



SECTION
Scale: 1/8" = 1'-0"
Date: 4.8.17
Revised: 19.2.18
Revised: 21.9.18
Revised: 08.05.19

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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 be 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 to the south.

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

Most of the open space in this area lies on top of the parkade with a narrow boulevard lying parallel to Bradley Street.

The canopy trees will be planted along this boulevard area where the trees have deeper soil for root growth. Sub-canopy plants, consisting of small trees or large shrubs with nonaggressive root systems will be located on the parkade slab and underplanted with shrubs and herbaceous plants.

These gardens will provide privacy for the living spaces on the north side, be a wind and dust filter and create habitat for wildlife. The dominant green changes the perception of the space both horizontally and vertically. While the paths that lead residents and visitors through the site are geometric, jogs create places to stop and sit and enjoy the plants. The gardens offer shade, changing interest all year from buds, flowers, leaves, fruit and bark.



Woodland plantings



Arbours and Trellises



GARDEN GATE



VINE COVERED WALKS



SHELTERED SEATS



SEATS IN THE SUN



SEATWALLS: LOW LEVEL LIGHTING

PLANT LIST #1 Upland landscape design

Qty** Replacement trees
Quantities for the remainder of the plan to be determined on Building Permit drawings.

[illegible][illegible]**PLANT LIST #2** Riparian restoration area

Between the building and nigerian setback

Qty	Key	Botanical Name	Common Name	Pot Size	Spacing
Evergreen Shrubs					
55	01	Guiera senegalensis	Sisal	#1	5m x 5m
42	04	Melaleuca eucalyptifolia	Red Crago Tree	#1	5m x 5m
42	05	Melaleuca teretifolia	Red Crago Tree	#1	5m x 5m
80	06	Viscum moultonii	Evergreen Mistletoe	#1	5m x 5m
Deciduous Shrubs					
42	07	Albizia leonardus	Sesbania tree	#1	5m x 5m
42	08	Commersonia bartramia	Portulaca Ragwort	#1	5m x 5m
42	09	Albizia leonardus	Cassia tree	#1	5m x 5m
42	10	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	11	Albizia leonardus	Portulaca Ragwort	#1	5m x 5m
42	12	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	13	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	14	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	15	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	16	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	17	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	18	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	19	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	20	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	21	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	22	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	23	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	24	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	25	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	26	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	27	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	28	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	29	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	30	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	31	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	32	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	33	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	34	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	35	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	36	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	37	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	38	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	39	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	40	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	41	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	42	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	43	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	44	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	45	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	46	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	47	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	48	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	49	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	50	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	51	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	52	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	53	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	54	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	55	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	56	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	57	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	58	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	59	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	60	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	61	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	62	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	63	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	64	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	65	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	66	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	67	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	68	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	69	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	70	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	71	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	72	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	73	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	74	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	75	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	76	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	77	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	78	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	79	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	80	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	81	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	82	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	83	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	84	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	85	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	86	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	87	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	88	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	89	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	90	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	91	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	92	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	93	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	94	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	95	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	96	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	97	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	98	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	99	Podocarpus laevis	Podocarpus	#1	5m x 5m
42	100	Podocarpus laevis	Podocarpus	#1	5m x 5m

PLANT LIST #3

Riparian area
Replacement trees planted within existing riparian area

Qty**	Key	Botanical Name	Common Name	Pot Size
		Deciduous Trees		
64	Am	Acer macrophyllum	Big Leaf Maple	#5 pot
2	Al	Alnus rubra	Red Alder	#5 pot
3	Pa	Populus trichocarpa	Black Cottonwood	#5 pot

Total replacement trees required: 82
Total replacement trees planted: 82



Scale: 1/2" = 1'-0"

Date: 4.8.17

Revised : 08.05.19