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LA QUINTA 91ST & MCDOWELL

OWNER	ARCHITECT

ADDENDA

Addendum Issued: NONE

Please review any Addendum issued after Date 01/26/2022

99 ESTIMATORS

ID: 1616

BIDDER NAME: _____

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
			010000	**DIVISION 01 - GENERAL REQUIREMENTS**									
1				MOBILIZATION	1	LS							
2				BOND & INSURANCE	1	LS							
3				SUPERVISION	1	LS							
4				SUBMITTALS & SAMPLES	1	LS							
5				TEMPORARY FACILITIES & CONTROLS	1	LS							
6				PROJECT SCHEDULE	1	LS							
7				CLOSEOUT PROCEDURES	1	LS							
8				PERMITS	1	LS							
				Subtotal									
			020000	**DIVISION 02 - EXISTING CONDITIONS**									
			022000	**EARTHWORK**									
9				Footing excavation.	14155	CF							
10	S2.1			Footing backfill.	2805	CF							
11				Export surplus material.	11350	CF							
				Subtotal									
			030000	**DIVISION 03 - CONCRETE**									
			033000	**CAST IN PLACE CONCRETE**									
				(2'Wx1'H) TYPE F-1, CONCRETE FOOTING									
12				Compaction of sub-grade.	1260	SF							
13	S2.1			Formwork.	1004	SF							
14				Rebar's (Grade 60)	1610	LB							
15				Concrete footing. (f'c = 3000 PSI)	1004	CF							
				(2'6"Wx1'H) TYPE F-2, CONCRETE FOOTING									
16				Compaction of sub-grade.	45	SF							
17	S2.1			Formwork.	27	SF							
18				Rebar's (Grade 60)	55	LB							
19				Concrete footing. (f'c = 3000 PSI)	34	CF							
				(3'Wx1'H) TYPE F-3, CONCRETE FOOTING									
20				Compaction of sub-grade.	57	SF							
21	S2.1			Formwork.	33	SF							
22				Rebar's (Grade 60)	80	LB							
23				Concrete footing. (f'c = 3000 PSI)	49	CF							
				(2'Wx1'H) TYPE F-4, CONCRETE FOOTING									
24				Compaction of sub-grade.	435	SF							
25	S2.1			Formwork.	345	SF							
26				Rebar's (Grade 60)	555	LB							
27				Concrete footing. (f'c = 3000 PSI)	345	CF							
				(2'6"Wx1'H) TYPE F-5, CONCRETE FOOTING									
28				Compaction of sub-grade.	1340	SF							
29	S2.1			Formwork.	892	SF							
30				Rebar's (Grade 60)	1784	LB							
31				Concrete footing. (f'c = 3000 PSI)	1115	CF							
				(3'Wx1'H) TYPE F-6, CONCRETE FOOTING									
32				Compaction of sub-grade.	80	SF							
33	S2.1			Formwork.	46	SF							
34				Rebar's (Grade 60)	110	LB							
35				Concrete footing. (f'c = 3000 PSI)	69	CF							
				(3'6"Wx1'H) TYPE F-7, CONCRETE FOOTING									
36				Compaction of sub-grade.	92	SF							
37	S2.1			Formwork.	46	SF							
38				Rebar's (Grade 60)	130	LB							
39				Concrete footing. (f'c = 3000 PSI)	81	CF							
				(3'6"SQ.x1'H) TYPE F-8, CONCRETE FOOTING PAD (7 EA)									
40				Compaction of sub-grade.	112	SF							
41	S2.1			Formwork.	98	SF							
42				Rebar's (Grade 60)	140	LB							
43				Concrete footing. (f'c = 3000 PSI)	86	CF							
				(4'SQ.x1'H) TYPE F-9, CONCRETE FOOTING PAD (4 EA)									
44				Compaction of sub-grade.	81	SF							
45	S2.1			Formwork.	64	SF							
46				Rebar's (Grade 60)	105	LB							
47				Concrete footing. (f'c = 3000 PSI)	64	CF							
				(6'SQ.x1'H) TYPE F-10, CONCRETE FOOTING PAD (2 EA)									
48				Compaction of sub-grade.	85	SF							
49	S2.1			Formwork.	48	SF							
50				Rebar's (Grade 60)	115	LB							
51				Concrete footing. (f'c = 3000 PSI)	72	CF							
				(6'6"SQ.x1'2"H) TYPE F-11, CONCRETE FOOTING PAD (2 EA)									
52				Compaction of sub-grade.	98	SF							
53	S2.1			Formwork.	61	SF							
54				Rebar's (Grade 60)	160	LB							
55				Concrete footing. (f'c = 3000 PSI)	99	CF							
				(7'SQ.x1'2"H) TYPE F-12, CONCRETE FOOTING PAD (1 EA)									
56				Compaction of sub-grade.	57	SF							
57	S2.1			Formwork.	33	SF							
58				Rebar's (Grade 60)	95	LB							
59				Concrete footing. (f'c = 3000 PSI)	58	CF							
				(3'SQ.x1'H) TYPE F-13, CONCRETE FOOTING PAD (1 EA)									
60				Compaction of sub-grade.	13	SF							
61	S2.1			Formwork.	12	SF							
62				Rebar's (Grade 60)	15	LB							
63				Concrete footing. (f'c = 3000 PSI)	9	CF							
				(3'6"SQ.x1'H) TYPE F-14, CONCRETE FOOTING PAD (11 EA)									
64				Compaction of sub-grade.	176	SF							
65	S2.1			Formwork.	154	SF							
66				Rebar's (Grade 60)	216	LB							
67				Concrete footing. (f'c = 3000 PSI)	135	CF							
				(4'SQ.x1'H) TYPE F-15, CONCRETE FOOTING PAD (12 EA)									
68				Compaction of sub-grade.	243	SF							
69	S2.1			Formwork.	192	SF							

JS ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
70				Rebar's (Grade 60)	310	LB							
71				Concrete footing. (f'c = 3000 PSI)	192	CF							
				(4'6"SQ.x1'H) TYPE F-16, CONCRETE FOOTING PAD (2 EA)									
72	S2.1			Compaction of sub-grade.	50	SF							
73				Formwork.	36	SF							
74				Rebar's (Grade 60)	66	LB							
75				Concrete footing. (f'c = 3000 PSI)	41	CF							
				(5'SQ.x1'H) TYPE F-17, CONCRETE FOOTING PAD (2 EA)									
76	S2.1			Compaction of sub-grade.	61	SF							
77				Formwork.	40	SF							
78				Rebar's (Grade 60)	80	LB							
79				Concrete footing. (f'c = 3000 PSI)	50	CF							
				(4'6"SQ.x1'H) TYPE F-18, CONCRETE FOOTING PAD (3 EA)									
80	S2.1			Compaction of sub-grade.	75	SF							
81				Formwork.	54	SF							
82				Rebar's (Grade 60)	100	LB							
83				Concrete footing. (f'c = 3000 PSI)	61	CF							
				(5'SQ.x1'H) TYPE F-19, CONCRETE FOOTING PAD (1 EA)									
84	S2.1			Compaction of sub-grade.	30	SF							
85				Formwork.	20	SF							
86				Rebar's (Grade 60)	40	LB							
87				Concrete footing. (f'c = 3000 PSI)	25	CF							
				(5'6"SQ.x1'H) TYPE F-20, CONCRETE FOOTING PAD (3 EA)									
88	S2.1			Compaction of sub-grade.	108	SF							
89				Formwork.	66	SF							
90				Rebar's (Grade 60)	146	LB							
91				Concrete footing. (f'c = 3000 PSI)	91	CF							
				(6'SQ.x1'H) TYPE F-21, CONCRETE FOOTING PAD (1 EA)									
92	S2.1			Compaction of sub-grade.	43	SF							
93				Formwork.	24	SF							
94				Rebar's (Grade 60)	60	LB							
95				Concrete footing. (f'c = 3000 PSI)	36	CF							
				(6'6"SQ.x1'2"H) TYPE F-22, CONCRETE FOOTING PAD (1 EA)									
96	S2.1			Compaction of sub-grade.	49	SF							
97				Formwork.	30	SF							
98				Rebar's (Grade 60)	80	LB							
99				Concrete footing. (f'c = 3000 PSI)	50	CF							
				(7'SQ.x1'2"H) TYPE F-23, CONCRETE FOOTING PAD (2 EA)									
100	S2.1			Compaction of sub-grade.	113	SF							
101				Formwork.	65	SF							
102				Rebar's (Grade 60)	184	LB							
103				Concrete footing. (f'c = 3000 PSI)	115	CF							
				(7'6"SQ.x1'2"H) TYPE F-24, CONCRETE FOOTING PAD (1 EA)									
104	S2.1			Compaction of sub-grade.	64	SF							
105				Formwork.	35	SF							
106				Rebar's (Grade 60)	106	LB							
107				Concrete footing. (f'c = 3000 PSI)	66	CF							
				(8'SQ.x1'4"H) TYPE F-25, CONCRETE FOOTING PAD (1 EA)									
108	S2.1			Compaction of sub-grade.	75	SF							
109				Formwork.	43	SF							
110				Rebar's (Grade 60)	140	LB							
111				Concrete footing. (f'c = 3000 PSI)	85	CF							
				(9'SQ.x1'6"H) TYPE F-26, CONCRETE FOOTING PAD (1 EA)									
112	S2.1			Compaction of sub-grade.	90	SF							
113				Formwork.	54	SF							
114				Rebar's (Grade 60)	215	LB							
115				Concrete footing. (f'c = 3000 PSI)	122	CF							
				(8'SQ.x1'4"H) TYPE F-27, CONCRETE FOOTING PAD (1 EA)									
116	S2.1			Compaction of sub-grade.	75	SF							
117				Formwork.	43	SF							
118				Rebar's (Grade 60)	140	LB							
119				Concrete footing. (f'c = 3000 PSI)	85	CF							
				(9'Wx14'Lx1'6"H) TYPE F-28, CONCRETE FOOTING PAD (1 EA)									
120	S2.1			Compaction of sub-grade.	138	SF							
121				Formwork.	69	SF							
122				Rebar's (Grade 60)	330	LB							
123				Concrete footing. (f'c = 3000 PSI)	189	CF							
				(3'SQ.x1'H) TYPE F-29, CONCRETE FOOTING PAD (1 EA)									
124	S2.1			Compaction of sub-grade.	13	SF							
125				Formwork.	12	SF							
126				Rebar's (Grade 60)	15	LB							
127				Concrete footing. (f'c = 3000 PSI)	9	CF							
				(3'SQ.x1'H) TYPE F-30, CONCRETE FOOTING PAD (1 EA)									
128	S2.1			Compaction of sub-grade.	13	SF							
129				Formwork.	12	SF							
130				Rebar's (Grade 60)	15	LB							
131				Concrete footing. (f'c = 3000 PSI)	9	CF							
				(4'SQ.x1'H) TYPE F-31, CONCRETE FOOTING PAD (1 EA)									
132	S2.1			Compaction of sub-grade.	21	SF							
133				Formwork.	16	SF							
134				Rebar's (Grade 60)	25	LB							
135				Concrete footing. (f'c = 3000 PSI)	16	CF							
				(5'SQ.x1'H) TYPE F-32, CONCRETE FOOTING PAD (1 EA)									
136	S2.1			Compaction of sub-grade.	30	SF							
137				Formwork.	20	SF							
138				Rebar's (Grade 60)	40	LB							
139				Concrete footing. (f'c = 3000 PSI)	25	CF							
				(8'SQ.x1'4"H) TYPE F-33, CONCRETE FOOTING PAD (1 EA)									
140	S2.1			Compaction of sub-grade.	75	SF							

99 ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
141				Formwork.	43	SF							
142				Rebar's (Grade 60)	140	LB							
143				Concrete footing. (f'c = 3000 PSI)	85	CF							
				(8'SQ.x1'4"H) TYPE F-34, CONCRETE FOOTING PAD (1 EA)									
144	S2.1			Compaction of sub-grade.	75	SF							
145				Formwork.	43	SF							
146				Rebar's (Grade 60)	140	LB							
147				Concrete footing. (f'c = 3000 PSI)	85	CF							
				(9'SQ.x1'6"H) TYPE F-35, CONCRETE FOOTING PAD (1 EA)									
148	S2.1			Compaction of sub-grade.	90	SF							
149				Formwork.	54	SF							
150				Rebar's (Grade 60)	215	LB							
151				Concrete footing. (f'c = 3000 PSI)	122	CF							
				(9'6"SQ.x1'6"H) TYPE F-36, CONCRETE FOOTING PAD (1 EA)									
152	S2.1			Compaction of sub-grade.	100	SF							
153				Formwork.	57	SF							
154				Rebar's (Grade 60)	240	LB							
155				Concrete footing. (f'c = 3000 PSI)	136	CF							
				(10'6"SQ.x1'8"H) TYPE F-37, CONCRETE FOOTING PAD (1 EA)									
156	S2.1			Compaction of sub-grade.	121	SF							
157				Formwork.	70	SF							
158				Rebar's (Grade 60)	322	LB							
159				Concrete footing. (f'c = 3000 PSI)	184	CF							
				(12" THK) ELEVATOR CONCRETE FOOTING PAD									
160	S2.1			Compaction of sub-grade.	230	SF							
161				Formwork.	32	SF							
162				Rebar's (Grade 60)	520	LB							
163				Concrete footing. (f'c = 3000 PSI)	230	CF							
				(10" SQ.x2'H) CONCRETE FOOTING PAD (24 EA)									
164	A2.8			Compaction of sub-grade.	45	SF							
165				Rebar's (Grade 60)	60	LB							
166				Concrete footing. (f'c = 3000 PSI)	35	CF							
				CONCRETE WALL									
167	S2.1			Formwork.	440	SF							
168				Rebar's (Grade 60)	330	LB							
169				(8" THK) Concrete wall. (f'c = 3000 PSI)	147	CF							
				SLAB ON GRADE									
170	S2.2			Compaction of sub-grade.	13790	SF							
171				(4" THK) Drainge gravel fill.	13790	SF							
172				(10 MIL) Vapor barrier.	13790	SF							
173				Rebar's (Grade 60)	16550	LB							
174				(4" THK) Slab on grade. (f'c = 3000 PSI)	13790	SF							
				SLAB ON GRADE									
175	S2.2			Compaction of sub-grade.	50	SF							
176				(4" THK) Drainge gravel fill.	50	SF							
177				(10 MIL) Vapor barrier.	50	SF							
178				Rebar's (Grade 60)	75	LB							
179				(12" THK) Slab on grade. (f'c = 3000 PSI)	50	SF							
				HOUSKEEPING CONCRETE PAD									
180	A2.6			Rebar's (Grade 60)	80	LB							
181				(4" THK) Houskeeping concrete pad. (f'c = 3000 PSI)	55	SF							
				(6'Wx10'Lx1'6"H) FIREPIT CONCRETE FOOTING PAD (1 EA) **NOTE:** PAD DETAIL NOT GIVEN ON DRAWINGS SO, WE HAVE ASSUMED THESE ITEMS)									
182	A2.8			Compaction of sub-grade.	70	SF							
183				Formwork.	48	SF							
184				Rebar's (Grade 60)	205	LB							
185				Concrete footing. (f'c = 3000 PSI)	90	CF							
				POOL WALL **NOTE:** WALL DETAIL NOT GIVEN ON DRAWINGS SO, WE HAVE ASSUMED THESE ITEMS)									
186	A2.8			Waterprrofing membrane.	630	SF							
187				Rebar's (Grade 60)	1370	LB							
188				(10" THK) Concrete wall. (f'c = 3000 PSI)	96	CF							
189				(12" THK) Concrete wall. (f'c = 3000 PSI)	512	CF							
				POOL DECK SLAB **NOTE:** SLAB DETAIL NOT GIVEN ON DRAWINGS SO, WE HAVE ASSUMED THESE ITEMS)									
190	A2.8			Compaction of sub-grade.	2445	SF							
191				(4" THK) Drainge gravel fill.	2445	SF							
192				(10 MIL) Vapor barrier.	2445	SF							
193				Rebar's (Grade 60)	3670	LB							
194				(4" THK) Concrete slab. (f'c = 3000 PSI)	2445	SF							
				POOL SLAB **NOTE:** SLAB DETAIL NOT GIVEN ON DRAWINGS SO, WE HAVE ASSUMED THESE ITEMS)									
195	A2.8			Compaction of sub-grade.	1060	SF							
196				(6" THK) Drainge gravel fill.	1060	SF							
197				(10 MIL) Vapor barrier.	1060	SF							
198				Rebar's (Grade 60)	2380	LB							
199				(6" THK) Concrete slab. (f'c = 3000 PSI)	1060	SF							
				POOL STAIR SLAB & STEPS **NOTE:** SLAB DETAIL NOT GIVEN ON DRAWINGS SO, WE HAVE ASSUMED THESE ITEMS)									
200	A2.8			Rebar's (Grade 60)	85	LB							
201				(6" THK) Stair slab & steps. (f'c = 3000 PSI)	40	CF							
202	A2.8			(10'W) Pool Precast coping.	30	LF							
203				(12'W) Pool Precast coping.	130	LF							
				Subtotal									
			040000	**DIVISION 04 - MASONRY**									
			042000	**UNIT MASONRY**									
204	A2.8			(8" THK) Firepit block wall. (Assumed)	425	SF							
				Subtotal									

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
			050000	**DIVISION 05 - METAL**									
			051200	**STRUCTURAL STEEL**									
205				(10x10x3/4) Base plate. (6 EA)	128	LB							
206				(11x11x3/4) Base plate. (52 EA)	1335	LB							
207				(12x12x7/8) Base plate. (2 EA)	72	LB							
208				HSS4x4x3/16 (6 EA)	792	LB							
209				HSS5x5x3/16 (47 EA)	6488	LB							
210				HSS5x5x1/4 (5 EA)	1094	LB							
211				HSS6x6x1/4 (2 EA)	533	LB							
212				W18x40 (8 EA)	4480	LB							
213				W24x76 (1 EA)	1102	LB							
214				HSS4x4x1/4	2012	LB							
215				HSS4x4x1/4 Truss	4961	LB							
216				HSS5x5x3/16	396	LB							
217				W6x20	459	LB							
218	S3.1 to S3.9			W8x28	509	LB							
219				W12x30	310	LB							
220				W16x31	1558	LB							
221				W18x35	708	LB							
222				W18x40	2935	LB							
223				W21x44	1150	LB							
224				W21x50	2725	LB							
225				W24x55	4589	LB							
226				W24x62	3610	LB							
227				W24x68	8959	LB							
228				W24x76	3410	LB							
229				W24x84	7659	LB							
230				W27x84	2973	LB							
231				L3x3x1/4	689	LB							
232				L4x4x1/4	538	LB							
233				L4x4x3/4	888	LB							
234				RC-1 Type 1/2" Resilient Channel @24" O.C.	19050	LF							
				(1HR)TYPE 01 GWB INTERIOR WALL (4565LF)									
235	A2.1 to A7.3			(7/8") Hat Channel W/RSIC-1 @16" O.C.	33964	LF							
236				(7/8") Hat Channel W/RSIC-1 @48" O.C.	15850	LF							
	A2.1 to A7.3			**(2HR)TYPE 02 GWB INTERIOR WALL (517LF)**									
237				(1/2") Resilient Channel @48" O.C.	1863	LF							
				STEEL BEAM FRAMING (30LF)									
238	A2.1 to A7.3			(3 5/8") Metal Studs @16" O.C. (Actual Length; 178) Note: Standard length; 2 ft (190LF)	95	EA							
239				(3 5/8") Metal Top and Bottom Track (Actual Length; 240) Note: Standard length; 10 ft (240LF)	24	EA							
				STEEL BEAM FRAMING (407LF)									
240	A2.1 to A7.3			(8") Metal Track (Actual Length; 407) Note: Standard length; 10 ft (410LF)	41	EA							
241				(1 1/2 x 1 1/2 x 1/4) Angle	814	LF							
			053000	**METAL DECK**									
242	S3.1 to S3.9			(1-1/2") 20 GA. Painted steel roof.	1345	SF							
			055000	**METAL FABRICATIONS**									
243	A2.1 to A7.3			Access Ladder	45	LF							
244				Pre-Fabricated Awning	200	SF							
245				Steel Plate Housing for Nightlatch	2	EA							
246				MISC. Item.	1	LS							
			057000	**ORNAMENTAL METAL**									
247	A2.1 to A7.3			HSS Guardrail w/ (HSS 2"x2"x3/16") Top & Bottom rail and Vertical Supports and (HSS 1"x1"x1/8") Balusters @4" O.C. (3'-6"H)	165	LF							
248				(1-1/2") NOM. DIA Standard Weight Steel Pipe Handrail	330	LF							
				Subtotal									
			060000	**DIVISION 06 - WOOD, PLASTIC AND COMPOSITES**									
			061053	**WOOD FRAMING**									
				WOOD POSTS - DOUGLAS FIR-LARCH STUD									
249	S3.1 to S3.9			(2x6) P.T KING STUD POST (Actual length; 3458 LF) Note: Standard length; 14 ft (3458 LF)	247	EA							
250				(2x6) KING STUD POST (Actual length; 8470 LF) Note: Standard length; 10 ft (9240 LF)	924	EA							
251				(1-1/2"x5-1/2") P.T 1.6E LSL POST (Actual length; 182 LF) Note: Standard length; 10 ft (182 LF)	13	EA							
				WOOD BEAMS - #2 DOUGLAS FIR-LARCH									
252				(2x4) BLOCKING (Actual length; 39 LF) Note: Standard length; 10 ft (40 LF)	4	EA							
253				(2x6) BLOCKING (Actual length; 562 LF) Note: Standard length; 10 ft (570 LF)	57	EA							
254				(2x8) LEDGER (Actual length; 1107 LF) Note: Standard length; 10 ft (1110 LF)	111	EA							
255				(2x6) HEADER BEAM (Actual length; 20 LF) Note: Standard length; 6 ft (24 LF)	4	EA							
256				(2x8) HEADER BEAM (Actual length; 322 LF) Note: Standard length; 4 ft (416 LF)	104	EA							
257				(2x8) HEADER BEAM (Actual length; 670 LF) Note: Standard length; 6 ft (888 LF)	148	EA							
258				(2x8) HEADER BEAM (Actual length; 84 LF) Note: Standard length; 8 ft (96 LF)	12	EA							
259				(2x8) HEADER BEAM (Actual length; 56 LF) Note: Standard length; 10 ft (60 LF)	6	EA							
260				(2x10) HEADER BEAM (Actual length; 17 LF) Note: Standard length; 4 ft (20 LF)	5	EA							
261				(2x10) HEADER BEAM (Actual length; 11 LF) Note: Standard length; 6 ft (12 LF)	2	EA							
262				(2x10) HEADER BEAM (Actual length; 346 LF) Note: Standard length; 8 ft (392 LF)	49	EA							
263				(2x10) HEADER BEAM (Actual length; 109 LF) Note: Standard length; 10 ft (110 LF)	11	EA							
264				(1-3/4"x9-1/2") LVL BEAM (Actual length; 36 LF) Note: Standard length; 4 ft (40 LF)	10	EA							
265				(1-3/4"x9-1/2") LVL BEAM (Actual length; 12 LF) Note: Standard length; 6 ft (12 LF)	2	EA							
266				(1-3/4"x9-1/2") LVL BEAM (Actual length; 28 LF) Note: Standard length; 8 ft (32 LF)	4	EA							

99 ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
267	S3.1 to S3.9			(1-3/4"x9-1/2") LVL BEAM (Actual length; 231 LF) Note: Standard length; 10 ft (240 LF)	24	EA							
268				(1-3/4"x11-7/8") LVL BEAM (Actual length; 7 LF) Note: Standard length; 4 ft (12 LF)	3	EA							
269				(1-3/4"x11-7/8") LVL BEAM (Actual length; 141 LF) Note: Standard length; 6 ft (162 LF)	27	EA							
270				(1-3/4"x11-7/8") LVL BEAM (Actual length; 83 LF) Note: Standard length; 8 ft (96 LF)	12	EA							
271				(1-3/4"x11-7/8") LVL BEAM (Actual length; 869 LF) Note: Standard length; 10 ft (920 LF)	92	EA							
272				(1-3/4"x11-7/8") LVL BEAM (Actual length; 173 LF) Note: Standard length; 12 ft (192 LF)	16	EA							
273				(1-3/4"x11-7/8") LVL BEAM (Actual length; 303 LF) Note: Standard length; 14 ft (336 LF)	24	EA							
274				(5-1/4"x11-7/8") LVL BEAM (Actual length; 7 LF) Note: Standard length; 8 ft (8 LF)	1	EA							
275				(5-1/4"x11-7/8") LVL BEAM (Actual length; 27 LF) Note: Standard length; 10 ft (30 LF)	3	EA							
276				(5-1/4"x11-7/8") LVL BEAM (Actual length; 26 LF) Note: Standard length; 14 ft (28 LF)	2	EA							
277				(7"x9-1/2") LVL BEAM (Actual length; 10 LF) Note: Standard length; 10 ft (10 LF)	1	EA							
278				(7"x11-7/8") LVL BEAM (Actual length; 8 LF) Note: Standard length; 8 ft (8 LF)	1	EA							
279				(7"x11-7/8") LVL BEAM (Actual length; 25 LF) Note: Standard length; 10 ft (30 LF)	3	EA							
280				(7"x11-7/8") LVL BEAM (Actual length; 38 LF) Note: Standard length; 14 ft (42 LF)	3	EA							
281				(7"x11-7/8") LVL BEAM (Actual length; 16 LF) Note: Standard length; 16 ft (16 LF)	1	EA							
282				(7"x14") LVL BEAM (Actual length; 75 LF) Note: Standard length; 14 ft (84 LF)	6	EA							
283				(7"x16") LVL BEAM (Actual length; 16 LF) Note: Standard length; 16 ft (16 LF)	1	EA							
284				(5-1/8"x15") GLB BEAM (Actual length; 16 LF) Note: Standard length; 16 ft (16 LF)	1	EA							
	S3.1 to S3.9			**FLOOR / ROOF JOISTS - #2 DOUGLAS FIR-LARCH**									
285				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 153 LF) Note: Standard length; 6 ft (168 LF)	28	EA							
286				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 229 LF) Note: Standard length; 8 ft (248 LF)	31	EA							
287				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 385 LF) Note: Standard length; 10 ft (390 LF)	39	EA							
288				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 81 LF) Note: Standard length; 12 ft (96 LF)	8	EA							
289				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 20081 LF) Note: Standard length; 14 ft (21266 LF)	1519	EA							
290				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 178 LF) Note: Standard length; 16 ft (192 LF)	12	EA							
291				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 1390 LF) Note: Standard length; 18 ft (1530 LF)	85	EA							
292				11-7/8" LPI 32 PLUS FLOOR JOISTS (Actual length; 84 LF) Note: Standard length; 12 ft (84 LF)	7	EA							
293				11-7/8" LPI 32 PLUS FLOOR JOISTS (Actual length; 271 LF) Note: Standard length; 14 ft (308 LF)	22	EA							
294				11-7/8" LPI 52 PLUS FLOOR JOISTS (Actual length; 30 LF) Note: Standard length; 10 ft (30 LF)	3	EA							
295				(2x8) FLOOR JOISTS (Actual length; 251 LF) Note: Standard length; 6 ft (270 LF)	45	EA							
296				(2x8) FLOOR JOISTS (Actual length; 3525 LF) Note: Standard length; 8 ft (4320 LF)	540	EA							
297				(2x8) FLOOR JOISTS (Actual length; 97 LF) Note: Standard length; 10 ft (100 LF)	10	EA							
298				(2x8) FLOOR JOISTS (Actual length; 122 LF) Note: Standard length; 12 ft (132 LF)	11	EA							
299				(1-1/4") RIM JOISTS (Actual length; 1865 LF) Note: Standard length; 10 ft (1870 LF)	187	EA							
300				(2x8) ROOF RAFTERS (Actual length; 69 LF) Note: Standard length; 8 ft (80 LF)	10	EA							
301				(2x8) ROOF RAFTERS (Actual length; 814 LF) Note: Standard length; 10 ft (860 LF)	86	EA							
302				(2x10) ROOF RAFTERS (Actual length; 83 LF) Note: Standard length; 4 ft (112 LF)	28	EA							
303				(2x10) ROOF RAFTERS (Actual length; 107 LF) Note: Standard length; 6 ft (132 LF)	22	EA							
304				(2x10) ROOF RAFTERS (Actual length; 896 LF) Note: Standard length; 8 ft (1000 LF)	125	EA							
305				(2x12) STAIR STRINGER (Actual length; 101 LF) Note: Standard length; 10 ft (120 LF)	12	EA							
306				(2x12) STAIR STRINGER (Actual length; 257 LF) Note: Standard length; 12 ft (288 LF)	24	EA							
307				(2x12) STAIR STRINGER (Actual length; 148 LF) Note: Standard length; 14 ft (168 LF)	12	EA							
	S3.8			**ROOF TRUSSES**									
308				PRE-Manufactured roof trusses	6185	LF							
	S3.1 to S3.9			**WALL BRACING - DOUGLAS FIR-LARCH STUD**									
309				(2x4) BRACING (Actual length; 212 LF) Note: Standard length; 4 ft (212 LF)	53	EA							
310				(2x6) BRACING (Actual length; 60 LF) Note: Standard length; 6 ft (72 LF)	12	EA							
311				(2x6) BRACING (Actual length; 208 LF) Note: Standard length; 8 ft (208 LF)	26	EA							
312				(2x6) BRACING (Actual length; 1840 LF) Note: Standard length; 20 ft (1840 LF)	92	EA							
	A2.1 to A7.3			**(1HR)TYPE 01 GWB INTERIOR WALL - DOUGLAS FIR-LARCH STUD (4565LF)**									
313				(2x6) Wood Studs @16" O.C. (Actual Length; 8549) Note: Standard length; 14 ft (9450LF)	675	EA							
314				(2x6) Wood Studs @16" O.C. (Actual Length; 50) Note: Standard length; 4 ft (76LF)	19	EA							
315				(2x6) Wood Studs @16" O.C. (Actual Length; 25366) Note: Standard length; 10 ft (27430LF)	2743	EA							
316				(2x6) P.T. Wood Bottom Track (Actual Length; 896) Note: Standard length; 10 ft (900LF)	90	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
317				(2x6) Top and Bottom Track (Actual Length; 16445) Note: Standard length; 10 ft (16450LF)	1645	EA							
	A2.1 to A7.3			**(2HR)TYPE 02 GWB INTERIOR WALL - DOUGLAS FIR-LARCH STUD (517LF)**									
318				(2x6) Wood Studs @16" O.C. (Actual Length; 943) Note: Standard length; 12 ft (1116LF)	93	EA							
319				(2x6) Wood Studs @16" O.C. (Actual Length; 597) Note: Standard length; 14 ft (658LF)	47	EA							
320				(2x6) Wood Studs @16" O.C. (Actual Length; 330) Note: Standard length; 14 ft (350LF)	25	EA							
321				(2x6) Wood Studs @16" O.C. (Actual Length; 645) Note: Standard length; 14 ft (658LF)	47	EA							
322				(2x6) Wood Studs @16" O.C. (Actual Length; 26) Note: Standard length; 4 ft (36LF)	9	EA							
323				(2x6) Wood Studs @16" O.C. (Actual Length; 1623) Note: Standard length; 10 ft (1760LF)	176	EA							
324				(2x6) P.T. Wood Bottom Track (Actual Length; 122) Note: Standard length; 10 ft (130LF)	13	EA							
325				(2x6) Top and Bottom Track (Actual Length; 1824) Note: Standard length; 10 ft (1830LF)	183	EA							
	A2.1 to A7.3			**TYPE 03A GWB INTERIOR WALL - DOUGLAS FIR-LARCH STUD (189LF)**									
326				(2x4) Wood Studs @16" O.C. (Actual Length; 1213) Note: Standard length; 14 ft (1344LF)	96	EA							
327				(2x4) Wood Studs @16" O.C. (Actual Length; 78) Note: Standard length; 4 ft (88LF)	22	EA							
328				(2x4) Wood Studs @16" O.C. (Actual Length; 253) Note: Standard length; 10 ft (280LF)	28	EA							
329				(2x4) P.T. Bottom Track (Actual Length; 126) Note: Standard length; 10 ft (130LF)	13	EA							
330				(2x4) Top and Bottom Tracks (Actual Length; 504) Note: Standard length; 10 ft (510LF)	51	EA							
	A2.1 to A7.3			**TYPE 04 GWB EXTERIOR WALL - DOUGLAS FIR-LARCH STUD (2863LF)**									
331				(2x6) Wood Studs @16" O.C. (Actual Length; 382) Note: Standard length; 12 ft (444LF)	37	EA							
332				(2x6) Wood Studs @16" O.C. (Actual Length; 5861) Note: Standard length; 14 ft (6440LF)	460	EA							
333				(2x6) Wood Studs @16" O.C. (Actual Length; 297) Note: Standard length; 4 ft (320LF)	80	EA							
334				(2x6) Wood Studs @16" O.C. (Actual Length; 308) Note: Standard length; 14 ft (350LF)	25	EA							
335				(2x6) Wood Studs @16" O.C. (Actual Length; 20) Note: Standard length; 4 ft (32LF)	8	EA							
336				(2x6) Wood Studs @16" O.C. (Actual Length; 26) Note: Standard length; 4 ft (36LF)	9	EA							
337				(2x6) Wood Studs @16" O.C. (Actual Length; 28) Note: Standard length; 4 ft (32LF)	8	EA							
338				(2x6) Wood Studs @16" O.C. (Actual Length; 178) Note: Standard length; 6 ft (216LF)	36	EA							
339				(2x6) Wood Studs @16" O.C. (Actual Length; 405) Note: Standard length; 10 ft (480LF)	48	EA							
340				(2x6) Wood Studs @16" O.C. (Actual Length; 13467) Note: Standard length; 10 ft (14560LF)	1456	EA							
341				(2x4) P.T. Bottom Track (Actual Length; 657) Note: Standard length; 10 ft (660LF)	66	EA							
342				(2x4) Top and Bottom Tracks (Actual Length; 9930) Note: Standard length; 10 ft (9930LF)	993	EA							
	A2.1 to A7.3			**TYPE 05A GWB INTERIOR WALL - DOUGLAS FIR-LARCH STUD (22LF)**									
343				(2x6) Wood Studs @16" O.C. (Actual Length; 163) Note: Standard length; 10 ft (180LF)	18	EA							
344				(2x6) Top and Bottom Tracks (Actual Length; 44) Note: Standard length; 10 ft (50LF)	5	EA							
	A2.1 to A7.3			**TYPE 08 GWB INTERIOR WALL - DOUGLAS FIR-LARCH STUD (109LF)**									
345				(2x4) Wood Studs @16" O.C. (Actual Length; 899) Note: Standard length; 14 ft (994LF)	71	EA							
346				(2x4) Wood Studs @16" O.C. (Actual Length; 121) Note: Standard length; 10 ft (130LF)	13	EA							
347				(2x4) P.T. Bottom Track (Actual Length; 93) Note: Standard length; 10 ft (100LF)	10	EA							
348				(2x4) Top and Bottom Tracks (Actual Length; 250) Note: Standard length; 10 ft (250LF)	25	EA							
	A2.1 to A7.3			**GWB INTERIOR WALL - DOUGLAS FIR-LARCH STUD (2280LF)**									
349				(2x4) Wood Studs @16" O.C. (Actual Length; 1842) Note: Standard length; 14 ft (2044LF)	146	EA							
350				(2x4) Wood Studs @16" O.C. (Actual Length; 14538) Note: Standard length; 10 ft (15720LF)	1572	EA							
351				(2x4) P.T. Bottom Tracks (Actual Length; 191) Note: Standard length; 10 ft (200LF)	20	EA							
352				(2x4) Top and Bottom Tracks (Actual Length; 6649) Note: Standard length; 10 ft (6650LF)	665	EA							
	A2.1 to A7.3			**GWB INTERIOR FURRING WALL - DOUGLAS FIR-LARCH STUD (577LF)**									
353				(2x4) Wood Studs @16" O.C. (Actual Length; 356) Note: Standard length; 14 ft (392LF)	28	EA							
354				(2x4) Wood Studs @16" O.C. (Actual Length; 3779) Note: Standard length; 10 ft (4090LF)	409	EA							
355				(2x4) P.T. Bottom Tracks (Actual Length; 35) Note: Standard length; 10 ft (40LF)	4	EA							
356				(2x4) Top and Bottom Tracks (Actual Length; 1696) Note: Standard length; 10 ft (1700LF)	170	EA							
	A2.1 to A7.3			**EXTERIOR BULKHEAD FRAMING - DOUGLAS FIR-LARCH STUD (104LF)**									
357				(2x4) Wood Studs @16" O.C. (Actual Length; 160) Note: Standard length; 2 ft (160LF)	80	EA							
358				(2x4) Wood Studs @16" O.C. (Actual Length; 238) Note: Standard length; 4 ft (320LF)	80	EA							
359				(2x4) Top and Bottom Tracks (Actual Length; 520) Note: Standard length; 10 ft (520LF)	52	EA							
				GWB CEILING SOFFIT FRAMING - DOUGLAS FIR-LARCH STUD (172LF)									

ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
360	A2.1 to A7.3			(2x4) Wood Studs @16" O.C. (Actual Length; 131) Note: Standard length; 2 ft (262LF)	131	EA							
361				(2x4) Top and Bottom Tracks (Actual Length; 344) Note: Standard length; 10 ft (350LF)	35	EA							
				PARAPET WALLS - DOUGLAS FIR-LARCH STUD									
362				(2x4) PARAPET WALL (Actual length; 177 LF) Note: Standard length; 4 ft (228 LF)	57	EA							
363				(2x4) PARAPET WALL (Actual length; 1156 LF) Note: Standard length; 6 ft (1176 LF)	196	EA							
364				(2x4) PARAPET WALL (Actual length; 325 LF) Note: Standard length; 8 ft (400 LF)	50	EA							
365				(2x4) PARAPET WALL (Actual length; 1210 LF) Note: Standard length; 16 ft (1312 LF)	82	EA							
366	S3.1 to S3.9			(2x6) PARAPET WALL (Actual length; 84 LF) Note: Standard length; 4 ft (84 LF)	21	EA							
367				(2x6) PARAPET WALL (Actual length; 546 LF) Note: Standard length; 8 ft (672 LF)	84	EA							
368				(2x4) PARAPET WALL (Actual length; 2272 LF) Note: Standard length; 16 ft (2464 LF)	154	EA							
369				(2x4) TOP & BOTTOM TRACK Note: Standard length; 10 ft (2280 LF)	228	EA							
370				(2x6) TOP & BOTTOM TRACK Note: Standard length; 10 ft (1540 LF)	154	EA							
371				SIMPSON A35	990	EA							
372				SIMPSON LU210	1125	EA							
373				USP FWH25118 Fire wall hanger.	547	EA							
374				SIMPSON IT52.56/11.88	414	EA							
375				SIMPSON MIT3511.88	88	EA							
376				SIMPSON BA3.56/11.88	2	EA							
377	S3.1 to S3.9			SIMPSON H1 Tie	446	EA							
378				SIMPSON JB28	38	EA							
379				SIMPSON T59	255	EA							
380				CS16x48	59	EA							
381				DTT2Z-SDS2.5	15	EA							
382				HDU2-SDS2.5	9	EA							
383				HDU8-SDS2.5	4	EA							
384				LSTHD8	2	EA							
			061000	**ROUGH CARPENTRY**									
385				(3/4") APA RATED STRUCT. II PLYWOOD FLOOR SHEATHING Note: Standard Size; 4x8 (40620 SF)	1270	EA							
386	S3.1 to S3.9			(7/16") APA RATED PLYWOOD SHEARWALL SHEATHING Note: Standard Size; 4x8 (25460 SF)	796	EA							
387				(7/16") APA RATED PLYWOOD ROOF SHEATHING Note: Standard Size; 4x8 (15640 SF)	489	EA							
388				Plastic Laminate Plywood	105	SF							
				TYPE 04 GWB EXTERIOR WALL (2863LF)									
389	A2.1 to A7.3			(7/16") APA Rated Sheathing	24244	SF							
390				(5/8", 1Layer) Glass Mat Sheathing	27794	SF							
	A2.1 to A7.3			**EXTERIOR BULKHEAD FRAMING (104LF)**									
391				(7/16") APA Rated Sheathing	633	SF							
			062000	**FINISH CARPENTRY**									
	A2.1 to A7.3			(4'-0"L x 11"W) Wood Tread		EA							
				(4'-0"L x 7"W) Wood Riser		EA							
			064100	**ARCHITECTURAL WOOD CASEWORK**									
392				(12'L x 2'0"W x 2'10"H) Base Cabinets (1EA)	34	SF							
393				(17'4"L x 2'0"W x 2'10"H) Base Cabinets (1EA)	50	SF							
394				(2'0"L x 2'0"W x 2'10"H) Base Cabinets (4EA)	23	SF							
395				(2'3"L x 2'0"W x 2'10"H) Base Cabinets (2EA)	13	SF							
396				(23'0"L x 2'0"W x 2'10"H) Base Cabinets (1EA)	65	SF							
397				(3'9"L x 2'0"W x 2'10"H) Base Cabinets (1EA)	11	SF							
398				(4'8"L x 2'0"W x 2'10"H) Base Cabinets (1EA)	14	SF							
399				(5'0"L x 2'6"W x 7'0"H) Cabinet Unit (1EA)	35	SF							
400				(6'0"L x 2'0"W x 2'10"H) Plastic Laminate Base Cabinet (2EA)	34	SF							
401	A2.1 to A7.3			(6'10"L x 2'0"D x 2'6"H) Base Cabinets (1EA)	17	SF							
402				(6'2"L x 2'0"W x 2'10"H) Base Cabinets (1EA)	18	SF							
403				(7'0"L x 2'0"D x 2'10"H) Base Cabinets (1EA)	20	SF							
404				(8'0"L x 1'8"W x 3'3"H) Base Cabinets (1EA)	26	SF							
405				(9'3"L x 2'0"W x 2'10"H) Base Cabinets (1EA)	27	SF							
406				(7'0"L x 1'0"D x 2'6"H) Wall Cabinets (1EA)	18	SF							
407				Storage Shelves (2'D)	73	LF							
408				Closet Shelf (1'D)	247	LF							
409				Coat Closet Rod	295	LF							
410				(3'-2"W x 6'-0"H) Semi Recessed Display	1	EA							
411				(6'10"L x 2'0"D x 4'8"H) Shelving Unit	1	EA							
				Subtotal									
			070000	**DIVISION 07 - THERMAL AND MOISTURE PROTECTION**									
412				Vapor Barrier	9185	SF							
413				60-MIL Single Ply TPO Roof Membrane - White Color	10305	SF							
414				Grey 60-MIL Single Ply TPO Roof Membrane	2520	SF							
415				Roof Rigid Insulation	17830	SF							
416				Walkway Pad	650	SF							
417				TPO Roofing Membrane	260	SF							
418	A2.1 to A7.3			Aluminum Drip Edge Flashing	15	LF							
419				Metal Flashing	330	LF							
420				ICE and Water Shield (2'-6"W)	335	LF							
421				(8") Unfaced Glass Fiber Insulation	40620	SF							
422				(3/4") Gypcrete	40620	SF							
423				(1/4") Soundmat	8850	SF							
424				Aluminum Coping	420	LF							
425				Aluminum Drip Edge Flashing	30	LF							
	A2.1 to A7.3			**(1HR)TYPE 01 GWB INTERIOR WALL (4565LF)**									
426				R-21 Batt Insulation	45139	SF							
	A2.1 to A7.3			**(2HR)TYPE 02 GWB INTERIOR WALL (517LF)**									
427				R-21 Batt Insulation	5466	LF							
	A2.1 to A7.3			**TYPE 03A GWB INTERIOR WALL (189LF)**									
428				R-15 Batt Insulation	2018	SF							
	A2.1 to A7.3			**TYPE 04 GWB EXTERIOR WALL (2863LF)**									
429				R-21 Batt Insulation	27794	SF							
430				(1 1/2") Rigid Foam	16785	SF							
	A2.1 to			**STEEL BEAM FRAMING (30LF)**									

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
431	A7.3			Sound Attenuation Batts	344	SF							
	A2.1 to			**GWB CEILING SOFFIT FRAMING (172LF)**									
432	A7.3			Sound Batt Insulation	172	SF							
				Subtotal									
			080000	**DIVISION 08 - OPENING**									
433				(2'-0"W x 6'-0"H) Window (1" Insulated, Clear) (2EA)	24	SF							
434				(4'-6"W x 4'-4"H) Window (1" Insulated, Clear) (4EA)	78	SF							
435				(4'-6"W x 8'-3"H) Window (1" Insulated, Clear) (54EA)	2005	SF							
436				(5'-0"W x 8'-3"H) Window (1" Insulated, Clear) (18EA)	745	SF							
437				(5'-1"W x 7'-6"H) Window (Fire Resistance Rated Glazing) (6EA)	230	SF							
438				(7'-0"W x 6'-7"H) Window (1" Insulated, Clear) (8EA)	370	SF							
439				(7'-0"W x 8'-3"H) Window (1" Insulated, Clear) (2EA)	116	SF							
440				(1'-2"W x7'-2"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	9	SF							
441				(1'-4"W x7'-2"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	10	SF							
442				(10'-4"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (3EA)	310	SF							
443				(11'-3"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	113	SF							
444				(11'-8"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	117	SF							
445				(12'-0"W x2'-5"H) Storefront (1" Insulated, Clear) (1EA)	29	SF							
446				(12'-6"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	125	SF							
447				(3'-0"W x2'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (2EA)	12	SF							
448				(3'-0"W x8'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	24	SF							
449				(4'-2"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	42	SF							
450	A2.1 to			(5'-10"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	60	SF							
451	A7.3			(5'-11"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	60	SF							
452				(5'-6"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	55	SF							
453				(6'-8"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (2EA)	135	SF							
454				(7'-4"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (2EA)	150	SF							
455				(8'-9"W x10'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (1EA)	90	SF							
456				(9'-0"W x9'-0"H) Storefront (1" Insulated, Clear, Safety Glazing) (2EA)	165	SF							
457				(3'-6"W x7'-0"H) Alluminum/Glass Door and Frame (1EA)	25	SF							
458				(3'-0"W x8'-0"H) Alluminum/Glass Door and Frame (2EA)	48	SF							
459				(3' -0"W x7'-0"H) Alluminum/Glass Door and Frame (2EA)	42	SF							
460				(11'-11 1/2"W x7'-10"H) Alluminum/Glass Door and Frame (1" Insulated, Clear, Safety Glazing) (1EA)	95	SF							
461				(11'-11 1/2"W x7'-10"H) Alluminum/Glass Door and Frame (1/4" Monolithic Glazing, Clear) (1EA)	95	SF							
462				(1.5HR)(3'-6"W x7'-0"H) Steel Door and Frame (1EA)	25	SF							
463				(1.5HR.)(3'-0"W x 7'-0"H) Steel Door and Frame w/ Vision Panel (GL-3A) (8EA)	168	SF							
464				(20MIN)(3'-10"W x 7'-0"H) Steel Door and Frame (6EA)	167	SF							
465				(3'-0"W x 7'-0") Steel Door and Frame (1EA)	21	SF							
466				(3'-0"W x 7'-0"H) Steel Door and Frame (4EA)	84	SF							
467				(3'-0"W x 7'-0"H) Steel Door and Frame (1EA)	21	SF							
468				(24"x48") Exterior Water Proof Access Panel (2EA)	16	SF							
				WINDOW COVERINGS									
469				(2'-0"W x 6'-0"H) Window Covering (2EA)	24	SF							
470				(4'-6"W x 4'-4"H) Window Covering (4EA)	78	SF							
471	A2.1 to			(4'-6"W x 8'-3"H) Window Covering (54EA)	2005	SF							
472	A7.3			(5'-0"W x 8'-3"H) Window Covering (18EA)	745	SF							
473				(5'-1"W x 7'-6"H) Window Covering (6EA)	230	SF							
474				(7'-0"W x 6'-7"H) Window Covering (8EA)	370	SF							
475				(7'-0"W x 8'-3"H) Window Covering (2EA)	116	SF							
			082100	**WOOD DOORS**									
476				(20MIN.) (3'-0"W x 7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) w/ HM Frame (95EA)	1995	SF							
477				(3'-0"W x 7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) w/ HM Frame (95EA)	1995	SF							
478				(2'-0"W x 7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) w/ HM Frame (95EA)	1330	SF							
479				(1.5HR)(3'-0"W x 7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and HM Frame w/ Vision Panel (1EA)	21	SF							
480				(1.5HR)(3'-6"W x7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and HM Frame (1EA)	25	SF							
481				(2'-6"W X 7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and HM Frame (1EA)	18	SF							
482	A2.1 to			(20MIN.)(3'-0"W x7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and HM Frame (10EA)	210	SF							
483	A7.3			(3'-0"W x 8'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and Aluminum Frame (1EA)	25	SF							
484				(3'-0"W x7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and HM Frame (6EA)	126	SF							
485				(3'-0"W x7'-0"H) Solid Core Wood Door and HM Frame (High Pressure Laminate Finish) (1EA)	21	SF							
486				(3'-0"W x7'-0"H) Solid Core Wood Door and HM Frame (Paint Finish) (14EA)	294	SF							
487				(45MIN)(3'-0"W x 7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and HM Frame (3EA)	63	SF							
488				(45MIN.)(6'-0"W x7'-0"H) Solid Core Wood Door (High Pressure Laminate Finish) and HM Frame (1EA)	42	SF							
489				(6'-0"W x 8'-0"H) Pre-Finished Stain Grade Wood Door and HM Frame - MAUF: RAY DOOR MODEL: SPW2 225 (2EA)	96	SF							
			087100	**FINISH HARDWARE**									
490				Door Hardware (354EA)	1	LS							
				Subtotal									

ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
			090000	**DIVISION 09 - FINISHES**									
491				EIFS - SHERWIN WILLIAMS - MEGA GRIEGE: SW 7031 - EIFS (FINE SAND TEXTURED)	10560	SF							
492				EIFS - SHERWIN WILLIAMS - THUNDER GRAY: SW7645 - EIFS (COARSE SAND TEXTURED)	6225	SF							
493				Decorative Hard Surface Material Cladding	115	SF							
494				Large Format Sintered Tiles - NEOLITH OR EQUAL	11625	SF							
495				EIFS BAND (6") - SHERWIN WILLIAMS - WHITE DUCK: SW7010 - EIFS (FINE SAND TEXTURE)	726	LF							
496	A2.1 to A7.3			Aluminum Cap - PAC-CLAD - SILVER	328	LF							
497				Floor Mounted Bumper Rail	22	LF							
498				Room Divider Partition (10'H)	28	LF							
499				(1'-6" x 1'-0") Wall Art	95	EA							
500				(1'-6" x 2'-4") Wall Art	285	EA							
501				(2'-0" X 2'-6") Wall Art	78	EA							
502				(2'-3" X 3'-6") Wall Art	19	EA							
503				Extended Wall Mounted Bumper	5	EA							
504				Floor Mounted Door Stop	90	EA							
505				Wall Mounted Door Stop	95	EA							
			092600	**GYPSUM BOARD ASSEMBLIES**									
	A2.1 to A7.3			**(1HR)TYPE 01 GWB INTERIOR WALL (4565LF)**									
506				(5/8", 1Layer) Type "X" GWB, Both Sides	90278	SF							
	A2.1 to A7.3			**(2HR)TYPE 02 GWB INTERIOR WALL (517LF)**									
507				(1Layer) Mass Loaded Vinyl	513	SF							
508				(5/8", 2Layers) Type "X" GWB, Both Sides	10933	SF							
	A2.1 to A7.3			**TYPE 03A GWB INTERIOR WALL (189LF)**									
509				(5/8", 1Layer) Type "X" GWB, Both Sides	4036	SF							
	A2.1 to A7.3			**TYPE 04 GWB EXTERIOR WALL (2863LF)**									
510				(5/8", 1Layer) Type "X" GWB, One Side	27794	SF							
	A2.1 to A7.3			**TYPE 05A GWB INTERIOR WALL (22LF)**									
511				(5/8", 1Layer) Type "X" Both Sides	407	SF							
	A2.1 to A7.3			**TYPE 08 GWB INTERIOR WALL (109LF)**									
512				(5/8", 1Layer) GWB, One Side	1326	SF							
				GWB INTERIOR WALL (2280LF)									
513	A2.1 to A7.3			(5/8", 1Layer) GWB, Both Sides	20084	SF							
514				Moisture Resistant GWB	15238	SF							
515				Tile Backer Board	8189	SF							
	A2.1 to A7.3			**GWB INTERIOR FURRING WALL (577LF)**									
516				(5/8", 1Layer) GWB, One Side	5470	SF							
	A2.1 to A7.3			**STEEL BEAM FRAMING (30LF)**									
517				(5/8", 2Layers) Type "X" GWB, Both Sides	88	SF							
518				(5/8", 1Layer) Type "X" GWB, Both Sides	88	SF							
	A2.1 to A7.3			**STEEL BEAM FRAMING (407LF)**									
519				(5/8", 2Layers) Type "X" GWB, Both Sides	1083	SF							
	A2.1 to A7.3			**(1HR)STEEL COLUMN FIRE PROTECTION (90LF)**									
520				(1/2", 2Layers) Type "X" GWB	180	SF							
				GWB CEILING									
521	A2.1 to A7.3			(1HR)(5/8", 2Layers) Type "X" GWB Ceiling	46030	SF							
522				(5/8") GWB Ceiling	1190	SF							
523				(5/8") GWB Suspended Ceiling	13800	SF							
524				Exterior GWB Ceiling	1365	SF							
				(2HR) Ceiling C-2									
525	A2.1 to A7.3			(5/8", 3Layers) Type "X" GWB Ceiling	190	SF							
526				(5/8", 1Layer) Type "X" GWB Ceiling	190	SF							
			095100	**ACOUSTICAL CEILINGS**									
527				Suspended Accoustical Ceiling	3385	SF							
			096000	**FLOORING**									
528				Carpet w/ Padding Floor	20945	SF							
529				Ceramic Tile Floor	8850	SF							
530				Walkoff Mat	90	SF							
531				Pool Floor Tile	800	SF							
532				Pool Wall Tile	600	SF							
533				Carpet Floor (Assumed)	4450	SF							
534				Ceramic Tile Floor (Assumed)	325	SF							
535				Resilient Floor (Assumed)	640	SF							
536				Sealed Concrete Floor (Assumed)	395	SF							
537	A2.1 to A7.3			Luxury Vinyl Tile (Assumed)	7925	SF							
538				Ceramic Wall Tile	8770	SF							
539				Decorative Wall Tile	51	SF							
540				Carpet Base	5400	LF							
541				Tile Base	4420	LF							
542				Resilient Base (Assumed)	60	LF							
543				Vinyl Base (Assumed)	1230	LF							
544				Carpet Base (Assumed)	1345	LF							
545				Tile/Carpet Transition - Schluter-RENO U	610	LF							
546				Schluter Strip	20	LF							
			099100	**PAINTING**									
547				GWB Ceiling Paint	42840	SF							
548				Speciality Wall Finish	250	SF							
549				GWB Wall Paint Light Orange Peel Texture	84710	SF							
550				GWB Wall Paint	18206	SF							
551	A2.1 to A7.3			Doors Paint (35EA)	1550	SF							
552				Hollow Metal Frames Paint (347EA)	1875	SF							
553				Exposed Ducts Paint	200	SF							
554				(3'-6"H) HSS Guardrail Paint	165	LF							
555				(1-1/2") NOM. DIA Standard Weight Steel Pipe Handrail	326	LF							
556				(5'-3 7/8"H) Courtyard Fence Paint	167	LF							
	A2.1 to A7.3			**WALL COVERINGS**									
557				Vinyl Wall Covering	19630	SF							
				Subtotal									

9 ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
			100000	**DIVISION 10 - SPECIALTIES**									
558	A2.1 to A7.3			Shower Glass Wall	2625	SF							
559				Toilet Compartment Wall	190	SF							
			102813	**TOILET AND BATH ACCESSORIES**									
560	A2.1 to A7.3			Door Mounted Shower Door Roller	45	EA							
561				Grab Bar (18")	96	EA							
562				Grab Bar (24")	18	EA							
563				Grab Bar (36")	98	EA							
564				Grab Bar (42")	98	EA							
565				Grab Bar (48")	2	EA							
566				Sanitary Wipe Dispenser	1	EA							
567				Soap Dispenser by Laundry Supplier	1	EA							
568				Robe Hook	95	EA							
569				Robe Hook Door	98	EA							
570				Robe Hook Wall	95	EA							
571				Toilet Paper Holder	95	EA							
572				Towel Bar	95	EA							
573				Toilet Paper Holder	3	EA							
574				Eye Wash	1	EA							
575				Diaper Changing Station	2	EA							
576				Diaper Changing Station	1	EA							
577				Dirty Towel Bin	1	EA							
578				(4'-6"W x 3'-0"H) Vanity Mirror w/ Backlighting	95	EA							
579				(2'-0" x 5'-0") Mirror	95	EA							
580				(3' x 3') Mirror	2	EA							
581				(2' x 3') Mirror	1	EA							
582				Shower Curtain and Rod	245	LF							
				Subtotal									
			110000	**DIVISION 11 - EQUIPMENT**									
583	A2.1 to A7.3			Elevator (4 Stops, 49'8"H)	1	EA							
584				Dresser w/ Microwave and Refrigirator	61	EA							
585				Dresser without Microwave and Refrigirator	21	EA							
586				Dry Bar - Coffee Maker, Microwave and Refrigirator	90	EA							
587				Flat Screen TV W/ Mounts	114	EA							
588				Floor Lamp	76	EA							
589				Hair Dryer	90	EA							
590				Iron	95	EA							
591				Clock Radio	67	EA							
592				Desk Lamp	95	EA							
593				Dresser Lamp	143	EA							
594				Bedside Telephone	95	EA							
595				PTAC & Deflector	95	EA							
596				Coin Operated Washer Machine - WHIRLPOOL	2	EA							
597				Commercial Grade Freezer - Owner Supplied	1	EA							
598				Commercial Grade Refrigerator - Owner Supplied	1	EA							
599				Dryer	2	EA							
600				Electric Fire Place	1	EA							
601				Electric Water Cooler	1	EA							
602				Ellipticals	2	EA							
603				Excercise Treadmills	2	EA							
604				Hand Dryer	3	EA							
605				Pool Equipment	1	EA							
606				Refrigirator	1	EA							
607				TACC-II UNIT - OWNER FURNISHED	2	EA							
608				Top Load Washer	1	EA							
609				Washer	2	EA							
610				Water Fountain	1	EA							
611				Weight Machine	1	EA							
612				Ice Machine	1	EA							
613				Microwave	1	EA							
				Subtotal									
			120000	**DIVISION 12 - FURNISHING**									
614	A2.1 to A7.3			(5'-0"L x 1'-10"W) Desk	95	EA							
615				King Bed	138	EA							
616				Queen Bed	4	EA							
617				TV Table	19	EA							
618				Coffee Table	19	EA							
619				(5'-0" x 1'-6") Table	1	EA							
620				(5'-0" x 2'-6") Table	1	EA							
621				Lounge Chair	93	EA							
622				Luggage Rack	95	EA							
623				Ergonomic Chair	95	EA							
624				Ironing Board and Hook	95	EA							
625				Night Stand	115	EA							
626				Skirt Hanger Mini Hook	95	EA							
627				Suit Hanger Mini Hook	95	EA							
628				Weight Bench	1	EA							
629				Yoga Matts	2	EA							
630				Work Room Chairs	3	EA							
631				Chair	3	EA							
632				Cash Drawer - Owner Furnished	2	EA							
633				Bar Stool	8	EA							
634				Employee Locker	8	EA							
635				Free Weights	1	EA							
636				Towel Shelf Unit	1	EA							
637				Trash Can	2	EA							
638				Sectional Sofa	19	EA							
				POOL									
639				Shade Sail (w/ 4 Poles)	175	SF							
640				ADA Pool Chair Lift	2	EA							
641				(1'-6" x 1'-6") Side Table	11	EA							
642				(3'-6"DIA.) Round Table	4	EA							
643				Chairs	16	EA							
644				Chaise Lounge	7	EA							
645				Lounge Chairs	10	EA							

99 ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
646				Panic Release Bar	2	EA							
647				Lock Box for Fire Department Card Key	1	EA							
			123661	**SOLID SURFACING COUNTERTOPS**									
648				Quartz Countertop (2CM)	15	SF							
649	A2.1 to A7.3			Solid Surface Countertop	380	SF							
650				Worksurface countertop.	15	SF							
651				Vanity Countertop	30	SF							
652				Vanity Backsplash	15	LF							
				Subtotal									
			150000	**DIVISION 15 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)**									
653				MS-4 & MSC-4 - MINI SPLIT HEAT PUMP - 1 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB12B-3 & 38MAQB12R-3	1	EA							
654				MS-2 & MSC-2 - MINI SPLIT HEAT PUMP - 3/4 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB09B-3 & 38MAQB09R-3	1	EA							
655				MS-3 & MSC-3 - MINI SPLIT HEAT PUMP - 1 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB12B-3 & 38MAQB12R-3	1	EA							
656				MS-1 & MSC-1 - MINI SPLIT HEAT PUMP - 3/4 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB09B-3 & 38MAQB09R-3	1	EA							
657				FAU-11 & CU-11 - CARRIER - MODEL: 24ABB560A050, COOLING COIL: CARRIER, MANUF: CNPVP6024ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A120S24-20 (5 TON SPLIT)	1	EA							
658				FAU-6 & CU-6 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
659				FAU-5 & CU-5 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
660				FAU-4 & CU-4 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
661				FAU-3 & CU-3 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
662				FAU-12 & CU-12 - CARRIER - MODEL: 24ABB560A050, COOLING COIL: CARRIER, MANUF: CNPVP6024ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A120S24-20 (5 TON SPLIT)	1	EA							
663				FAU-2 & CU-2 - CARRIER - MODEL: 24ABB318A030, COOLING COIL: CARRIER, MANUF: CNPVP1814ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S14-10 (1.5 TON SPLIT)	1	EA							
664				FAU-10 & CU-10 - CARRIER - MODEL: 24ABB548A050, COOLING COIL: CARRIER, MANUF: CNPVP4821ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A080S21-20 (4 TON SPLIT)	1	EA							
665				MS-5 & MSC-5 - MINI SPLIT HEAT PUMP - 1-1/2 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB18B-3 & 38MAQB18R-3	1	EA							
666				PTAC-1 - PACKAGED TERMINAL AIR CONDITIONER - AMANA: PTH073G25ERXX W/ SUB BASE KIT: PTSB320E, DRAIN KIT: DK900D, OCCUPPANCY SENSOR: DD01E, THERMOSTAT: DS01E, WALL SLEEVE: WS900GS	76	EA							
667				PTAC-2 - PACKAGED TERMINAL AIR CONDITIONER - AMANA: PTH093G25ERXX W/ SUB BASE KIT: PTSB320E, DRAIN KIT: DK900D, OCCUPPANCY SENSOR: DD01E, THERMOSTAT: DS01E, WALL SLEEVE: WS900GS	19	EA							
668				FAU-1 & CU-1 - CARRIER - MODEL: 24ABB318A030, COOLING COIL: CARRIER, MANUF: CNPVP1814ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S14-10 (1.5 TON SPLIT)	1	EA							
669				FIRE & SMOKE DAMPER	20	EA							
670				LINT LASSO LLA-10	2	EA							
671				EF-1 - EXHAUST FAN - PANASONIC: FV-05VQ5 (50 CFM)	102	EA							
672				EF-2 - EXHAUST FAN - PANASONIC: FV-11VQ5 (110 CFM)	3	EA							
673				EF-3 - EXHAUST FAN - PANASONIC: FV-15VQ5 (150 CFM)	1	EA							
674				EF-4 - EXHAUST FAN - PANASONIC: FV-30VQ3 (290 CFM)	2	EA							
675				(4"Dia) EXHAUST DUCT CAP	13	EA							
676				(2'X2') AIR DIFFUSER (75 CFM)	1	EA							
677				(2'X2') AIR INTAKE DEVISE (75 CFM)	1	EA							
678				(2'X2') AIR INTAKE DEVISE (375 CFM)	1	EA							
679				(2'X2') AIR INTAKE DEVISE (265 CFM)	3	EA							
680				(2'X2') AIR DIFFUSER (125 CFM)	8	EA							
681				(2'X2') AIR INTAKE DEVISE (400 CFM)	2	EA							
682				(1'X1') AIR DIFFUSER (50 CFM)	8	EA							
683				(2'X2') AIR INTAKE DEVISE (530 CFM)	3	EA							
684				(2'X2') AIR INTAKE DEVISE (420CFM)	1	EA							
685				(2'X2') AIR INTAKE DEVISE (535 CFM)	3	EA							
686				(2'X2') AIR INTAKE DEVISE (600 CFM)	1	EA							
687				(2'X2') AIR INTAKE DEVISE (500 CFM)	3	EA							
688				(1'X1') AIR DIFFUSER (75 CFM)	2	EA							
689				(2'X2') AIR INTAKE DEVISE	4	EA							
690				(2'X2') AIR INTAKE DEVISE (250 CFM)	10	EA							
691				(2'X2') AIR INTAKE DEVISE (125 CFM)	2	EA							
692				(2'X2') AIR DIFFUSER (130 CFM)	15	EA							
693				(2'X2') AIR DIFFUSER (150 CFM)	2	EA							
694				(1'x1') CEILING GRILLE	1	EA							
695				LINEAR SUPPLY DIFFUSER (140 CFM)	12	EA							
696				LINEAR SUPPLY DIFFUSER (160 CFM)	13	EA							
697				LINEAR SUPPLY DIFFUSER (135 CFM)	2	EA							
698				LINEAR SUPPLY DIFFUSER (125 CFM)	7	EA							
699				LINEAR SUPPLY DIFFUSER (75 CFM)	1	EA							
700				LINEAR SUPPLY DIFFUSER (100 CFM)	1	EA							
701				LINEAR SUPPLY DIFFUSER (110 CFM)	1	EA							

ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
702				LINEAR SUPPLY DIFFUSER (115 CFM)	7	EA							
703				LINEAR SUPPLY DIFFUSER (130 CFM)	5	EA							
704				LINEAR SUPPLY DIFFUSER (200 CFM)	3	EA							
705				SUPPLY GRILLE (200 CFM)	1	EA							
706				SUPPLY GRILLE (800 CFM)	1	EA							
707				SUPPLY GRILLE (155 CFM)	4	EA							
708				SUPPLY GRILLE (50 CFM)	1	EA							
709				VOLUME DAMPER	95	EA							
710				POWDER COATED LOUVER W/ BUG SCREEN	5	EA							
711				(6"Dia) EXHAUST DUCT CAP	2	EA							
712				(8"Dia) EXHAUST DUCT CAP	1	EA							
713				(4"Dia) ROUND DUCT (40'H)	1	EA							
714				(4"Dia) ROUND SUPPLY GRILLE (50 CFM)	8	EA							
715				FAU-7 & CU-7 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
716				FAU-8 & CU-8 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
717				FAU-9 & CU-9 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
718				LOCKABLE CABINET FOR FAN SOLID STATE SPEED CONTROLS	1	EA							
719				EF-5 - EXHAUST FAN - FANTECH: FR 125 (170 CFM)	9	EA							
720				EF-6 - EXHAUST FAN - FANTECH: FR 140 (225 CFM)	4	EA							
721				EV-1 - EXHAUST VENTILATOR - SOLER&PALAU: RCX11-06 W/ BACKDRAFT DAMPER	2	EA							
722				THERMOSTAT	97	EA							
723				ROUND DUCT TO RECTANGULAR TRANSITION	52	EA							
724				METAL DUCT TRANSITION	35	EA							
725				90 Deg ELBOW W/ TURNING VANES	19	EA							
726				TRAPEZE HANGER	124	EA							
727				(3") CLEAVIS HANGER	187	EA							
728				(3/4") THREADED ROD	622	EA							
729				FIG.165H-HEX NUTS	1244	EA							
730				FIG.103-WASHER--FLAT--ROUND	1244	EA							
				Galvanized sheet metal duct w/ Wrap equal to ownes corning fiberglass w/ FRK vapor barrier. Insulation shall be R-6 ecept on roof shall be R-8.									
731				(10"x10") METAL DUCT	352	SF							
732				(10"x8") METAL DUCT	675	SF							
733				(12"x10") METAL DUCT	20	SF							
734				(12"x12") METAL DUCT	35	SF							
735				(14"x10") METAL DUCT	865	SF							
736				(14"x12") METAL DUCT	25	SF							
737				(14"x14") METAL DUCT	96	SF							
738				(14"x8") METAL DUCT	15	SF							
739				(15"x10") METAL DUCT	30	SF							
740				(16"x10") METAL DUCT	65	SF							
741				(16"x12") METAL DUCT	495	SF							
742				(18"x10") METAL DUCT	325	SF							
743				(18"x16") METAL DUCT	55	SF							
744				(18"x18") METAL DUCT	30	SF							
745				(20"x12") METAL DUCT	185	SF							
746				(22"x16") METAL DUCT	35	SF							
747				(24"x10") METAL DUCT	315	SF							
748				(24"x12") METAL DUCT	95	SF							
749				(4"x10") METAL DUCT	25	SF							
750				(4"x8") METAL DUCT	45	SF							
751				(6"x10") METAL DUCT	275	SF							
752				(6"x12") METAL DUCT	25	SF							
753				(6"x8") METAL DUCT	695	SF							
754				(8"x12") METAL DUCT	310	SF							
755				(8"x8") METAL DUCT	365	SF							
				ROUND DUCT									
756				(8"Dia) ROUND DUCT	460	SF							
757				(4"Dia) ROUND DUCT	735	SF							
758				(6"Dia) ROUND DUCT	235	SF							
				FLEXIBLE ROUND DUCT									
759				(4"Dia) FLEXIBLE ROUND DUCT	35	LF							
760				(6"Dia) FLEXIBLE ROUND DUCT	170	LF							
761				(8"Dia) FLEXIBLE ROUND DUCT	340	LF							
762				(10"Dia) FLEXIBLE ROUND DUCT	50	LF							
763				(12"Dia) FLEXIBLE ROUND DUCT	20	LF							
764				(14"Dia) FLEXIBLE ROUND DUCT	70	LF							
				Subtotal									
			150000	**DIVISION 15 - PLUMBING**									
765				BT-1 - BRASS TONGUE DOWNSPOUT - ZURN: ZARB-Z199-3IP-PVC	19	EA							
766				DD-1 - DIRECT DRAW, SELF CONTAINED BAP (PERLICK: DDS60	1	EA							
767				FD-1 - FLOOR DRAIN - J.R SMITH 2005-A	10	EA							
768				FS-1 - SLOOR SINK - PROFLO PF906M	9	EA							
769				S-7 - 3-COMPARTMENT SINK - PERLICK: TS12BLW	1	EA							
770				S-6 - UNDERBAR SINK W/ 12" BENDER STATION (BAR) - PERLICK: TS12BLW	1	EA							
771				IC-1 - ICE CHEST (BAR) - PERLICK: TSD24IC	1	EA							
772				SG-1 - SODA GUN, POST MIX (BAR) - WUNDER-BAR: 12 BUTTON	1	EA							
773				BFR-1 - BIB FLAT RACK (BAR) - TAPRITE: 2-BFFJ (STACKED)	1	EA							
774				CO2-1 - 50LB CO2 TANK (BAR)	1	EA							
775				(6") CO - CLEANOUT	4	EA							
776				HB-1 - WALL HYDRANT - ZURN 1350-EZ	2	EA							
777				PRV - BACKFLOW PREVENTER	1	EA							
778				L-1 - LAVATORY - AMERICAN STANDARD 0614.000	98	EA							

ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
779				WC-2 - WATER CLOSET - TOTO CT708E	4	EA							
780				S-8 - BREAKDOWN SINK	1	EA							
781				DT-1 - DRAIN THROUGH - H-M COMPANY	1	EA							
782				ES-1 - EQUIPMENT STUB	3	EA							
783				EW-1 - EYE WASH STATION	1	EA							
784				S-1 - HAND SINK - ADVANCE/TABCO: 7-PS-80	1	EA							
785				S-2 - 3-COMP SINK - JUST MANUFACTURING: T-ADA-1949-A-GR	1	EA							
786				S-3 - MOP SINK - STERN-WILLIAMS: SB-902 & T-35 - W/ CHICAGO FAUCET: 897-CP	1	EA							
787				DF-1 - DRINKING FOUNTAIN - HAWS 1119.14	1	EA							
788				TS-1 - TUB/SHOWER COMBINATION - AMERICAN STANDARD 2391.202/TC & 2090.202/TC	45	EA							
789				WC-1 - WATER CLOSET - TOTO CST744SL#01-DRAKE TOILET	95	EA							
790				SH-1 - SHOWER PAN W/ HEAD	45	EA							
791				SH-2 - ROLL-IN SHOWER PAN W/ HEAD(ACCESS)	1	EA							
792				IM-2 - ICEMAKER (BAR)- ICE-O-MATIC: 1CEU150A	1	EA							
793				IM-1 - ICEMAKE - MANITOWOC: 0450 OR 0600 W/ QPA-310	4	EA							
794				U-1 - URINAL - TOTO UT104E	1	EA							
795				S-4 - LAUNDRY SINK - GRAINGER #5NFL8	1	EA							
796				S-5 - UTILITY SINK - GRIFFIN SERIES	1	EA							
797				WH-1 - WATER HEATER - AO SMITH: BTH-199 MXI, CYCLONE MXI MODULATING (100 GAL)	4	EA							
798				WS-1 - WATER SOFTNER - RHEEM	1	EA							
799				WF-1 - WATER FILTER - HOSHIZAKI AMERICA 9320-21 H	1	EA							
800				FS-2 - FLOOR SINK - JOSAM 49502	6	EA							
801				RD-1 -ROOF DRAIN -	22	EA							
802				TS-2 - TUB/SHOWER COMBINATION (ACCESSIBLE) - AMERICAN STANDARD 2391.202/TC & 2090.202/TC	4	EA							
803				2PSIG GAS METER	1	EA							
804				(2-1/2") CIRCULATOR PUMP	1	EA							
805				(1-1/4") BACKFLOW PREVENTER	1	EA							
806				(4") PRV VALVE	1	EA							
807				(4") MAIN SHUTT OFF VALVE	1	EA							
808				(1-1/2") SHUTT OFF VALVE	1	EA							
809				(3") SHUTT OFF VALVE	2	EA							
810				(24"x24"x36") SUMP BOX	1	EA							
811				(2") BACKWASH DRAIN W/ PEA TRAP	2	EA							
812				(4") COLD WATER MAIN SHUTOFF VALVE	1	EA							
813				(3") SHUTOFF VALVE	2	EA							
814				(3/4") HOSE BIBB	2	EA							
815				SIAMESE FIRE DEP CONNECTTION	1	EA							
816				FIRE RISER	1	EA							
817				WCO - WALL CLEANOUT - MANUF: ZURN, MODEL: 1443	21	EA							
818				BALL VALVE	20	EA							
819				GATE VALVE	12	EA							
820				SHUTT OFF VALVE	319	EA							
				DOMESTIC WATER PIPING COPPER TYPE "L"									
821				(1") COLD WATER PIPE	310	LF							
822				(1") HOT WATER PIPE	155	LF							
823				(1/2") COLD WATER PIPE	3310	LF							
824				(1/2") HOT WATER PIPE	2200	LF							
825				(1-1/2") COLD WATER PIPE	125	LF							
826				(1-1/2") HOT WATER PPE	75	LF							
827				(1-1/4") COLD WATER PIPE	165	LF							
828				(1-1/4") HOT WATER PIPE	110	LF							
829				(2") COLD WATER PPE	55	LF							
830				(2") HOT WATER PPE	85	LF							
831				(2-1/2") COLD WATER PIPE	115	LF							
832				(2-1/2") HOT WATER PIPE	225	LF							
833				(3") COLD WATER PIPE	145	LF							
834				(3/4") COLD WATER PIPE	1910	LF							
835				(3/4") HOT WATER PIPE	1650	LF							
836				(4") COLD WATER PIPE	25	LF							
837				(8") FIRE WATER LINE	25	LF							
				FITTINGS									
838				3/4" 45 ELBOW CxC	19	EA							
839				1" 45 ELBOW CxC	4	EA							
840				1/2" 90 ELBOW CxC	110	EA							
841				3/4" 90 ELBOW CxC	72	EA							
842				1" 90 ELBOW CxC	10	EA							
843				1-1/4" 90 ELBOW CxC	5	EA							
844				1-1/2" 90 ELBOW CxC	6	EA							
845				2" 90 ELBOW CxC	12	EA							
846				2-1/2" 90 ELBOW CxC	7	EA							
847				3" 90 ELBOW CxC	2	EA							
848				3/4" UNION CxC	16	EA							
849				1-1/2" UNION CxC	8	EA							
850				1-1/2" x3/4" x1-1/2" REDUCED TEE - 3X	9	EA							
851				2-1/2" x2" x3/4" REDUCED TEE - 3X	2	EA							
852				2-1/2" x2" x1-1/2" REDUCED TEE - 3X	3	EA							
853				1/2" TEE	165	EA							
854				3/4" TEE	106	EA							
855				1" TEE	45	EA							
856				1-1/4" TEE	15	EA							
857				1-1/2" TEE	27	EA							
858				2" TEE	19	EA							
859				2-1/2" TEE	2	EA							
860				3/4" x1/2" CONCENTRIC REDUCER--CxC	320	EA							
861				1" x3/4" CONCENTRIC REDUCER--CxC	127	EA							
862				1-1/4" x3/4" CONCENTRIC REDUCER--CxC	5	EA							
863				1-1/4" x1" CONCENTRIC REDUCER--CxC	2	EA							
864				1-1/2" x1" CONCENTRIC REDUCER--CxC	8	EA							
865				1-1/2" x1-1/4" CONCENTRIC REDUCER--CxC	1	EA							
866				2" x3/4" CONCENTRIC REDUCER--CxC	16	EA							
867				2" x1-1/2" CONCENTRIC REDUCER--CxC	5	EA							
868				1/2" CAPS	147	EA							
869				3/4" CAPS	35	EA							
870				1" CAPS	5	EA							
871				1-1/2" P-TRAP-SUC.LINE	204	EA							
872				1/2" COUPLING	406	EA							
873				3/4" COUPLING	194	EA							
874				1" COUPLING	46	EA							

ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
875				1-1/4" COUPLING	28	EA							
876				1-1/2" COUPLING	21	EA							
877				2" COUPLING	15	EA							
878				2-1/2" COUPLING	34	EA							
879				3" COUPLING	12	EA							
880				SOLDER LBS-LEAD FREE	85	LBS							
881				PRESTOLITE B tank (avg.40 cu.ft.)	50	CU.FT							
882				(3") CLEAVIS HANGER	1172	EA							
883				(3/4") THREADED ROD	2345	EA							
884				FIG.165H-HEX NUTS	4690	EA							
885				FIG.103-WASHER--FLAT--ROUND	4690	EA							
				SANITARY PIPE **SCH 40 PVC**									
886				(1-1/2") VENT PIPE	2785	LF							
887				(2") VENT PIPE	1960	LF							
888				(2") WASTE PIPE	841.3	LF							
889				(3") WASTE PIPE	2160	LF							
890				(4") WASTE PIPE	85	LF							
891				(3/4") DRAIN PIPE	65	LF							
892				(3") RD & OFD PIPE	2075	LF							
				SANITARY PIPE **CI PIPE**									
893				(6") WASTE PIPE	250	LF							
				FITTINGS									
894				1-1/2" 45 ELBOW	27	EA							
895				2" 45 ELBOW	35	EA							
896				3" 45 ELBOW	53	EA							
897				1-1/2" 90 ELBOW	54	EA							
898				2" 90 ELBOW	70	EA							
899				3" 90 ELBOW	86	EA							
900				4" 90 ELBOW	16	EA							
901				1-1/2" WYE	13	EA							
902				2" WYE	17	EA							
903				3" WYE	25	EA							
904				4" WYE	19	EA							
905				1-1/2" COUPLING	197	EA							
906				2" COUPLING	170	EA							
907				3" COUPLING	365	EA							
908				1-1/2" TEE	61	EA							
909				2" TEE	50	EA							
910				3" TEE	75	EA							
911				4" TEE	15	EA							
912				2" x1-1/2" REDUCER	66	EA							
913				3" x4" REDUCER	36	EA							
914				2" x3" REDUCER	29	EA							
915				(3") CLEAVIS HANGER	971	EA							
916				(3/4") THREADED ROD	1942	EA							
917				FIG.165H-HEX NUTS	3884	EA							
918				FIG.103-WASHER--FLAT--ROUND	3884	EA							
				GAS PIPE **BLACK STEEL**									
919				(1/2") GAS PIPE	365	LF							
920				(3/4") GAS PIPE	210	LF							
921				(1") GAS PIPE	25	LF							
				Subtotal									
			160000	**DIVISION 16 - ELECTRICAL**									
				LIGHT FIXTURES									
922				DIRECTIONAL FLOOD, PIPE TENON MOUNTED IN CONC. LITHONIA: ASF M MDF TB AFTS ASF FV DNATXD LPI	8	EA							
923				TWO FACE DIRECTIONAL FLOOD, PIPE TENON MOUNTED IN CONC. LITHONIA: ASF M MDF TB AFTS ASF FV DNATXD LPI	1	EA							
924				ATM MOUNT POLE LIGHT, LED, LITHONIA: KADM R TB SCWA SP DNATXD LPID	8	EA							
925				IN GROUND FLAG POLE LIGHT - HYDRELL: PDX SS LED WHTK MVOLT MFL FLCASS LPI	3	EA							
926				BOLLARD LIGHT - FORMS + SURFACES: LBKNI-CF	6	EA							
927				PATIO/POOL PEDESTRAIN LIGHT - FORMS + SURFACES: LPKNI-HID	2	EA							
928				L-6 - SURFACE MOUNTED 1'X4' ACRYLIC LENS WRAPAROUND - LITHONIA: VW 2 32 MVOLT GEB101S	18	EA							
929				L-1 - RECESSED 6" DOWNLIGHT - LITHONIA, REAL6C D6AZ ESL 1500L 35K, 95SC 120	232	EA							
930				BB - WALL MOUNTED 2 LAMP EMERGENCY LIGHT - LITHONIA: EU2 LED M12	3	EA							
931				AA - INTEGRATED LIGHTED EXIT SIGN W/ BATTERY BACKUP & EMERGENCY LIGHTING (90Min)	14	EA							
932				L-24 - WALL MOUNTED EXTERIOR SCONCE - PROGRESS LIGHTING: P5675-82	7	EA							
933				L-9 - WALL MOUNTED 2 LAMP EMERGENCY LIGHT - LITHONIA: EU2 LED M12	34	EA							
934				D-3 - PENDANT LIGHT - BAR PENDANT	4	EA							
935				D-5 - PENDANT LIGHT (LARGE) KITCHEN	3	EA							
936				D-1 - PENDANT LIGHT (SMALL) RECEPTION PENDANT	4	EA							
937				L-2 - RECESSED 6" LED WALL WASH - DMF LIGHTING: DLE16/DME8835 QC / EL60WW	3	EA							
938				D-4 - PENDANT LIGHT (MEDIUM) GREAT ROOM PENDANT	2	EA							
939				D-8 - PENDANT (LARGE) COMMUNITY TABLE	1	EA							
940				D-2 - PENDANT LIGHT SMALL BREKAFAST PENDANT	9	EA							
941				L-4 - RECESSED 2X4 LAY-IN TROFFER, LED, LENSED - LITHONIA: 2SP8 G 4 32 A12 MVOLT 1/4 GEB101S LP835	14	EA							
942				L-5 - SURFACE MOUNTED 4' SINGLE LIGHT - LITHONIA: ZL132 MV	36	EA							
943				L-7 - RECESSED 2'X2' ACRYLIC LENS WRAP AROUND - LITHONIA: 2SPB G 2 U316 A12 MVOLT GEB 10IS LP835	4	EA							
944				D-7 - WALL MOUNTED SCONCE W/ LED BULB CORRIDOR SCONCE	48	EA							
945				CC - CEILING MOUNT EXIT SIGN, FACES & DIRECTIONAL ARROWS	4	EA							
946				L-27 - WALL MOUNTED (1)-100W ELEVATOR PIT LIGHT - W/ WIRE GUARD	2	EA							
947				L8 - PUBLIC RR FIXTURE	2	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR Manhour / Unit	LABOR $/HOUR	LABOR COST	MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
948				D-6 - PENDANT LIGHT (LARGE) CONFERENCE	6	EA							
949				L-25 - RECESSED EXTERIOR FIXTURE - GOTHAM: EVO 27/29 BAR WD 120	10	EA							
950				L-3 - RECESSED 6" LED WALL WASH - DMF LIGHTING:DLE16/ DME8835 QC / EL60WW	19	EA							
951				(4") DOWNLIGHT	38	EA							
952				RECESSED 6" LED WALL WASH - DMF LIGHTING: DLE16/DME8835 QC / EL60WW	211	EA							
953				L-10 - LINEAR COVE LIGHT FIXTURE, LED	384	LF							
				RECEPTACLES & SWITCHES									
954				DUPLEX RECEPTACLE	903	EA							
955				FLOOR DUPLEX RECEPTACLE	18	EA							
956				GFI DUPLEX RECEPTACLE	215	EA							
957				GFI DUPLEX RECEPTACLE WEATHERPROOF	38	EA							
958				GFI QUAD RECEPTACLE	1	EA							
959				JUNCTION BOX	143	EA							
960				QUAD FLOOR RECEPTACLE	8	EA							
961				QUAD RECEPTACLE	6	EA							
962				SPECIAL PURPOSE RECEPTACLE	97	EA							
963				TELE/DATA FLOOR RECEPTACLE	18	EA							
964				TELE/DATA OUTLET	103	EA							
965				TELEPHONE OUTLET	101	EA							
966				TV OUTLET	126	EA							
967				208V RECEPTACLE FOR PTAC	97	EA							
968				DATA DUPLEX HOUISING	119	EA							
969				DUPLEX RECEPTACLE W/ USB	286	EA							
				DISCONNECT SWITCH									
970				DISCONNECT SWITCH	18	EA							
				LIGHTING CONTROLS									
971				TOGGLE MOTOR STARTER SWITCH W/ OVERLOAD PROTECTION	25	EA							
972				GG - OCCUPANCY SENSOR	23	EA							
973				SINGLE POLE SWITTCH	100	EA							
974				MOTOR RATED SWITCH	97	EA							
975				SINGLE POLE SWITCH W/ OCCUPANCT SENSOR	56	EA							
976				THREE POLE SWITCH W/ OCCUPANCT SEBSOR	185	EA							
				LOW VOLTAGE & OTHER ELECTRICAL DEVICES									
977				EVCS - ELECTRIC DUAL VEHICALE CHARGING STATION	4	EA							
978				EV PANEL	1	EA							
979				TESA CARD READER	2	EA							
980				CARD READER	4	EA							
981				HOUSE PHONE PANEL OUTLET	5	EA							
982				DOOR RELEASE	2	EA							
983				INTERCOM	1	EA							
984				WIFI POINT	16	EA							
985				COM. & TV EQUIPED BOARDS (2)-8'HX4'WX3/4"PLYWOOD W/ #6 GRND	3	EA							
986				HH - SPEAKER SYSTEM	20	EA							
987				WIRELESS ACCESS POINT	1	EA							
988				CCTV CAMERA	27	EA							
				FIRE ALARM									
989				MINI HORN W/ STROBE, COMBINATION AUDIO & VISUAL ALARM	26	EA							
990				SMOKE DETECTOR	4	EA							
991				CARBONMONOXIDE DETECTOR	2	EA							
992				SMOKE DETECTOR/STROBE & FIRE SPRINKLER	194	EA							
				GEARS									
993				ELECTRICAL PANEL, 225A, 3PH, 4W, 120/208	8	EA							
994				ELECTRICAL PANEL, 400A, 3PH, 4W, 120/208	5	EA							
995				ELECTRICAL PANEL, 100A, 3PH, 4W, 120/208	8	EA							
996				ELECTRICAL PANEL, 200A, 3PH, 4W, 120/208	1	EA							
997				MAIN DISTRIBUTION PANEL	1	EA							
998				LOAD CENTER, 125A	95	EA							
999				ELECTRICAL POLE 3P, 20A	95	EA							
1000				ELECTRICAL POLE 2P, 20A	104	EA							
1001				ELECTRICAL POLE 1P, 20A	198	EA							
1002				ELECTRICAL POLE 2P, 30A	4	EA							
1003				ELECTRICAL POLE 3P, 15A	4	EA							
1004				ELECTRICAL POLE 2P, 15A	6	EA							
1005				ELECTRICAL POLE 2P, 40A	8	EA							
1006				ELECTRICAL POLE 1P, 15A	9	EA							
1007				ELECTRICAL POLE 1P, 20A	2	EA							
1008				ELECTRICAL POLE 3P, 25A	8	EA							
1009				ELECTRICAL POLE 3P, 30A	4	EA							
				OTHERS									
1010				GROUNDING	1	LS							
1011				CAT 5E	1	LS							
1012				WIRING & CONDUIT	1	LS							
				Subtotal									
			270000	**COMMUNICATIONS**									
1013	A2.8			PROVIDE WIFI IN POOL AREA	1	LS							
1014				CABLE TV	245	LF							
1015	C2.2			CABLE TV SERVICE	1	EA							
1016				TELEPHONE SERVICE CONNECTION	1	EA							
1017				TELE/DATA CONDUIT	250	LF							
				Subtotal									
			310000	**DIVISION 31 - EARTHWORK**									
				TOPSOIL:									
1018				6" TOPSOIL STRIPPING	1813	CY							
1019				6" TOPSOIL RE-SPREADING	460	CY							
1020	C2.3			EXPORT SURPLUS TOPSOIL	1353	CY							
				GRADING:									
1021				CUT	471	CY							
1022				FILL	6579	CY							
1023				IMPORT FILL MATERIAL	6108	CY							
				Subtotal									
			320000	**DIVISION 32 - EXTERIOR IMPROVEMENT**									
	C2.1			**ASPHALT PAVEMENT PARKING**									
1024				2½" ASPHALT CONCRETE	15490	SF							
1025				6" TYPE II ROADBASE	15490	SF							
	C2.1			**ASPHALT PAVEMENT DRIVEWAY**									

ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
1026				3" ASPHALT CONCRETE	28730	SF							
1027				8" TYPE II ROADBASE	28730	SF							
	C2.1	2/C8.2		**RETAINING WALL @ RETENTION BASIN WITH 6'H CMU WALL (185 LF)**									
1028				EXCAVATION	1110	CF							
1029				BACKFILLING	432	CF							
1030				3'X1' WALL FOOTER CONCRETE	555	CF							
1031				STEEL REBAR #4@16" O.C & 4-#4 CONT.	680	LB							
1032				8"THICK, 4'-6"H CONCRETE RETAINING WALL	833	SF							
1033				STEEL REBAR #5@16" VERT & #4@12" O.C HOR	2764	LB							
1034				8X8X16 CMU BLOCK WALL 6'H (1249 EA)	1110	SF							
1035				STEEL REBAR #5@32" O.C VERT, 2-#4@48" O.C	811	LB							
	C2.1	2/C8.2		**RETAINING WALL @ RETENTION BASIN WITH8'H CMU WALL (63 LF)**									
1036				EXCAVATION	378	CF							
1037				BACKFILLING	147	CF							
1038				3'X1' WALL FOOTER CONCRETE	189	CF							
1039				STEEL REBAR #4@16" O.C & 4-#4 CONT.	232	LB							
1040				8"THICK, 4'-6"H CONCRETE RETAINING WALL	284	SF							
1041				STEEL REBAR #5@16" VERT & #4@12" O.C HOR	942	LB							
1042				8X8X16 CMU BLOCK WALL 6'H (567 EA)	504	SF							
1043				STEEL REBAR #5@32" O.C VERT, 2-#4@48" O.C	958	LB							
	C2.1	1/C8.2		**RETAINING WALL @ RETENTION BASIN (67 LF)**									
1044				EXCAVATION	268	CF							
1045				BACKFILLING	90	CF							
1046				2'X1' CONCRETE WALL FOOTER	134	CF							
1047				STEEL REBAR 3-#4 CONT.& #4@18" O.C HOR	225	LB							
1048				8" THICKX4'-6"H CONCRETE WALL	303	CF							
1049				STEEL REBAR #4@18" O.C VERT, #4@12" O.C HOR	338	LB							
1050	C2.1	MAG-230		4" CONCRETE SIDEWALK (ACCESSIBLE ROUTE)	222	SF							
1051	C2.1			REPLACE ANY BROKEN OR OUT OF GRADE CURB, GUTTER, SIDEWALK, CURB RAMP ON STEET (IF REQUIRED)	1945	SF							
	C2.1	6/C8.1		**24"W CONCRETE WATERWAY (90 LF)**									
1052				6" THICK CLASS "B" CONCRETE	180	SF							
1053				6" THICK TYPE II ROADBASE	180	SF							
	C2.1			**CONC. DRIVEWAY PER MARICOPA STD DET#2036-2**									
1054				5" CONCRETE PAVEMENT	816	SF							
1055				6" TYPE II ROADBASE	816	SF							
		1/C8.1		**DUMPSTER ENCLOSURE**									
1056				EXCAVATION	141	CF							
1057				BACKFILLING	8	CF							
1058				2'-0"X0'-10" CONCRETE WALL FOOTER	79	CF							
1059				STEEL REBAR 2-#4 CONT.	63	LB							
1060	C2.1			8"X8"X16" CMU BLOCK WALL,7'-4"H (47 LF)	345	SF							
1061				STEEL REBARS #4@8" O.C VERT, 1#4 CONT	409	LB							
1062				PRE-CAST CONC.COPING	47	LF							
1063	C2.1			6" DUMPSTER CONC.PAD	480	SF							
1064				24'-0"X6'-8" METAL DOOR @ DUMPSTER (1EA)	160	SF							
1065				SAFETY POST BOLLARDS @ DUMPSTER	4	EA							
1066				DUMPSTERS	2	EA							
	C2.1			**DECORATIVE COLOR PAVERS**									
1067				COLOR PAVER	2100	SF							
1068				1" SAND BED (ASSUMED)	2100	SF							
1069				4" CONCRERE PAVEMENT (ASSUMED)	2100	SF							
1070	C2.1			POOL DECK W/ CEMENTITIOUS OVERLAY SUCH AS "KOOL DECK"	2376	SF							
	C2.1			**SIDEWALK**									
1071				4" THICK CONCRETE PAVEMENT	7173	SF							
1072				4" TYPE II ROADBASE	7173	SF							
1073	C2.1	5/C8.1		8"X9" TURN DOWN SIDEWALK CONCRETE (691 LF)	246	CF							
1074				4" TYPE II ROADBASE	519	SF							
1075	C2.1	11/C8.1		4" THICK CONCRETE BAND ALONG BUILDING.	152	SF							
1076	C2.1			TOOL FININSH GUTTER FLOW LINE	62	LF							
1077	C2.1			WHEEL STOP	5	EA							
1078	C2.1			FLAG POLE	1	EA							
1079				TURNCATED DOMES 2'X2' PANELS	8	SF							
1080	C2.1			SCREENING FENCE WITH GATE	78	LF							
1081	C2.1	2/A2.8		5'H METAL FENCE SURROUNDING POOL AREA	167	LF							
1082	C2.1			U SHAPE BIKE RACKS.	2	EA							
1083	C2.1	4/C8.1		6"X24" TYPE "A" CURB & GUTTER (4/C8.1)	585	LF							
1084	C2.1	2/C8.1		6"X15", 4000 PSI, ON SITE TYPE "A" CURB	1341	LF							
			321700	**PAVEMENT MARKING**									
1085				PARKING TYPE TAG	91	EA							
1086	C2.1			HANDICAP PARKING SIGN	5	EA							
1087				4" W PAVEMENT PARKING	1835	LF							
			323300	**SITE FURNISHING**									
1088				ADA POOL CHAIR LIFT	1	EA							
1089				1'W PRECAST COPING	157	LF							
1090				LOUNGE CHAIRS	10	EA							
1091				CHAISE LOUNGE	5	EA							
1092	A2.8			SIDE TABLE	11	EA							
1093				TABLE CHAIR	2	EA							
1094				ROUND TABLE (3'-6" DIA)	4	EA							
1095				CHAIRS	16	EA							
1096				ADA SPA CHAIR LIFT	1	EA							
1097				SHADE SAIL	176	SF							
			328000	**IRRIGATION**									
1098				3" SLEEVE BETWEEN PLANTERS	378	LF							
1099	C2.4			EXTERIOR, WEATHER PROOF, 4 ZONE, COMMERCIAL GRADE, PROGRAMMABLE IRRIGATION CLOCK	1	EA							
1100				IRRIGATION CONTROL BOX	1	EA							
1101				IRRIGATION SYSTEM (24638 SF)	1	LS							
			329000	**PLANTING**									
1102	C2.4			FAN-TEX ASH, FRAXINUS VELUTINA, 24" BOX	54	EA							
1103				ROCK MULCH 3", DESERT BLEND OVER FELT WEED BARRIER	24638	SF							
1104				HEAVENLY BAMBOO , NADINA DOMESTICA, 10 GAL	104	EA							
1105				BEAR GRASS, NOLINA MICROCARPA, 5GAL	180	EA							
1106				DESERT SPOON, DASYLIRION WHEELIRI, 5GAL	432	EA							
				Subtotal									

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	$/HOUR	COST				
			330000	**UTILITIES**									
			330500	**GAS UTILITY**									
1107	C2.2			GAS METER	1	EA							
1108				GAS LINE	626	LF							
			331000	**WATER UTILITIES**									
1109				4",C900 PVC WATER LINE	196	LF							
1110				6",C900 PVC WATER LINE	384	LF							
1111				8",C900 PVC WATER LINE	178	LF							
1112				4", COPPER TYPE L WATER LINE	24	LF							
1113				8", COPPER TYPE L WATER LINE	40	LF							
1114				NEW WATER METER	1	EA							
1115				8" HOT WATER TAP	2	EA							
1116				FIRE HYDRANT 6" WITH VALVE	3	EA							
1117				8" WATER VALVE	1	EA							
1118				6" WATER VALVE	3	EA							
1119				FIRE DEPARTMENT CONNECTION	1	EA							
1120				WATER SERVICE METER 3/4"	1	EA							
1121				4" WATER VALVE	1	EA							
1122				NEW HYDRANT ON ESIXTING STUB, 8" REDUCED TO 6" HYDRANT	1	EA							
1123				EXCAVATION	387	CY							
1124				BEDDING	103	CY							
1125				TRENCH SPOIL EXPORT	8	CY							
1126				BACK FILLING	275	CY							
			331000	**SANITARY SEWER**									
1127				6" PVC SAN-SEW PIPE	178	LF							
1128				6" SEWER CLEANOUT	3	EA							
1129				NEW SEWER CONNECTION	1	EA							
1130				EXCAVATION	84	CY							
1131				BEDDING	22	CY							
1132				TRENCH SPOIL EXPORT	2	CY							
1133				BACK FILLING	60	CY							
			331000	**STORM DRAINAGE**									
1134	C2.4			15" DIA. CLASS 2 CONCRETE PIPE	402	LF							
1135	C2.8			18" SD POLY PIPE	25	LF							
1136	C2.5			24"X24" CONCRETE CATCH BASIN (TG=1025.73, INV=1022.89)	1	EA							
1137	C2.6			12" WIDE CURB OUTLET	2	EA							
1138	C2.3			ADS FLARED END SECTION	5	EA							
1139	C2.7	C8.2		MAXWELL PLUS DRAINAGE SYSTEM BY "TORRENT RESOURCES" (C8.2)	2	EA							
1140	C2.9			18" WIDE CURB OPENING FOR OUTLET	1	EA							
1141	C2.10			RETENTION BASIN	8385	SF							
1142				EXCAVATION	342	CY							
1143				BEDDING	108	CY							
1144				TRENCH SPOIL EXPORT	33	CY							
1145				BACK FILLING	201	CY							
			337000	**ELECTRICAL UTILITIES**									
1146				PRIMARY POWER PROPOSED	150	LF							
1147				POOL/PADESTRIAN LIGHT	2	EA							
1148				GFI WP	2	EA							
1149	E2.0			ATM MOUNT POLE LIGHT, LED 150 WATT, (LITHONIA: KAD 400M R3 TB SCWA SPD04 DNATXD LPI	9	EA							
1150				DIRECTIONAL FLOOD, PIPE-TENON MOUNTED IN CONC. 150 WATT LIGHT (LITHONIA: ASF1 150M MDF TB AFTS ASF1FV DNATXD LPI	7	EA							
1151				150 WATT, DIRECTIONAL FLOOD, BRACKET-TENON MOUNTED TO POLE LIGHT	2	EA							
1152				42 WATT BOLLARD LIGHT FORMS+SURFACES:LBKNI-CF	6	EA							
1153				48 WATT, IN GROUND FLAG POLE LIGHT, HYDRELL:PDX10 SS 18LED WHT30K MVOLT MFL FLCAS 34S LPI	3	EA							
1154				150 WATT, PATIO/POOL PEDESTRIAN LIGHT FORM+SURFACES:LPKNI-HID	2	EA							
1155				CONDUIT FOR FUTURE EVCS	120	LF							
1156				EVCS (DUAL ELECTRIC VEHICLE CHARGING STATION)	2	EA							
1157				EV-PANEL	1	EA							
1158				MAIN DISTRIBUTION PANEL	1	EA							
				Subtotal									
			344113	**ROADWAY SIGNALING & CONTROL EQUIPMENT**									
1159				ACCESSIBLE PARKING SIGN (7/C8.1)	5	EA							
1160				SITE MONUMENT SIGN	1	EA							
				Subtotal									
				Total.									
				Add wastage of materials									
				Add Contractor's overhead & profit @ 15%									
				G.Total									

EXCAVATION & BEDDING

DESCRIPTION	Length	Unit	Dia of pipe	Trench width	EXC DEPTH	EXCAVATION QTY	BEDDING DEPTH	BEDDING QTY	Pipe volume	NET BEDDING	BACK FILLING
WATER UTILITIES											
4",C900 PVC WATER LINE	196	LF	0.42	2.42	4.75	2254.44	1.25	594.32	27.14	567.18	1660.12
6",C900 PVC WATER LINE	384	LF	0.58	2.58	4.92	4876.04	1.42	1404.49	102.46	1302.03	3471.55
8",C900 PVC WATER LINE	178	LF	0.75	2.75	5.08	2488.13	1.58	774.88	78.60	696.28	1713.25
4", COPPER TYPE L WATER LINE	24	LF	0.42	2.42	4.75	276.05	1.25	72.77	3.32	69.45	203.28
8", COPPER TYPE L WATER LINE	40	LF	0.75	2.75	5.08	559.13	1.58	174.13	17.66	156.47	385.00
Total (CY)						**387.18**		**111.87**	**8.49**	**103.39**	**275.30**
SAN SEWRAGE											
6" PVC SAN-SEW PIPE	178	LF	0.58	2.58	4.92	2260.25	1.42	651.04	47.49	603.55	1609.21
Total (CY)						**83.71**		**24.11**	**1.76**	**22.35**	**59.60**
DRAINAGE											
15" DIA. CLASS 2 CONCRETE PIPE	402	LF	1.63	3.63	5.96	8682.30	2.46	3581.92	833.30	2748.62	5100.38
18" SD POLY PIPE	25	LF	1.67	3.67	6.00	550.78	2.50	229.65	54.73	174.92	321.13
Total (CY)						**341.97**		**141.17**	**32.89**	**108.28**	**200.80**

99 ESTIMATORS