

PRO

## Summary

																	TRADE COST
			DIV-01	GENERAL												\$	-
			DIV-02	SELECTIVE REMOVALS AND DEMOLITIONS												\$	
			DIV-03	CONCRETE												\$	
			DIV-04	UNIT MASONRY												\$	
			DIV-05	METALS												\$	
			DIV-06	WOOD, PLASTICS & COMPOSITES												\$	
			DIV-07	THERMAL AND MOISTURE PROTECTION												\$	
			DIV-08	OPENINGS												\$	
			DIV-09	FINISHES												\$	
			DIV-10	SPECIALTIES												\$	
			DIV-11	EQUIPMENTS												\$	
			DIV-12	FURNISHINGS												\$	
			DIV-13	FURNISHINGS												\$	
			DIV-14	CONVEYING EQUIPMENT												\$	
			DIV-21	FIRE SUPPRESSION												\$	
			DIV-22	PLUMBING												\$	
			DIV-23	(HVAC) HEATING VENTILATING & AIR CONDITIONING											\$		
			DIV-26	ELECTRICAL												\$	
			DIV-31	EARTHWORK												\$	
			DIV-32	EXTERIOR IMPROVEMENTS												\$	1,671,583
																\$	1,671,582.51
																INSURANCE	0%
																\$	-
																OVERHEAD AND PROFIT	20%
																\$	334,316.50
																TOTAL BASE BID	
																\$	2,005,899.01

## Detailed Estimate

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT ITEM COST	TOTAL ITEM COST	TRADE COST	
			DIV-01	GENERAL							\$	-
1				Permit	1	0%	1	LS		\$	-	
2				Supervision	1	0%	1	LS		\$	-	
3				Final Cleanup	1	0%	1	LS		\$	-	
4				Mobilization Cost	1	0%	1	LS		\$	-	

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ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT ITEM COST	TOTAL ITEM COST	TRADE COST
5				Project Overheads	1	0%	1	LS		\$ -	
6				Bonds	1	0%	1	LS		\$ -	
7				Fees (Architect & Engineer)	1	0%	1	LS		\$ -	
8				Temporary Control & Facilities	1	0%	1	LS		\$ -	
		DIV-32		EXTERIOR IMPROVEMENTS							\$ 1,671,583
				Pavement							
9	L4.1 L4.2 L4.5	4/L11.2		P-3: Pedestrain concrete unit pavers as - Soil - Geotextile fiber - Compacted sub-grade - 30mm Non-Woven Geotextile fabric - 100mm Crushed compacted aggregate - 25mm Sand bed - Concrete unit pavers	1,653	10%	1,818	SF	\$ 12.60	\$ 22,911	
10	L4.1 L4.3 L4.7	3/L11.2		P-4: Pedestrain concrete unit pavers as - Protection board/ water proofing membrane - Filter fabric - Rigid Insulation - Void form material - Non-Woven filter fabric - 250mm Clear crush - Non-Woven filter fabric - 50mm Crush stone - Concrete unit pavers	6,011	10%	6,612	SF	\$ 15.40	\$ 101,826	
11	L4.1 L4.2 L4.3	1/L11.2		M-1: Pedestrain concrete at grade as: - Compacted sub-grade - 150mm Crushed-Compacted aggregate base - 100mm CIP Concrete pad	5,760	10%	6,336	SF	\$ 10.00	\$ 63,360	

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12	L4.1 L4.2 L4.3 L4.4 L4.5 L4.6 L4.7	3/L11.2		P-1: Hydrapressed slab pavers as: - Protection board/ water proofing membrane - Filter fabric - Rigid Insulation - Void form material - Non-Woven filter fabric - 250mm Clear crush - Non-Woven filter fabric - 50mm Crush stone - 100mm Concrete unit pavers	8 ,554	10%	9,409	SF	\$	15.40	\$ 144,905	
13	L4.3 L4.7	1/L11.2		M-1: Broom finished concrete walkway as: - Compacted sub-grade - 150mm Crushed-Compacted aggregate base - 100mm CIP Concrete pad	1 ,320	10%	1,452	SF	\$	10.00	\$ 14,520	
14	L4.5 L4.7	5/L11.2		P-4: Permeable pavers as: - Compacted subgrade - 200mm Crushed compacted aggregate base - 50mm Clear crush stone - Concrete unit pavers	4 ,199	10%	4,619	SF	\$	11.80	\$ 54,503	

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15	L4.5	4/ALL.9		M-6: Fiber safety surface	460	10%	506	SF	\$ 5.60	\$ 2,834	
16	L4.5	8/L11.2		M-7: Composed granite pathway as - 300mm Crushed compacted stone - 3/8"x10" Spiral steel spike @ 12" O.C. - 75mm Aggregate pathway	5 ,036	10%	5,540	SF	\$ 11.00	\$ 60,936	
17	L4.1			Concrete sidewalk	825	10%	908	SF	\$ 9.80	\$ 8,894	
				Boulders and Gravels							
18	L4.1			Ephemeral stormwater feature sculpted as foreshore w/ rock and small boulders	890	10%	979	SF	\$ 4.50	\$ 4,406	
19	L4.1	9/L11.2		M-6: 325mm Gravel drip strip	14	10%	15	CY	\$ 230.00	\$ 3,496	
20	L4.3 L4.5	3/L11.9		M-9: 150mm Crushed compacted sub-base	9	10%	10	CY	\$ 260.00	\$ 2,474	
21	L4.4 L4.5	1/LL.4		M-8: 1000mm Gabion wall Note: Height varies, Please verify	255	10%	280	CY	\$ 250.00	\$ 70,033	
				Decking							
22	L4.1	3/L11.4		M-3: Engineered wood decking	6,055	10%	6,661	SF	\$ 12.00	\$ 79,926	
				Concrete work							

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23	L4.1	1/L11.3		M-2: 150mm Concrete wall for planters Note: Height varies, please verify	81	10%	89	CY	\$	210.00	\$	18,639	
24	L4.3 L4.7			Rollover curb	361	10%	397	LF	\$	6.00	\$	2,383	
				Soil									
25	L8.1 L8.2 L8.3			450mm Soil	945	10%	1,040	CF	\$	8.74	\$	9,087	
26				650mm Soil	4,440	10%	4,884	CF	\$	8.74	\$	42,685	
27				750mm Soil	19,380	10%	21,318	CF	\$	8.74	\$	186,318	
28				900mm Soil	50,142	10%	55,157	CF	\$	8.74	\$	482,068	
29				650mm Soil cell Note: Please verify depth	5,378	10%	5,915	CF	\$	10.00	\$	59,153	
				Irrigation									
30	L9.1 L9.2 L9.3			HB: Hosebib	23	10%	25	EA	\$	25.00	\$	633	
31				IS: Irrigation stub-out	3	10%	3	EA	\$	45.00	\$	149	
32				Irrigated area Note: Please verify price	25,581	10%	28,139	SF	\$	5.00	\$	140,696	
				Tower A1.1									
33	L4.5	3/L11.2		P-1: Hydrapressed slab pavers as: - Protection board/ water proofing membrane - Filter fabric - Rigid Insulation - Void form material - Non-Woven filter fabric - 250mm Clear crush - Non-Woven filter fabric - 50mm Crush stone - 100mm Concrete unit pavers	222	10%	244	SF	\$	15.40	\$	3,761	
34	L4.5			Amenity patio-Plank pavers	778	10%	856	SF	\$	12.00	\$	10,270	
35	L4.5	9/L11.2		M-6: 325mm Gravel drip strip	8	10%	8	CY	\$	230.00	\$	1,927	
36	L8.4			200mm Soil	489	10%	537	CF	\$	8.74	\$	4,697	
37	L8.4			450mm Soil	183	10%	201	CF	\$	8.74	\$	1,759	
38	L8.4			900mm Soil	118	10%	130	CF	\$	8.74	\$	1,135	

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ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT ITEM COST	TOTAL ITEM COST	TRADE COST
39	L9.4			Irrigated area Note: Please verify price	912	10%	1,003	SF	\$ 5.00	\$ 5,016	
				Tower A1.2							
40	L4.5	3/L11.2		P-1: Hydrapressed slab pavers as: - Protection board/ water proofing membrane - Filter fabric - Rigid Insulation - Void form material - Non-Woven filter fabric - 250mm Clear crush - Non-Woven filter fabric - 50mm Crush stone - 100mm Concrete unit pavers	224	10%	246	SF	\$ 15.40	\$ 3,795	
41	L4.5			Amenity patio-Plank pavers	772	10%	849	SF	\$ 12.00	\$ 10,190	
42	L4.5	9/L11.2		M-6: 325mm Gravel drip strip	8	10%	8	CY	\$ 230.00	\$ 1,947	
43	L8.4			200mm Soil	798	10%	878	CF	\$ 8.74	\$ 7,673	
44	L8.4			450mm Soil	205	10%	226	CF	\$ 8.74	\$ 1,972	
45	L8.4			900mm Soil	233	10%	257	CF	\$ 8.74	\$ 2,242	
46	L9.4			Irrigated area Note: Please verify price	912	10%	1,003	SF	\$ 5.00	\$ 5,016	
				Tower A1.3							
47	L4.5	3/L11.2		P-1: Hydrapressed slab pavers as: - Protection board/ water proofing membrane - Filter fabric - Rigid Insulation - Void form material - Non-Woven filter fabric - 250mm Clear crush - Non-Woven filter fabric - 50mm Crush stone - 100mm Concrete unit pavers	147	10%	162	SF	\$ 15.40	\$ 2,490	
48	L4.5			Amenity patio-Plank pavers	694	10%	763	SF	\$ 12.00	\$ 9,161	
49	L4.5	9/L11.2		M-6: 325mm Gravel drip strip	10	10%	11	CY	\$ 230.00	\$ 2,483	
50	L8.4			200mm Soil	797	10%	877	CF	\$ 8.74	\$ 7,667	

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51	L8.4			450mm Soil	214	10%	235	CF	\$	8.74	\$	2,057	
52	L8.4			900mm Soil	236	10%	260	CF	\$	8.74	\$	2,271	
53	L9.4			Irrigated area Note: Please verify price	1,313	10%	1,444	SF	\$	5.00	\$	7,222	
SUB TOTAL											\$	1,671,583	\$ 1,671,583
INSURANCE											0%	\$ -	\$ -
OVERHEAD AND PROFIT											20%	\$ 334,317	\$ 334,317
TOTAL BASE BID											\$	2,005,899	\$ 2,005,899