

February 08, 2022

220 Haliburton Street Multi Family - Development Permit Design Rationale

Project

4 separate 2 storey two-bedroom mini homes with shared yard. Site adjacent to Deverill Square Gyro 2 Park. Site offers peak views of ocean.

Background

As an alternative to a 4 plex with shared walls, the proposed development provides affordable option for a single family dwelling. Includes semi private and shared outdoor spaces. Efficient and contemporary interpretation of the old minor cottages originally constructed in the neighborhood.

Site Layout

2 units located along Haliburton street with an access to 2 rear units via a landscaped central walkway, with peak views of rear unit patio stairways. Access to parking via one way lane. City 2.0m statutory right of way provided along street frontage for future roadway upgrades.

Pedestrian Circulation

Pathway between buildings that provides access to all buildings and common parking area. Central shared courtyard and patios provide socialization and kid zone between buildings. Covered entrance porches provided seating and traditional street interaction.

Vehicle Circulation

Parking provided for each unit accessed from the rear lane with total 6 parking stalls. Allowance included for possible gated access for security and safety of children.

Parking

Vehicle parking provided are rear of property, out of sight from the street and main living areas. Temporary bike parking provided on patios, long term storage in basements. Existing Bus service nearby on Haliburton Street and Milton Street.

Form

The intent of the design is to minimize the effect of dense/ large form townhouses in the single family area. Form of buildings with traditional sloped roofs, but in a modern vocabulary of durable materials. Simple material and colour pallet used with contrasting color accents to differentiate units. Large balconies for outdoor living area fully covered for weather protection without limiting deep interior daylight penetration. Unlike cantilever balconies without privacy screens/ walls, roof and fin wall projections, fascia, and soffit treatment provides warmth of wood and improves privacy with adjacent neighbours.

Material & Color

Contemporary material and neutral colour pallet with natural cedar wood accent. Fiber cement panel cladding with matching colored metal trims. The colour scheme is black with the natural cedar wood

inner walls of the house shaped portion, four unique accent colors differentiate units. Balcony guardrails provided for privacy/ semi security, finished with powder coated aluminum and translucent tempered glass.

Exterior Lighting

Main entrance canopy down light. Down lighting on balconies and garage soffit projection. Up and Down lighting on fascia projection on backyards. Low voltage bollard lighting along the pathway and landscaping features. Power to base feature courtyard tree for seasonal lighting. Due to close proximity of buildings and dark sky concerns, ambient lighting of parking via adjustable pot lights from roof soffit.

Utilities/ Garbage/ Recycling

Utility areas provided in basement, with separate water meters within lot. Common service from off site. To maximize parking and landscape areas, garbage/ recycling provided out of site at rear of buildings. Heat pumps located as noted on site plan.

Key Features

Contemporary mini houses in conventional mass form, semi private porches, and common landscaped areas.



Raymond de Beeld, Architect AIBC



February 10, 2022

220 Haliburton Street Multi Family - DP Variance Rationale

Building Setbacks:

- Requirement:
 - Building: Front 4.5m; Side 1.5m; Rear 7.5m.
- Provided:
 - Front (East): 2.59m, a variance of 1.91m.
 - Side (North): 1.5m, no variance.
 - Side (South): 3.0m, no variance.
 - Rear (West): 9.5m, no variance.
- Rationale:
 - City requested 2.5m Statutory Right of Way (SRW) for future enlarged road right of way.
 - City requested noncontinuous 6 parking stalls access along lane which would have provided an additional 0.77m, with a full 6.70m depth driveaisle (beyond the 4.83m lane wide lane).
 - Without the SRW the front building setback would have been 5.09m without a variance.
 - On Nanaimo Map, no other properties have a road dedication or SRW for front yard.
 - On Nanaimo Map, some properties have +/-2.83m, 3.05m, and 3.50m setback from the front property line, before considering any reduction of a future 2.5m SRW.

Front Porch Encroachment into Setbacks:

- Requirement:
 - Building: Front 2.0m max.
- Provided:
 - Front (East Bldg) 4.2m, a variance of 2.2m (a variance of 0.29m with proposed front building setback variance).
- Rationale:
 - City requested 2.5m Statutory Right of Way (SRW) for future enlarged road right of way.
 - City requested noncontinuous 6 parking stalls access along lane which would have provided an additional 0.77m, with a full 6.70m depth driveaisle (beyond the 4.83m lane wide lane).
 - Without the SRW the front porch setback projection would have been 1.7m, without a variance.
 - On Nanaimo Map, no other properties have a road dedication or SRW for front yard.
 - On Nanaimo Map, some properties have <2.83m, 3.05m, and 3.50m front porch/ roof projections from the front property line, before considering any reduction of a future 2.5m SRW.



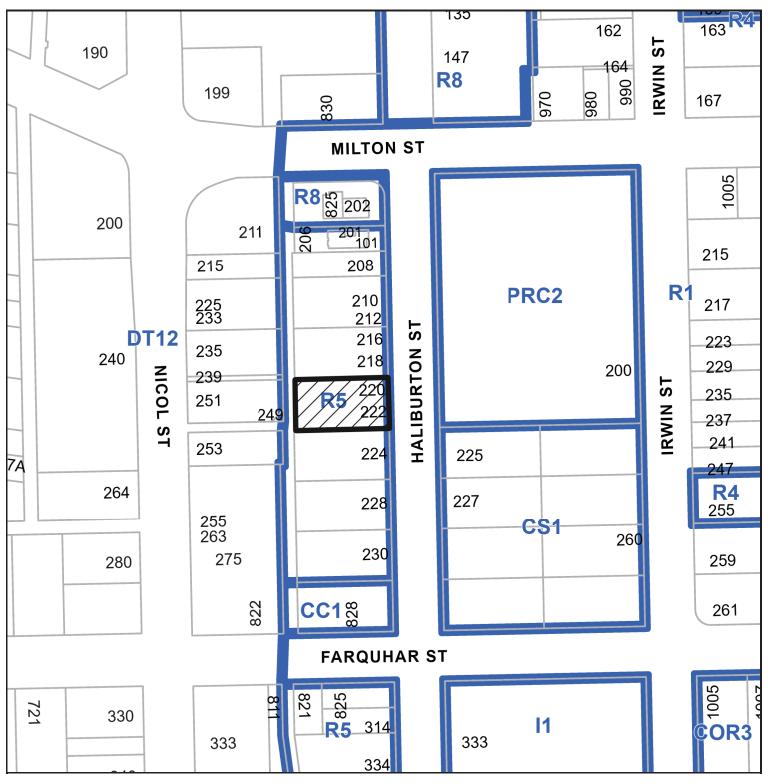
CONTEXT MAP







LOCATION PLAN





DEVELOPMENT PERMIT APPLICATION NO. DP001265

Subject Property

CIVIC: 220/222 Haliburton Street

LEGAL: LOT 14, BLOCK 9, SECTION 1, NANAIMO DISTRICT, PLAN 584 EXCEPT

PART IN PLANS VIP52118 AND VIP55909







Context perspective - W





Context perspective - SE

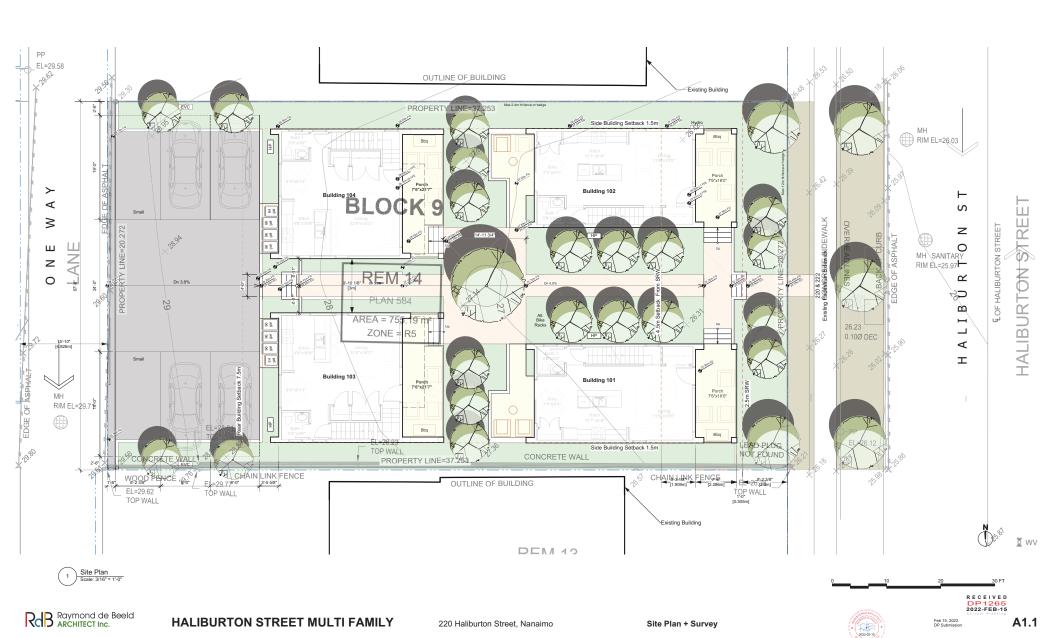
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Context Views





1 Context Map







4 Haliburton Street - View from Sidewalk

RdB Raymond de Beeld ARCHITECT Inc.





220 Haliburton Street, Nanaimo

8 Rear Lane - View from the West



Project Description:		220 Hallburton S					
Divic Address:		220 Halburton, N	analmo, SC				
.egal Address:				District, Plan 584	Except Part In Plan	ns VIP52118 and	//P55909 (For Road Purposes)
		P.I.D. 008-830-00	2				
Coning:		R5 (Three and Fo		0			
		12	mű	- 00	P = up to 50 Units/	ha	
Property Area:		8,123	754.0		3.77/ha		
Statutory Right of Way (SRW)		549	51.0		N/A		
Total		7,574	703.61				
Building Areas (Total), C.O.N. GFA		Excl. FAR	Incl FAR			Excl Parking	
Floor	Units	Common	Common	Circulation	Parking	Total	
1001		ft2					
	R2 NA	R2	1,934	ft2	na	1,934	
.2					- 0		
.1	N/A	0	1,934	0		1,934	
LO	N/A	1,934		9		1,934	
Fotal (GFA)	NA		3,869			5,803	
Total (Covered porches to max 11m2	, front porch, open	decks, basement	with ceiling heigh	g0.6m above finis	h grade)	3,869	
Foot Print (excluding Front Porch)						1,934	
Units (each building) GFA.		No.	Unit Area	Unit Area			
ints (each busing) GFA.		No.					
			92	m2			
Building 101		- 1	963	59.49			
Building 102			963	89.49			
Building 103		1	971	90.21			
Julding 104			971	90.21			
Fotal		-	3.000	350.40			
			-				
Zoning Requirements (RS)		Required	Proposed				
		50%	24%				
Lot Coverage:			0.479				
Floor Area Ratio: (FAR ±0.55)		0.55	0.470				
Where a lot is a corner lot, abuts a lar ag m in area = +1 additional dwelling	ne way or is 1200	4 unto		l			
Bidg Front Selback (in addition to S.R.W)		2.5m	2.50+	5.09m from prese	et D.I		
Bidg Side Selback	icu)	1.5m	150	J. Carrier Design	III P.L.		
		4.0m	NA.				
Bidg Flanking Side Setback							
Bidg Rear Setback		7.5m	9.51				
Building Height (Flat +4:12)		8.0m					
Building Height (Pitched 24:12)		9.0m					
Unit 101 & Unit 102		9.0m	8.37m				
Unit 103 & Unit 104		9.0m	8.73m				
Perimeter Wall Height		N/A					
Number of Storeys		N/A	2+1	2 plus basement			
Parking - Vehicles (Area 3)		Required	Proposed				
3+ Bedrooms Units (1.68)							
2 Bedroom Units (1.44)		- a					
1 Bedroom Unit (1.07)		- 0					
Studio/ Micro (0.90)		- 3					
	Total Parking	-					
Parking – Vehicle Types:							
Standard car							
Small car (8' x15'): 40% max.							
		- 0					
Designated Visitor (1/22 stalls)	-	0.3					
	= 2						
Accessible (12'2'X19'0"); 21-100 ·		0					
Accessible (12'2'X19'0'); 21-100 (Underground Parking							
Accessible (12'2'X19'0"); 21-100 ·		0					
Accessible (122'X'9'0'): 21-100 - Underground Parking Loading							
Accessible (122'X19'0'): 21-100 - Underground Parking Loading Parking - Bike/ Scooter Types		•					
Accessible (122'X19'0'): 21-100 - Underground Parking Loading Parking - Bike/ Scooter Types	welling unit)	2		S.F.D. exempt			
Accessible (127'X10'0'): 21-100 Underground Parking Loading Parking — Bike' Scooter Types Sike – Long Term Spaces (0.5 per de				S.F.D. exempt S.F.D. exempt			
Accessible (127X1970*): 21-100 - Underground Parking Loading Parking — Bike* Scooter Types Bike — Long Term Spaces (0.5 per de Bike — Short Term Spaces (0.1 per de		2 1 None					
Accessible (127X1970*): 21-100 - Underground Parking Loading Parking — Bike* Scooter Types Bike — Long Term Spaces (0.5 per de Bike — Short Term Spaces (0.1 per de		2					
Accessible (1277/1907): 21-100 - Underground Parking Loading Parking - Bikal Scooler Types Bike - Long Term Spaces (0.5 per di Bike - Short Term Spaces (0.5 per di Scooler - Secure Spaces		2					
Accessible (1277/1970): 21-100 - Underground Parking Loading Parking – Bikal Scooter Types Bika – Long Term Spaces (0.5 per di Sala – Short Term Spaces (0.5 per di Scooter – Secure Spaces	veling unit)	2 1 None					
Accessible (127X/97): 21-100 · Underground Parking Loading Loading Parking — Bike/ Scooter Types Bike — Long Term Spaces (0.5 per de Bike — Short Term Spaces (0.5 per de Scooter — Secure Spaces Notes), Silve coverage excludes balcories	veling unit)	2 1 None					
Accessible (1277/1977): 21-100 - Underground Parking Loading Loading Parking - Bikuf Scooter Types Bike - Long Term Spaces (0.5 per dr Bike - Spent Term Spaces (0.5 per dr Scooter - Secure Spaces Sodes 1) Silva coverage excludes balconies 2) Variances in RED	welling unit) & underground pa	2 1 None rking.					
Accessible (127X/6979 ; 24-100 · Underground Parking Loading L	welling unit) & underground pa	2 1 None rking.					
Accessible (127X/6979 ; 24-100 · Underground Parking Loading L	welling unit) & underground pa	2 1 None rking.					
Accessible (127X/97): 21-100 · Underground Parking Loading Loading Parking — Bike/ Scooter Types Bike — Long Term Spaces (0.5 per de Bike — Short Term Spaces (0.5 per de Scooter — Secure Spaces Notes), Silve coverage excludes balcories	welling unit) & underground pa	2 1 None rking.					



Haliburton Street - View from the South



Rear Lane - View from the South



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Rear Lane



3 Courtyard Entry from Boulevard



SE Perspective

220 Haliburton Street, Nanaimo















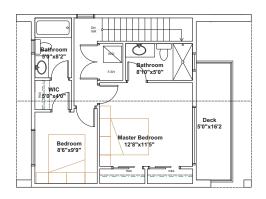


8 Courtyard 02

220 Haliburton Street, Nanaimo

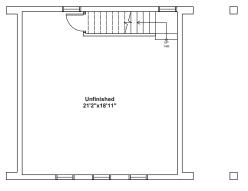




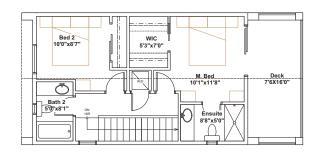


2 L2 Building 103 Rev. & 104 Scale: 1/4" = 1'-0"

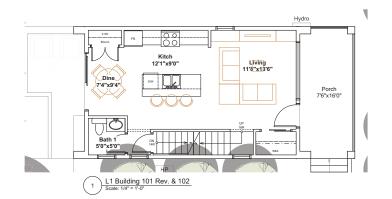


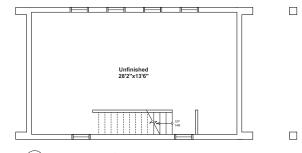


0 L0 Building 103 Rev. & 104 Scale: 1/4" = 1'-0"



2 L2 Building 101 Rev. & 102 Scale: 1/4" = 1'-0"

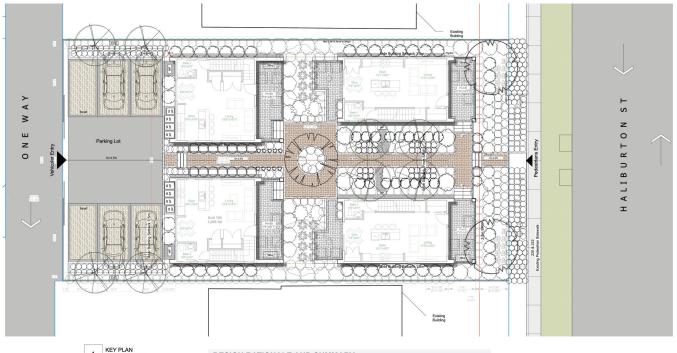




0 L0 Building 101 Rev. & 102 Scale: 1/4" = 1'-0"







DESIGN RATIONALE AND SUMMARY

This site located on Haliburton St has two parallel entry points connected with a pathway that also leads to units private patios and entrances, the level differences between the two entry points allows for visually appealing landscape through the site.

A plant buffer consisting of a selection of plants are proposed on the edges of the property including evergreen hedges to ensure year-long privacy and other such as Mahonia aquifolium to provide a visual interest for the residents.

The central leaner space located between buildings is proposed to be filled with different flowering and native plants on both sides of the pathway such as hydrangea quercifolia and vaccinium ovatum. Halfway through the pathway a Picea Glauca tree and is proposed to be placed in the focal point for pedestrians entering from both sides of the site.

A different paving color scheme is proposed for the private patios which are lined with thick shrubbery layer and a tree near each patio providing a view to be enjoyed by residents inside the apartments and in the patios.







Va







Aper rubrum bowhall

Amelenchier Is

Picea glauca

2 EXAMPLES OF TREES AND SHRUBS PROPOSED Scale: NTS

GENERAL NOTES

All materials and workmanship to CLS Standards, latest edition. Soil depths and subgrade preparation, soil quality and plant sizes to meet or exceed that standard.

Plant takes in this list are specified according to the CLS Standard's latest cellion. Container sizes are specified as per "CNTA Standards'. Both plant size and container size are the minimum acceptable sizes. The installates are advised to search and review, make part material available to the Landscape Architect for optional review at the source of supply. Area of search to include Lover Mainland and Fraser Valley. Substitutions' must obtain written approval from the Landscape Architect from to making any substitutions by substitutions are subject to the Landscape Standard.

All plant material must be provided from the certified 'Disease Free' nursery. All plant material must conform to the latest edition of the Canadian Landscape Standard'. Provide certification upon request. All landscaping and landscape materials to conform to the latest edition of the CLS standards.

Min. growing medium depths over prepared subgrade shall be:

wn areas 300mm
bund Cover Areas 450mm
rub Areas 450mm
e Pits 300mm
(aroun

Growing medium shall have physical and chemical properties as described in the standards for 'Ground'areas, except for the areas over structures where the medium shall conform to the requirements for level 1 applications

On-Site or imported soils shall satisfy the requirements of the standards for growing medium. Soils shall be virtually free from subsoil, wood including woody plant parts, weed or reproducive parts of the weeds, plant pathogenic organisms, toxic material , stones over 30mm, and foreign objects.

All planting beds shall receive min. 50mm bark mulch.

The contractor shall maintain clean working conditions, remove all refuse and debris and present the site in a safe and clean condition

Plant species and varieties may not be substituted without the approval of the Landscape architect.

All wood fences to be cedar, with one coat of clear penetrating preservative

All engineering drawings(Civil, Mechanical and Electrical) to supersede the Landscape drawings where applicable. These Landscape drawings are to be considered overriding only in case of soft landscape(planting).

All soft landscape areas to be serviced by High Efficiency Irrigation System

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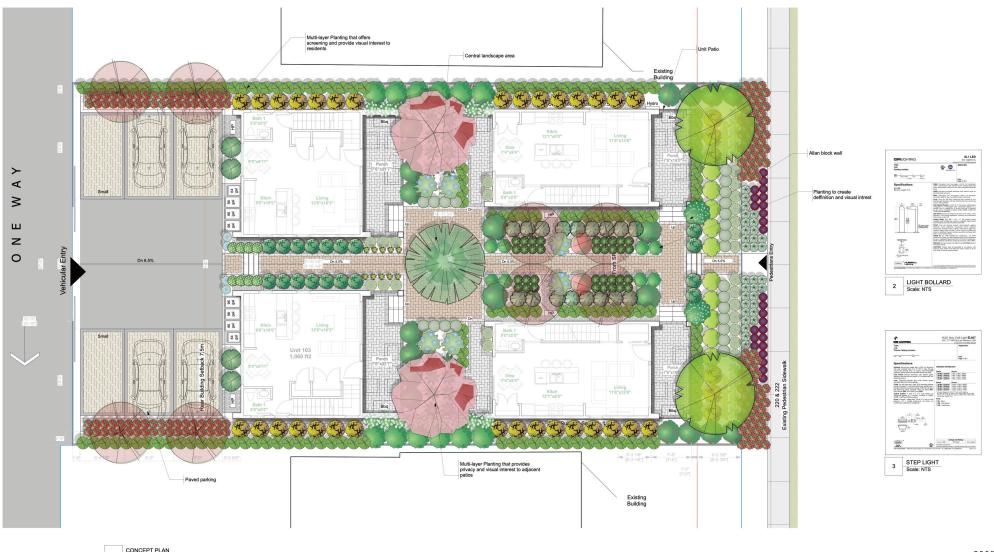
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Reviewed By RD	Status DP Application		

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1 CONCEPT PLAN Scale: 3/16" = 1'-0"

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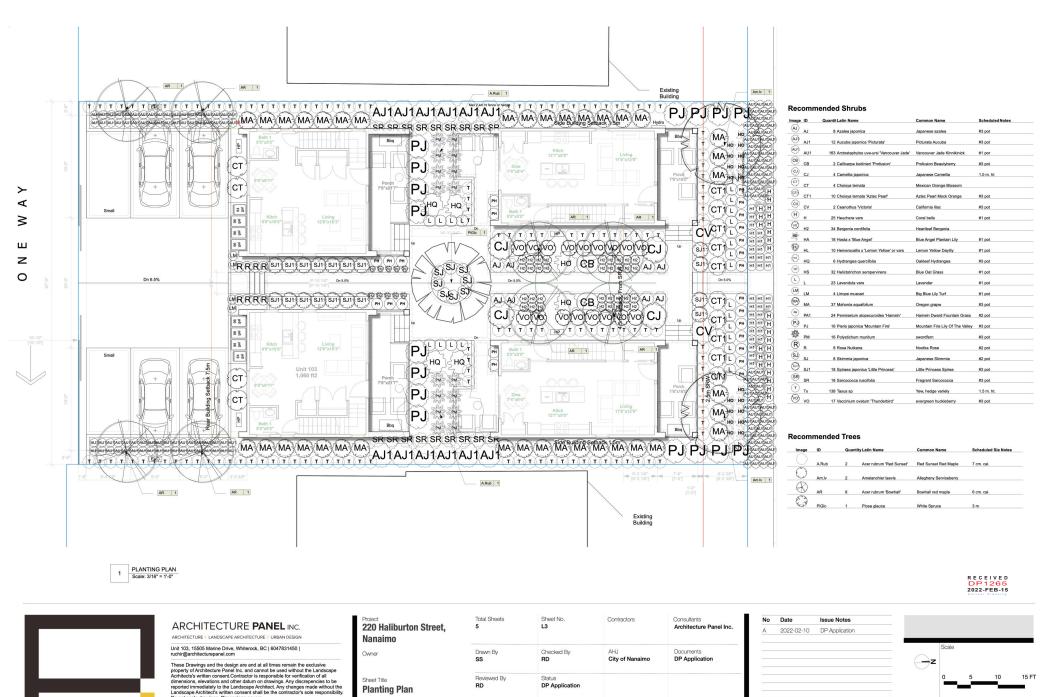
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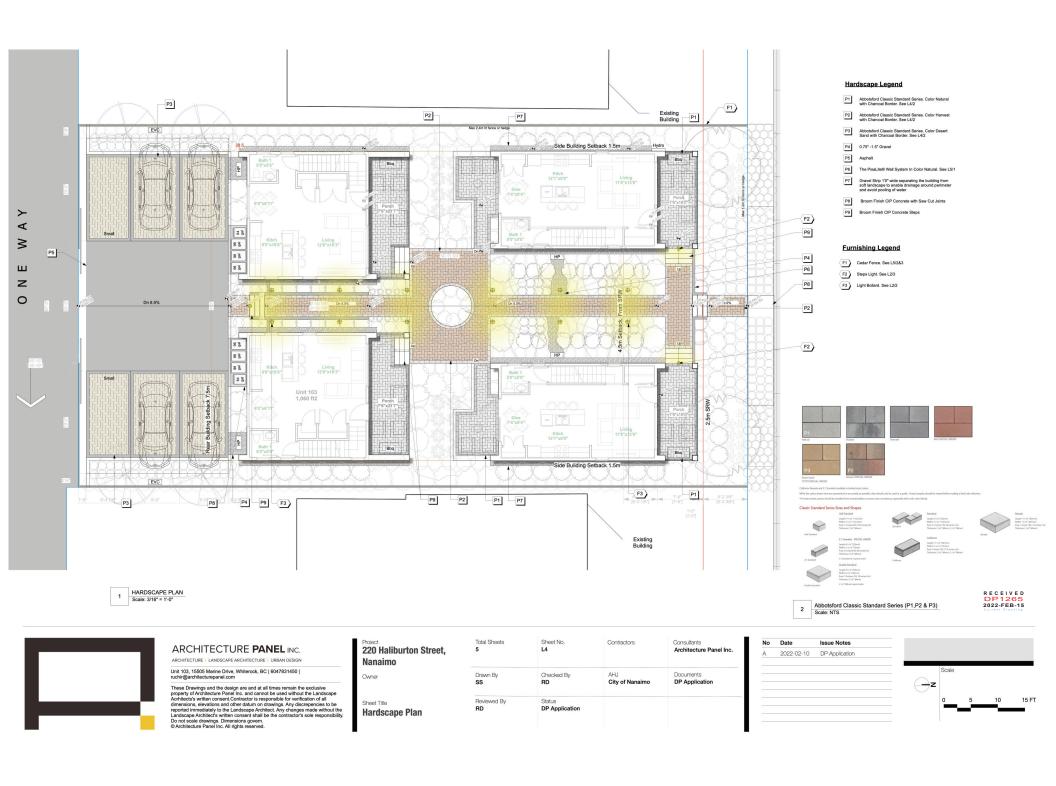
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DP Application

Planting Plan

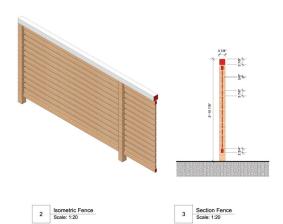
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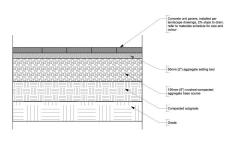




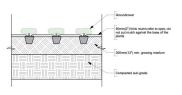
PisaLite® System Units		Width mm/inches	Height mm/inches	Depth mm/inches	Weight Kg/Lbs
23	Standard	200 / 7 1/4"	150 / 5 %*	300 / 11 %"	14.0 / 31
4	Tapered	200 / 7 1/6"	150 / 5 %*	300 / 11 %"	13.2 / 29
Tex	Jumbo (Functions Horizondally or Workship)	300 / 11 %"	150 / 5 %*	300 / 11 %"	20.0 / 44
Elle	Half	100/3%"	150 / 5 %*	300 / 11 %"	6.8 / 15
	Corner	200 / 7 1/1/1*	150 / 5 %*	300 / 11 %"	18.2 / 40
To the same of the	Сар	610 / 24*	80 / 3 1/6"	330 / 13*	33.1 / 73
			True dimensions an	in Metric, Imperial dimens	ions are soft conversio

The PisaLite® Wall System In Color Natural (P6)
Scale: NTS

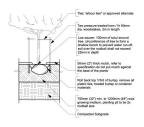




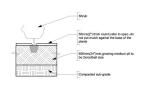
4 Details: Concrete Unit Pavers on Grade Scale: NTS



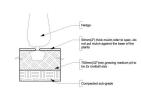
5 Details: Groundcover at Grade Scale: NTS



6 Details: Tree at Grade Scale: NTS



7 Details: Shrub at Grade Scale: NTS



8 Details: Hedge at Grade Scale: NTS

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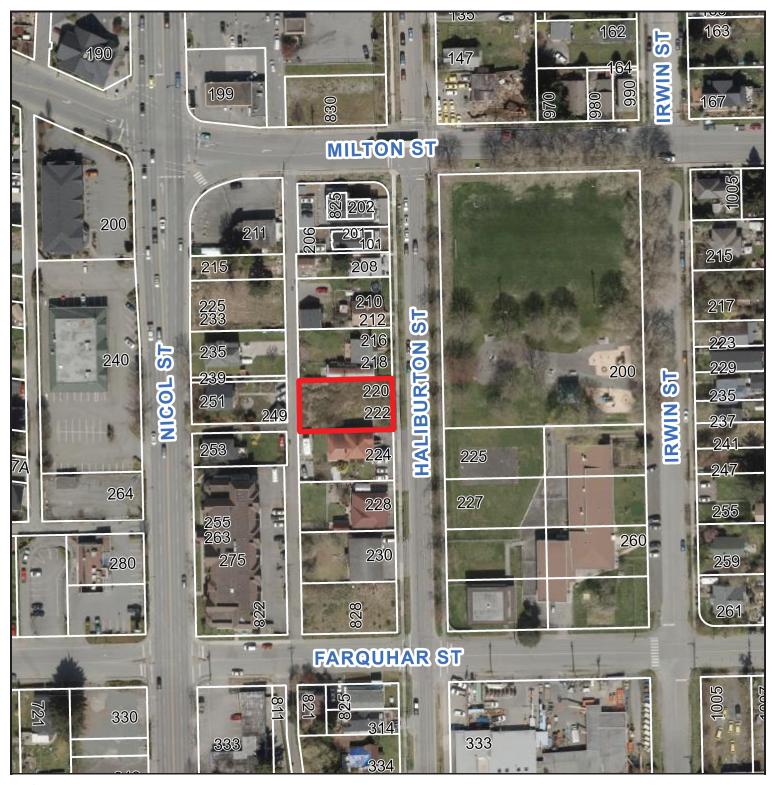
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