ATTACHMENT H LANDSCAPE PLAN AND DETAILS



BRADLEY MULTI-FAMILY------591 BRADLEY ROAD

NOTES: or grading information, see Civil & Architectural drawings

DESIGN RATIONALE

The site is located on the north bank of the Millstone River. The southern part of the property consists of the existing riparian vegetation. Any disturbance due to construction will restored with native species that are already growing on the site.

The design concept for the northern part of the site will be to create a "copse" or small-scale woodland to reflect the native forest on most of the site. Most of this space lies on the parkade with a narrow boulevard lring parallel to Bradley Street

Typically, a woodland planting scheme consists of the canopy, sub-canopy, shrub and herbaceous layer.

Due to the constraints of planting on the parkade below the canopy trees can only be planted along the boulevard area. Within the site small trees/large shrubs with non-aggressive root systems will provide the sub-canopy.

These gardens will provide privacy for the living spaces on the north side, be a wind and Add the second second processing to the second seco fruit and bark.

The landscape lighting will consist of step lighting in the planter walls that are adjacent to the sidewalks, consistent with the dark sky objectives in OCP. The building entrance will be lit within the canopy.

DESIGN ELEMENTS



Woodland plantings



Arbours and Trellises

DESIGN DETAILS



Garden Gate



Vine-covered Walks





Seats in the Sun

Green Walls



Seatwalls - Low Level Lighting





artian Restoration Area: 850 annuals to be priamed in o.c. in groups of tim, under direction of Landscape Are Piert Like R2 All plants and planting to be to BSCLABCHTA Landscape Standards, Latest Editio Plants to be impland for the first two years.

d planting to be to BSCLA/BCNTA Landscape Standards, Latest Edition irrigated for the first two years.



PLANT LIST #2 Riparian / Bioswale restoration area

Qtv Key Botanical Nam

Decidarous Shru

PLANT LIST #3

trees planted with

Decidures Trees Am Acer Mecrophylum Pb Popular Victocarpa

Total replacement trees required: 70 Total replacement trees planted: 70

Drawing Notes

arian Area: All invasive plants to be removed: These induce Holly, English Hawthorn, Spurge Refer to City of Nanaimo's website: <u>http://nanaim</u> removal protocol. Plant 70 trees in riparian area, see Plant List #3

Step Light Detail

* Key Botanical Name

REVISIONS: Issued for DP - 2021Dec23 Issued for Coordination - 2022Jan13 lesued for DP - 2022 Jan 14 CoN comments - 2023Jan23



Pot Size PROJECT 591 BRADLEY STREET

> RECEIVED 2023-FEB-08

Pot Size

NANAIMO, BC

SITE LEGAL DESCRIPTION:

Lot 2. Newcastle Townsite. Section 1, Nanaimo District, Plan VIP60189



LANDSCAPE DESIGN **ELEMENTS**

		SCALE: AS NOTED	DATE: DEC. 20, 2021						
		DRAWN: DR	CHECKED: VJD						
		PROJECT NUMBER: BRADLEY STREET 2021							
		DRAWING N	UMBER:						
,		L0.	2 - DP						



Sheltered Seats



Species	DBH (cm)	Number of trees	Number of trees to be removed
		uces	De removeu
	DECIDU0US		
Bigleaf maple	60 mm to 300 mn	37	37
Bigleaf maple	301 mm to 600 mm	15	15
Bigleaf maple	> 600 mm	1	0
Black cottonwood	60 mm to 300 mn	3	3
English holly	60 mm to 300 mn	4	4
Common hawthorn	60 mm to 300 mn	3	3
Cherry	60 mm to 300 mn	1	1
Total:		64	63

Table 2. Tree locations within the development fcotprint on 591 Bradley Street

TABLES 1, 2 & 4 AND AIR PHOTO FROM TRPA PREPARED BY TOTH AND ASSOCIATES;
TREE SURVEY CONDUCTED ON FEBRUARY 14, 2018

NOTES: Tree survey and Toth and Associates RAR Assessment and Tree Survey, conducted on Feb. 14, 2018

DATE: DEC. 20, 2021

CHECKED: VJD



						gleaf Maple, C	b = Black Cottonwo			er, He = English	i Holly, Vs=	Sweet Cl		
Tree			L	.at / Long	g		Trees > 30 cm		<30 cm	Significant	Specie	Non	Species	Comment
Tag				oordinati			Mb	Mb	Cb	Tree		Native		
897		10		-123		18.058	1							Multi-stern, suckered from sturne
898	49			-123		17.849	1					2	He, Vs	
899	49	10		-123	57	17.572	1					1	He	
900	49	10	30.217	-123	57	17.54	1					1	He	
901	49			-123		17.564	1							
902	49	10		-123	57	17.722		1						
903	49	10	29.449	-123	57	17.869	-	1				2	Hc	
904	49	10	29.518	-123	57	18.059	3							
905	49	10	29.291	-123	57	17.669	-	2		1	Mb	1	He	
906	49	10		-123		17.333	-	2				-		
907	49	10	29.529	-123	57	17.526	_	2						
908		10		-123		17.261		1		1		1	Ho	
909		10		-123	57	17.565	1	· · · ·				-		
912	49			-123		17.077	1							
913		10		-123		17.045		1						
914	49	10	29.784	-123	57	16.917	1	· · · ·						
915		10		.123	57	16.954	1							
916	49	10	30.032	-123	57	16.854	1	6						
917	49	10	29.892	-123	57	16.647		1	1					
918	49	10	29.69	-123		16.745		1						
919	49	10	29.481	-123	57	16.717		1						
920	49	10	29.423	-123	57	16.513		1						
921	49	10	29.522	-123	57	16.372		2						
922	49	10	29.759	-123	57	16.244		2						
923	49	10	29.964	-123		16.208		1						
924	49	10	30.149	-123	57	15.987	1							
925	49	10	30.15	-123	57	15.671		1						
926	49	10	30.191	-123	57	15.049		2						
927	49	10	29.404	-123		15.293	1			1				
928	49	10	29.339	-123		15 372		1		1				
929	49	10	29.626	-123		15.91			2					
930	49	10	29.655	-123		16.074		1	-					
931	49		29.696	-123		16.274		1		1				
932	49	10	29.52	-123		16.421		1						
933	49	10	29.457	-123		16.248		1						
934	49		29.393	-123		15.979		2						
937	49	10	29.358	-123	57	16.516		2						
			Trees:	2.5		Subtotals:	15	37	3	1	-	8		

Species	DBH (cm)	Number of trees to be removed	Number of replacement trees	Diameter (cm) of Deciduous Stock or Height (m) of Coniferous Stock
DECIDUOUS				
Bigleaf maple	60 mm to 300 mm	37	37	(60 mm min dbh)
Bigleaf maple	301 mm to 600 mm	15	30	(60 mm min dbh)
Black cottonwood	60 mm to 300 mm	3	3	(60 mm min dbh)
Total: (Non-native tree:	s not included)	55	70	

