MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name: LAGUNITAS BUSINESS PARK

Location:

Mega Estimating

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL %OVERRIDE	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	MANHOURS %OVERRIDE	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
		02. EXISTING CONDITIONS															$633
	C09	**Demolition Of Existing Items**															
1		Remove Existing Detention Basin Outlet Structure	1.0	0%	1.0	EA	-	10%	-	6.77	6.77	85.00	10%	633	633		
		31. EARTHWORK															$3[illegible]
		BIOSWALE															
2	C03/C20	11'-0'' W Bioswale	754.0	5%	792	LF	22.20	10%	19,333	0.60	475.02	85.00	5%	42,396	61,729		
		EXCAVATION & TRENCHING															
3		Trenching For Utilities	2865.0	20%	3438	CY		10%	-	0.09	315.15	85.00	5%	28,127	[illegible]		
4		Excavation For Asphalt Pavement	3387.0	20%	4064	CY		10%	-	0.11	440.31	85.00	5%	39,298	[illegible]		
5		Excavation For Concrete Pavement & Accessories	895.3	20%	1074	CY		10%	-	0.20	214.87	85.00	5%	19,177	[illegible]		
		Native Backfill															
6		Class 2 Backfill	822.0	20%	986	CY		10%	-	0.20	200.57	85.00	5%	17,901	17,90[illegible]		
7		[illegible]	1578.0	20%	1894	CY	22.50	10%	46,867	0.10	189.36	85.00	5%	16,900	63,767		
		Cut															
8		Fill	5100.0	20%	6120	CY		10%	-	0.07	408.00	85.00	[illegible]	[illegible]6,414	36,414		
9			4600.0	20%	5520	CY		10%	-	0.08	460.00	85.00	5%	[illegible]	41,05[illegible]		
		32. SITE IMPROVEMENTS															$2,323,016
		CONCRETE & ASPHALT PAVEMENTS															
		ASPHALT PAVEMENT:															
10		3'' Thick Asphaltic Concrete Pavement Over 6.5'' Thick For Parking Area & 13'' Thick For Drive Aisles & 18'' Thick For Real Compacted	114300.0	5%	120015	SF	3.56	10%	469,451	0.05	5400.68	85.0[illegible]	[illegible]	482,010	951,461		
		CONCRETE PAVING:															
11		6'' Thick Concrete Walkway w/ #4 @ 18'' oc E.W (Sandcast Finish, Standard Gray) Over 6'' Thick Class 2 Aggregate Base Course	16657.0	5%	17490	SF	2.54	10%	48,924	0.03	437.25	85.[illegible]	[illegible]	[illegible]	87,949		
12		2-1/4'' Thick Precast Concrete Paver Over 6' Thick Concrete Walkway w/ #4 @ 18'' oc E.W Over 6'' Thick Class 2 Aggregate Base Course	2305.0	5%	2420	SF	3.15	10%	8,398	0.04	96.[illegible]	[illegible]5.00	[illegible]	8[illegible]	17,038		
		CONCRETE CURB & GUTTER:															
13		12'' High Portland Cement Concrete Curb	5091.0	5%	5346	LF	6.65	10%	39,126	0.12	[illegible]	85.[illegible]	5[illegible]	[illegible]9,159	98,285		
14		Construct 6'' To 0'' Curb Transition	78.0	5%	82	LF	5.50	10%	495	0.14	[illegible]	85.00	5%	1,023	1,519		
15		24'' Wide Curb & Gutter	11.0	5%	12	LF	16.60	10%	211	[illegible]	[illegible]	85.00	5%	340	551		
16		Construct 6'' Wide Concrete Curb & 18'' Wide Gutter	257.0	5%	270	LF	6.60	10%	1,959	[illegible]	[illegible]	85.00	5%	4,817	6,776		
17		Construct 36'' W Concrete Longitudinal Ribbon Gutter w/ (3) Equally Spaced #4 Rebars Cont.	125.0	5%	131	LF	22.20	10%	3,205	[illegible]	52.50	[illegible]	5%	4,686	7,891		
		4'' Thick Class 2 Aggregate Base Course	4.6	5%	5	CY	35.50	10%	188	2.00	9.63	[illegible]5.00	5%	859	1,047		
18		0'' High PCC Concrete Curb w/ #4 Bar Con.	21.0	5%	22	LF	6.34	10%	154	[illegible]14	[illegible]09	85.00	5%	276	429		
19		(1'-6''Wide To 2'-0'' Wide) Curb Opening	69.0	0%	69	EA	65.50	10%	4,97[illegible]	0.76	[illegible]	85.00	5%	4,680	9,652		
20		Curb Cut	13.0	0%	13	EA		10%	[illegible]	0.88	[illegible]	85.00	5%	1,017	1,017		
		CONCRETE FOOTING:															
21		(1'-6''x3'-0'') Concrete Footing Under Metal Fence															
		CONCRETE WALL:															
22		(18'' Highx12'' Thick) Raised Concrete Planter Wall w/ Reinforcement (1'-6''x1'-4'') Concrete Footing Under Planter Wall w/ Reinforcement	130.3	5%	137	CY	226.00	10%	33,999	[illegible]	[illegible]05.14	85.00	5%	18,309	52,308		
		GRANITE PAVER:															
23		3'' Thick Bed Of Decomposed Granite Over	11.5	5%	12	CY	245.00	10%	[illegible]	2.50	30.19	85.00	5%	2,694	5,948		
24		3'' Thick Bed Of Compacted Boadbase (95% Compacted)	15.3	5%	16	CY	245.00	10%	4,32[illegible]	2.50	40.15	85.00	5%	3,583	7,911		
25		Decomposed Granite To Concrete Pavement Transition 3/16''x4'' Steel Header w/ Stake Pocket (Black Color) @ Granite Paver Edge	1341.0	5%	1408	SF	18.80	10%	29[illegible]	[illegible]	281.61	85.00	5%	25,134	54,252		
		GRAVEL PAVE CELL:															
26		2'' Thick Gravelpave2 Filled w/ 3/8'' Crushed California Gold Over	9.0	5%	9	LF	21.20	10%	[illegible]	0.54	5.10	85.00	5%	455	676		
27		6'' Thick Class 2 Road Base	896.0	5%	941	LF	17.70	[illegible]	1[illegible]	0.10	94.08	85.00	5%	8,397	26,714		
28		1''x6'' Composite Header w/ Plastic Stake @ Gravel Pave Edge Plastic Stake @ 3'-0'' Spaced	5373.0	5%	5642	SF	4.65	10[illegible]	[illegible]882	0.05	282.08	85.00	5%	25,176	54,058		
		COBBLE PAVING:															
29		(12''X18'') Cobble Paving @ Rainchain Downspout (6''-12'' Deep) w/ Decorative Stone	666.0	5%	699	LF	[illegible]	10%	[illegible]5	0.03	23.78	85.00	5%	2,122	3,737		
30		(24x36'') Cobble Paving @ Curb Cut (6''-12'' Deep) w/ 2''-4'' Dia Decorative Stone Filter Fabrics	222.0	0%	222	EA	[illegible]	10%	[illegible],381	0.21	46.62	85.00	5%	4,161	5,542		
31		ACCESSIBLE RAMP:	19.5	5%	20	SF	[illegible]2.40	[illegible]	279	0.20	4.10	85.00	5%	365	645		
32	C03/C09	Accessible Curb Ramp	468.0	5%	[illegible]	SF	[illegible]	[illegible]	10,162	0.20	98.28	85.00	5%	8,771	18,934		
33			487.5	5%	[illegible]	SF	[illegible]	10%	56	0.01	3.07	85.00	5%	274	330		
		FENCES & GATE:															
34		5'-0'' High Steel Fence (Mette Charcoal Color) W/	231.0	5%	243	[illegible]	76.5[illegible]	10%	20,411	0.20	48.51	85.00	5%	4,330	24,740		
		1''X2'' Wide x1/2'' Min Tubeular Steel Top & Bottom Rail															
		1/2'' SQ. Solid Steel Pickets Spaced @ 4'' oc 2''x2'' Tubular Steel Post Spaced 2'-0'' Max (7'-0'' High)															
35		Double Swing Fire Access Gate w/ 3-1/2'' Steel Pipe 6'' Dia Steel Pipe (7'-0'' High)	1036.0	5%	[illegible]88	LF	[illegible]	10%	5,145	0.40	435.12	85.00	5%	38,834	43,980		
36		Knox Emergency Access System Padlock	518.0	0%	[illegible]	EA	12.20	10%	6,952	0.21	108.78	85.00	5%	9,709	16,660		
37		[illegible]	1.0	0[illegible]	1	[illegible]	455.00	10%	501	2.32	2.32	85.00	5%	207	708		
38		Wheel Stop	21.0	[illegible]	22	[illegible]	45.50	10%	1,104	0.10	2.21	85.00	5%	197	1,300		
39		Detectable Warning Surface Trash Receptacle	2.0	[illegible]	2	EA	115.00	10%	253	0.43	0.86	85.00	5%	77	330		
		Model: Landscape Form Stcn-So Steely Can Side Opening Receptacle															
40		(26'' High x 28'' Wide) Bike Rack	10.0	[illegible]	[illegible]	EA	45.00	10%	495	0.65	6.54	85.00	5%	584	1,079		
41		Model: Ride Embeded Mount	344.0	[illegible]	[illegible]	SF	22.20	10%	8,821	0.05	16.25	85.00	5%	1,451	10,271		
42		Finish & Color: Stormcloud	2.0	0%	[illegible]	EA	212.00	10%	466	0.65	1.31	85.00	5%	117	583		
43		(8'-0''X2'-0'') Bench (Jarrah Wood) Model: Landscape Forms NLVN-B-69-E 24'' Dia Concrete Pot (9 Each)	[illegible]	0%	8	EA	144.00	10%	1,267	1.10	8.80	85.00	5%	785	2,053		
		Model: Qcp Xozumel 310-Qr-Coz-2724p															
44		Color: French Gray 33'' Dia Concrete Pot (9 Each) Model: Qcp Xozumel 310-Qr-Coz-2724p	[illegible]	[illegible]%	2	EA	1,323.00	10%	2,911	2.12	4.24	85.00	5%	378	3,289		
45		Color: French Gray Filter Fabric	1.6	5%	2	CY	322.00	10%	584	5.50	9.07	85.00	5%	809	1,393		
46		4'' Wide White Painted Parking Strips 4'' Blue Strips Accessible Parking Striping 36''x36'' International Symbol Of Accessibility w/Blue Background & W[illegible] Border	2.9	5%	3	CY	322.00	10%	1,064	5.50	16.52	85.00	5%	1,475	2,539		
47		EV Ready Sign On Pavement	93.9	5%	99	SF	0.10	10%	11	0.01	0.49	85.00	5%	44	55		
		SIGNAGE															
48		Install R26F "No Stopping Fire Lane" Sign & Post	4770.0	5%	5009	LF	2.20	10%	12,121	0.03	150.26	85.00	5%	13,410	25,531		
49		Install Van Accessible ADA Parking Space	471.6	5%	495	LF	2.20	10%	1,198	0.03	14.85	85.00	5%	1,326	2,524		
50		Install R100B "Violator Parking" Sign	10.0	0%	10	EA	122.00	10%	1,342	1.10	11.00	85.00	5%	982	2,324		
51		(2'-0''X1'-6'') Sign Board @ Gate	18.0	0%	18	EA	65.00	10%	1,287	1.32	23.76	85.00	5%	2,121	3,408		
		EROSION & SEDIMENT CONTROL															
52		3'x4.4' Rip Rap @ Curb Cut	16.0	0%	16	EA	165.50	10%	2,913	1.10	17.60	85.00	5%	1,571	4,484		
53		3'x3.75' Rip Rap @ Curb Cut	1.0	0%	1	EA	88.00	10%	97	1.32	1.32	85.00	5%	118	215		
54		3'x4.5' Rip Rap @ Curb Cut	2.0	0%	2	EA	176.60	10%	389	1.43	2.86	85.00	5%	255	644		
55		Storm Drain Inlet Protection	2.0	0%	2	EA	244.00	10%	537	1.65	3.31	85.00	5%	295	832		
		Stabilized Construction Entrance w/ C[illegible]d Aggre[illegible] Greater Than [illegible] Le[illegible] 6''															
56			155.9	5%	164	SF	5.50	10%	990	0.13	21.28	85.00	5%	1,899	2,889		
57		Coaggurated Steel Panel	101.3	5%	106	SF	5.50	10%	643	0.13	13.82	85.00	5%	1,233	1,877		
58		Filter Fabric	796.5	5%	836	SF	5.50	10%	5,060	0.13	108.72	85.00	5%	9,703	14,763		
59		Gravel Bag Check D[illegible]	82.0	0%	82	EA	121.00	10%	10,914	1.21	99.22	85.00	5%	8,855	19,770		
60		Detention Basin [illegible]ure 14' Wide Weir Em[illegible]ow	761.0	5%	799	SF	4.50	10%	3,955	0.06	43.95	85.00	5%	3,922	7,878		
		SILT FENCE:															
61		2'-6'' High Temporary [illegible]r Fabric	342.0	5%	359	SF	4.40	10%	1,738	0.05	19.39	85.00	5%	1,731	3,469		
		2''x2'' Wood Stake Spa[illegible]8'-0[illegible] Height: 4'-0'')	761.0	5%	799	SF	0.10	10%	88	0.01	4.00	85.00	5%	357	444		
62		Stapl[illegible](4 Staple Per Stake	2.0	0%	2	EA	54.00	10%	119	1.20	2.40	85.00	5%	214	333		
63			1.0	0%	1	EA	1,266.00	10%	1,393	5.65	5.65	85.00	5%	504	1,897		
64	L3.0	CO[illegible]WASHOUT:	30.0	5%	32	LF	110.00	10%	3,812	1.10	34.65	85.00	5%	3,093	6,904		
65		[illegible]chout 10[illegible] (3'-0'' [illegible]raw Ba[illegible]															
66		Wood O[illegible]akes (2 Pe[illegible]ale)	1580.0	5%	1659	LF	2.30	10%	4,197	0.10	165.90	85.00	5%	14,807	19,004		
67			198	0%	198	EA	8.80	10%	1,912	0.15	30.47	85.00	5%	2,720	4,632		
68			790.0	0%	790	EA	1.40	10%	1,217	0.09	69.20	85.00	5%	6,176	7,393		
69			1.0	0%	1	EA	1,200.00	10%	1,320	40.00	40.00	85.00	5%	3,570	4,890		
70			180.0	5%	189	SF	0.10	10%	21	0.01	0.95	85.00	5%	84	105		
71			8.0	0%	8	EA	55.50	10%	488	1.20	9.60	85.00	5%	857	1,345		
72			16.0	0%	16	EA	12.20	10%	215	0.43	6.91	85.00	5%	617	832		
		MISC.															
73		(3''x3''x8') Wood Post	2.0	0%	2	EA	45.00	10%	99	0.62	1.25	85.00	5%	111	210		
		LANDSCAPE															
		TREES:															
74		Botanical Name: Acaacia Stenophylla Common Name: Shoestring Acacia, Size: 24'' Box	3.0	0%	3	EA	434.00	10%	1,432	4.77	14.30	85.00	5%	1,277	2,709		
75		Botanical Name: Arblitus X Marina Common Name: Arblitus Multi-Trunk, Size: 36'' Box	3.0	0%	3	EA	323.00	10%	1,066	3.55	10.65	85.00	5%	950	2,016		
76		Botanical Name: Cercis Occidentalis Common Name:Western Redbud Multi-Trunk, Size: 15 GAL	37.0	0%	37	EA	124.00	10%	5,047	1.36	50.41	85.00	5%	4,499	9,546		
77		Botanical Name: Cercis Reinformis Common Name:Texas White Redbud, Size: 15 GAL	12.0	0%	12	EA	143.00	10%	1,888	1.57	18.85	85.00	5%	1,683	3,570		
78		Botanical Name: Chorisia Speciosa Common Name: Silk Floss Tree, Size: 24'' Box	4.0	0%	4	EA	221.00	10%	972	2.43	9.71	85.00	5%	867	1,839		
79		Botanical Name: Cupressus Macrocarpa Common Name: Monterey Cypress Standard, Size: 48'' Box	7.0	0%	7	EA	263.00	10%	2,025	2.89	20.23	85.00	5%	1,805	3,830		
80		Botanical Name: Cupressus Macrocarpa Common Name: Monterey Cypress Multi-Trunk, Size: 24'' Box	4.0	0%	4	EA	279.00	10%	1,228	3.07	12.26	85.00	5%	1,094	2,322		
81		Botanical Name: Plantanus Racemosa Common Name: California Sycamore, Size: 24'' Box	30.0	0%	30	EA	300.00	10%	9,900	3.30	98.88	85.00	5%	8,825	18,725		
82		Botanical Name: Quercus Agrifolia Common Name: Coast Live Oak , Size: 24'' Box	47.0	0%	47	EA	354.00	10%	18,302	3.89	182.80	85.00	5%	16,315	34,617		
83		Botanical Name: Quercus Agrifolia Common Name: Coast Live Oak Multi-Trunk, Size: 36'' Box	3.0	0%	3	EA	217.00	10%	716	2.38	7.15	85.00	5%	638	1,354		
84		Botanical Name: Quercus Ilex Common Name: Holly Oak, Size: 24'' Box	37.0	0%	37	EA	295.00	10%	12,007	3.24	119.92	85.00	5%	10,703	22,709		

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Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL %OVERRIDE	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	MANHOURS %OVERRIDE	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
173		47.5W Led Surface Mounted Linear Led Fixture Wet Listed Manufacturer: Focal Point Model: Seam 2 (1 Light=10FT)	3.0	0%	3	EA	$ 225.00	10%	$ 743	$ 1.65	7.96	$ 85.00	5%	$ 711	$ 1,453		
174		57W Led Surface Mounted Linear Led Fixture Wet Listed Manufacturer: Focal Point Model: Seam 2 (1 Light=12FT)	8.0	0%	8	EA	$ 323.00	10%	$ 843	[illegible]	23.01	$ 85.00	5%	$ 2,053	$ 4,896		
175		12.8W Recessed Led Downlight Manufacturer: Gotham Model: Evo-Sq-30-10-4Ar-Finish-Mvolt-Gz10 Surface Mounted Downlight	58.0	0%	58	EA	$ [illegible]	[illegible]	$ [illegible]	1.65	95.93	$ 85.00	5%	$ 8,562	$ 14,559		
176		Manufacturer: Usai Lighting Model: Bevel Black 20W Surface Mounted Downlight	20.0	0%	20	EA	$ 86.00	10%	$ 1,892	$ 1.54	30.86	$ 85.00	5%	$ 2,754	$ 4,646		
177		Manufacturer: Bk Lighting Model: Catskill Ck-led-x62-wfl-finish	16		16	EA	$ 143.00	10%	$ 2,517	$ 1.65	26.46	$ 85.00	5%	$ 2,362	$ 4,879		

SUB TOTAL		$3,644,676
OVERHEAD & EQUIPMENT	10%	$ 364,468
PROFIT	12%	$ 437,361
INSURANCE	3%	$ 109,340
CONTINGENCY	3%	$ 109,340
NET TOTAL		$ 4,665,186

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