

PROJECT INFORMATION TABLE	
Zone (existing)	CR-3
Proposed zone or site specific zone If unsure, state "new zone"	NEW ZONE
Site area (m²)	1,963 m²
Total floor area (m²)	3,809 m²
Commercial floor area (m²)	688 m²
Floor space ratio	1.95:1
Site coverage (%)	75.0%
Open site space (%)	31.7%
Height of building (m)	17.68 m
Number of storeys	5
Parking stalls (number) on site	47 RESIDENTIAL , 10 COMMERCIAL
Bicycle parking number (Class 1 and Class 2)	48 CLASS 1, 23 CLASS 2 (11 ON PRIVATE PROPERTY)
<b>Building Setbacks (m) *</b>	
Front yard	3.35 m (OAK BAY AVENUE)
Rear yard	5.32 m
Side yard (indicate which side)	0.15 m (WEST P.L.)
Side yard (indicate which side)	0.72 m (EAST P.L.)
Combined side yards	0.87 m
<b>Residential Use Details</b>	
Total number of units	35
Unit type, e.g., 1 bedroom	14 1BR, 15 2BR, 6 2BR+DEN / 3BR
Ground-orientated units	0
Minimum unit floor area (m²)	47 m²
Total residential floor area (m²)	2620 m²

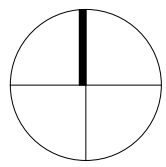
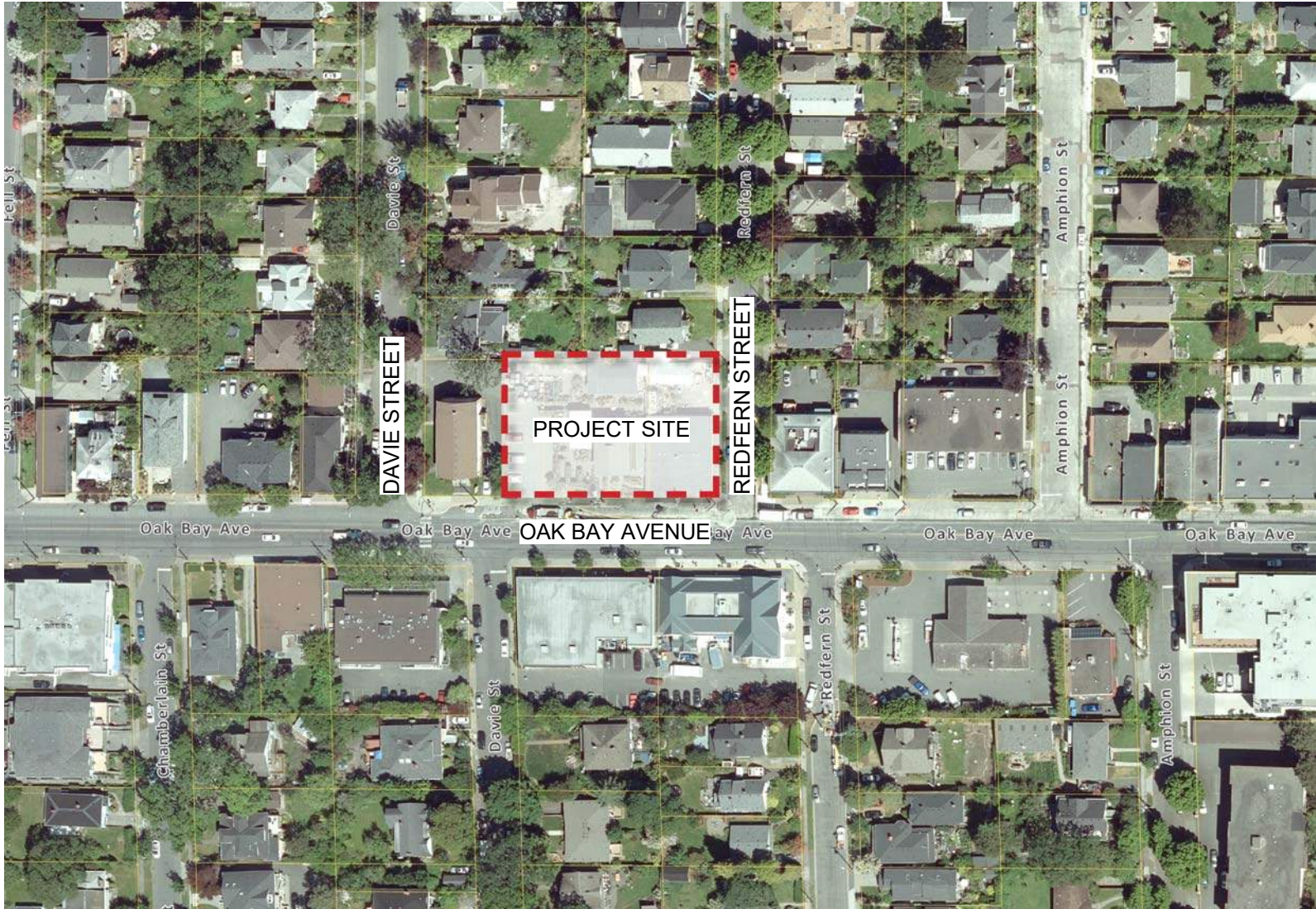
\* MEASURED TO BUILDING FACE, EXCLUDES BALCONIES AND ROOF PROJECTIONS



OAK BAY AVENUE & REDFERN STREET CORNER PERSPECTIVE

DRAWING LIST

A0.00	Cover Sheet	A2.02	Second Floor Plan	L1.01	Landscape Materials
A1.00	Survey, Existing Site Plan, Average Grade	A2.03	Third Floor Plan	L1.02	Level 2 Landscape Materials & Planting Plan
A1.01	Code Analysis	A2.04	Fourth Floor Plan	L1.03	Stormwater Management
A1.02	Limiting Distance	A2.05	Roof Plan	L3.01	Planting Plan
A1.03	Overall Site Plan	A3.00	Elevations	T.1	Tree Management Plan
A1.04	Shadow Study - Fall Equinox	A3.01	Elevations	C1.01	Preliminary Servicing
A1.05	Shadow Study - Summer Solstice	A3.02	Context Elevations		
A1.06	Shadow Study - Winter Solstice	A4.00	Building Sections		
A2.00	Parking Level Plan	A4.01	Context Sections		
A2.01	Ground Floor Plan	A9.00	Perspectives		
		A9.01	Materials		



APPLICANT

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pjawl@jawlresidential.com

PROJECT TEAM

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CIVIL ENGINEER

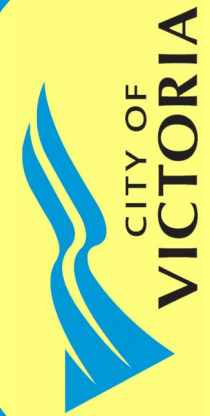
J.E. ANDERSON & ASSOCIATES  
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250.727.2214

CONTACT:  
ROSS TUCK  
rtuck@jeanderson.com

TRAFFIC CONSULTANT

URBAN SYSTEMS  
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VICTORIA BC V8W 1G2  
250.220.7060

CONTACT:  
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dcasey@urbansystems.ca



# Revisions

Received Date:  
April 21, 2020

Jawl Residential

Project #	1801	Date	4/19/2020 8:50:46 PM
Sheet #	A0.00	Revision	3 April 16, 2020

CASCADIA ARCHITECTS INC

101-804 Broughton Street  
Victoria BC V8W 1E4 Canada  
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cascadiaarchitects.ca





BC LAND SURVEYORS SITE PLAN OF:

Civic: 1908 - 1920 Oak Bay Avenue

Legals: The Western 1/2 of Lot 13, Block 3, Section 76,  
Victoria District, Plan 273

Parcel Identifier: 001-045-033 in the City of Victoria

Lot A, Section 76, Victoria District, Plan 38854

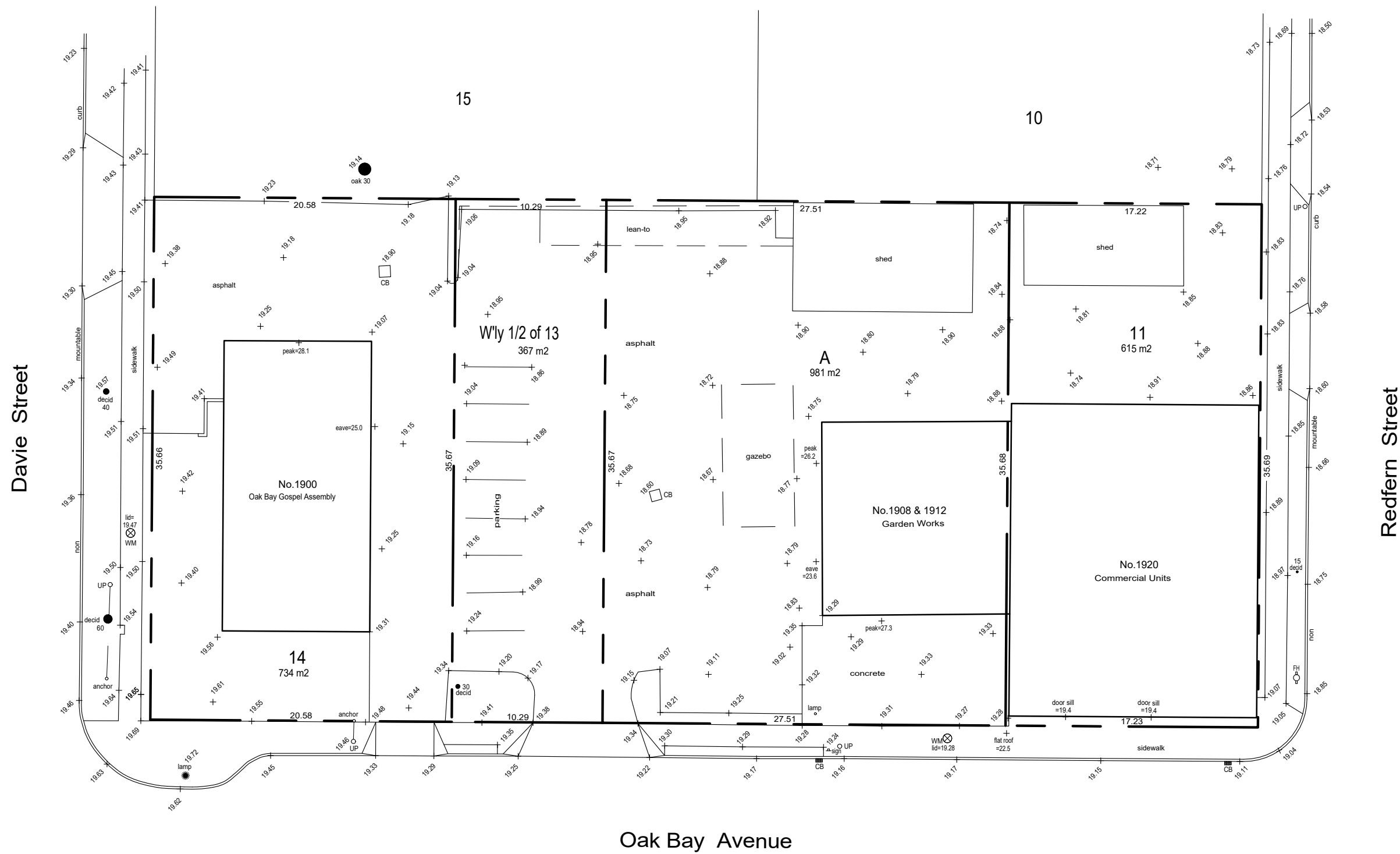
Parcel Identifier: 000-087-719 in the City of Victoria

Lot 11, Block 3, Section 76, Victoria District, Plan 273

Parcel Identifier: 008-105-080 in the City of Victoria

LEGEND

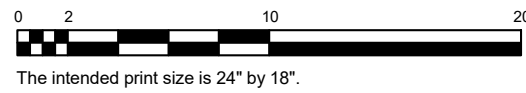
Elevations are to geoidetic datum  
+ - denotes - existing elevation  
UP - denotes - Utility Pole  
C - denotes - Catch Basin  
WB - denotes - Catch Basin  
Tree diameters are in centimetres.



February 2, 2018

File: 12.709-15  
POWELL & ASSOCIATES  
B.C. Land Surveyors  
256-2950 Douglas Street  
Victoria, BC V8T 4M4  
phone (250) 362-8855

Scale 1:200 Distances are in metres.

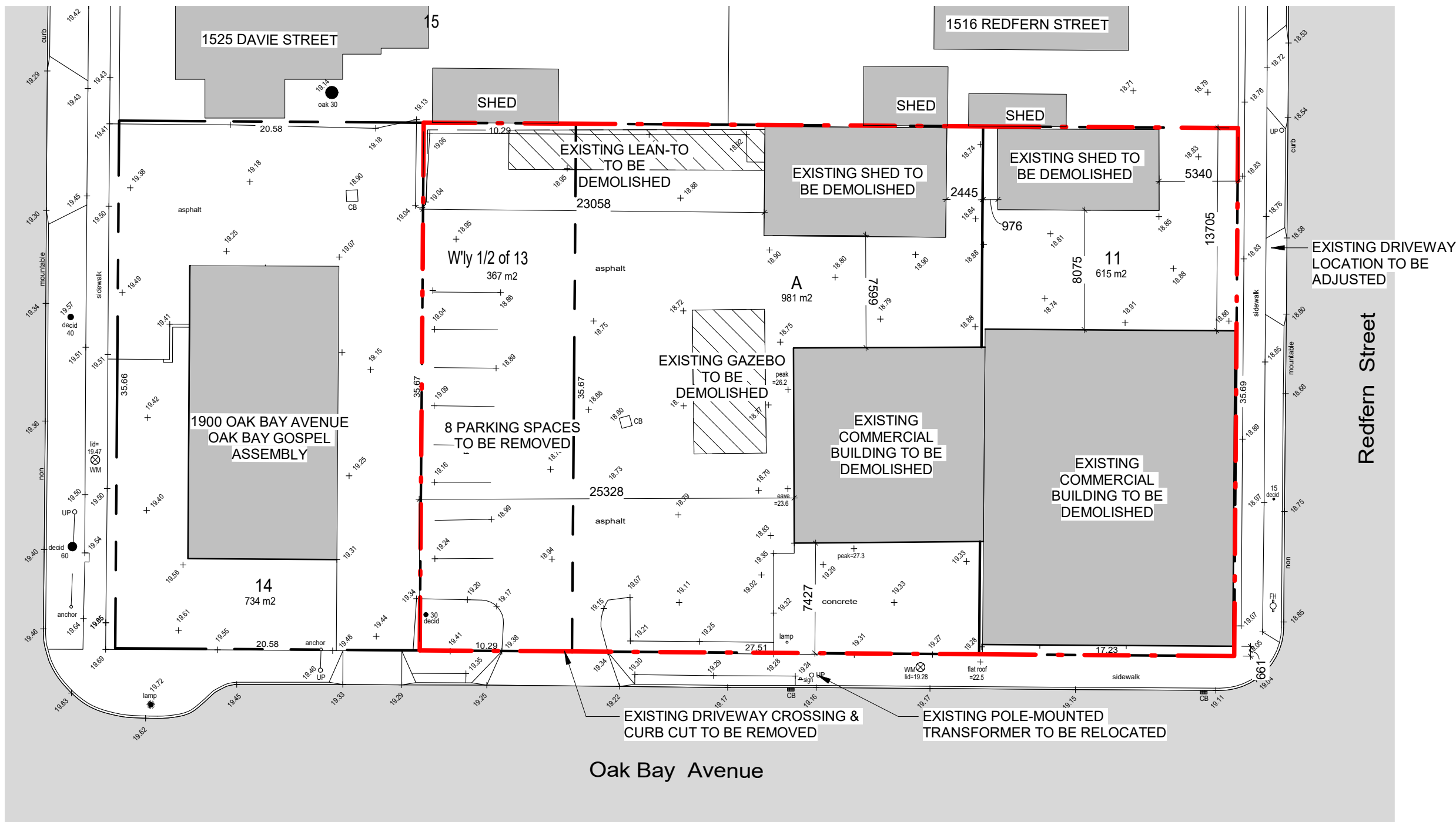


The intended print size is 24" by 18".

This document shows the relative location  
of the surveyed features and shall not be  
used to define property boundaries.

Setbacks are derived from field survey.  
Parcel dimensions shown hereon are  
derived from Land Title Office records.

I Survey Plan  
1 : 300



2 Existing Site Plan  
1 : 300

AVERAGE GRADE CALCULATIONS

GRADE POINTS:  
(PROPOSED)

A:	19.012	<b>18.986</b>
B:	19.012	<b>18.939</b>
C:	19.012	<b>18.970</b>
D:	19.012	<b>18.844</b>
E:	19.012	<b>18.801</b>
F:	18.859	<b>18.835</b>
G:	<b>18.855</b>	18.883
H:	<b>18.857</b>	18.894
I:	<b>18.856</b>	18.878
J:	<b>18.905</b>	18.907
K:	19.100	<b>18.978</b>
L:	<b>19.089</b>	19.159
M:	<b>19.100</b>	19.307
N:	<b>19.100</b>	19.303
O:	19.417	<b>19.116</b>
P:	19.400	<b>18.969</b>
Q:	19.400	<b>18.952</b>
R:	19.417	<b>19.096</b>
S:	19.401	<b>19.322</b>

GRADE POINTS:  
(NATURAL)

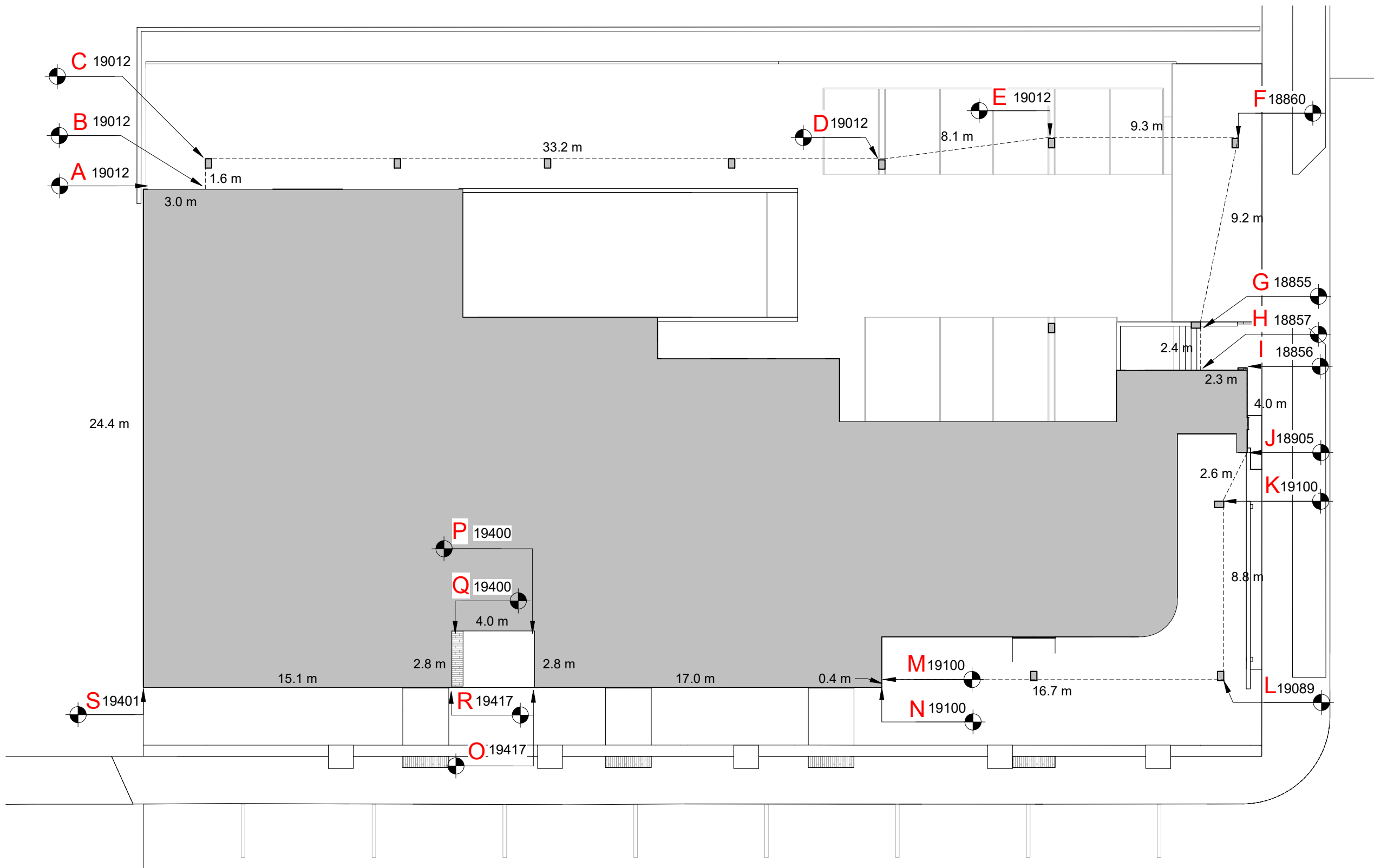
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B:	19.012
C:	19.012
D:	19.012
E:	19.012
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G:	18.883
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I:	18.878
J:	18.907
K:	18.978
L:	19.159
M:	19.307
N:	19.303
O:	19.116
P:	18.969
Q:	18.952
R:	19.096
S:	19.322

GRADE POINTS:

A-B:	((18.986+18.939)+2)	x	03.0	=295.04
B-C:	((18.939+18.970)+2)	x	01.6	=161.28
C-D:	((18.970+18.844)+2)	x	33.2	=112.26
D-E:	((18.844+18.801)+2)	x	08.1	=20.60
E-F:	((18.801+18.835)+2)	x	09.3	=256.07
F-G:	((18.835+18.855)+2)	x	09.2	=68.34
G-H:	((18.855+18.857)+2)	x	02.4	=233.91
H-I:	((18.857+18.856)+2)	x	02.3	=47.45
I-J:	((18.856+18.905)+2)	x	04.0	=121.02
J-K:	((18.905+18.978)+2)	x	02.6	=58.51
K-L:	((18.978+19.089)+2)	x	08.8	=64.35
L-M:	((19.089+19.100)+2)	x	16.7	=152.21
M-N:	((19.100+19.100)+2)	x	00.4	=24.83
N-O:	((19.100+19.116)+2)	x	17.0	=24.83
O-P:	((19.116+18.969)+2)	x	02.8	=240.66
P-Q:	((18.969+18.952)+2)	x	04.0	=53.48
Q-R:	((18.952+19.096)+2)	x	02.8	=325.19
R-S:	((19.096+19.322)+2)	x	15.1	=59.13
S-A:	((19.322+18.986)+2)	x	24.4	=460.27

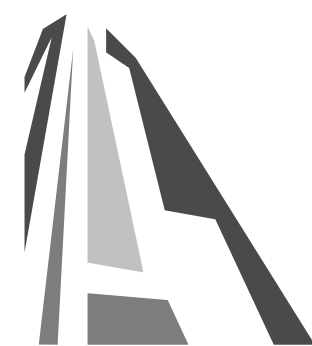
167.5 3184.03

AVERAGE GRADE = 3184.03+167.5 = 19.0



3 Average Grade Plan  
1 : 200

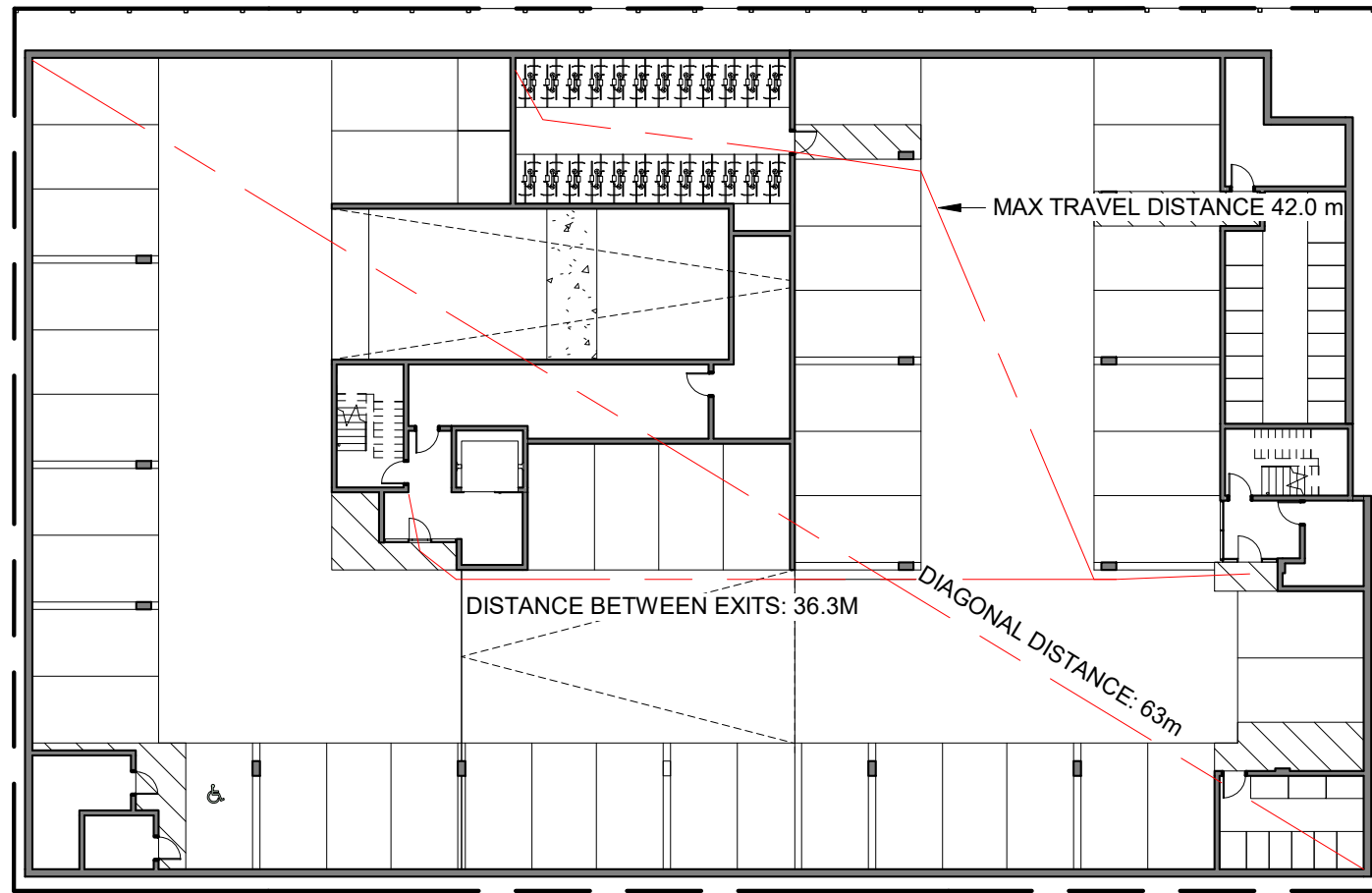
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



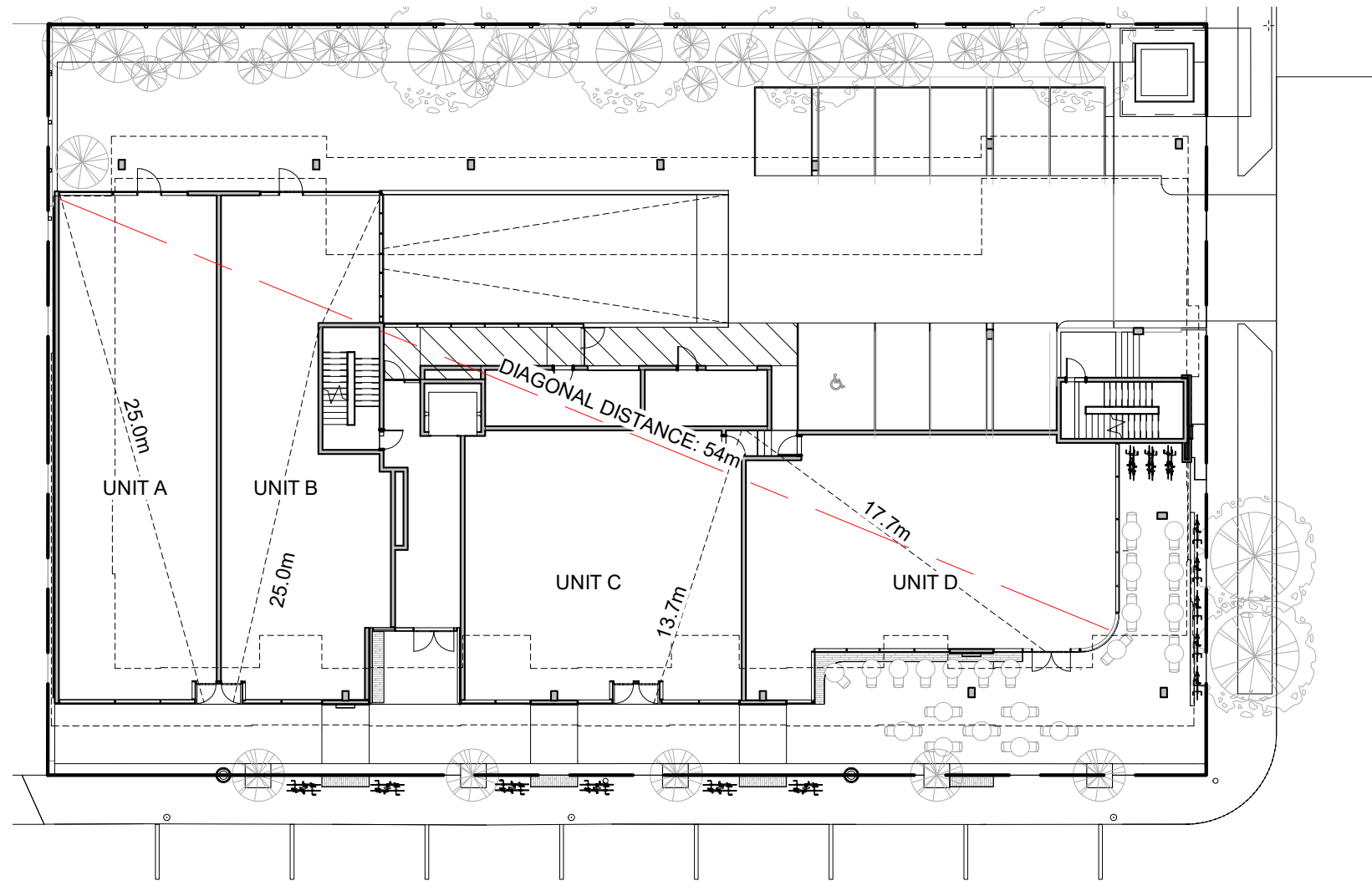
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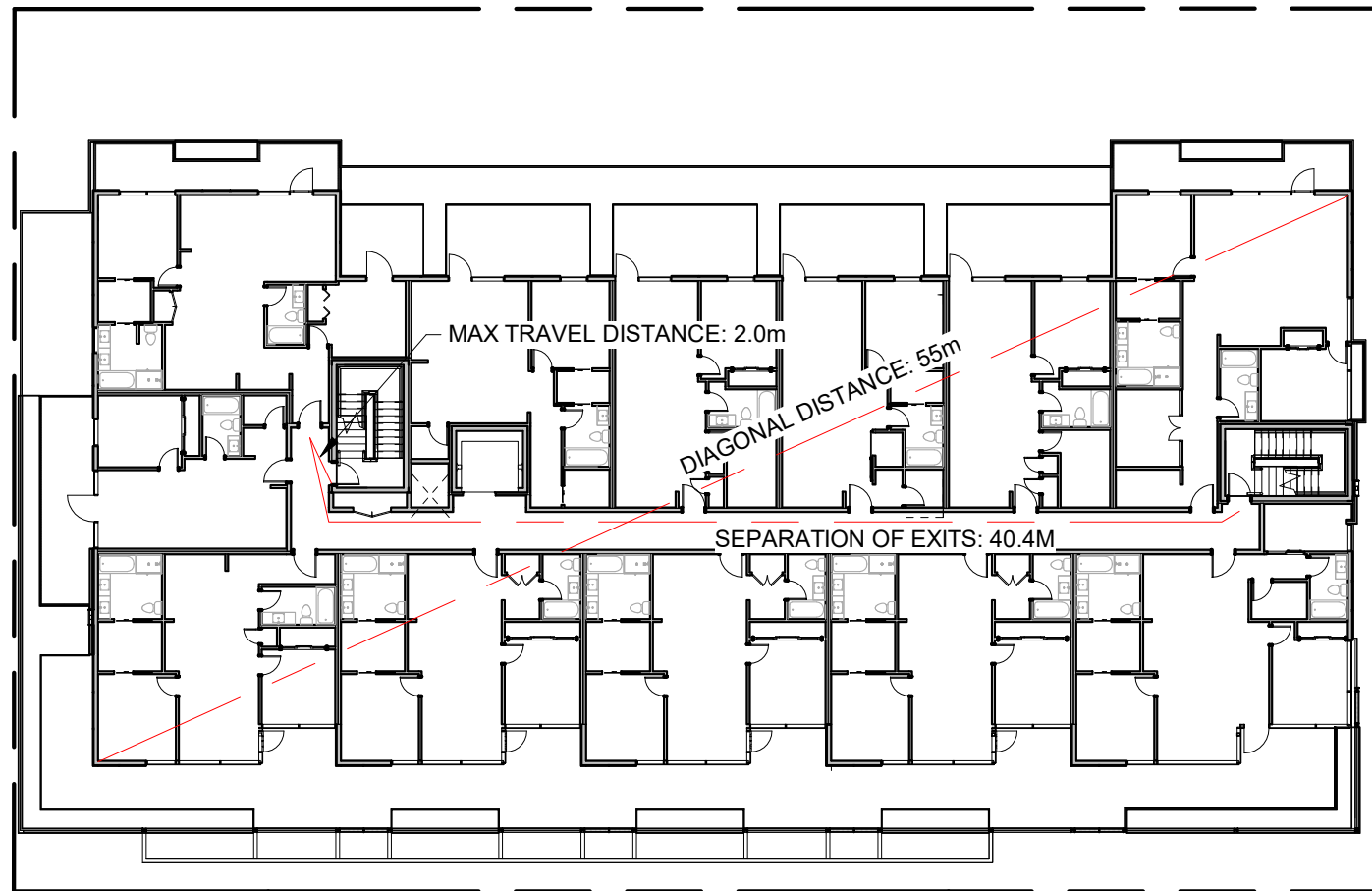
Project	Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC
Sheet Name	Survey, Existing Site Plan, Average Grade
Date	2020/04/16
Scale	As indicated
Project #	1801
Revision	March 5, 2020 2
Sheet #	A1.00



1 Parking Level - Code Plan  
SCALE = 1 : 300



2 Ground Floor - Code Plan  
SCALE = 1 : 300

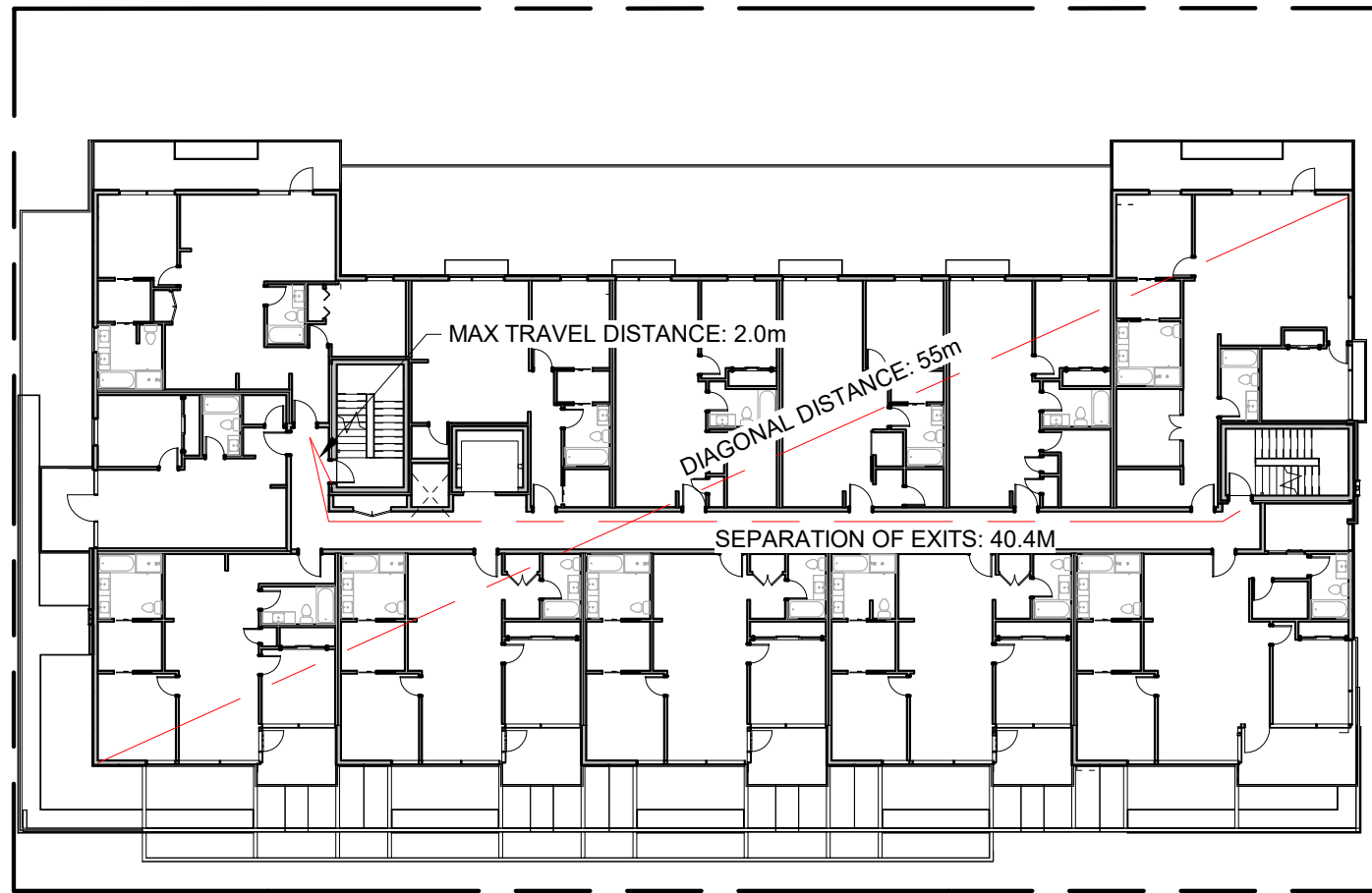


3 Level 2 - Code Plan  
SCALE = 1 : 300

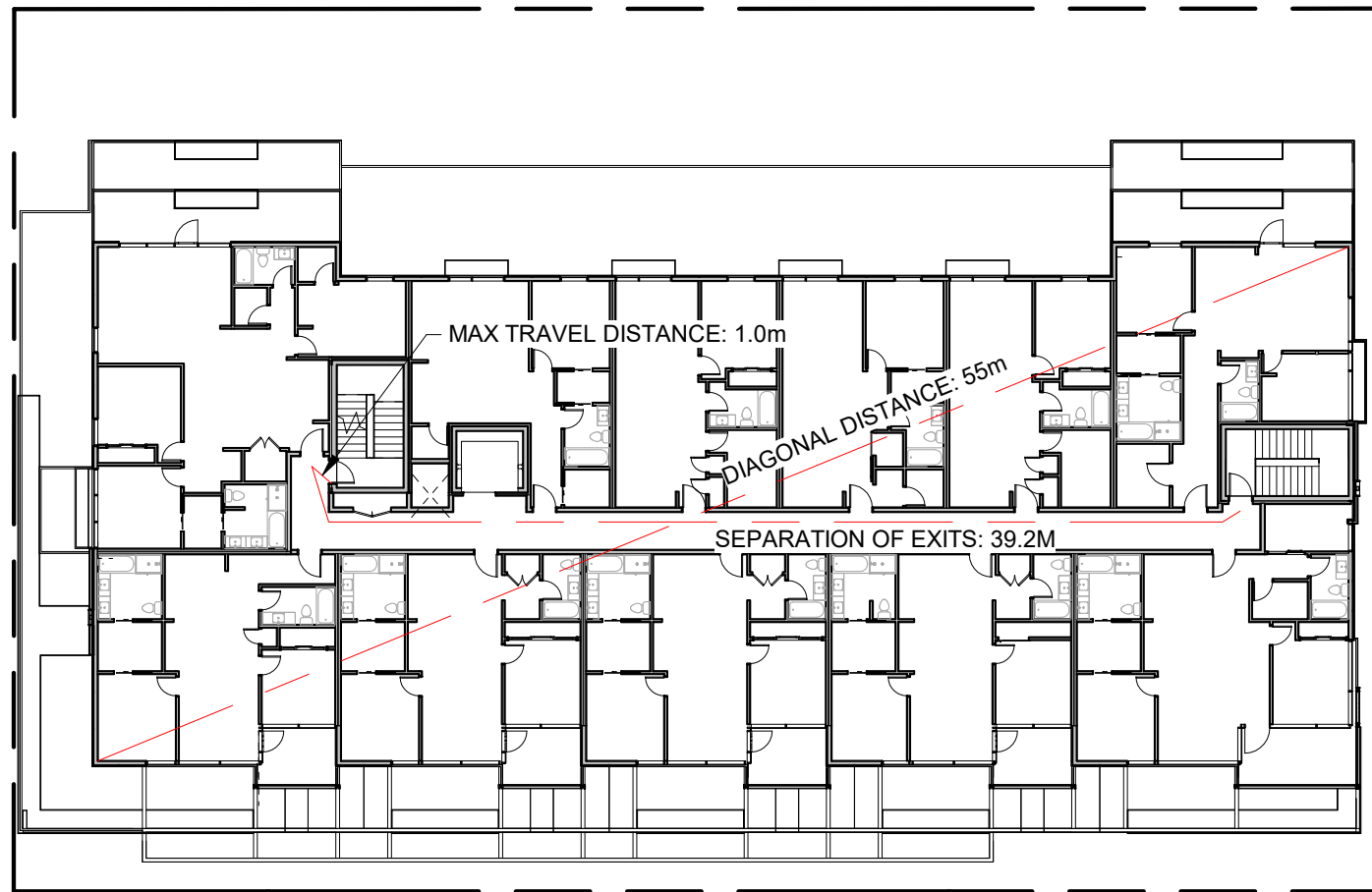
MIN. SEPARATION BETWEEN EXITS: 31.5 m  
OCCUPANCY: GROUP F, DIVISION 3  
OCCUPANT LOAD: 1799 m<sup>2</sup> / 46 m<sup>2</sup> PER PERSON = 40 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 59 = 244mm  
STAIRS : 8mm/PERSON X 40 = 320mm

**COMMERCIAL AREA**  
**UNIT A**  
OCCUPANCY: GROUP E  
OCCUPANT LOAD: 186 m<sup>2</sup> / 3.7 m<sup>2</sup> PER PERSON = 51 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 51 = 311mm  
STAIRS : 8mm/PERSON X 51 = 408mm  
**UNIT B**  
OCCUPANCY: GROUP E  
OCCUPANT LOAD: 159 m<sup>2</sup> / 3.7 m<sup>2</sup> PER PERSON = 43 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 43 = 262mm  
STAIRS : 8mm/PERSON X 43 = 344mm  
**UNIT C**  
OCCUPANCY: GROUP E  
OCCUPANT LOAD: 177 m<sup>2</sup> / 3.7 m<sup>2</sup> PER PERSON = 48 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 48 = 293mm  
STAIRS : 8mm/PERSON X 48 = 384mm  
**UNIT D**  
OCCUPANCY: GROUP E  
OCCUPANT LOAD: 194 m<sup>2</sup> / 3.7 m<sup>2</sup> PER PERSON = 53 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 53 = 323mm  
STAIRS : 8mm/PERSON X 53 = 424mm

MIN. SEPARATION BETWEEN EXITS: 9 m  
OCCUPANCY: GROUP C, RESIDENTIAL  
OCCUPANT LOAD: 19 SLEEPING ROOMS X 2 PERSONS PER ROOM = 38 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 38 = 231mm  
STAIRS : 8mm/PERSON X 38 = 304mm



4 Level 3 - Code Plan  
SCALE = 1 : 300



5 Level 4 - Code Plan  
SCALE = 1 : 300

MIN. SEPARATION BETWEEN EXITS: 9 m  
OCCUPANCY: GROUP C, RESIDENTIAL  
OCCUPANT LOAD: 19 SLEEPING ROOMS X 2 PERSONS PER ROOM = 38 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 38 = 231mm  
STAIRS : 8mm/PERSON X 38 = 304mm

MIN. SEPARATION BETWEEN EXITS: 9 m  
OCCUPANCY: GROUP C, RESIDENTIAL  
OCCUPANT LOAD: 19 SLEEPING ROOMS X 2 PERSONS PER ROOM = 38 PERSONS  
MIN. EXIT WIDTH  
RAMPS, CORRIDORS & PASSAGEWAYS : 6.1mm/PERSON x 38 = 231mm  
STAIRS : 8mm/PERSON X 38 = 304mm

**BC BUILDING CODE 2018**

**3.1 GENERAL**

**3.1.2.1 OCCUPANCY CLASSIFICATION:**

GROUP E: GROUND FLOOR LEVEL  
GROUP C RESIDENTIAL OCCUPANCY: LEVEL 2-4  
GROUP F, DIVISION 3: PARKING LEVEL

**3.1.3 SEPARATION OF USES**

F-C(STORAGE GARAGE) TO E REQUIRES 1.5HR F.R.R.  
F-C TO C REQUIRES 1HR F.R.R.  
C TO E REQUIRES A 2 HR F.R.R.

**3.1.17 OCCUPANT LOAD**

SEE A1.01

**3.2 FIRE SAFETY**

BUILDING AREA:  
1196 m<sup>2</sup>

**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.

2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



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Project		
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC		
Sheet Name		
Code Analysis		
Date		
2020/04/16		
Scale	Project #	
1 : 300	1801	
		Revision
		March 5, 2020
		Sheet #
		A1.01



GROUP E OCCUPANCY

LIMITING DISTANCE: 11.5 m  
EXPOSING BUILDING FACE: 67 m²  
MAXIMUM AREA OF UNPROTECTED OPENINGS: 100%

GROUP C OCCUPANCY

SEE TABLE



1 East Elevation - Limiting Distance  
SCALE = 1 : 300

GROUP E OCCUPANCY

LIMITING DISTANCE: 8.7 m  
EXPOSING BUILDING FACE: 55 m²  
MAXIMUM AREA OF UNPROTECTED OPENINGS: 100%

GROUP C OCCUPANCY

SEE TABLE



2 North Elevation - Limiting Distance  
SCALE = 1 : 300

GROUP E OCCUPANCY

SEE TABLE

GROUP C OCCUPANCY

LIMITING DISTANCE: 13.8 m  
EXPOSING BUILDING FACE: 150+ m²  
MAXIMUM AREA OF UNPROTECTED OPENINGS: 100%



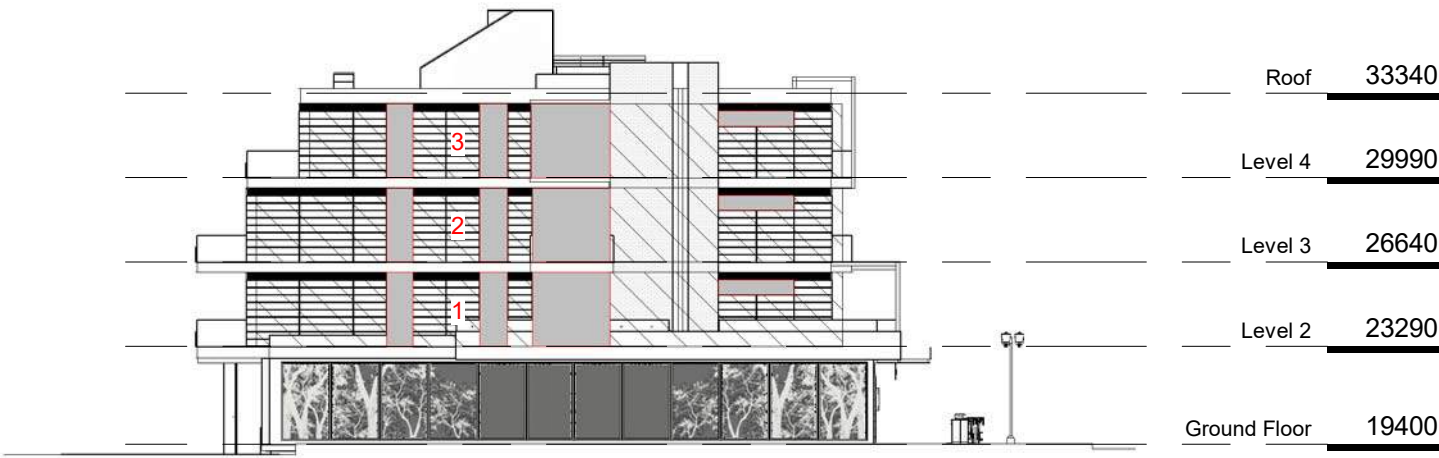
3 South Elevation - Limiting Distance  
SCALE = 1 : 300

GROUP E OCCUPANCY

N/A

GROUP C OCCUPANCY

SEE TABLE



4 West Elevation - Limiting Distance  
SCALE = 1 : 300

EAST ELEVATION - GROUP C OCCUPANCY

BUILDING COMPARTMENT	LIMITING DISTANCE	AREA OF EXPOSING FACE	MAXIMUM % OPENING
1	8.2 m	69 m²	100%
2	8.2 m	69m²	100%
3	8.2 m	63m²	100%

NORTH ELEVATION - GROUP C OCCUPANCY

BUILDING COMPARTMENT	LIMITING DISTANCE	AREA OF EXPOSING FACE	MAXIMUM % OPENING
1	16.2 m	134 m²	100%
2	7.7 m	29 m²	100%
3	11.3 m	92 m²	100%
4	7.7 m	30 m²	100%
5	7.7 m	29 m²	100%
6	11.3 m	92 m²	100%
7	7.7 m	30 m²	100%
8	9.8 m	29 m²	100%
9	11.3 m	92 m²	100%
10	9.8 m	30 m²	100%

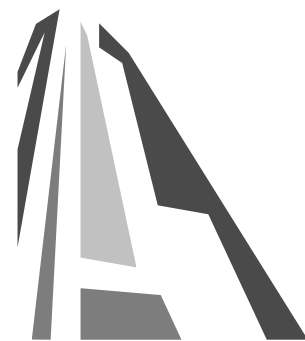
SOUTH ELEVATION - GROUP E OCCUPANCY

BUILDING COMPARTMENT	LIMITING DISTANCE	AREA OF EXPOSING FACE	MAXIMUM % OPENING
1	12.1 m	52 m²	100%
2	11.8 m	47m²	100%
3	11.8 m	67m²	100%

WEST ELEVATION - GROUP C OCCUPANCY

BUILDING COMPARTMENT	LIMITING DISTANCE	AREA OF EXPOSING FACE	MAXIMUM % OPENING	PROPOSED AREA OF OPENING	PROPOSED % OPENING
1	3.2 m	69 m²	33%	17.5 m²	25%
2	3.2 m	69 m²	33%	17.5 m²	25%
3	3.2 m	63 m²	34%	17.5 m²	28%

2	Re-Zoning & DP Rev I	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

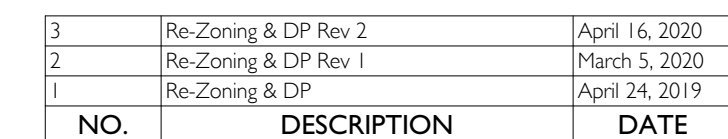


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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name <b>Limiting Distance</b>	
Date <b>2020/04/16</b>	
Scale <b>1 : 300</b>	Project # <b>1801</b>
	Revision March 5, 2020 <b>2</b>
	Sheet # <b>A1.02</b>

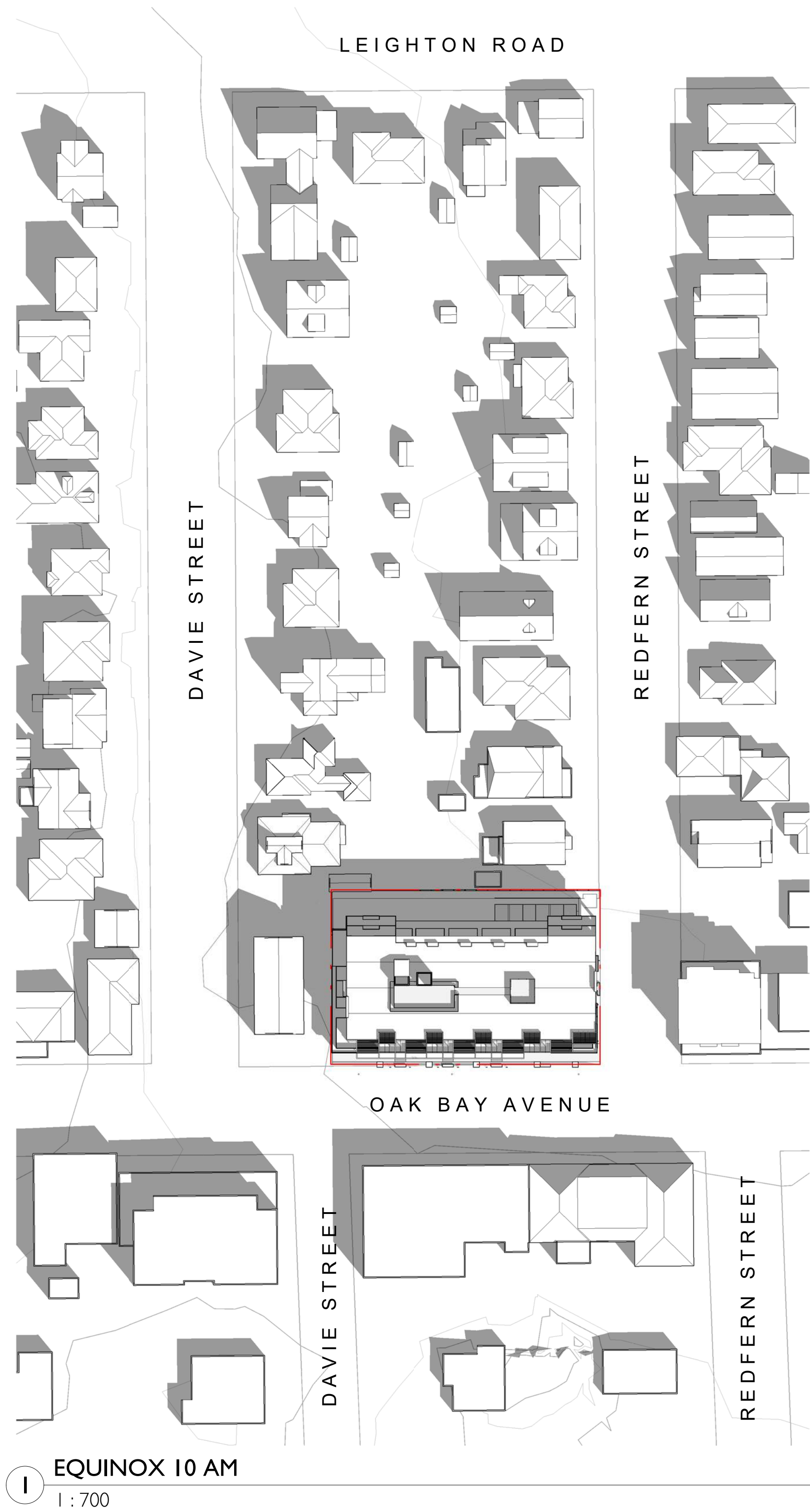




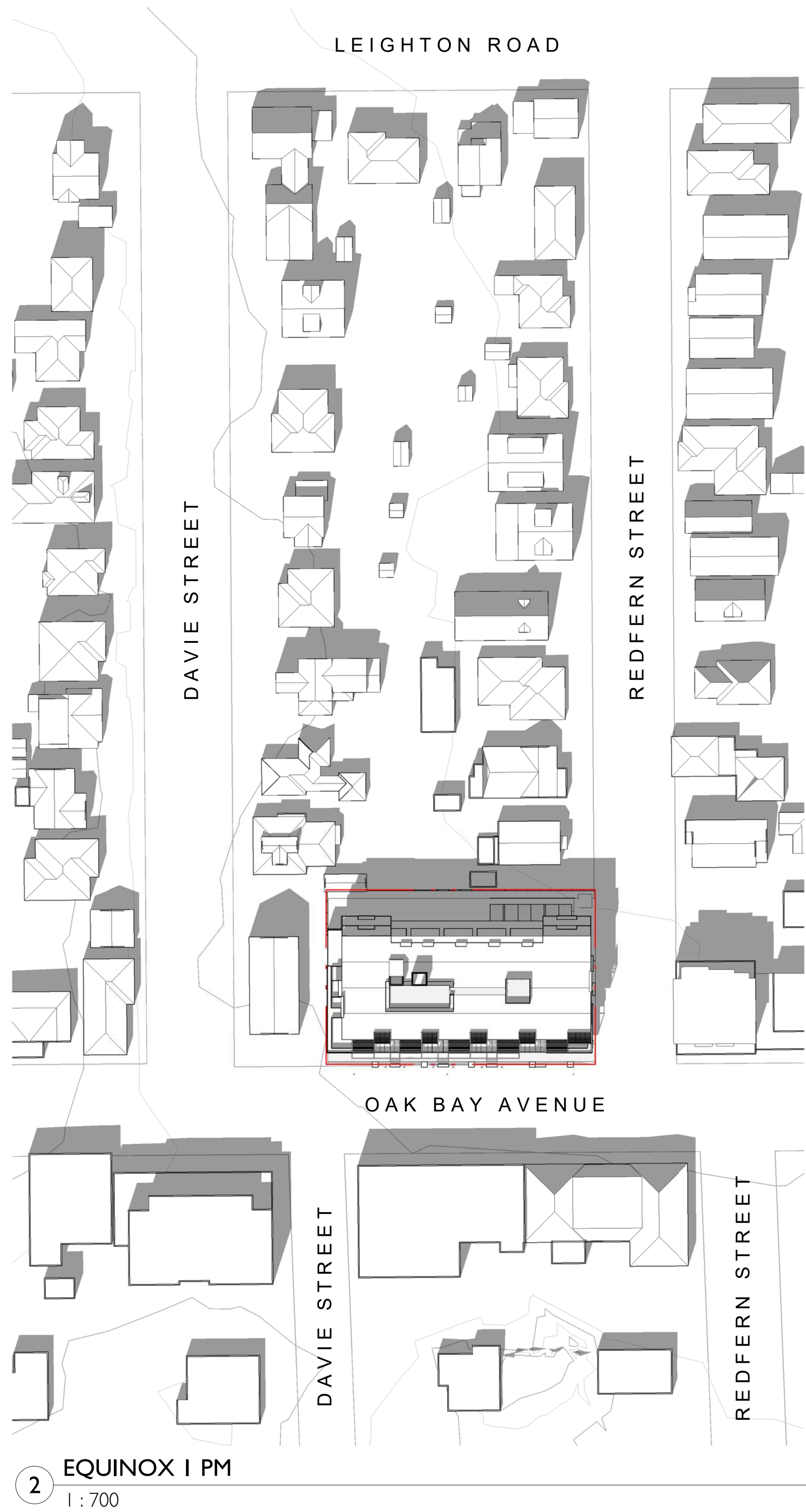
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4/19/2020 8:51:39 PM

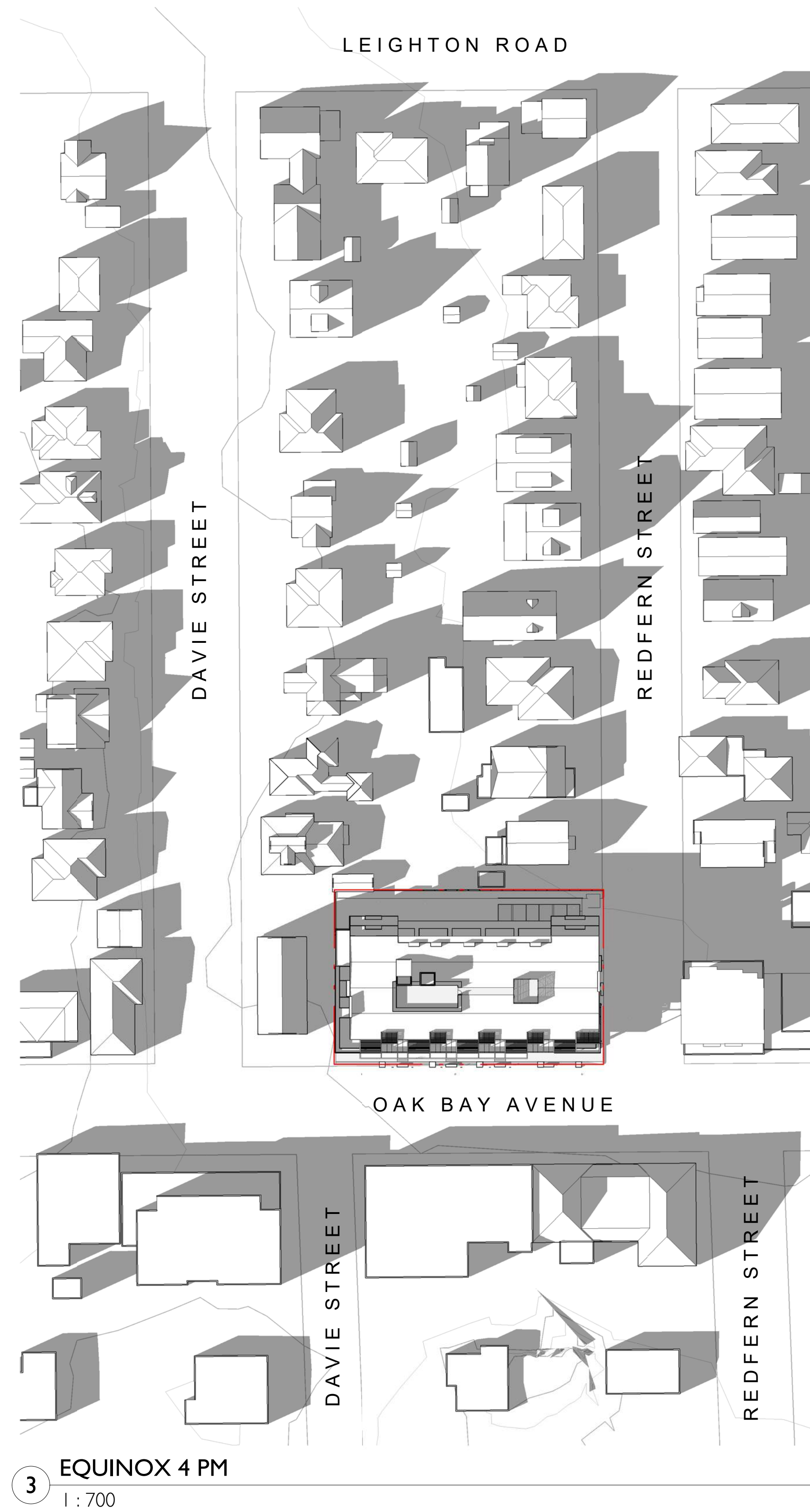




1 EQUINOX 10 AM  
1 : 700

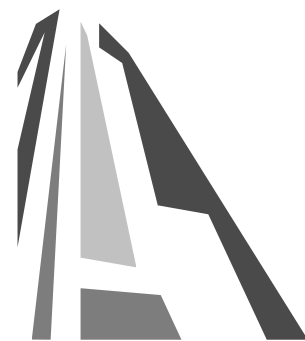


2 EQUINOX 1 PM  
1 : 700



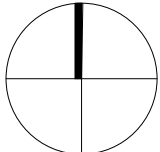
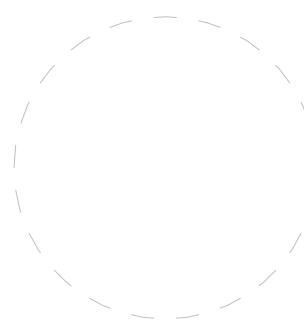
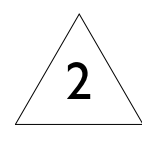
3 EQUINOX 4 PM  
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2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

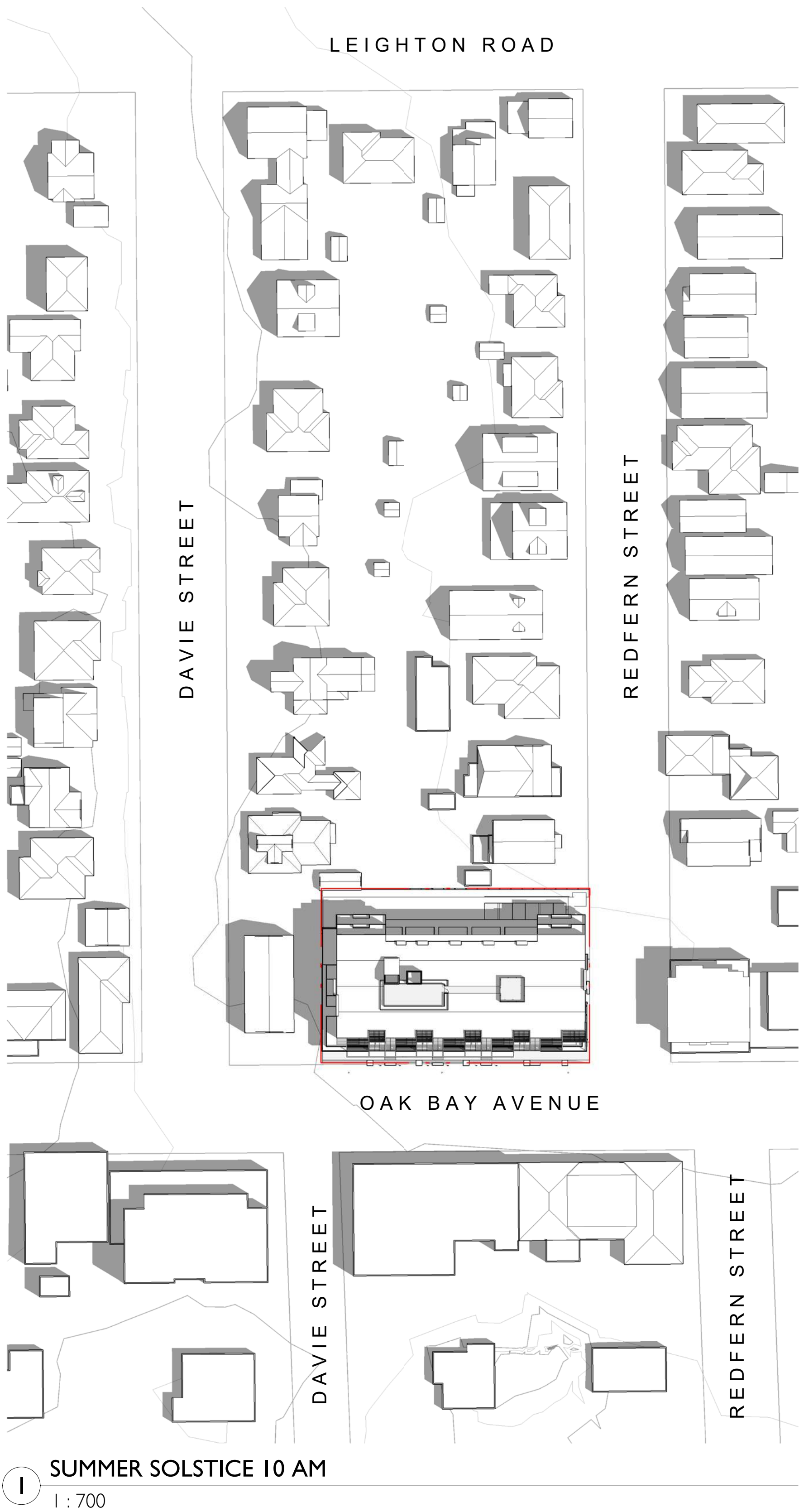


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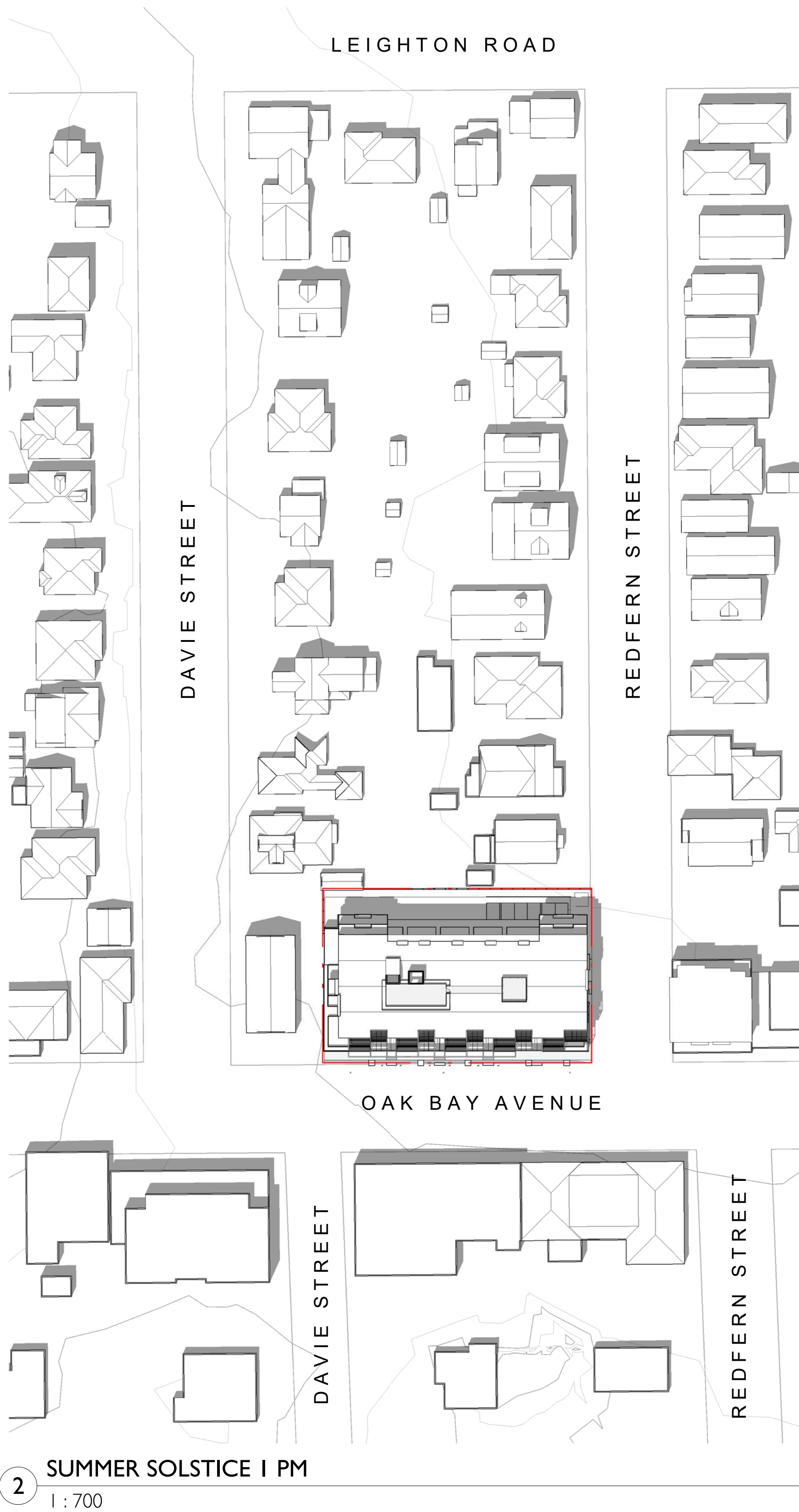
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Project	
	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name Shadow Study - Fall Equinox	
Date 2020/04/16	
Scale 1 : 700	Project # 1801
	Revision March 5, 2020 
	Sheet # A1.04

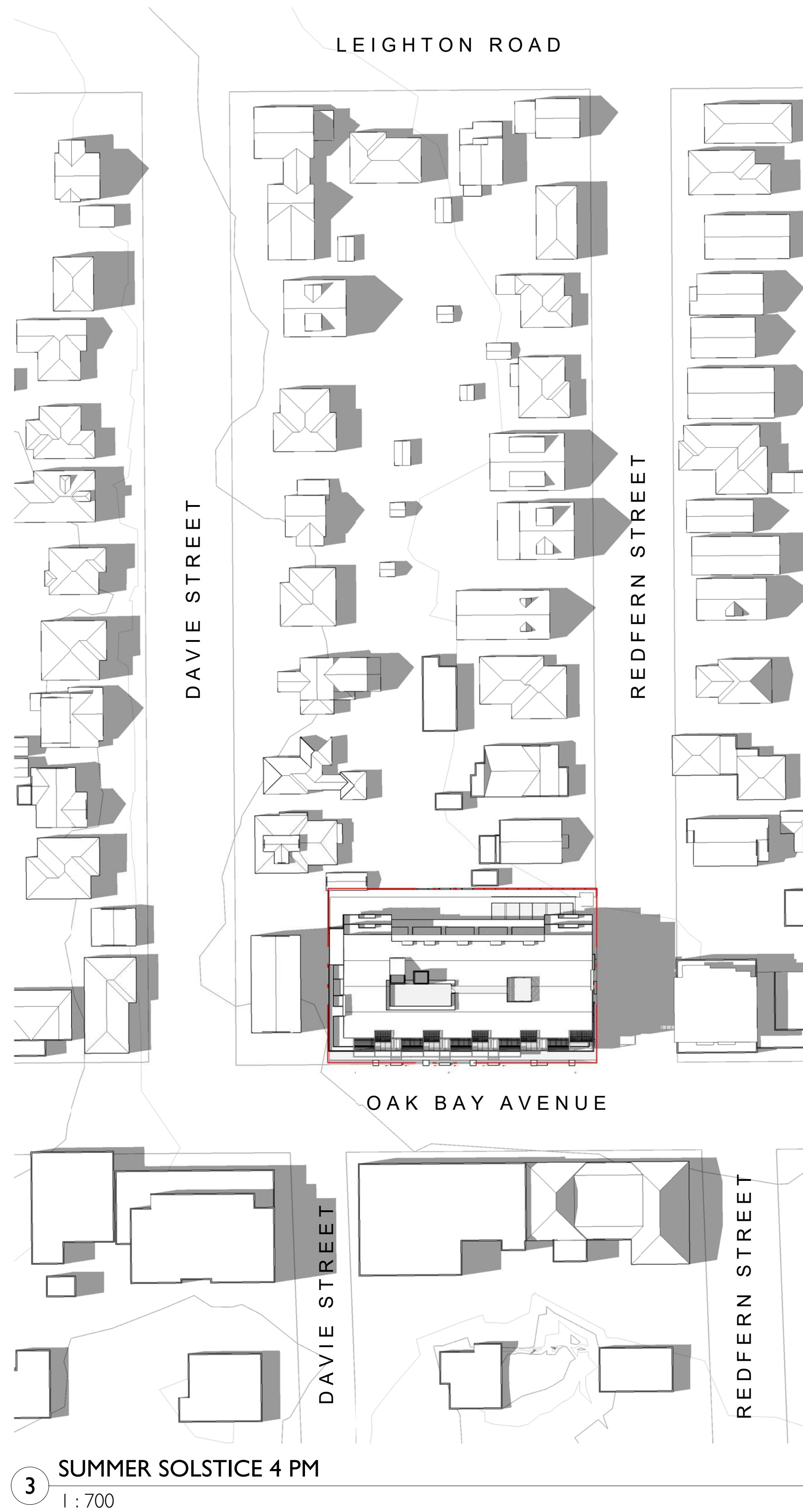




1 SUMMER SOLSTICE 10 AM  
1 : 700

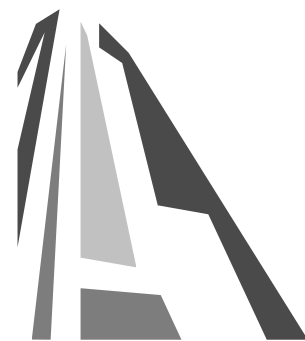


2 SUMMER SOLSTICE 1 PM  
1 : 700



3 SUMMER SOLSTICE 4 PM  
1 : 700

2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



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Project	
	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name Shadow Study - Summer Solstice	
Date 2020/04/16	
Scale 1 : 700	Project # 1801
	Revision March 5, 2020 
	Sheet # A1.05





1 WINTER SOLSTICE 10 AM  
1 : 700



2 WINTER SOLSTICE 1 PM  
1 : 700



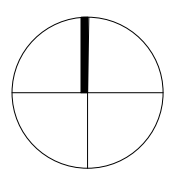
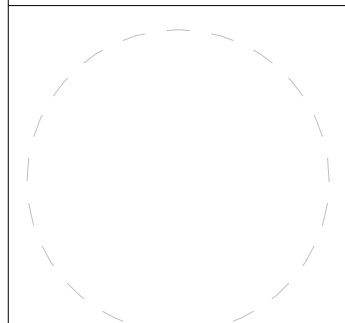
3 WINTER SOLSTICE 3 PM  
1 : 700

2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

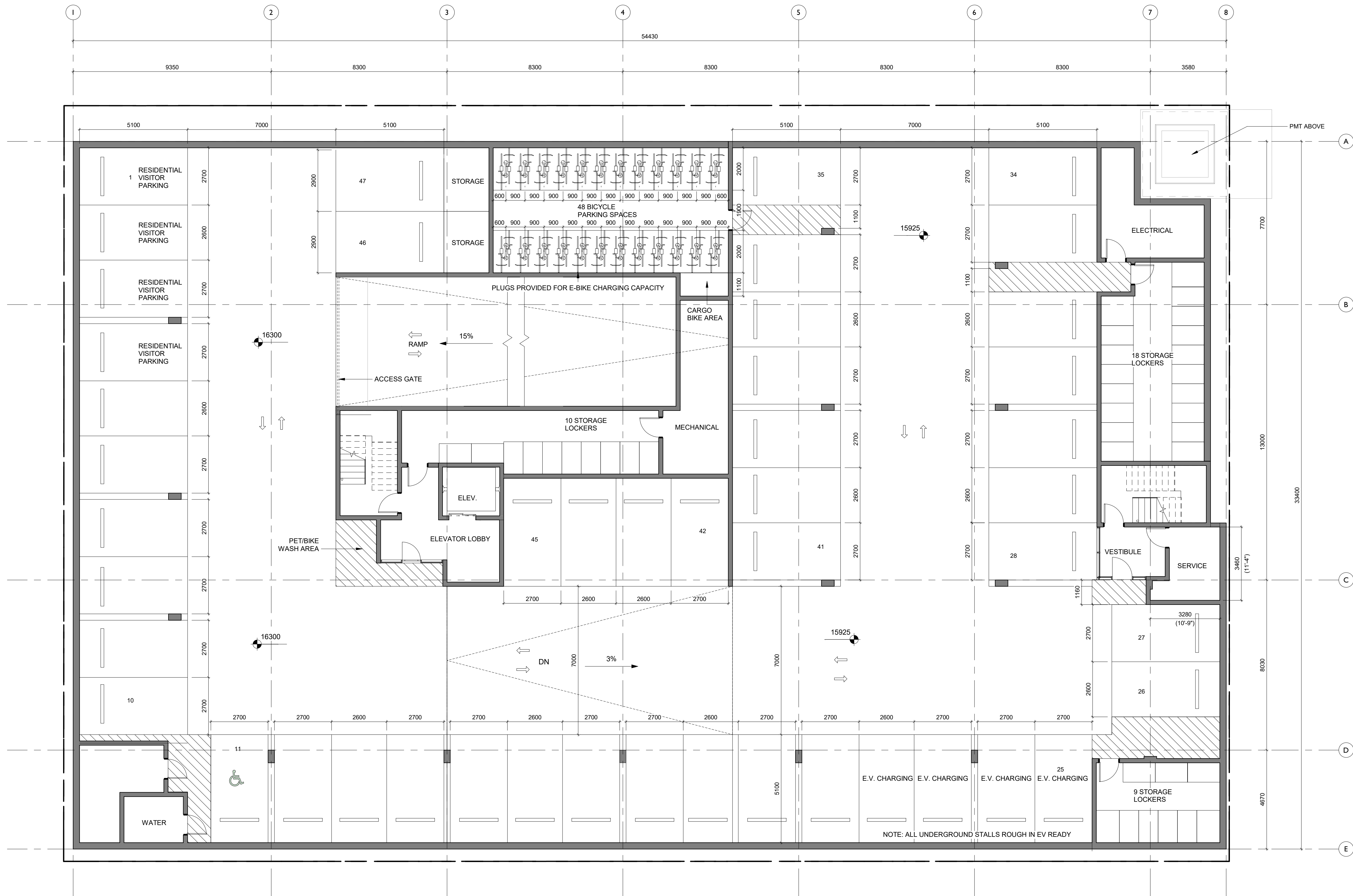


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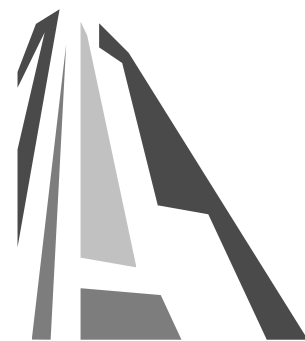
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Project	
	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name <b>Shadow Study - Winter Solstice</b>	
Date 2020/04/16	
Scale 1 : 700	Project # 1801
	Revision March 5, 2020 <b>2</b>
	Sheet # <b>A1.06</b>





2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

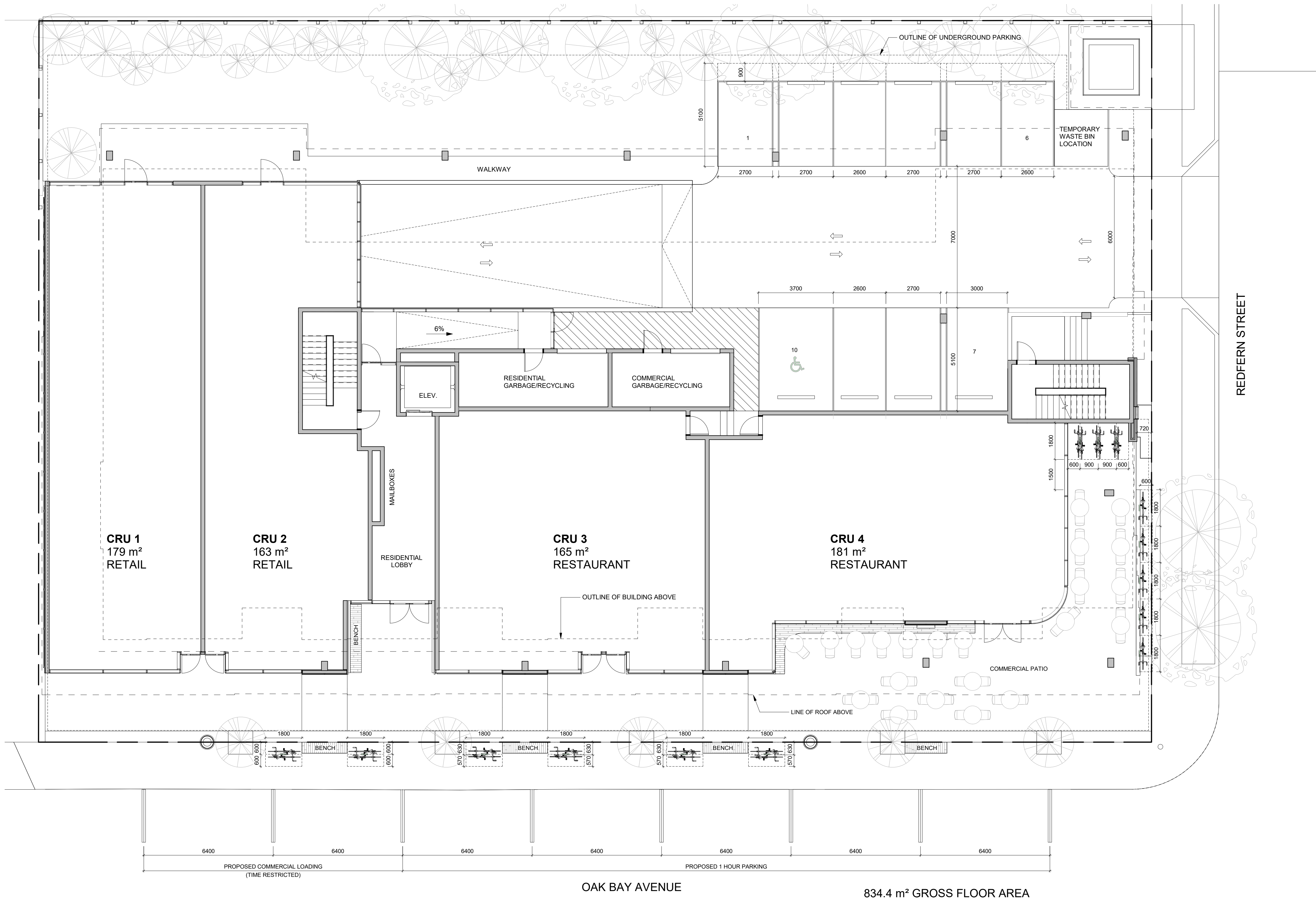


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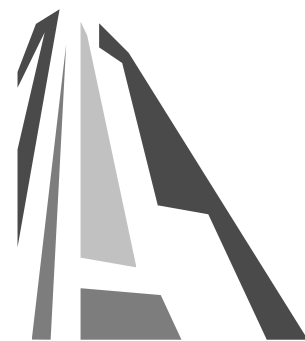
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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name <b>Parking Level Plan</b>	
Date 2020/04/16	
Scale 1 : 100	Project # 1801
	Revision March 5, 2020 <b>2</b>
	Sheet # <b>A2.00</b>





3	Re-Zoning & DP Rev 2	April 16, 2020
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

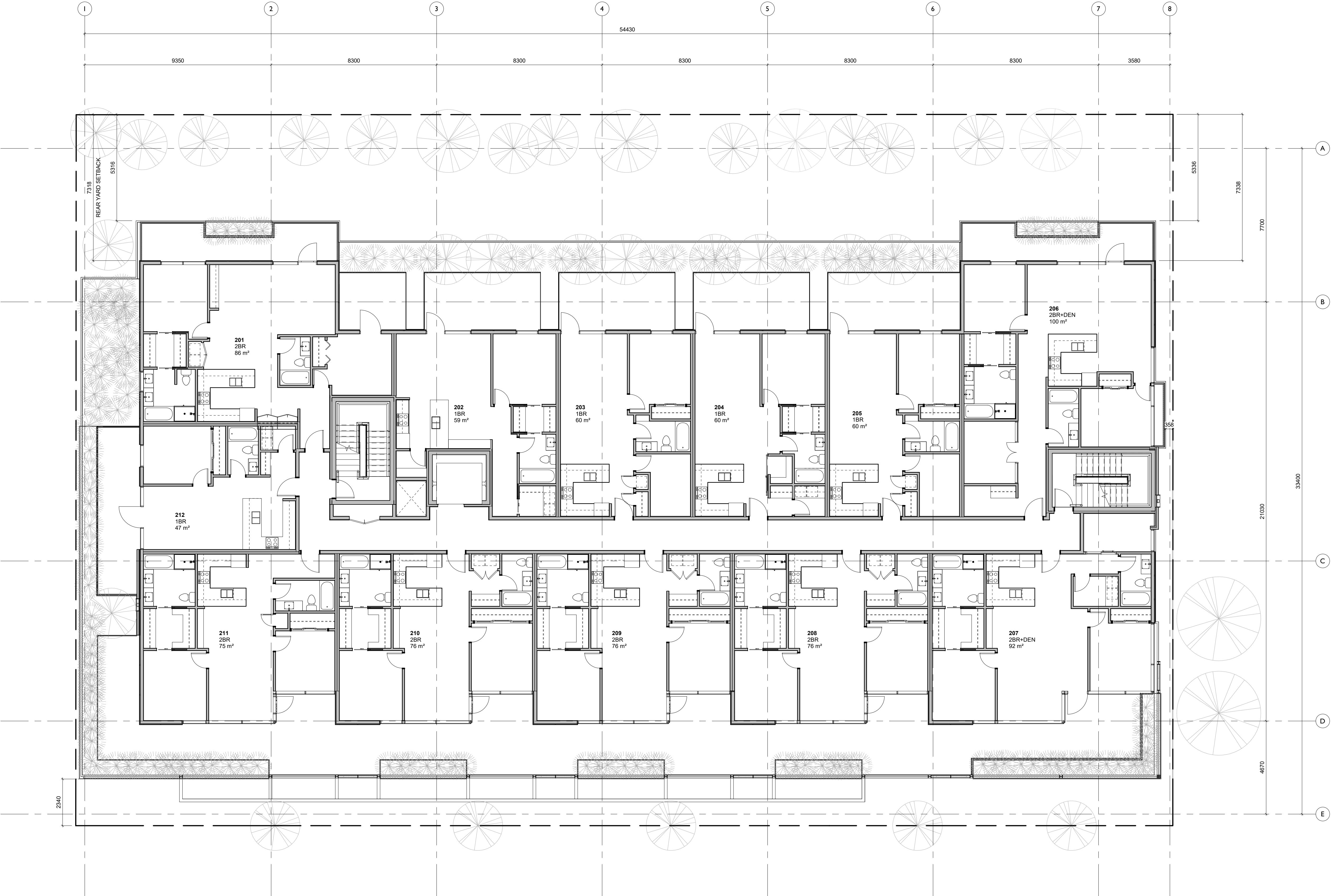


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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name	
Ground Floor Plan	
Date	
2020/04/16	
Scale	Project #
1 : 100	1801
Revision	
April 16, 2020	
Sheet #	
A2.01	





1,004.85 m² GROSS FLOOR AREA (EXCLUDING ELEV. SHAFT)

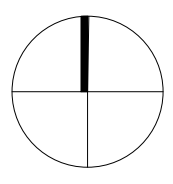
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



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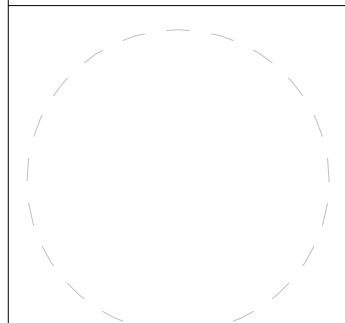
Project



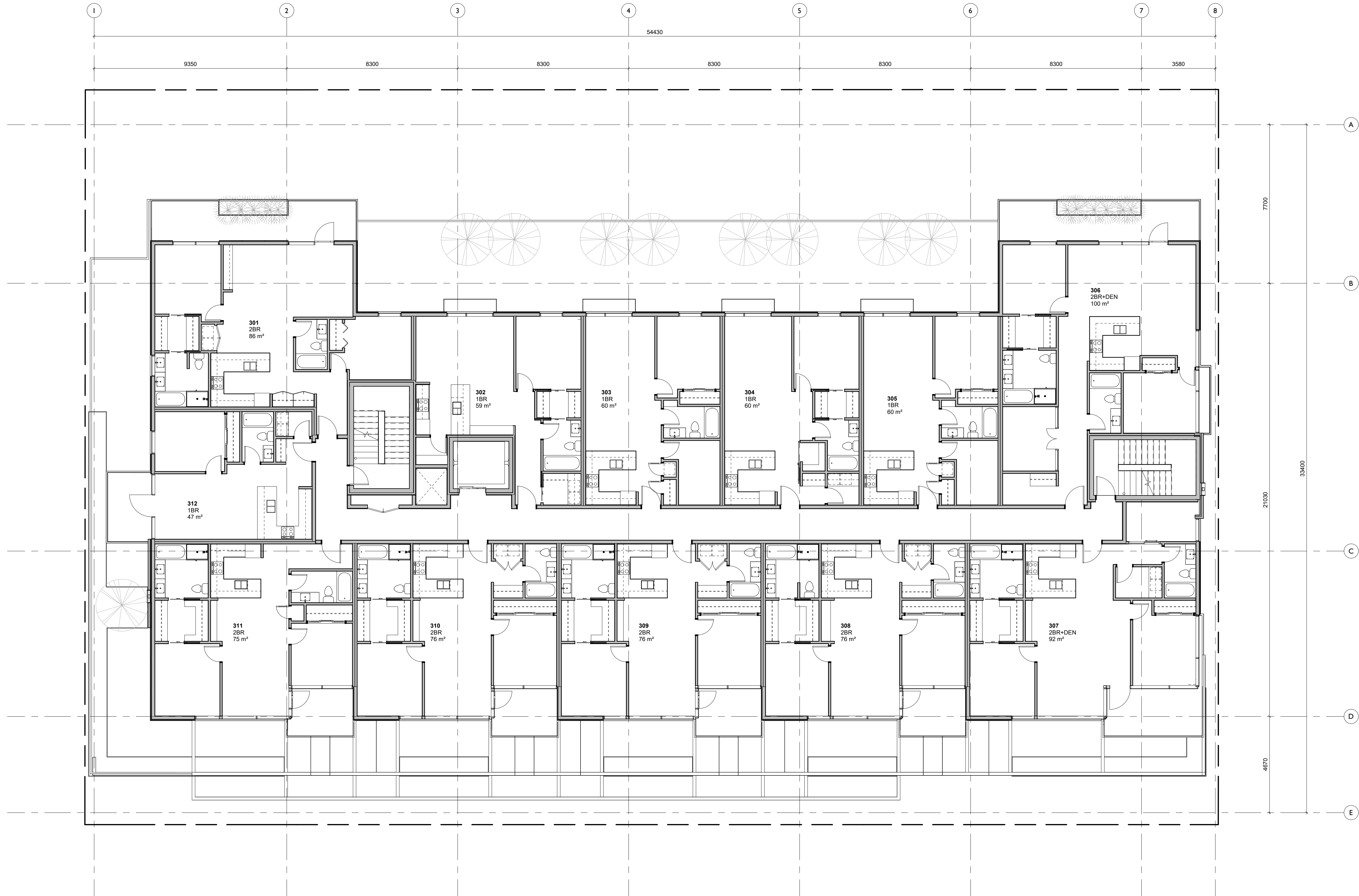
Jawl Residential  
1920 Oak Bay Ave.  
Oak Bay, BC

Sheet Name

Second Floor Plan

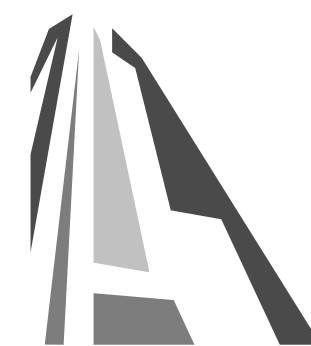
Date		2020/04/16
Scale	1 : 100	Project # 1801
	Revision	March 5, 2020 2
	Sheet #	A2.02
	4/19/2020 8:52:55 PM	





1,004.85 m² GROSS FLOOR AREA (EXCLUDING ELEV. SHAFT)

2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

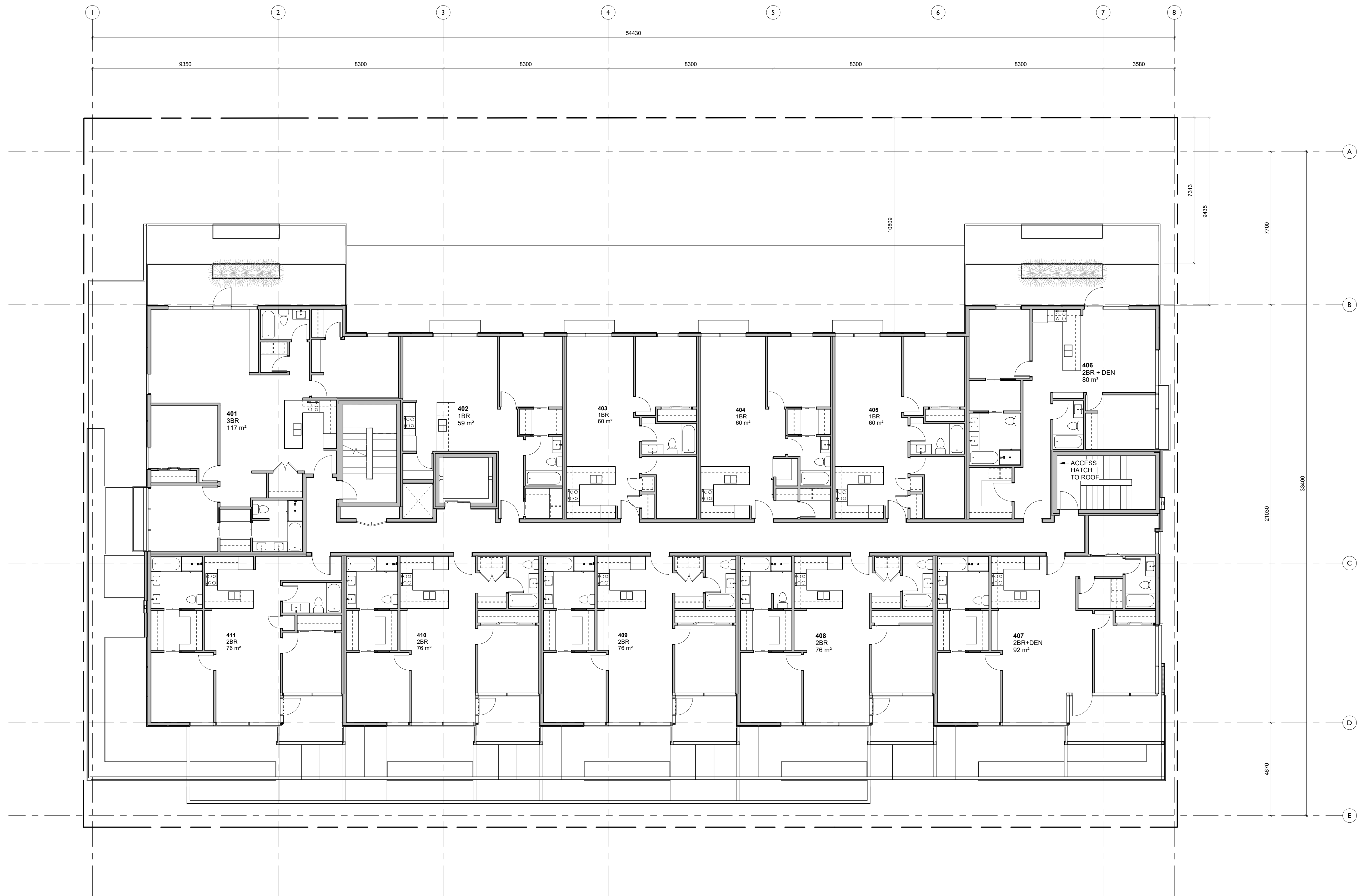


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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name	
Third Floor Plan	
Date	
2020/04/16	
Scale	Project #
1 : 100	1801
	Revision
	March 5, 2020 2
Sheet #	
A2.03	





965.03 m² GROSS FLOOR AREA (EXCLUDING ELEV. SHAFT)

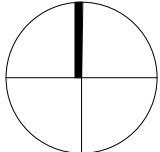
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



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Project



Sheet Name

Jawl Residential  
1920 Oak Bay Ave.  
Oak Bay, BC

**Fourth Floor Plan**

Date

2020/04/16

Scale

1 : 100

Project #

1801

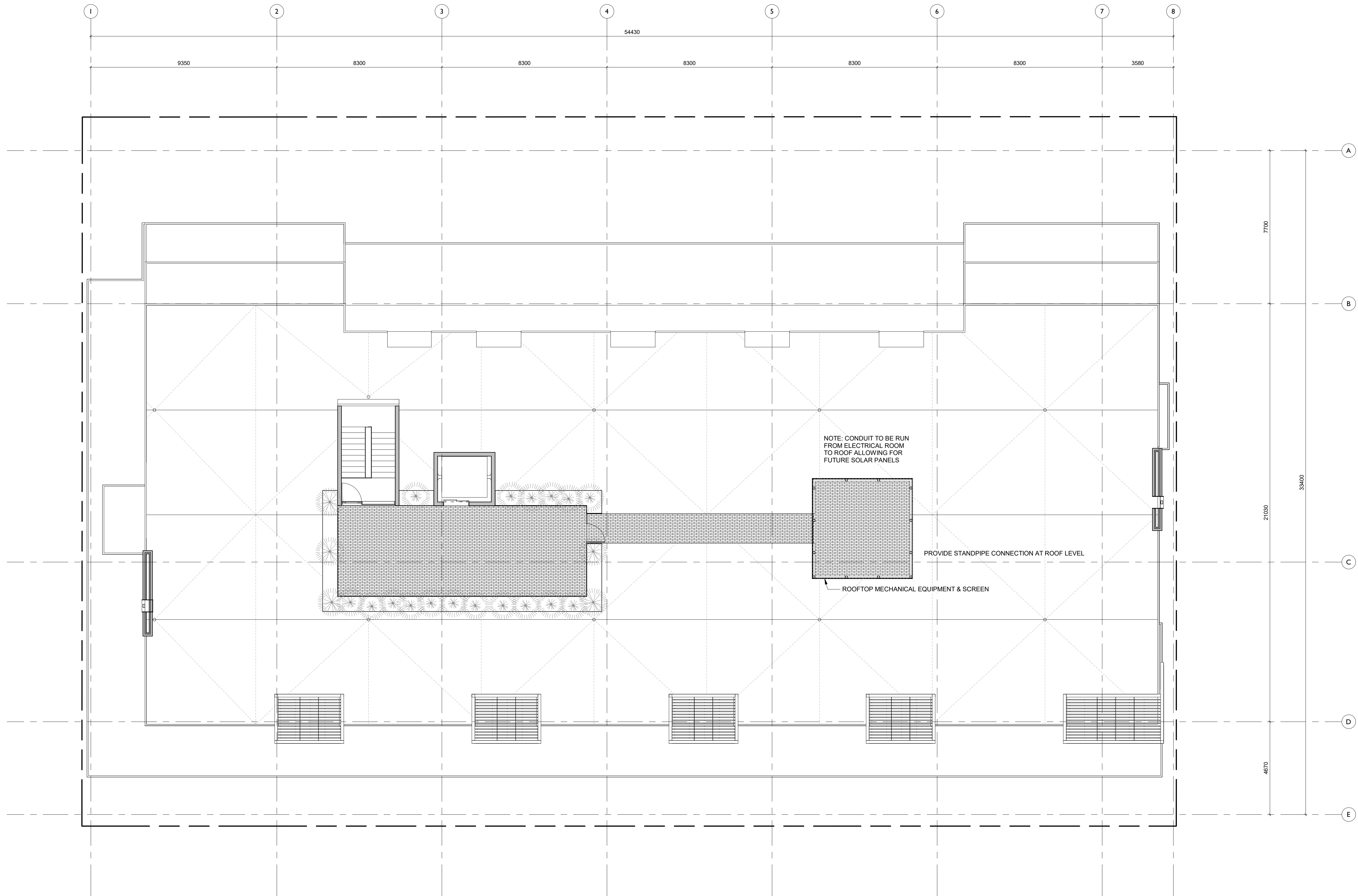
Revision

March 5, 2020

Sheet #

**A2.04**





13.25 m<sup>2</sup> GROSS FLOOR AREA (EXCLUDING ELEV. SHAFT)

3	Re-Zoning & DP Rev 2	April 16, 2020
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name	
Roof Plan	
Date	
2020/04/16	
Scale	Project #
1 : 100	1801
	Revision
	April 16, 2020 3
Sheet #	
A2.05	





1 South Elevation  
1 : 100



2 East Elevation  
1 : 100

MATERIALS LEGEND			
1	CEMENTITIOUS PANEL CLADDING	7	CLEAR SEALED WOOD
2	TRANSPARENT GLAZING	8	CONCRETE
3	PRE-FINISHED METAL	9	METAL LOUVRE
4	PAINTED STEEL OR ALUMINUM	10	CONCRETE BLOCK
5	WOOD-TEXTURED SHADE SCREEN	11	WOOD FENCING
6	T&G CEDAR SOFFIT	12	BRICK

NO.	DESCRIPTION	DATE
3	Re-Zoning & DP Rev 2	April 16, 2020
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019



CASCADIA ARCHITECTS INC

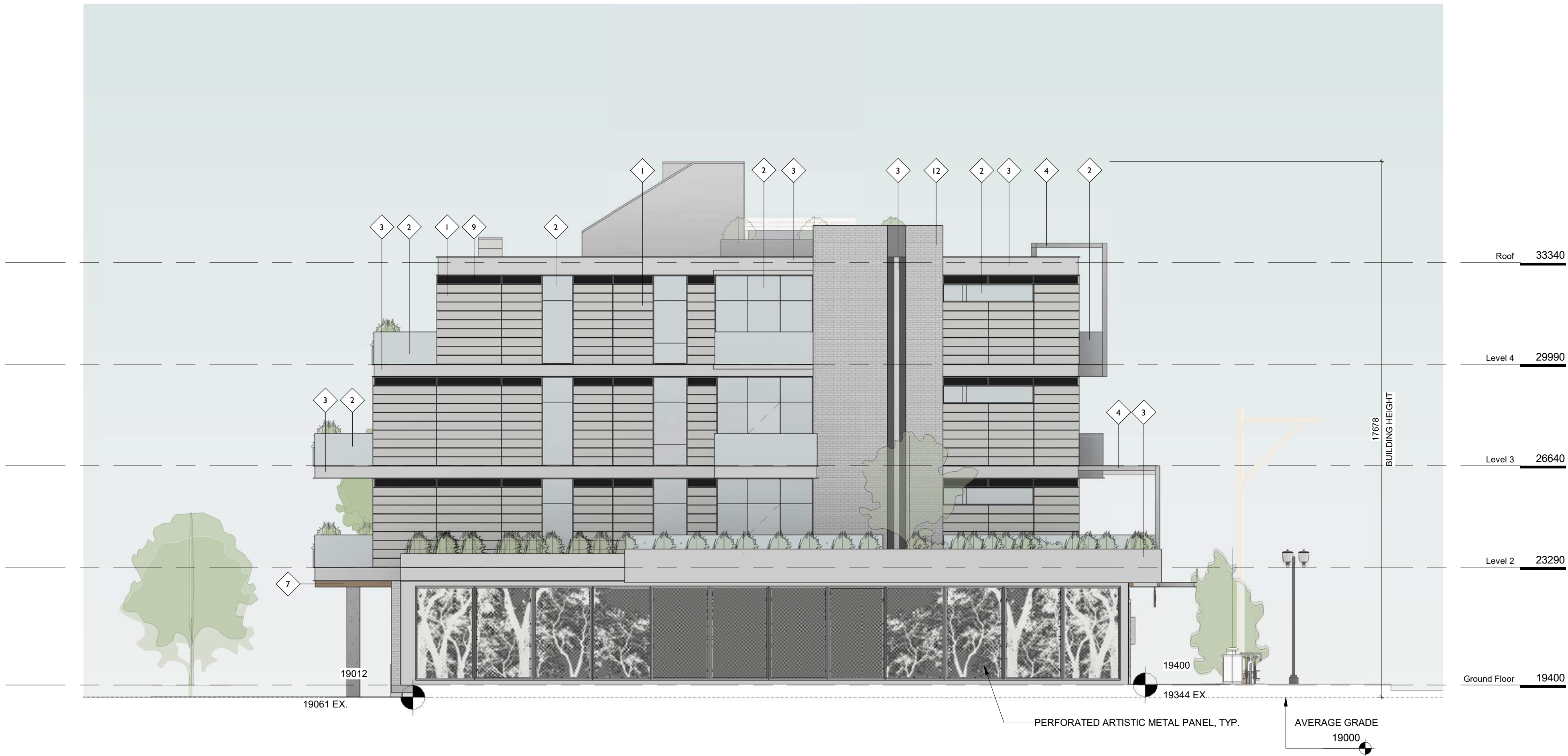
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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name	
Elevations	
Date	
2020/04/16	
Scale	Project #
1 : 100	1801
	Revision
	April 16, 2020 3
Sheet #	
A3.00	





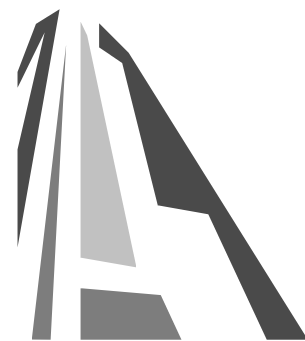
1 North Elevation  
1 : 100



2 West Elevation  
1 : 100

MATERIALS LEGEND			
1	CEMENTITIOUS PANEL CLADDING	7	CLEAR SEALED WOOD
2	TRANSPARENT GLAZING	8	CONCRETE
3	PRE-FINISHED METAL	9	METAL LOUVRE
4	PAINTED STEEL OR ALUMINUM	10	CONCRETE BLOCK
5	WOOD-TEXTURED SHADE SCREEN	11	WOOD FENCING
6	T&G CEDAR SOFFIT	12	BRICK

3	Re-Zoning & DP Rev 2	April 16, 2020
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name	
Elevations	
Date	
2020/04/16	
Scale	Project #
1 : 100	1801
Revision	3
	April 16, 2020
Sheet #	
A3.01	





VIEW FROM OAK BAY AVENUE & DAVIE STREET



VIEW FROM OAK BAY AVENUE LOOKING EAST



VIEW FROM OAK BAY AVENUE LOOKING WEST



1 Oak Bay Ave Context Elevation  
1 : 200



2 Redfern St Context Elevation  
1 : 200

3	Re-Zoning & DP Rev 2	April 16, 2020
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

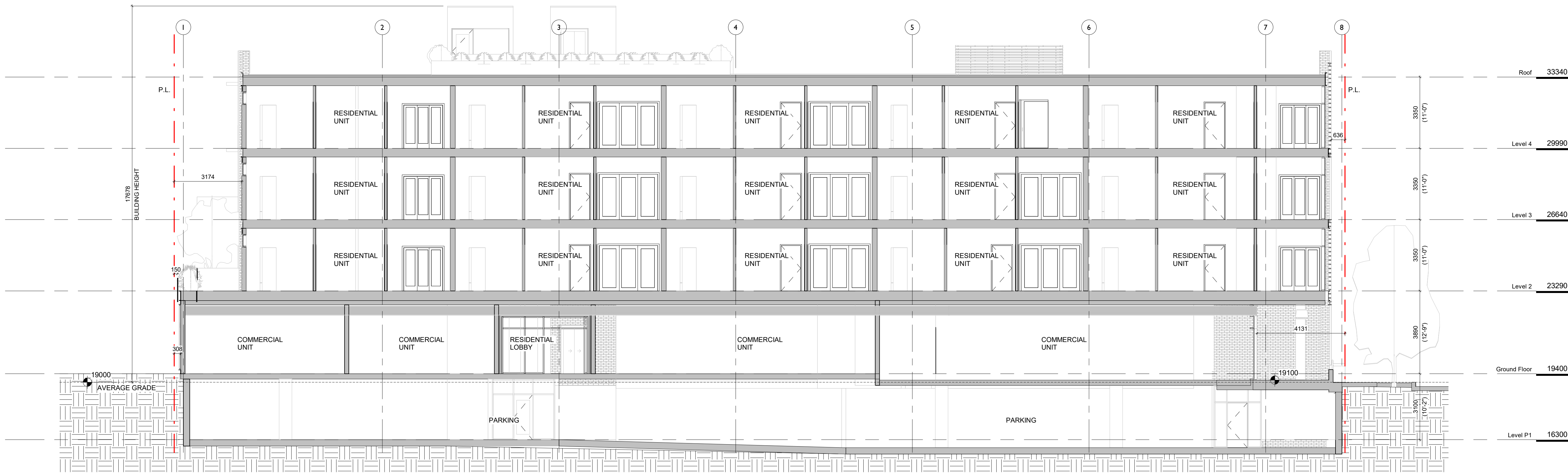


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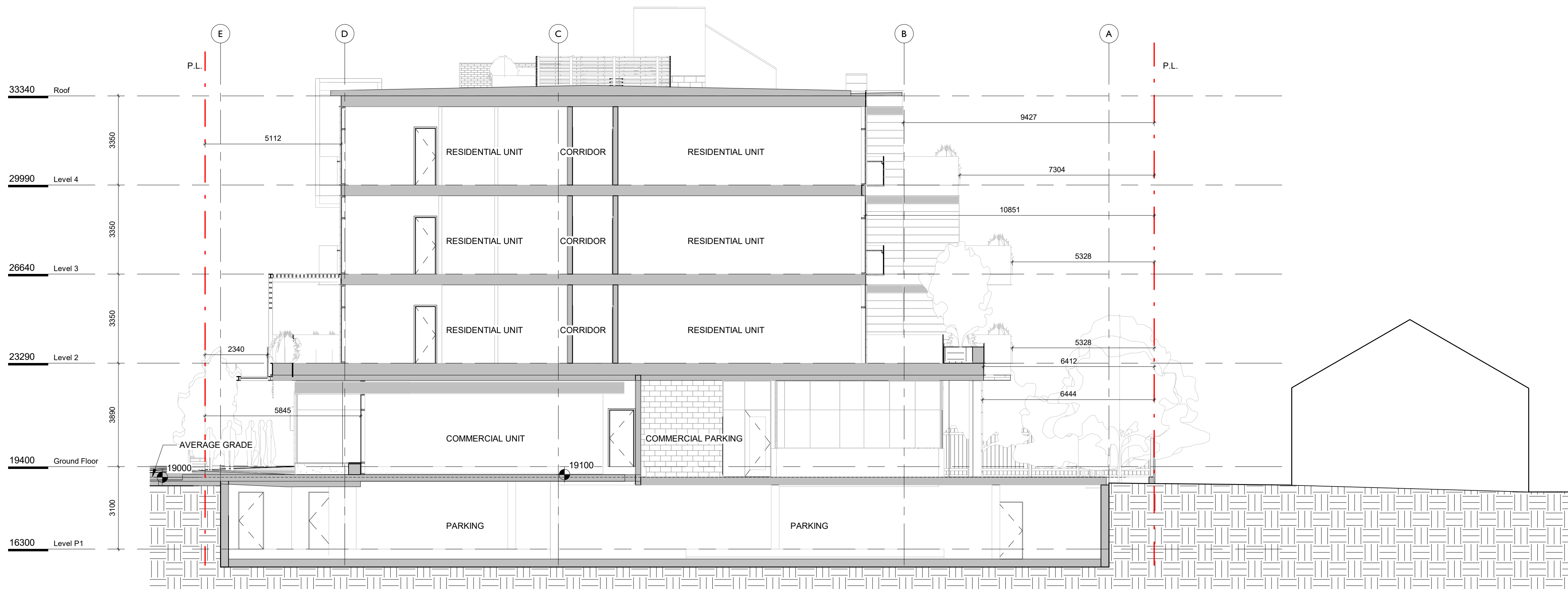
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Project	
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC	
Sheet Name	
Context Elevations	
Date	
2020/04/16	
Scale	Project #
1 : 200	1801
Revision	3
April 16, 2020	
Sheet #	A3.02



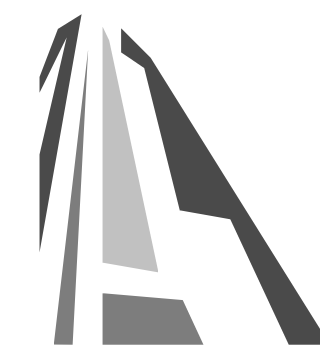


**1 Long Section**  
1 : 100



**2 Cross Section**  
1 : 100

3	Re-Zoning & DP Rev 2	April 16, 2020
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

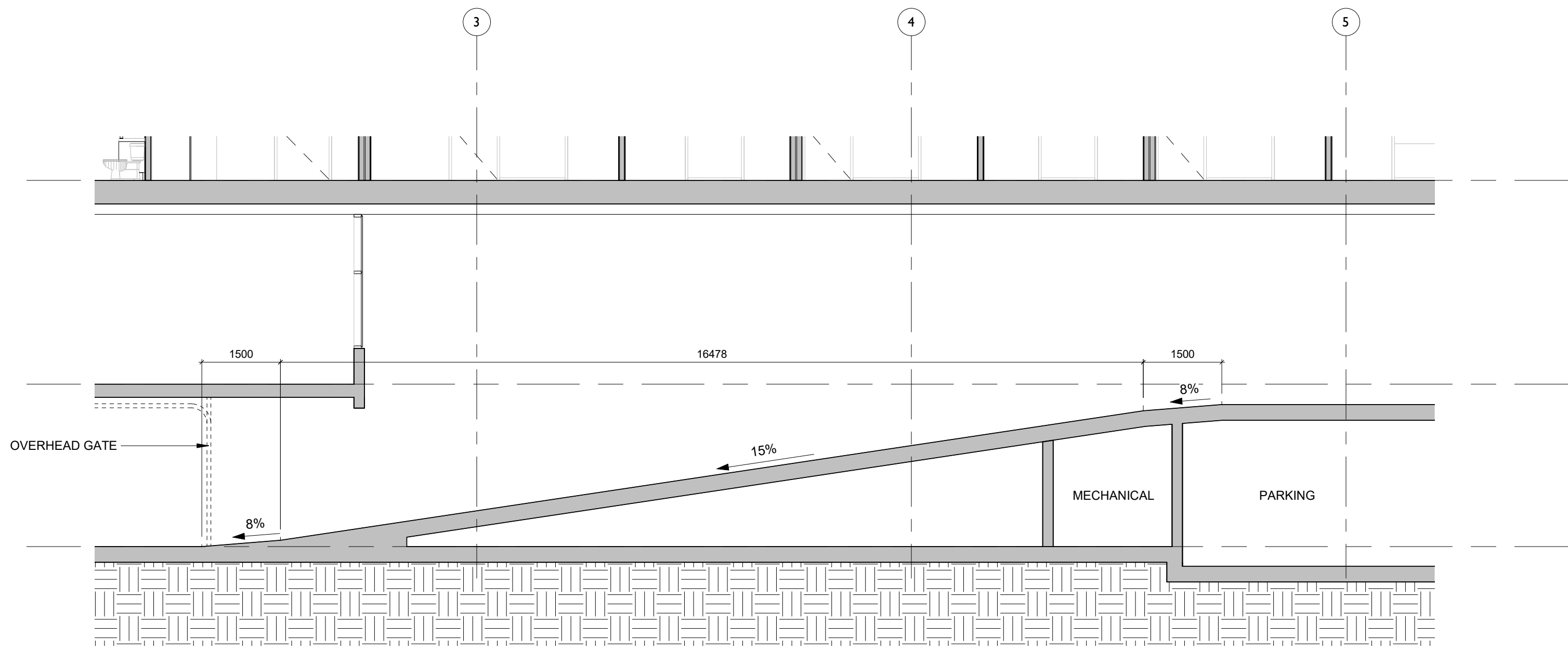


**CASCADIA ARCHITECTS INC**

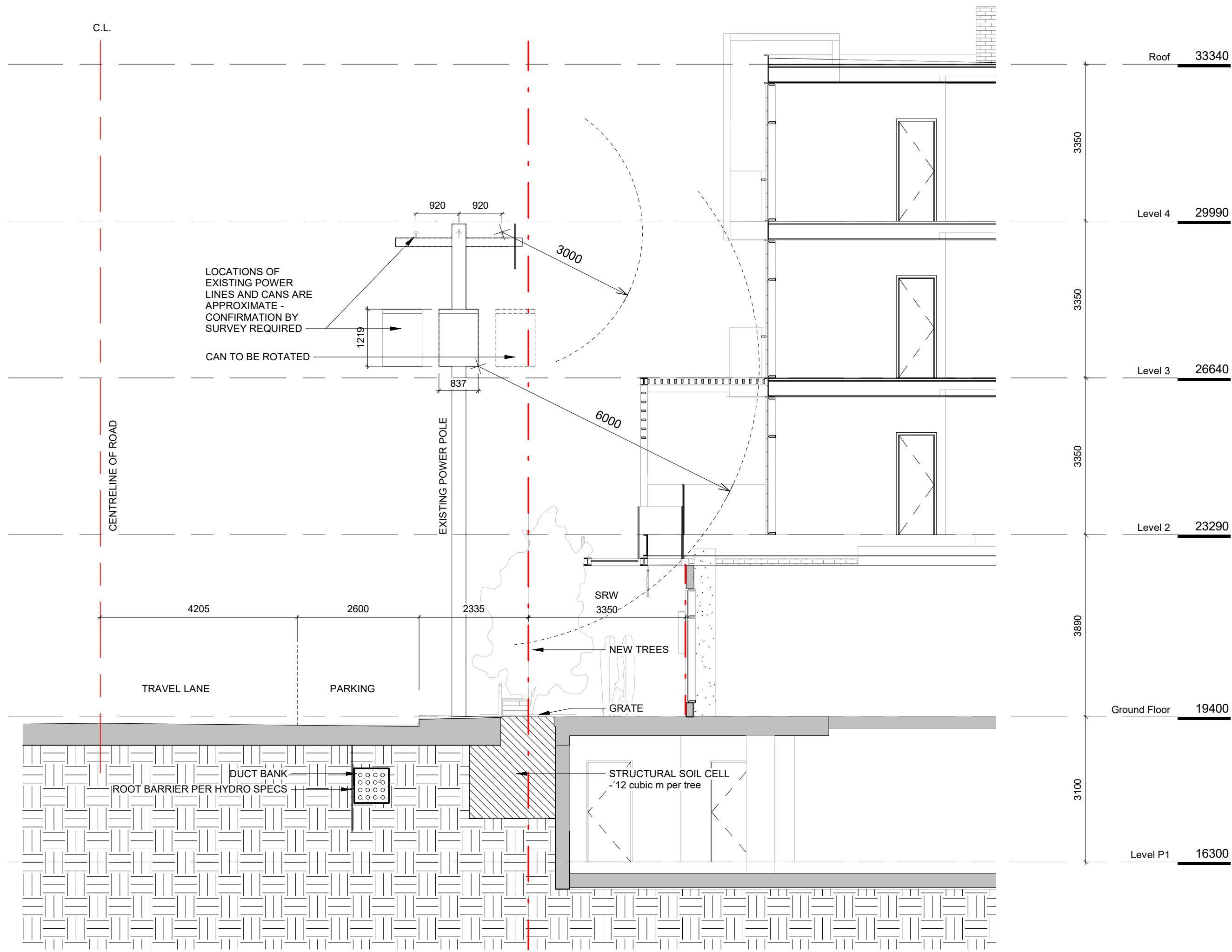
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Project		
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC		
Sheet Name		
Building Sections		
Date		
2020/04/16		
Scale	Project #	
1 : 100	1801	
Revision	April 16, 2020	3
	Sheet #	A4.00





2 Parking Ramp Section  
1 : 75



1 Street Section  
1 : 75

2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



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Project		
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC		
Sheet Name		
Context Sections		
Date		
2020/04/16		
Scale	Project #	
1 : 75	1801	
	Revision	
	March 5, 2020	2
Sheet #		A4.01





VIEW FROM CORNER OF OAK BAY AVENUE & REDFERN STREET



VIEW REDFERN STREET LOOKING TOWARDS OAK BAY AVENUE



RESIDENTIAL LOBBY



COMMERCIAL CORNER PATIO

3	Re-Zoning & DP Rev 2	April 16, 2020
2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE



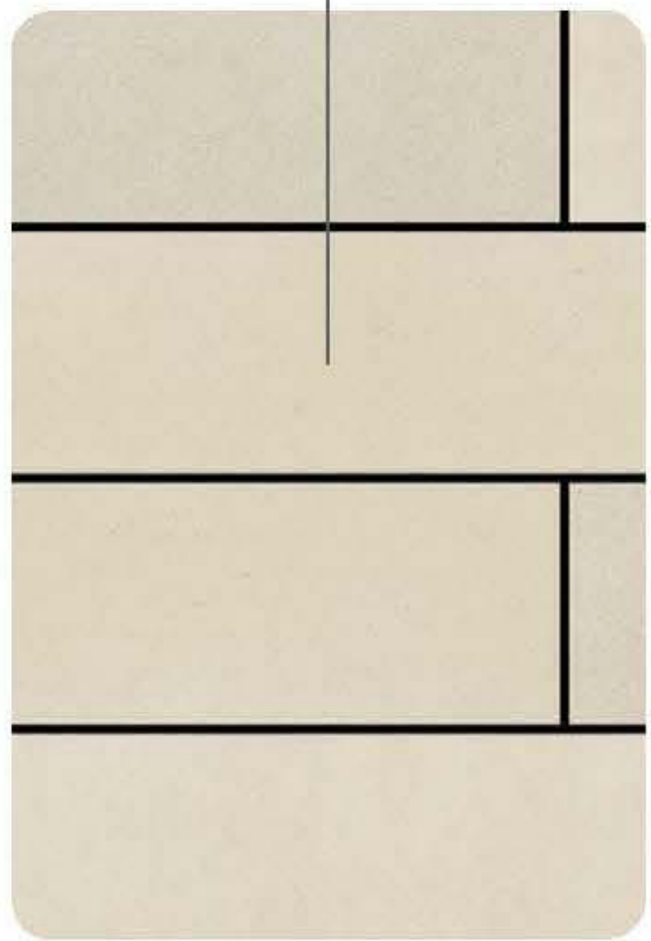
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Project		
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC		
Sheet Name		
Perspectives		
Date		
2020/04/16		
Scale	Project #	
1 : 20	1801	
Revision		
April 16, 2020		3
Sheet #		
		A9.00



PROJECT MATERIALS



PANEL



BRICK



PAVING



GLASS



CONCRETE



PLANTING

ACCENT



WOOD



METAL

CLADDING

2	Re-Zoning & DP Rev 1	March 5, 2020
1	Re-Zoning & DP	April 24, 2019
NO.	DESCRIPTION	DATE

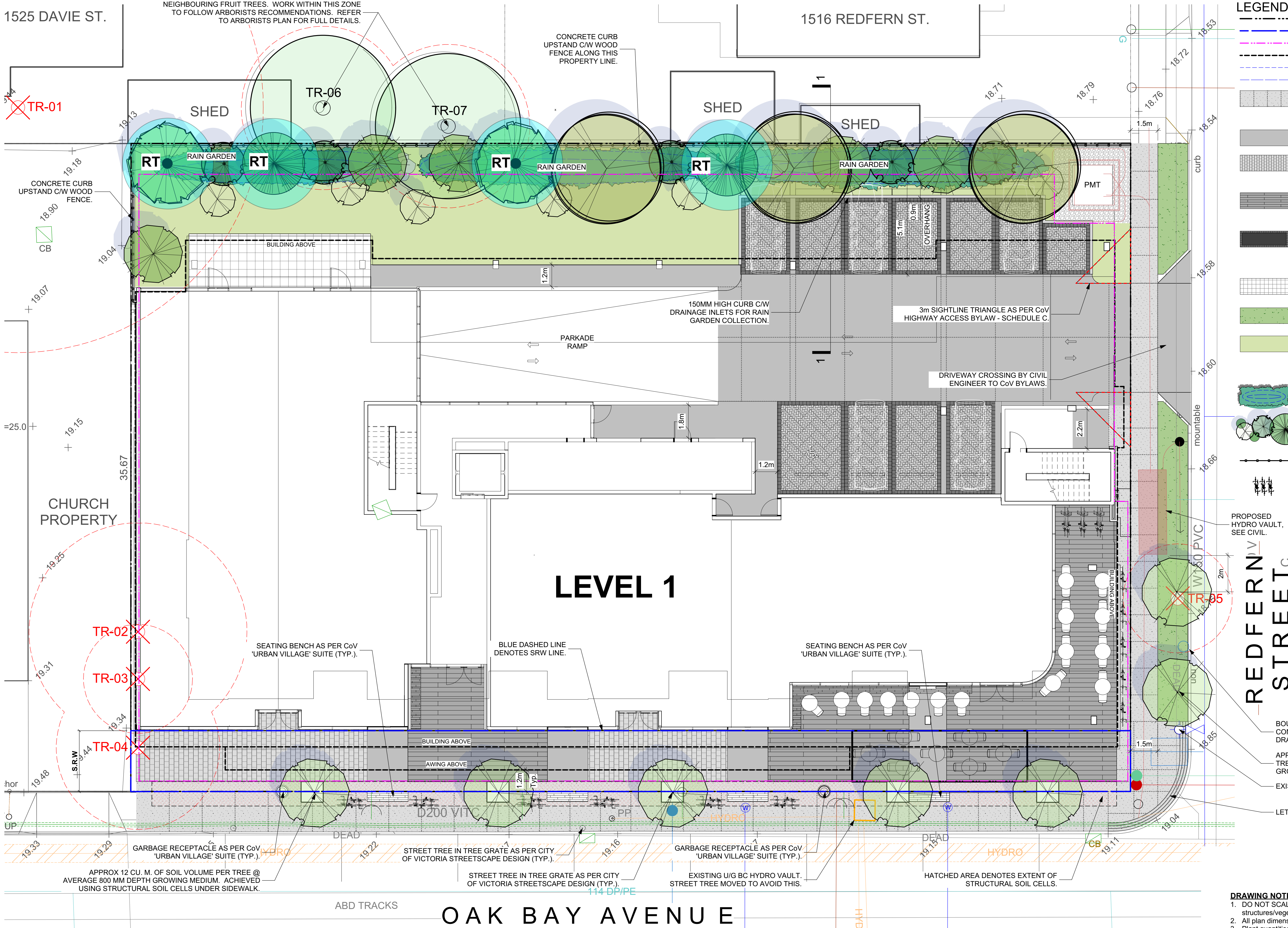


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Project		
Jawl Residential 1920 Oak Bay Ave. Oak Bay, BC		
Sheet Name		
Materials		
Date		
2020/04/16		
Scale	Project #	1801
	Revision	March 5, 2020
	2	
	Sheet #	A9.01





LEGEND

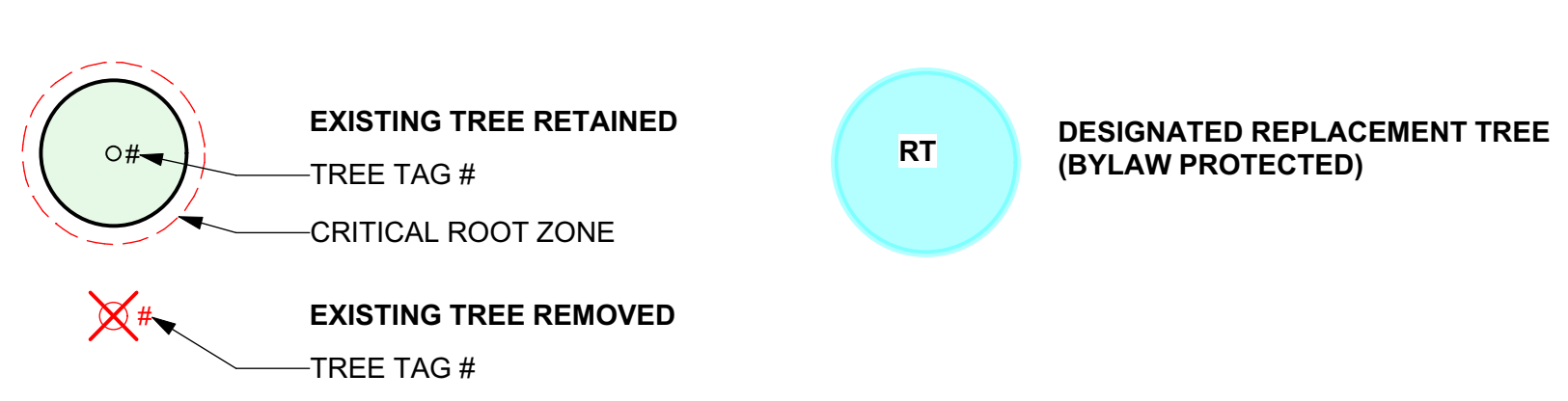
- PROPERTY LINE
- STATUTORY RIGHT OF WAY
- EXTENT OF PARKADE, BELOW
- BUILDING LINE ABOVE
- RAIN GARDEN - TOP OF POOL
- RAIN GARDEN - BOTTOM OF POOL
- MUNICIPAL SIDEWALK: CAST IN PLACE CONCRETE C/W BROOM FINISH & TOOLED CONTROL JOINTS. JOINT PATTERN AS PER CITY OF VICTORIA, SHOWN INDICATIVELY.
- CAST IN PLACE CONCRETE C/W BROOM FINISH & TOOLED CONTROL JOINTS.
- UNIT PAVING TYPE 1: STANDARD SERIES, 225x112x60MM, RUNNING BOND PERPENDICULAR TO BUILDING, COLOUR: 50% NATURAL, 50% SHADOW.
- UNIT PAVING TYPE 2: PIAZZA SERIES, 600x400x100x100MM, OFFSET RUNNING BOND PARALLEL TO BUILDING, COLOUR: CHARCOAL.
- UNIT PAVING TYPE 3 (VEHICULAR): STANDARD SERIES, 225x112x80MM, 90° HERRINGBONE C/W SOLIDER COURSE BORDER, COLOUR: SHADOW C/W CHARCOAL BORDER.
- UNIT PAVING TYPE 4 (PATIO): HYDRA-PRESSED SLAB PAVERS, TEXADA, 610x610x50MM, COLOUR: NATURAL.
- LAWN AREA
- SHRUB PLANTING AREA  
ORNAMENTAL AND AMENITY PLANTINGS. SPECIES TO INCLUDE NATIVE AND APPROPRIATE NON-NATIVE SPECIES THAT ARE ADAPTED TO SITE CONDITIONS, CLIMATE AND DESIGN INTENT.
- RAIN GARDEN AREA
- LANDSCAPE BUFFER. SEE PLANTING PLAN.
- SOLID FENCE, 1.8M HEIGHT MAX., WOOD CONSTRUCTION TO CoV BYLAW, TOP MOUNTED TO CURB.
- BIKE RACK (SEE ARCH PLANS FOR NUMBERS)
- SITE FURNISHINGS, MUNICIPAL PROPERTY:  
*The City of Victoria will provide the types, colours and specifications for the Urban Village suite of public furnishings prior to building permit submission.*

REDFERN STREET

- BOULEVARD IRRIGATION POINT OF CONNECTION. REFER TO CIVIL DRAWINGS.
- APPROX 12 CU. M. OF SOIL VOLUME PER TREE @ AVERAGE 900MM DEPTH GROWING MEDIUM.
- EXISTING FIRE HYDRANT.
- LET DOWN, REFER TO CIVIL DRAWINGS

DRAWING NOTES

- 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 quantities.
- 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.
- Contractor to provide irrigation system for all planters to current IAB Standards and Contract Specifications.
- Landscape installation to carry a 1 year warranty from date of acceptance.
- Plant material, installation and maintenance to conform to the current edition of the Canadian Landscape Standard.
- 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.
- Tree protection fencing, for existing trees, to be installed prior to commencement of all site work



TREE SUMMARY

Bylaw Protected Trees Removed:	2
New Trees Proposed Onsite:	43 (L1, L2 and Roof)
Total Replacement Trees:	4
2 - Pseudotsuga menziesii	
2 - Tsuga canadensis	

Replacement Tree ratio = 2:1 as per City of Victoria bylaws. Refer L3.01 Planting Plan for additional information. Trees will be of the appropriate scale, species and location to meet the City of Victoria requirements. Final species to be determined in consultation with City of Victoria Parks staff.

REFER TO ARBORIST'S TREE MANAGEMENT PLAN BY GYE & ASSOCIATES DATED MARCH 3rd, 2020 FOR FULL DETAILS.

3

DP/REZ. REV.2

APR.20.2020

2

DP/REZ. REV.1

MAR.05.2020

1

DP/REZONING

APR.24.2019

rev no

description

date

Murdoch de Greeff INC

Landscape Planning & Design

200 - 554 Cultural Road

Victoria, BC V8Z 1G1

Phone: 250.412.2891

Fax: 250.412.2892

April 20, 2020

client

JAWL RESIDENTIAL

project

1920 OAK BAY AVE

1920 OAK BAY AVE

VICTORIA, BC

sheet title

Landscape Materials

project no.

118.30

scale

1: 100 @ 24"x36"

drawn by

JK/JD

checked by

SM

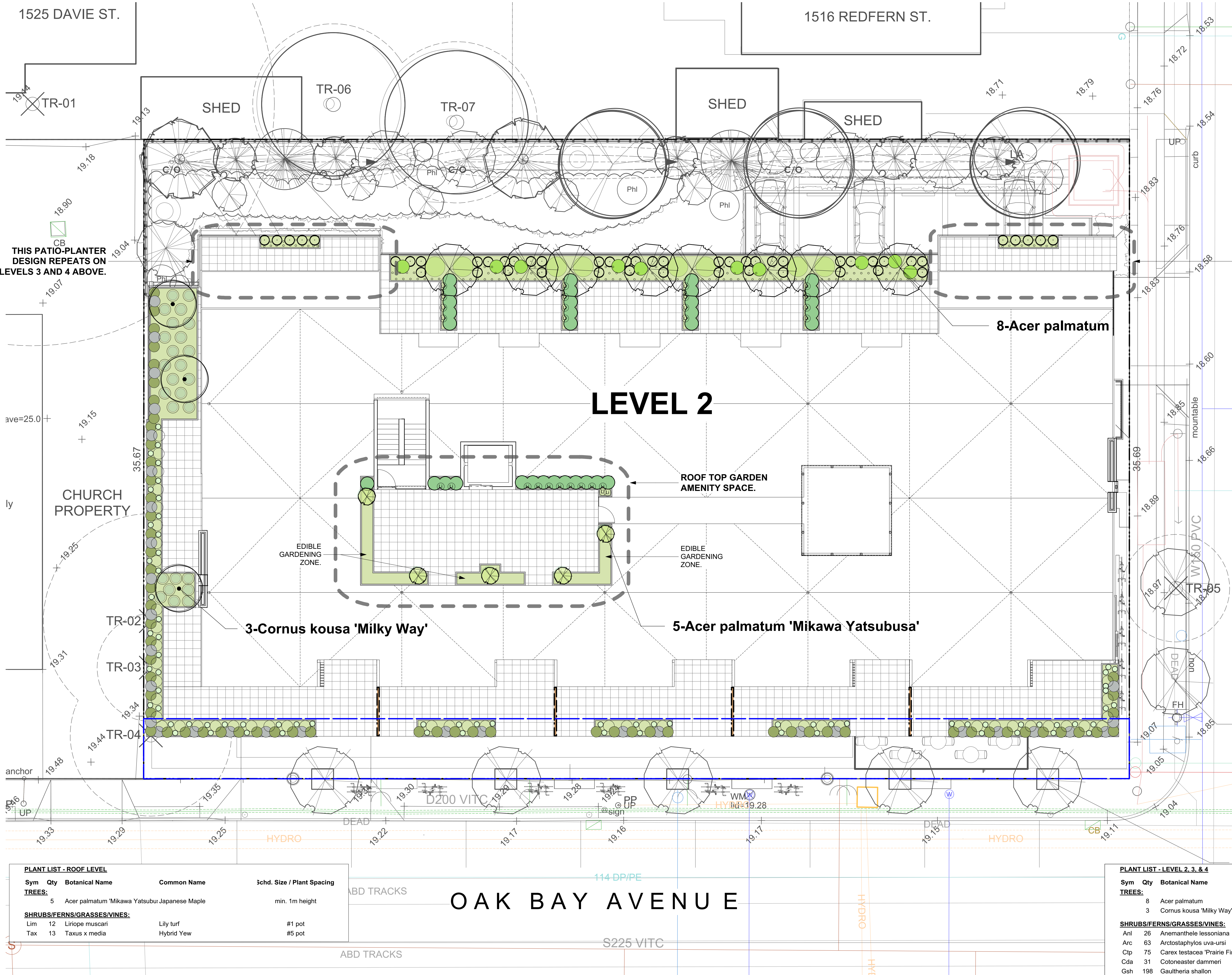
revision no.

sheet no.

3

L1.01





LEGEND	
	PROPERTY LINE
	UNIT PAVING: HYDRA-PRESSED SLAB PAVERS
	SHRUB PLANTING AREA WITHIN PRE-FABRICATED RAISED PLANTER.
	ARCHITECTURAL PRIVACY SCREEN BY OTHERS. REFER ARCH. DWGS.

**PLANTING NOTES**

- Plant quantities and species may change between issuance of DP and Construction due to plant availability and design changes.
- All planters to be filled with voiding foam or other suitable voiding material to limit maximum soil depth. Structural engineer to confirm maximum soil depth (assumed 450-600mm - TBD).
- Each patio to receive independent irrigation system for planters. Allow for hose bib connection c/w residential grade backflow device, battery controller and suitable dripline and/or micro sprays. Conceal irrigation equipment. Provide conduit sleeving through base of aluminum planters for irrigation lines.

**THIS PATIO-PLANTER DESIGN REPEATS ON LEVELS 3 AND 4 ABOVE.**

rev no	description	date
3	DP/REZ. REV.2	APR.20.2020
2	DP/REZ. REV.1	MAR.05.2020
1	DP/REZONING	APR.24.2019

**Murdoch de Greeff INC**  
Landscape Planning & Design  
200 - 554 Cultural Road  
Victoria, BC V8Z 1G1  
Phone: 250.412.2891  
Fax: 250.412.2892

April 20, 2020

client  
**JAWL RESIDENTIAL**

project  
1920 OAK BAY AVE  
1920 OAK BAY AVE  
VICTORIA, BC

sheet title  
**Level 2 Landscape Materials & Planting Plan**

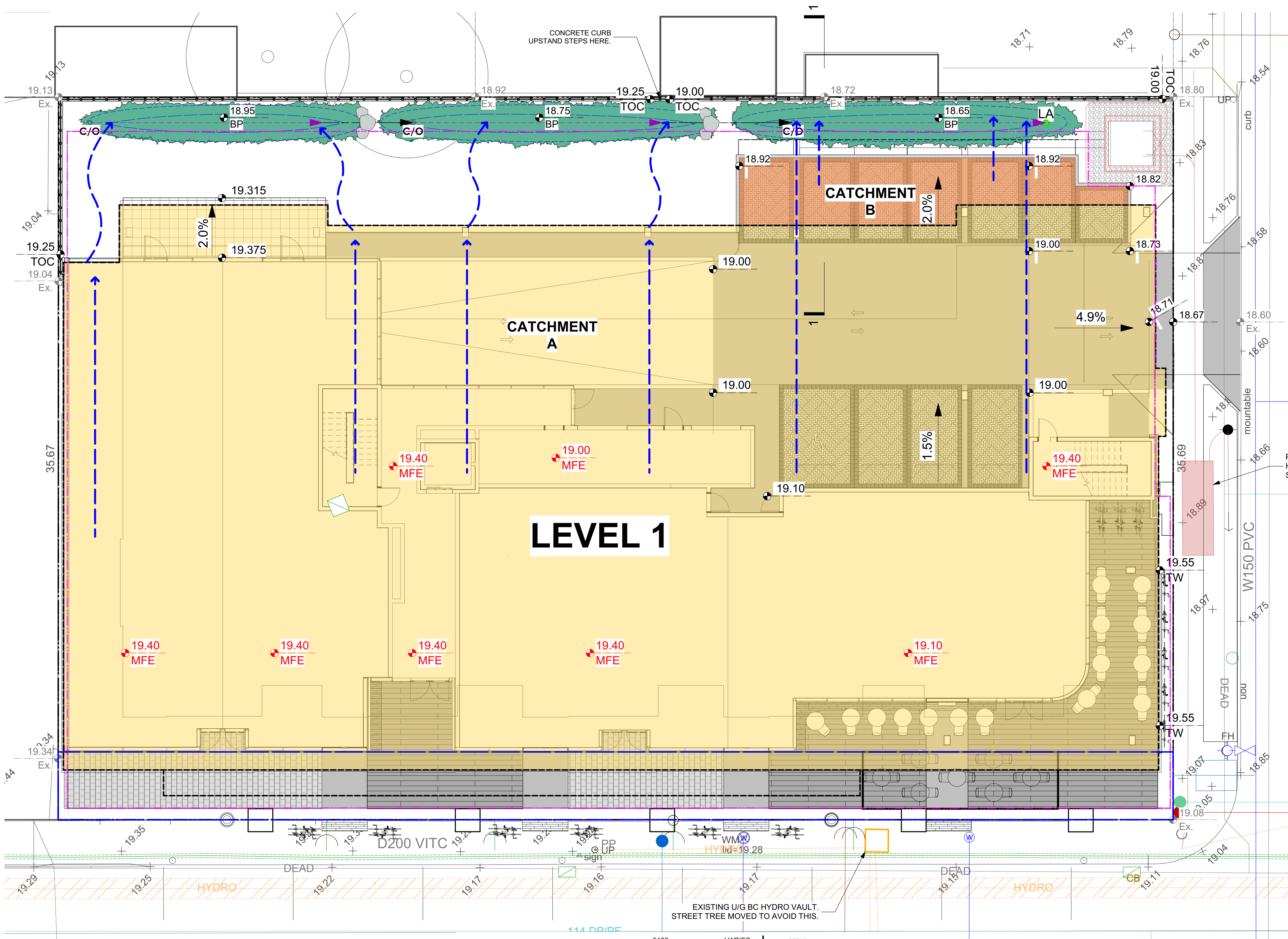
project no.	118.30
scale	1: 100 @ 24"x36"
drawn by	JK/JD
checked by	SM
revision no.	sheet no.

**3** **L1.02**

PLANT LIST - ROOF LEVEL				
Sym	Qty	Botanical Name	Common Name	3chd. Size / Plant Spacing
<b>TREES:</b>				
	5	Acer palmatum 'Mikawa Yatsubu'	Japanese Maple	min. 1m height
<b>SHRUBS/FERNS/GRASSES/VINES:</b>				
Lim	12	Liriope muscari	Lily turf	#1 pot
Tax	13	Taxus x media	Hybrid Yew	#5 pot

PLANT LIST - LEVEL 2, 3, & 4				
Sym	Qty	Botanical Name	Common Name	3chd. Size / Plant Spacing
<b>TREES:</b>				
	8	Acer palmatum	Japanese Maple	3.0m ht, b&b
	3	Cornus kousa 'Milky Way'	Milky Way Kousa Dogwood	multistem, 1.5 m ht, b&b
<b>SHRUBS/FERNS/GRASSES/VINES:</b>				
Anl	26	Anemranthe lessoniana	Pheasant's Tail Grass	#1 pot
Arc	63	Arctostaphylos uva-ursi	Kinnikinnick	#1 pot / 60 cm O.C.
Ctp	75	Carex testacea 'Prairie Fire'	Prairie Fire Sedge	Sp3
Cda	31	Cotoneaster dammeri	Bearberry	#1 pot / 50 cm O.C.
Gsh	198	Gaultheria shallon	Salal	#1 pot
Hto	70	Hebe topiaria	Topiari'st's hebe	#1 pot
Lim	16	Liriope muscari	Lily turf	#1 pot
Lp	48	Lonicera pileata	Privet Honeysuckle	#2 pot
Ma	8	Mahonia aquifolium	Oregon Grape	#3 pot
Tax	20	Taxus x media	Hybrid Yew	#5 pot
Vo	10	Vaccinium ovatum 'Thunderbird'	Evergreen Huckleberry	#1 pot
	0			





- LEGEND**
- PROPERTY LINE
  - - - EXTENT OF UNDERGROUND PARKING (INDICATIVE)
  - - - EXTENT OF ROOF / CANOPY LINE (INDICATIVE)
  - - - RAIN GARDEN - TOP OF POOL
  - - - RAIN GARDEN - BOTTOM OF POOL
  - 24.31 EXISTING LANDSCAPE GRADE
  - 23.77 ARCHITECTURAL GRADE, PROVIDED FOR REFERENCE ONLY
  - 23.75 PROPOSED LANDSCAPE GRADE
  - TW TOP OF WALL TP TOP OF POOL
  - BW BOTTOM OF WALL BP BOTTOM OF POOL
  - TOC TOP OF CURB TS TOP OF STAIRS
  - BC BOTTOM OF CURB BS BOTTOM OF STAIRS
  - RAIN GARDEN AREA
  - DRAINAGE FLOW DIRECTION
  - VEGETATED SWALE FLOW DIRECTION
  - LA RAIN GARDEN OVERFLOW DRAIN
  - c/o CLEAN-OUT DRAIN
  - PERFORATED UNDERDRAIN PIPE
  - SOLID PVC PIPE
  - CATCHMENT A ROOF RUNOFF SCUPPERED TO SWALES AND CONVEYED TO RAIN GARDENS.
  - CATCHMENT B PAVEMENT RUNOFF SURFACE FLOWS TO CURB INLETS AND INTO RAIN GARDEN.

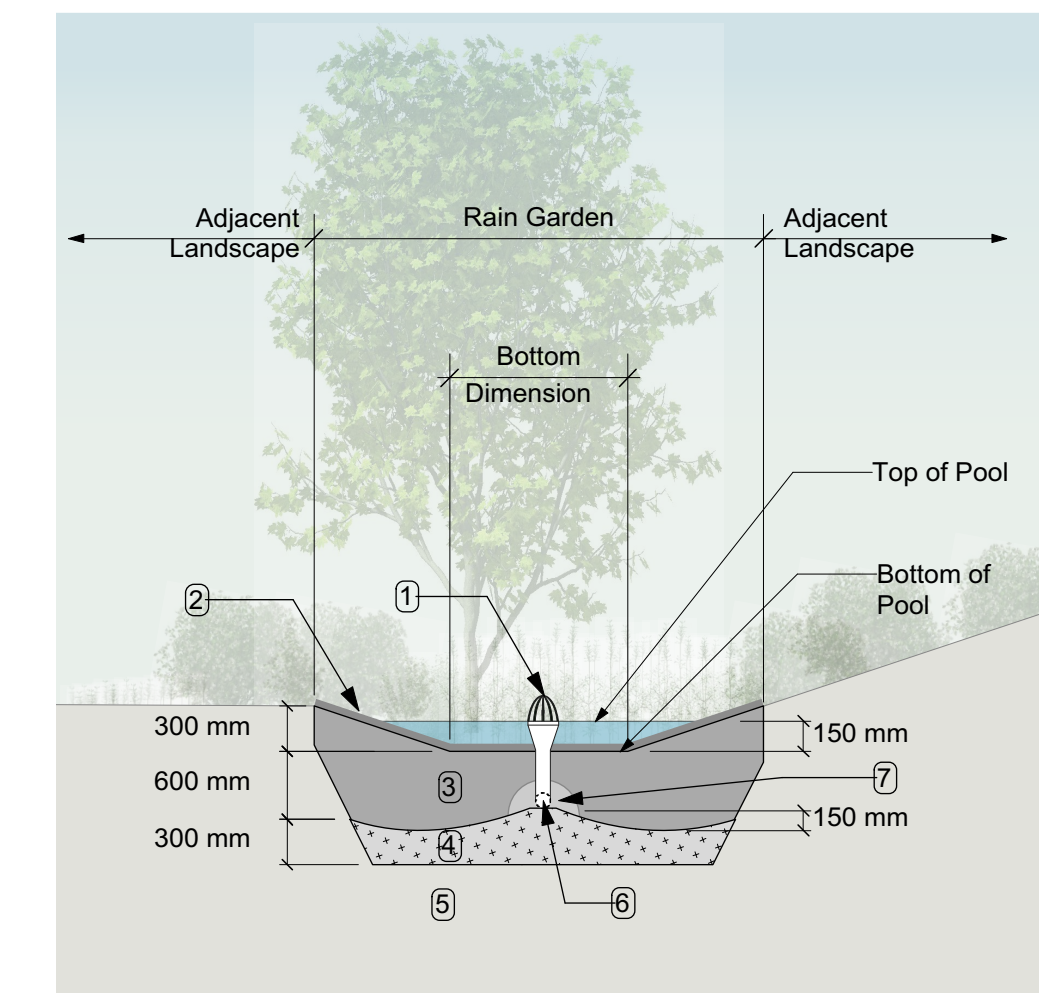
**RAIN WATER MANAGEMENT NOTES**

WATER COLLECTED FROM THE BUILDING ROOF AND REAR PARKING AREA FLOW TO RAIN GARDENS LOCATED AT THE NORTH OF THE SITE.

THE RAIN GARDENS ARE SIZED SUCH THAT THE BOTTOM OF THE RAIN GARDEN IS A MINIMUM OF 5% OF THE IMPERVIOUS AREA (AS PER CITY OF VICTORIA STORMWATER GUIDELINES).

RAIN GARDENS WILL BE DESIGNED WITH UNDERDRAINS AND A HIGH CAPACITY OVERFLOW DRAIN THAT WILL BE CONNECTED TO THE ONSITE PIPED DRAINAGE SYSTEM.

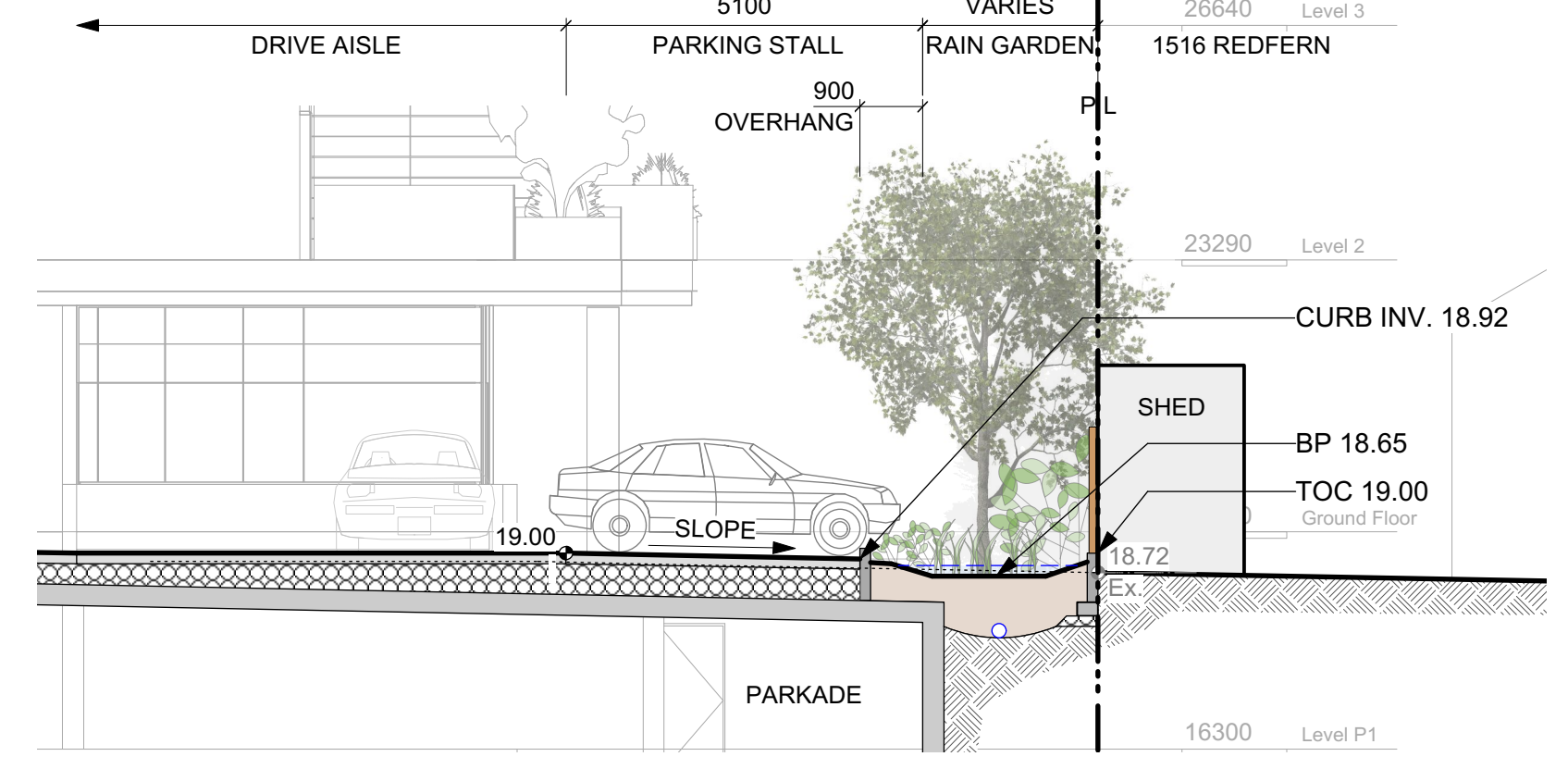
RAIN GARDENS ARE INTEGRATED BUILDING LANDSCAPES AND ARE DESIGNED TO CAPTURE, SLOW FLOWS, AND TREAT (CLEAN) RUNOFF.



- RAIN GARDEN MATERIALS**
1. Overflow drain, 200 mm domed grate + adapter
  2. Composted mulch, 50-70 mm depth
  3. Bio-retention growing medium, 600 mm depth
  4. Scarified/tilled subgrade, 300 mm depth
  5. Existing subgrade/native material
  6. 100 mm diameter (min) perforated pipe
  7. 25 mm diameter drain rock, 100 mm depth

**TYPICAL RAIN GARDEN DETAIL**  
Scale: 1:50

- GRADING NOTES**
1. All elevations are in meters.
  2. Refer to Architectural plans, sections and elevations for top of slab elevations. Slab elevations indicated on Landscape drawings are for reference only. Report any discrepancies to consultant for review and response.
  3. All road, public walkway and vehicular drive aisles and parking area elevations indicated on the Landscape drawings are for reference only. Refer to Civil Engineering drawings. 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, to rain gardens, or to drainage devices.
  6. All landscape areas shall not exceed a maximum slope of 3:1 in all instances.
  7. Upon discovery, contractor to refrain from blasting rock to meet landscape subgrades. Contractor to contact Landscape Architect on how to proceed in each instance.



**SECTION THROUGH NORTH RAIN GARDEN**  
Scale: 1:100

# OAK BAY AVENUE



3	DP/REZ. REV.2	APR.20.2020
2	DP/REZ. REV.1	MAR.05.2020
1	DP/REZONING	APR.24.2019
rev no	description	date

**Murdoch de Greeff INC**  
Landscape Planning & Design  
200 - 554 Cuthbert Road  
Victoria, BC V6Z 1G1  
Phone: 250.412.2891  
Fax: 250.412.2892

April 20, 2020

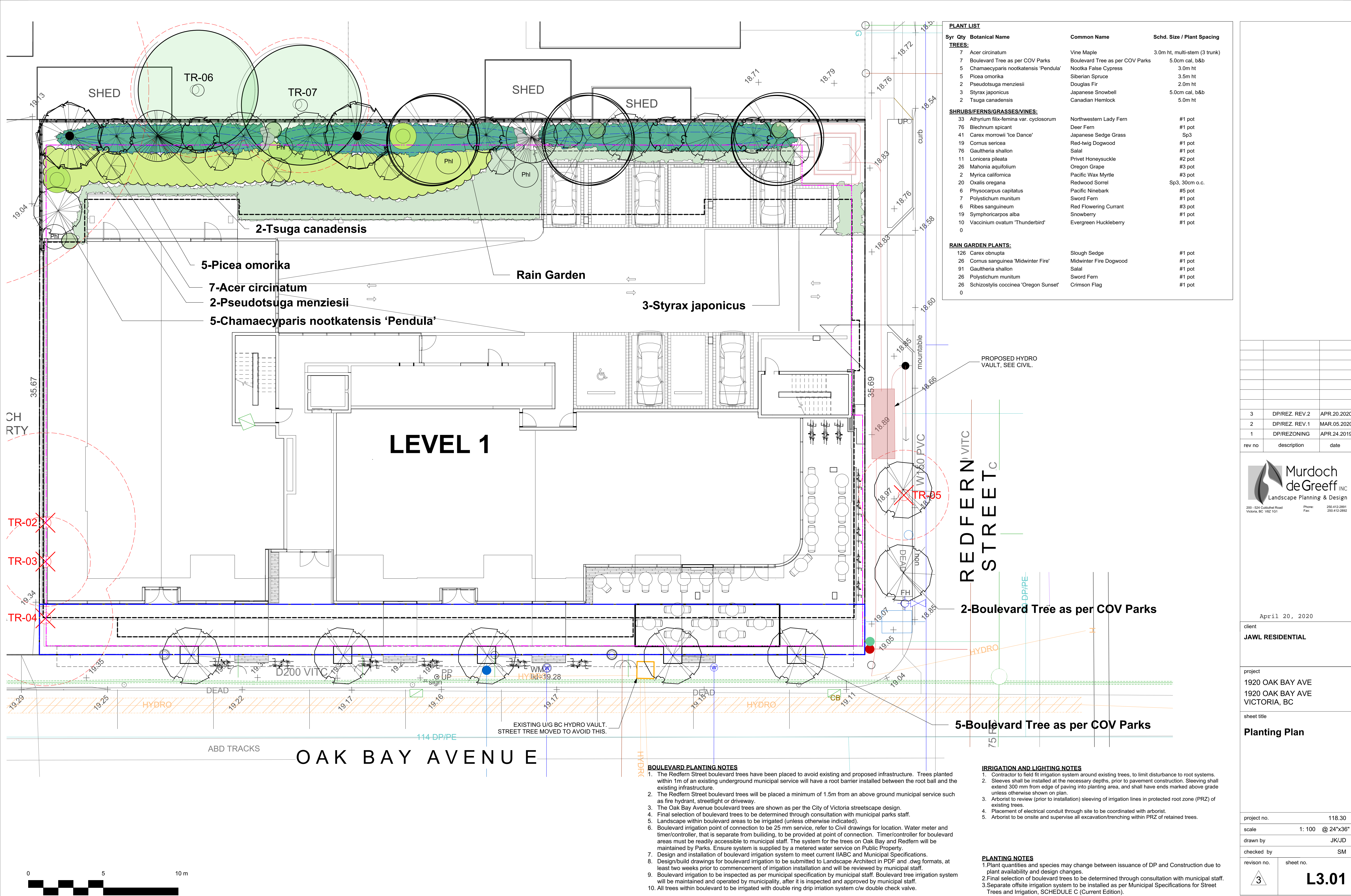
client  
**JAWL RESIDENTIAL**

project  
1920 OAK BAY AVE  
1920 OAK BAY AVE  
VICTORIA, BC

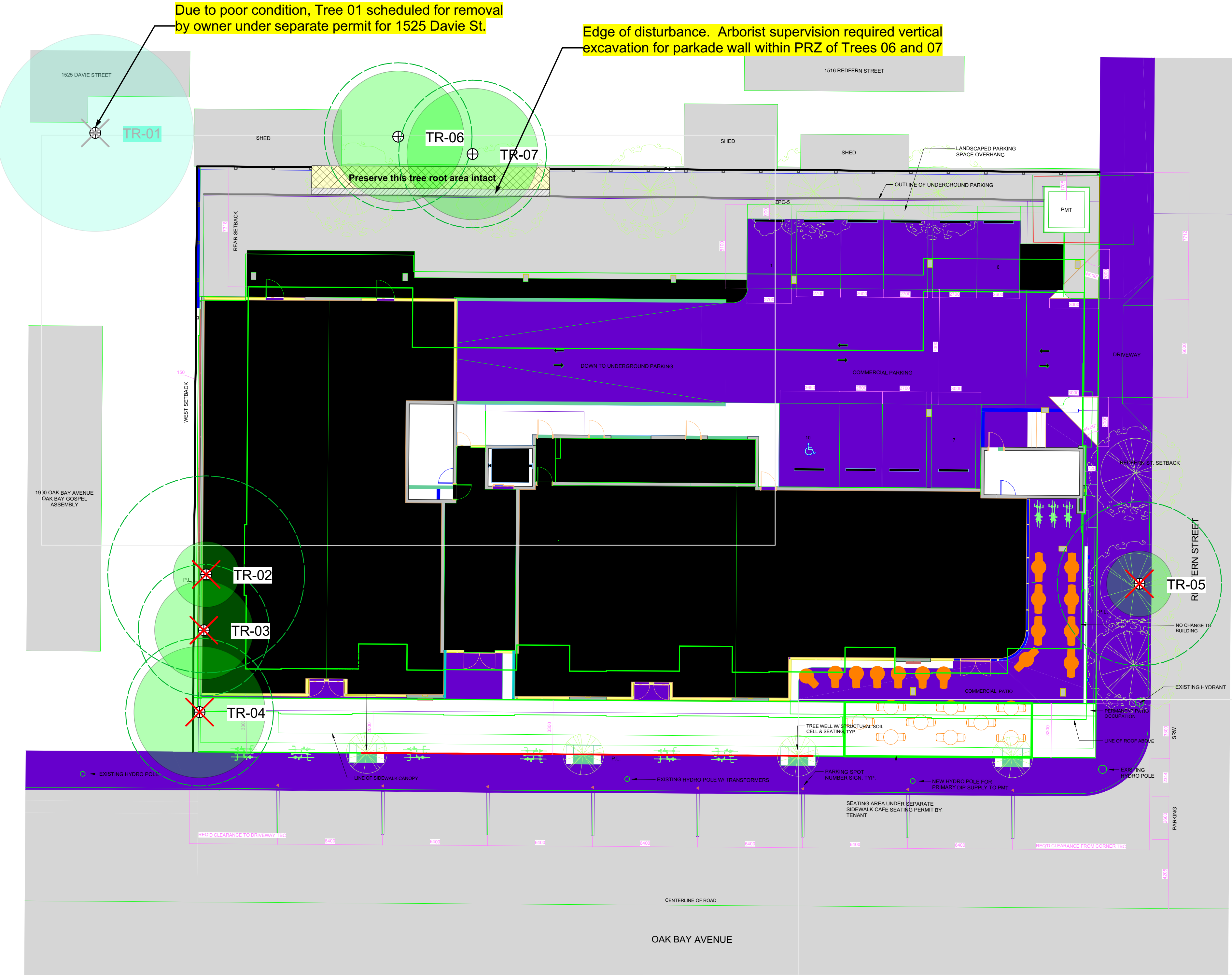
sheet title  
**Stormwater Management**

project no.	118.30
scale	1: 100 @ 24"x36"
drawn by	JK/JD
checked by	SM
revision no.	sheet no.
3	<b>L1.03</b>









GENERAL NOTE

All on-site trees and two off-site tree are proposed for removal, due to the built out scope of the site plan (boundary-to-boundary). As such, typical protection measures, such as fencing and signage, are not required. **It is assumed that site hoarding will be erected around the entire perimeter of the site.** Arborist supervision will be required in order to minimize root impacts to two off-site fruit trees (Trees 06 and 07).

Given the limited extent of tree retention and arborist involvement on this project, no written report has been prepared, apart from the notes on this plan.

TREE PRESERVATION MEASURES

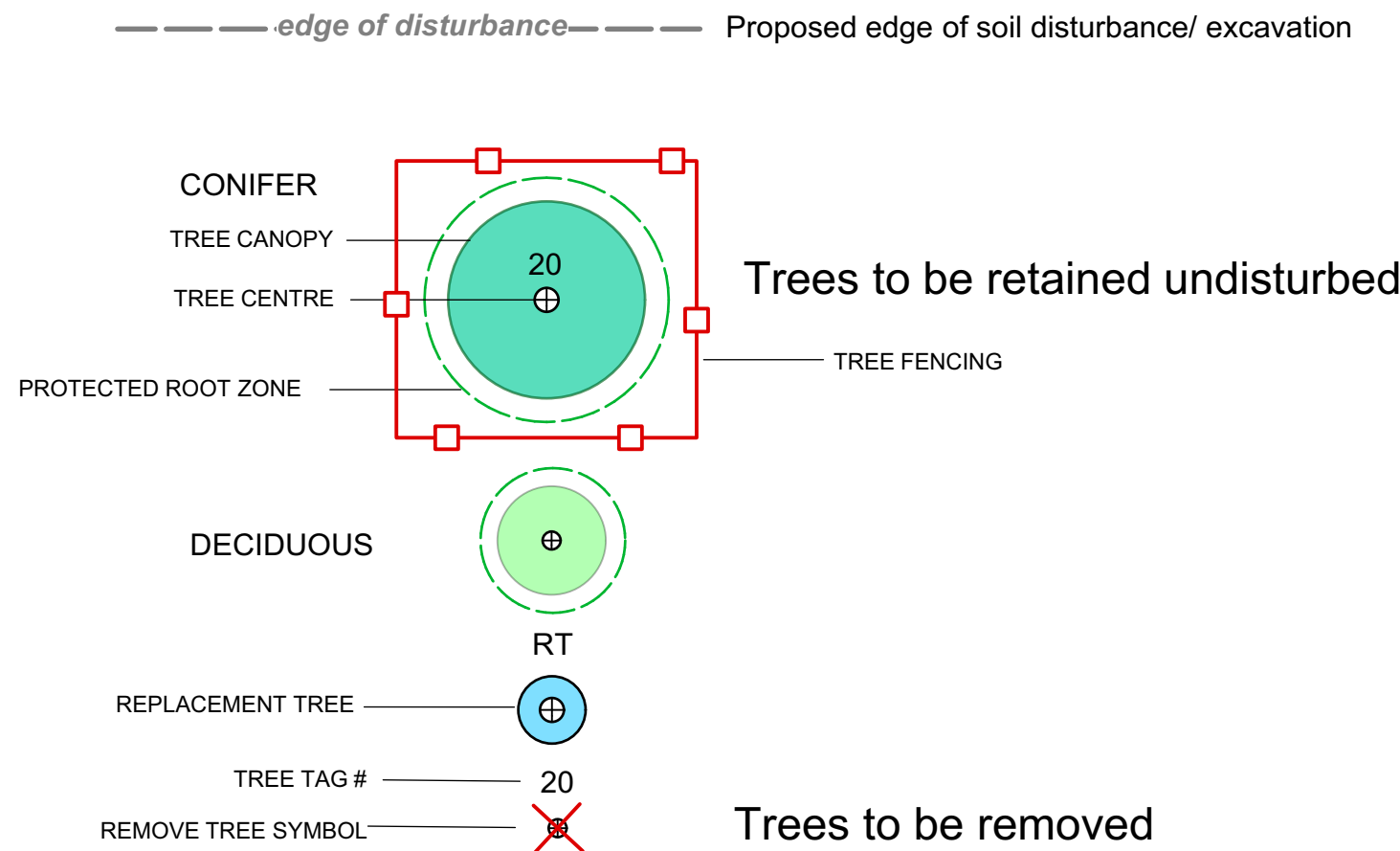
- Start-up meeting:** Before demolition, site servicing or other site work commences, the owner and contractor shall meet with the arborist to review the Tree Protection Plan.
- Tree protection fencing:** No protective tree fencing is required on this project.
- Arborist supervision of site works:** The arborist shall be present to oversee stump removal, excavation, sub-grading, lane or pathway base preparation, service trenching, blasting or any other form of disturbance within, or adjacent to, the off-site tree protection area (TPA) for Tree 01. Any tree roots or branches damaged shall be pruned back to undamaged tissue by the arborist.
- Covering excavated cuts:** Any excavated cut within or adjacent to the TPA shall be securely covered with heavy-gauge plastic to prevent soil desiccation and erosion.
- Site monitoring:** The Project Arborist shall monitor the site on a regular basis during the site preparation, construction and landscaping phases to ensure ongoing and effective compliance with the tree protection measures specified in this tree plan and in on-site meetings with the General Contractor and relevant consultants and sub-contractors.
- Pre-blasting meeting:** If rock blasting is required, the General Contractor and blasting sub-contractor shall meet with the arborist to review the blasting plan prior to drilling. Modified blasting practices or rock removal techniques shall be utilized where considered necessary by the arborist to minimize blasting impacts to protected trees.
- Replacement tree requirements:** Four (4) replacement trees shall be planted on the subject property as indicated on the Tree Plan. All replacement trees shall meet or exceed the minimum size requirements set forth in Section 44 of the City's tree bylaw (1.5m in height or 4cm caliper). See Landscape Planting Plans for details. If there are an insufficient number of plantable spaces available to accommodate all replacement trees, the applicant may discuss a cash-in-lieu payment to the City for trees surplus to requirements.
- Plan posting:** A full-size all-weather copy of the Tree Plan shall be posted in the site office in plain site.
- Post-construction inspection and sign-off:** A post-construction inspection and assessment of the site and protected trees shall be conducted by the Project Arborist in the company of the General Contractor. Any deficiencies will be identified. Once all deficiencies have been addressed to the satisfaction of the Project Arborist and the City of Victoria, a post-construction letter of completion will be prepared by the arborist and submitted to the City.

TREE TABLE									
G&A Tree ID	Common Name	DBH (cm)	PRZr (m)	Crown Radius (m)	Health	Structural Condition	Bylaw Protected Tree?	Comments	Recommendations
01	Garry oak	90	13.5	6	Poor	Fair	Yes	Off-site tree (no tag)	Remove
02	Sycamore maple	10+10+10+5+5+5	6	2	Fair	Poor	Yes	On-site tree (no tag)	Remove
03	Silver birch	15+15	4	3	Good	Good	No	On-site tree (no tag)	Remove
04	Sweetgum	30	4.5	4	Good	Fair	Yes	On-site tree (no tag)	Remove
05	Flowering cherry	17	3	2	Good	Good	No	Boulevard tree (no tag)	Remove
06	Flowering apple	30	4.5	4	Fair	Good	Yes	Off-site tree (no tag)	Protect
07	Fruiting plum	30	4.5	4	Good	Good	Yes	Off-site tree (no tag)	Protect

SUMMARY TREE STATISTICS

CATEGORY	# OF TREES
<b>Total number of trees inventoried</b>	<b>7</b>
On site trees	3
(Bylaw protected trees)	(2)
Off-site trees	3
Boulevard (municipal) trees	1
<b>Total number of trees to be retained</b>	<b>2</b>
On-site bylaw-protected trees to be retained	0
Off-site trees to be retained	2
Boulevard trees to be retained	0
<b>Total number of trees to be removed</b>	<b>4</b>
On-site bylaw-protected trees to be removed	2
On-site non-bylaw protected trees to be removed	1
Off-site bylaw-protected trees to be removed (by owner)	1
Boulevard (municipal) trees to be removed	1
<b>Total number of replacement trees required</b>	<b>4</b>

LEGEND

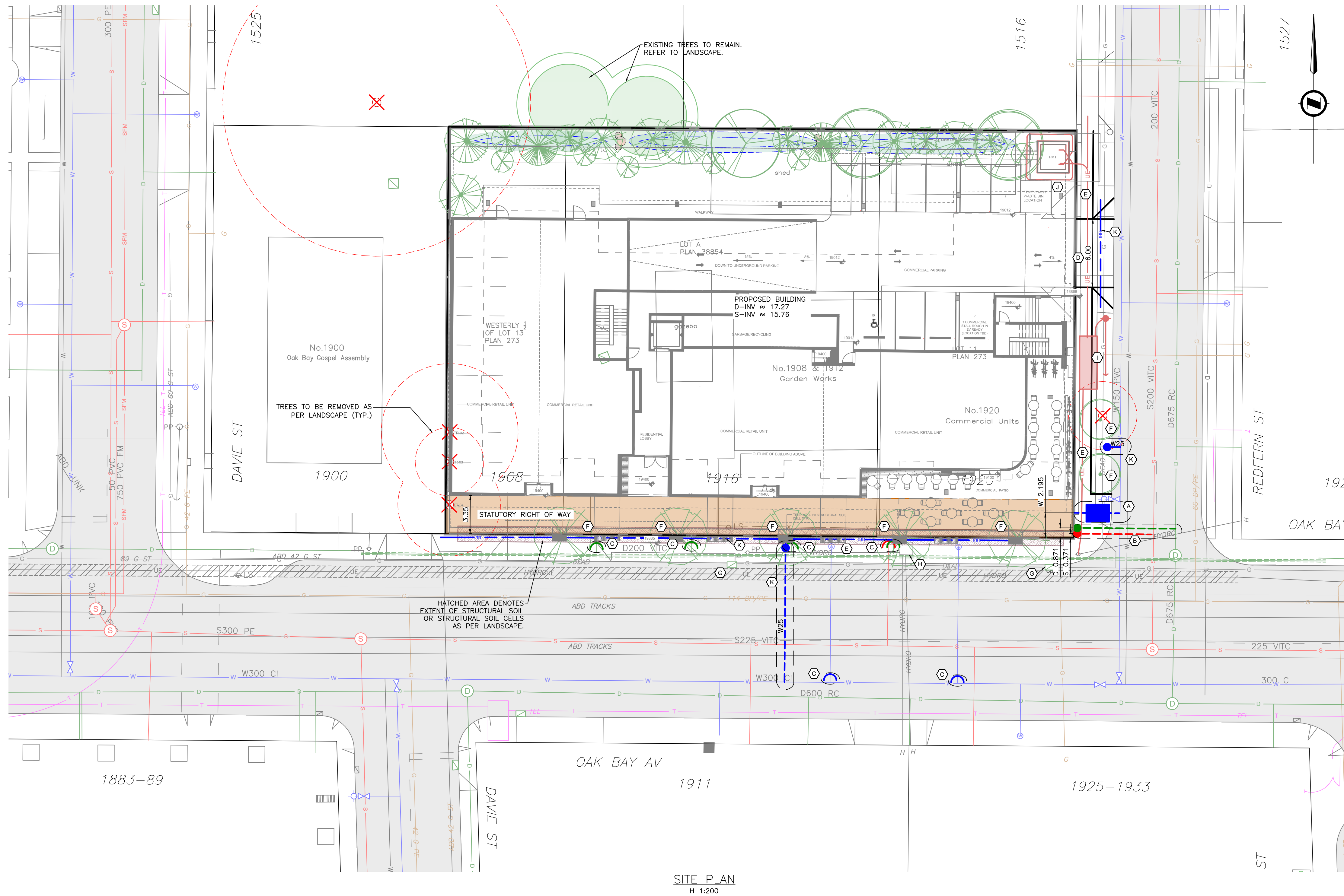


PROJECT  
1920 Oak Bay Avenue,  
Victoria, BC

SHEET TITLE  
Tree Management Plan

0	FOR REVIEW	
REV NO	DESCRIPTION	DATE
PROJECT NO. 20-002		
DATE March 3, 2020		
SCALE 1:150		
DRAWN BY JG		
SHEET NO.		





- SHEET NOTES:**
- (A) CITY OF VICTORIA TO INSTALL 150mm FIRE AND 100mm DOMESTIC WATER SERVICE AT DEVELOPERS EXPENSE.
  - (B) CITY OF VICTORIA TO INSTALL 150mm SANITARY AND DRAIN SERVICE COMPLETE WITH INSPECTION CHAMBERS AT DEVELOPERS EXPENSE.
  - (C) CITY OF VICTORIA TO CAP EXISTING SERVICES AT DEVELOPERS EXPENSE.
  - (D) CONTRACTOR TO INSTALL 6.0m DRIVEWAY TO CITY OF VICTORIA STANDARDS.
  - (E) CONTRACTOR TO REMOVE EXISTING SIDEWALK AS NEEDED AND INSTALL NEW SIDEWALK TO CITY OF VICTORIA STANDARDS.
  - (F) CONTRACTOR TO INSTALL NEW BOULEVARD TREES. SEE LANDSCAPE DESIGN.
  - (G) CONTRACTOR TO REINSTATE CATCHBASINS AS NEEDED.
  - (H) BC HYDRO TO ADJUST LID AT DEVELOPERS EXPENSE.
  - (I) BC HYDRO TO INSTALL HYDRO POLE, VAULT AND UNDERGROUND SERVICING AT DEVELOPERS EXPENSE.
  - (J) CONTRACTOR TO COORDINATE WITH UTILITY AS REQUIRED.
  - (K) CONTRACTOR TO INSTALL IRRIGATION SERVICES AND SLEEVES AS REQUIRED.



KEY PLAN  
NTS

OAK BAY AVE & REDFERN  
PRELIMINARY SERVICING

Scale  
horiz. 1:200  
Sheet 1 of 1  
Eng. Project No. 31757

**JEA** J E ANDERSON &  
ASSOCIATES  
SURVEYORS - ENGINEERS  
VICTORIA NANAIMO PARKSVILLE CAMPBELL RIVER  
PHONE: 250-727-2214 info@jeanderson.com

ISSUED FOR DEVELOPMENT PERMIT

