PIPING AND RELATED APPURTENANCES TO BE INSPECTED AND APPROVED PRIOR TO BACKFILLING OF TRENCH.
5. ALL MANHOLES ARE TO BE A MINIMUM OF 1050mm DIAMETER UNLESS OTHERWISE NOTED.
6. ALL STORM PIPES TO BE PVC SDR35.
7. ALL TYPICAL TRENCH SECTION DETAILS TO FOLLOW MMCD SPECIFICATION DRAWING G4, UNLESS OTHERWISE NOTED BY THE CITY'S REPRESENTATIVE.
8. ALL PAVEMENT RESTORATION TO FOLLOW MMCD SPECIFICATION DWG. G5.
9. THE CONTRACTOR SHALL CONFIRM THE LOCATION AND INVERTS OF EXISTING STORM SEWER CONNECTIONS PRIOR TO CONSTRUCTION.
10. CATCHBASIN RIM ELEVATIONS GIVEN ARE THE ELEVATION OF THE SURFACE INLET.
11. TIE-INS OF PROPOSED MAINS TO EXISTING STORM SEWER MAINS SHALL BE INSPECTED BY CITY'S REPRESENTATIVE.
12. ALL STORM DRAIN SERVICE CONNECTIONS SHALL BE MINIMUM 100mm IN DIAMETER.
13. 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 SANITARY SEWER MATERIALS SHALL BE IN ACCORDANCE WITH THE PLATINUM EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD), UNLESS OTHERWISE NOTED.
2. 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.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION AND INVERTS OF EXISTING SANITARY SEWER CONNECTIONS PRIOR TO CONSTRUCTION.
4. NEW SEWER LINES TIED INTO EXISTING LINES SHALL BE PLUGGED UNTIL THEY ARE TESTED AND FLUSHED.
5. TIE-INS OF PROPOSED MAINS TO EXISTING SANITARY SEWER MAINS SHALL BE INSPECTED BY CITY'S REPRESENTATIVE.
6. 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.
7. TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH INSPECTION AUTHORIZED BY THE CITY'S REPRESENTATIVE.
8. 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.
3. EXISTING APPURTENANCES SUCH AS VALVE BOXES, MANHOLES, ETC., SHALL BE ADJUSTED TO FINISHED GRADE.
4. 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 DEVICES BE ALLOWED FROM THESE SPECIFICATIONS BY THE CITY'S REPRESENTATIVE, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THEIR WORKMANSHIP.

NOTICE TO CONTRACTOR

IT IS THE RESPONSIBILITY OF THE CONTRACTOR'S SURVEYOR TO VERIFY THAT ALL LEGAL SURVEY DIMENSIONS SHOWN ON THE ENGINEER'S DRAWINGS AGREE WITH THOSE ON THE REGISTERED LEGAL SURVEY PLAN. SHOULD THERE BE ANY DISCREPANCIES, THEN IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.

LEGAL DESCRIPTION: SITE PLAN OF AMENDED LOT 14 (DD 106561.1), LOTS 15 & 16, LOT 2, PLAN VIF75915 OF SUBURBAN LOT 15 B.M. MONUMENT NO. 16-64A ELEVATION: 27.355m LOCATED AT COOK STREET & PANDORA AVENUE				
REV. NO.	DESCRIPTION	DR.	CH.	DATE
04	ISSUED FOR 60% BP SUBMISSION	VG	SL	15-OCT-19
05	ISSUED FOR 90% BP SUBMISSION	VG	SL	06-NOV-19
06	ISSUED FOR 100% BP SUBMISSION	VG	SL	25-NOV-19
07	TREE REMOVED ON COOK STREET	CL	SL	20-MAR-20
08	REVISED FOR REZONING	JP	SL	15-JUL-20

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Aplin & Martin Consultants Ltd.
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Tel: (779) 941-0484, Fax: (604) 987-9561, Email: general@aplinmartin.com

CLIENT: **DISTRICT GROUP**
SUITE 200 - 8809 HEATHER STREET, VANCOUVER, BC V6P 3T1
PH: 604-322-5762

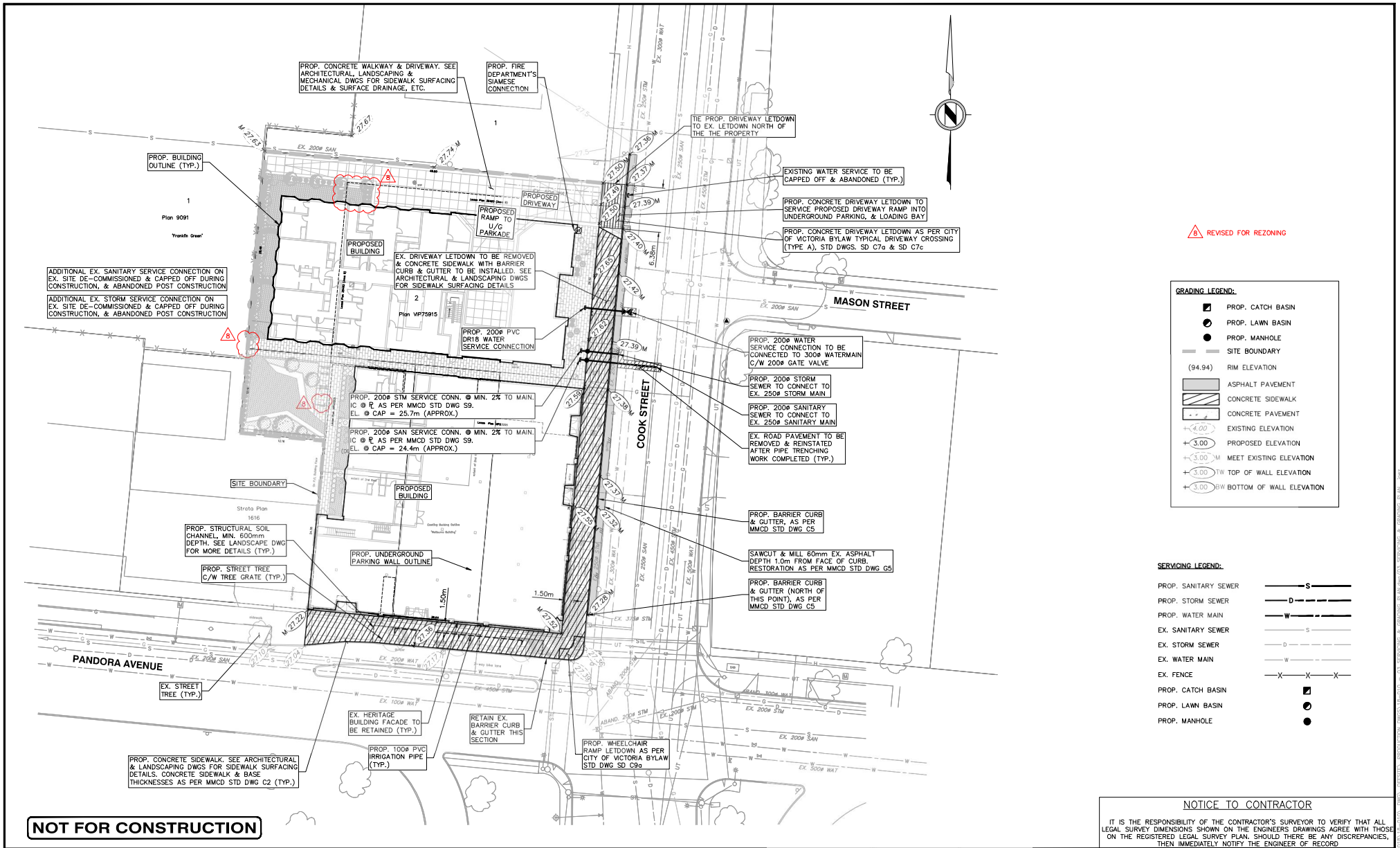
PROJECT: **PARKWAY - MIXED USE DEVELOPMENT**
1050 PANDORA AVENUE & 1518 COOK STREET, VICTORIA BC

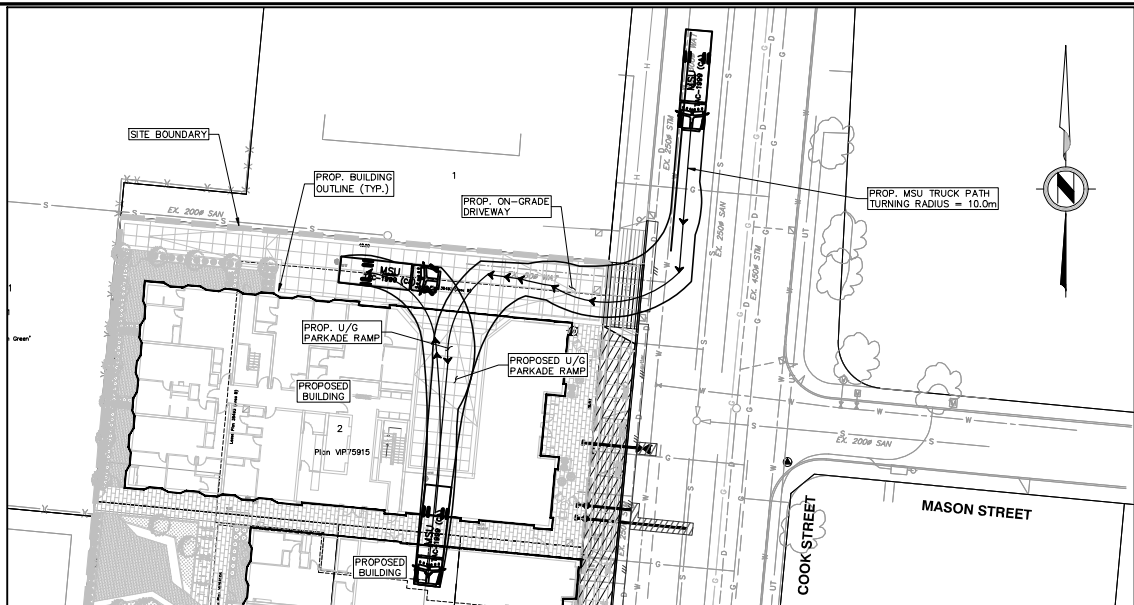


The location of existing underground utilities are shown as an approximation only. The contractor shall determine the exact location of all existing utilities before commencing work, and agrees to be fully responsible for any and all damages or injury to the contractor's future to be caused by any and all underground utilities.

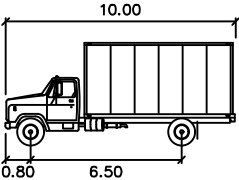
KEY PLAN & GENERAL NOTES		DESIGN: VG	CHECK: SL
TITLE:		DRAWN: VG/CL	APPR: SL
PROJECT NO.		A & M FILE:	
DRAWING NO.		18-010	
SCALE:		DRAWING DATE:	
HORIZ. 1:500		FEBRUARY 2019	
VERT. 1:500		SHEET NO.	
A & M DRAWING NO.		02 OF 04	
REV.		08	

0 5 1500 25m

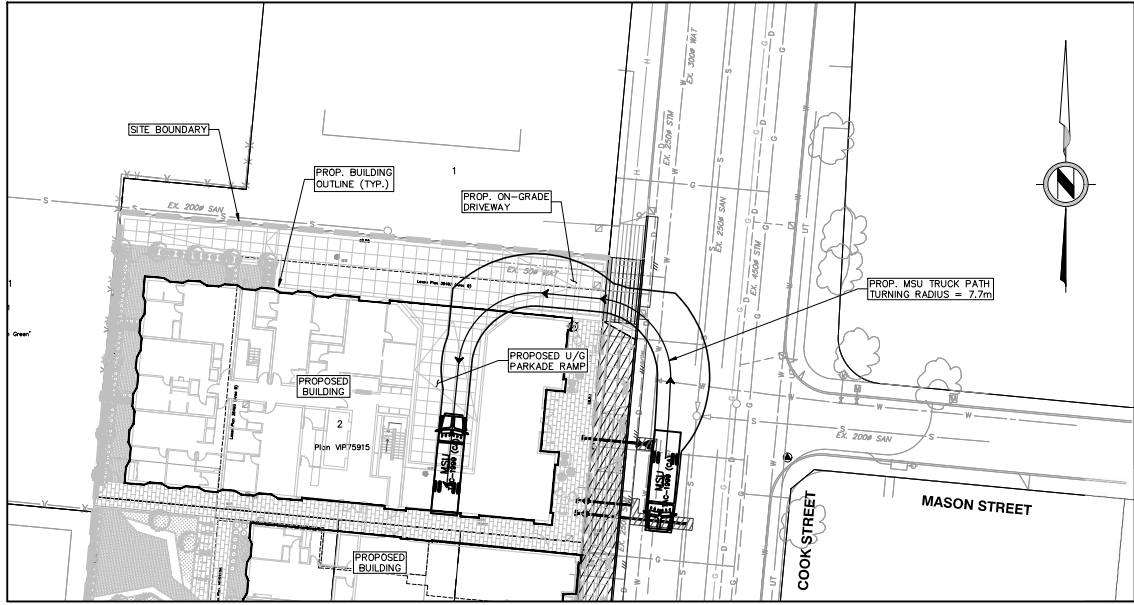




TURN ROUTE 1 – DIRECT ENTRY



MSU	parameters	values
Width		: 2.60
Track		: 2.60
Lock to Lock Time		: 6.0
Steering Angle		: 40.2



TURN ROUTE 1 – BACK-IN ENTRY

NOT FOR CONSTRUCTION

NOTICE TO CONTRACTOR

IT IS THE RESPONSIBILITY OF THE CONTRACTOR'S SURVEYOR TO VERIFY THAT ALL LEGAL SURVEY DIMENSIONS SHOWN ON THE ENGINEER'S DRAWINGS AGREE WITH THOSE ON THE REGISTERED LEGAL SURVEY PLAN. SHOULD THERE BE ANY DISCREPANCIES, THEN IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.

LEGAL DESCRIPTION: SITE PLAN OF AMENDED LOT 14 (BD 106561), LOTS 15 & 16, LOT 2, PLAN VP75915 OF SUBURBAN LOT 15				
B.M. MONUMENT NO. 16-64A ELEVATION: 27.355m				
LOCATED AT COOK STREET & PANDORA AVENUE				
REV. NO.	DESCRIPTION	DR	CH	DATE
04	ISSUED FOR 60% BP SUBMISSION	VG	SL	15-OCT-19
05	ISSUED FOR 90% BP SUBMISSION	VG	SL	06-NOV-19
06	ISSUED FOR 100% BP SUBMISSION	VG	SL	25-NOV-19
07	TREE REMOVED ON COOK STREET	CL	SL	20-MAR-20
08	REVISED FOR REZONING	JP	SL	15-JUL-20

APLIN MARTIN
ENGINEERING AND ARCHITECTURE PLANNING SURVEYING

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CLIENT: **DISTRICT GROUP**
SUITE 200 • 8809 HEATHER STREET, VANCOUVER, BC V6P 3T1
PH: 604-322-5762

PROJECT: **PARKWAY - MIXED USE DEVELOPMENT**
1050 PANDORA AVENUE & 1518 COOK STREET, VICTORIA BC



The location of existing underground utilities are shown as an approximate only and 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 agree to be fully responsible for any and all damages which might be incurred by the contractor's failure to locate and protect any and all underground utilities.

TITLE: TRUCK TURNING PLAN		DESIGN: VG CHECK: SL DRAWN: VG/CL APPR: SL	
PROJECT NO. .		A & M FILE: 18-010	
DRAWING NO. .		DRAWING DATE: FEBRUARY 2019	
SCALE: .		SHEET NO. 04 OF 04	
A & M DRAWING NO. 18-010 -04		REV. 08	

