Schedule 1 to the Minutes of the Development Permit Panel meeting held on Wednesday, July 16, 2025

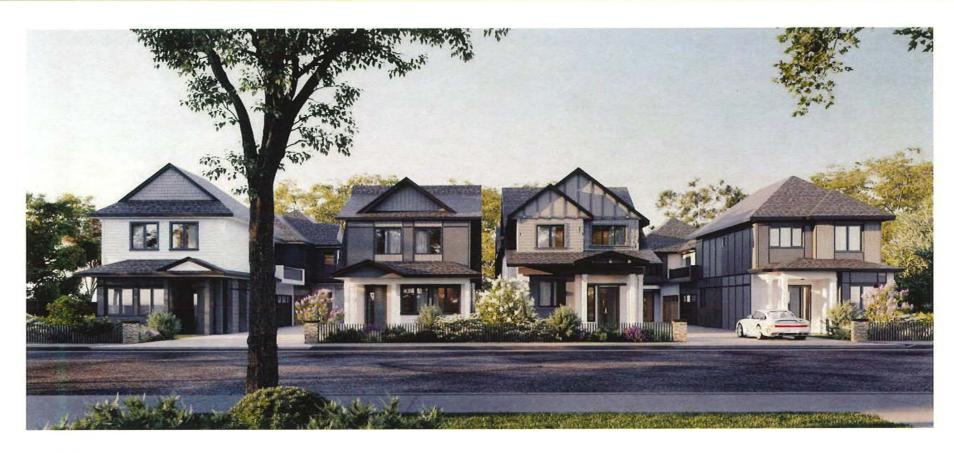
4 - ARTERIAL RD. DUPLEXES

5120, 5140 WILLIAMS RD.

Owner Alta West Development Group Ltd. (Patrick Zheng)

Architect Matthew Cheng Architect Inc. (Matthew Cheng)

Landscape Architect PMG Landscape Architects Ltd. (Yiwen Ruan)



Subdivide & Rezone 2 lots into 4 duplex lots 5120, 5140 Williams Rd.

Context

Site On Williams Rd.

East of Railway Ave.

North of Williams Single-family dwellings

A couple old duplexes

South of Williams Single-family dwellings

Rear of properties Single-family dwellings



Context North of Williams Rd. (opposite site)









Context South of Williams Rd.



East of site - Single Family



West of site – Single Family



East of site - Single Family



West of site – Single family

Rezoning

OCP

Arterial Road Duplex / Triplex

Rezoning

RSM/L to RDA

(Arterial Road Two-Unit Dwellings)

Subdivision

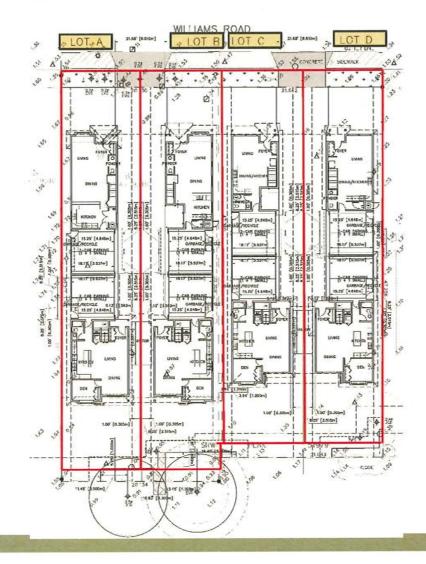
2 lots into 4 lots



N T

Site Plan

Original Site Area	1012 + 993 = 2005 sm.	
Subdivided lot area (Min. 464.5 sm.)	Lot A Lot B Lot C Lot D	517.87 sm. 516.47 sm. 486.46 sm. 486.44 sm.
Subdivided lot width (Min. 10.29 sm.)	Lot A Lot B Lot C Lot D	10.30 sm. 10.30 sm. 10.30 sm. 10.30 sm.
No of units	8 units	
FAR (lesser of 0.6 or 334.5 sm.) (Each unit min. 125.4 sm. & max. 183.9 sm.)	Lot A Lot B Lot C Lot D	o.6 (310.72 sm.) o.6 (310.22 sm.) o.6 (291.74 sm.) o.6 (291.74 sm.)



Parking

Lot A + Lot B Access Easement

Lot A 2 regular + 2 small

Lot B 2 regular + 2 small

Visitor 1 (Shared between Lot A & B)

Lot C + Lot D Access Easement

Lot C 2 regular + 2 small

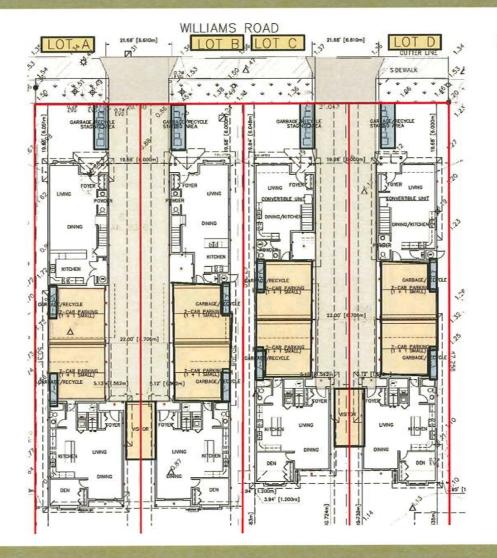
Lot D 2 regular + 2 small

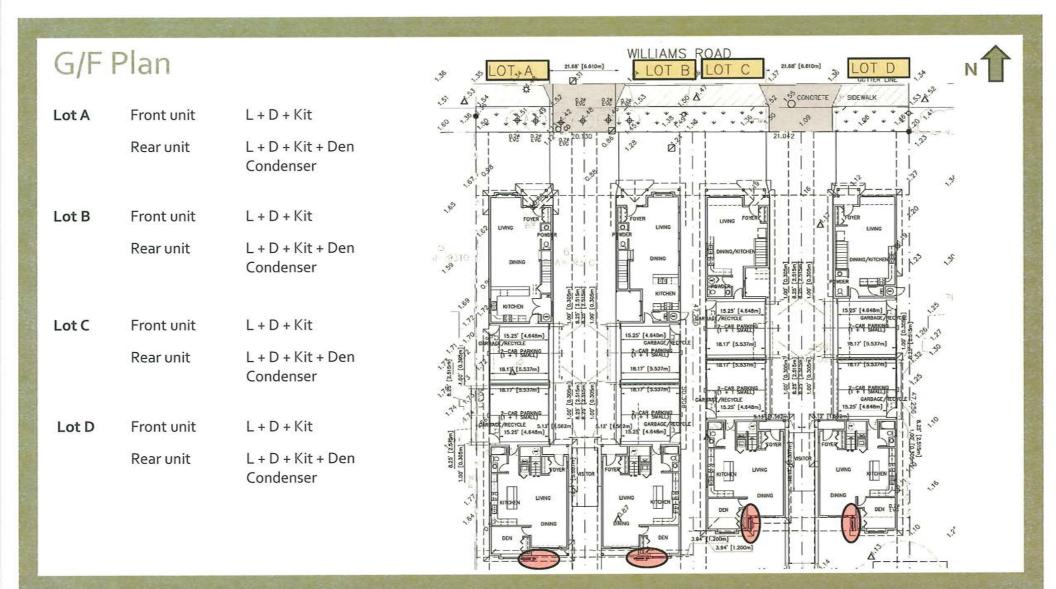
Visitor 1 (Shared between Lot C & D)

Garbage & Recycle

Storage Inside garage

Staging area At driveway entrance



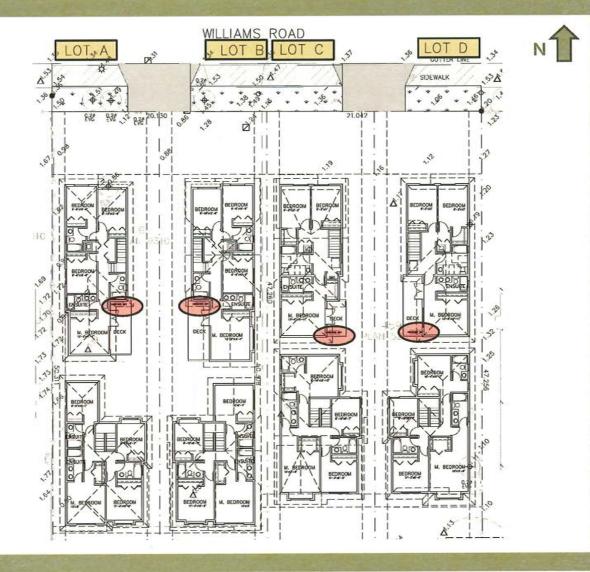


2/F Plan

4 bed + 3 bath Lot A Front unit Condenser 4 bed + 3 bath Rear unit 4 bed + 3 bath Lot B Front unit Condenser Rear unit 4 bed + 3 bath Lot C Front unit 3 bed + 2 bath Condenser Rear unit 4 bed + 3 bath 3 bed + 2 bath Front unit Lot D Condenser

Rear unit

4 bed + 3 bath



Convertible Units

- · Chairlift to second floor
- 4m (13'-2") wide accessible parking space provided
- Entry door (2'-10" clear) (Rough in for future door opener) (No Step)
- Interior doors (2'-8" clear) (1 bed & 1 bath)
- Hallway (3'-o")

WC

- Toilet at side & in front (3'-4")
- Blocking for future grab bars (Toilet, Tub, Shower)
- Lever style plumbing fixtures
- Cabinets easily removed
- Bath and shower controls accessible

Kitchen

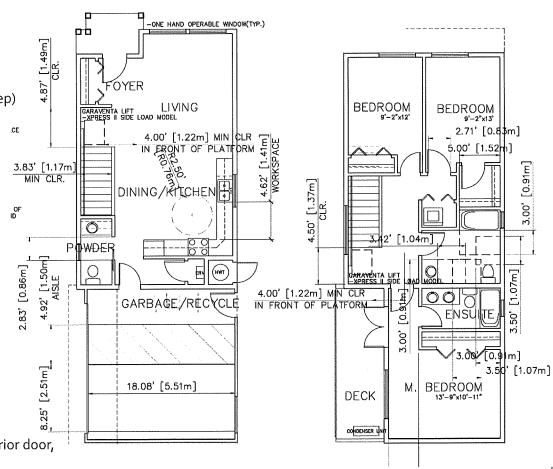
- Plumbing & gas pipes clear of under counter space
- Cabinets easily removed
- 5' turning diameter
- Level-type handles

Windows

• Opened with 1 hand (Min. 1)

Outlets and switches

- Outlets beside window, bottom of stair, beside toilet, above exterior door, in front of kitchen counter
- Within proximity of control center for smart home option
- Upgrades to four-plex outlets in master bed, home office, garage & rec rm



Aging in place

- Stairwell handrails
- Lever-style plumbing faucets & door handles
- Blocking in washroom walls for grab bars

Wayfinding

- All units to be visible and in contrasting colors.
- Site address visible from street & in contrasting colors.

CPTED

(Crime Prevention Through Environmental Design)

Visual surveillance

Windows adjacent to front and rear yard, shared driveway / courtyard

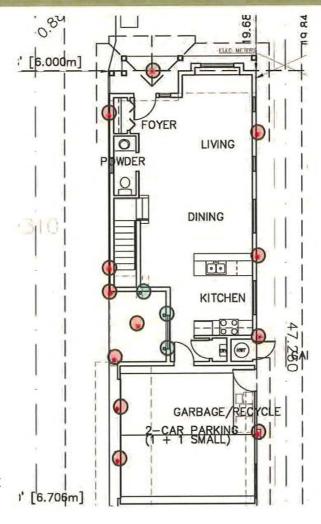
Exterior lights

- Ceiling lights in entry porches / turning niches
- Wall lights along shared driveway / courtyard & exterior walls
- Bollard lights at turning niches

LEGEND:

- WALL MOUNTED LIGHTING
- IN SOFFIT LIGHTING
- ON BOLLARD LIGHTING
- ELECTRICAL PANEL CONCRETE BOLLARD

Sample Unit Lot B front unit



Sustainability

- Energy Step Code 3 + Zero Carbon EL (Emission Level) 4
- **Certified Energy Advisor**

Step 5 Solutions

Primary Heating

Air source heat pump for heating and cooling

Secondary Heating

In floor radiant heating with electric boiler

Cooling

Air source heat pump for heating and cooling

Ventilation

HRV

45 CFM (cubic feet / minutes)

Domestic Hot water

Electric storage tank

Airtightness

ACH @50 Pa

2.5 or less

(Air exchange per hour)

Windows

Double glazed Low-E Argon

U value

1.40 or lower SHGC o.40 or higher

(solar heat gain coefficient)

Doors

Fiberglass polystyrene core doors

Insulation

Walls (2X6 @ 16") R-24 Roof (Truss @ 24") R-50

5" medium density spray foam Rim Joists

Floor over unheated space R-31

R-12 (3" EPS) Slab

Sustainability

Water Conservation

- Dual flush toilets
- Drought tolerant plants

Energy Conservation

- Energy star appliances
- LED lighting
- Programmable thermostats
- Motion sensing light in power rm & master ensuite
- Low E glass windows

All Residential parking space

- 240 280 V Outlets
- Support Level 2 charging (Min. 12 KWH within 8 hour)

Building materials

- Renewable materials wood
- Local building materials
- Durable building materials

Waste Reduction

- 3 stream waste bins for construction
- Compost bins in kitchen
- Garbage and recycle bins in garage

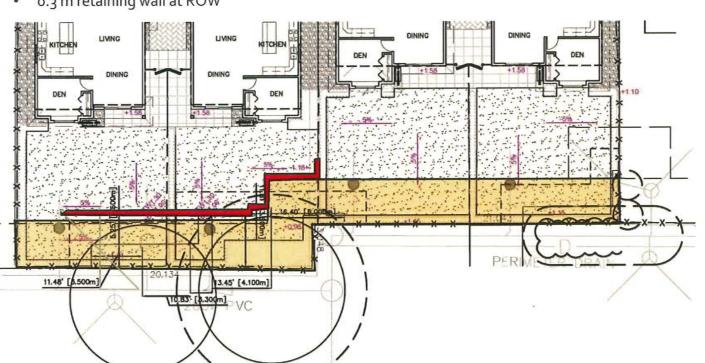
Health and Air quality

- Retain and plant perimeter trees
- LOC paints, adhesives and floorings

Grading

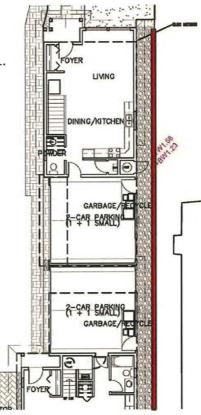
South P.L.

- No change of grade at ROW
- Rear yard slope down 5%
- o.3 m retaining wall at ROW



East P.L.

• 0.35m retaining wall at P.L.



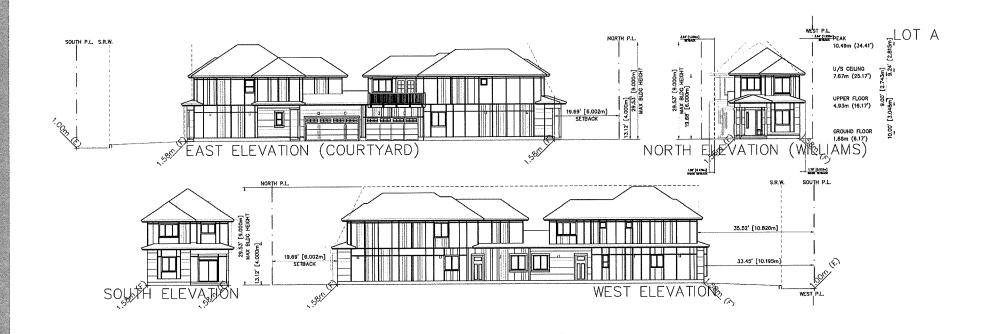
Streetscape along Williams Rd.



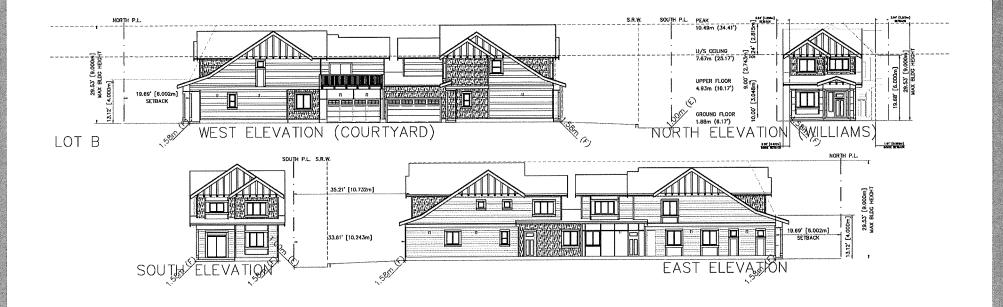
Rear Yard Elevations



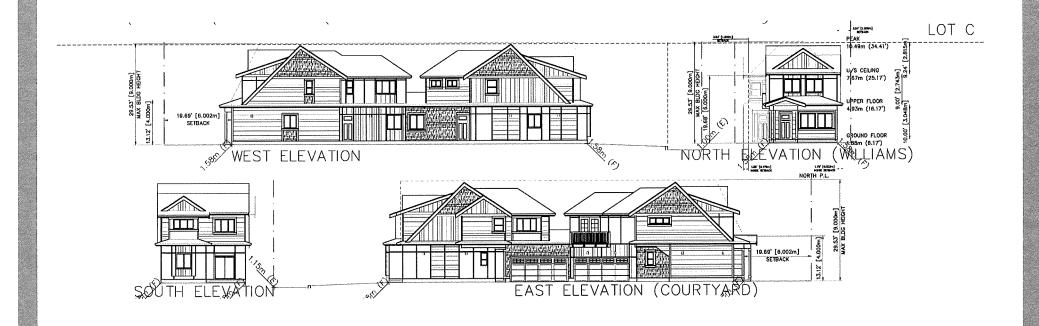
Lot-A Elevations



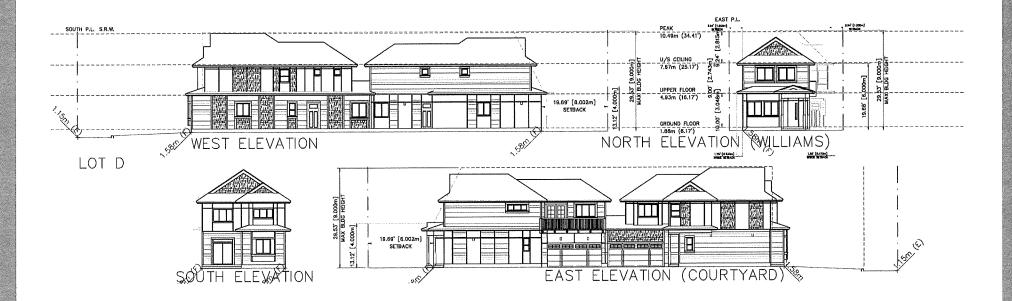
Lot -B Elevations



Lot-C Elevations



Lot-D Elevations





Along Williams Rd



Williams Rd from NW



Williams Rd. from NE



Rear Yard from SE



Rear Yard from SW



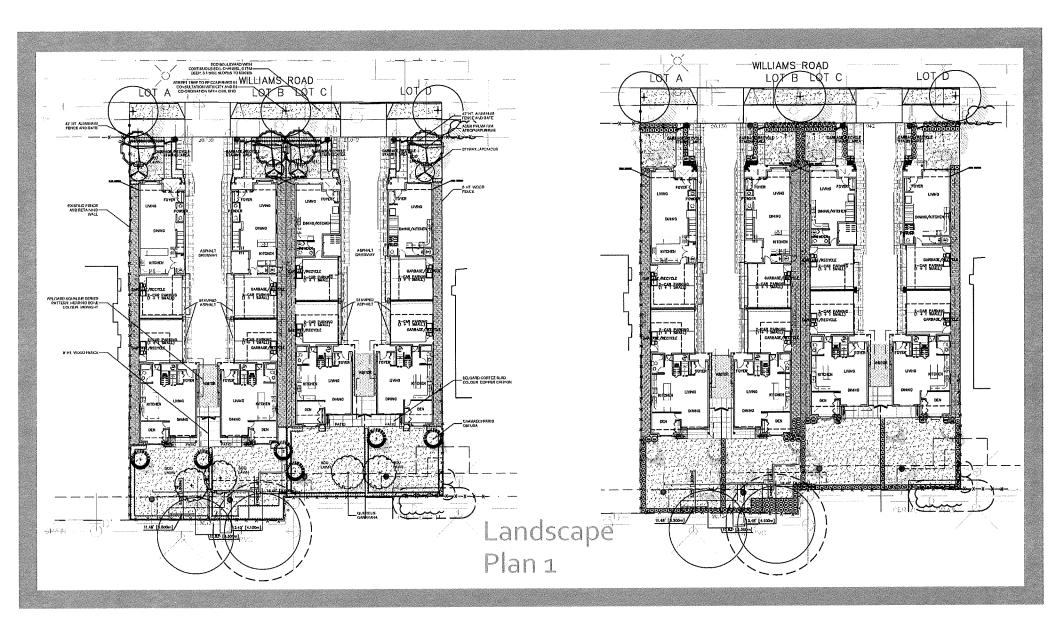
Lots A & B Courtyard



Lots C & D Courtyard

Exterior colors and materials – Front units.





FENCING LEGEND

	6' WOOD FENCE
	42" HT. ALUMINUM FENCE

MATERIAL LEGEND

(A)		BELGARD CORTEZ SLAB COLOUR: COPPER CANYON
B		GRAVEL
©	五日	BELGARD AQUALINE SERIES PATTERN: RUNNING BOUND COLOUR: NATURAL
(D)		BELGARD AQUALINE SERIES PATTERN: HERRINGBONE COLOUR: MIDNIGHT
Œ		STAMPED ASPHALT

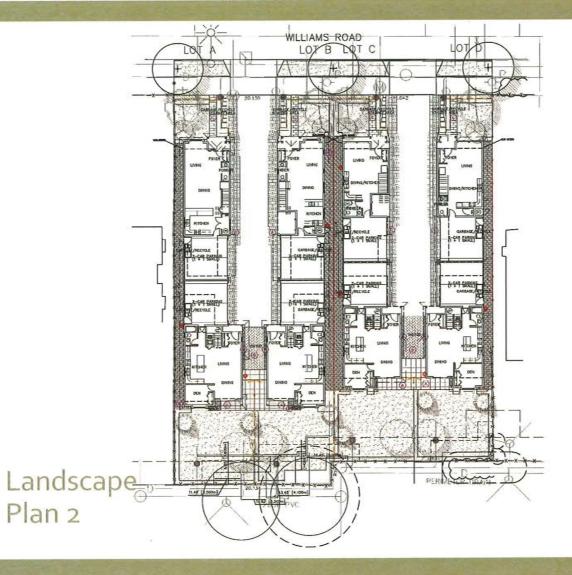
LIGHT LEGEND



BOLLARD LIGHT, UGMAN; LBX BOLLARD; MATT SILVER DARK SKY CERTIFIED

NOTE: LIGHTING SPECILOCATION PER ELECTRICAL DWG.





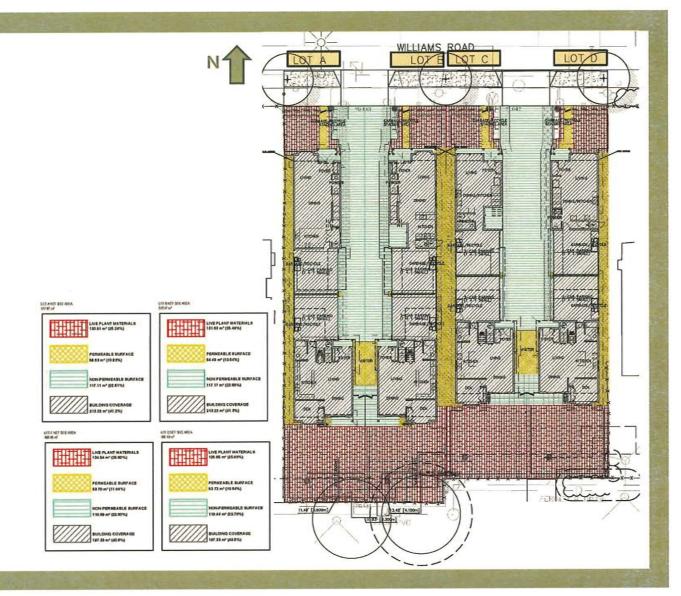
Landscape Plan 3 Lot Coverage

All lots

Coverage < 45%

Bldg. + non-porous < 70%

Live Plant > 25%

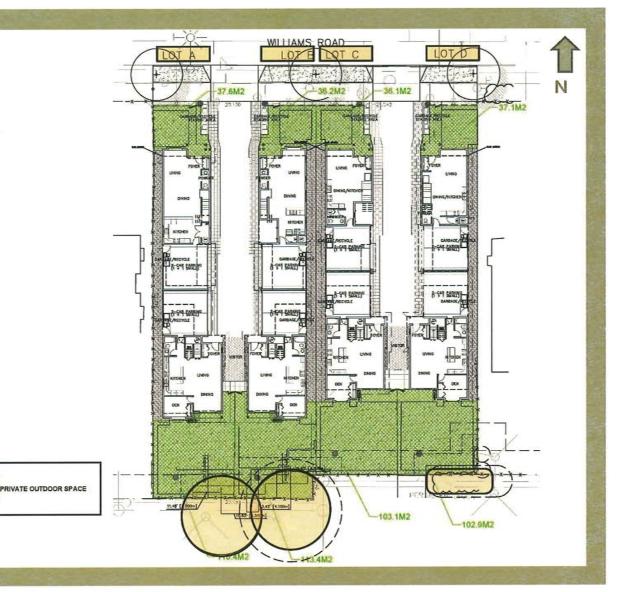


Landscape Plan 4 Private Outdoor spaces

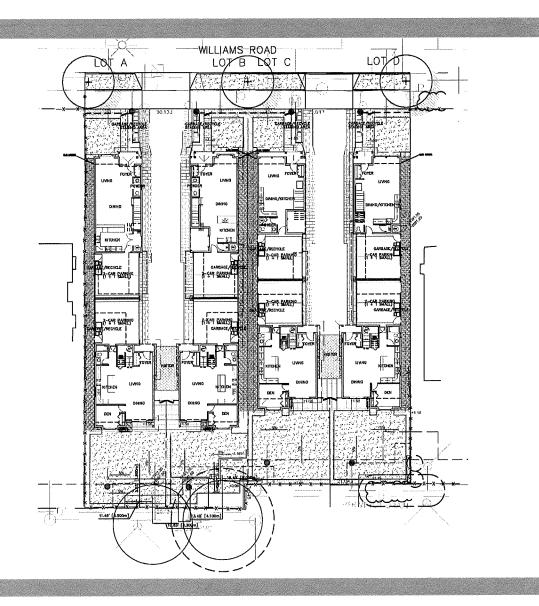
All lots

Front units > 30 sm.

Rear units > 100 sm.



Landscape Plan 5





THANKYOU