

#### 1. CONTEXT DESCRIPTION

The site is at 3747 — 3761 Renfrew Street, and the site area is approximately 8,044 SF. There are single family houses at the site.

The neighborhood consists of mixed commercial and residential uses in this area. The site fronts onto Renfrew Street at the east. Across Renfrew Street is the Renfrew Park and Community Centre. There is a 1—storey car repair shop at the south neighbour property, and there is a 2—storey office building at the north neighbour property. Further north are 2—storey commercial / residential buildings. There are single family houses across the back lane at the west property line.

#### 2 DESCRIPTION OF PROPOSAL

The proposal is to build a mixed used building with 18—secured market rental units and 2 retail units. The building will be 4 storey + roof amenity. The 1/F will have 2 retail units facing Renfrew Street. The 2/F to 4/F will be residential use only. The roof will be for amenity and open play area. All the dwelling units are to be secured market rental purpose. There will be 1 story basement parking providing a total of 15 parking spaces. A class B loading is proposed along the back lane. The height and massing of the building will generally follow the setback requirements as in RR—3A zoning. The total FSR will be 2.5 with a total FSR area of 20,110 SF

# 3. ARCHITECTURAL PLAN, POLICY AND GUIDELINE

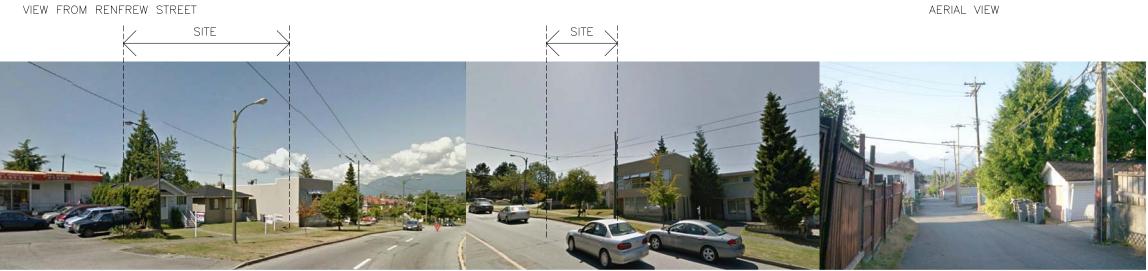
The current zoning is C1. The site is within the Renfrew — Collingwood planning area, and it is governed by the Renfrew—Collingwood policy. The proposal is to rezone to a CD zoning with a 2.5 FSR with all dwelling units for secured market rental purpose. The dwellings will be designed in accordance to the city rental incentive guidelines. All residential units will be registered under the Housing Agreement to secure the Tenure for a term of 60 years or life to the building. Under the City Secured Market Rental Housing Policy, proposed development of 4 storey plus roof amenity may be considered.

The building will comply with the low emission green building path for residential building as set out by the City of Vancouver.



LOCATION MAP AERIAL MAP





VIEW TOWARDS RENFREW STREET NORTH

VIEW TOWARDS RENFREW STREET SOUTH

VIEW TOWARDS SITE BACK LANE

DEVELOPMENT DATA CIVIC ADDRESS:

3747 RENFREW STREET, VANCOUVER BC

BLOCK H, SECTION 44, TOWN OF HASTINGS SUBURBAN LANDS PLAN EPP44380

LEGAL DESCRIPTION: BLOCK | 8,044SF

ZONING USE CD ( RENTAL INCENTIVE PROGRAM BASED ON RR-3A ZONING )

BASED ON RR-3A PROPOSED

(A) FLOOR AREA:

FLOOR AREA:

FLOOR AREA: FLOOR AREA: PERMITTED MAX FSR: 20,110 SF (2.5) TOTAL FSR AREA: 20,110 SF (2.5)

TOTAL 18 RESIDENTIAL UNITS (ALL SECURED MARKET RENTAL)

TOTAL 2 RETAIL UNITS

SITE AREA

 LEVEL
 NUMBER OF UNIT
 FSR AREA PER FLOOR
 SUBTOTAL
 FSR

 1
 RETAIL
 2968 SQ. FT.
 2968 SQ. FT.
 0.37

 1
 EXIT STAIR
 242 SQ. FT.
 242 SQ. FT.
 0.03

 1
 LOBBY
 898 SQ. FT.
 898 SQ. FT.
 0.03

 2
 6
 5195 SQ. FT.
 0.05

 3
 6
 5195 SQ. FT.
 0.05

 4
 6
 5195 SQ. FT.
 16483 SQ. FT.
 2.05

 5
 LOBBY & STAIR
 417 SQ. FT.
 417 SQ. FT.
 0.05

 TOTAL
 18
 20110 SQ. FT.
 2.50

(C) BUILDING COVERAGE: NO REQUIREMENT BUILDING COVERAGE: 5986 SQ. FT. / 8,044 SF = 74.4%

(D) BUILDING HEIGHT: 4 STOREY EXCLUDING ROOF AMENITY

BUILDING HEIGHT: 4 STOREY WITH ROOF AMENITY

4 STOREY EXCLUDING ROOF AMENITY

MAX HEIGHT 50'-2" (15.3M)

EXCLUDING ROOF AMENITY

49'-11" (15.22M) (EXCLUDING ROOF AMENITY)

61'-11" (18.88M) (INCLUDING ELEVATOR OVERRUN)

(E) SETBACK: FRONT YARD - 8'-2" (2.5M) SETBACK: FRONT YARD - 8'-2" (2.5M) SETBACK ON RENFREW STREET

SIDE YARD - NO REQUIREMENT TO C-ZONE

REAR YARD - RESIDENTIAL 20'-0" (6.1M)

SIDE YARD SETBACK - NO SETBACK ALONG SIDE PROPERTY (ADJORNING C1)

REAR YARD SETBACK - 20'-2" (6.16M) AT 2/F-4/F RESIDENTIAL

COMMERCIAL 5'-0" (1.5M)

REAR TARD SETBACK - 20 -2 (0.10M) AT 2/F-4/F RESIDENTIAL

- 12-10" (3.92M) AT 1/F COMMERCIAL

(F) PARKING REQUIREMENT: PARKING PROVIDED:

1 PER 1076SF (100SM) = 3 CARS

(G) BICYCLE SPACE REQUIREMENT:

- FIRST 5000 SF (465SM)

(a) RESIDENTIAL:

17 DWELLINGS (RENTAL): MIN REQUIRED 1 PER 1345SF (125SM)=

NUMBER OF PARKING STALL:

10 REQUIRED REGULAR PARKING

DWELLINGS (RENTAL): MIN REQUIRED 1 PER 1345SF (125SM)=

10 REQUIRED REGULAR PARKING STALLS (66%)

16486 SF RESIDENTIAL AREA

1 DISABLED PARKING STALL (7%)

1 PER 1345 SF = 12 CARS 4 REQUIRED SMALL PARKING STALL (27%)

BICYCLE SPACE PROVIDED:

(b) RETAIL: TOTAL 15 STALLS

RETAIL 2968 SF:

RESIDENTIAL - CLASS A 1.5 CLASS A PER UNIT < 65SM 6X1.5= 9 12 STACK BICYCLE STORAGE 2.5 CLASS A PER UNIT 65SM-105SM 12X2.5=30 11 VERTICAL BICYCLE

- CLASS B NOT REQUIRED - CLASS A 1 PER 340 SM 2891SF / 3660SF (340SM)= 1 TOTAL 40 CLASS A BICYCLE

- CLASS B NOT REQUIRED

: 1 CLASS B

(H) LOADING REQUIREMENT: LOADING PROVIDED:

RESIDENTIAL : NOT REQUIRED 1 CLASS B LOADING PROVIDED
RETAIL 2833 SF

(I) DWELLING MIX: 35% TWO OR MORE BEDROOMS

DWELLING MIX: 12 TWO-BEDROOM DWELLING UNIT (SIZE: 817-892 SF) (67%)

6 ONE-BEDROOM DWELLING UNIT (SIZE: 654-692 SF) (23%)

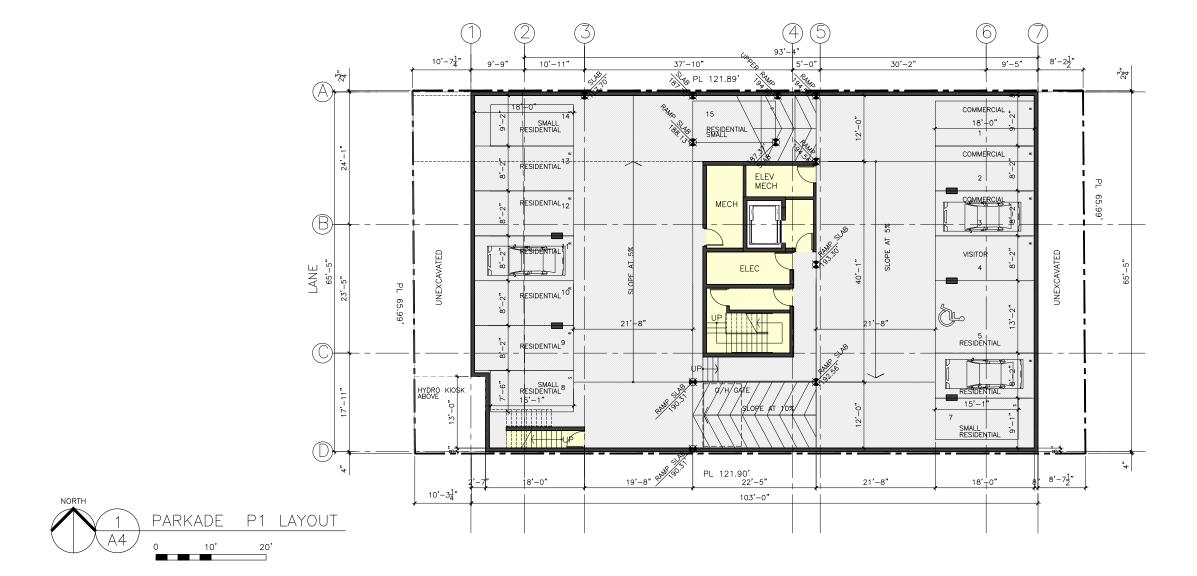
TOTAL: 18 DWELLING UNITS



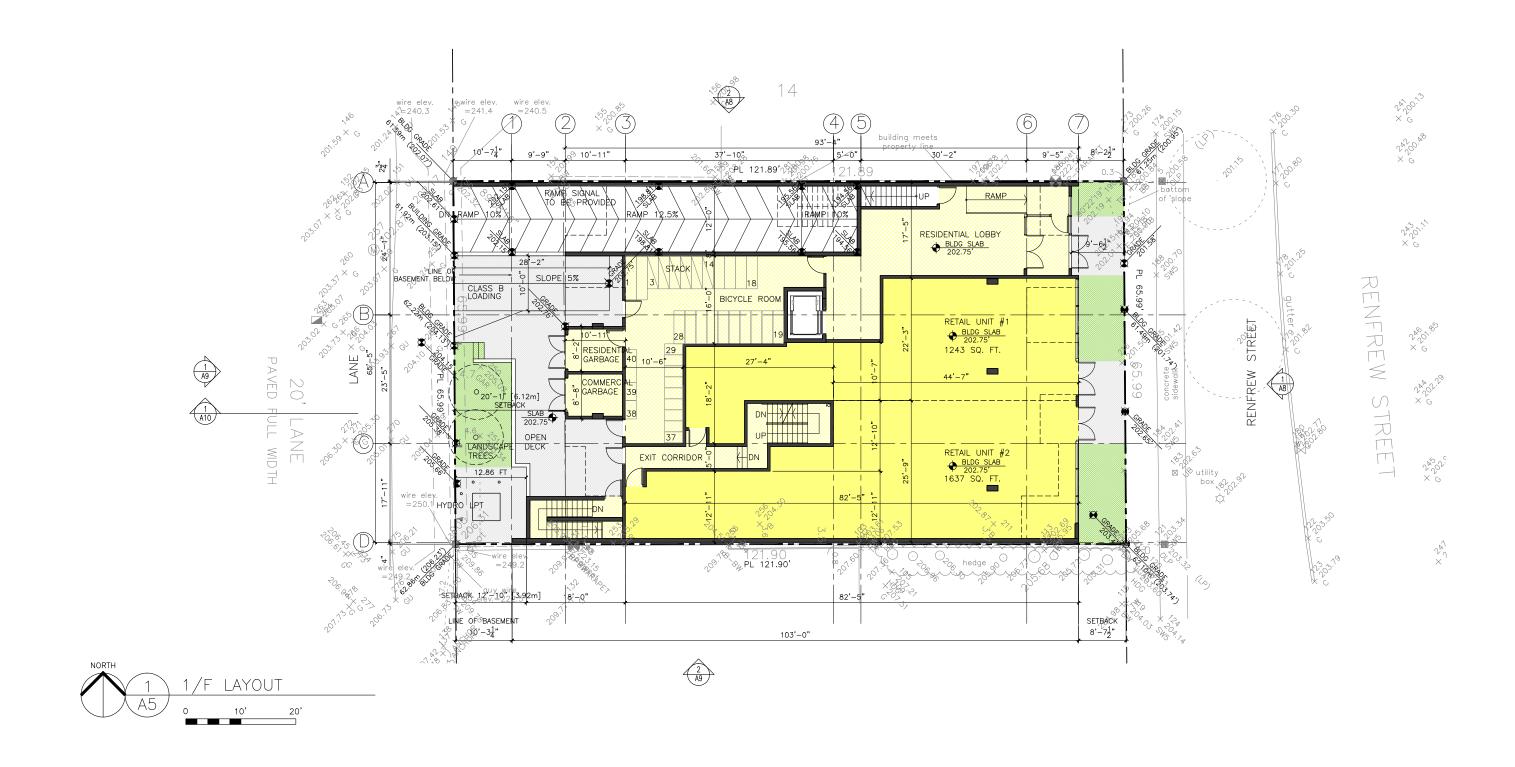
RENFREW STREET VIEW

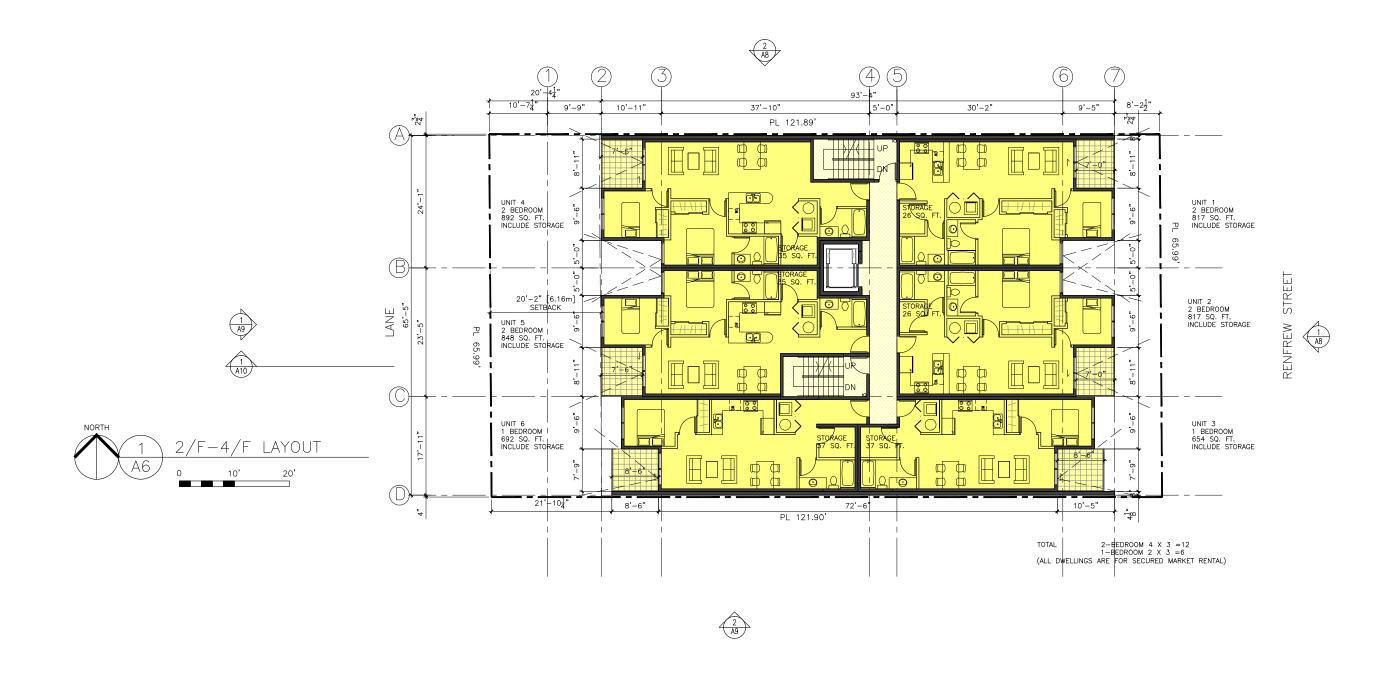


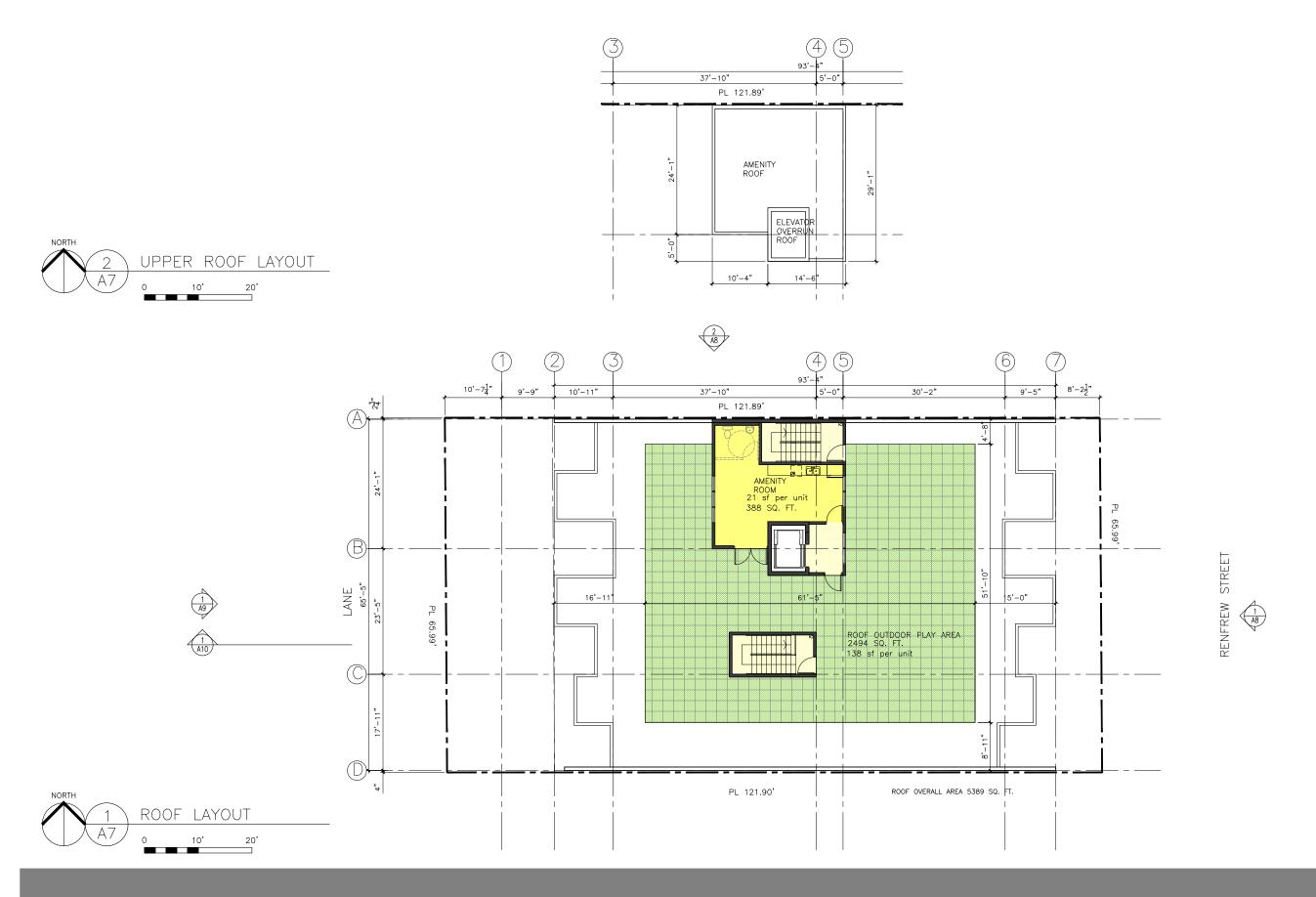
BACK LANE VIEW

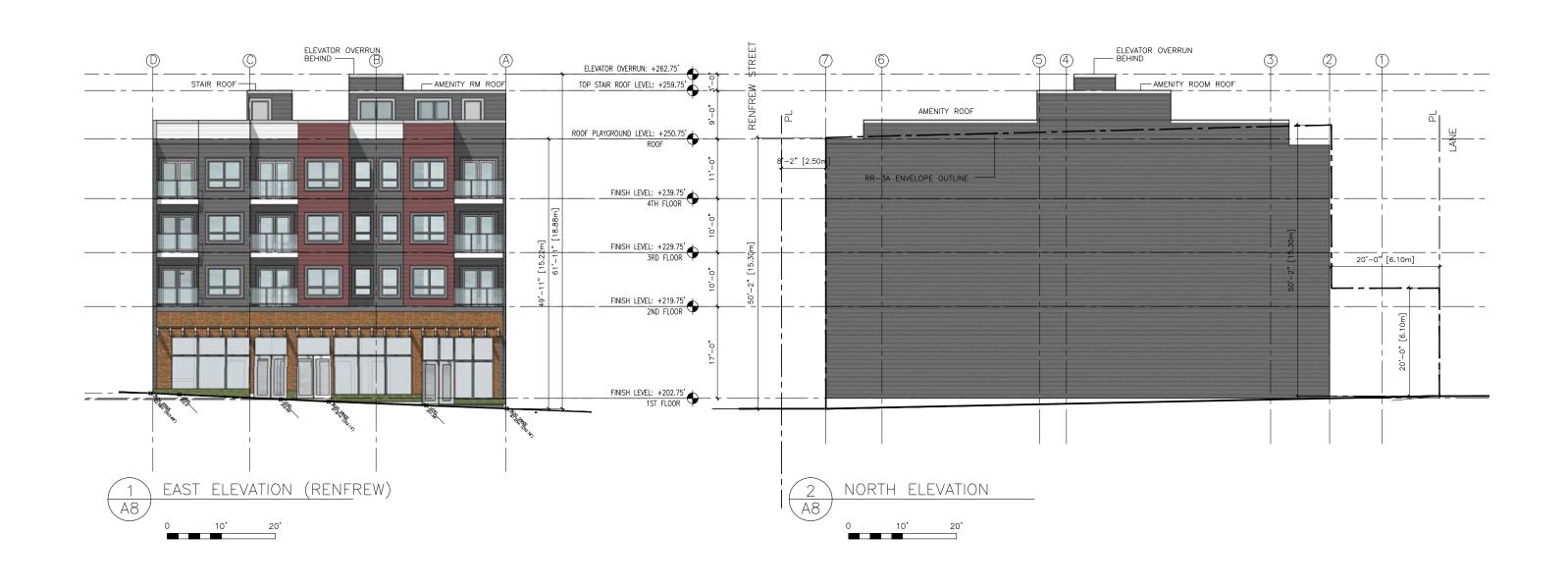


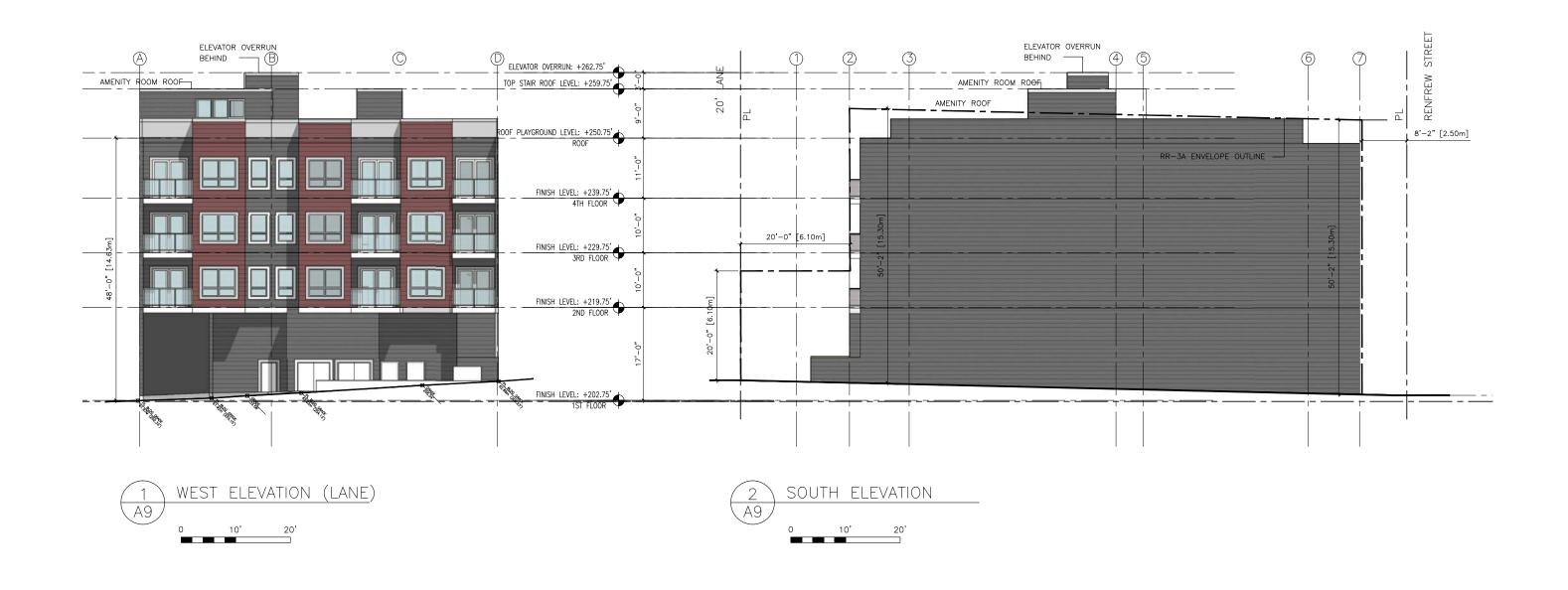
RENFREW STREET

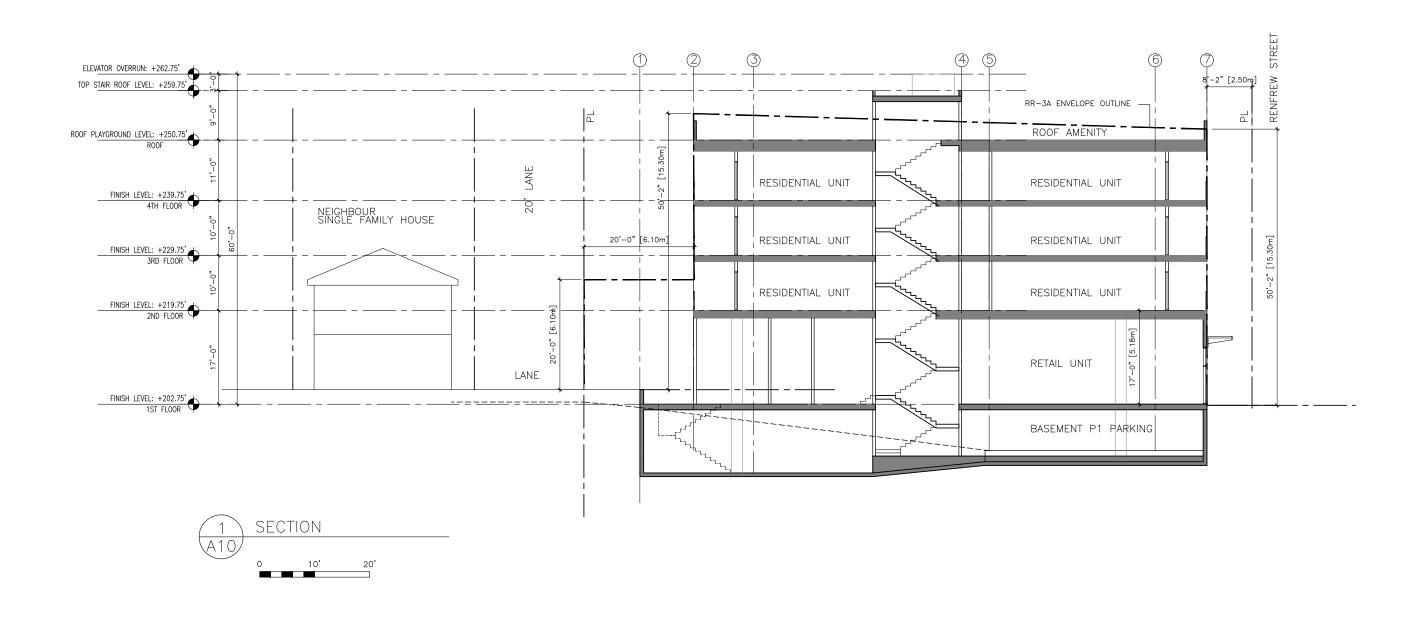














SHADOW STUDY MARCH 21-10:00AM



SHADOW STUDY MARCH 21-12:00PM

SHADOW STUDY

MARCH 21-2:00PM



200 Mg (2000 Am - -) Count | 270 Mg - -



SHADOW STUDY

SHADOW STUDY

SHADOW STUDY

JUNE 21-2:00PM

JUNE 21-12:00PM

JUNE 21-10:00AM

3700 Reidiew St.





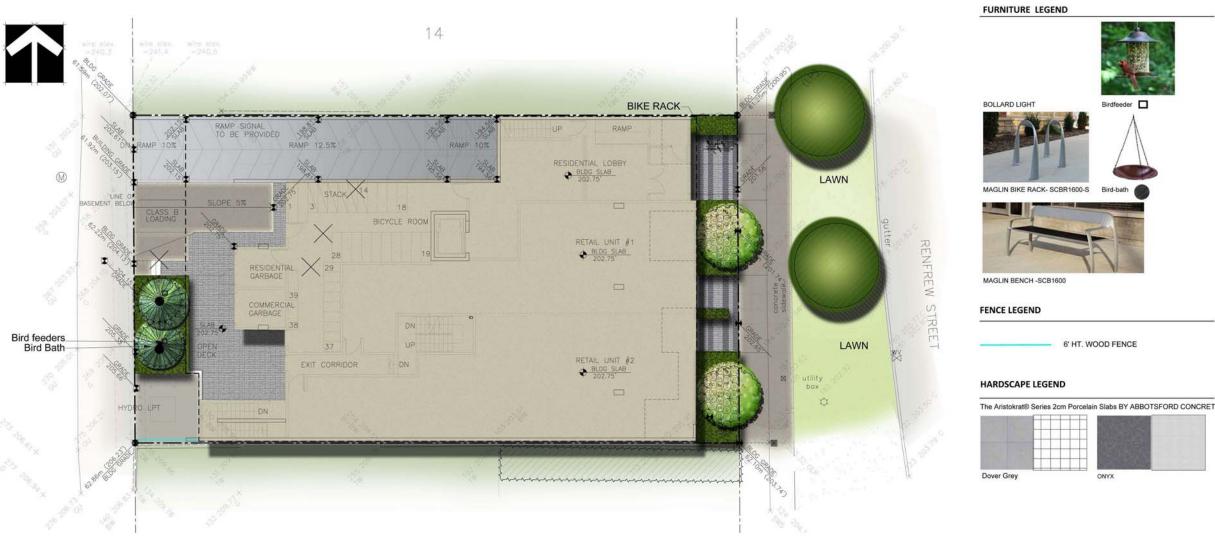
SHADOW STUDY SEPTEMBER 21-10:00AM

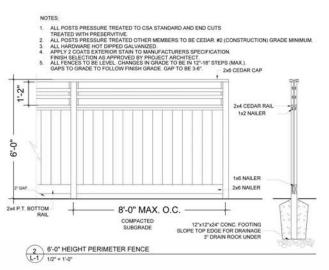


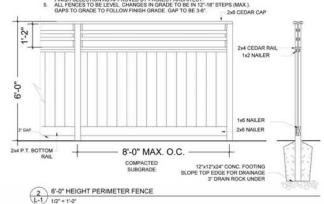
SHADOW STUDY SEPTEMBER 21-12:00PM



SHADOW STUDY SEPTEMBER 21-2:00PM







NOTES: \* PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD. LATEST EDITION. CONTAINER SIZES. SPECIFIED AS PER CIVIA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. \* REFER TO SPECIFICATIONS FOR DEFINED CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. \* REFER TO SPECIFICATIONS FOR DEFINED CONTAINER MEASUREMENTS AND OTHER PLANT MATERIAL REQUIREMENTS. \* SEARCH AND REVIEW: MAKE PLANT MATERIAL AVAILABLE FOR OPTIONAL REVIEW BY LANDSCAPE ARCHITECT AT SOURCE OF SUPPLY. AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND FRASER VALLEY. \* SUBSTITUTIONS: OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF FIVE DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTIONS ARE SUBJECT TO BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY: ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD LATEST EDITION: ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY. \* BIO-SOLIDS NOT PERMITTED IN GROWING MEDIUM UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT.

JAPANESE MAPLE

SERBIAN SPRUCE

PURPLE NINEBARK

CRISPA SPIRAEA

BOXWOOD

HICK'S YEW

COASTAL SERVICEBERRY

SCARLET MEIDILAND ROSE

COMPACT MAIDEN GRASS

LONGLEAF MAHONIA

THREADLEAF COREOPSIS; YELLOW

GRASS (M) 56 (M) 8 PERENNIAL

6 84

PLANT SCHEDULE
KEY QTY BOTANICAL NAMI

ACER PAI MATUM

PICEA OMORIKA

\*AMELANCHIER ALNIFOLIA

ROSA 'SCARLET MEIDILAND'

TAXUS X MEDIA 'HICKSII'

SPIRAEA X BUMALDA 'CRISPA

\*PHYSOCARPUS OPULIFOLIUS 'DIABOLO'

BUXUS SEMPERVIRENS GREEN VELVET

MISCANTHUS SINENSIS 'LITTLE KITTEN'

COREOPSIS VERTICILLATA 'MOONBEAM'

All soft landscape areas to be irrigated with automatically installation to I.I.A.B.C. Standards, latest edition

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

REVISION DESCRIPTION

WITH: MATTHEW CHENG ARCHITECT INC

## **RENTAL HOUSING AND** COMMERCIAL DEVELOPMENT

**3747 RENFREW STREET** VANCOUVER

## LANDSCAPE PLAN

SCALE: DESIGN: DO CHK'D: PCM OF 3 PMG PROJECT NUMBER 21-244

PLANTED SIZE / REMARKS

5CM CAL: 1M STD: B&B

2.5M HT; B&B

#2 POT: 40CM

#3 POT; 50CM

#3 POT; 40CM

#2 POT: 40CM

#2 POT; 40CM

1.0M B&B

#1 POT

#1 POT

15CM POT

#2 POT; 25CM





PL 121.90

| PLANT SCHEDULE |     |  |                                |                        |
|----------------|-----|--|--------------------------------|------------------------|
| KEY            | QTY | BOTANICAL NAME                         | COMMON NAME                    | PLANTED SIZE / REMARKS |
| TREE           | 4   | Acer palmatum 'Twombly's Red Sentinel' | COLUMNAR RED JAPANESE MAPLE    | 2.5M HT; B&B           |
| SHRUB          | 100 | Acer paintatum 1 wombly 3 New Sentiner | OOLOWINAN NED VAPANESE MAPLE   | 2.58(11), 505          |
| (B)            | 8   | BUXUS SEMPERVIRENS GREEN VELVET        | BOXWOOD                        | #3 POT; 40CM           |
| GRASS          | 15  | TAXUS X MEDIA 'HICKSII'                | HICK'S YEW                     | 1.0M B&B               |
| (KF)           | 12  | CALAMAGROSTIS X A. 'KARL FOERSTER'     | KARL FOERSTER FEATHEREED GRASS | #2 POT, HEAVY          |
| (CA)           | 16  | CAREX OSHIMENSIS EVERGOLD              | SEDGE                          | #1 POT                 |
| 8              | 36  | STRAWBERRY                             | STRAWBERRY PLANTS              | 9CM POT                |

NOTES: \* PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD, LATEST EDITION, CONTAINER SIZES SPECIFIED AS PER CNLA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. \* REFER TO SPECIFICATIONS FOR DEFINED CONTAINER SOURCE OF SUPPLY. AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND FRASER VALLEY. \* SUBSTITUTIONS: OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL. UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF FIVE DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTE. SUBSTITUTIONS ARE SUBJECT TO BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY. \* ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD LATEST EDITION. \* ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY. \* BIO-SOLIDS NOT PERMITTED IN GROWING MEDIUM UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT.

#### NOTES:

All soft landscape areas to be irrigated with automatically installation to I.I.A.B.C. Standards, latest edition



#### **FURNITURE**



JAMBETT PLAY EQUIPMENT A-17000 (La villa des bois)

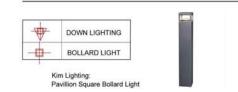




ALUMINUM PLANTER

MAGLIN-720-series chair-wood

#### LIGHTING LEGEND



4X10. BOLTED & 8" CONSTRUCTION GRADE CEDAR POST POST SADDLE, BOLTED FOOTING BY GALVANIZED BRACKET 1/2" REVEAL IN FOOTING OVER BIRD'S EYE GRAVEL AND NILEX PD 20 DRAIN MAT PROTECTED SLAB BY OTHERS ALL MEMBERS TO BE CEDAR #2 (CONSTRUCTION) GRADE MINIMUM.
 ALL HARDWARE HOT DIPPED GALVANIZED. 3. APPLY 2 COATS EXTERIOR STAIN TO MANUFACTURERS SPECIFICATION. FINISH SELECTION AS APPROVED BY PROJECT

NO. DATE REVISION DESCRIPTION CLIENT: SIAN ENTERPRISES LTD. WITH: ERIC LAW ARCHITECT

WITH: MATTHEW CHENG ARCHITECT INC.

#### RENTAL HOUSING AND COMMERCIAL DEVELOPMENT

**3747 RENFREW STREET** VANCOUVER

# LANDSCAPE PLAN ROOFTOP

DRAWN: DD DESIGN: DO OF 3 CHK'D: PCM 21-244