

THE TERRACES (PHASE-2) Proposed Townhouse Development

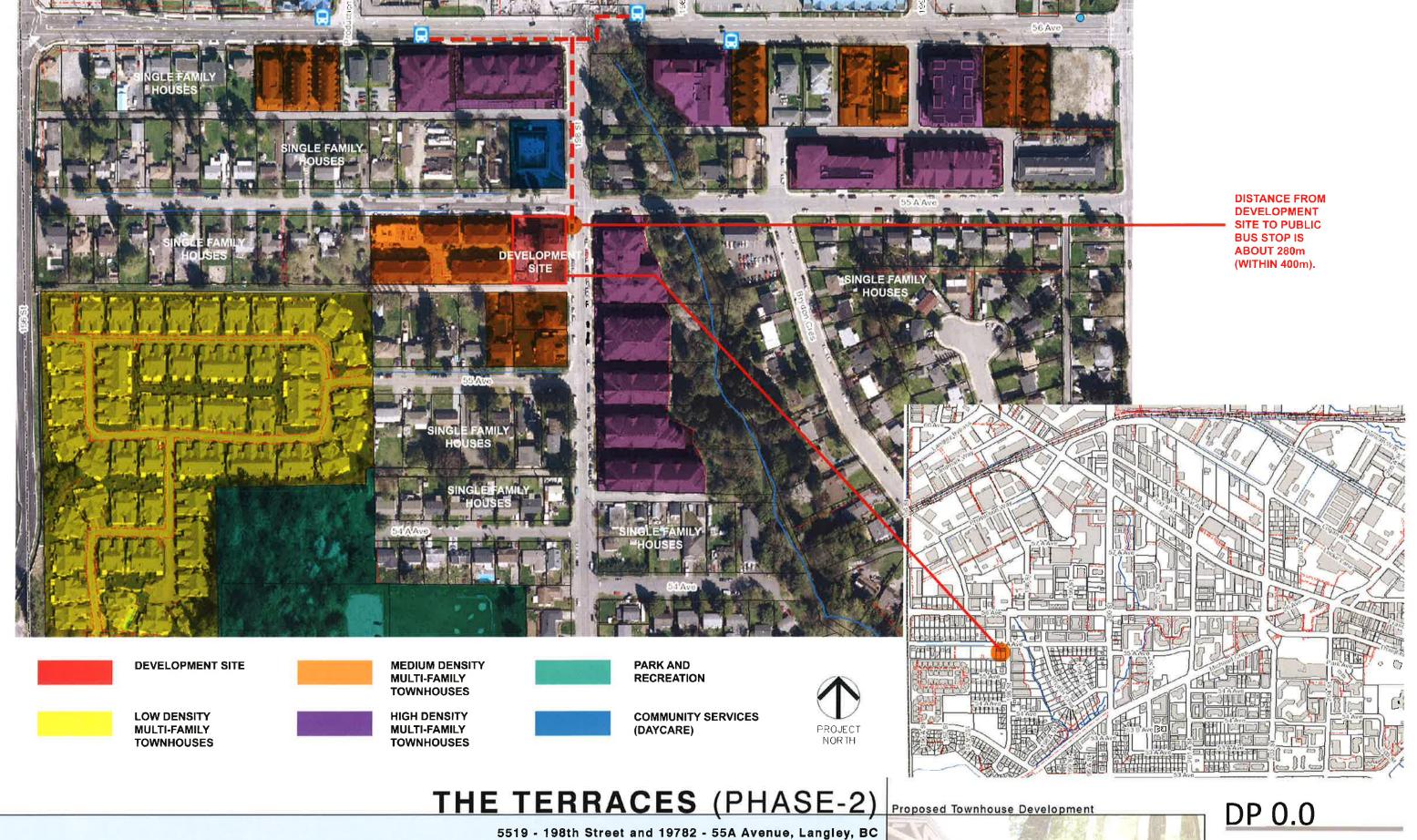
5519 - 198th Street and 19782 - 55A Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC.

MAY 5th, 2017



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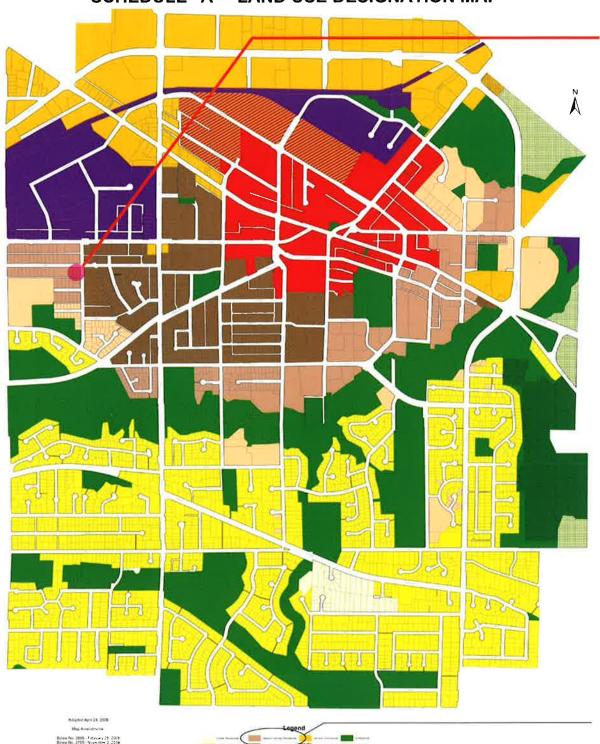
ATELIER PACIFIC ARCHITECTURE INC.

MAY 5th, 2017



CONTEXT PLAN
NEIGHBOURHOOD ANALYSIS
SCALE: N.T.S.

CITY OF LANGLEY OFFICIAL COMMUNITY PLAN BYLAW, 2005, NO. 2600 SCHEDULE "A" - LAND USE DESIGNATION MAP



PROPOSED SITE IS LOCATED ON THE MEDIUM DENSITY RESIDENTIAL AREA (SHOWN ON THE OFFICIAL COMMUNITY PLAN)

CITY OF LANGLEY OFFICIAL COMMUNITY PLAN BYLAW, 2005, NO. 2600

- THE PURPOSE OF THE OFFICIAL COMMUNITY PLAN IS TO GUIDE DECISION-MAKING BY OFFERING A LONG RANGE OUTLOOK ON THE CITY'S DEVELOPMENT.
- · PROVIDES PROPERTY OWNERS AND DEVELOPERS WITH A REASONABLE DEGREE OF CERTAINTY CONCERNING LAND USE POLICIES AND FUTURE FORM AND CHARACTER OF DIFFERENT AREAS OF THE CITY.
- THE SUBJECT PROPERTY IS CURRENTLY DESIGNATED "MEDIUM DENSITY RESIDENTIAL" IN THE CITY'S OFFICIAL COMMUNITY PLAN.
- · MEDIUM DENSITY RESIDENTIAL ALLOWS A DENSITY OF 70 UNITS PER ACRE (173 UNITS PER HECT-ARE) AND A BUILDING HEIGHT OF 4 STOREYS.
- THEREFORE, BASED UPON THE LOT AREA OF 0.491 ACRES, 17 MULTIPLE FAMILY RESIDENTIAL UNITS WOULD COMPLY WITH THE EXISTING CITY OCP BYLAW DESIGNATION.
- · THE PROPOSED DEVELOPMENT CONSISTS OF 17 UNITS, A BUILDING HEIGHT OF 3 STOREYS AND 4 STOREYS.

	ALLOWED	PROPOSED
DENSITY	70 UNITS/ACRE	34.6 UNITS/ACRE
NUMBER OF UNIT	34.3 UNITS	17 UNITS
BUILDING HEIGHT	4 STOREY	3 AND 4 STOREY

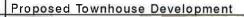
MEDIUM DENSITY RESIDENTIAL

THE TERRACES (PHASE-2)

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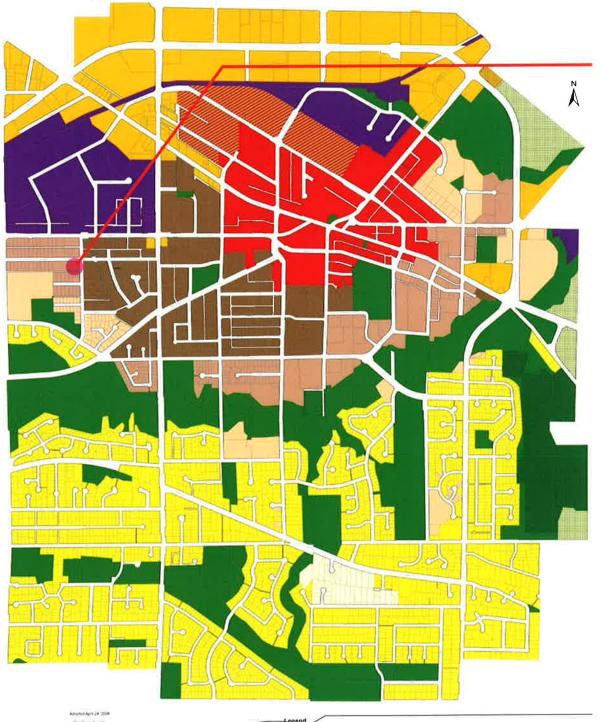
MAY 5th, 2017



DP 0.0a

OFFICIAL COMMUNITY PLAN COMPLIANCE

CITY OF LANGLEY OFFICIAL COMMUNITY PLAN BYLAW, 2005, NO. 2600 SCHEDULE "A" - LAND USE DESIGNATION MAP



PROPOSED SITE IS LOCATED ON THE MEDIUM DENSITY RESIDENTIAL AREA (SHOWN ON THE OFFICIAL COMMUNITY PLAN)

CITY OF LANGLEY OFFICAL COMMUNITY PLAN BYLAW, 2005, NO. 2600

THE CITY'S OCP BYLAW STATES:

- "TOWNHOUSE UNITS SHOULD BE ORIENTED TOWARD PUBLIC ROADS"
- "VEHICLE ACCESS SHOULD BE PROVIDED FROM INTERNAL ROADS OR LANES"
- "AVOID PRESENTING GARAGE ENTRANCES TO PUBLIC ROADS WHERE POSSIBLE"
- THEREFORE, THE PROPOSED DEVELOPMENT COMPLIES WITH THE CITY OF LANGLEY'S OFFICIAL COMMUNITY PLAN BYLAW.

MEDIUM DENSITY RESIDENTIAL

THE TERRACES (PHASE-2)

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DP 0.0b

OFFICIAL COMMUNITY PLAN COMPLIANCE

OFFICIAL COMMUNITY PLAN COMPLIANCE:

- MEDIUM DENSITY RESIDENTIAL=173 UNITS/HECTARE OR 34.3 UNITS ALLOWED, 17 UNITS PROPOSED;
- ENHANCE PUBLIC SIDEWALK STREETSCAPE AND PROVIDE ATTRACTIVE ENVIRONMENT FOR WALKWAYS, PORCH STATEMENTS AND LANDSCAPING;
- PEDESTRIAN SAFETY, ACCESSIBILITY AND VISIBILITY AT CROSSINGS THROUGH DEMARKED CROSSINGS AND MATERIAL CHANGES;
- SECURE BICYCLE PARKING FACILITIES PROVIDED IN EACH UNIT;
- ENHANCE NEIGHBORHOOD IMAGE AND PROTECT NEIGHBORHOOD STABILITY THROUGH STRATA AND PRIDE OF OWNERSHIP;
- GROUND ORIENTED UNITS FACING MUNICIPAL STREETS;

TRAFFIC/ CALMING & PARKING:

- ROAD WIDTH REDUCTION IN THE ULTIMATE CROSS-SECTION ALONG 55 AVENUE TO SLOW DOWN MOTORISTS, AS WELL AS A CORNER BULB AT 55A AVE AND 198TH STREET;
- CREATE ON-STREET PARKING POCKETS ALONG 55A AVENUE AND 198 STREET;

CRIME PREVENTION TRHOUGH ENVIRONMENTAL DESIGN *:

- THE OVERALL DESIGN THEME IS POSITIVE AND WILL PROJECT A SENSE OF OBSERVATION/ NATURAL SURVEILLANCE AND TERRITORIALITY ONTO THE LANE, 198th STREET AND 55A AVENUE;
- THE DEVELOPMENT WILL REMOVE TWO (2) EXISTING UNSIGHTLY PROPERTIES THAT PROJECT A SENSE OF DISORDER TO THE TRANSITIONING NEIGHBOURHOOD;
- NATURAL SURVEILLANCE AND ACCESS CONTROL THROUGH EYES ON THE STREET WINDOWS FACING YARDS, STREETS/ INTERNAL ROADS;
- COVERED GARAGES HAVE DOORS FACING TOWNHOUSE WHERE POSSIBLE;
- GARAGE DOORS WILL BE OVERLOOKED FROM TOWNHOUSES AND THE PUBLIC REALM;
- WRAP THE UTILITY BOX IN A LAMINATE TO RESIST GRAFFITI AND MAKE CLEAN UP EASIER;
- WOOD FENCE ON THE WEST SIDE OF THE PROPERTY TO DELINEATE THE PROPERTY LINE AND DETER INTRUDERS;
- PAVING STONE WALKWAY ALONG NORTHERN MOST DRIVEWAYS WILL INCREASE PEDESTRIAN TRAFFIC AND CREATE A SAFER SPACE;

*SEE PROVIDED "CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN REPORT.



SUSTAINABILITY FEATURES:

- STORM WATER MANAGEMENT TO MITIGATE AGAINST FLOODING AND HABITAT DESTRUCTION;
- DESIGNED TO PREVENT GROUND WATER CONTAMINATION:
- NO ADDITIONAL EXTERIOR LIGHTING TO CONTROL LIGHT POLLUTION CREATED;
- LIGHT COLOR PAVING MATERIAL ON ROOF DECK TO REDUCE HEAT ISLAND AFFECT;
- DROUGHT TOLERATE PLANTS ARE PROPOSED TO MITIGATE IRRIGATION;
- IRRIGATION SYSTEM, IF REQUIRED;
- WATER CONSERVATION THROUGH DUAL FLUSH TOILETS.

AESTHETICS / BUILDING COMPLIANCE:

- BUILDING DESIGN AND SITE PLANNING SHOULD COMPLEMENT ADJACENT MULTIFAMILY RESIDENTIAL DEVELOPMENT;
- HIGH QUALITY EXTERIOR FINISHES (HARDIE AND BRICKS) WILL BE USED TO ENSURE THE INTEGRITY OF THE BUILDING ENVELOPE AND TO PRESENT AN ATTRACTIVE APPEARANCE;
- 60 MINUTE SHEATHING PAPER WILL BE APPLIED TO ALL BUILDINGS;
- RCABC CERTIFICATION WILL BE REQUIRED FOR FLAT ROOF;
- ALL ASPHALT SHINGLE ROOFING MATERIAL SHALL HAVE A MINIMUM 40 YEAR PRODUCT WARRANTY - ALTERNATIVE MATERIALS WILL BE ASSESSED ON A CASE BY CASE BASIS;
- DIFFERENTIATE BETWEEN PUBLIC AND PRIVATE SPACES THROUGH FENCE AND LANDSCAPING;
- ENCOURAGE PRIVATE OUTDOOR LIVING SPACE THROUGH SECURED YARDS;
- ALL WOOD APPLICATIONS WILL BE PRESSURE TREATED;
- FENCING WILL BE WROUGHT IRON, ALUMINUM, OR APPROVED ALTERNATE AND RETAINING WALLS KEPT TO A MINIMUM HEIGHT;
- REQUIRED LOCK BOXES WILL BE RECESSED INTO THE BUILDING FACE;
- EXTERIOR EXIT DOOR HARDWARE WILL BE OF COMMERCIAL/LIGHT INDUSTRIAL QUALITY AND SHALL INCLUDED ASTRAGALS;
- ALL UNITS ARE GROUND ORIENTED UNITS;
- VEHICULAR ACCESS IS PROVIDED FROM THE INTERNAL ROAD OR LANE;
- RESIDENT PARKING IS PROVIDED IN ENCLOSED AND SECURED GARAGES ATTACHED TO INDIVIDUAL UNITS
- VISITOR PARKING IS PROVIDED AT-GRADE;
- PRIVATE PATIOS AND ROOF DECKS ARE PROVIDED FOR EACH UNIT;
- PROPOSED 3-4 STOREY BUILDING HEIGHT AND MASSING IS IN PROPORTION TO OPEN SPACE.

THE TERRACES (PHASE-2)

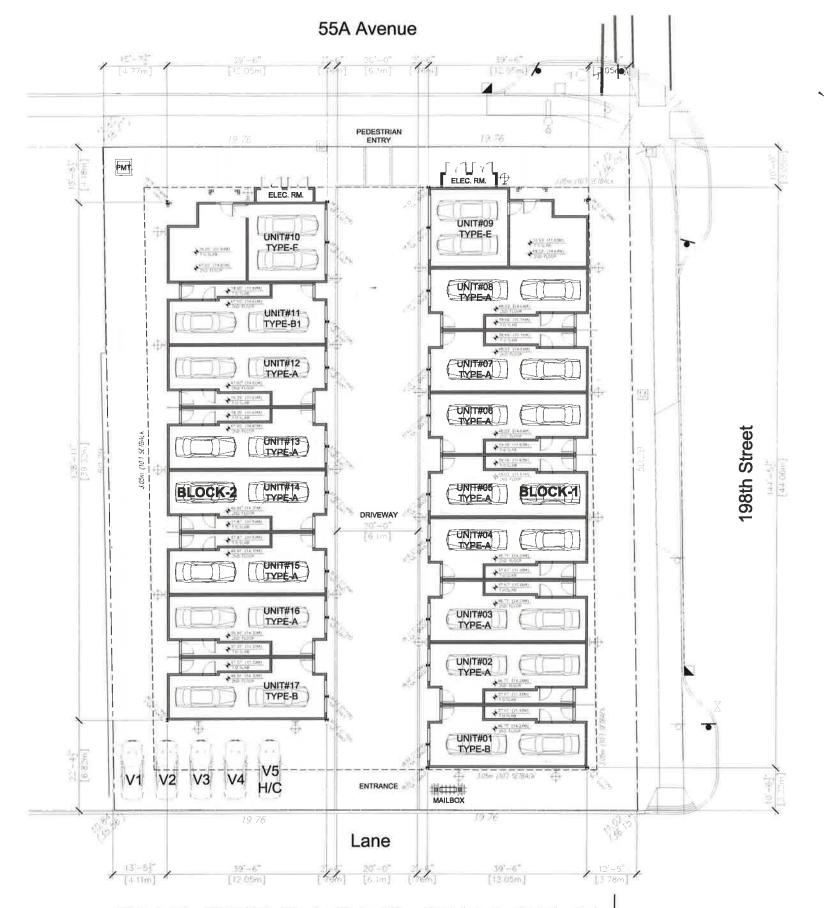
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MAY 5th, 2017



DP 0.0c

OFFICIAL COMMUNITY PLAN COMPLIANCE

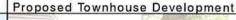




THE TERRACES (PHASE-2)

5519 - 198th Street and 19782 - 55A Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC. MAY 5th, 2017

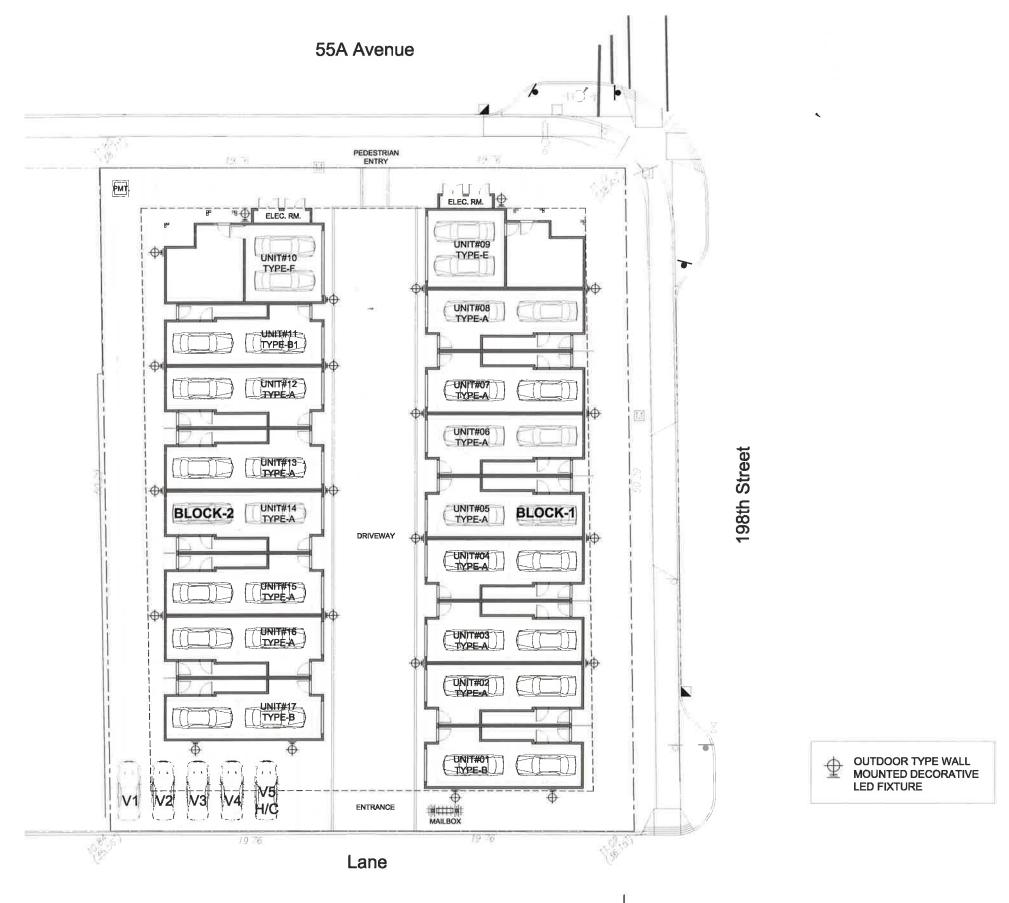




DP 0.1

SITE PLAN

SCALE: 3/32"=1'-0"





THE TERRACES (PHASE-2)

5519 - 198th Street and 19782 - 55A Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC. MAY 5th, 2017





DP 0.1a

SITE LIGHTING PLAN

SCALE: 3/32"=1'-0"

PROJECT DATA

ARCHITECT'S INFO.: ATELIER PACIFIC ARCHITECTURE INC.

PHONE NUMBER: 604 662 8689

FAX NUMBER: 604 662 8655

CIVIC ADDRESS: 5519 198TH STREET AND 19782 55A AVE., LANGLEY, B.C.

SITE LOCATION: LOTS AT SOUTHWEST CORNER OF THE INTERSECTION OF 198TH STREET AND 55A AVE.,

LANGLEY, B.C.

EXISTING ZONING: RS1

PROPOSED ZONING: CD

PROPOSED HOUSING TYPE:17 TOWNHOUSE UNITS

GROSS LOT AREA: 1987.32 SM (21391.34 SF)

UNIT YIELD: 17 TOWNHOUSE UNITS (8-9 CLUSTERS)

GROSS FLOOR AREA: 2,373.89 SM (25,552.34 SF)

NUMBER OF DWELLING & RESIDENTIAL DENSITY PER HECTARE85.55 UNITS/HA (34.62 UNITS/ACRE)

SITE COVERAGE: 51% (1011.6 SM)

BUILDING HEIGHT: 4 STOREY (10.99M-13.08M)

SETBACKS:

 NORTH SETBACK:
 (55A AVE.)
 3.05M

 WEST SETBACK:
 (INTERIOR)
 4.11M

 SOUTH SETBACK:
 (LANE)
 3.22M

 EAST SETBACK:
 (198TH STREET)
 3.05M

REQUIRED/ALLOWABLE | PROPOSED/PROVIDED

PARKING:

RESIDENTIAL PARKING SPACE: 34 @ 2/UNIT 3

VISITOR PARKING SPACE:3.4 @ 0.2/UNIT5 (INCLUDING 1 ACCESSIBLE STALL)ACCESSIBLE PARKING SPACE:(5%) 0.171

TOTAL PARKING SPACES: 37.57 39

AVERAGE GRADE CALCULATION:

EXISTING AVERAGE GRADE AT PROPERTY LINES: (11.51+11.55+10.94+10.84)/4 = 11.21 M **AVERAGE GRADING ADJACENT TO BLOCK-1** (11.68+11.68+11.12+11.04)/4 = 11.38 M **AVERAGE GRADING ADJACENT TO BLOCK-2** (11.64+11.64+11.10+11.18)/4 = 11.39 M

UNIT DISTRIBUTION:

UNIT TYPES	APPROX. UNIT AREA	# OF UNIT	TOTAL AREA
Α	129.97 SM (1398.96 SF)	12	1,559.64 SM (16,787.52 SF)
В	162.04 SM (1744.20 SF)	2	324.08 SM (3,488.4 SF)
B1	133.58 SM (1437.80 SF)	1	133.58 SM (1437.80 SF)
E	171.96 SM (1850.97 SF)	1	171.96 SM (1850.97 SF)
F	184.66 SM (1987.65 SF)	1	184.66 SM (1987.65 SF)
TOTAL:		17	2,373.89 SM (25,552.34 SF)
FSR=1.19			

THE TERRACES (PHASE-2)

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DP 0.2

PROJECT DATA

PROJECT DATA

(DWELLING UNIT BREAKDOWN BY TYPE):

TOWN HOUSE TYPE	TYPE "A"	TYPE "B"	TYPE "B1"	TYPE "E"	TYPE "F"	ELOOP AREA AMOUNT (of)
	TENDANT (sf)	TENDANT (sf)	SIDE BY SIDE (sf)	SIDE BY SIDE (sf)	SIDE BY SIDE (sf)	FLOOR AREA AMOUNT (sf)
GROUND FLOOR (EXCLUDED GARAGE):	96.77	96.77	96.76	306.71	358.92	
SECOND FLOOR:	621.06	625.99	621.03	751.17	803.72	
THIRD FLOOR:	621.1	625.91	659.89	731.17	764.89	
FOURTH FLOOR:	60.03	395.53	60.12	61.92	60.12	
ROOF:						
GARAGE EXCLUSION:	492.62	497.55	492.63	389.17	389.59	
UNIT SUBTOTAL (GARAGE EXCLUDED):	1398.96	1744.2	1437.8	1850.97	1987.65	
UNIT SUBTOTAL (GARAGE INCLUDED):	1891.58	2241.75	1930.43	2240.14	2377.24	
TOTAL: 17UNITS	12	2	1	1	1	
TOTAL GROSS FLOOR AREA (GARAGE EXCLUDED):	16787.52	3488.4	1437.8	1850.97	1987.65	25552.34
TOTAL GROSS FLOOR AREA: (GARAGE INCLUDED)	22698.96	4483.5	1930.43	2240.14	2377.24	33730.27

(YARD AREA AND ROOF DECK AREA):

UNIT NUMBER AND TYPE	FRONT YARD AREA (sf)
LINUT (O.) TYPE D	
UNIT #01 - TYPE B	336.4
UNIT #02 - TYPE A	198.8
UNIT #03 - TYPE A	194.7
UNIT #04 - TYPE A	190.6
UNIT #05 - TYPE A	186.5
UNIT #06 - TYPE A	182.4
UNIT #07 - TYPE A	178.3
UNIT #08 - TYPE A	174.2
UNIT #09 - TYPE E	554.1
UNIT #10 - TYPE F	709.1
UNIT #11 - TYPE B1	245.7
UNIT #12 - TYPE A	243.9
UNIT #13 - TYPE A	239.8
UNIT #14 - TYPE A	235.8
UNIT #15 - TYPE A	231.7
UNIT #16 - TYPE A	227.6
UNIT #17 - TYPE B	270.3
TOTAL FRONT YARD AREA (sf)	<u>4599.9</u>

UNIT TYPE	ROOF DECK AREA (sf)	# OF UNITS	TOTAL AREAS
TYPE "A"	532.4	12	6388.8
TYPE "B"	206.0	2	412.0
TYPE "B1"	530.7	1	530.7
TYPE "E"	617.9	1	617.9
TYPE "F"	705.7	1	705.7

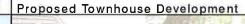
TOTAL ROOF DECK AREA (sf) 8655.1

THE TERRACES (PHASE-2)

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ATELIER PACIFIC ARCHITECTURE INC.

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DP 0.3

PROJECT DATA



MARCH 21 (12:00PM)



SEPTEMBER 23 (12:00PM)



JUNE 22 (12:00PM)



DECEMBER 22 (12:00PM)



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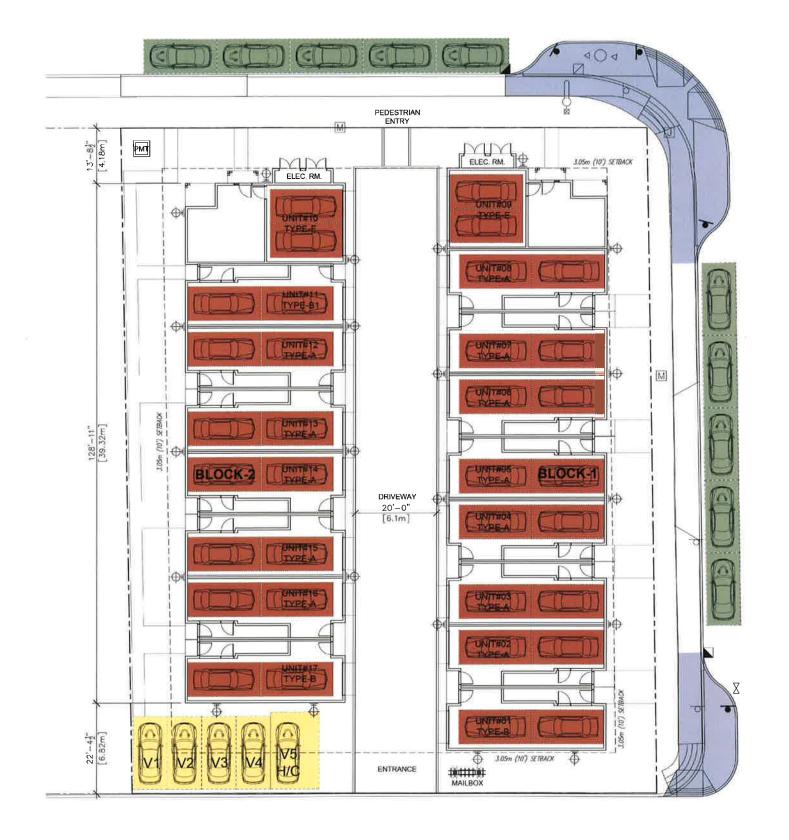
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MAY 5th, 2017



DP 0.4

SHADOW ANALYSIS



PARKING WITHIN UNIT (34 STALLS)

VISITOR PARKING (5 STALLS)

ON-STREET PARKING (10 STALLS)

BULB OUT AREA

THE TERRACES (PHASE-2)

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MAY 5th, 2017



DP 0.5

PARKING AND TRAFFIC CALMING PLAN SCALE: 1:150





FASCIA BOARD METAL RAILING CHARCOAL



IXL BRICK
MIDNIGHT-MATTE
BRICK



HARDIE PANEL (JAMES HARDIE) (COBBLES STONE)



HARDIE PANEL (JAMES HARDIE) (PEARL GRAY)



HARDIE SIDING WOODTONE MOUNTAIN CEDAR



ENTRY DOOR, GARAGE DOOR CEDAR (TO MATCH HARDIE SIDING COLOR)

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DP 0.6

COLOR ELEVATIONS

SCALE: 3/16"=1'-0"





FASCIA BOARD METAL RAILING CHARCOAL



IXL BRICK MIDNIGHT-MATTE BRICK



HARDIE PANEL (JAMES HARDIE) (COBBLES STONE)



HARDIE PANEL (JAMES HARDIE) (PEARL GRAY)



HARDIE SIDING WOODTONE MOUNTAIN CEDAR

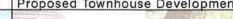


ENTRY DOOR, GARAGE DOOR CEDAR (TO MATCH HARDIE SIDING COLOR)

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ATELIER PACIFIC ARCHITECTURE INC. MAY 5th, 2017





DP 0.7

COLOR ELEVATIONS

SCALE: 3/16"=1'-0"





FASCIA BOARD METAL RAILING CHARCOAL



IXL BRICK MIDNIGHT-MATTE **BRICK**



HARDIE PANEL (JAMES HARDIE) (COBBLES STONE)



HARDIE PANEL (JAMES HARDIE) (PEARL GRAY)



HARDIE SIDING WOODTONE MOUNTAIN CEDAR

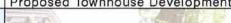


ENTRY DOOR, GARAGE DOOR CEDAR (TO MATCH HARDIE SIDING COLOR)

THE TERRACES (PHASE-2) Proposed Townhouse Development

5519 - 198th Street and 19782 - 55A Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC. MAY 5th, 2017

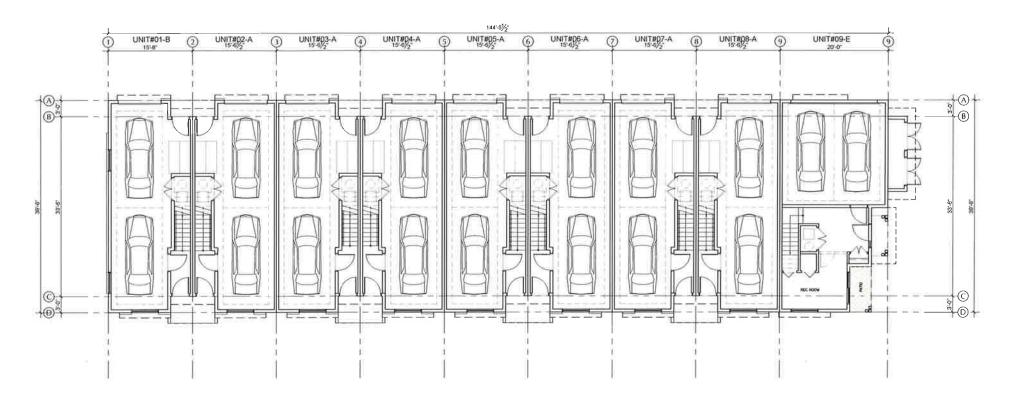




DP 0.8

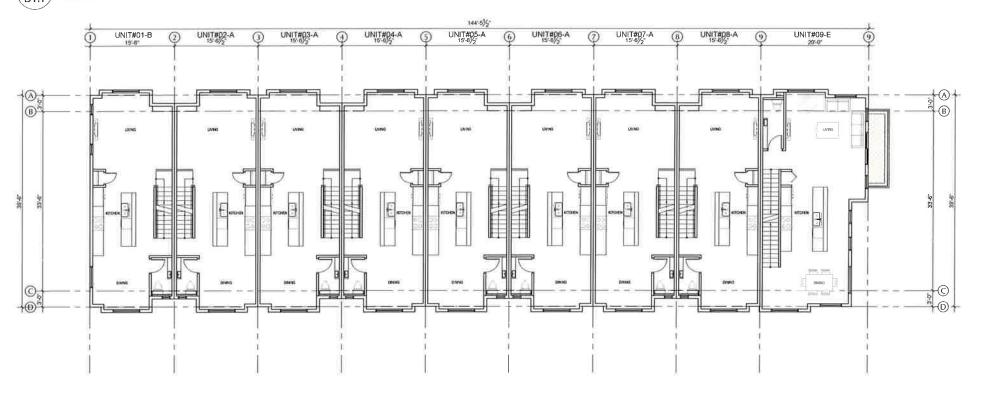
COLOR ELEVATIONS

SCALE: 3/16"=1'-0"



GROUND FLOOR PLAN (BLOCK-1)

SCALE 3/16/=1/40*



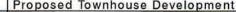




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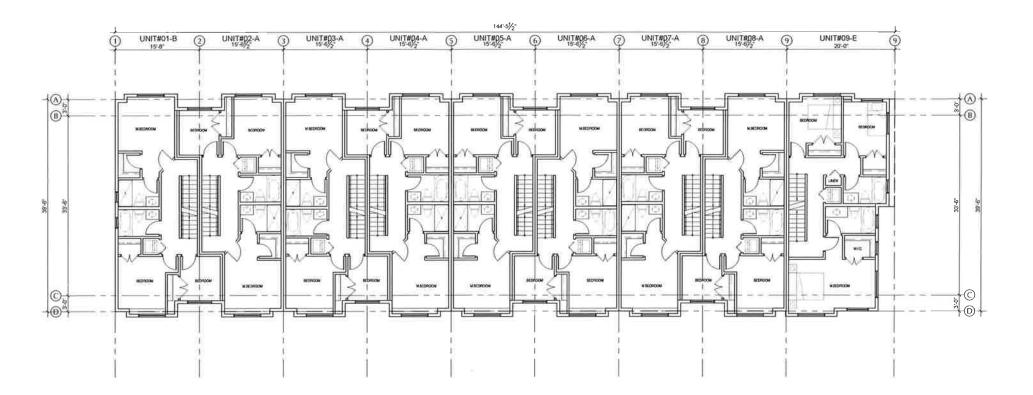
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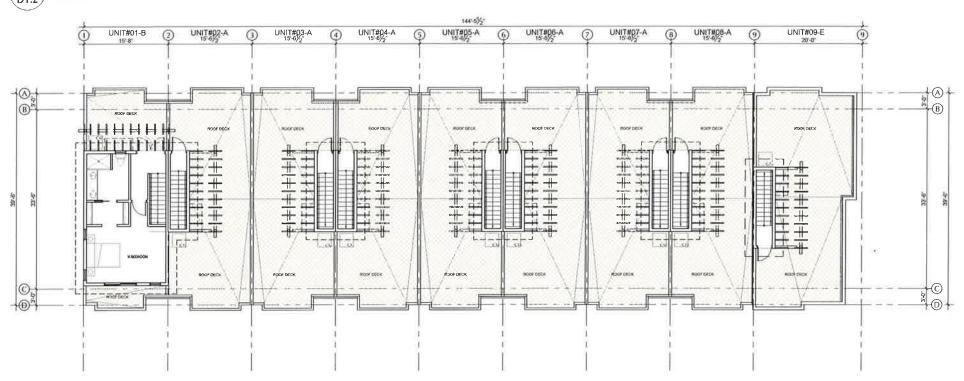


DP 1.1

FLOOR PLANS







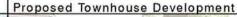


2 FOURTH FLOOR PLAN (BLOCK-1) D1.2 SCALE MINISTER

THE TERRACES (PHASE-2)

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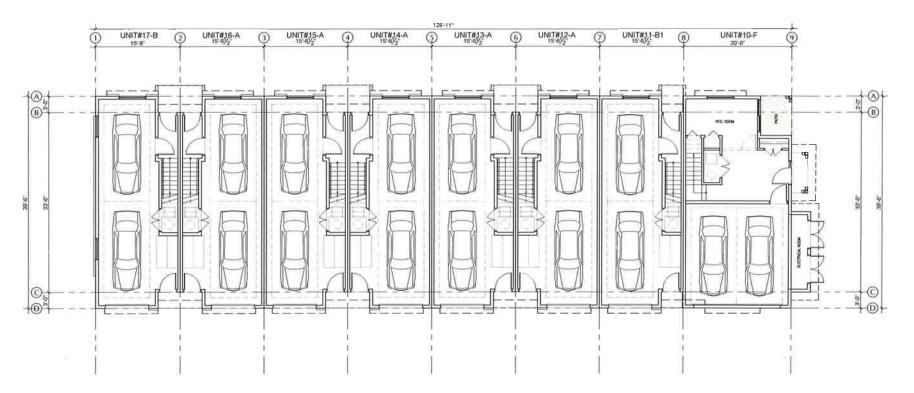
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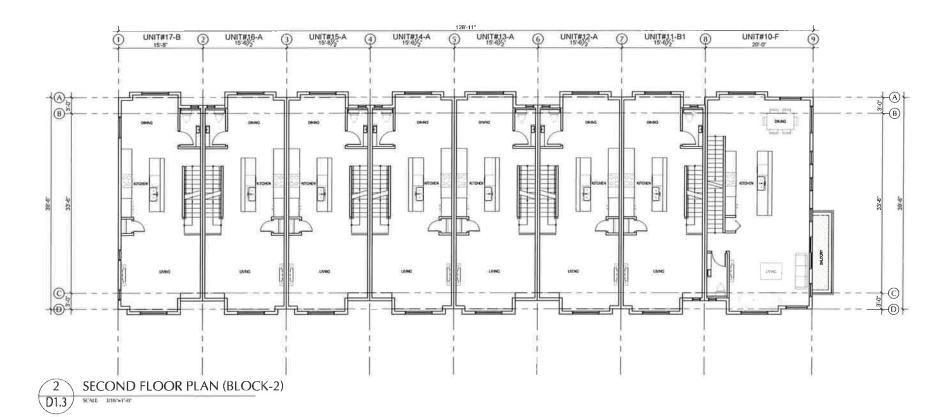


DP 1.2

FLOOR PLANS



GROUND FLOOR PLAN (BLOCK-2) D1.3 SCALE 3/16*=1'-0'

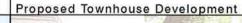




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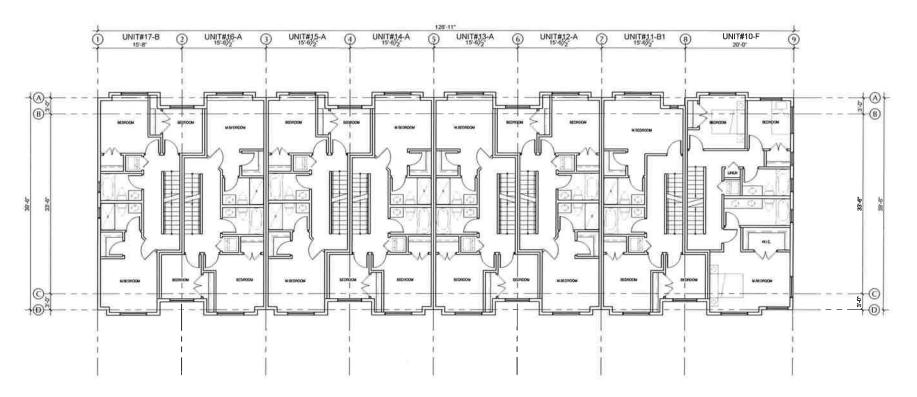
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DP 1.3

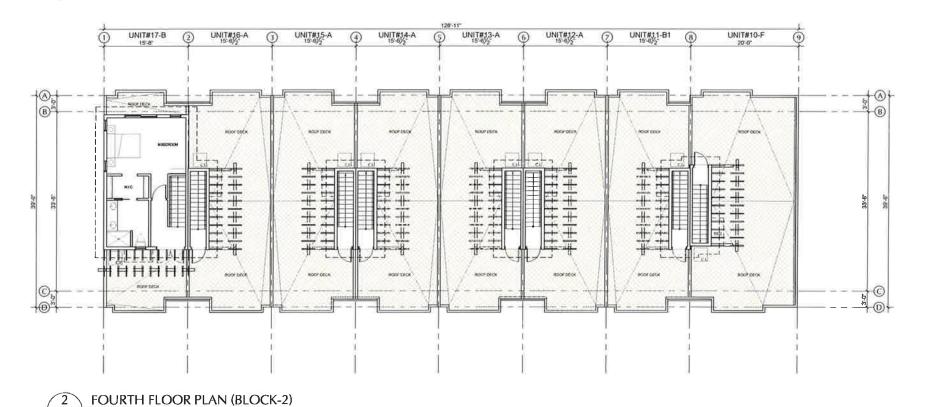
FLOOR PLANS



THRID FLOOR PLAN (BLOCK-2)

D1.4

SCALE: 1/16/w15-05

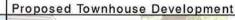




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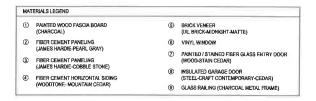
DP 1.4

FLOOR PLANS

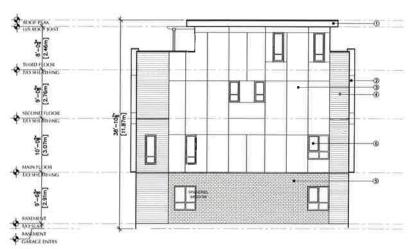




BLOCK-1 NORTH ELEVATION (FACING 55A AVE.)







BLOCK-1 WEST ELEVATION (FACING DRIVEWAY)

SCALE: 1/8"=1'-0"

A2.1

BLOCK-1 SOUTH ELEVATION (FACING LANE)

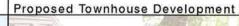
A2.1 SCALE | 1/10 = 1/-0 =

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DP 2.1

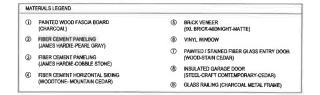
ELEVATIONS



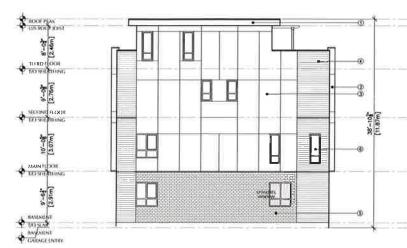


BLOCK-2 NORTH ELEVATION (FACING 55A AVE.)

A2.2 SCALE INFERSOr







3 BLOCK-2 EAST ELEVATION (FACING DRIVEWAY)
A2.2 SCALE 1/10"=1"-0"

BLOCK-2 SOUTH ELEVATION (FACING LANE)

SCALE 1/09-17-0"

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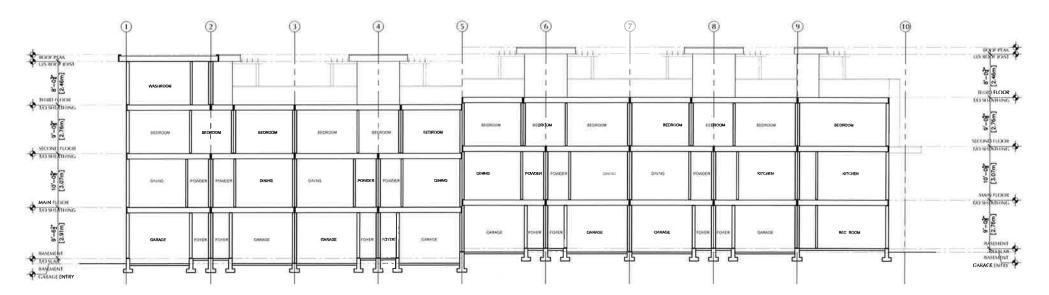
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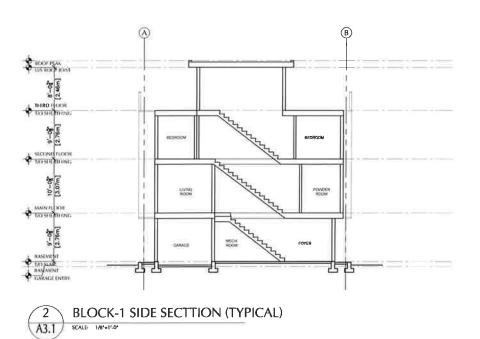
DP 2.2

ELEVATIONS



BLOCK-1 CROSS SECTION

A3.1 SCALE: MP-17-07



THE TERRACES (PHASE-2)

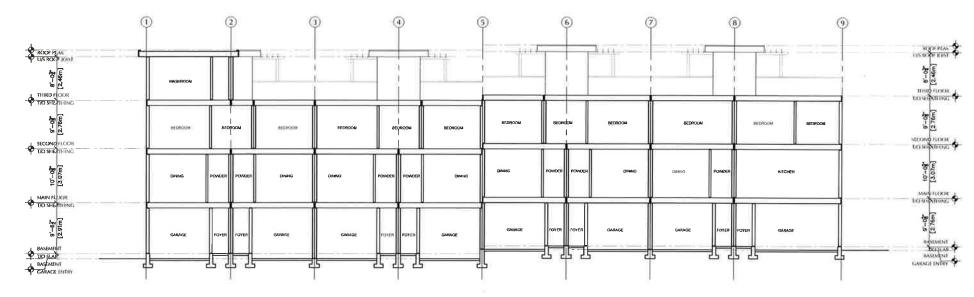
5519 - 198th Street and 19782 - 55A Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC.
MAY 5th, 2017

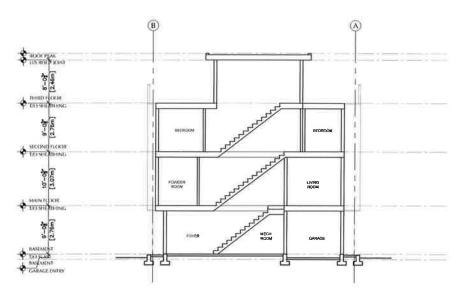


DP 3.1

SECTIONS



1 BLOCK-2 CROSS SECTION
A3.2 SCALE INVESTOR





THE TERRACES (PHASE-2)

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DP 3.2

SECTIONS