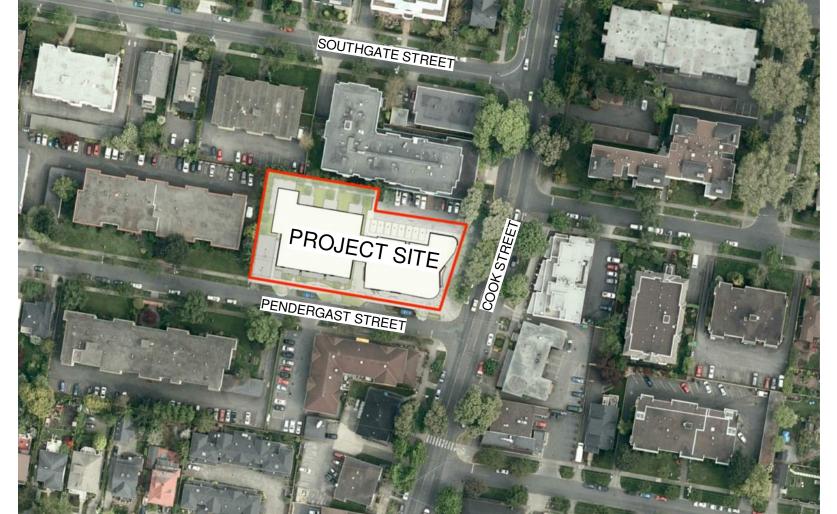


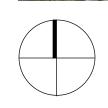


COOK & PENDERGAST CORNER PERSPECTIVE

A0.00	Cover Sheet	A2.00	Parking Level	A4.01	Context Sections
A1.00	Survey, Existing Site Plan &	A2.01	Ground Floor	A9.00	Perspectives
	Average Grade	A2.02	Level 2	A9.01	Materials
A1.01	Code Analysis	A2.03	Level 3	L1.01	Landscape Materials Plan
A1.02	Limiting Distance	A2.04	Level 4	L1.02	Tree Retention and Removal
A1.03	Overall Site Plan	A2.05	Roof Level		Plan
A1.04	Shadow Studies - Equinox	A3.00	Elevations	L1.03	Stormwater Management Plan
A1.05	Shadow Studies - Summer	A3.01	Context Elevations	L1.04	Planting Plan & Plant List
A1.06	Shadow Studies - Winter	A4.00	Building Sections	L1.05	Roof & Rooftop Landscape & Planting Plan
				C1.00	Preliminary Site Plan







SITE CONTEXT PLAN

APPLICANT PROJECT TEAM

		ARCHITECT	
ARAGON PROPER 201-1628 WEST 1st VANCOUVER BC 604.732.6170	AVENUE	1060 MEARES	STREET

CONTACT: CONTACT: LENNY MOY PETER JOHANNKNECHT peter@cascadia architects.ca rjackson@fastepp.com lmoy@aragon.ca LUKE RAMSEY GREGORY DAMANT Iramsey@aragon.ca greg@cascadiaarchitects.ca

STUCTURAL ENGINEER

ROBERT JACKSON

	WILLIAMS ENGINEERING SUITE 202, 31 BASTION SQUA VICTORIA BC V8W 1J1 778.406.0023
CONTACT:	CONTACT:

CONTACT: COLLIN CRONKHITE

MECHANICAL ENGINEER

ELECTRICAL ENGINEER SMITH + ANDERSEN JARE 338-6450 ROBERTS STREET **BURNABY BC** V5G 4E1 604.294.8414

CONTACT: **RON SHARMA**

CIVIL ENGINEER

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CONTACT: **ROSS TUCK**

TRAFFIC CONSULTANT

501-740 HILLSIDE AVENUE VICTORIA BC V8T 1Z4 250.388.9877

CONTACT: DANIEL CASEY dcasey@wattconsultinggroup.com

CONTACT:

LANDSCAPE ARCHITECT

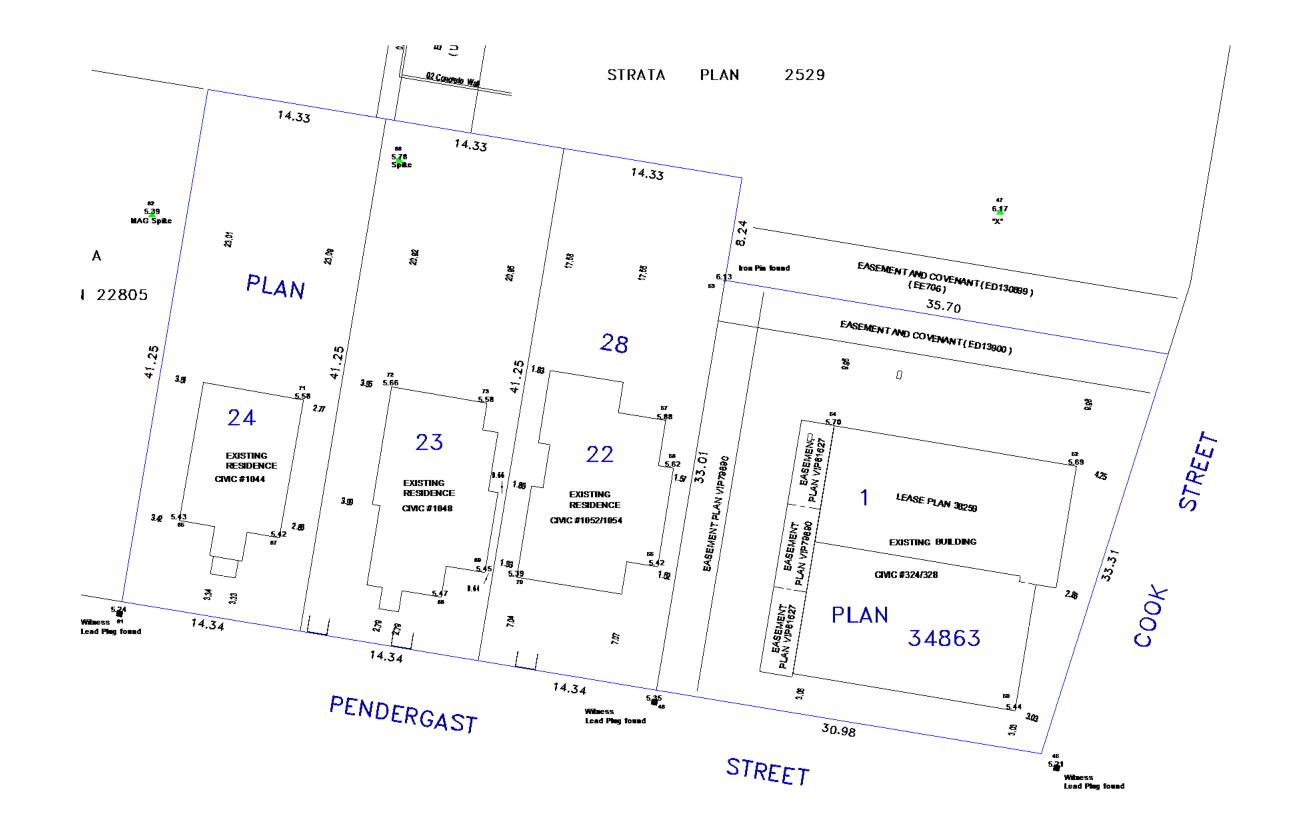
MURDOCH de GREEF INC. 200-524 CULDUTHEL ROAD VICTORIA BC V8Z 1G1 250.412.2891

SCOTT MURDOCH scott@mdidesign.com

ARBORIST

TALBOT MACKENZIE & ASSOCIATES BOX 48153 RPO UPTOWN VICTORIA BC V8Z 7H6 250.479.8733

> CONTACT: GRAHAM MACKENZIE tmtreehelp@gmail.com



0 2.5 5 10 15 20 25

NOTE: ELEVATIONS ARE TO GEODETIC DATUM THE DECIMAL POINT OF THE ELEVATION DENOTES THE LOCATION OF THE SHOT TAKEN UNLESS OTHERWISE NOTED BUILDING SETBACKS ARE CALCULATED TO THE EXTERIOR OF SIDING PROPERTY BOUNDARIES HAVE BEEN CALCULATED FROM CURRENT SURVEY AND EXISTING SURVEY RECORDS

J2000_SERVER\30105_SITE.DWG DBL

J.E.Anderson and Associates

SURVEYORS **ENGINEERS** VICTORIA NANAIMO SITE PLAN AT 1044-1054 PENDERGAST STREET AND 324/328 COOK STREET LEGAL: LOT 1, PLAN 34863 AND LOTS 22. 23 AND 24, PLAN 28, ALL OF FAIRFIELD FARM ESTATE, VICTORIA CITY DRAWN BY: DPROJECT SURVEYOREARRIER 1:250 DATE: DEC. 20, 2016. DUCKETT DEVELOPMENTS INC.

Survey Plan

AVERAGE GRADE CALCULATIONS

GRADE POINTS:

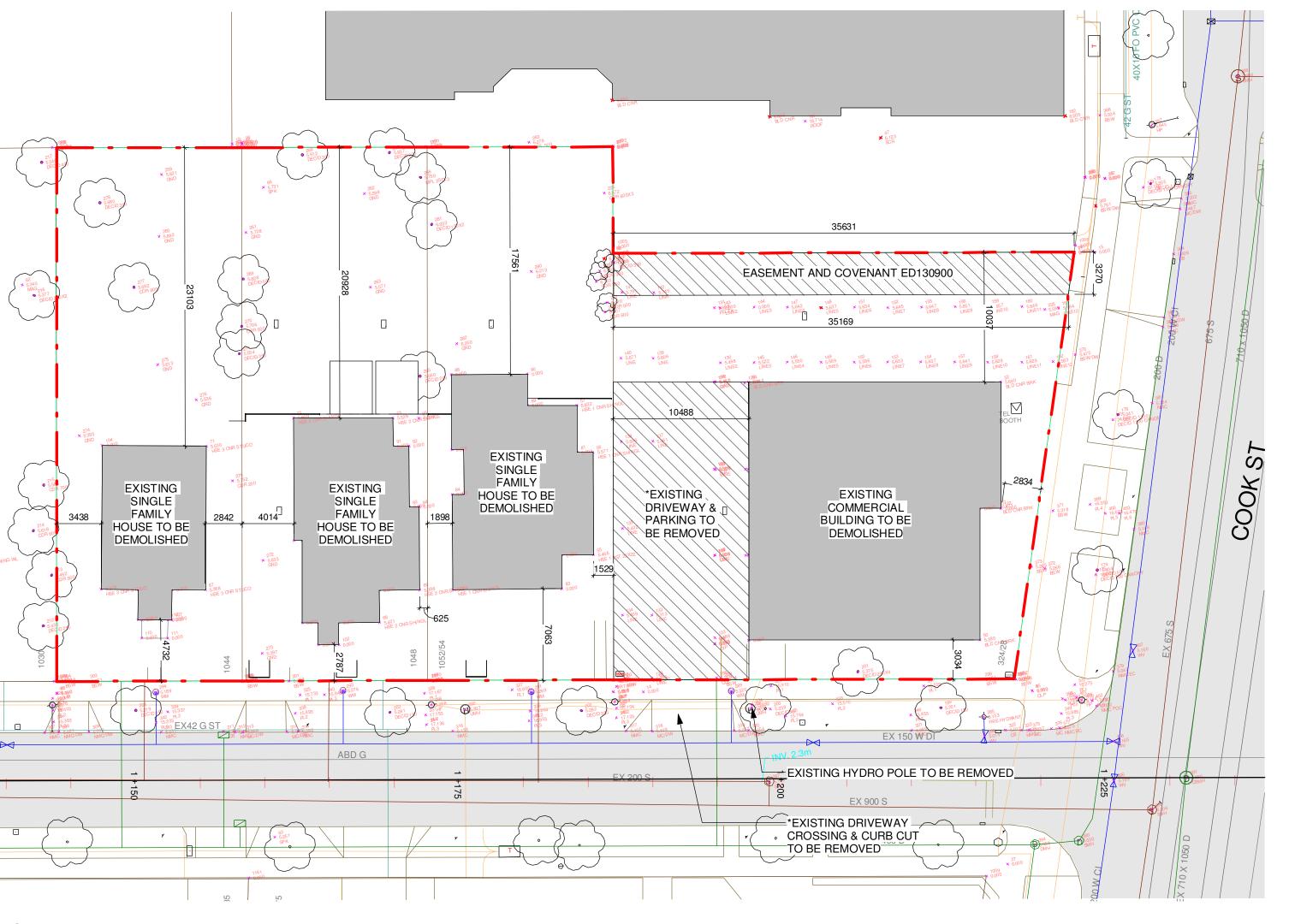
O 11 17			
A: B: C: D: E: F: H:	5.66 5.70 5.70 6.22 6.00 5.77 5.91 5.56 5.43	R: S: T: U: V: W: X: Y: Z:	5.37 5.32 5.47 5.58 5.40 5.39 5.65 5.54 5.58
K: L:	5.43 5.40	AA: BB:	5.56 5.65
M: N:	5.59 5.40	CC:	5.67
P: Q:	5.37 5.40		

GRADE POINTS:

-B:	((5.66+5.70)÷2)	Χ	07.9	=44.87
-C:	((5.70+5.70)÷2)	Χ	04.7	=26.79
-D:	((5.70+6.22)÷2)	Χ	25.9	=154.36
-E:	$((6.22+6.00) \div 2)$	Χ	07.5	=45.83
-F:	$((6.00+5.77) \div 2)$	Χ	26.6	=156.54
-G:	$((5.77+5.91) \div 2)$	Χ	04.9	=28.62
i-H:	$((5.91+5.56) \div 2)$	Χ	08.5	=48.75
-J:	$((5.56+5.43) \div 2)$	Χ	02.1	=11.54
·K:	$((5.43+5.43) \div 2)$	Χ	02.1	=11.40
-L:	$((5.43+5.40) \div 2)$	Χ	02.7	=14.62
-M:	$((5.40+5.59) \div 2)$	Χ	09.7	=53.30
I-N:	$((5.59+5.40) \div 2)$	Χ	05.9	=32.40
-P:	$((5.40+5.37) \div 2)$	Χ	03.5	=18.85
-Q:	$((5.37+5.40) \div 2)$	Χ	03.5	=18.85
)-R:	$((5.40+5.37) \div 2)$	Χ	13.2	=71.80
-S:	$((5.37+5.32) \div 2)$	Χ	12.0	=64.14
-T:	$((5.32+5.47) \div 2)$	Χ	09.7	=52.33
-U:	$((5.47+5.58) \div 2)$	Χ	05.3	=29.28
-V:	$((5.58+5.40) \div 2)$	Χ	07.0	=38.43
-W:	$((5.40+5.39) \div 2)$	Χ	28.6	=154.30
/-X:	$((5.39+5.65) \div 2)$	Χ	15.0	=82.80
-Y:	$((5.65+5.54) \div 2)$	Χ	03.8	=21.26
-Z:	$((5.54+5.58) \div 2)$	Χ	07.3	=40.59
-AA:	$((5.58+5.56) \div 2)$	Χ	01.5	=08.36
A-BB:	$((5.56+5.65) \div 2)$	Χ	03.5	=19.62
B:CC:	$((5.65+5.67) \div 2)$	Χ	01.5	=08.49
C-A:	$((5.67+5.66) \div 2)$	Χ	03.3	=18.70

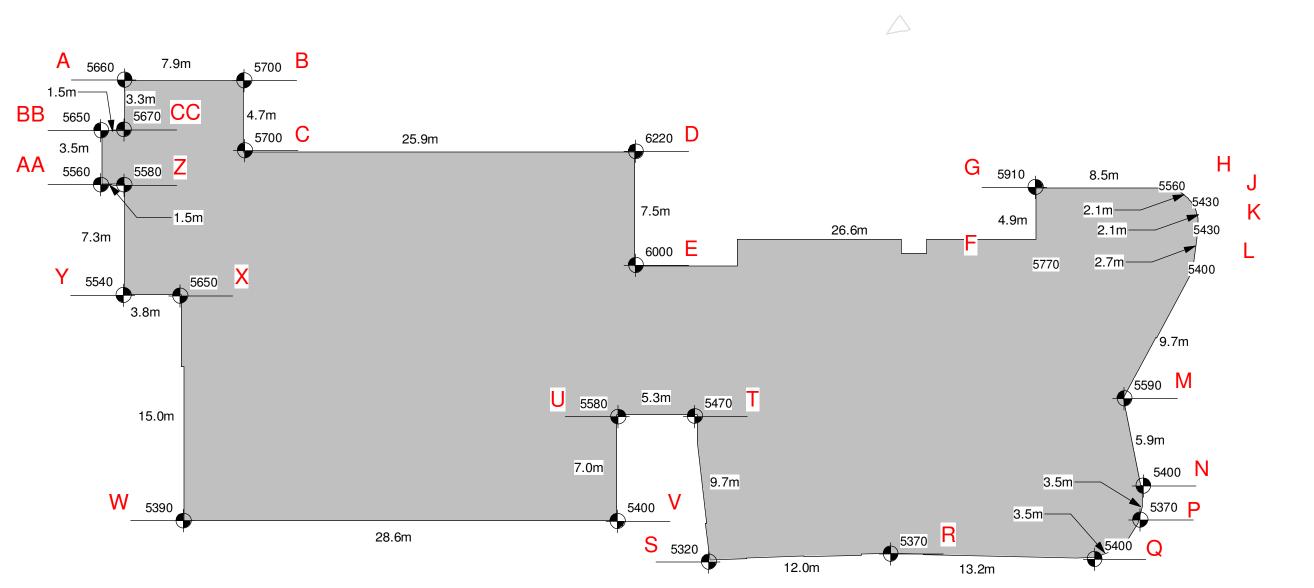
227.2 1276.82

AVERAGE GRADE = 1276.82÷227.2 = **5.62**



NOTE:REFER TO LANDSCAPE PLAN FOR TREE INFORMATION INCLUDING LOCATION OF TREES TO BE REMOVED

2 Existing Site Plan



Average Grade Plan

1:250

Re-zoning & Development Permit DATE NO. DESCRIPTION



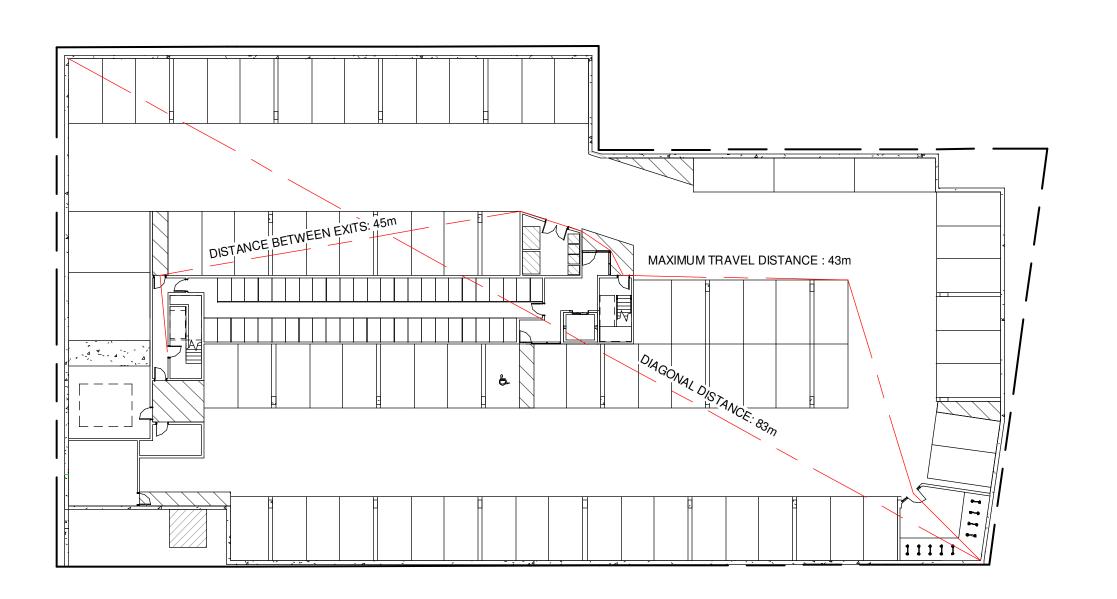
CASCADIA ARCHITECTS INC



328 Cook Street Survey, Existing Site Plan & Average Grade

> February 27, 2018 As indicated 1719

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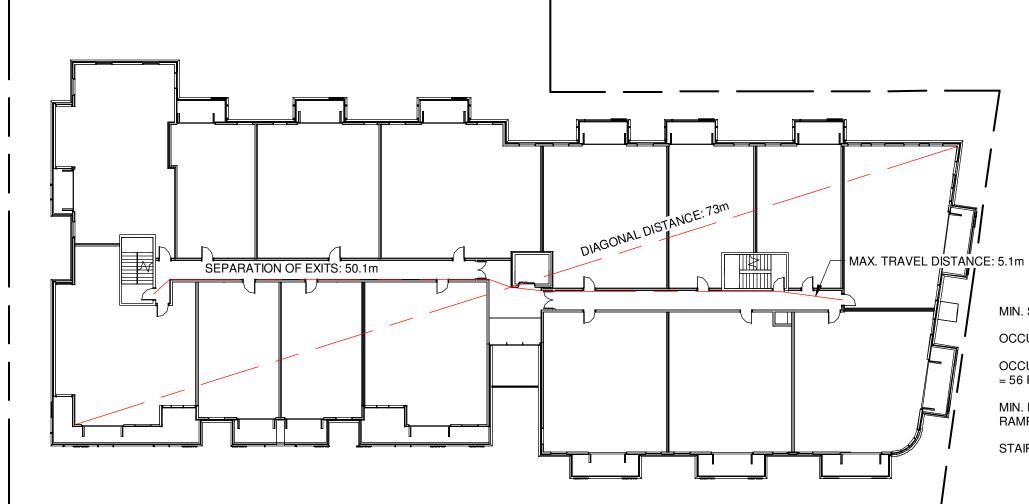
MIN. SEPARATION BETWEEN EXITS: 41.5 m

OCCUPANCY: GROUP F, DIVISION 3

OCCUPANT LOAD: 2683 m² / 46 m² PER PERSON = 59 PERSONS

RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 59 = 360mm

STAIRS: 8mm/PERSON X 59 = 472mm



MIN. SEPARATION BETWEEN EXITS: 9 m

OCCUPANCY: GROUP C, RESIDENTIAL

OCCUPANT LOAD: 28 SLEEPING ROOMS X 2 PERSONS PER ROOM = 56 PERSONS

MIN. EXIT WIDTH

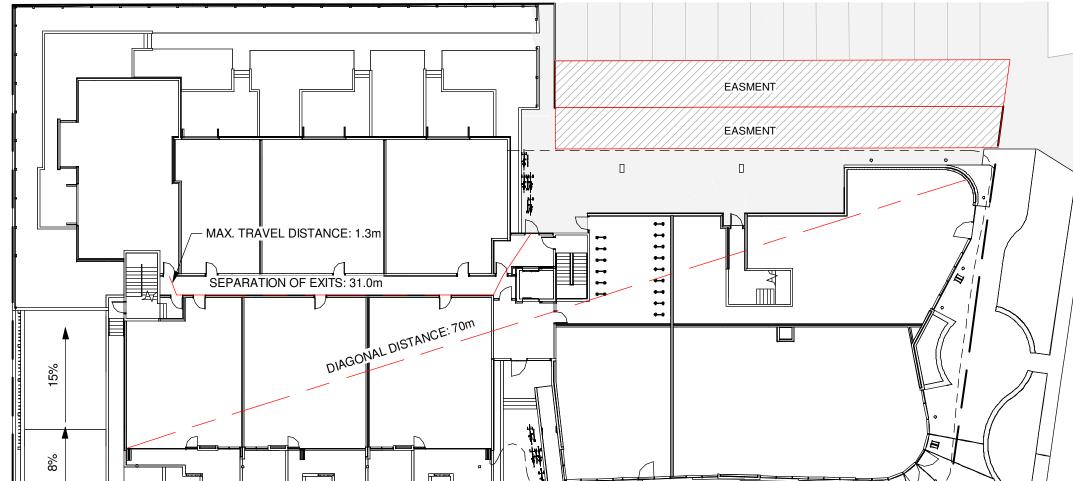
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 56 = 342mm

OCCUPIABLE AREA IS MEZZANINE TO LEVEL BELOW

AND INCLUDED IN LEVEL 4 CALCULATIONS

STAIRS: 8mm/PERSON X 56 = 448mm

Parking Level - Code Plan 1:300



_____ROOF ABOVE_______

RESIDENTIAL AREA

MIN. SEPARATION BETWEEN EXITS: 9 m

OCCUPANCY: GROUP C, RESIDENTIAL

OCCUPANT LOAD: 14 SLEEPING ROOMS X 2 PERSONS PER ROOM = 28 PERSONS

MIN. EXIT WIDTH RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 28 = 171mm

STAIRS: 8mm/PERSON X 28 = 224mm

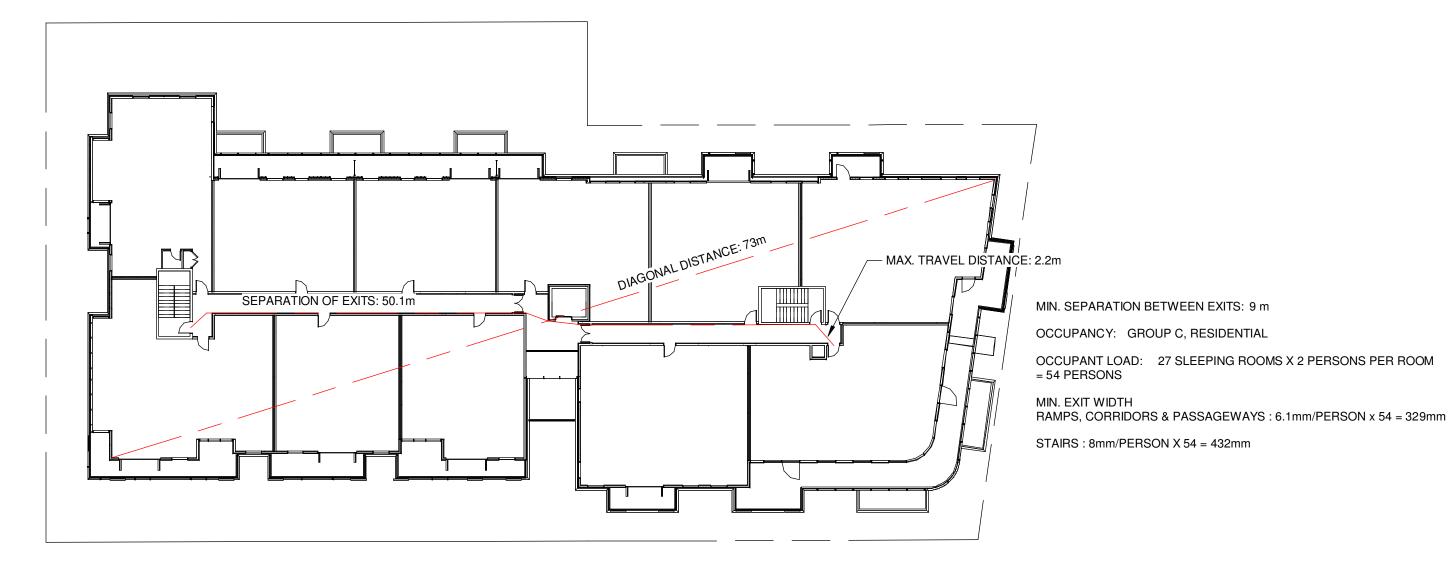
COMMERCIAL AREA

OCCUPANCY: GROUP E

OCCUPANT LOAD: 544 m²/3.7 m² PER PERSON = 147 PERSONS

RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 147 = 897mm STAIRS: 8mm/PERSON X 147 = 1176mm

4 Level 3 - Code Plan



BC BUILDING CODE 2012

3.1 GENERAL

3.1.2.1 OCCUPANCY CLASSIFICATION:

GROUP C RESIDENTIAL OCCUPANCY: LEVEL 1-4 GROUP F, DIVISION 3: PARKING LEVEL

3.1.3 SEPARATION OF USES

F-C TO C REQUIRES 1HR F.R.R. C TO E REQUIRES A 2 HR F.R.R.

3.1.17 OCCUPANT LOAD

3.2 FIRE SAFETY

BUILDING AREA:

SEE A1.01

1750 m²

3.2.2 BUILDING SIZE AND CONSTRUCTION

3.2.2.50 GROUP C, UP TO 6 STORIES, SPRINKLERED

SPRINKLERED: YES

3.4 EXITS

3.4.2.1 MINIMUM NUMBER OF EXITS: 2 PER FLOOR

3.4.2.5 DISTANCE BETWEEN EXITS: SEE A1.01

3.4.2.5 LOCATION OF EXITS

MAX TRAVEL PERMITTED (RESIDENTIAL) : 30m MAX TRAVEL PERMITTED (F3 USE) : 45m

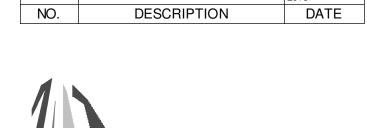
3.7 HEALTH REQUIREMENTS

NUMBER OF REQUIRED WASHROOMS: T.B.D.

3.8 REQUIREMENTS FOR PERSONS WITH

DISABILITIES T.B.D.

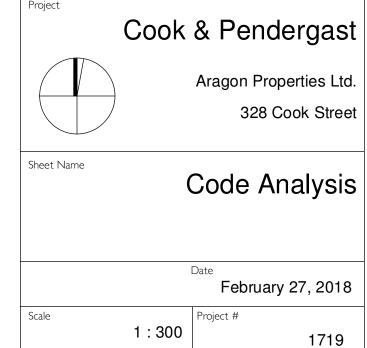
	Re-zoning & Development Permit	February 27, 2018
NO.	DESCRIPTION	DATE





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5 Level 4 - Code Plan



MAX. TRAVEL DISTANCE: 5.1m

Roof - Code Plan
1:300



SEPARATION OF EXITS: 50.1m

Grade - Code Plan
1:300

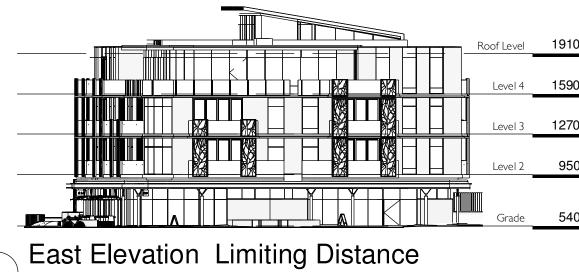


GROUP E OCCUPANCY

LIMITING DISTANCE: 16.2 m EXPOSING BUILDING FACE: 200+ m² MAXIMUM AREA OF UNPROTECTED OPENINGS: 100%

GROUP C OCCUPANCY

LIMITING DISTANCE: 16.2 m EXPOSING BUILDING FACE: MAXIMUM AREA OF UNPROTECTED OPENINGS: 100%

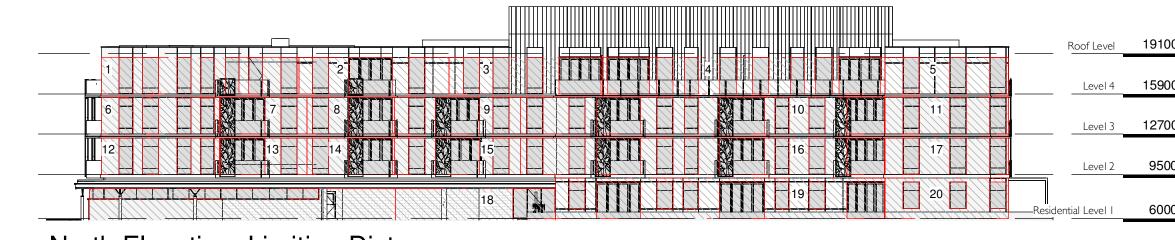


GROUP E OCCUPANCY

LIMITING DISTANCE: 4.7 m EXPOSING BUILDING FACE: 73 m² MAXIMUM AREA OF UNPROTECTED OPENINGS: PROPOSED AREA OF UNPROTECTED OPENINGS: PROPOSED PERCENTAGE OF UNPROTECTED OPENINGS: 20.5%

GROUP C OCCUPANCY

SEE TABLE



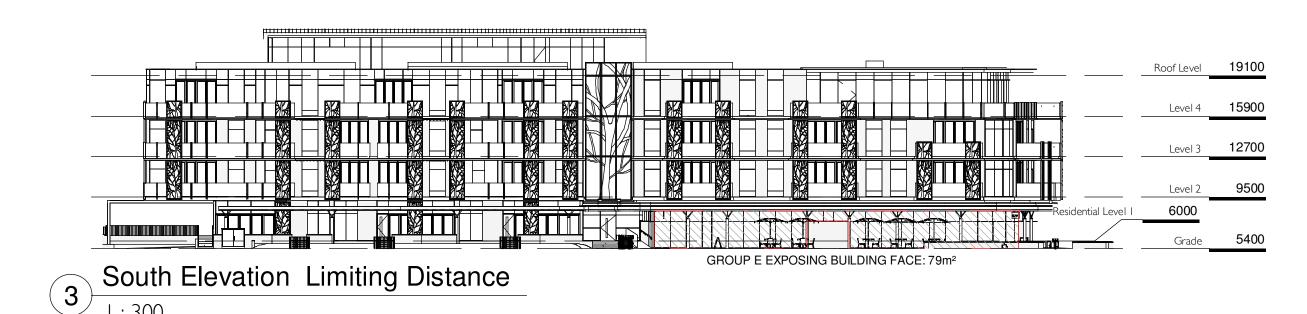
North Elevation Limiting Distance
1:300

GROUP E OCCUPANCY

LIMITING DISTANCE: 10.9 m EXPOSING BUILDING FACE: 79 m² MAXIMUM AREA OF UNPROTECTED OPENINGS: 100%

GROUP C OCCUPANCY

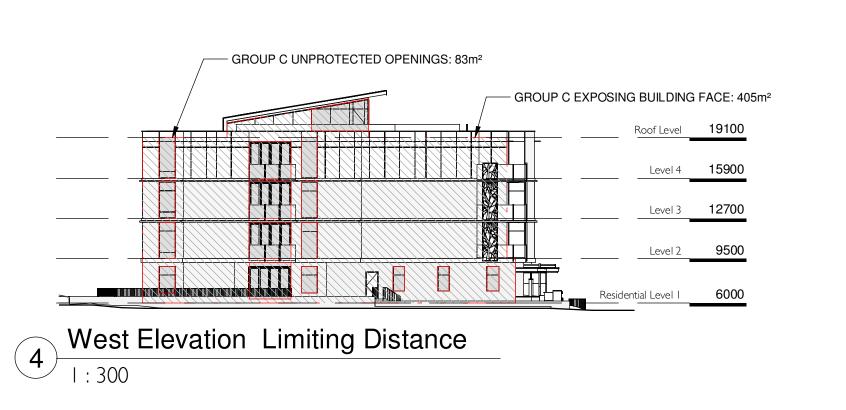
LIMITING DISTANCE: 10.9 m EXPOSING BUILDING FACE: 150+ m² MAXIMUM AREA OF UNPROTECTED OPENINGS: 100%



GROUP E OCCUPANCY

GROUP C OCCUPANCY

ditto i o o o o i / ii o i	
LIMITING DISTANCE:	5 m
EXPOSING BUILDING FACE:	405 m²
MAXIMUM AREA OF UNPROTECTED OPENINGS:	40%
PROPOSED AREA OF UNPROTECTED OPENINGS:	83 m²
PROPOSED PERCENTAGE OF UNPROTECTED OPENINGS:	20.5%



NORTH ELEVEATION - GROUP C OCCUPANCY

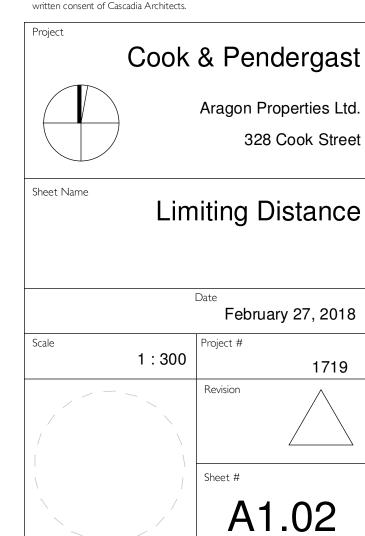
BUILDING COMPARTMENT	LIMITING DISTANCE	AREA OF EXPOSING FACE	MAXIMUM % OPENING	PROPOSED AREA OF OPENING	PROPOSED % OPENING
1	4.1 m	45 m²	60%	23 m²	51%
2	4.1 m	35 m²	71%	18 m²	51%
3	4.1 m	35 m²	71%	21 m²	60%
4	12.2 m	41 m²	100%	41 m²	63%
5	5.8 m	28 m²	100%	11 m²	39%
6	4.1 m	27 m²	78%	13 m²	48%
7	4.1 m	20 m²	100%	14 m²	70%
8	4.1 m	20 m²	100%	14 m²	70%
9	4.1 m	29 m²	78%	18 m²	62%
10	10.5 m	84 m²	100%	51 m²	61%
11	5.8 m	28 m²	100%	11 m²	39%
12	4.1 m	27 m²	78%	13 m²	48%
13	4.1 m	20 m²	100%	14 m²	70%
14	4.1 m	20 m²	100%	14 m²	70%
15	4.1 m	29 m²	78%	18 m²	62%
16	10.5 m	84 m²	100%	51 m²	61%
17	5.8 m	28 m²	100%	11 m²	39%
18	8.4 m	38 m²	100%	8 m²	21%
19	10.5 m	84 m²	100%	42 m²	50%
20	5.8 m	31 m²	100%	8 m²	26%



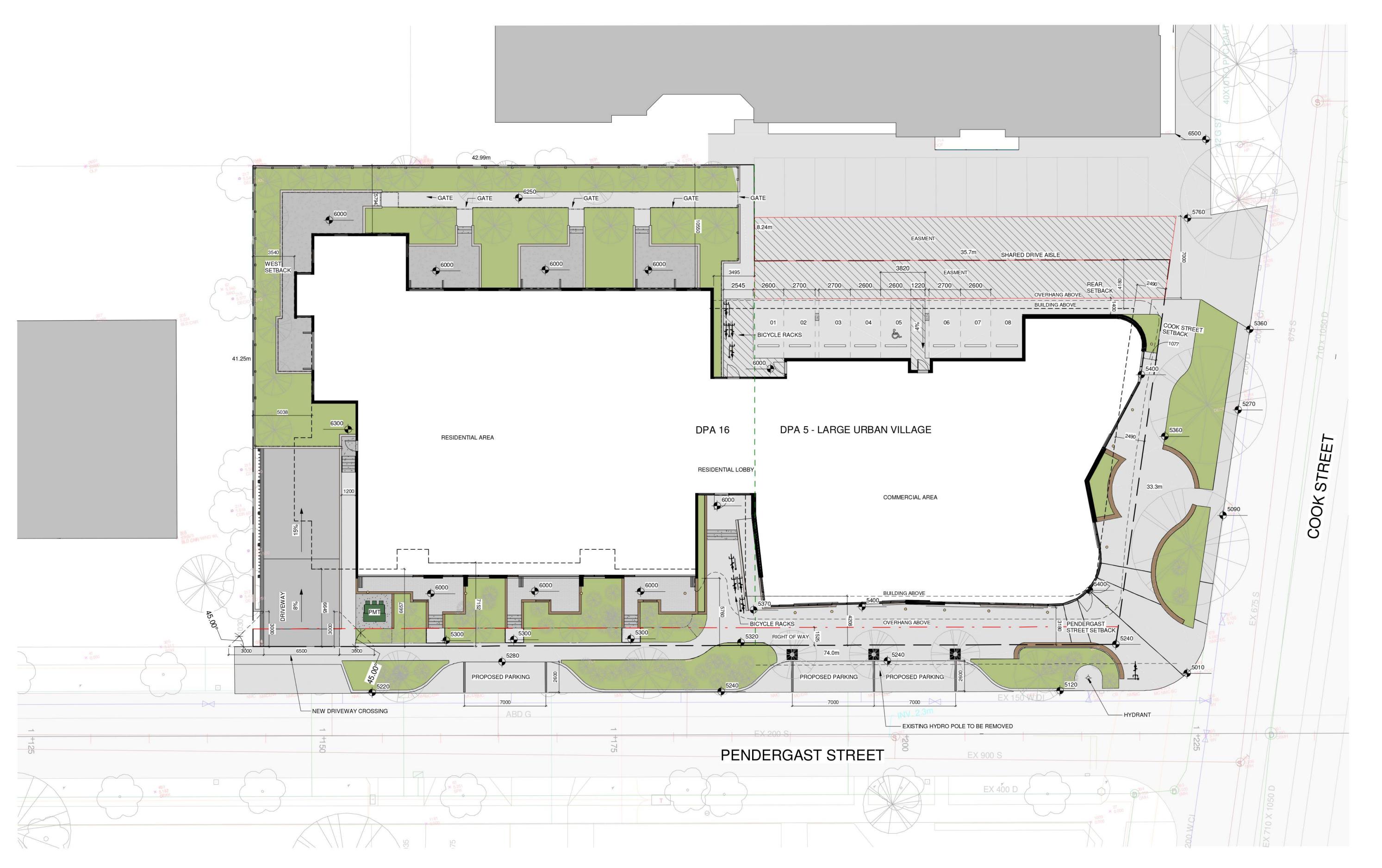


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NOTE:
REFER TO LANDSCAPE PLAN FOR TREE
INFORMATION INCLUDING LOCATION OF
TREES TO BE REMOVED

Overall Site Plan

1:150

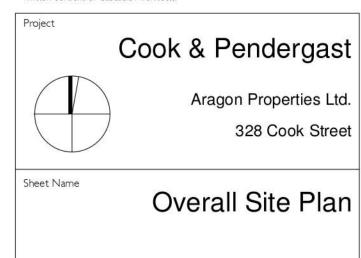
Re-zoning & Development Permit February 27, 2018

NO. DESCRIPTION DATE



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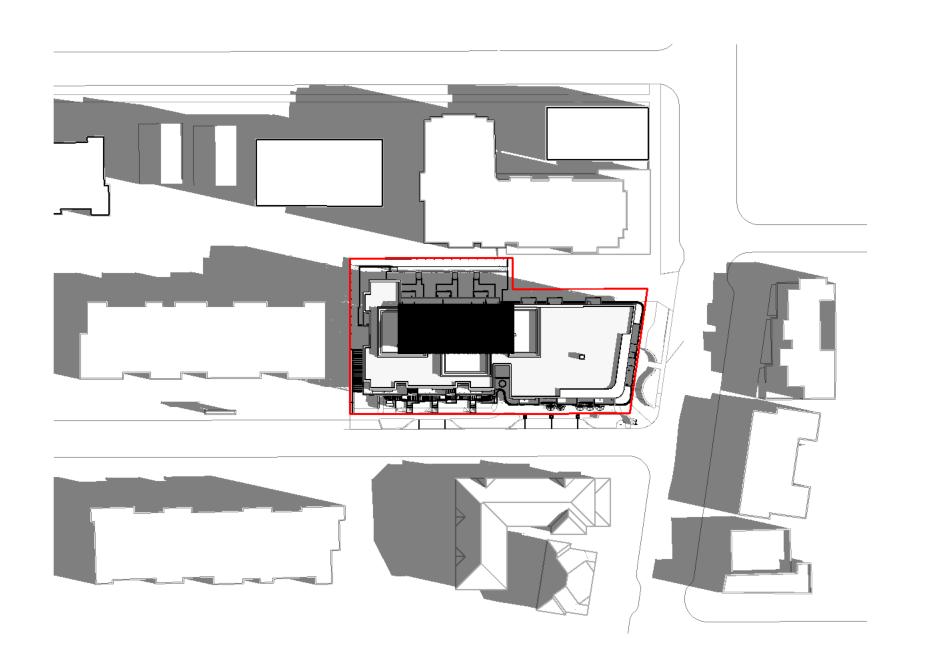


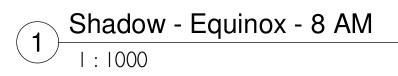
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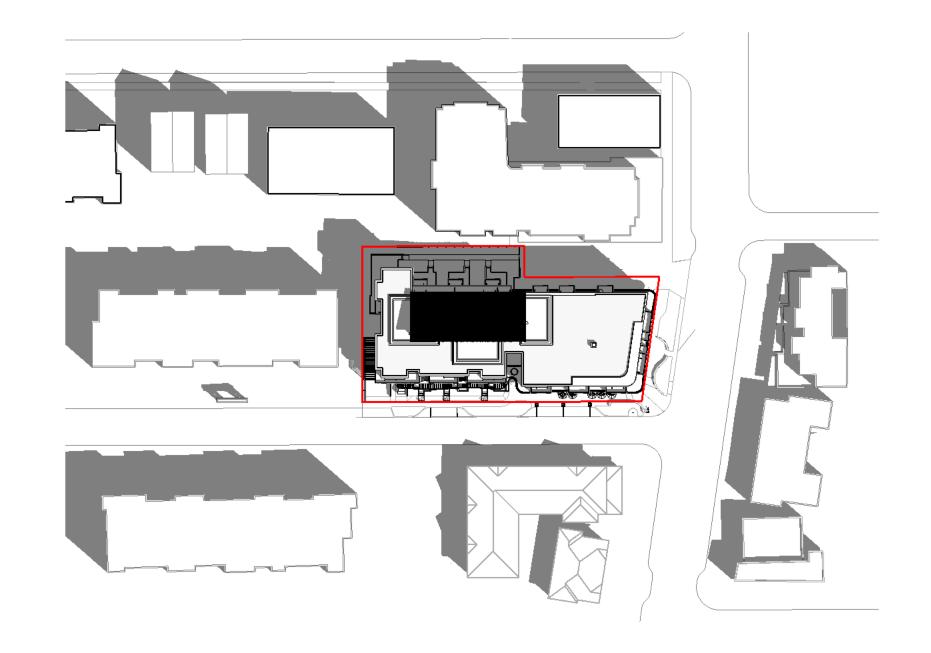
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A1.03

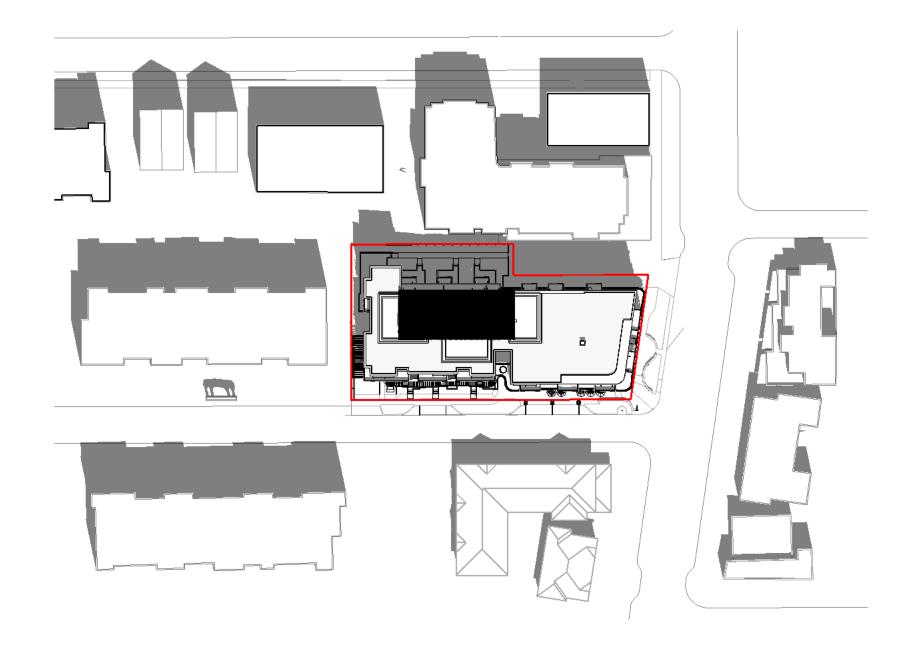
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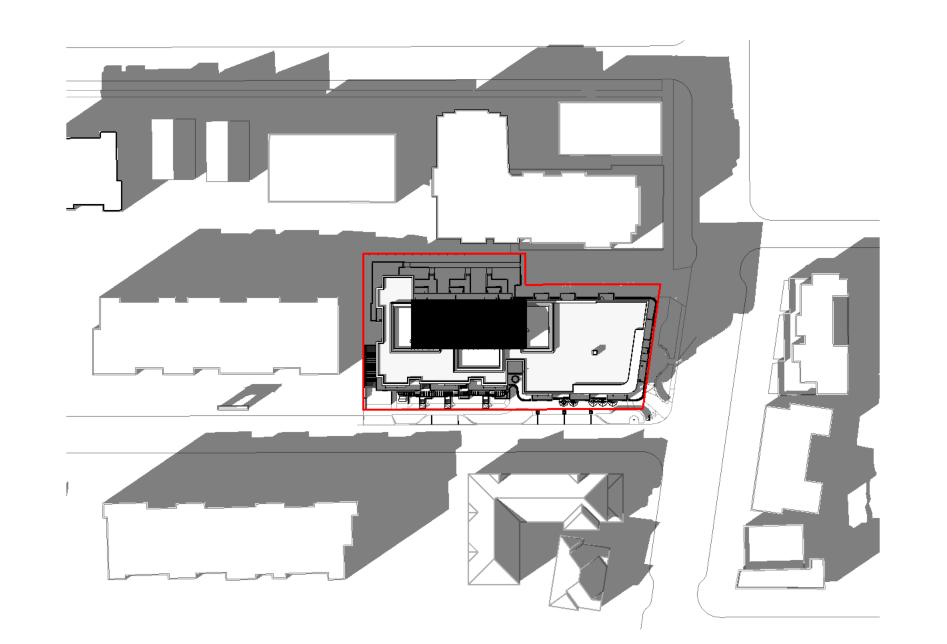
Shadow - Equinox - 10 AM



Shadow - Equinox - 12 PM



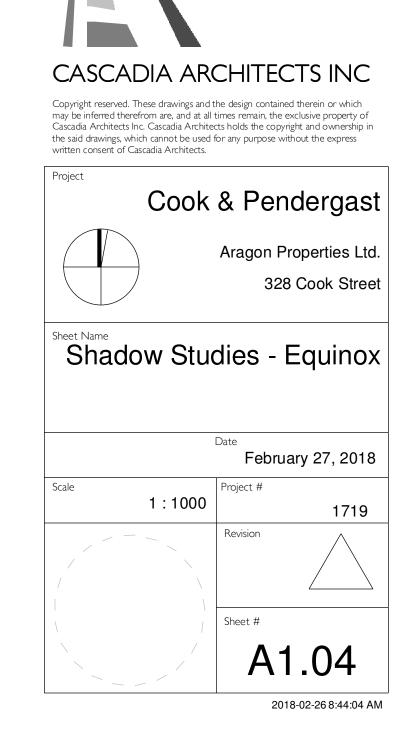
Shadow - Equinox - 2 PM



Shadow - Equinox - 4 PM



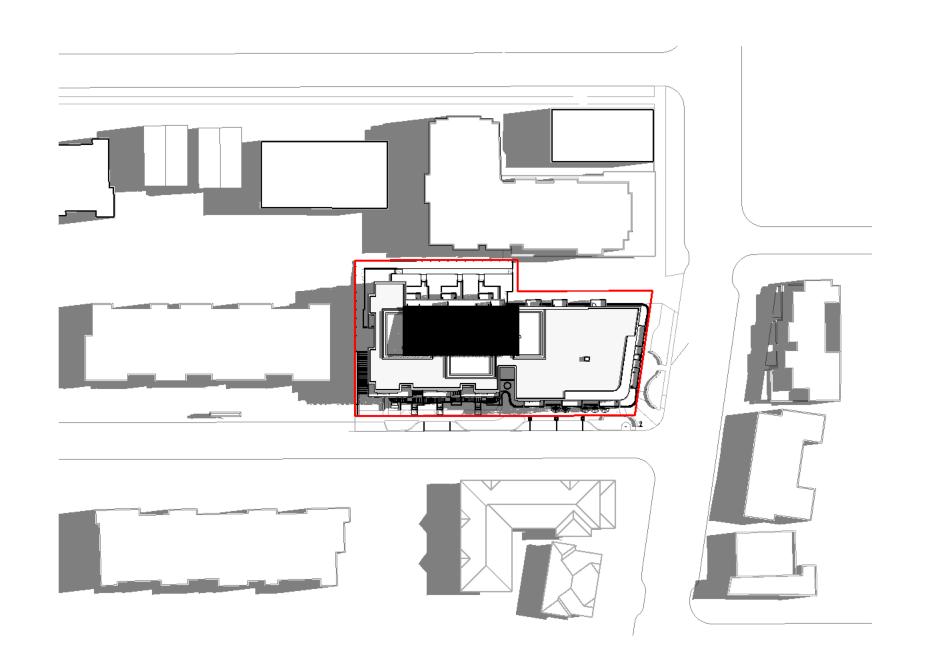
Shadow - Equinox - 6 PM



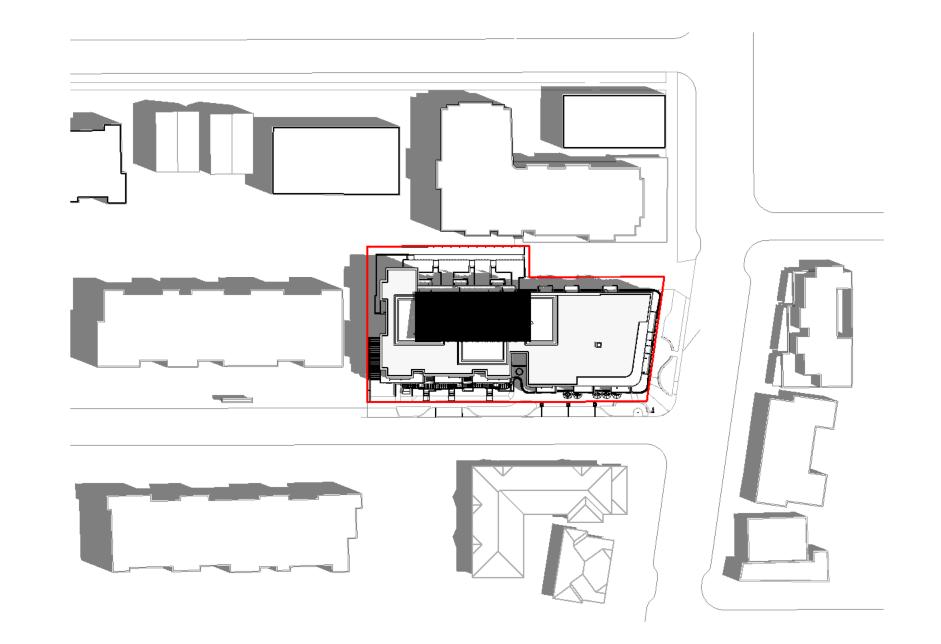
Re-zoning & Development Permit

DESCRIPTION

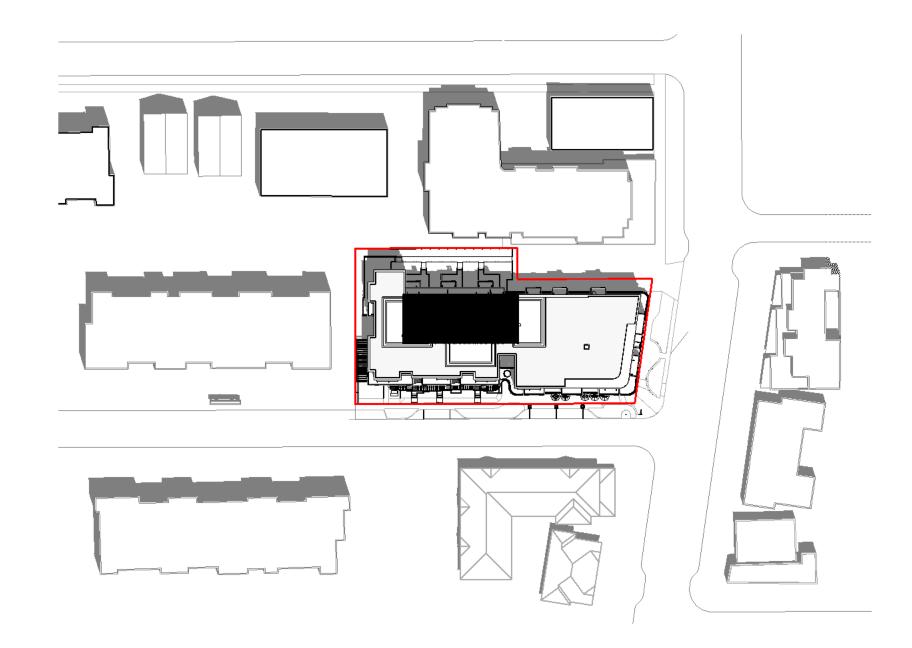
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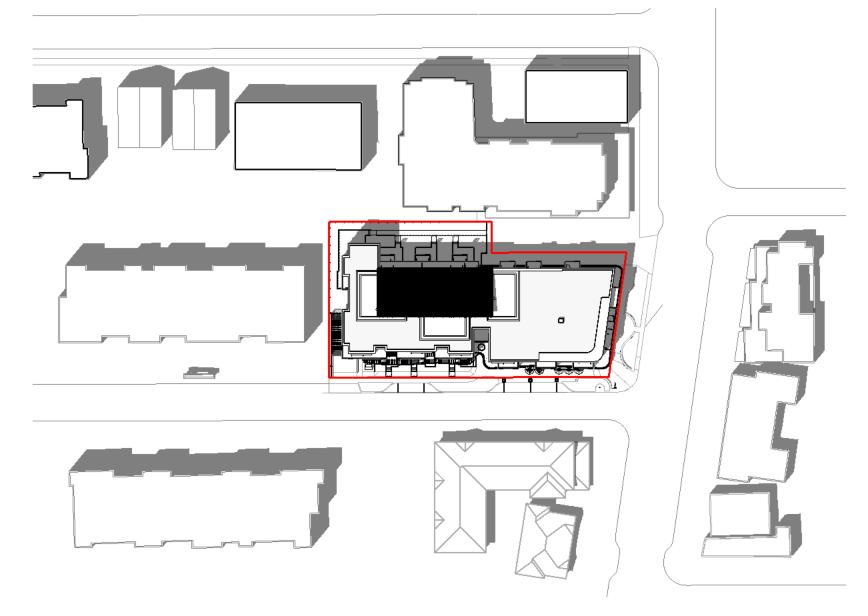




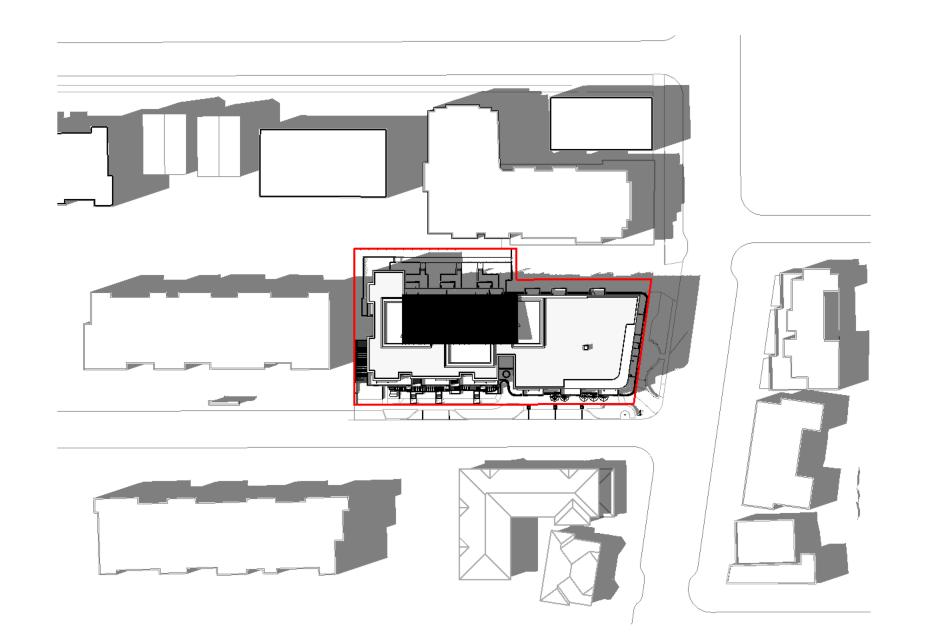
Shadow - Summer - 10 AM



Shadow - Summer - 12 PM



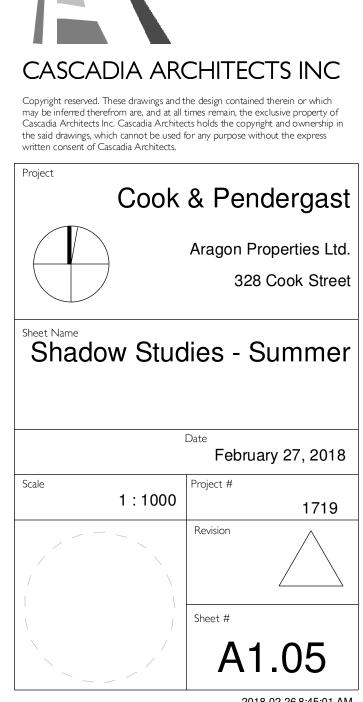
Shadow - Summer - 2 PM



Shadow - Summer - 4 PM



Shadow - Summer - 6 PM



Re-zoning & Development Permit

DESCRIPTION

DATE

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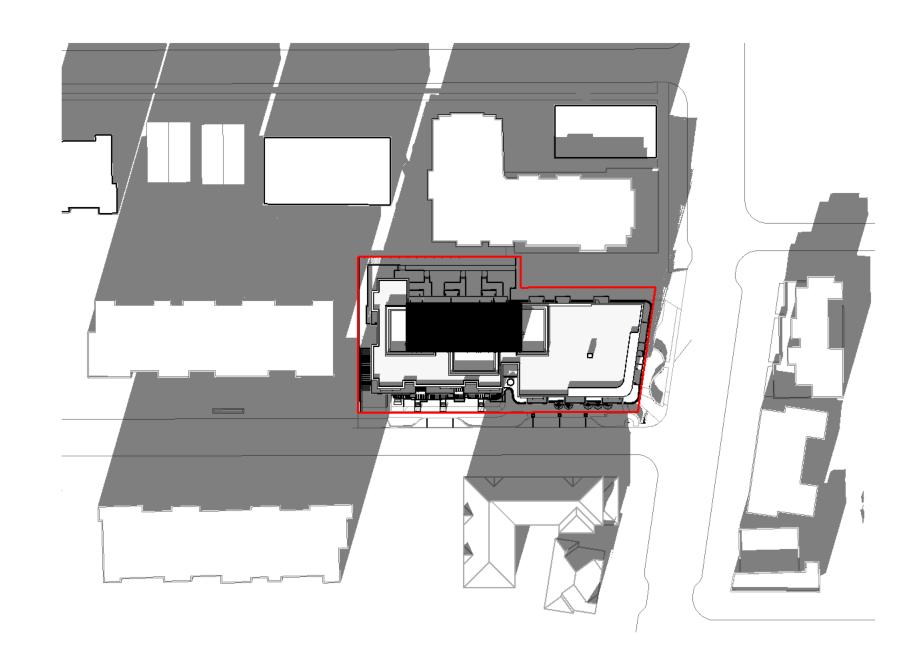
Shadow - Winter - 8 AM



Shadow - Winter - 10 AM



Shadow - Winter - 12 PM



Shadow - Winter - 2 PM



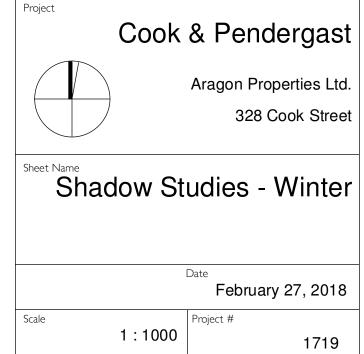
Shadow - Winter - 4 PM

1:1000



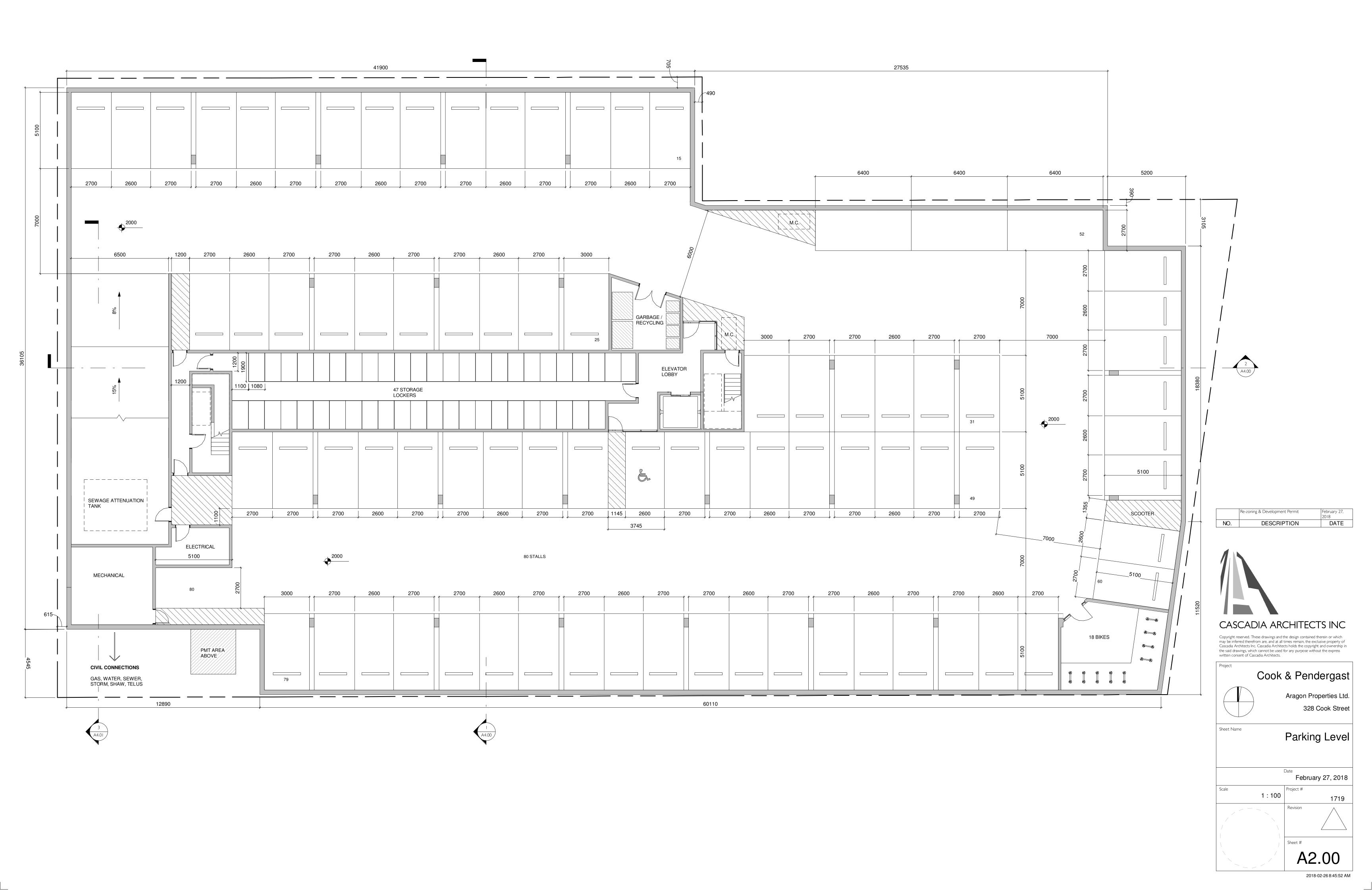


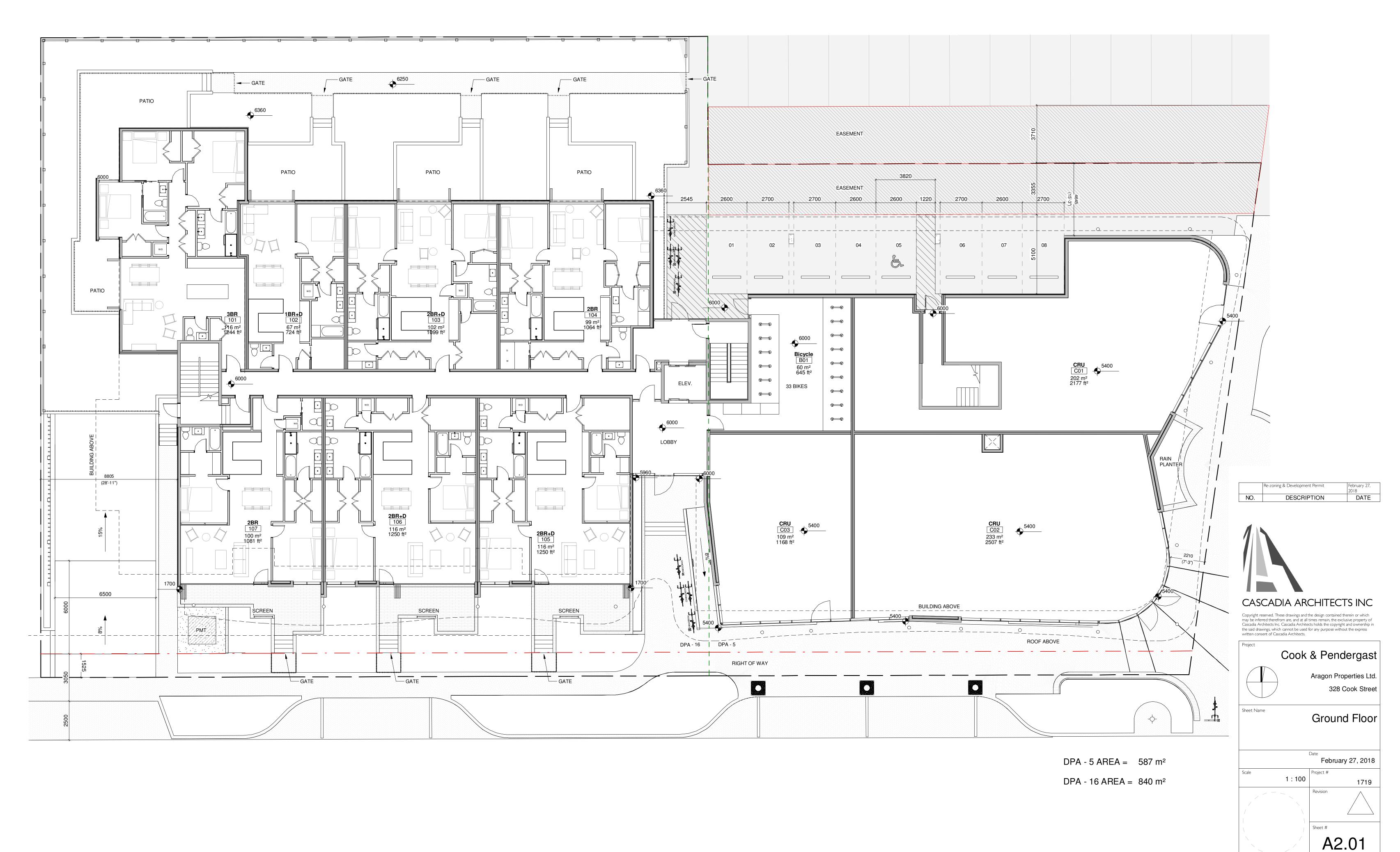
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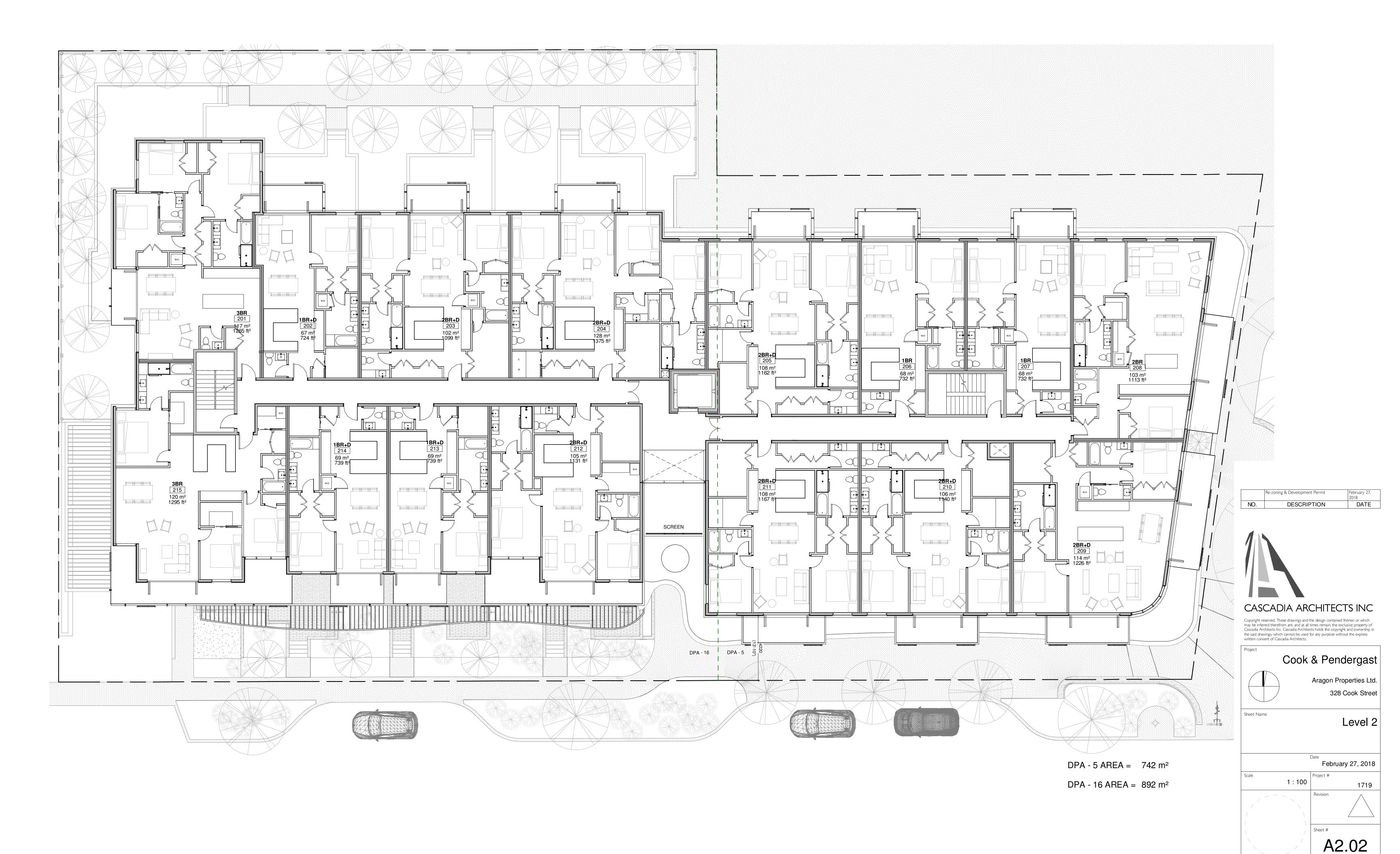
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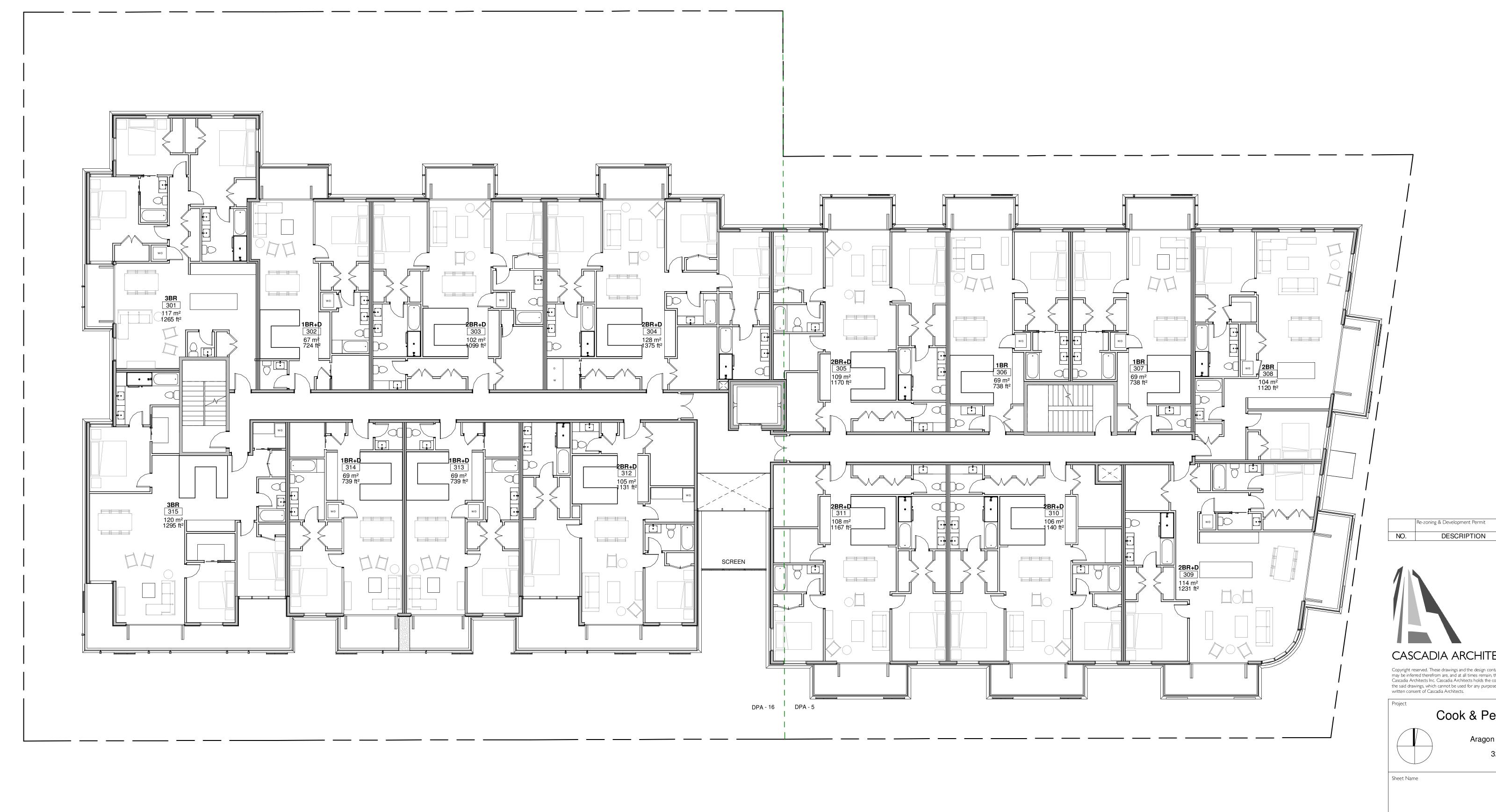




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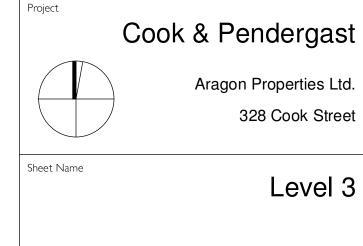
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DATE

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February 27, 2018

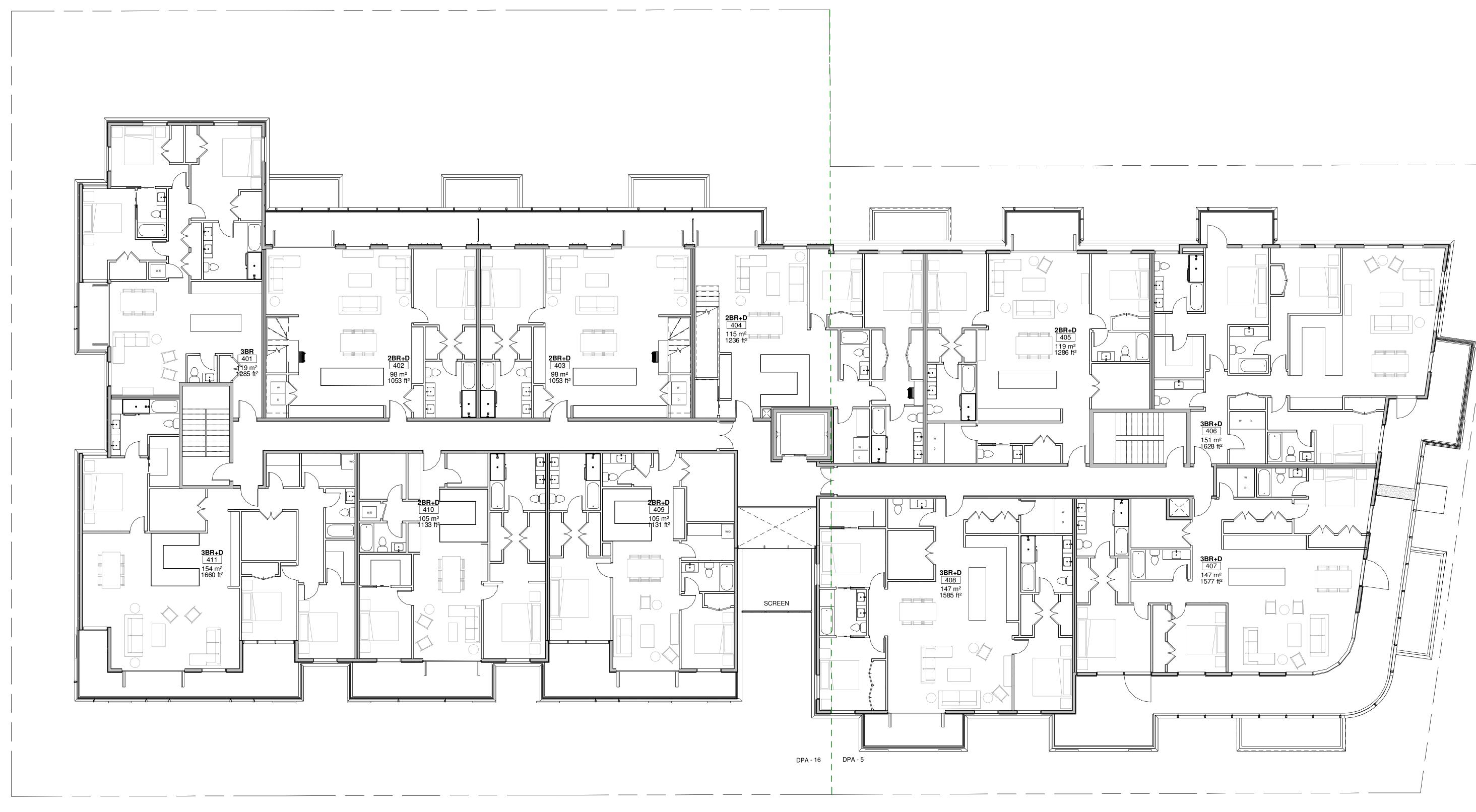
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 $DPA - 5 AREA = 742 m^2$

DPA - $16 \text{ AREA} = 892 \text{ m}^2$

A2.03

2018-02-26 8:46:11 AM



 $DPA - 5 AREA = 676 m^2$

DPA - 16 AREA = 847 m^2

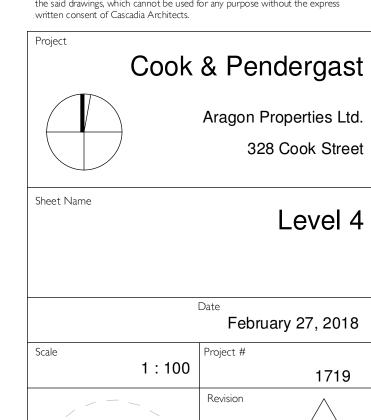
Re-zoning & Development Permit February 27, 2018

NO. DESCRIPTION DATE



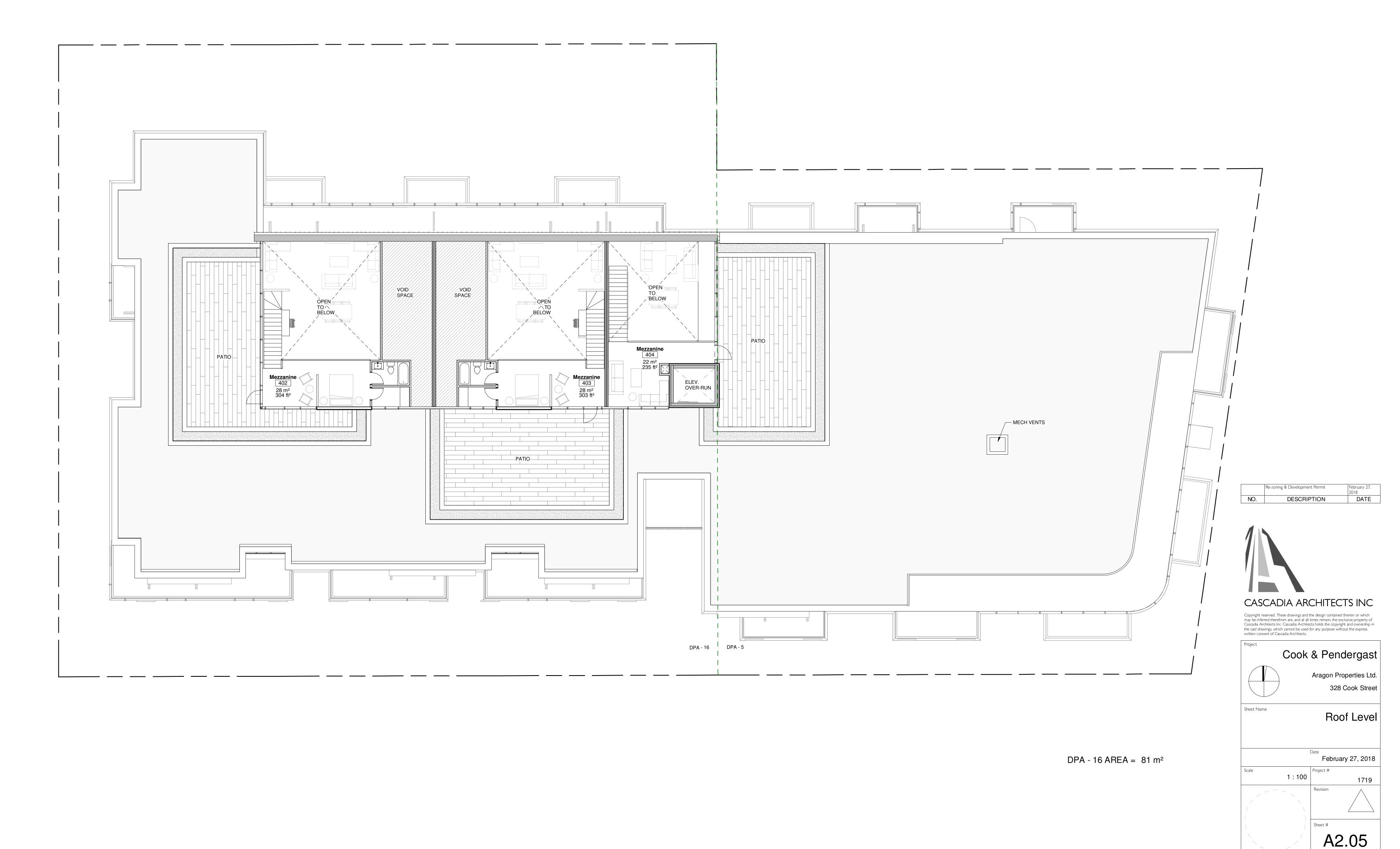
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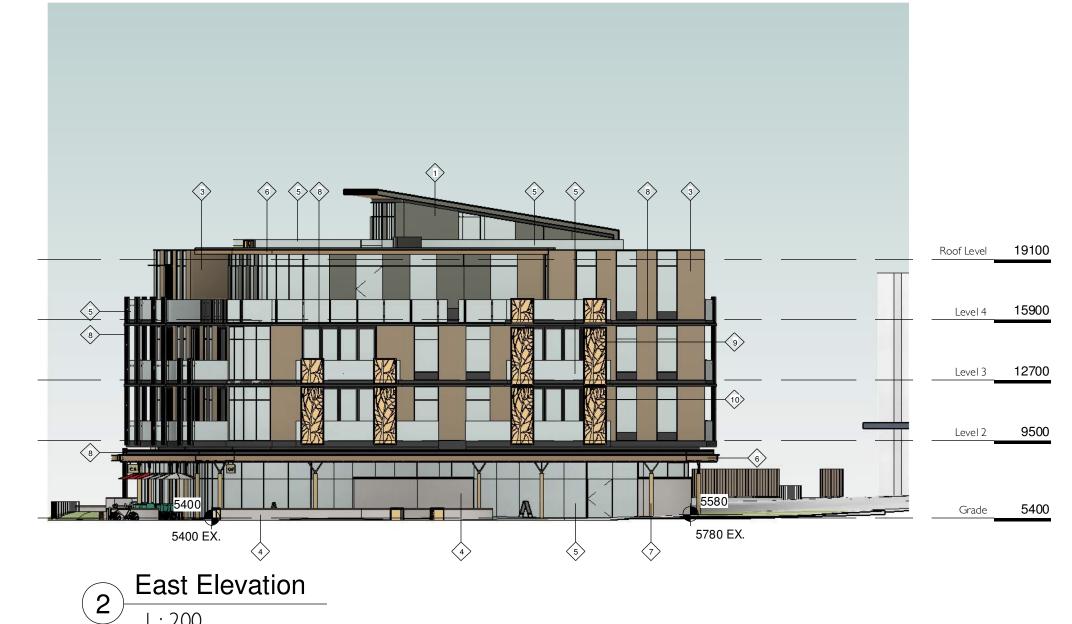
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2018-02-26 8:46:14 AM



2018-02-26 8:46:19 AM

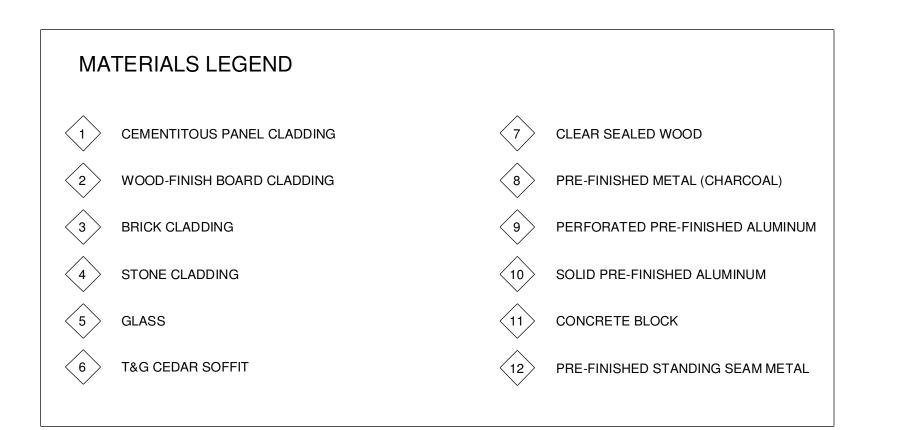








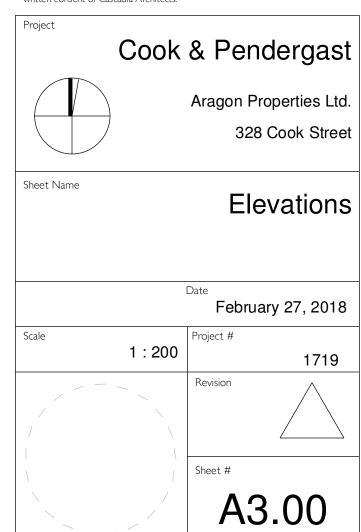








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2018-02-26 8:46:51 AM







VIEW ALONG PENDERGAST STREET CORNER OF COOK STREET & PENDERGAST STREET



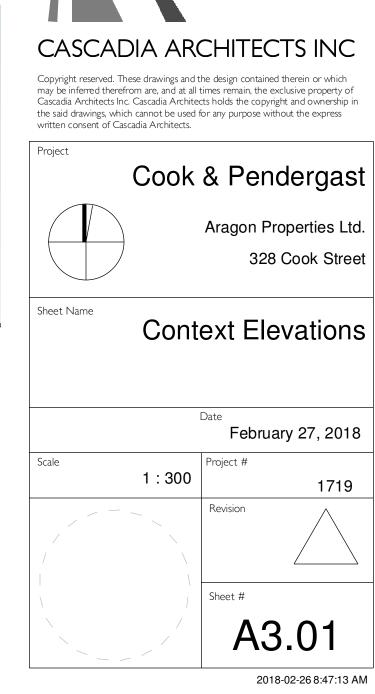
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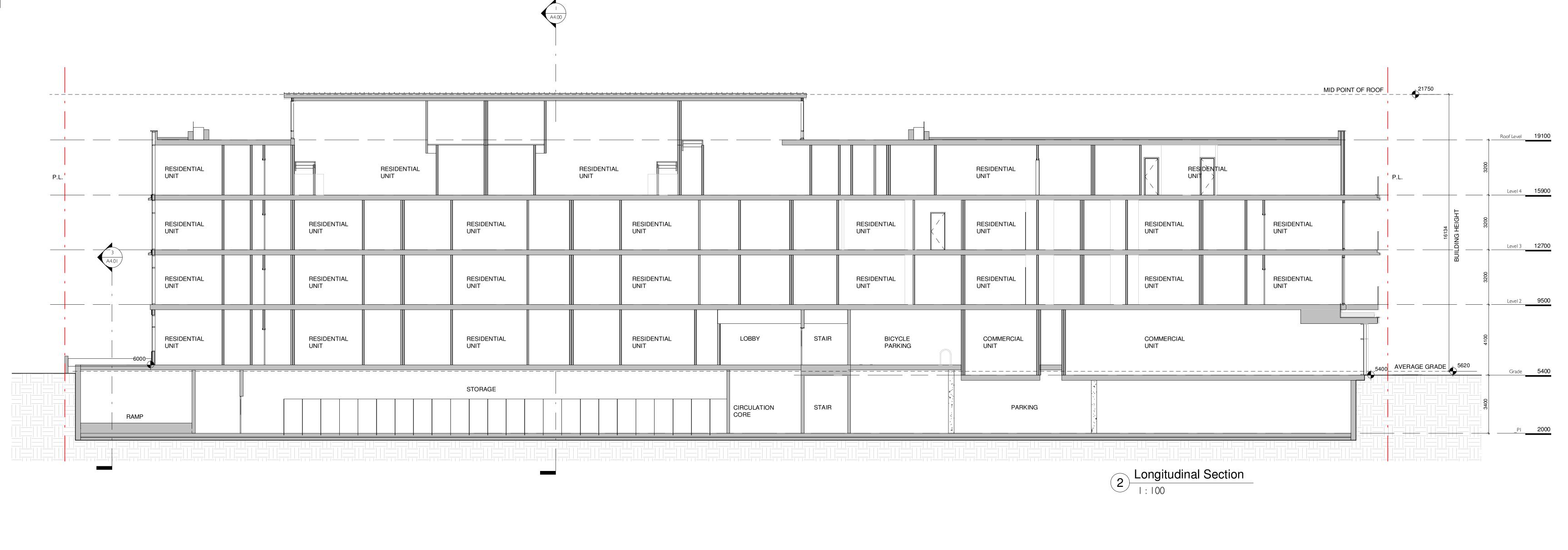
Pendergast Street Elevation

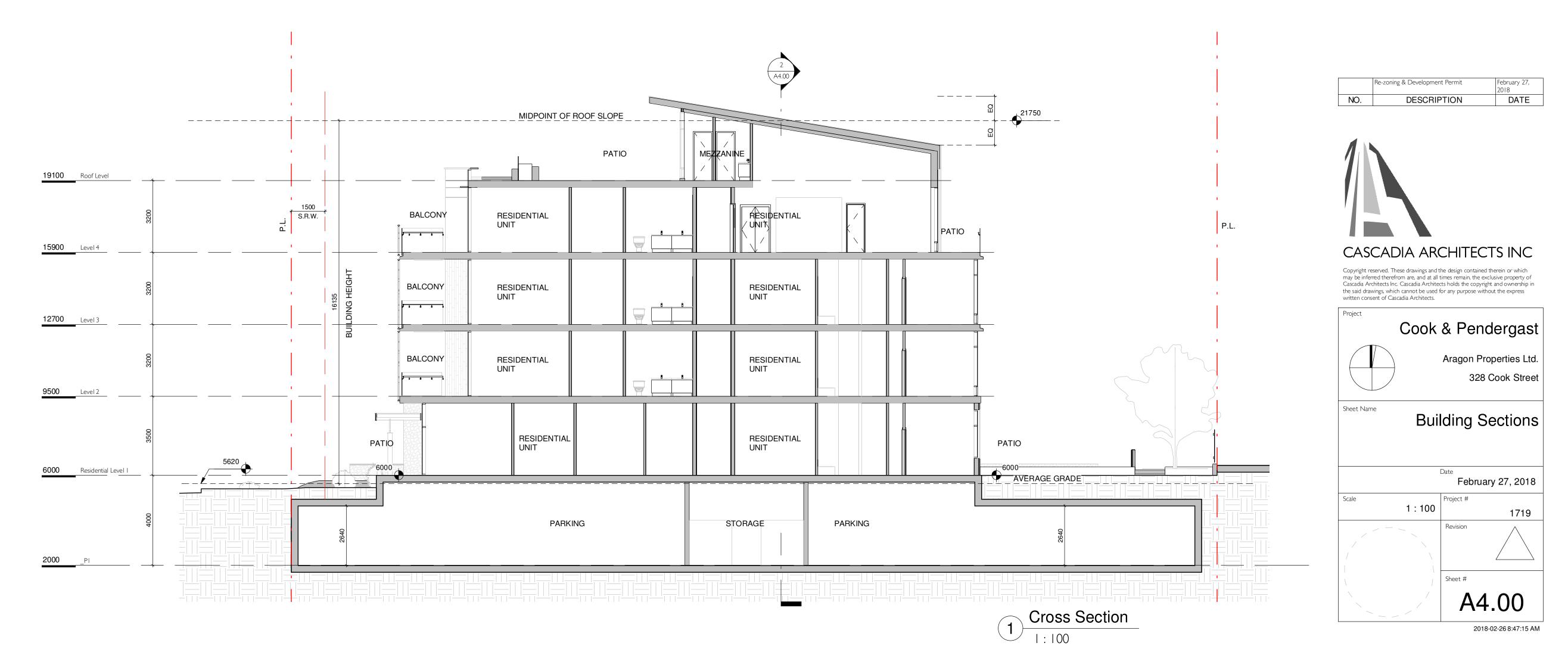
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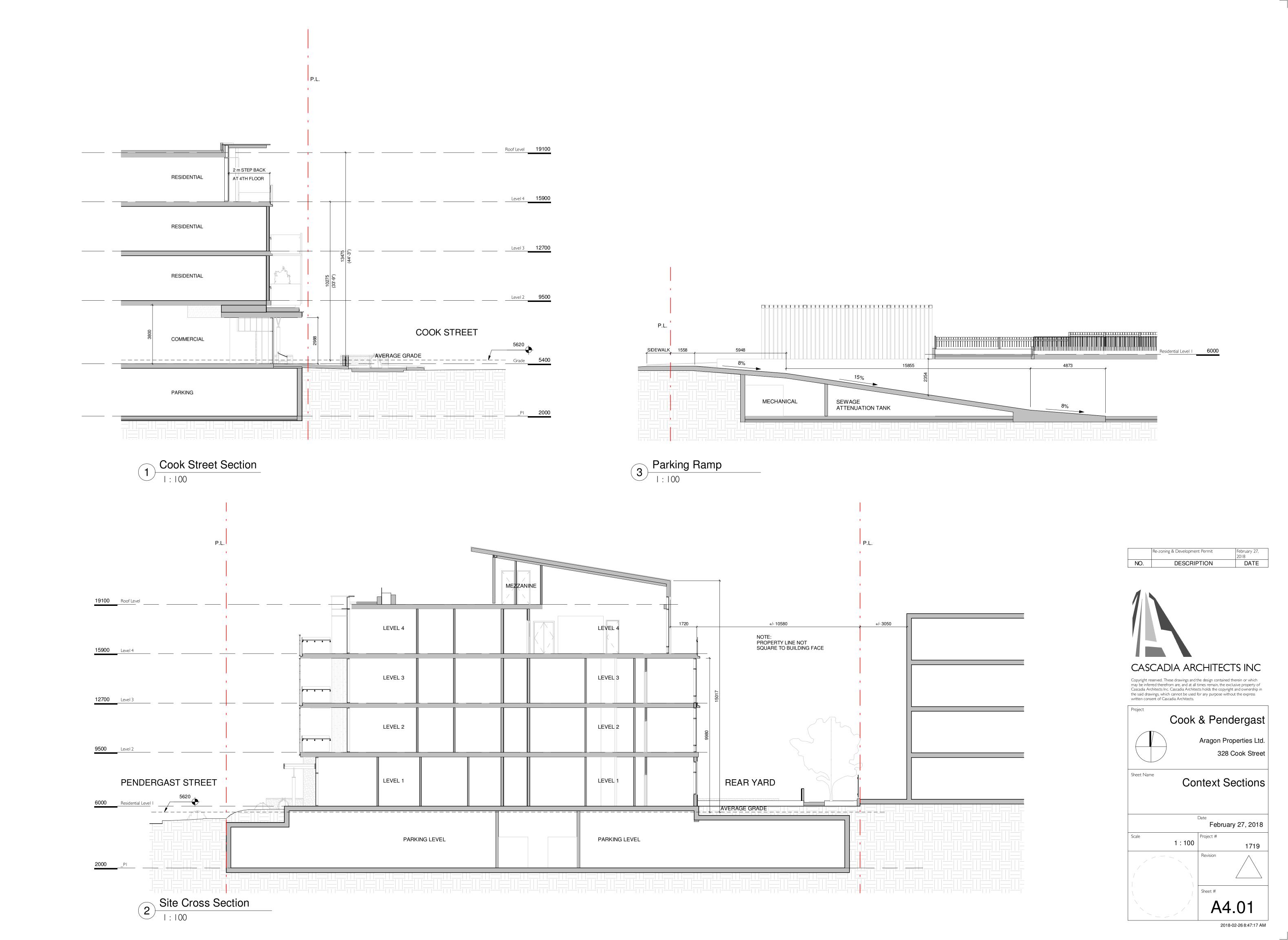


2 Cook Street Elevation
1:300









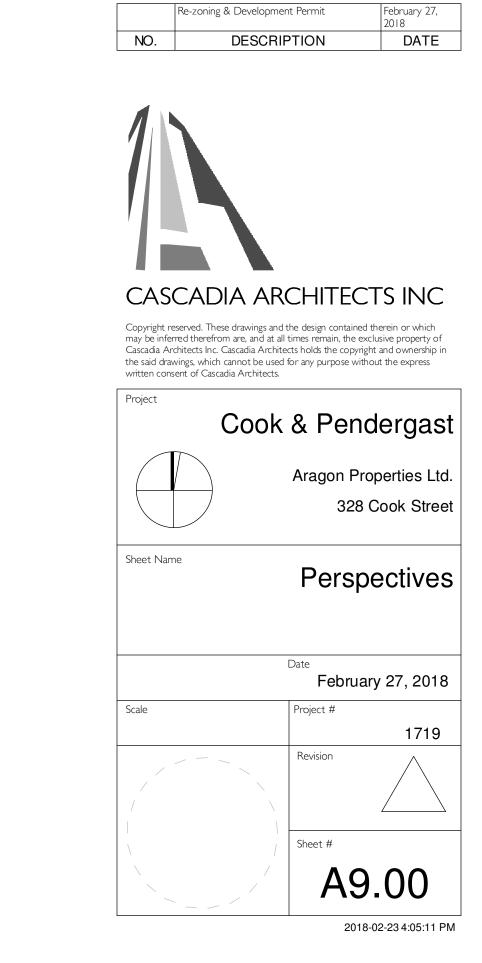




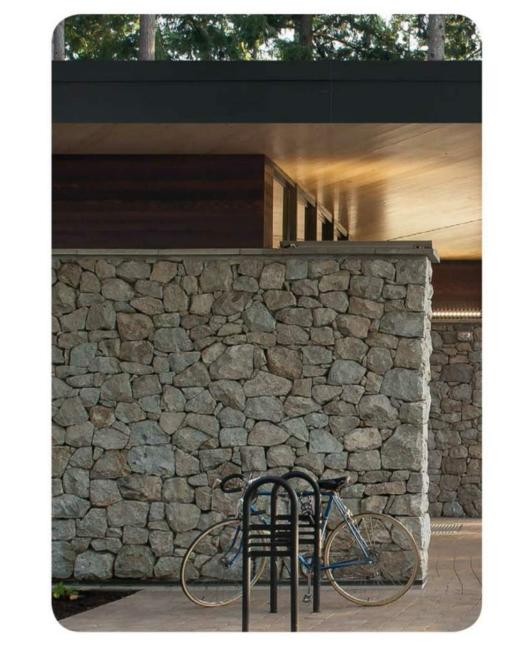
VIEW FROM COOK & PENDERGAST
RESIDENTIAL ENTRANCE



BIRDSEYE VIEW LOOKING SOUTHEAST



PROJECT MATERIALS



STONE



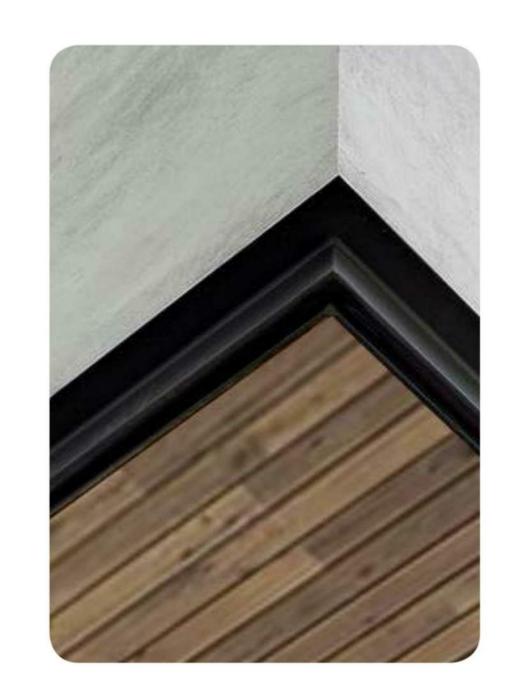
BRICK



WOOD



CEMENTITIOUS



SOFFIT



TIMBER

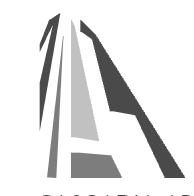


PAVING



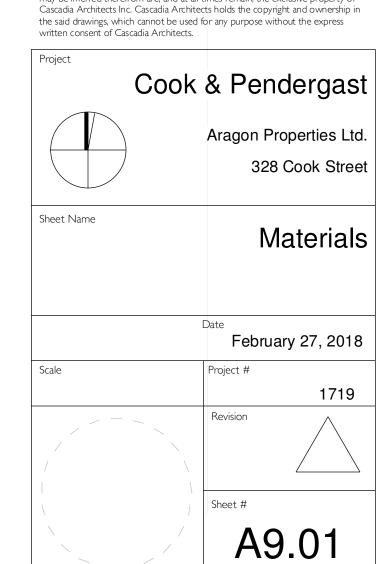
METAL

Re-zoning & Development Permit DATE DESCRIPTION

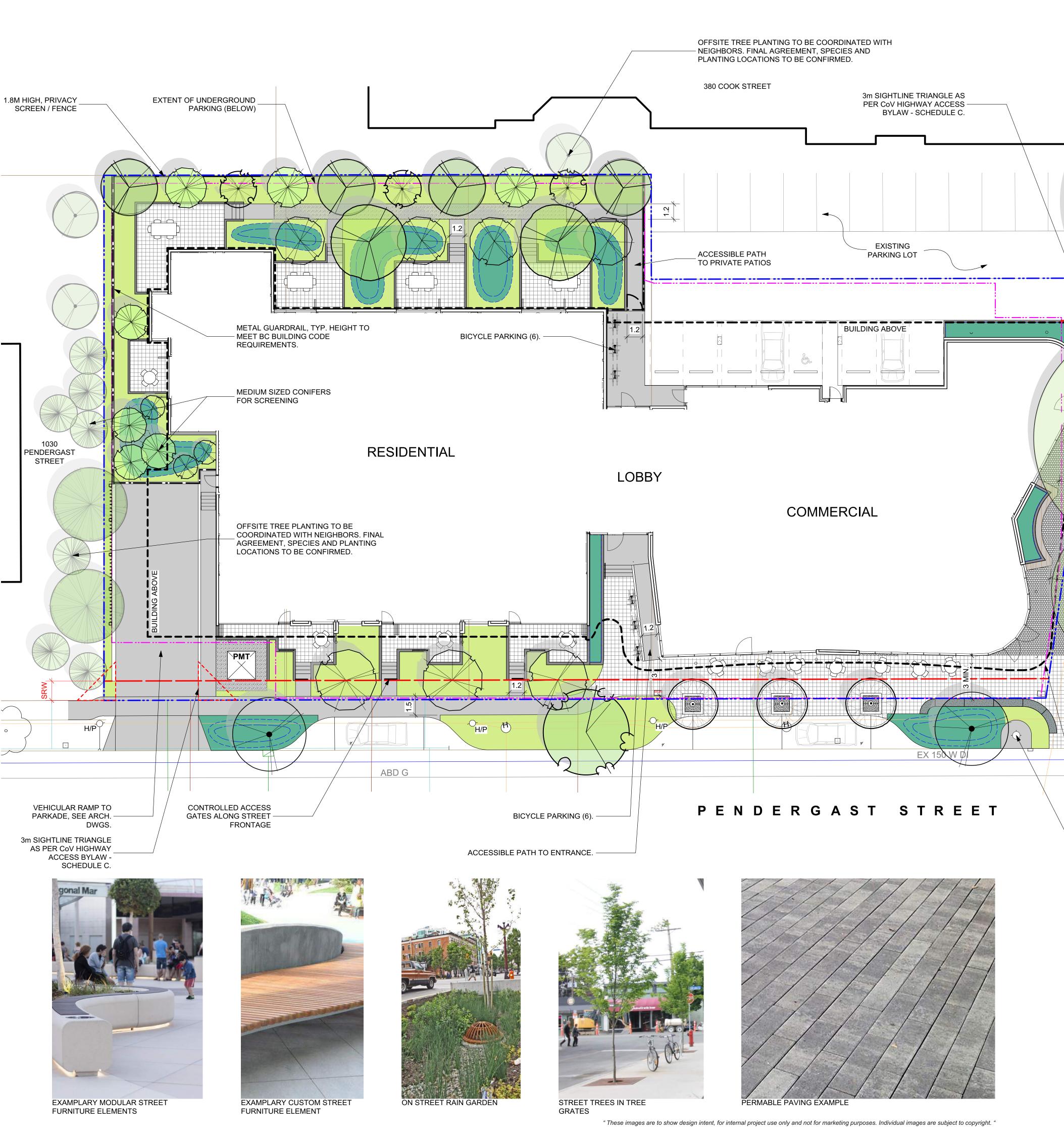


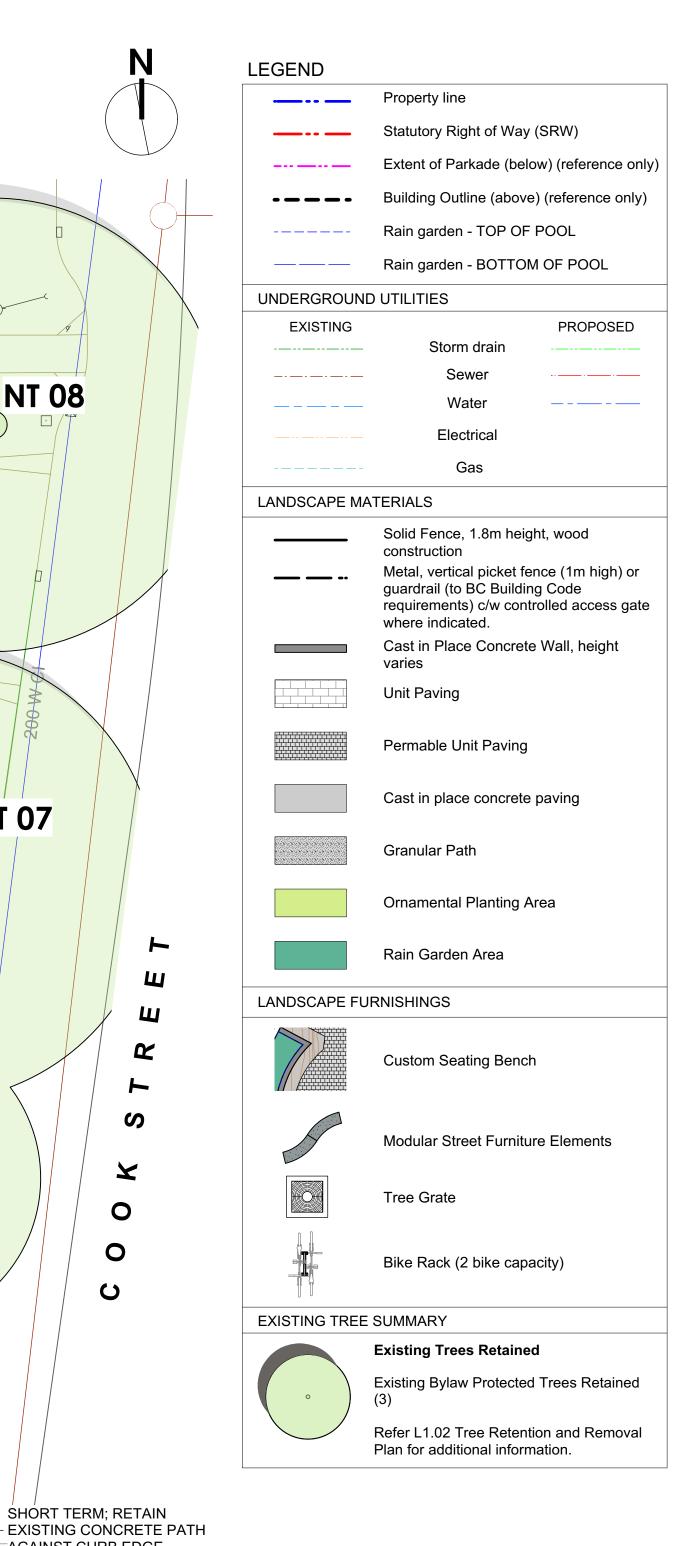
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2018-02-26 8:47:19 AM





IRRIGATION AND LIGHTING NOTES

1. Contractor to field fit irrigation system around existing trees, to limit disturbance to root systems.

2. Sleeves shall be installed at the necessary depths, prior to pavement construction. Sleeving shall extend 300 mm from edge of paving into planting area, and shall have ends marked above grade unless otherwise shown.

NT 08

NT 07

0

C

SHORT TERM; RETAIN

AGAINST CURB EDGE.

LINE DENOTES FUTURE

- MUNICIPAL BIKE LANE /

EXTENT OF UNDERGROUND

EXISTING FIRE HYDRANT.

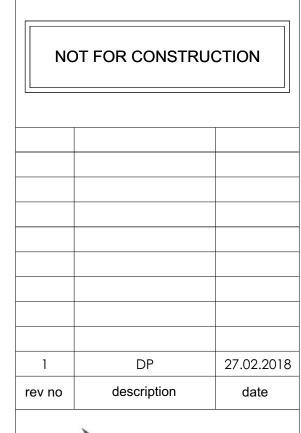
STREET UPGRADES.

PARKING (BELOW).

- Arborist to address sleeving of irrigation lines in protected root zone (PRZ) of existing trees.
- 4. Placement of electrical conduit through site to be coordinated
- 5. Arborist to be onsite and supervise all excavation/trenching within PRZ of retained trees.

acceptance.

- **DRAWING NOTES** 1. DO NOT SCALE DRAWING: Verify all property lines and existing
- structures/vegetation to remain, prior to commencing work.
- 2. All plan dimensions in metres and all detail dimensions in millimetres.
- 3. Plant quantities on Plans shall take precedence over plant list
- quantities. 4. Contractor to confirm location and elevation of all existing services and
- utilities prior to start of construction. 5. Provide layout of all work for approval by Landscape Architect prior to
- proceeding with work.
- 6. Contractor to provide irrigation system for all planters and green roofs
- to current IIABC Standards and Contract Specifications. 7. Landscape installation to carry a 1 year warranty from date of
- 8. Plant material, installation and maintenance to conform to the current edition of the Canadian Landscape Standard. 9. General Contractor and/or sub-contractors are responsible for all costs
- related to production and submission to consultant of all landscape as-built information including irrigation. 10. Tree protection fencing, for existing trees, to be installed prior to commencement of all site work





Murdoch

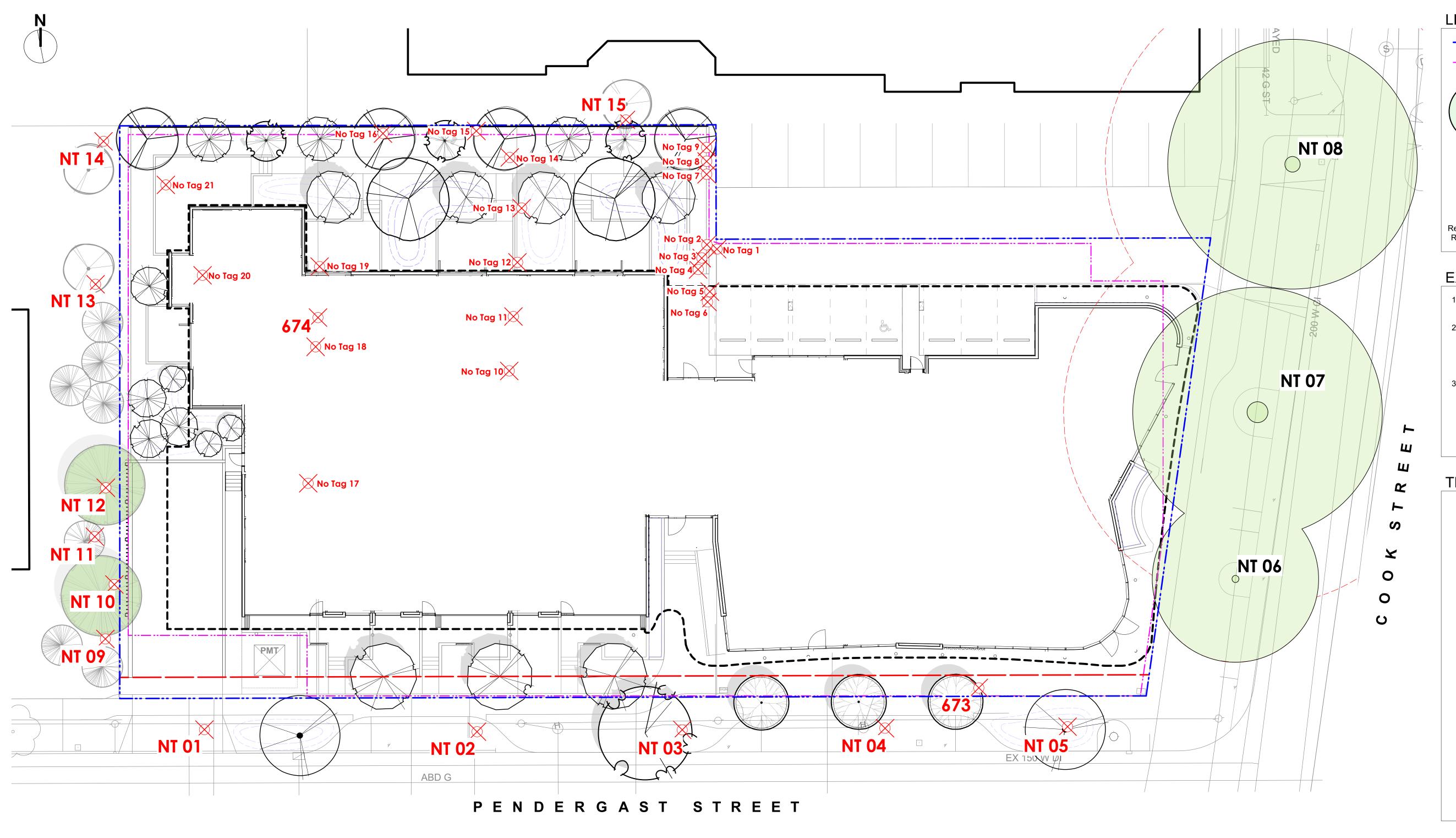
ARAGON PROPERTIES LTD. 201-1628 WEST 1ST AVENUE VANCOUVER, BC

328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

sheet title

Landscape Materials Plan

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	
1	L	1.01



TOTAL NEW TREES: 44

EXISTING TREE INVENTORY

<u>118</u>

<u>112</u>

DBH (cm)

<u>36, 32, 23, 22</u>

DBH (cm)

29

55

59

BYLAW PROTECTED TREES TO BE REMOVED: 2

Greeff field inventory work.

RETAINED TREES

TREE TAG#

NT 06*

NT 07*

NT 08*

TREE TAG #

<u>674</u>

<u>673</u>

TREE TAG #

NT 01*

NT 02*

NT 03*

NT 04*

NT 05*

NT 09*

NT 10*

NT 11*

NT 12*

NT 13*

NT 14*

NT 15*

OTHER TREES REMOVED

TOTAL TREES TO BE RETAINED: 3

BYLAW PROTECTED TREES REMOVED

Based on Construction Impact & Tree Presevervation Plan Report from Talbot Mackenzie & Associates, dated November 10,

PRZ (radius in m)

6.0

<u>14.0</u>

<u>13.5</u>

PRZ (radius in m)

<u>10.0</u>

PRZ (radius in m)

3.5

2.0

4.0

2.0

2.0

3.0

8.5

7.0

7.0

4.0

4.0

5.0

2017. Refer to Arborist Report for details on tree conditions and Arborist recommendations. 'No Tag' trees based on Murdoch de

SPECIES

Aesculus hippocastanum, Horsechest Nut

Aesculus hippocastanum, Horsechest Nut

Aesculus hippocastanum, Horsechest Nut

SPECIES

Thuja plicata, Western Red Cedar

Prunus cerasifera, Purple Leaf Plum

SPECIES

Prunus spp., Cherry

llex aquifolium, Holly

Thuja plicata, Western Red Cedar

Chamaecyparis lawnsonii, Lawson Cypress

Cupressus x leylandii, Leyland Cypress

Prunus spp., Cherry

Malus spp., Apple

Prunus spp., Cherry

CROWN SPREAD (m)

12.0

<u>18.0</u>

<u>18.0</u>

CROWN SPREAD (m)

<u>12.0</u>

<u>12.0</u>

CROWN SPREAD (m)

6.0

4.0

10.0

4.0

4.0

5.0

10.0

8.0

12.0

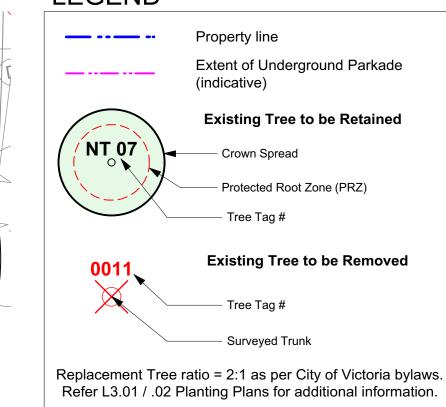
8.0

8.0

10.0

TREE TAG # DBH (cm) PRZ (radius in m) **SPECIES** CROWN SPREAD (m) No Tag 1 Prunus spp., Cherry Cupressus x leylandii, Leyland Cypress No Tag 2 No Tag 3 Cupressus x leylandii, Leyland Cypress No Tag 4 Cupressus x leylandii, Leyland Cypress No Tag 5 Cupressus x leylandii, Leyland Cypress No Tag 6 Cupressus x leylandii, Leyland Cypress No Tag 7 Cupressus x leylandii, Leyland Cypress No Tag 8 Cupressus x leylandii, Leyland Cypress No Tag 9 Cupressus x leylandii, Leyland Cypress No Tag 10 Fraxinus spp., Ash spp. Laburnum spp. Golden Chain Tree No Tag 11 No Tag 12 Fraxinus spp., Ash spp. No Tag 13 Fraxinus spp., Ash spp. No Tag 14 Fraxinus spp., Ash spp. No Tag 15 Fraxinus spp., Ash spp. No Tag 16 Prunus spp., Cherry No Tag 17 Cedar spp., Cedar cultivar No Tag 18 Crataegus spp., Hawthorne spp. No Tag 19 Prunus spp., Cherry No Tag 20 Cupressus x leylandii, Leyland Cypress No Tag 21 Fraxinus spp., Ash spp. OTHER TREES TO BE REMOVED: 33 **TOTAL TREES TO BE REMOVED: 35** Bylaw protected trees are shown underlined * Offsite trees with PRZ extending into the project site. **NEW TREES ONSITE: 32 NEW TREES ON NEIGHBORING PROPERTIES: 12**

LEGEND



EXISTING TREE SUMMARY

- Existing Condition: 38 trees on development lands, bordering neighboring properties and interfacing municipal road R.O.W's.
- 2. Retention of 3 Horse Chestnut Trees on Cook Street and removal 35 other trees. Removed trees include; 23 trees within development lands, 2 of which are Bylaw Protected, 7 neighbouring trees in close proximity to property lines and 5 municipal Cherry trees on Pendergast Street.
- 3. Total trees post development is 47. This includes; retention of the 3 Horse Chestnut trees and planting of 44 new trees, (12 of which are proposed on neighboring properties).

TREE STATEMENT

Many of the subject existing trees relating to this development that are proposed as being removed are a mixture of self seeded trees, remnants of an over mature Laylandii Cypress hedge and/or offer limited landscape amenity.

Proposed new tree plantings will aim to re-establish a healthier urban biodiversity, increase species diversity and offer better habitat value. Part of our tree planting strategy is to aim for generous soil volume allocation for each tree with a goal of increasing the urban forestry canopy over time. The design team's intentions will be guided by the City of Victoria's (CoV) Urban Forestry Strategy. Trees in the streetscape will be selected in consultation with CoV Parks staff.

Protection measures are being proposed to assist with the retention of the 3 Horse Chestnut Trees on Cook Street. This includes the installation of permeable paving installed on top of existing subgrade within the critical root zone (CRZ) areas. In additional, the new sidewalk alignment is setback from its current location allowing for more soil volume and less trunk flare encroachment. Pockets of low plantings are proposed within the understory which will also limit foot traffic disturbance (soil compaction) within the CRZ areas.

1 DP 27.02.2018
rev no description date

NOT FOR CONSTRUCTION



/ Murdoch

de Greeff

Landscape Planning & Design

client
ARAGON PROPERTIES LTD.
201-1628 WEST 1ST AVENUE
VANCOUVER, BC

project

200 - 524 Culduthel Road Victoria, BC V8Z 1G1

328 COOK STREET
324/238 COOK STREET &
1044-1054 PENDERGAST
STREET
VICTORIA, BC

sheet title

Tree Retention and Removal Plan

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	
_		

DRAWING NOTES

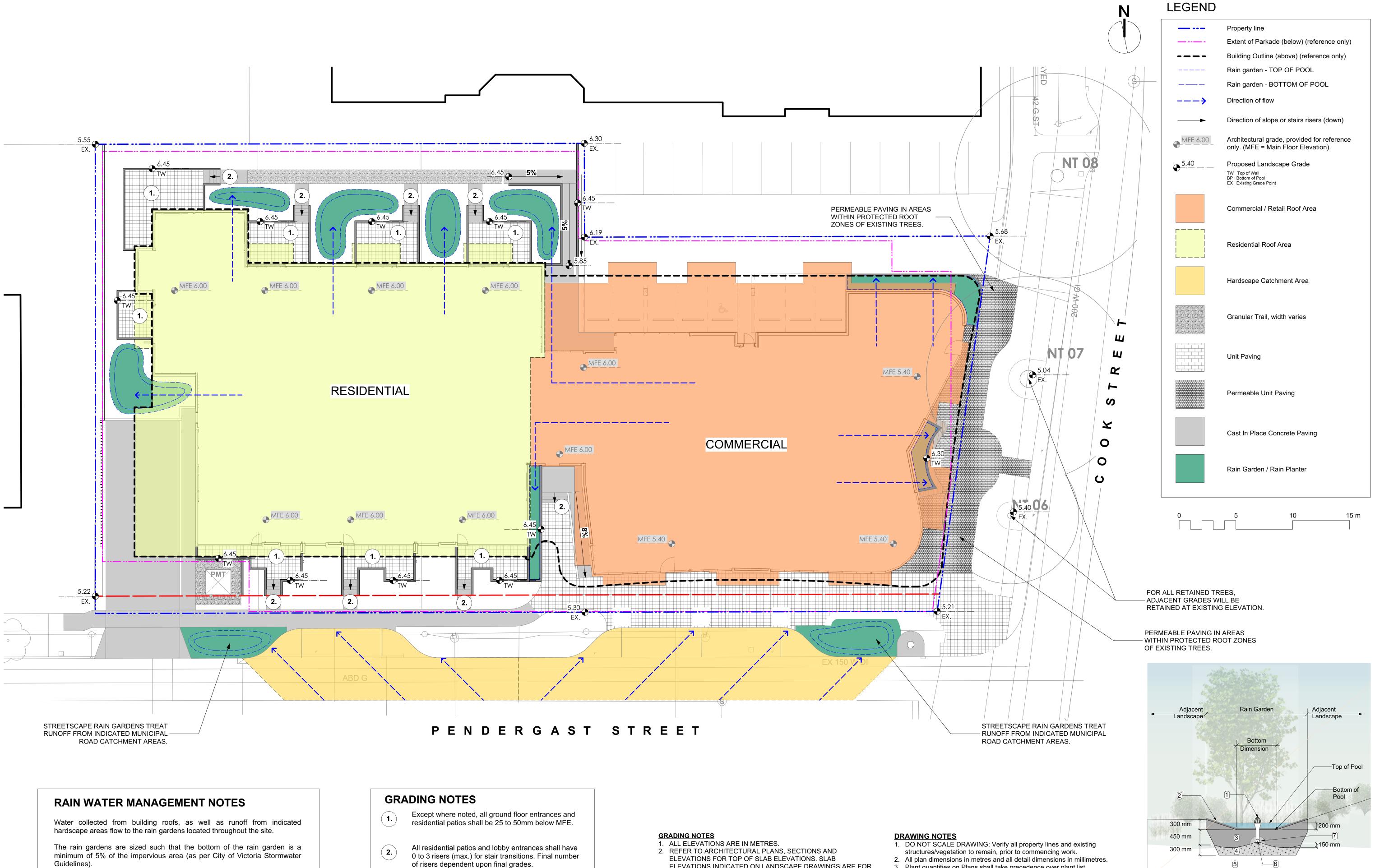
- 1. DO NOT SCALE DRAWING: Verify all property lines and existing structures/vegetation to remain, prior to commencing work.
- All plan dimensions in metres and all detail dimensions in millimetres.

 Plant quantities on Plans shall take precedence over plant list.
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- 4. Contractor to confirm location and elevation of all existing services and utilities prior to start of construction.
- Provide layout of all work for approval by Landscape Architect prior to
- proceeding with work.6. Contractor to provide irrigation system for all planters and green roofs
- to current IIABC Standards and Contract Specifications.
- 7. Landscape installation to carry a 1 year warranty from date of acceptance.

commencement of all site work

- 8. Plant material, installation and maintenance to conform to the current edition of the Canadian Landscape Standard.9. General Contractor and/or sub-contractors are responsible for all costs
- related to production and submission to consultant of all landscape as-built information including irrigation.

 10. Tree protection fencing, for existing trees, to be installed prior to



Guidelines).

Rain gardens will be designed with underdrains and a high capacity overflow drain that will be connected to the onsite piped drainage system.

Permeable paving will be used to manage hardscape in areas within the protected root zones of existing trees and in areas in proximity to street trees in tree grates as indicated.

All paths and where possible, residential patios will be drained towards absorbent landscape areas or rain gardens.

Streetscape rain gardens are proposed on Pendergast Street. These will capture, slow and treat (clean) runoff from municipal road catchment areas as indicated on the plan.

- ELEVATIONS INDICATED ON LANDSCAPE DRAWINGS ARE FOR REFERENCE ONLY. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.
- 3. ALL ROAD AND PUBLIC WALKWAY ELEVATIONS INDICATED ON LANDSCAPE DRAWINGS ARE FOR REFERENCE ONLY. REFER TO CIVIL ENGINEERING DRAWINGS FOR ALL ROAD AND ARCHITECTURAL DRAWINGS FOR PUBLIC WALKWAY ELEVATIONS. REPORT ANY DISCREPANCIES TO CONSULTANT
- FOR REVIEW AND RESPONSE. 4. CONFIRM ALL EXISTING GRADES PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.
- 5. UNLESS OTHERWISE NOTED PROVIDE A MINIMUM SLOPE OF 2% ON ALL HARD AND SOFT LANDSCAPE AREAS TO ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS OR TO DRAINAGE STRUCTURES.
- 3. Plant quantities on Plans shall take precedence over plant list quantities.
- 5. Provide layout of all work for approval by Landscape Architect prior to
- 6. Contractor to provide irrigation system for all planters and green roofs to current IIABC Standards and Contract Specifications.
- 7. Landscape installation to carry a 1 year warranty from date of
- acceptance. 8. Plant material, installation and maintenance to conform to the current
- 9. General Contractor and/or sub-contractors are responsible for all costs related to production and submission to consultant of all landscape
- commencement of all site work

- utilities prior to start of construction.

4. Contractor to confirm location and elevation of all existing services and

- proceeding with work.
- edition of the Canadian Landscape Standard.
- as-built information including irrigation. 10. Tree protection fencing, for existing trees, to be installed prior to

Typical Rain Garden Detail Scale: 1:50

RAIN GARDEN MATERIALS

1. Overflow drain, 200 mm domed grate + adapter

3. Bio-retention growing medium, 450 mm depth

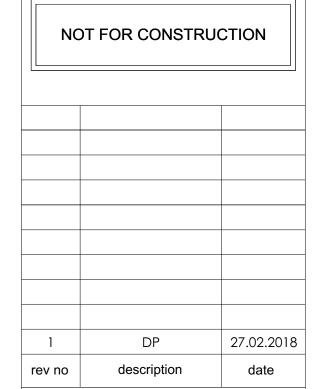
2. Composted mulch, 50 -70 mm depth

5. Existing subgrade/native material

4. Scarified/tilled subgrade, 300 mm depth

6. 100 mm diameter (min) perforated pipe

7. 25 mm diameter drain rock, 100 mm depth





ARAGON PROPERTIES LTD. 201-1628 WEST 1ST AVENUE

VANCOUVER, BC

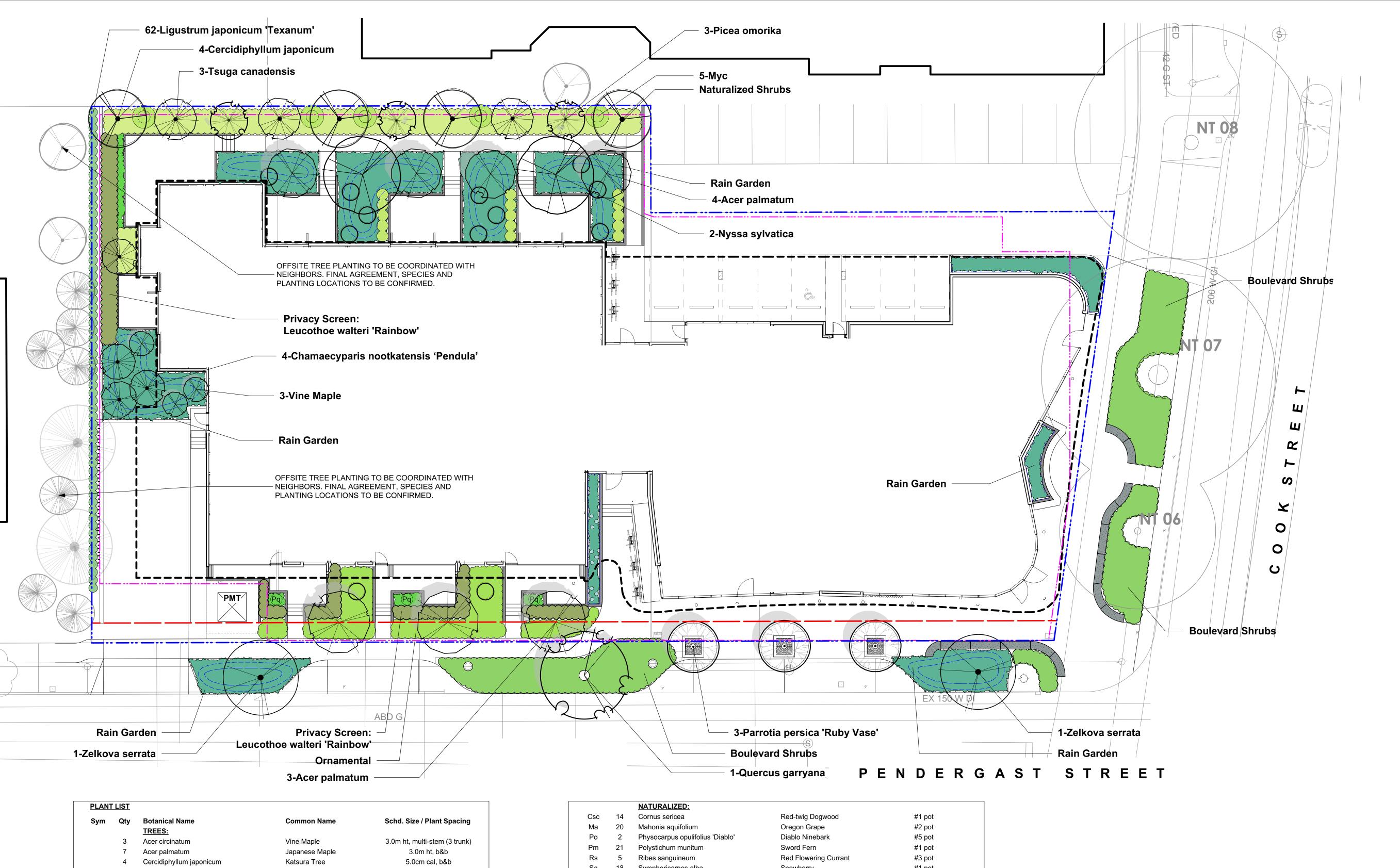
328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

sheet title

Stormwater Management Plan

oject no.		117.28
cale	1:150	@ 24"x36"
awn by		MDI
necked by		SM/PdG
vison no.	sheet no.	
\wedge		4 00

L1.03



Sym	Qty	Botanical Name TREES:	Common Name	Schd. Size / Plant Spacing
	3	Acer circinatum	Vine Maple	3.0m ht, multi-stem (3 trunk)
	7	Acer palmatum	Japanese Maple	3.0m ht, b&b
	4	Cercidiphyllum japonicum	Katsura Tree	5.0cm cal, b&b
	4	Chamaecyparis nootkatensis 'Pendula'	Nootka False Cypress	5.0m ht
	2	Nyssa sylvatica	Tupelo	5.0cm cal, b&b
	3	Parrotia persica 'Ruby Vase'	Ruby Vase Persian Ironwood	5.0cm cal, b&b
	3	Picea omorika	Siberian Spruce	4.0m ht
	1	Quercus garryana	Garry Oak	5.0cm cal, b&b
	3	Tsuga canadensis	Canadian Hemlock	5.0m ht
	2	Zelkova serrata	Japanese Zelkova	5.0cm cal, b&b
	0			
		ORNAMENTAL:		
Brs	16	Brachyglottis 'sunshine'	Brachyglottis 'sunshine'	#3 pot
Cht	15	Choisya ternata	Mexican Orange	#2 pot
Ci	37	Cistus x corbariensis	Rock Rose	#2 pot
Hto	37	Hebe topiaria	Topiarist's hebe	#1 pot
Lwr	99	Leucothoe walteri 'Rainbow'	Rainbow Leucothoe	#3 pot
Ljt	62	Ligustrum japonicum 'Texanum'	Waxleaf Privet	#3 pot
Мус	5	Myrica californica	Pacific Wax Myrtle	#3 pot
Pcu	33	Prostanthera cuneata	Mint Bush	#1 pot
Rhc	12	Rhododendron spp.	Large Rhododendron	Min 5' ht, b+b
	0			
		PERENNIALS & VINES:		
Hdo	8	Hemerocallis 'Stella de Oro'	Dwarf Yellow Daylily	#1 pot
Lsp	9	Liatris spicata	Spiked Gayfeather	#1 pot
Lim	8	Liriope muscari	Lily turf	#1 pot
Pq	3	Parthenocissus quinquefolia	Virginia Creeper	#2 pot
Rf	9	Rudbeckia fulgida	Black-Eyed Susan	#1 pot

		NATURALIZED:		
Csc	14	Cornus sericea	Red-twig Dogwood	#1 pot
Ма	20	Mahonia aquifolium	Oregon Grape	#2 pot
Po	2	Physocarpus opulifolius 'Diablo'	Diablo Ninebark	#5 pot
Pm	21	Polystichum munitum	Sword Fern	#1 pot
Rs	5	Ribes sanguineum	Red Flowering Currant	#3 pot
Sa	18	Symphoricarpos alba	Snowberry	#1 pot
	0			
		RAINGARDEN:		
Aff	44	Athyrium filix-femina var. cyclosorum	Northwestern Lady Fern	#1 pot
Cm	45	Carex morrowii 'Ice Dance'	Japanese Sedge Grass	Sp3
Co	241	Carex obnupta	Slough Sedge	#1 pot
Ctp	49	Carex testacea 'Prairie Fire'	Prairie Fire Sedge	Sp3
Gsh	74	Gaultheria shallon	Salal	#1 pot
ls	83	Iris tenax	Oregon Iris	#1 pot
Jcg	49	Juncus 'Carmen's Grey'	Soft Common Rush	Sp3
Lim	49	Liriope muscari	Lily turf	#1 pot
Ма	9	Mahonia aquifolium	Oregon Grape	#2 pot
Pm	27	Polystichum munitum	Sword Fern	#1 pot
Sco	21	Schizostylis coccinea 'Oregon Sunset'	Crimson Flag	#1 pot
Vo	10	Vaccinium ovatum 'Thunderbird'	Evergreen Huckleberry	#3 pot
Vbo	9	Verbena bonariensis	Tall Verbena	#1 pot
	0			
		BOULEVARD:		
Brs	28	Brachyglottis 'sunshine'	Brachyglottis 'sunshine'	#3 pot
Cs	30	Cistus salvifolius	Sageleaf Rock Rose	#1 pot
Lp	41	Lonicera pileata	Privet Honeysuckle	#2 pot
•	0	·	•	•
	-	BOULEVARD RAIN GARDEN:		
Jcg	152	Juncus 'Carmen's Grey'	Soft Common Rush	Sp3
Lp	19	Lonicera pileata	Privet Honeysuckle	#2 pot
-	0	-	-	•

PLANTING NOTES

1. Plant quantities and species may change between issuance of DP

and Construction due to plant availability and design changes. 2. Offsite trees in municipal lands to be coordinated with City of Victoria Parks staff for species, size, and final planting locations, prior to

(4) proposed trees will be designated as bylaw protected trees. This will be shown on the Building Permit drawings.

0 5 10 15 m

DRAWING NOTES 1. DO NOT SCALE DRAWING: Verify all property lines and existing

structures/vegetation to remain, prior to commencing work.

2. All plan dimensions in metres and all detail dimensions in millimetres.

3. Plant quantities on Plans shall take precedence over plant list quantities.

4. Contractor to confirm location and elevation of all existing services and

utilities prior to start of construction.

5. Provide layout of all work for approval by Landscape Architect prior to

proceeding with work.

Contractor to provide irrigation system for all planters and green roofs to current IIABC Standards and Contract Specifications.

7. Landscape installation to carry a 1 year warranty from date of acceptance. 8. Plant material, installation and maintenance to conform to the current

edition of the Canadian Landscape Standard. 9. General Contractor and/or sub-contractors are responsible for all costs related to production and submission to consultant of all landscape

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NOT FOR CONSTRUCTION

27.02.2018 DP description



ARAGON PROPERTIES LTD. 201-1628 WEST 1ST AVENUE

VANCOUVER, BC

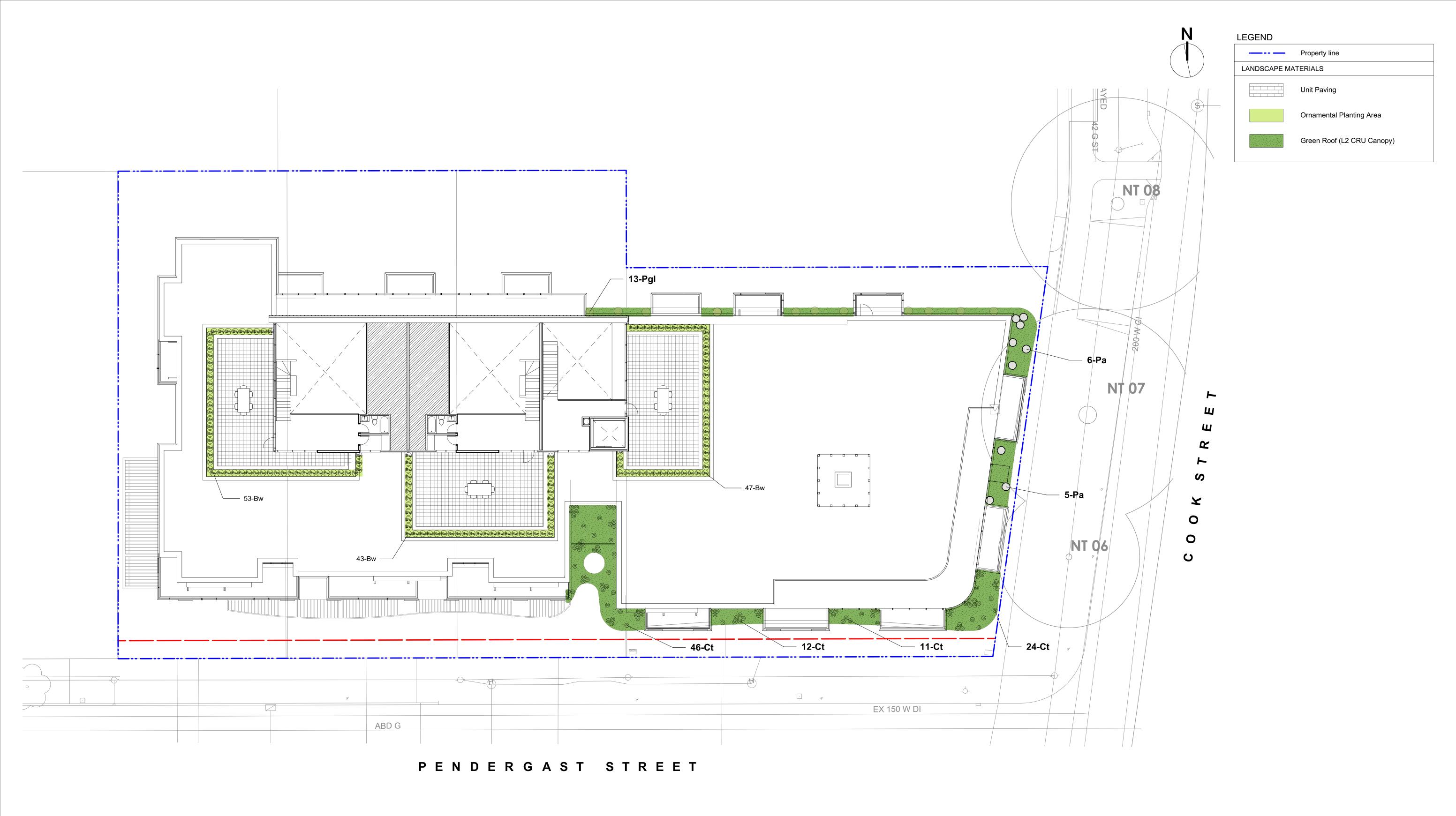
328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

sheet title

Planting Plan and Plant List

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	

L3.01



Sym	Qty	Botanical Name	Common Name	Schd. Size / Plant Spacing
		SHRUBS:		
Bw	143	Buxus microphylla 'Winter Gem'	Littleleaf Boxwood	#1 pot
Ct	81	Carex testacea	Orange Sedge	#1 pot
Pa	11	Pennisetum alopecuroides 'Hameln'	Fountain Grass	#1 pot
Pgl	13	Polystichum glycyrrhiza	Licorice Fern	Sp3

PLANTING NOTES

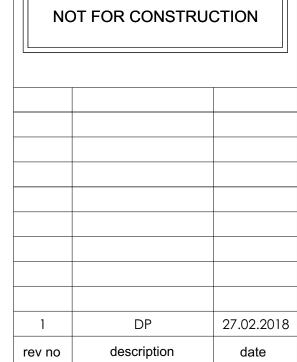
- 1. Plant quantities and species may change between issuance of DP and Construction due to plant availability and design changes.
- Green roof to be proprietary sedum mat system interdispersed with grass species, ferns and bulbs.

DRAWING NOTES

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- structures/vegetation to remain, prior to commencing work.

 2. All plan dimensions in metres and all detail dimensions in millimetres.

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- 5. Provide layout of all work for approval by Landscape Architect prior to
- proceeding with work.
- Contractor to provide irrigation system for all planters and green roofs to current IIABC Standards and Contract Specifications.
- 7. Landscape installation to carry a 1 year warranty from date of
- acceptance. 8. Plant material, installation and maintenance to conform to the current
- edition of the Canadian Landscape Standard. 9. General Contractor and/or sub-contractors are responsible for all costs related to production and submission to consultant of all landscape
- as-built information including irrigation. 10. Tree protection fencing, for existing trees, to be installed prior to commencement of all site work





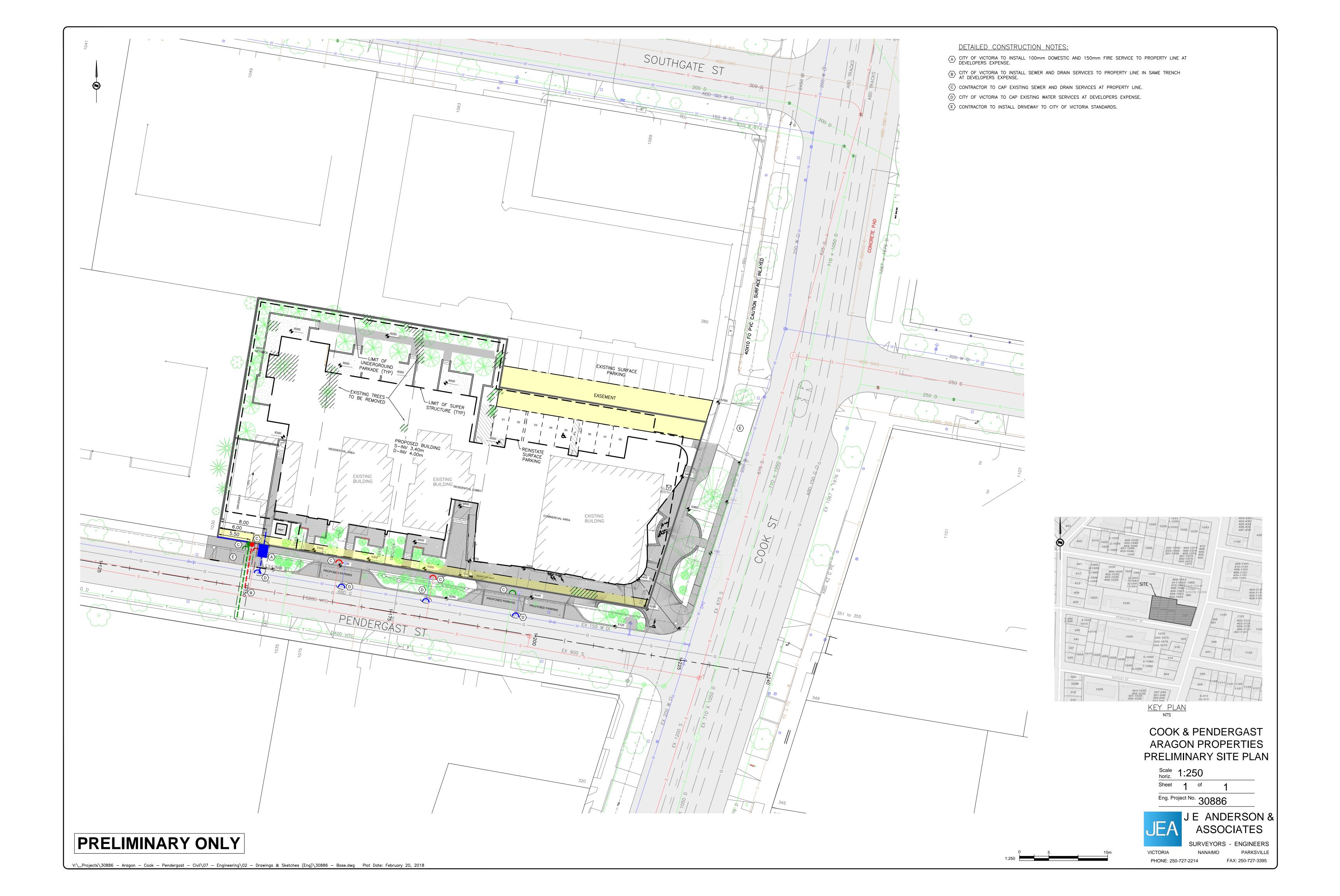
ARAGON PROPERTIES LTD. 201-1628 WEST 1ST AVENUE VANCOUVER, BC

328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

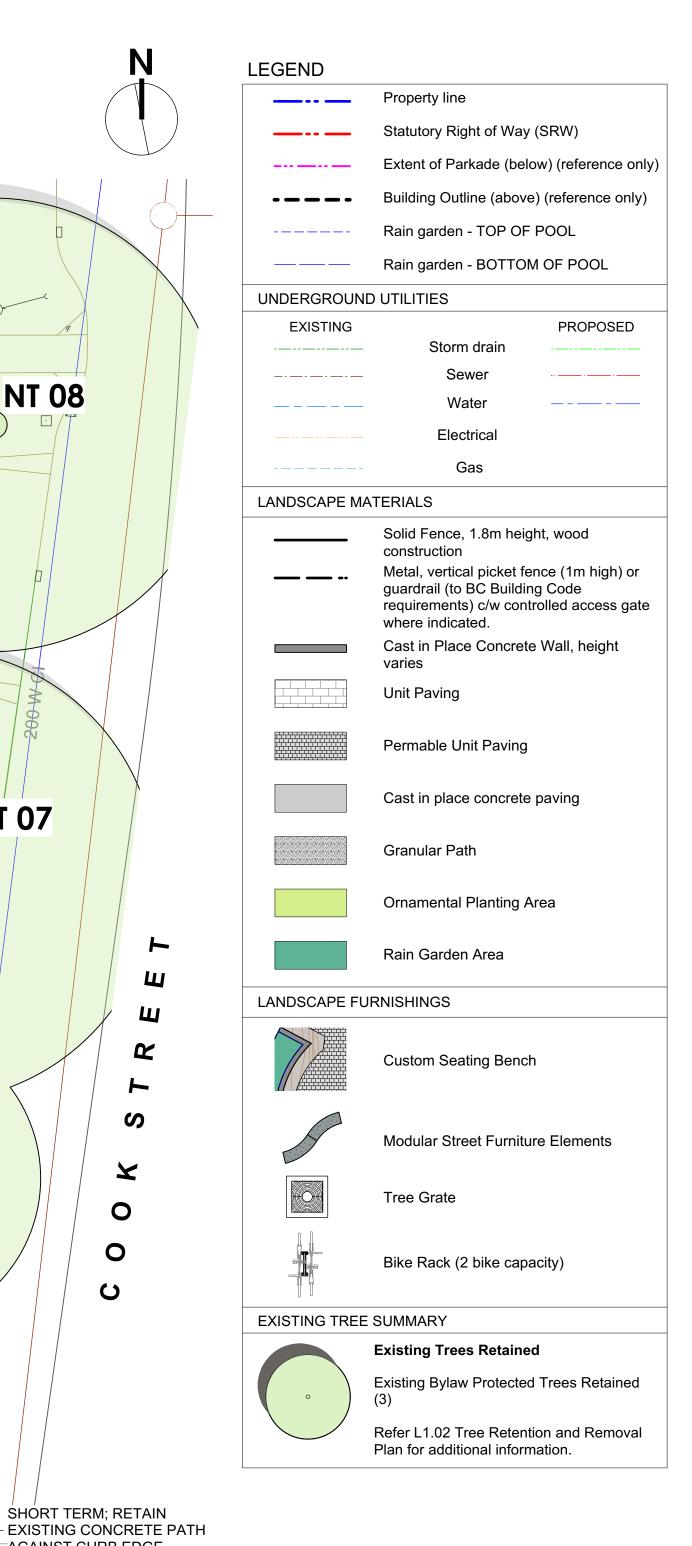
sheet title

Roof and Rooftop Landscape and Planting Plan

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	
1	L	3.02







IRRIGATION AND LIGHTING NOTES

1. Contractor to field fit irrigation system around existing trees, to limit disturbance to root systems.

2. Sleeves shall be installed at the necessary depths, prior to pavement construction. Sleeving shall extend 300 mm from edge of paving into planting area, and shall have ends marked above grade unless otherwise shown.

NT 08

NT 07

0

C

SHORT TERM; RETAIN

AGAINST CURB EDGE.

LINE DENOTES FUTURE

- MUNICIPAL BIKE LANE /

EXTENT OF UNDERGROUND

EXISTING FIRE HYDRANT.

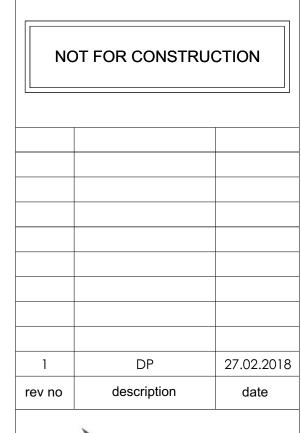
STREET UPGRADES.

PARKING (BELOW).

- Arborist to address sleeving of irrigation lines in protected root zone (PRZ) of existing trees.
- 4. Placement of electrical conduit through site to be coordinated
- 5. Arborist to be onsite and supervise all excavation/trenching within PRZ of retained trees.

acceptance.

- **DRAWING NOTES** 1. DO NOT SCALE DRAWING: Verify all property lines and existing
- structures/vegetation to remain, prior to commencing work.
- 2. All plan dimensions in metres and all detail dimensions in millimetres.
- 3. Plant quantities on Plans shall take precedence over plant list
- quantities. 4. Contractor to confirm location and elevation of all existing services and
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Murdoch

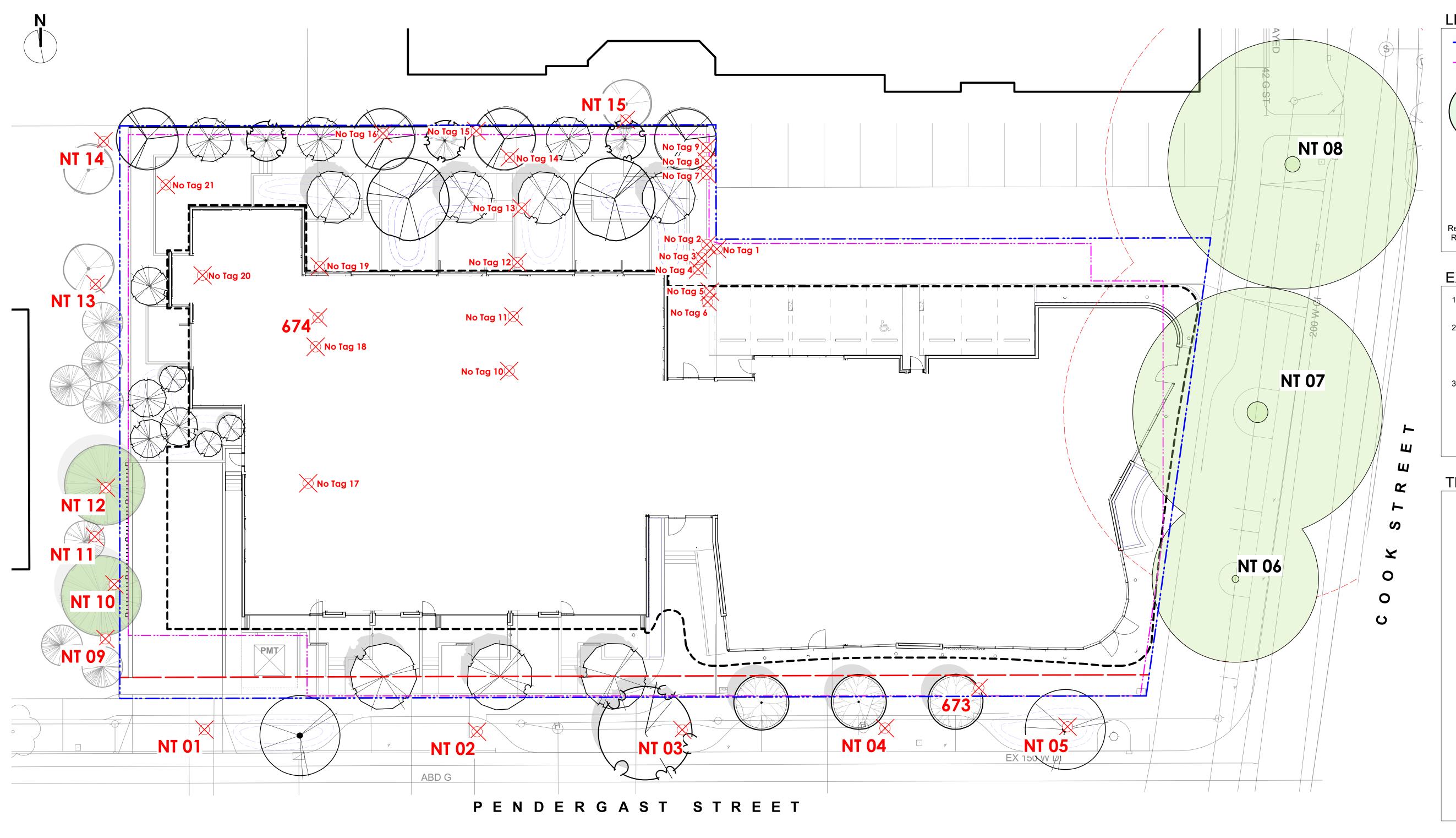
ARAGON PROPERTIES LTD. 201-1628 WEST 1ST AVENUE VANCOUVER, BC

328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

sheet title

Landscape Materials Plan

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	
1	L	1.01



TOTAL NEW TREES: 44

EXISTING TREE INVENTORY

<u>118</u>

<u>112</u>

DBH (cm)

<u>36, 32, 23, 22</u>

DBH (cm)

29

55

59

BYLAW PROTECTED TREES TO BE REMOVED: 2

Greeff field inventory work.

RETAINED TREES

TREE TAG#

NT 06*

NT 07*

NT 08*

TREE TAG #

<u>674</u>

<u>673</u>

TREE TAG #

NT 01*

NT 02*

NT 03*

NT 04*

NT 05*

NT 09*

NT 10*

NT 11*

NT 12*

NT 13*

NT 14*

NT 15*

OTHER TREES REMOVED

TOTAL TREES TO BE RETAINED: 3

BYLAW PROTECTED TREES REMOVED

Based on Construction Impact & Tree Presevervation Plan Report from Talbot Mackenzie & Associates, dated November 10,

PRZ (radius in m)

6.0

<u>14.0</u>

<u>13.5</u>

PRZ (radius in m)

<u>10.0</u>

PRZ (radius in m)

3.5

2.0

4.0

2.0

2.0

3.0

8.5

7.0

7.0

4.0

4.0

5.0

2017. Refer to Arborist Report for details on tree conditions and Arborist recommendations. 'No Tag' trees based on Murdoch de

SPECIES

Aesculus hippocastanum, Horsechest Nut

Aesculus hippocastanum, Horsechest Nut

Aesculus hippocastanum, Horsechest Nut

SPECIES

Thuja plicata, Western Red Cedar

Prunus cerasifera, Purple Leaf Plum

SPECIES

Prunus spp., Cherry

llex aquifolium, Holly

Thuja plicata, Western Red Cedar

Chamaecyparis lawnsonii, Lawson Cypress

Cupressus x leylandii, Leyland Cypress

Prunus spp., Cherry

Malus spp., Apple

Prunus spp., Cherry

CROWN SPREAD (m)

12.0

<u>18.0</u>

<u>18.0</u>

CROWN SPREAD (m)

<u>12.0</u>

<u>12.0</u>

CROWN SPREAD (m)

6.0

4.0

10.0

4.0

4.0

5.0

10.0

8.0

12.0

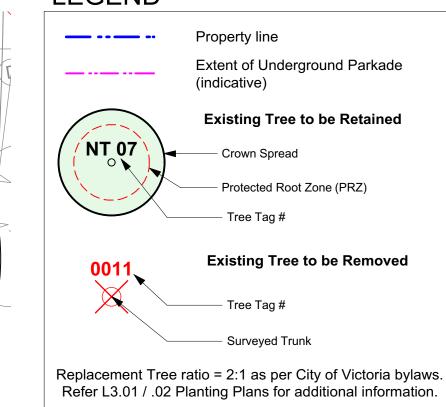
8.0

8.0

10.0

TREE TAG # DBH (cm) PRZ (radius in m) **SPECIES** CROWN SPREAD (m) No Tag 1 Prunus spp., Cherry Cupressus x leylandii, Leyland Cypress No Tag 2 No Tag 3 Cupressus x leylandii, Leyland Cypress No Tag 4 Cupressus x leylandii, Leyland Cypress No Tag 5 Cupressus x leylandii, Leyland Cypress No Tag 6 Cupressus x leylandii, Leyland Cypress No Tag 7 Cupressus x leylandii, Leyland Cypress No Tag 8 Cupressus x leylandii, Leyland Cypress No Tag 9 Cupressus x leylandii, Leyland Cypress No Tag 10 Fraxinus spp., Ash spp. Laburnum spp. Golden Chain Tree No Tag 11 No Tag 12 Fraxinus spp., Ash spp. No Tag 13 Fraxinus spp., Ash spp. No Tag 14 Fraxinus spp., Ash spp. No Tag 15 Fraxinus spp., Ash spp. No Tag 16 Prunus spp., Cherry No Tag 17 Cedar spp., Cedar cultivar No Tag 18 Crataegus spp., Hawthorne spp. No Tag 19 Prunus spp., Cherry No Tag 20 Cupressus x leylandii, Leyland Cypress No Tag 21 Fraxinus spp., Ash spp. OTHER TREES TO BE REMOVED: 33 **TOTAL TREES TO BE REMOVED: 35** Bylaw protected trees are shown underlined * Offsite trees with PRZ extending into the project site. **NEW TREES ONSITE: 32 NEW TREES ON NEIGHBORING PROPERTIES: 12**

LEGEND



EXISTING TREE SUMMARY

- Existing Condition: 38 trees on development lands, bordering neighboring properties and interfacing municipal road R.O.W's.
- 2. Retention of 3 Horse Chestnut Trees on Cook Street and removal 35 other trees. Removed trees include; 23 trees within development lands, 2 of which are Bylaw Protected, 7 neighbouring trees in close proximity to property lines and 5 municipal Cherry trees on Pendergast Street.
- 3. Total trees post development is 47. This includes; retention of the 3 Horse Chestnut trees and planting of 44 new trees, (12 of which are proposed on neighboring properties).

TREE STATEMENT

Many of the subject existing trees relating to this development that are proposed as being removed are a mixture of self seeded trees, remnants of an over mature Laylandii Cypress hedge and/or offer limited landscape amenity.

Proposed new tree plantings will aim to re-establish a healthier urban biodiversity, increase species diversity and offer better habitat value. Part of our tree planting strategy is to aim for generous soil volume allocation for each tree with a goal of increasing the urban forestry canopy over time. The design team's intentions will be guided by the City of Victoria's (CoV) Urban Forestry Strategy. Trees in the streetscape will be selected in consultation with CoV Parks staff.

Protection measures are being proposed to assist with the retention of the 3 Horse Chestnut Trees on Cook Street. This includes the installation of permeable paving installed on top of existing subgrade within the critical root zone (CRZ) areas. In additional, the new sidewalk alignment is setback from its current location allowing for more soil volume and less trunk flare encroachment. Pockets of low plantings are proposed within the understory which will also limit foot traffic disturbance (soil compaction) within the CRZ areas.

1 DP 27.02.2018
rev no description date

NOT FOR CONSTRUCTION



/ Murdoch

de Greeff

Landscape Planning & Design

client
ARAGON PROPERTIES LTD.
201-1628 WEST 1ST AVENUE
VANCOUVER, BC

project

200 - 524 Culduthel Road Victoria, BC V8Z 1G1

328 COOK STREET
324/238 COOK STREET &
1044-1054 PENDERGAST
STREET
VICTORIA, BC

sheet title

Tree Retention and Removal Plan

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	
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DRAWING NOTES

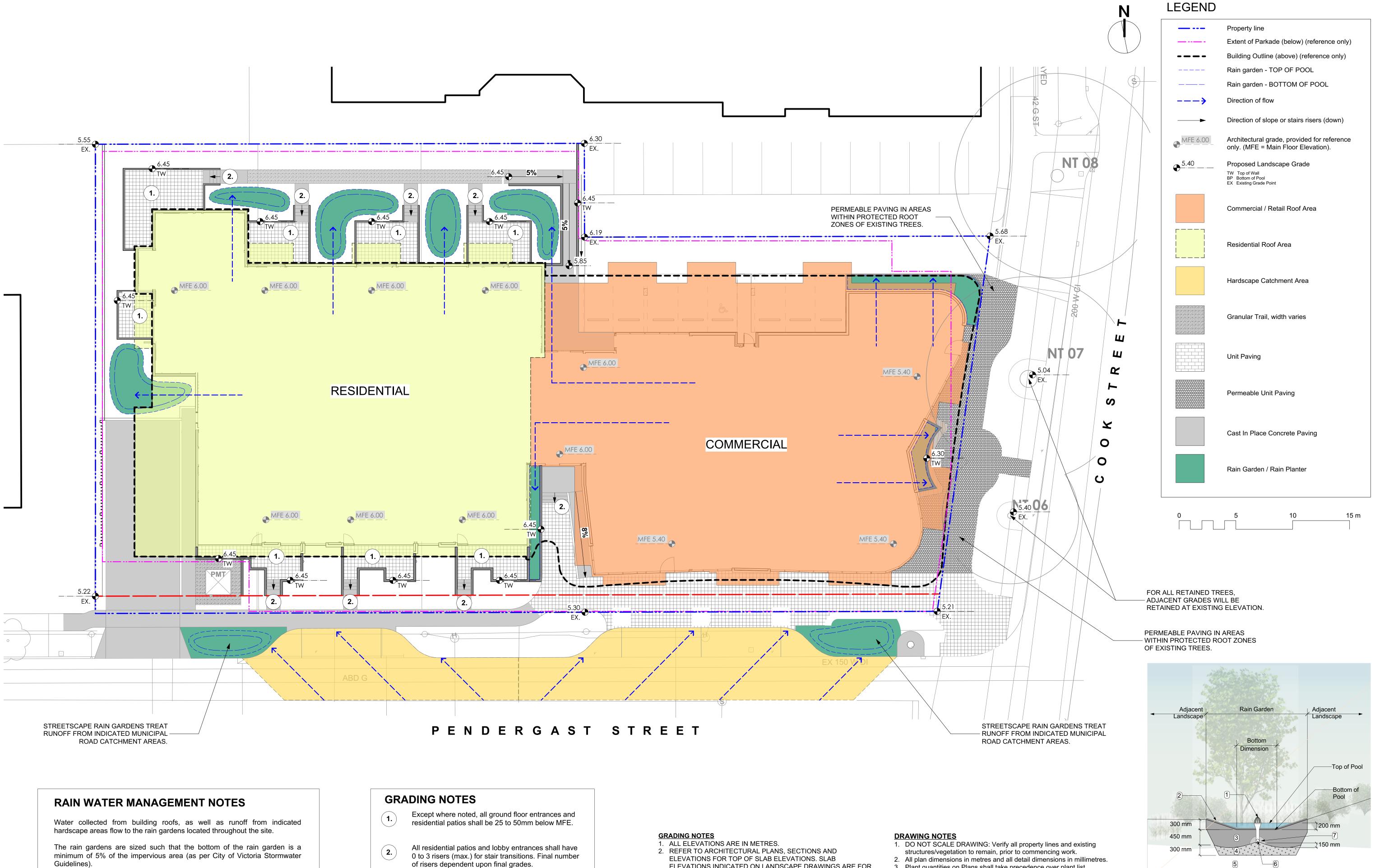
- 1. DO NOT SCALE DRAWING: Verify all property lines and existing structures/vegetation to remain, prior to commencing work.
- All plan dimensions in metres and all detail dimensions in millimetres.

 Plant quantities on Plans shall take precedence over plant list.
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- 4. Contractor to confirm location and elevation of all existing services and utilities prior to start of construction.
- Provide layout of all work for approval by Landscape Architect prior to
- proceeding with work.6. Contractor to provide irrigation system for all planters and green roofs
- to current IIABC Standards and Contract Specifications.
- 7. Landscape installation to carry a 1 year warranty from date of acceptance.

commencement of all site work

- 8. Plant material, installation and maintenance to conform to the current edition of the Canadian Landscape Standard.9. General Contractor and/or sub-contractors are responsible for all costs
- related to production and submission to consultant of all landscape as-built information including irrigation.

 10. Tree protection fencing, for existing trees, to be installed prior to



Guidelines).

Rain gardens will be designed with underdrains and a high capacity overflow drain that will be connected to the onsite piped drainage system.

Permeable paving will be used to manage hardscape in areas within the protected root zones of existing trees and in areas in proximity to street trees in tree grates as indicated.

All paths and where possible, residential patios will be drained towards absorbent landscape areas or rain gardens.

Streetscape rain gardens are proposed on Pendergast Street. These will capture, slow and treat (clean) runoff from municipal road catchment areas as indicated on the plan.

- ELEVATIONS INDICATED ON LANDSCAPE DRAWINGS ARE FOR REFERENCE ONLY. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.
- 3. ALL ROAD AND PUBLIC WALKWAY ELEVATIONS INDICATED ON LANDSCAPE DRAWINGS ARE FOR REFERENCE ONLY. REFER TO CIVIL ENGINEERING DRAWINGS FOR ALL ROAD AND ARCHITECTURAL DRAWINGS FOR PUBLIC WALKWAY ELEVATIONS. REPORT ANY DISCREPANCIES TO CONSULTANT
- FOR REVIEW AND RESPONSE. 4. CONFIRM ALL EXISTING GRADES PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.
- 5. UNLESS OTHERWISE NOTED PROVIDE A MINIMUM SLOPE OF 2% ON ALL HARD AND SOFT LANDSCAPE AREAS TO ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS OR TO DRAINAGE STRUCTURES.
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- 6. Contractor to provide irrigation system for all planters and green roofs to current IIABC Standards and Contract Specifications.
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- utilities prior to start of construction.

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- 10. Tree protection fencing, for existing trees, to be installed prior to commencement of all site work

27.02.2018 description de Greeff



NOT FOR CONSTRUCTION

VANCOUVER, BC

328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

sheet title

Stormwater Management Plan

roject no.		117.28
cale	1:150	@ 24"x36"
awn by		MDI
necked by		SM/PdG
evison no.	sheet no.	
1	L	1.03

Typical Rain Garden Detail

RAIN GARDEN MATERIALS

Scale: 1:50

1. Overflow drain, 200 mm domed grate + adapter

3. Bio-retention growing medium, 450 mm depth

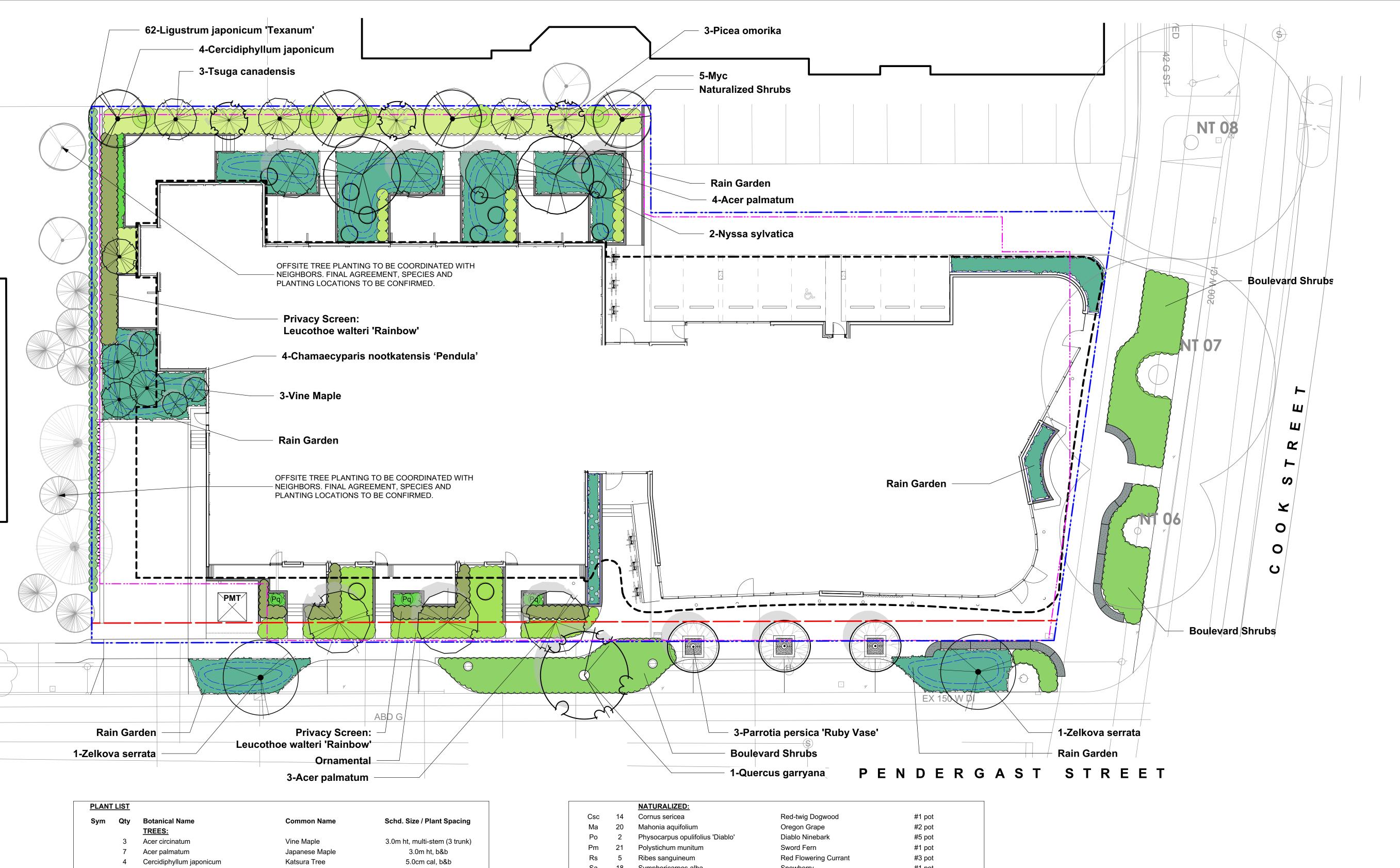
2. Composted mulch, 50 -70 mm depth

5. Existing subgrade/native material

4. Scarified/tilled subgrade, 300 mm depth

6. 100 mm diameter (min) perforated pipe

7. 25 mm diameter drain rock, 100 mm depth



Sym	Qty	Botanical Name TREES:	Common Name	Schd. Size / Plant Spacing
	3	Acer circinatum	Vine Maple	3.0m ht, multi-stem (3 trunk)
	7	Acer palmatum	Japanese Maple	3.0m ht, b&b
	4	Cercidiphyllum japonicum	Katsura Tree	5.0cm cal, b&b
	4	Chamaecyparis nootkatensis 'Pendula'	Nootka False Cypress	5.0m ht
	2	Nyssa sylvatica	Tupelo	5.0cm cal, b&b
	3	Parrotia persica 'Ruby Vase'	Ruby Vase Persian Ironwood	5.0cm cal, b&b
	3	Picea omorika	Siberian Spruce	4.0m ht
	1	Quercus garryana	Garry Oak	5.0cm cal, b&b
	3	Tsuga canadensis	Canadian Hemlock	5.0m ht
	2	Zelkova serrata	Japanese Zelkova	5.0cm cal, b&b
	0			
		ORNAMENTAL:		
Brs	16	Brachyglottis 'sunshine'	Brachyglottis 'sunshine'	#3 pot
Cht	15	Choisya ternata	Mexican Orange	#2 pot
Ci	37	Cistus x corbariensis	Rock Rose	#2 pot
Hto	37	Hebe topiaria	Topiarist's hebe	#1 pot
Lwr	99	Leucothoe walteri 'Rainbow'	Rainbow Leucothoe	#3 pot
Ljt	62	Ligustrum japonicum 'Texanum'	Waxleaf Privet	#3 pot
Мус	5	Myrica californica	Pacific Wax Myrtle	#3 pot
Pcu	33	Prostanthera cuneata	Mint Bush	#1 pot
Rhc	12	Rhododendron spp.	Large Rhododendron	Min 5' ht, b+b
	0			
		PERENNIALS & VINES:		
Hdo	8	Hemerocallis 'Stella de Oro'	Dwarf Yellow Daylily	#1 pot
Lsp	9	Liatris spicata	Spiked Gayfeather	#1 pot
Lim	8	Liriope muscari	Lily turf	#1 pot
Pq	3	Parthenocissus quinquefolia	Virginia Creeper	#2 pot
Rf	9	Rudbeckia fulgida	Black-Eyed Susan	#1 pot

		NATURALIZED:		
Csc	14	Cornus sericea	Red-twig Dogwood	#1 pot
Ма	20	Mahonia aquifolium	Oregon Grape	#2 pot
Po	2	Physocarpus opulifolius 'Diablo'	Diablo Ninebark	#5 pot
Pm	21	Polystichum munitum	Sword Fern	#1 pot
Rs	5	Ribes sanguineum	Red Flowering Currant	#3 pot
Sa	18	Symphoricarpos alba	Snowberry	#1 pot
	0			
		RAINGARDEN:		
Aff	44	Athyrium filix-femina var. cyclosorum	Northwestern Lady Fern	#1 pot
Cm	45	Carex morrowii 'Ice Dance'	Japanese Sedge Grass	Sp3
Co	241	Carex obnupta	Slough Sedge	#1 pot
Ctp	49	Carex testacea 'Prairie Fire'	Prairie Fire Sedge	Sp3
Gsh	74	Gaultheria shallon	Salal	#1 pot
ls	83	Iris tenax	Oregon Iris	#1 pot
Jcg	49	Juncus 'Carmen's Grey'	Soft Common Rush	Sp3
Lim	49	Liriope muscari	Lily turf	#1 pot
Ма	9	Mahonia aquifolium	Oregon Grape	#2 pot
Pm	27	Polystichum munitum	Sword Fern	#1 pot
Sco	21	Schizostylis coccinea 'Oregon Sunset'	Crimson Flag	#1 pot
Vo	10	Vaccinium ovatum 'Thunderbird'	Evergreen Huckleberry	#3 pot
Vbo	9	Verbena bonariensis	Tall Verbena	#1 pot
	0			
		BOULEVARD:		
Brs	28	Brachyglottis 'sunshine'	Brachyglottis 'sunshine'	#3 pot
Cs	30	Cistus salvifolius	Sageleaf Rock Rose	#1 pot
Lp	41	Lonicera pileata	Privet Honeysuckle	#2 pot
•	0	·	•	•
	-	BOULEVARD RAIN GARDEN:		
Jcg	152	Juncus 'Carmen's Grey'	Soft Common Rush	Sp3
Lp	19	Lonicera pileata	Privet Honeysuckle	#2 pot
-	0	-	-	•

PLANTING NOTES

1. Plant quantities and species may change between issuance of DP

and Construction due to plant availability and design changes. 2. Offsite trees in municipal lands to be coordinated with City of Victoria Parks staff for species, size, and final planting locations, prior to

(4) proposed trees will be designated as bylaw protected trees. This will be shown on the Building Permit drawings.

0 5 10 15 m

DRAWING NOTES 1. DO NOT SCALE DRAWING: Verify all property lines and existing

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NOT FOR CONSTRUCTION

27.02.2018 DP description



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VANCOUVER, BC

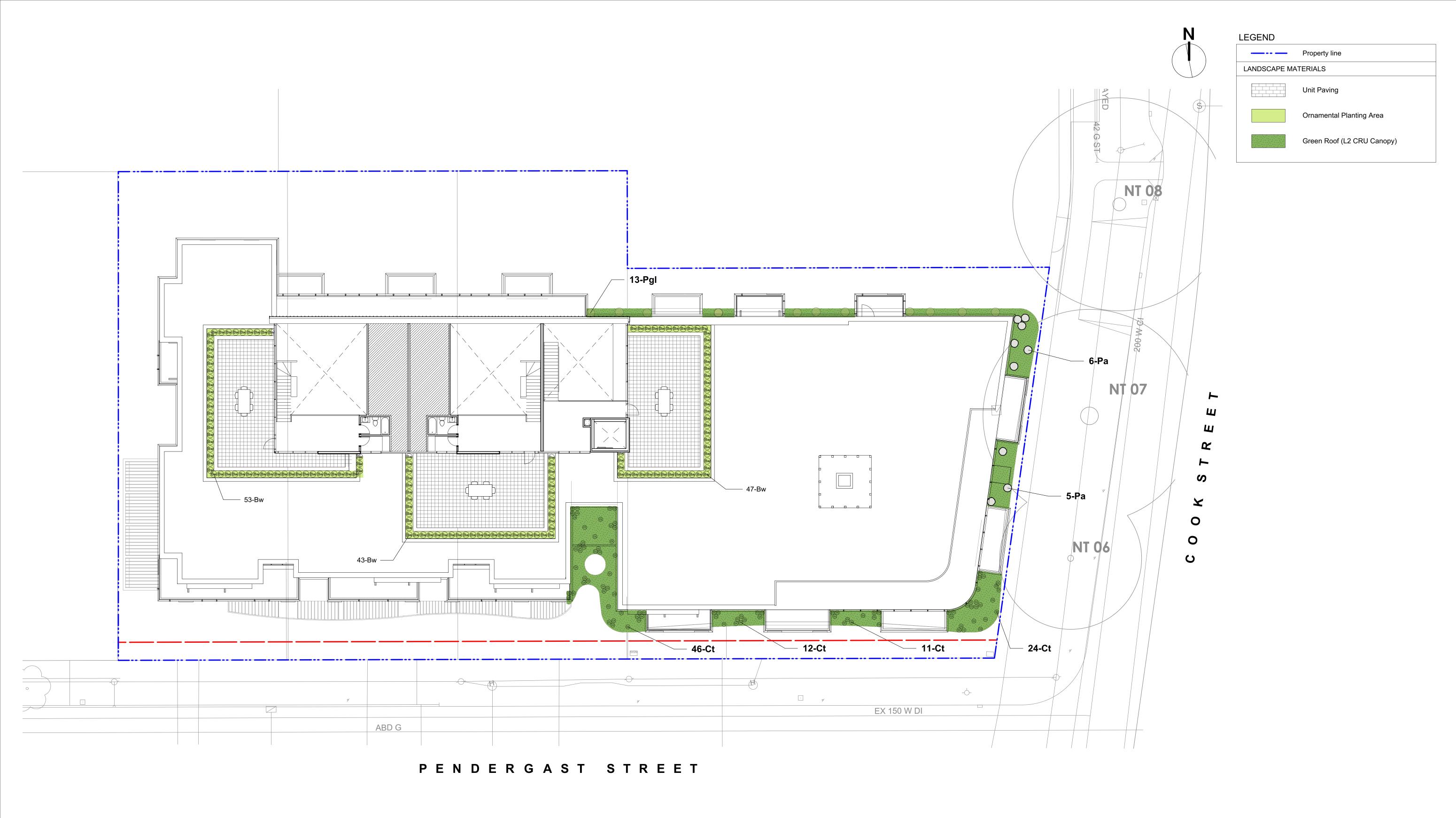
328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

sheet title

Planting Plan and Plant List

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	

L3.01



Sym	Qty	Botanical Name	Common Name	Schd. Size / Plant Spacing
		SHRUBS:		
Bw	143	Buxus microphylla 'Winter Gem'	Littleleaf Boxwood	#1 pot
Ct	81	Carex testacea	Orange Sedge	#1 pot
Pa	11	Pennisetum alopecuroides 'Hameln'	Fountain Grass	#1 pot
Pgl	13	Polystichum glycyrrhiza	Licorice Fern	Sp3

PLANTING NOTES

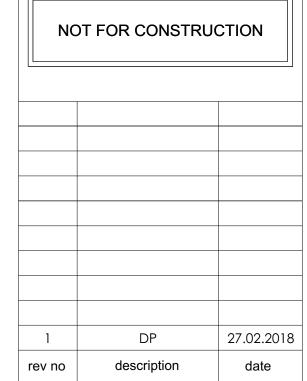
- 1. Plant quantities and species may change between issuance of DP and Construction due to plant availability and design changes.
- Green roof to be proprietary sedum mat system interdispersed with grass species, ferns and bulbs.

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ARAGON PROPERTIES LTD. 201-1628 WEST 1ST AVENUE

VANCOUVER, BC

328 COOK STREET 324/238 COOK STREET & 1044-1054 PENDERGAST STREET VICTORIA, BC

sheet title

Roof and Rooftop Landscape and Planting Plan

project no.		117.28
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM/PdG
revison no.	sheet no.	
<u>1</u> L3		3.02