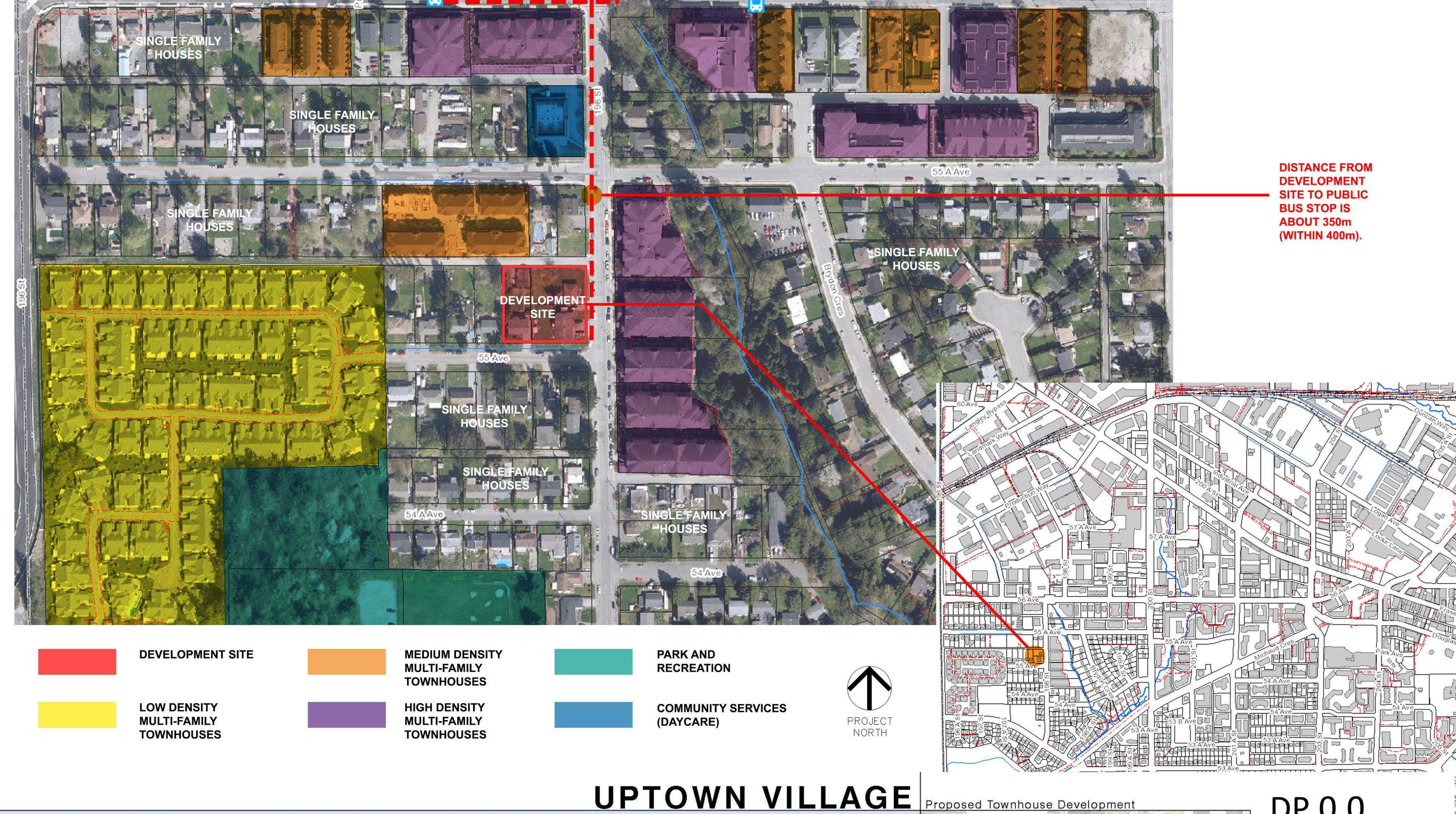


5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

NOVEMBER 14 2016

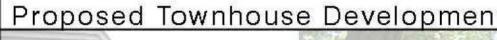


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5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC. NOVEMBER 14 2016



# DP 0.0

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

#### **OFFICIAL COMMUNITY PLAN COMPLIANCE:**

- MEDIUM DENSITY RESIDENTIAL=173 UNITS/HECTARE OR 56 UNITS ALLOWED, 28 UNITS PROPOSED;
- ENHANCE PUBLIC SIDEWALK STREETSCAPE AND PROVIDE ATTRACTIVE ENVIRONMENT FOR PEDESTRIANS THROUGH ENTRY GATES, 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 55TH AVE AND 198TH STREET;
- CREATE ON-STREET PARKING POCKETS ALONG 55 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 55th AVENUE;
- THE DEVELOPMENT WILL REMOVE TWO (2) EXISTING UNSIGHTLY PROPERTIES AND A VACANT LOT 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;
- 1.2m HIGH ALUMINUM FENCE AND GATE TO DEFINE AND CONTROL ACCESS INTO YARDS;
- VISITOR SPACE IN BUILDING BLOCK-3 IS SECURED WITH OVERHEAD GATE;
- ALL OUTDOOR SPACES ARE ABOVE GRADE AND CONTROLLED BY EACH UNIT;
- 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;
- HOMES WILL UTILIZE HEAT RECOVERY VENTILATION TO REDUCE ENERGY CONSUMPTION;
- 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 USE OF GATES. 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 AND INFORMALLY WITH DRIVEWAY APRON;
- PRIVATE PATIOS AND ROOF DECKS ARE PROVIDED FOR EACH UNIT;
- PROPOSED 3-4 STOREY BUILDING HEIGHT AND MASSING IS IN PROPORTION TO OPEN SPACE.

UPTOWN VILLAGE Proposed Townhouse Development

5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

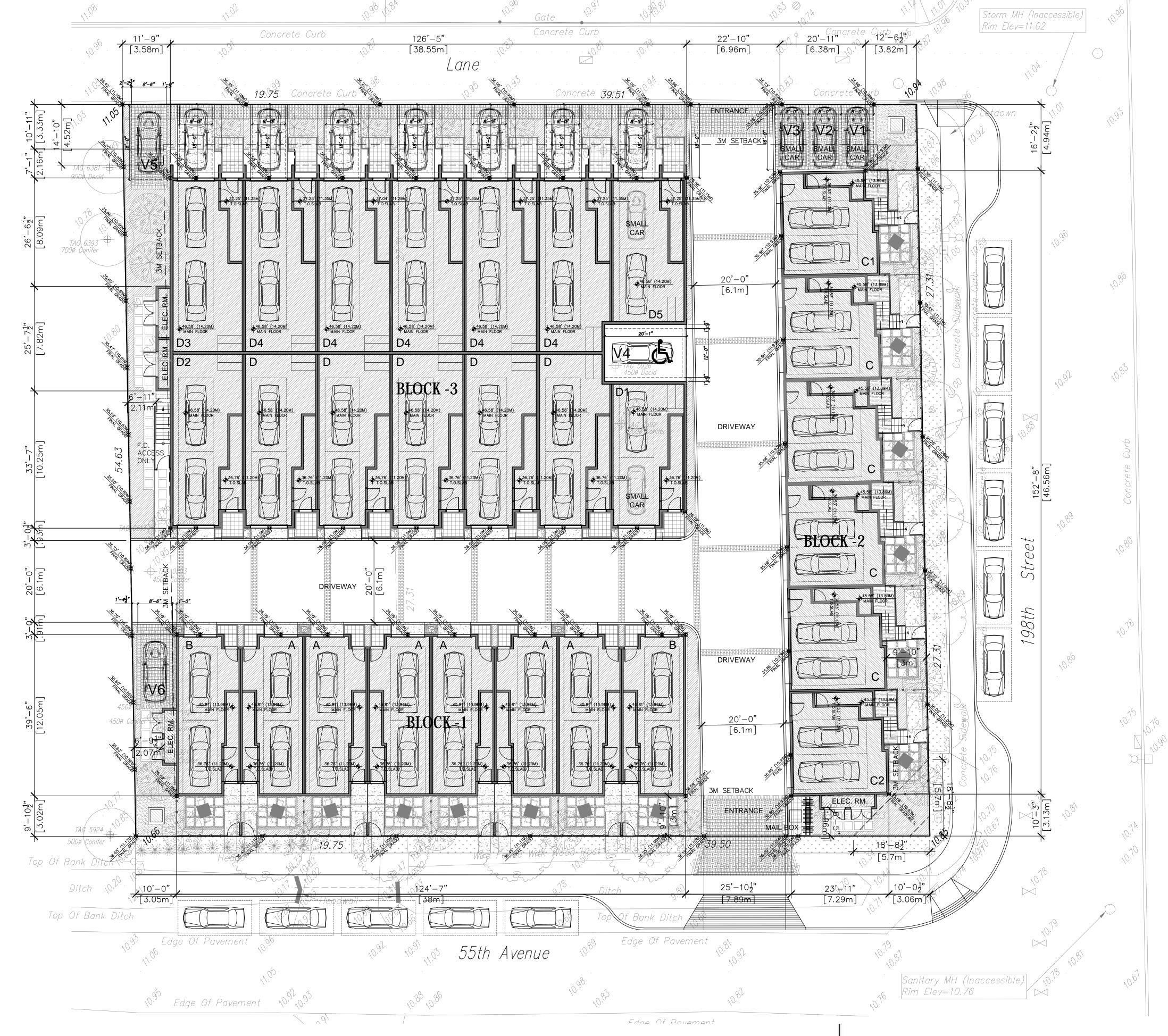
DP 0.0a

OFFICIAL COMMUNITY PLAN **COMPLIANCE** 

SCALE: N.T.S.

ATELIER PACIFIC ARCHITECTURE INC.

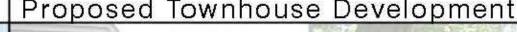
NOVEMBER 14 2016





5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC. **NOVEMBER 14 2016** 





**DP 0.1** 

SITE PLAN

#### PROJECT DATA

ARCHITECT'S INFO.: ATELIER PACIFIC ARCHITECTURE INC.

PHONE NUMBER:604 662 8689 FAX NUMBER: 604 662 8655

LEGAL DESCRIPTION: LOT A & LOT B, SECTION 3 TOWNSHIP 8, NWD PLAN 16536

LOT 3, SECTION 3 TOWNSHIP 8, NWD PLAN 12439

CIVIC ADDRESS: 5501, 5503, 5509 198TH STREET AND 19771 55TH AVE., LANGLEY, B.C.

SITE LOCATION: LOTS AT NORTHWEST CORNER OF THE INTERSECTION OF 198TH STREET AND 55TH AVE., LANGLEY, B.C.

EXISTING ZONING: RS1

PROPOSED ZONING: CD

PROPOSED HOUSING TYPE:28 TOWNHOUSE UNITS

GROSS LOT AREA: 34792 SF=3232.28 SM

UNIT YIELD: 28 TOWNHOUSE UNITS (6-8 CLUSTERS)

GROSS FLOOR AREA: 3683.27 SM

NUMBER OF DWELLING & RESIDENTIAL DENSITY PER HECTARE86.6 UNITS/HA (35.04 UNITS/ACRE)

SITE COVERAGE:		0.60 (1939.5 SM)			
BUILDING HEIGHT:		4 STOREY (10.99M-13.08M)			
SETBACKS:					
SOUTH SETBACK: (55TH AVE.)		3.0M			
WEST SETBACK: (INTERIOR)	3.05M				
NORTH SETBACK: (LANE)	3.33M				
EAST SETBACK: (198TH STREET)		3.0M			
	REQUIRED/ALLOWABLE	PROPOSED/PROVIDED			
PARKING:					
RESIDENTIAL PARKING SPACE:	56 @ 2/UNIT	63 (INCLUDING 8 SMALL CAR)			
VISITOR PARKING SPACE:	5.6 @ 0.2/UNIT	6 (INCLUDING 3 SMALL CAR & 1 H/C)			
ACCESSIBLE PARKING SPACE:	(5%) 0.28	1			

61.88

64.4 SM

69

(11.05+10.66+10.85+10.94)/4=10.88 M

<b>VERAGE GRADE CALCULATI</b>	ON:
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**EXISTING AVERAGE GRADE AT PROPERTY LINE:** 

**TOTAL PARKING SPACES:** 

**INDOOR AMENITY SPACE:** 

AVERAGE GRADING	ADJACENT TO BUILDING TYPE-A,B	(11.0+11.0+11.0	+11.0)/4=11.0 M
<b>AVERAGE GRADING</b>	ADJACENT TO BUILDING TYPE-C	(10.93+10.93+10	.93+10.93)/4=10.93 M
AVERAGE GRADING	ADJACENT TO BUILDING TYPE-D	(11.0+11.0+11.13)	5+11.15)/4=11.08 M
<b>UNIT DISTRIBUTION:</b>			
UNIT TYPES	APPROX. UNIT AREA	# OF UNIT	TOTAL AREA
A	130.00 SM (1399.39 SF)	6	780.0 SM (8396.34 SF)
В	162.22 SM (1746.15 SF)	2	324.44 SM (3492.3 SF)
C	158.78 SM (1709.15 SF)	4	635.12 SM (6836.6 SF)
C1	159.75 SM (1719.52 SF)	1	159.75 SM (1719.52 SF)
C2	159.45 SM (1716.36 SF)	1	159.45 SM (1716.36 SF)
D	116.51 SM (1254.11 SF)	5	582.55 SM (6270.55 SF)
D1	116.33 SM (1252.18 SF)	1	116.33 SM (1252.18 SF)
D2	119.85 SM (1290.09 SF)	1	119.85 SM (1290.09 SF)
D3	114.52 SM (1232.66 SF)	1	114.52 SM (1232.66 SF)
D4	114.66 SM (1234.18 SF)	5	573.30 SM (6170.90 SF)
D5	117.88 SM (1268.85 SF)	1	117.88 SM (1268.85 SF)
TOTAL:		28	3683.27 SM (39646.35 SF)

UPTOWN VILLAGE Proposed Townhouse Development

5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

**DP 0.2** 

ATELIER PACIFIC ARCHITECTURE INC.

**NOVEMBER 14 2016** 

SCALE: N.T.S.

PROJECT DATA

#### PROJECT DATA SHEET (DWELLING UNIT BREAKDOWN BY UNIT TYPE):

TOWN HOUSE TYPE	TYPE "A"	TYPE "B"	TYPE "C"	TYPE "C1"	TYPE "C2"	TYPE "D"	TYPE "D1"	TYPE "D2"	TYPE "D3"	TYPE "D4"	TYPE "D5"	FLOOR AREA AMOUNT (sf)
	TENDANT (sf)	TENDANT (sf)	SIDE BY SIDE (sf)	SIDE BY SIDE (sf)	SIDE BY SIDE (sf)	TENDANT (sf)	PLOOK AREA AMOUNT (SI)					
GROUND FLOOR (EXCLUDED GARAGE):	97.32	97.32	75.83	77.73	75.83	121.19	119.8	134.47	100.28	101.26	113.23	
SECOND FLOOR:	620.99	625.99	580.46	583.07	583.07	566.46	566.17	577.81	566.17	566.46	577.81	
THIRD FLOOR:	621.05	626	580.46	583.07	583.07	566.46	566.21	577.81	566.21	566.46	577.81	
FOURTH FLOOR:	60.03	396.84	398.77	400.76	400.76	0	0	0	0	0	0	
ROOF:			73.63	74.89	73.63	0	0	0	0	0	0	
GARAGE EXCLUSION:	492.06	497	504.63	505.34	507.24	692.77	694.16	568.28	631.39	630.15	528.68	
UNIT SUBTOTAL (GARAGE EXCLUDED):	1399.39	1746.15	1709.15	1719.52	1716.36	1254.11	1252.18	1290.09	1232.66	1234.18	1268.85	
UNIT SUBTOTAL (GARAGE INCLUDED):	1891.45	2243.15	2213.78	2224.86	2223.6	1946.88	1946.34	1858.37	1864.05	1864.33	1797.53	
TOTAL: 28UNITS	6	2	4	1	1	5	1	1	1	5	1	
<b>TOTAL GROSS FLOOR AREA (GARAGE EXCLUDED):</b>	8396.34	3492.3	6836.6	1719.52	1716.36	6270.55	1252.18	1290.09	1232.66	6170.9	1268.85	39646.35
TOTAL GROSS FLOOR AREA: (GARAGE INCLUDED)	11348.7	4486.3	8855.12	2224.86	2223.6	9734.4	1946.34	1858.37	1864.05	9321.65	1797.53	55660.92

#### PROJECT DATA SHEET (YARD AREA AND ROOF DECK AREA):

TOWN HOUSE TYPE	TYPE "A"	TYPE "B"	TYPE "C"	TYPE "C1"	TYPE "C2"	TYPE "D"	TYPE "D1"	TYPE "D2"	TYPE "D3"	TYPE "D4"	TYPE "D5"	AREA AMOUNT (sf)
FRONT YARD:	145.3	146.7	277.3	280.6	277.3							
REAR YARD:						299.5	227.8	230	227.8	299.5	230	
TOTAL: 28UNITS	6	2	4	1	1	5	1	1	1	5	1	28
TOTAL YARD AREA:	871.8	293.4	1109.2	280.6	277.3	1497.5	227.8	230	227.8	1497.5	230	6742.9
ROOF DECK:	560	97.8	512.9	515.1	516.5							
TOTAL: 28UNITS	6	2	4	1	1	5	1	1	1	5	1	28
TOTAL ROOF DECK AREA:	3360	195.6	2051.6	515.1	516.5							6638.8

# UPTOWN VILLAGE Proposed Townhouse Development

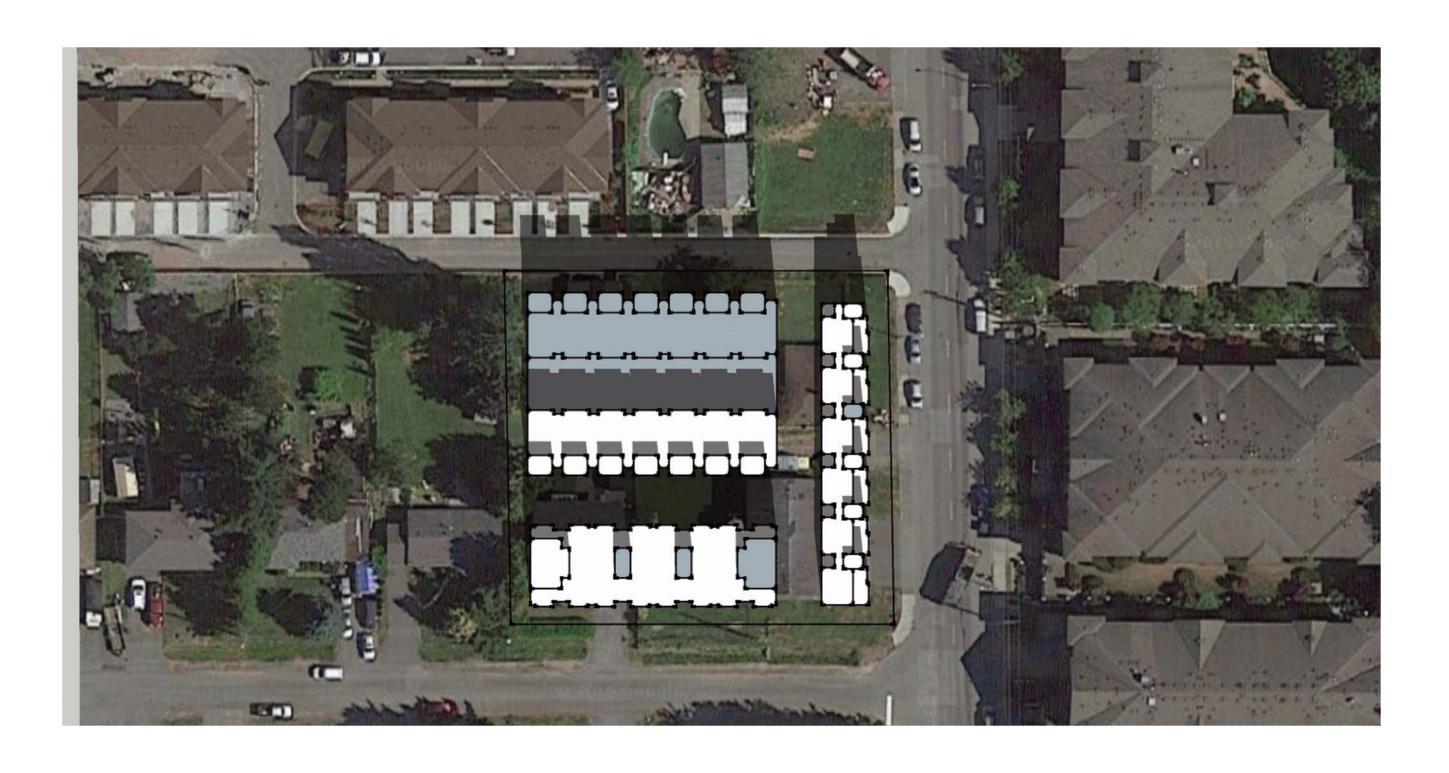
5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

DP 0.2a

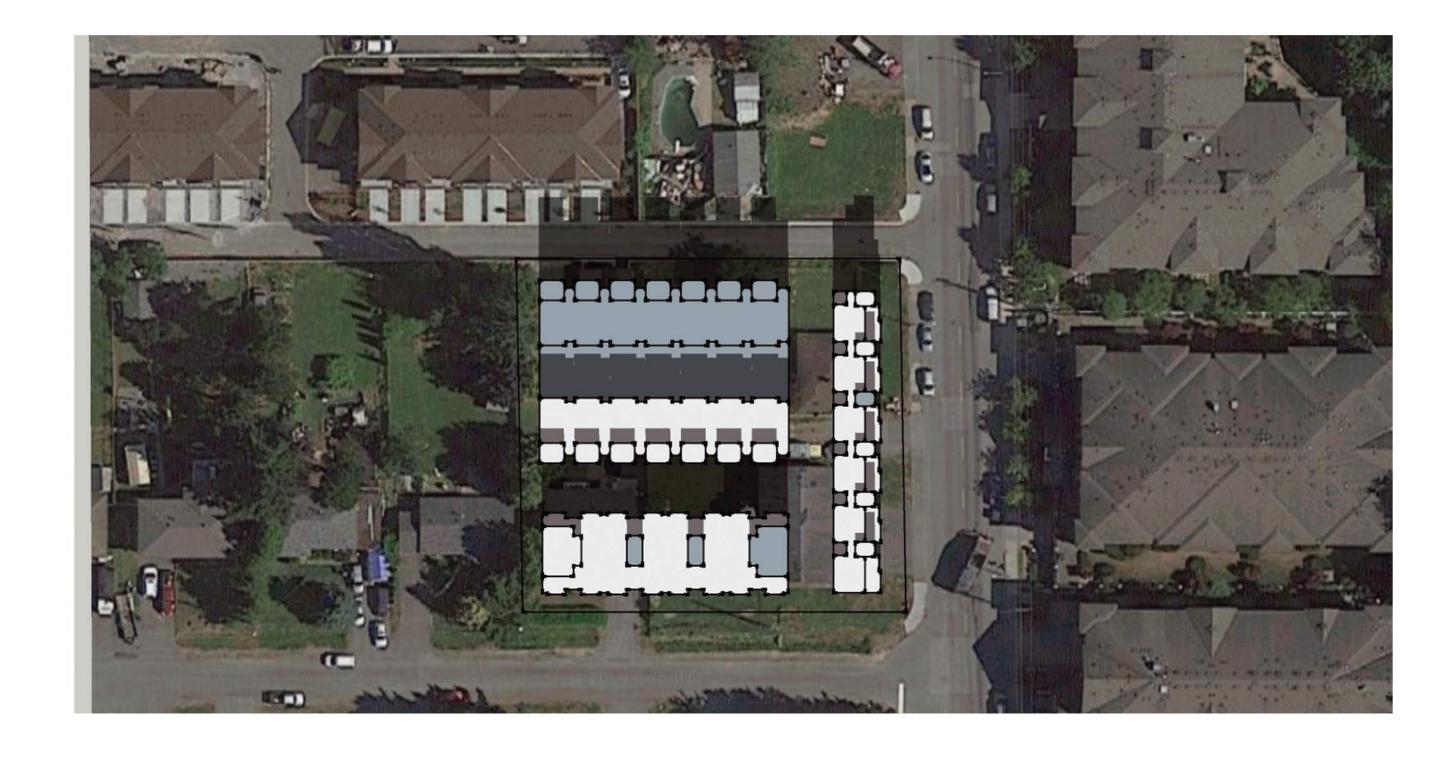
PROJECT DATA

ATELIER PACIFIC ARCHITECTURE INC. **NOVEMBER 14 2016** 

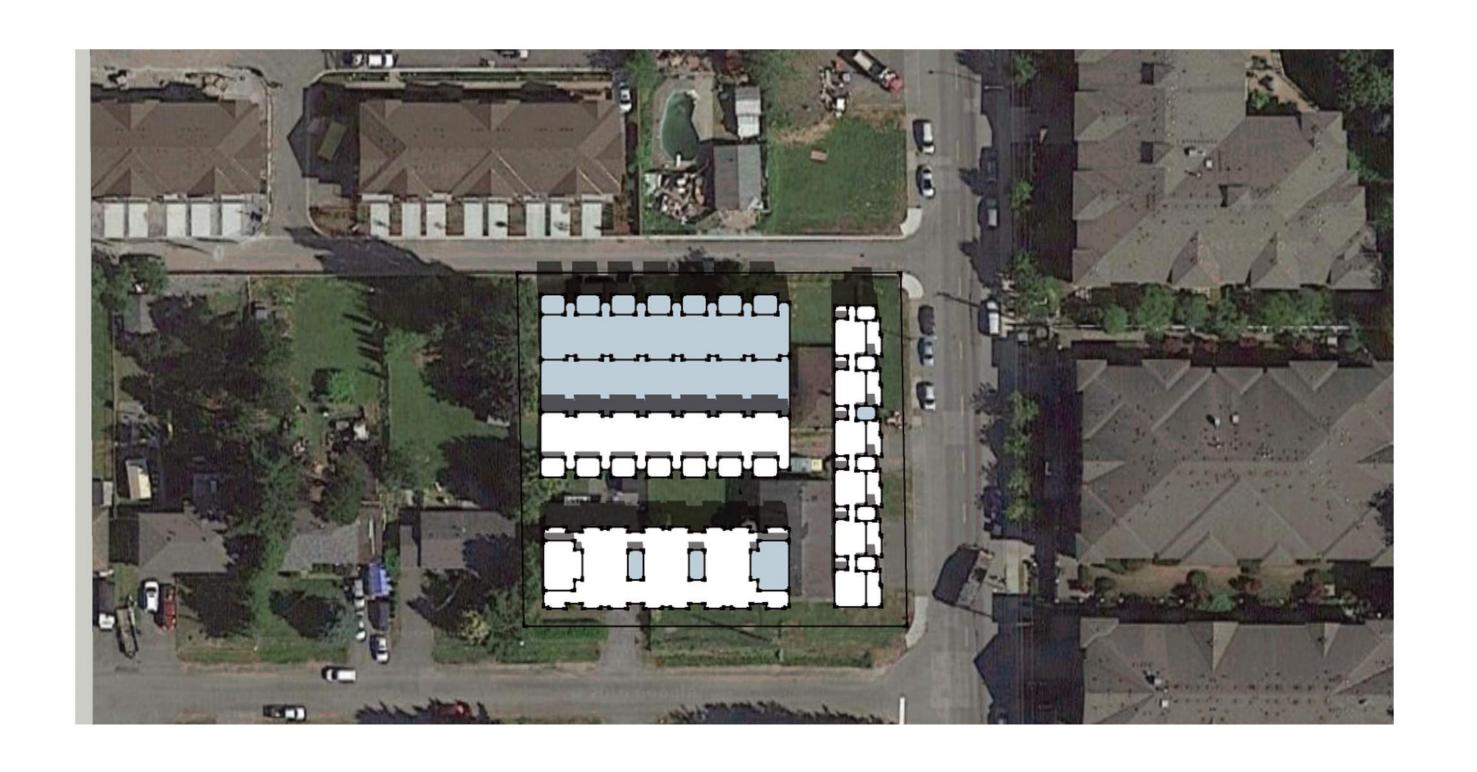
SCALE: N.T.S.



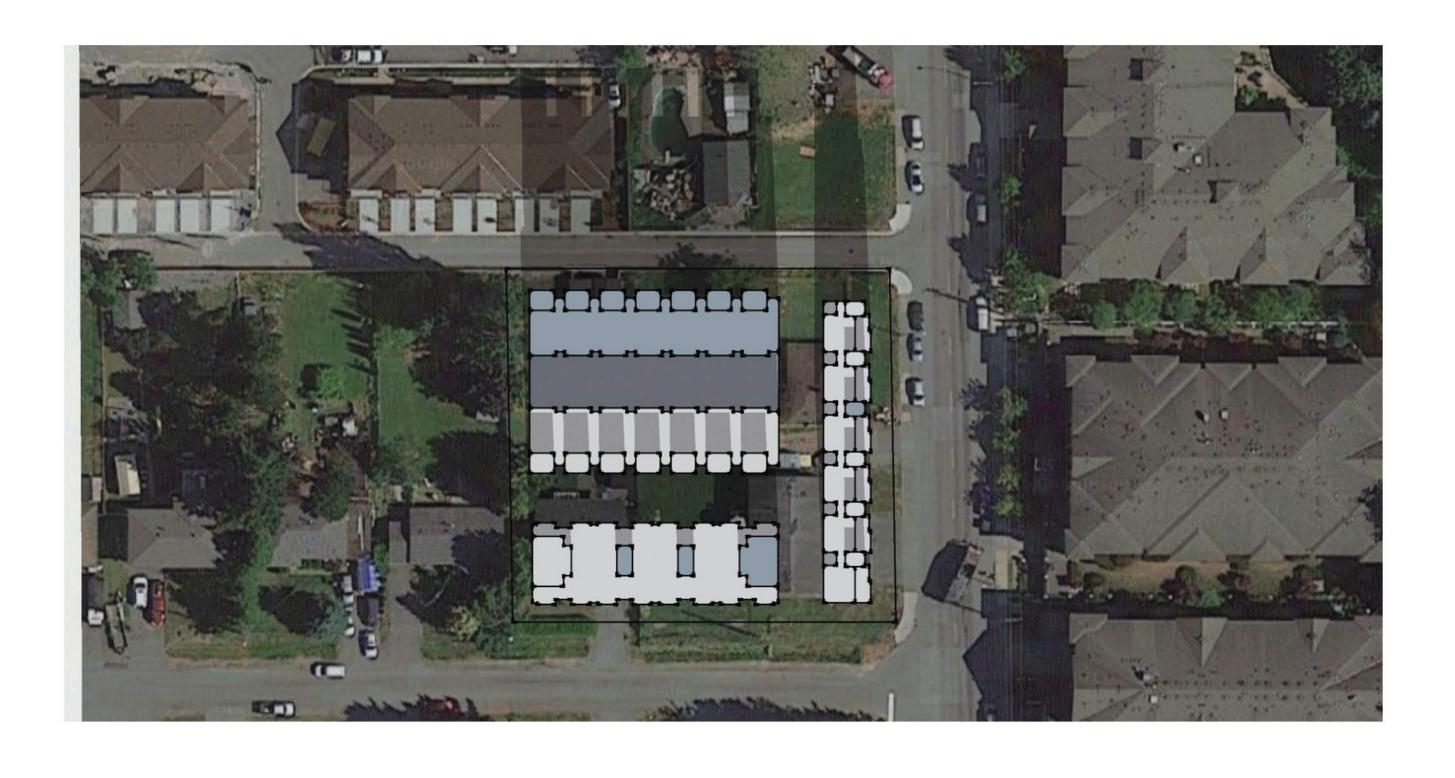
MARCH 21 (12:00PM)



SEPTEMBER 23 (12:00PM)



JUNE 22 (12:00PM)



DECEMBER 22 (12:00PM)

5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC.

NOVEMBER 14 2016



DP 0.3

**SHADOW ANALYSIS** 

SCALE: N.T.S.





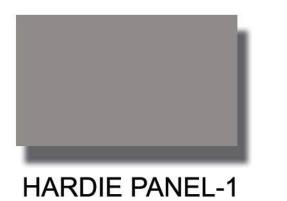
FASCIA BOARD METAL RAILING CHARCOAL



CULTURED BRICK USED BRICK HIGH DESERT



HARDIE PANEL-1 WHITE



GRAY



HARDIE SIDING STAIN WOOD GRAIN CEDAR COLOR



ENTRY DOOR, GARAGE DOOR STAIN WOOD GRAIN DARK OAK

5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

NOVEMBER 14 2016



DP 0.4

**COLOR ELEVATIONS** 



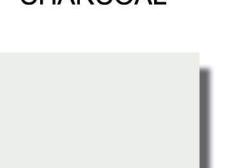








**FASCIA BOARD METAL RAILING** CHARCOAL



HARDIE PANEL-1 WHITE



HARDIE SIDING STAIN WOOD GRAIN CEDAR COLOR



**CULTURED BRICK USED BRICK** HIGH DESERT



HARDIE PANEL-1 **GRAY** 



ENTRY DOOR, **GARAGE DOOR** STAIN WOOD GRAIN DARK OAK

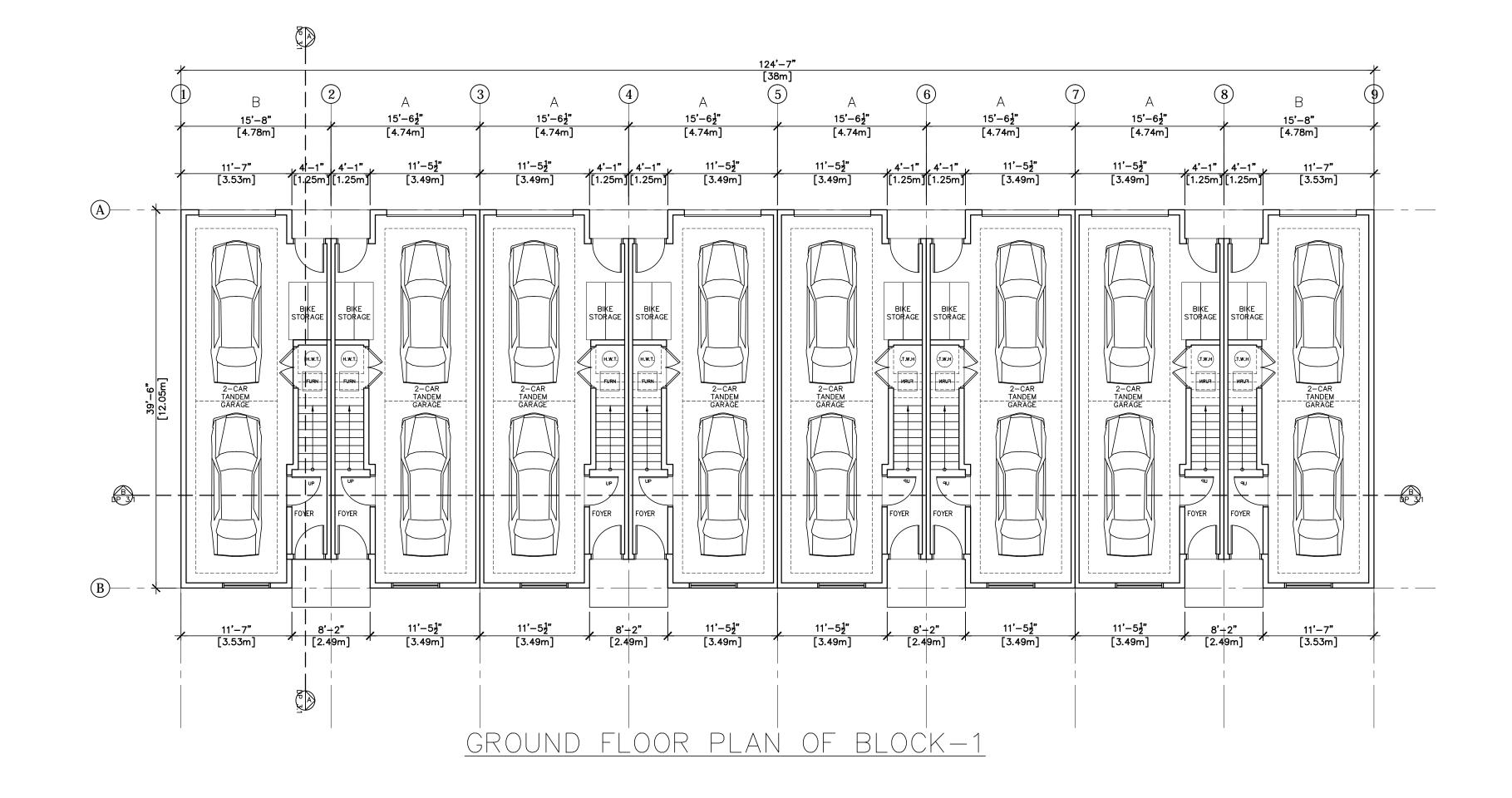
5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

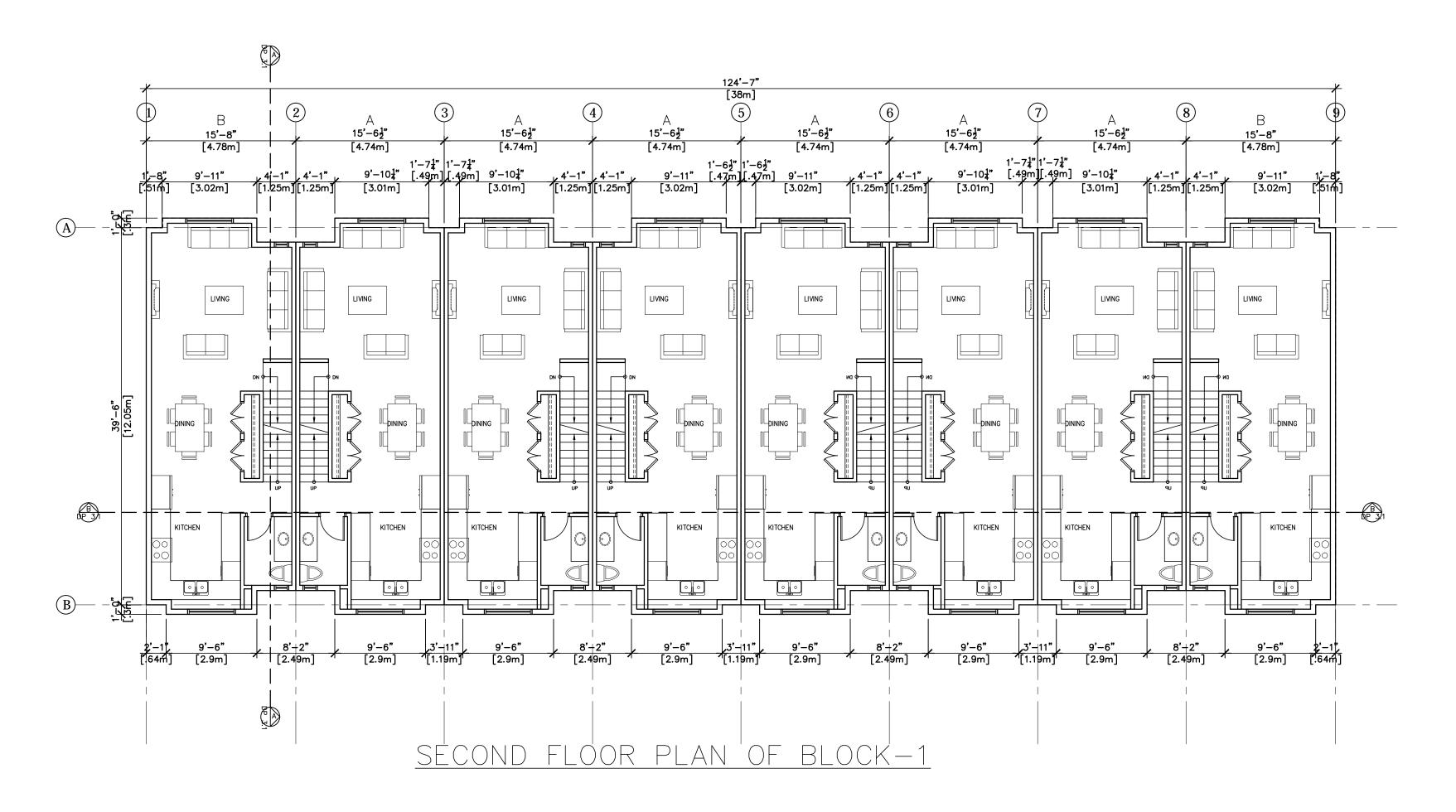
ATELIER PACIFIC ARCHITECTURE INC. NOVEMBER 14 2016



#### DP 0.5

**COLOR ELEVATIONS** 







5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

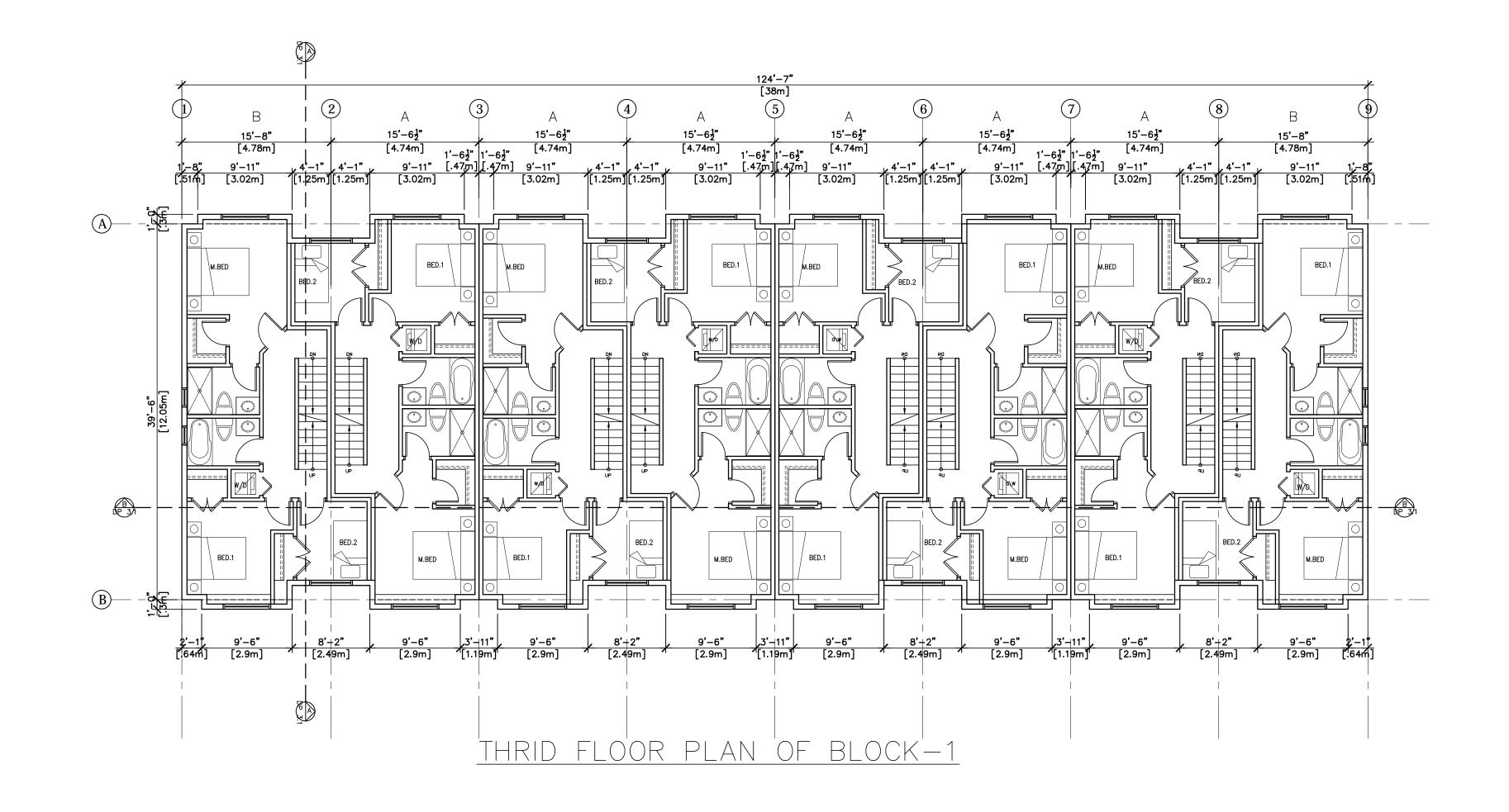
ATELIER PACIFIC ARCHITECTURE INC.

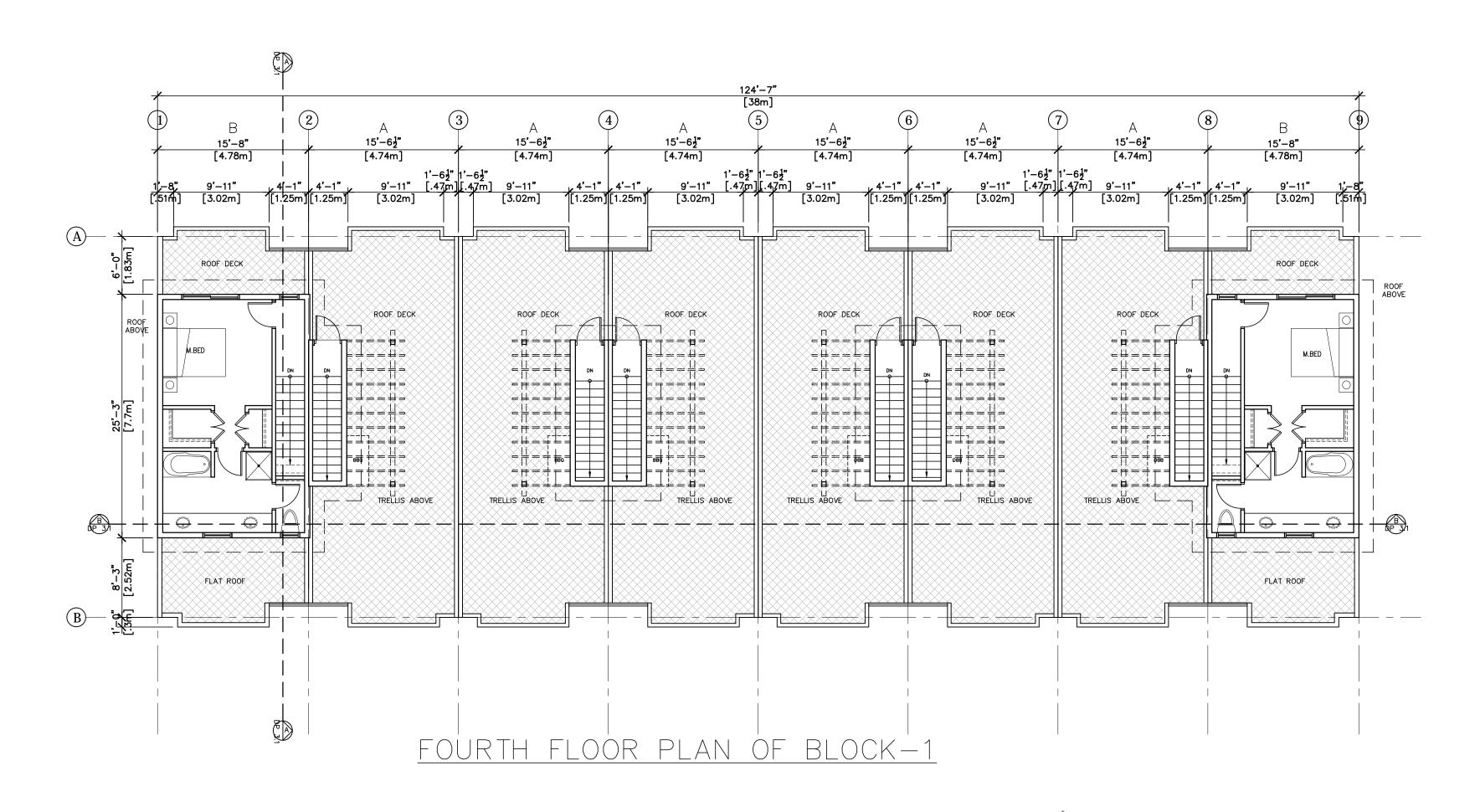
NOVEMBER 14 2016



DP 1.1

FLOOR PLANS

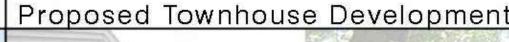






5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

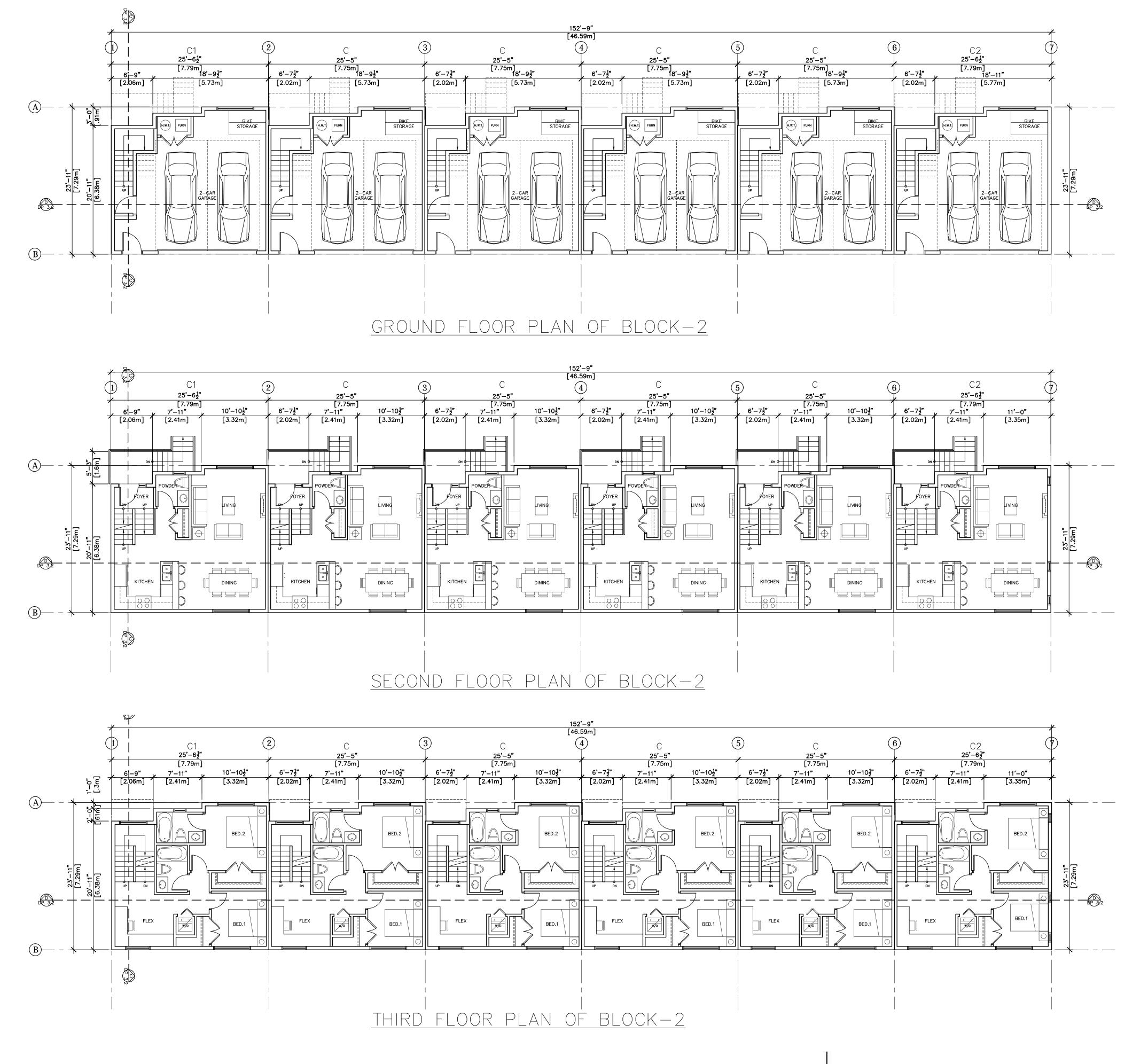
ATELIER PACIFIC ARCHITECTURE INC. **NOVEMBER 14 2016** 

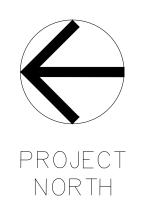




DP 1.2

FLOOR PLANS





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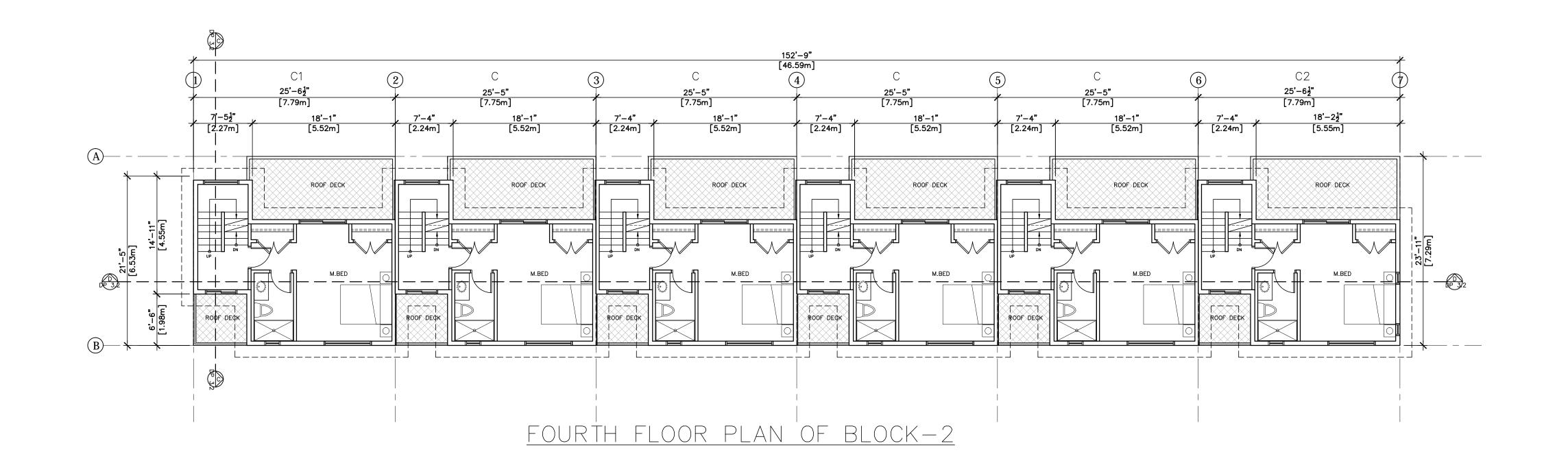
ATELIER PACIFIC ARCHITECTURE INC.

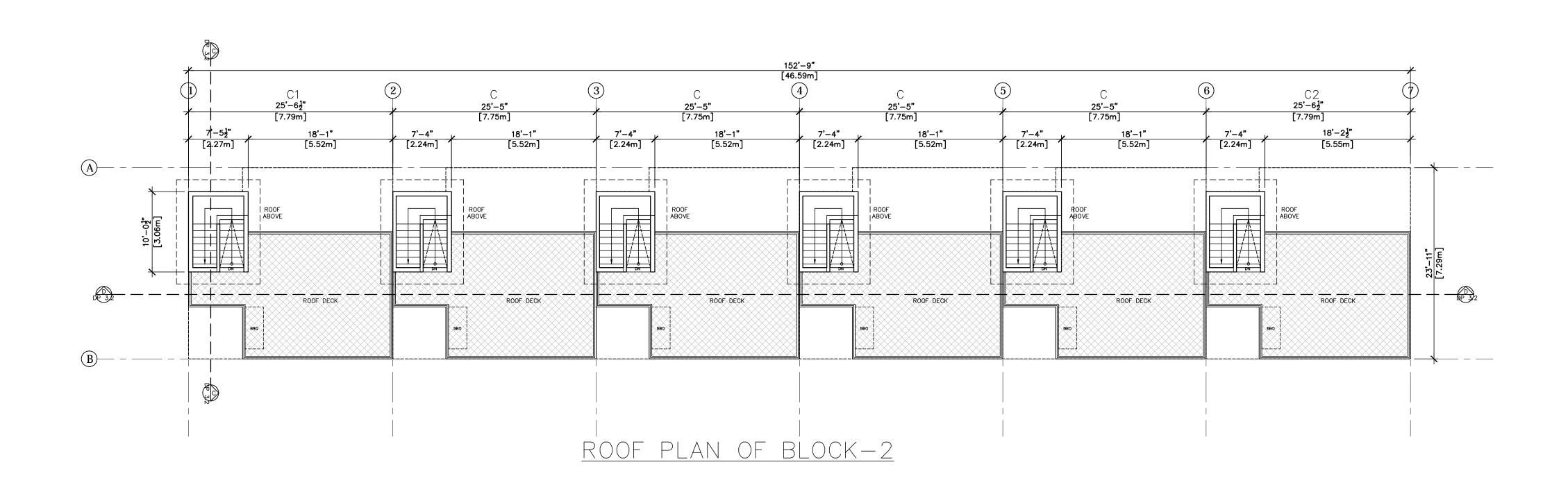
NOVEMBER 14 2016



DP 1.3

FLOOR PLANS







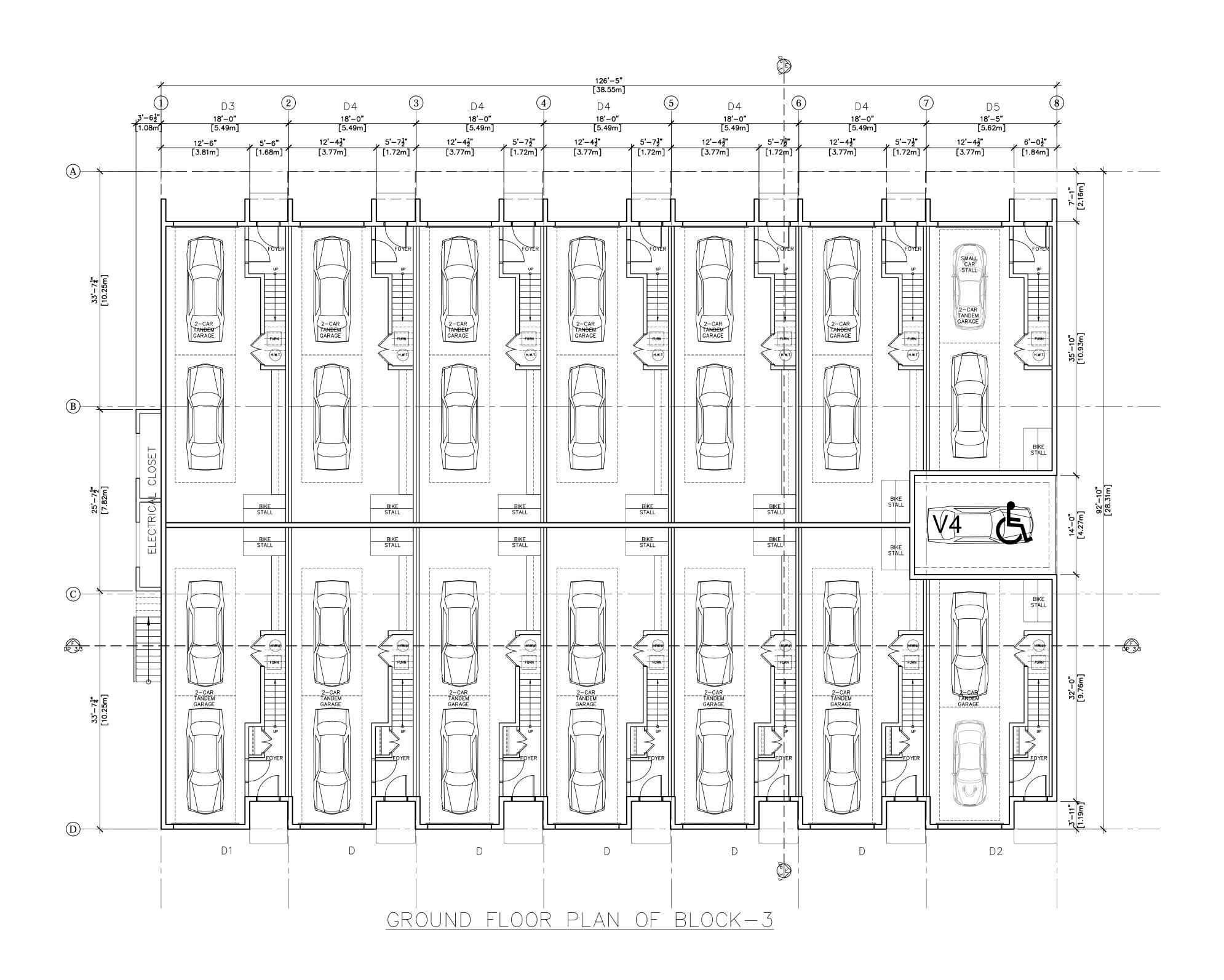
5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

NOVEMBER 14 2016



DP 1.4

FLOOR PLANS





5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

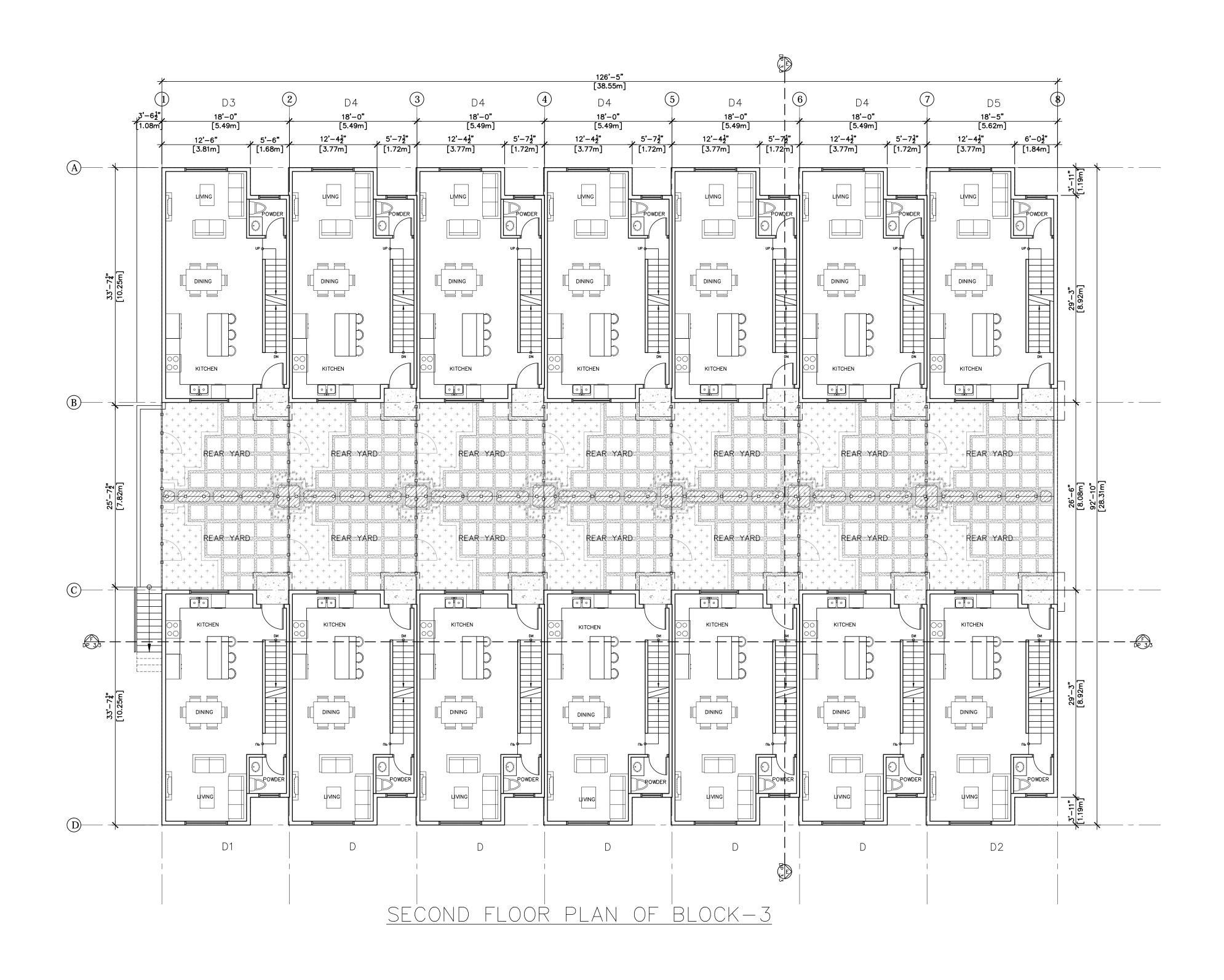
ATELIER PACIFIC ARCHITECTURE INC. **NOVEMBER 14 2016** 





DP 1.5

FLOOR PLANS





5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

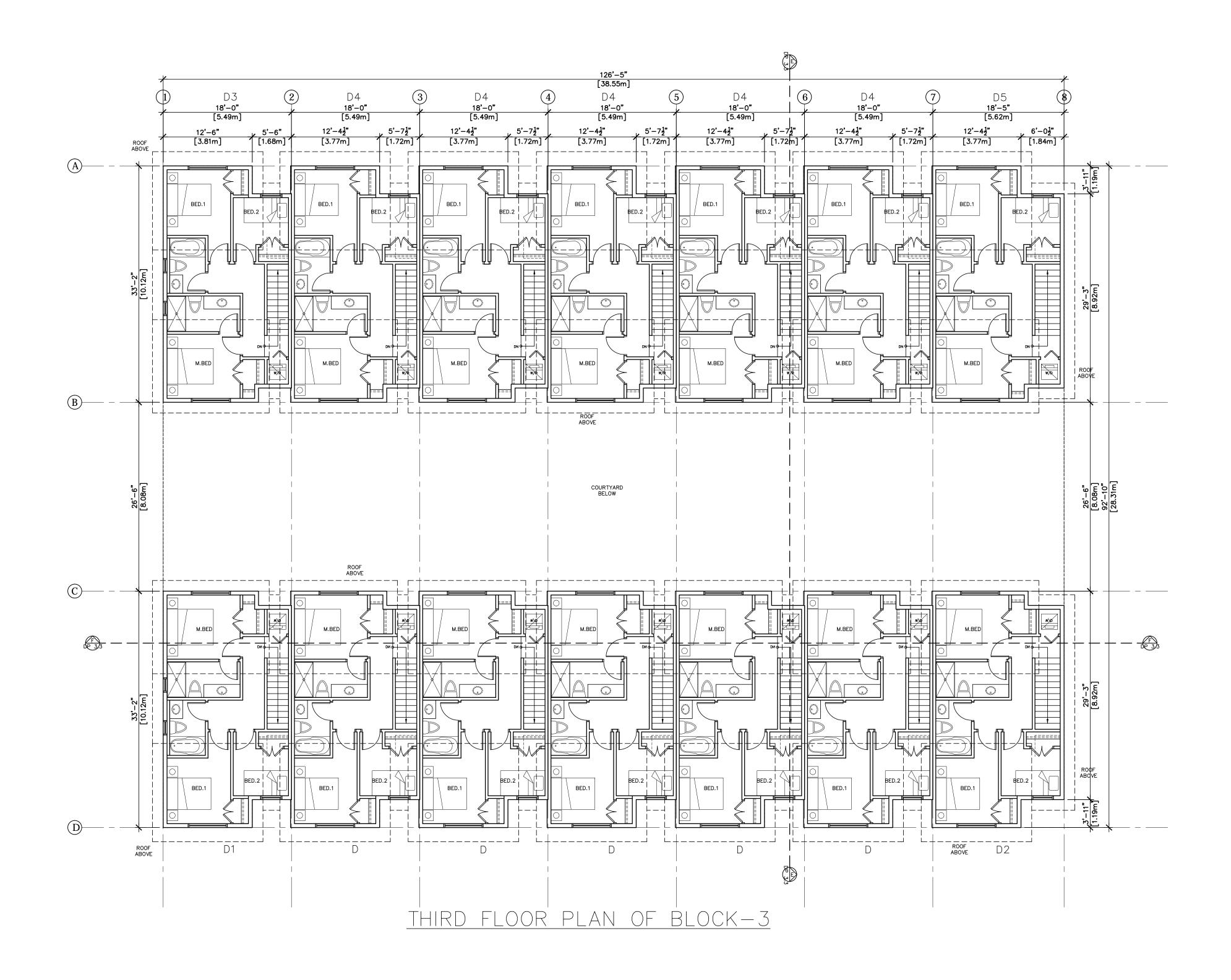
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DP 1.6

FLOOR PLANS





5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

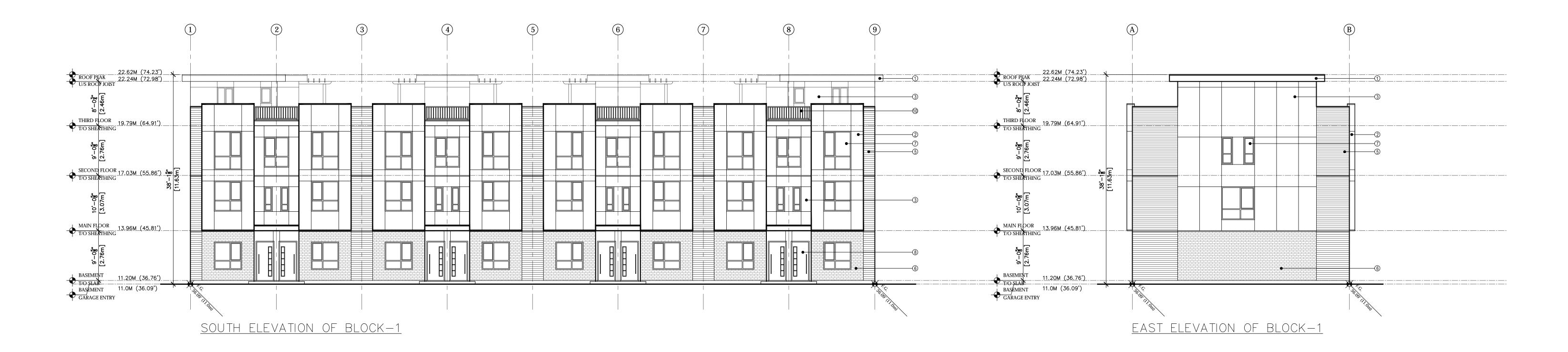
ATELIER PACIFIC ARCHITECTURE INC.

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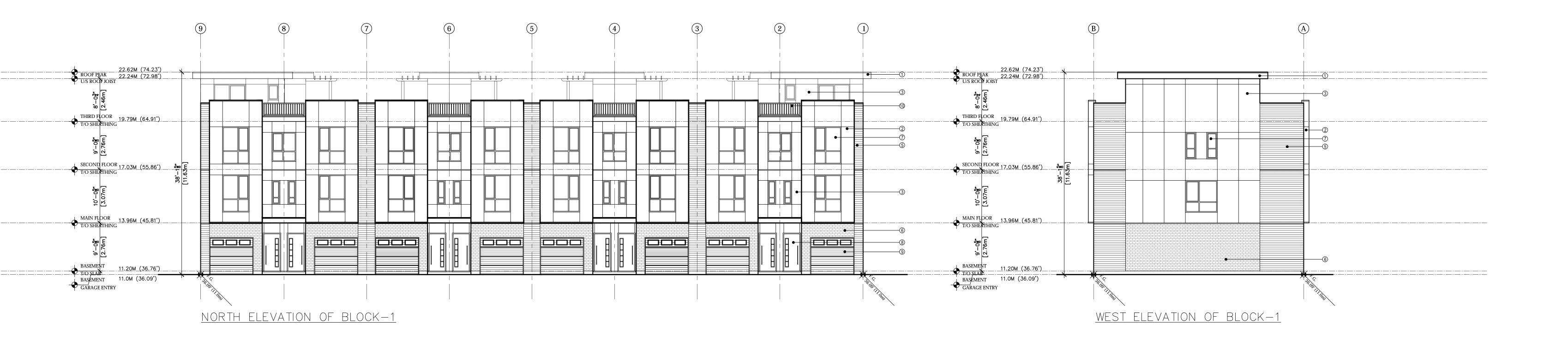


DP 1.7

FLOOR PLANS







**ELEVATIONS** 

DP 2.1

SCALE: 1:100

5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

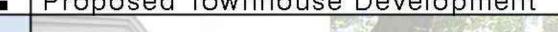
ATELIER PACIFIC ARCHITECTURE INC. NOVEMBER 14 2016





5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

ATELIER PACIFIC ARCHITECTURE INC. **NOVEMBER 14 2016** 



DP 2.2

⑥ RED BRICK VENEER

10 ALUMINUM RAILING

PAINTED / STAINED FIBER GLASS ENTRY DOOR

VINYL WINDOW

**ELEVATIONS** 

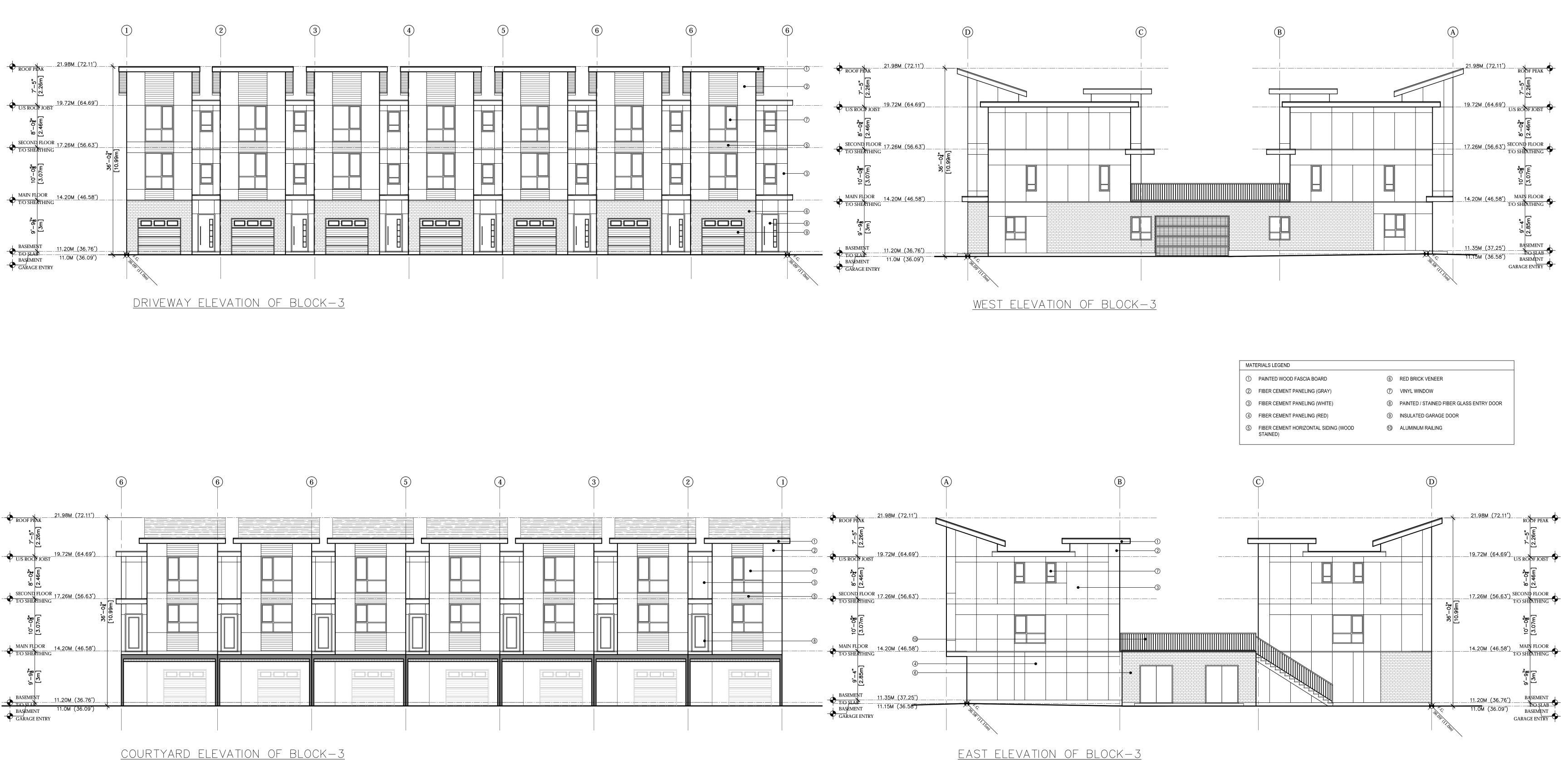
① PAINTED WOOD FASCIA BOARD

② FIBER CEMENT PANELING (GRAY)

3 FIBER CEMENT PANELING (WHITE)

4 FIBER CEMENT PANELING (RED)

5 FIBER CEMENT HORIZONTAL SIDING (WOOD



5501, 5503 and 5509 - 198th Street and 19771 - 55 Avenue, Langley, BC

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DP 2.3

**ELEVATIONS** 

