

ITEM #	CSI #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Labor+ Material)	TOTAL COST (Labor+ Material)	TRADE COST
<b>10000</b>		<b>GENERAL REQUIREMENTS</b>					
1		Supervision	1	LS	\$0	\$0	
2		Permits	1	LS	\$0	\$0	
3		Final Clean-up	1	LS	\$0	\$0	
4		Mobilization Costs	1	LS	\$0	\$0	
5		Project Overheads	1	LS	\$0	\$0	
6		Bonds	1	LS	\$0	\$0	
7		Temporary Control & Facilities	1	LS	\$0	\$0	
8		Scaffolding	32165	SF		\$32,165	
		<b>Subtotal (General Requirements)</b>					<b>\$32,165</b>
<b>20000</b>		<b>DIVISION 02- SITE WORK/ EXISTING CONDITIONS</b>					
9		Excavation	120	CY			
10		Cut	6935	CY			
		<b>Demo Work</b>					
11		Replace curb inlet	1	EA			
12		Saw cut curb and gutter	98	LF			
13		Protect light poles	4	EA			
14		Relocate traffic sign	1	EA			
15		Remove curb inlet	1	EA			
		<b>Site Work</b>					
16		Ramp	221	SF			
17		(4"Th.) Reinf. Conc. Sidewalk -Compacted subgrade	4255	SF			
18		6" Conc. Curb	2871	LF			
19		Wrought iron fence	214	LF			
20		(6"Wx6'L) Conc. wheel stop	10	EA			
21		Accessible signage	5	EA			
22		4" White stripping	1696	LF			
23		(5"Th.) Reinforced conc. pavement -Lime stabilized subgrade	16378	SF			

24	(8"Th.) Reinforced conc. pavement -Lime stabilized subgrade	507	SF		
25	Pool area pavement	3129	SF		
26	(8"Th.) Reinforced conc. pavement -Lime stabilized subgrade	714	SF		
27	(6"Th.) Reinforced conc. pavement -Lime stabilized subgrade	37577	SF		
	<b>Signage</b>				
28	Signage on 2" Steel post	4	EA		
29	8"x30" Footing	1	CY		
	<b>Trash Enclosure</b>				
30	(6"Th.) Conc. Apron reinf. w/ 10-10 WWF	265	SF		
31	8"Dia. Conc. Filled steel Bollard w/ Conc. Footing	4	EA		
32	(18"Dia.x3'-0"D) Conc. Footing	1	CY		
33	(3-1/2") Steel pipe	80	LF		
34	Freeze Resistant Hose bib	1	EA		
35	Conc. curb	35	LF		
36	1x4 Wood slat w/ blocking	312	SF		
37	1x8 Cedar cap	50	LF		
38	1x6 Wood Trim	50	LF		
39	Gate	1	EA		
	<b>Retaining Wall (assumed height 4')</b>				
40	(1'-2") Reinforced Conc. Retaining wall	55	CY		
41	Reinforced Conc. Footing	55	CY		
42	42" Guardrail	278	LF		
43	4" Perforated Drain pipe	278	LF		
	<b>Drainage</b>				
44	5' Curb inlet	2	EA		
45	2-Grate inlet	1	EA		
46	8' Curb inlet	1	EA		
47	18" RCP	449	LF		
48	6" Fire line	113	LF		
49	6" Sanitary sewer line	78	LF		
50	3" Water line	98	LF		
51	dco	1	EA		
52	FDC	1	EA		

53	16"x6" Tee	2	EA		
54	16" Valve	3	EA		
55	6" Valve	3	EA		
56	Fire hydrant assembly	2	EA		
57	16"X4" Tee	1	EA		
58	4" Valve	1	EA		
59	4" Plug	1	EA		
60	Cleanout	1	EA		
61	6" Plug	1	EA		
62	(1-12/" ) Deadhead	1	EA		
63	12"x6" Tee	1	EA		
64	12" Valve	1	EA		
	<b>Erosion control</b>				
65	Silt fence -Steel post @ 6'OC	1291	LF		
66	Stabilized construction entrance	1028	SF		
67	Inlet protection	3	EA		
68	Rock check dam	6	EA		
69	12"Rock rip-rap w/ filter blanket	1	EA		
	<b>Landscape</b>				
70	Live Oak	2	EA		
71	Chinkapin oak	11	EA		
72	Lacebark elm	10	EA		
73	Bald cypress	2	EA		
74	Crape myrtle	6	EA		
75	Indian grass	14	EA		
76	Needlepoint holly	116	EA		
77	Burford holly	109	EA		
78	Red yucca	10	EA		
79	Indian hawthron	22	EA		
80	Mex. Feathergrass	77	EA		
81	Green lirioppe	344	EA		
82	Varigated lirioppe	28	EA		
83	Annuals	250	EA		
84	Steel edging	457	EA		
85	Common bermuda sod	18978	SF		

86	4" Cobble stone	2480	SF			
87	Decomposed granite	98	SF			
	<b>Electrical Work</b>					
88	Light Poles	17	EA			
89	Monument sign	1	EA			
90	Transformer	1	EA			
91	CATV Outlet	1	EA			
92	Telephone outlet	1	EA			
93	Footing	1	CY			
	<b>Pool</b>					
94	Concrete coping w/ slip resistant texture safety	78	LF			
95	6"x6" Waterline Tile	78	LF			
96	Trench drain	78	LF			
97	WP Sealant	78	LF			
98	Stainless steel ladder	2	EA			
99	Stainless steel handrail peened finish	15	LF			
100	pool steps	1	EA			
101	4" Depth marker	16	EA			
102	Fixed accessible lift	1	EA			
103	Pool Decking	2441	SF			
104	(3/8") Waterproof plaster	666	SF			
	<b>Subtotal (Site Work/ Existing Conditions)</b>					<b>\$0</b>
<b>30000 DIVISION 03- CONCRETE</b>						
105	Conc. Curb	20	LF			
	<b>Foundation</b>					
106	(1'-0"x2'-6") Reinf. Conc. Grade Beam	235	CY			
107	(12" Th.) Reinforced Housekeeping Pad	3	CY			
108	Reinforced Thickened Slab	7	CY			
109	(4"Th.) Conc slab on grade reinf. w/ #3 @ 18" OC -Vapor Barrier	155	CY			
110	(1'-2"Th.) Reinforced Conc. Elevator pit	7	CY			
111	(1'-0"x5'-0") Reinf. Conc. Walls	11	CY			
	<b>Footing</b>					
112	(3'-0"x3'-0"x1'-0") Conc. Footing reinf. w/ 3#5 EW	3	CY			
113	(4'-0"x4'-0"x1'-0") Conc. Footing reinf. w/ 4#5 EW	5	CY			

114	(6'-0"x6'-0"x1'-2") Conc. Footing reinf. w/ 6#5 EW	5	CY			
115	(7'-0"x7'-0"x1'-2") Conc. Footing reinf. w/ 7#5 EW	12	CY			
116	(8'-0"x8'-0"x1'-4") Conc. Footing reinf. w/ 8#6 EW	26	CY			
117	(1'-2"D) Reinforced Conc. Footing	34	CY			
118	(1'-6"D) Reinforced Conc. Footing	7	CY			
119	(2'-0"x1'-0") Reinforced Conc. Footing	2	CY			
120	(1'-6"x1'-0") Reinforced Conc. Footing	1	CY			
121	(3'-0"x2'-0") Reinforced Conc. Pier	2	CY			
122	(2'-4"x1'-4") Reinforced Conc.	2	CY			
	<b>Pool Foundation</b>					
123	(1'-0"x2'-6") Reinf. Conc. Grade Beam	6	CY			
124	(4"Th.) Conc slab on grade reinf. w/ #3 @ 18" OC -Vapor Barrier	2	CY			
	<b>Subtotal (Concrete)</b>					<b>\$0</b>
<b>40000 DIVISION 04- MASONRY</b>						
125	8" Reinforced CMU Wall @ stairs, elevator	8415	SF			
126	(8"Th.) Reinforced CMU Wall @ Porte Chochoere	340	SF			
	<b>Pool</b>					
127	8" CMU Wall	940	SF			
128	EF3 Finish	1356	SF			
129	Stone veneer (ST-1)	525	SF			
130	Cast stone coping	35	LF			
131	6" CMU Wall	145	SF			
132	Cultured stone	288	SF			
	<b>Subtotal (Masonry)</b>					<b>\$0</b>
<b>50000 DIVISION 05- METALS</b>						
133	Holdowns	160	EA			
	<b>Stairs</b>					
134	Stairs as: -11 Treads @ 11" -12 Risers @ 6" - 1 Landing -MC 12x10.6 Steel Stringers	2	LOC			

135	Stairs as: -9 Treads @ 11" -10 Risers @ 6" - 1 Landing -MC 12x10.6 Steel Stringers	4	LOC		
136	Metal Painted handrail	140	LF		
137	Painted Metal Guardrail	145	LF		
	<b>First Floor Framing</b>				
138	HSS 4x4x1/4	477	LBS		
139	HSS 5x5x1/4	4062	LBS		
140	HSS 5x5x3/8	6980	LBS		
141	HSS 6.00x0.375	1155	LBS		
142	HSS 6.00x0.375	358	LBS		
143	HSS 6.00x0.375	358	LBS		
144	3.5" STD Pipe	52	LF		
145	HSS 9x5x3/8	848	LBS		
146	HSS 6x6x3/8	2144	LBS		
147	Base plates	64	EA		
	<b>Second Floor Framing</b>				
148	W14x22	613	LBS		
149	W16x26	3368	LBS		
150	W21x50	2136	LBS		
151	W24x55	3498	LBS		
152	W24X62	1781	LBS		
153	W24x62	1695	LBS		
154	W24x68	1749	LBS		
155	W24x76	2064	LBS		
156	W27x94	3018	LBS		
157	W8x15	105	LBS		
158	beam	6	LF		
159	HSS 4x2x5/16	609	LBS		
160	HSS 4x4x3/8	654	LBS		
161	HSS 6x5x5/16	997	LBS		
162	HSS9x5x3/8 TBR	1495	LBS		
	<b>Third Floor Framing</b>				
163	W8x15	102	LBS		

		<b>Roof Framing</b>				
164		W8x15	94	LBS		
165		W8x31	590	LBS		
		<b>Canopy Framing</b>				
166		HSS 16x8x3/8	5583	LBS		
167		HSS 16x4x3/16	1587	LBS		
168		HSS 14x6x3/8	9576	LBS		
169		800S200-43 @ 16" OC	950	LF		
170		Louver system	194.06	SF		
171		Metal Decking	1287	SF		
172		Overlay Board	1287	SF		
		<b>Subtotal (Metals)</b>				<b>\$0</b>
<b>60000 DIVISION 06- WOOD, PLASTIC &amp; COMPOSITES</b>						
		<b>Millwork</b>				
173		Wood desk	22	SF		
174		Bench	1	EA		
175		Base cabinets @ fitness center	5	LF		
176		Shelf	5	LF		
177		Wood faced base cabinets	12	LF		
178		Base Cabinets @ break room	10	LF		
179		Upper Cabinets @ break room	10	LF		
180		Open Upper Cabinets w/ 2 Adjustable Shelves	18	LF		
181		Plywood Panels	110	SF		
182		Dry storage shelving	6	EA		
183		Recessed amenities cabinet	1	EA		
184		Veneer stained Base cabinets	44	LF		
185		(3/4") Plywood cabinet frame w/ black melamine interior	10	LF		
186		Wood veneer	90	SF		
187		Printer cabinet	4	LF		
188		Open Shelf	4	LF		
189		(2'-0") Folding Table (3/4") Plywood w/ Plam Finish	1	EA		
		<b>Stair Framing</b>				
190		(5-1/4x11-1/4) PSL	131	LF		
191		3-2x6 POST	74	LF		
192		2X12 @ 16" OC	486	LF		



193	Sheathing	647	SF		
	<b>Second Floor Framing</b>				
	<b>Header</b>				
194	2x8	85	LF		
195	2x12	29	LF		
196	Header	54	LF		
197	(2) 2x10	38	LF		
198	(3) 2x11	16	LF		
199	(5-1/4x9-1/4) PSL	143	LF		
200	(5-1/4x14) PSL	6	LF		
201	(3-1/2x16) PSL	44	LF		
202	(5-1/4x16) PSL	40	LF		
203	(5-1/4x24) PSL	159	LF		
204	(5-1/4x24) PSL	77	LF		
	<b>Framing</b>				
205	24" Open web floor trusses @ 24" oc (10430 SF)	5214	LF		
206	24" Open web floor trusses @ 16" oc (731 SF)	550	LF		
207	2x10 Framing @ 16" OC (1172 SF)	881	LF		
208	2x12 @ 16" OC (1042SF)	784	LF		
209	2X8 @ 24" OC (199 SF)	100	LF		
	<b>Sheathing</b>				
210	(23/32") Tounge and groove sheathing	13570	SF		
	<b>Third Floor Framing</b>				
	<b>Header</b>				
211	Header	179	LF		
212	(2) 2x10	37	LF		
213	(3) 2x11	113	LF		
214	(5-1/4x9-1/4) PSL	3	LF		
215	(5-1/4x14) PSL	6	LF		
	<b>Framing</b>				
216	24" Open web floor trusses @ 24" oc (10430 SF)	5214	LF		
217	24" Open web floor trusses @ 16" oc (731 SF)	550	LF		
218	2x10 Framing @ 16" OC (1172 SF)	881	LF		
219	2x12 @ 16" OC (1042SF)	784	LF		
220	2X8 @ 24" OC (199 SF)	100	LF		
	<b>Sheathing</b>				



221	(23/32") Tounge and groove sheathing	13570	SF			
	<b>Fourth Floor Framing</b>					
	<b>Header</b>					
222	Header	179	LF			
223	(2) 2x10	37	LF			
224	(3) 2x11	113	LF			
225	(5-1/4x9-1/4) PSL	3	LF			
226	(5-1/4x14) PSL	6	LF			
	<b>Framing</b>					
227	24" Open web floor trusses @ 24" oc (10430 SF)	5214	LF			
228	24" Open web floor trusses @ 16" oc (731 SF)	550	LF			
229	2x10 Framing @ 16" OC (1172 SF)	881	LF			
230	2x12 @ 16" OC (1042SF)	784	LF			
231	2X8 @ 24" OC (199 SF)	100	LF			
	<b>Sheathing</b>					
232	(23/32") Tounge and groove sheathing	13570	SF			
	<b>Roof Framing</b>					
233	Header	195	LF			
234	(2) 2x10	43	LF			
235	(3) 2x11	108	LF			
236	(5-1/4x14) PSL	7	LF			
237	HX	8	LF			
	<b>Framing</b>					
238	24" Open web roof trusses @ 24" OC (12585 SF)	6293	LF			
239	2X8 @ 24" OC (406SF)	204	LF			
	<b>Sheathing</b>					
240	19/32" APA Rated Sheathing w/ Screws	1512	SF			
	<b>Pool Framing</b>					
241	2x8 @ 24" OC	74	LF			
	<b>Shear wall</b>					
242	(7/16") Sheathing	27584	SF			
	<b>Subtotal (Wood &amp; Plastic Composites)</b>					<b>\$0</b>
<b>70000</b>	<b>DIVISION 07- THERMAL &amp; MOISTURE PROTECTION</b>					
	<b>Roof</b>					
243	(2'-3"Wx11'-10"H) Aluminum roof ladder	1	LOC			

244	(1'-6") Aluminum clad soffit	48	LF			
245	(48"x48") Roof Hatch	1	EA			
246	Chute cap	1	EA			
247	Exhaust cap	1	EA			
248	Conc. splash block	1	EA			
249	Aluminum gutter	59	LF			
250	Walkway	895	SF			
251	Prefinished aluminum fascia	44	LF			
252	TPO Roofing	13175	SF			
253	Trellis	125	SF			
254	Flashing	1195	LF			
	<b>Parapet Wall</b>					
255	2x6 Wood Studs @ 16" OC	3851	SF			
256	Top and Bottom plate	3059	LF			
257	5/8" zip sheathing	3266	SF			
258	5/8" Dense glass	585	SF			
259	sealant	803	LF			
260	Cap flashing	1772	LF			
261	Drip edge	886	LF			
262	3/4" Plywood	758	SF			
263	Blocking	513	LF			
	<b>Subtotal (Thermal &amp; Moisture Protection)</b>					<b>\$0</b>

Star Estimating

80000		DIVISION 08- OPENINGS					
		First Floor					
		<b>Doors</b>					
264		(2) (3'-0"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	2	EA			
265		(2) (3'-0"x7'-2") Hollow Metal Door w/ Hollow Metal Frame and Hardware set	1	EA			
266		(2'-4"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	3	EA			
267		(3'-0"x4'-0") Aluminum Door	1	EA			
268		(3'-0"x6'-0") Aluminum Door	1	EA			
269		(3'-0"x6'-8") Hollow Metal Door w/ Hollow Metal Frame and Hardware set	4	EA			
270		(3'-0"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	17	EA			
271		(3'-0"x7'-5") Aluminum Door w/ Aluminum Frame and Hardware set	3	EA			
272		(3'-0"x7'-5") Aluminum Door w/ Aluminum Frame and Hardware set	2	EA			
273		(3'-0"x8'-4") Aluminum Door w/ Aluminum Frame and Hardware set	1	EA			
274		(3'-0"x8'-7") Aluminum Door w/ Hollow Metal Frame and Hardware set	1	EA			
275		(4'-0"x7'-2") Hollow Metal Door w/ Hollow Metal Frame and Hardware set	1	EA			
276		(4'-6"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	1	EA			
277		(4'-10"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	1	EA			
278		(6'-0"x7'-5") Aluminum Door w/ Aluminum Frame and Hardware set	2	EA			
279		(5'-10"x5'-2") Metal Door	1	EA			
		<b>Windows</b>					
280		(6'-0"x8'-0") Fixed Window w/ aluminum frame	14	EA			
281		(6'-0"x2'-8") Fixed Window w/ aluminum frame	2	EA			

282	(6'-0"x2'-8") Louver w/ aluminum frame	1	EA		
283	(14'-6"x4'-8") Fixed window w/ aluminum frame	1	EA		
	<b>Storefront</b>				
284	(11'-5"x9'-2") Glass storefront w/ frame	5	EA		
285	(2'-9"x8'-9") Glass storefront w/ frame	1	EA		
286	(10'-11"x8'-9") Glass storefront w/ frame	1	EA		
287	(9'-10"x8'-9") Glass storefront w/ frame	1	EA		
288	(4'-10"x8'-9") Glass storefront w/ frame	1	EA		
289	(21'-7"x8'-9") Glass storefront w/ frame	1	EA		
290	(14'-6"x8'-9") Glass storefront w/ frame	1	EA		
	<b>Second Floor</b>				
	<b>Doors</b>				
291	(3'-0"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	7	EA		
	<b>Windows</b>				
292	(6'-0"x6'-10") Fixed window w/ aluminum frame	28	EA		
293	(3'-4"x6'-7") Fixed window w/ aluminum frame	2	EA		
	<b>Third Floor</b>				
	<b>Doors</b>				
294	(3'-0"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	7	EA		
	<b>Windows</b>				
295	(6'-0"x6'-10") Fixed window w/ aluminum frame	28	EA		
296	(3'-4"x6'-7") Fixed window w/ aluminum frame	2	EA		
	<b>Fourth Floor</b>				
	<b>Doors</b>				
297	(3'-0"x6'-8") Solid Core wood Door w/ Hollow Metal Frame and Hardware set	7	EA		
	<b>Windows</b>				
298	(6'-0"x6'-10") Fixed window w/ aluminum frame	28	EA		
299	(3'-4"x6'-7") Fixed window w/ aluminum frame	2	EA		
	<b>Subtotal (Openings)</b>				<b>\$0</b>
<b>90000</b>	<b>DIVISION 09- FINISHES</b>				
	<b>First Floor</b>				
	<b>Walls</b>				

	<b>2x6 Interior Stud Wall as:</b>				
300	2x6 Studs @ 16" OC	794	SF		
301	(3-1/2") Sound attenuation batt insulation	668	SF		
302	(5/8") Type 'X' Gypsum board	668	SF		
303	Top and bottom plate	217	LF		
304	Acoustical sealant	289	LF		
	<b>Wall Type A13 as:</b>				
305	2x6 Studs @ 16" OC	5834	SF		
306	6" Sound batt insulation	5519	SF		
307	(5/8") Type 'X' Gypsum board	4622	SF		
308	Zip system sheathing	5834	SF		
309	Top and bottom plate	1347	LF		
310	Acoustical sealant	1795	LF		
	<b>Wall Type A16 as:</b>				
311	2x6 Studs @ 16" OC	480	SF		
312	6" Sound batt insulation	480	SF		
313	(5/8") Type 'X' Gypsum board	406	SF		
314	Zip system sheathing	480	SF		
315	Top and bottom plate	111	LF		
316	Acoustical sealant	148	LF		
	<b>Wall Type B15 as:</b>				
317	2x6 Studs @ 16" OC	5706	SF		
318	6" Sound batt insulation	5328	SF		
319	(1/2") Resilient channels @ 24" OC	5706	SF		
320	(5/8") Type 'X' Gypsum board	10116	SF		
321	Moisture resistant gypsum board @ Wet Areas	540	SF		
322	Zip system sheathing	5706	SF		
323	Top and bottom plate	1557	LF		
324	Acoustical sealant	2075	LF		
	<b>Wall Type B1 as:</b>				
325	2x4 Studs @ 16" OC	5539	SF		
326	(3-1/2") Sound attenuation batt insulation	5140	SF		
327	(5/8") Type 'X' Gypsum board	9380	SF		
328	Moisture resistant gypsum board @ Wet Areas	900	SF		
329	Top and bottom plate	1511	LF		
330	Acoustical sealant	2015	LF		

		<b>Wall Type E7 as:</b>				
331		2x6 Studs @ 16" OC	514	SF		
332		2x4 Studs @ 16" OC	514	SF		
333		6" Sound batt insulation	514	SF		
334		(3-1/2") Sound attenuation batt insulation	514	SF		
335		(5/8") Type 'X' Gypsum board	833	SF		
336		Moisture resistant gypsum board @ Wet Areas	195	SF		
337		(1/2") Resilient channels @ 24" OC	514	SF		
338		Top and bottom plate	281	LF		
339		Acoustical sealant	187	LF		
		<b>Wall Type E1 as: (SHAFT)</b>				
340		2x4 Studs @ 16" OC	98	SF		
341		(3-1/2") Sound attenuation batt insulation	98	SF		
342		(5/8") Type 'X' Gypsum board	98	SF		
343		Top and bottom plate	27	LF		
344		Acoustical sealant	18	LF		
		<b>Wall Type J4 as:</b>				
345		2x6 Studs @ 16" OC	2125	SF		
346		(5/8") Gypsum board	6375	SF		
347		(1/2") Gypsum board	2125	SF		
348		(1/2") Resilient channels @ 24" OC	2125	SF		
349		(5-1/2") Sound attenuation batt insulation	2125	SF		
350		Top and bottom plate	580	LF		
351		Acoustical sealant	773	LF		
		<b>Low Height Wall as:</b>				
352		2x4 Studs @ 16" OC	84	SF		
353		(5/8") Gypsum board	167	SF		
354		Top and bottom plate	64	LF		
355		Sealant	86	LF		
356		Stone Cap	22	LF		
		<b>2HR Rated MUA Shaft Wall as:</b>				
357		25 Ga galvanized Steel Studs	336	SF		
358		1" Gypsum Liner Board	672	SF		
		<b>Linen Chute Wall as:</b>				
359		25 Ga galvanized Steel Studs	266	SF		
360		1" Gypsum Liner Board	532	SF		



		<b>Banquette Knee Wall as:</b>				
361		Hardwood Partition cap	37	LF		
362		(3/4") PLAM Panel	222	SF		
363		Studs @ 16" OC	111	SF		
		<b>Hearth Cushion as:</b>				
364		Steel Framing	50	SF		
365		3/4" Solid surface	50	SF		
366		3/4" Plywood substrate	50	SF		
367		Removable panel	20	SF		
368		Gypsum board	20	SF		
		<b>Transaction Wall as:</b>				
369		Studs @ 16" OC	50	SF		
370		3/4" Plywood	100	SF		
371		Plastic laminate toe kick	36	LF		
		<b>Wall Finishes</b>				
372		Vinyl Wall Covering	9682	SF		
373		Glazed wall tile	177	SF		
374		Decorative acrylic panels	70	SF		
375		Metal	10	SF		
376		Wall covering	279	SF		
377		Paint	7927	SF		
378		Cast stone	77	SF		
379		Wood panels	213	SF		
380		Wood Planks	153	SF		
381		High impact thermoplastic wall panel	511	SF		
		<b>Base</b>				
382		4"x17" Tile base	132	LF		
383		Porcelain tile base	522	LF		
384		4" Wood base	74	LF		
385		Quarry Tile base	100	LF		
386		Vinyl cove base	664	LF		
387		Plastic laminate base	13	LF		
388		Carpet base	72	LF		
		<b>Flooring</b>				
389		Carpet	1346	SF		
390		Porcelain tile	3659	SF		



391	Quarry tile	435	SF		
392	Resilient flooring	637	SF		
393	VCT	526	SF		
394	Epoxy	742	SF		
395	Sealed conc.	817	SF		
396	Corridor flooring	372	SF		
	<b>Ceiling</b>				
397	2x2 ACT	3247	SF		
398	2x4 ACT	685	SF		
399	6" Wood Ceiling planks	1104	SF		
400	1 Layer (5/8") Type X Painted Gypsum board	2872	SF		
401	(1/2") Resilient channels @ 12" OC	2872	SF		
402	Suspended liner metal panels	1269	SF		
403	7" Soffit	75	LF		
404	6" Soffit	115	LF		
405	Mineral fiber batt insulation	12515	SF		
	<b>Second Floor</b>				
	<b>Walls</b>				
	<b>Wall Type A13 as:</b>				
406	2x6 Studs @ 16" OC	5357	SF		
407	6" Sound batt insulation	4109	SF		
408	(5/8") Type 'X' Gypsum board	3135	SF		
409	Zip system sheathing	5357	SF		
410	Top and bottom plate	1461	LF		
411	Acoustical sealant	1948	LF		
	<b>Wall Type A16 as:</b>				
412	2x6 Studs @ 16" OC	792	SF		
413	6" Sound batt insulation	696	SF		
414	(5/8") Type 'X' Gypsum board	552	SF		
415	Zip system sheathing	792	SF		
416	Top and bottom plate	216	LF		
417	Acoustical sealant	288	LF		
	<b>Wall Type B15 as:</b>				
418	2x6 Studs @ 16" OC	10291	SF		
419	6" Sound batt insulation	9724	SF		
420	(1/2") Resilient channels @ 24" OC	10291	SF		

421	(5/8") Type 'X' Gypsum board	17692	SF		
422	Moisture resistant gypsum board @ Wet Areas	1755	SF		
423	Zip system sheathing	10291	SF		
424	Top and bottom plate	2989	LF		
425	Acoustical sealant	3985	LF		
	<b>Wall Type B1 as:</b>				
426	2x4 Studs @ 16" OC	4564	SF		
427	(3-1/2") Sound attenuation batt insulation	3997	SF		
428	(5/8") Type 'X' Gypsum board	5698	SF		
429	Moisture resistant gypsum board @ Wet Areas	2295	SF		
430	Top and bottom plate	1522	LF		
431	Acoustical sealant	2029	LF		
	<b>Wall Type E7 as:</b>				
432	2x6 Studs @ 16" OC	1300	SF		
433	2x4 Studs @ 16" OC	1300	SF		
434	6" Sound batt insulation	1300	SF		
435	(3-1/2") Sound attenuation batt insulation	1300	SF		
436	(5/8") Type 'X' Gypsum board	2128	SF		
437	Moisture resistant gypsum board @ Wet Areas	473	SF		
438	(1/2") Resilient channels @ 24" OC	1300	SF		
439	Top and bottom plate	867	LF		
440	Acoustical sealant	578	LF		
	<b>Wall Type E1 as: (SHAFT)</b>				
441	2x4 Studs @ 16" OC	744	SF		
442	(3-1/2") Sound attenuation batt insulation	744	SF		
443	(5/8") Type 'X' Gypsum board	744	SF		
444	Top and bottom plate	248	LF		
445	Acoustical sealant	166	LF		
	<b>Wall Type J4 as:</b>				
446	2x6 Studs @ 16" OC	351	SF		
447	(5/8") Gypsum board	990	SF		
448	(1/2") Gypsum board	330	SF		
449	(1/2") Resilient channels @ 24" OC	330	SF		
450	(5-1/2") Sound attenuation batt insulation	351	SF		
451	Top and bottom plate	102	LF		
452	Acoustical sealant	136	LF		

		<b>Low Height Wall as:</b>				
453		2x4 Studs @ 16" OC	226	SF		
454		(5/8") Gypsum board	451	SF		
455		Top and bottom plate	174	LF		
456		Sealant	232	LF		
457		Stone Cap	58	LF		
		<b>Wall Finishes</b>				
458		Vinyl Wall Covering	4208	SF		
459		Paint	2115	SF		
		<b>Flooring</b>				
460		Carpet	1735	SF		
461		Vinyl Composition tile	197	SF		
462		Sealed Concrete	185	SF		
		<b>Base</b>				
463		Carpet Base	503	LF		
464		Resilient base	55	LF		
		<b>Ceiling</b>				
465		2x2 ACT	865	SF		
466		1 Layer (5/8") Type X Painted Gypsum board	940	SF		
467		(1/2") Resilient channels @ 12" OC	940	SF		
468		Paint	188	SF		
469		Mineral fiber batt insulation	2935	SF		
		<b>Third Floor</b>				
		<b>Walls</b>				
		<b>Wall Type A13 as:</b>				
470		2x6 Studs @ 16" OC	6127	SF		
471		6" Sound batt insulation	4879	SF		
472		(5/8") Type 'X' Gypsum board	3765	SF		
473		Zip system sheathing	6127	SF		
474		Top and bottom plate	1671	LF		
475		Acoustical sealant	2228	LF		
		<b>Wall Type B15 as:</b>				
476		2x6 Studs @ 16" OC	10549	SF		
477		6" Sound batt insulation	9982	SF		
478		(1/2") Resilient channels @ 24" OC	10549	SF		
479		(5/8") Type 'X' Gypsum board	18208	SF		

480	Moisture resistant gypsum board @ Wet Areas	1755	SF		
481	Zip system sheathing	10549	SF		
482	Top and bottom plate	3064	LF		
483	Acoustical sealant	4085	LF		
	<b>Wall Type B1 as:</b>				
484	2x4 Studs @ 16" OC	4515	SF		
485	(3-1/2") Sound attenuation batt insulation	3948	SF		
486	(5/8") Type 'X' Gypsum board	5871	SF		
487	Moisture resistant gypsum board @ Wet Areas	2025	SF		
488	Top and bottom plate	1505	LF		
489	Acoustical sealant	2007	LF		
	<b>Wall Type E7 as:</b>				
490	2x6 Studs @ 16" OC	1152	SF		
491	2x4 Studs @ 16" OC	1152	SF		
492	6" Sound batt insulation	1152	SF		
493	(3-1/2") Sound attenuation batt insulation	1152	SF		
494	(5/8") Type 'X' Gypsum board	1832	SF		
495	Moisture resistant gypsum board @ Wet Areas	473	SF		
496	(1/2") Resilient channels @ 24" OC	1152	SF		
497	Top and bottom plate	768	LF		
498	Acoustical sealant	512	LF		
	<b>Wall Type E1 as: (SHAFT)</b>				
499	2x4 Studs @ 16" OC	754	SF		
500	(3-1/2") Sound attenuation batt insulation	754	SF		
501	(5/8") Type 'X' Gypsum board	754	SF		
502	Top and bottom plate	252	LF		
503	Acoustical sealant	168	LF		
	<b>Wall Type J4 as:</b>				
504	2x6 Studs @ 16" OC	349	SF		
505	(5/8") Gypsum board	982	SF		
506	(1/2") Gypsum board	328	SF		
507	(1/2") Resilient channels @ 24" OC	349	SF		
508	(5-1/2") Sound attenuation batt insulation	328	SF		
509	Top and bottom plate	102	LF		
510	Acoustical sealant	135	LF		
	<b>Low Height Wall as:</b>				

511	2x4 Studs @ 16" OC	223	SF		
512	(5/8") Gypsum board	445	SF		
513	Top and bottom plate	171	LF		
514	Sealant	228	LF		
515	Stone Cap	57	LF		
	<b>Wall Finishes</b>				
516	Vinyl Wall Covering	4208	SF		
517	Paint	2115	SF		
	<b>Flooring</b>				
518	Carpet	1735	SF		
519	Vinyl Composition tile	197	SF		
520	Sealed Concrete	185	SF		
	<b>Base</b>				
521	Carpet Base	503	LF		
522	Resilient base	55	LF		
	<b>Ceiling</b>				
523	2x2 ACT	865	SF		
524	1 Layer (5/8") Type X Painted Gypsum board	940	SF		
525	(1/2") Resilient channels @ 12" OC	940	SF		
526	Paint	188	SF		
527	Mineral fiber batt insulation	2935	SF		
	<b>Fourth Floor</b>				
	<b>Walls</b>				
	<b>Wall Type A13 as:</b>				
528	2x6 Studs @ 16" OC	6127	SF		
529	6" Sound batt insulation	4879	SF		
530	(5/8") Type 'X' Gypsum board	3765	SF		
531	Zip system sheathing	6127	SF		
532	Top and bottom plate	1671	LF		
533	Acoustical sealant	2228	LF		
	<b>Wall Type B15 as:</b>				
534	2x6 Studs @ 16" OC	10549	SF		
535	6" Sound batt insulation	9982	SF		
536	(1/2") Resilient channels @ 24" OC	10549	SF		
537	(5/8") Type 'X' Gypsum board	18208	SF		
538	Moisture resistant gypsum board @ Wet Areas	1755	SF		

539	Zip system sheathing	10549	SF		
540	Top and bottom plate	3064	LF		
541	Acoustical sealant	4085	LF		
	<b>Wall Type B1 as:</b>				
542	2x4 Studs @ 16" OC	4515	SF		
543	(3-1/2") Sound attenuation batt insulation	3948	SF		
544	(5/8") Type 'X' Gypsum board	5871	SF		
545	Moisture resistant gypsum board @ Wet Areas	2025	SF		
546	Top and bottom plate	1505	LF		
547	Acoustical sealant	2007	LF		
	<b>Wall Type E7 as:</b>				
548	2x6 Studs @ 16" OC	1152	SF		
549	2x4 Studs @ 16" OC	1152	SF		
550	6" Sound batt insulation	1152	SF		
551	(3-1/2") Sound attenuation batt insulation	1152	SF		
552	(5/8") Type 'X' Gypsum board	1832	SF		
553	Moisture resistant gypsum board @ Wet Areas	473	SF		
554	(1/2") Resilient channels @ 24" OC	1152	SF		
555	Top and bottom plate	768	LF		
556	Acoustical sealant	512	LF		
	<b>Wall Type E1 as: (SHAFT)</b>				
557	2x4 Studs @ 16" OC	754	SF		
558	(3-1/2") Sound attenuation batt insulation	754	SF		
559	(5/8") Type 'X' Gypsum board	754	SF		
560	Top and bottom plate	252	LF		
561	Acoustical sealant	168	LF		
	<b>Wall Type J4 as:</b>				
562	2x6 Studs @ 16" OC	349	SF		
563	(5/8") Gypsum board	982	SF		
564	(1/2") Gypsum board	328	SF		
565	(1/2") Resilient channels @ 24" OC	349	SF		
566	(5-1/2") Sound attenuation batt insulation	328	SF		
567	Top and bottom plate	102	LF		
568	Acoustical sealant	135	LF		
	<b>Low Height Wall as:</b>				
569	2x4 Studs @ 16" OC	223	SF		



570	(5/8") Gypsum board	445	SF		
571	Top and bottom plate	171	LF		
572	Sealant	228	LF		
573	Stone Cap	57	LF		
	<b>Wall Finishes</b>				
574	Vinyl Wall Covering	4208	SF		
575	Paint	2115	SF		
	<b>Flooring</b>				
576	Carpet	1735	SF		
577	Vinyl Composition tile	197	SF		
578	Sealed Concrete	185	SF		
	<b>Base</b>				
579	Carpet Base	503	LF		
580	Resilient base	55	LF		
	<b>Ceiling</b>				
581	2x2 ACT	865	SF		
582	1 Layer (5/8") Type X Painted Gypsum board	940	SF		
583	(1/2") Resilient channels @ 12" OC	940	SF		
584	Paint	188	SF		
585	Mineral fiber batt insulation	2935	SF		
	<b>Guest Room Finishes</b>				
	<b>King Guestroom</b>				
586	Wall Covering	31595	SF		
587	Cast polymer	3238	SF		
588	Carpet	7926	SF		
589	Porcelain tile	1443	SF		
590	Carpet base	2396	LF		
591	Porcelain tile base	929	LF		
	<b>Ceiling as:</b>				
592	1 Layer (5/8") Type X Painted Gypsum board	10270	SF		
593	1/2" Resilient channels @ 12" OC	10270	SF		
594	Insulation	10270	SF		
	<b>King Suite</b>				
595	Wall Covering	21791	SF		
596	Cast polymer	1768	SF		
597	Carpet	6358	SF		



598	Porcelain tile	806	SF		
599	Carpet base	1807	LF		
600	Porcelain tile base	512	LF		
	<b>Ceiling as:</b>				
601	1 Layer (5/8") Type X Painted Gypsum board	7665	SF		
602	1/2" Resilient channels @ 12" OC	7665	SF		
603	Insulation	7665	SF		
	<b>Queen Queen Guestroom</b>				
604	Wall covering	27037	SF		
605	Cast polymer	2416	SF		
606	Carpet	7742	SF		
607	Porcelain tile	1226	SF		
608	Carpet base	2101	LF		
609	Porcelain tile base	771	LF		
	<b>Ceiling as:</b>				
610	1 Layer (5/8") Type X Painted Gypsum board	9693	SF		
611	1/2" Resilient channels @ 12" OC	9693	SF		
612	Insulation	9693	SF		
	<b>Queen Queen Suite Guestroom</b>				
613	Wall covering	1201	SF		
614	Cast polymer	84	SF		
615	Carpet	424	SF		
616	Porcelain tile	43	SF		
617	Carpet base	108	LF		
618	Porcelain tile base	23	LF		
	<b>Ceiling as:</b>				
619	1 Layer (5/8") Type X Painted Gypsum board	495	SF		
620	1/2" Resilient channels @ 12" OC	495	SF		
621	Insulation	495	SF		
	<b>Accessible King w/ Shower Guestroom</b>				
622	Wall covering	944	SF		
623	Cast polymer	88	SF		
624	Carpet	245	SF		
625	Porcelain tile	50	SF		
626	Carpet base	73	LF		
627	Porcelain tile base	25	LF		

	<b>Ceiling as:</b>				
628	1 Layer (5/8") Type X Painted Gypsum board	320	SF		
629	1/2" Resilient channels @ 12" OC	320	SF		
630	Insulation	320	SF		
	<b>Accessible King w/ Tub Guestroom</b>				
631	Wall covering	944	SF		
632	Cast polymer	88	SF		
633	Carpet	245	SF		
634	Porcelain tile	50	SF		
635	Carpet base	73	LF		
636	Porcelain tile base	25	LF		
	<b>Ceiling as:</b>				
637	1 Layer (5/8") Type X Painted Gypsum board	320	SF		
638	1/2" Resilient channels @ 12" OC	320	SF		
639	Insulation	320	SF		
	<b>Accessible Queen Queen w/ Tub Guestroom</b>				
640	Wall covering	1030	SF		
641	Cast polymer	81	SF		
642	Carpet	302	SF		
643	Porcelain tile	54	SF		
644	Carpet base	83	LF		
645	Porcelain tile base	25	LF		
	<b>Ceiling as:</b>				
646	1 Layer (5/8") Type X Painted Gypsum board	385	SF		
647	1/2" Resilient channels @ 12" OC	385	SF		
648	Insulation	385	SF		
	<b>Accessible King Suite w/ Tub Guestroom</b>				
649	Wall covering	1363	SF		
650	Cast polymer	80	SF		
651	Carpet	403	SF		
652	Porcelain tile	54	SF		
653	Carpet base	108	LF		
654	Porcelain tile base	23	LF		
	<b>Ceiling as:</b>				
655	1 Layer (5/8") Type X Painted Gypsum board	485	SF		
656	1/2" Resilient channels @ 12" OC	485	SF		

657	Insulation	485	SF		
	<b>Accessible Queen Queen Suite w/ Tub Guestroom</b>				
658	Wall covering	1363	SF		
659	Cast polymer	80	SF		
660	Carpet	403	SF		
661	Porcelain tile	54	SF		
662	Carpet base	108	LF		
663	Porcelain tile base	23	LF		
	<b>Ceiling as:</b>				
664	1 Layer (5/8") Type X Painted Gypsum board	485	SF		
665	1/2" Resilient channels @ 12" OC	485	SF		
666	Insulation	485	SF		
	<b>Stair Well</b>				
	<b>Walls</b>				
	<b>Wall Type A43 as:</b>				
667	(1-1/2") Furring channels @ 24" OC	3280	SF		
668	(5/8") Type 'X' Gypsum board	3280	SF		
669	Acoustical Sealant	445	LF		
	<b>Wall Type H3 as:</b>				
670	(1-1/2") Furring channels @ 24" OC	2444	SF		
671	2x6 Studs @ 16" OC	2444	SF		
672	(5/8") Type 'X' Gypsum board	4636	SF		
673	(5-1/2") Sound attenuation batt insulation	2318	SF		
674	Top and bottom plate	498	LF		
675	Acoustical Sealant	663	LF		
	<b>Wall Finishes</b>				
676	Paint Walls	5400	SF		
	<b>Ceiling</b>				
677	(5/8") Gypsum board	2560	SF		
678	3/4" Hat shaped Rigid Furring Channels @ 24" OC	480	SF		
679	Paint	400	SF		
680	Insulation	480	SF		
	<b>Flooring</b>				
681	Carpet	1272	SF		
	<b>Elevator</b>				
	<b>Walls</b>				

		<b>Wall Type H1 as:</b>				
682		(1-1/2") Furring channels @ 24" OC	2689	SF		
683		(5/8") Type 'X' Gypsum board	2689	SF		
684		Acoustical Sealant	323	LF		
		<b>Elevator Over run Enclosure as:</b>				
685		2x6 Studs @ 16" OC	320	SF		
686		(5/8") Sheathing	320	SF		
687		(1-1/2") Insulation Board	320	SF		
		<b>Wall Finishes</b>				
688		Paint Walls	2689	SF		
		<b>Ceiling</b>				
689		(5/8") Gypsum board	608	SF		
690		3/4" Hat shaped Rigid Furring Channels @ 24" OC	155	SF		
691		Paint	155	SF		
692		Insulation	155	SF		
		<b>Exterior</b>				
693		Cement Board Siding	4117	SF		
694		Cultured Stone	702	SF		
695		Stone Coping	56	LF		
696		EIFS	24644	SF		
		<b>Subtotal (Finishes)</b>				<b>\$0</b>
<b>100000</b>		<b>DIVISION 10- SPECIALITIES</b>				
697		Elevator	2	LOC		
698		signage	9	EA		
699		Roof shade canopy	1	EA		
700		Signage w/ blocking	1	EA		
701		sunshade	1	EA		
702		entry canopy	1	EA		
703		Recessed Walk Off Mat w/ Frame	4	EA		
704		Lounge screen	26	LF		
705		Mirror @ Banquette	5	EA		
706		Employee depository safe	1	EA		
707		Lockers	8	EA		
708		Glass writing panel	1	EA		
709		Stairway identification signage	8	EA		

710	Signage	1	EA		
711	Solar shade	17	EA		
712	TV or glass writing board	1	EA		
713	Mirror	1	EA		
	<b>Backsplash</b>				
714	4" Plam backsplash	18	LF		
715	Plastic laminate backsplash	10	LF		
716	Stone backsplash	10	LF		
717	Vanity backsplash	8	LF		
718	2" Backsplash	11	LF		
	<b>Countertop</b>				
719	Stone countertop	35	SF		
720	Plastic laminate countertop	20	SF		
721	Stone countertop	16	SF		
722	Vanity Stone countertop	13	SF		
723	Quartz counter	10	SF		
724	Plastic laminate countertop	22	SF		
725	Solid surface countertop	15	SF		
	<b>Communal Table</b>				
726	Stone Countertop	48	SF		
727	Plywood backer	48	SF		
728	Plywood panel	48	SF		
729	Steel Framing	40	SF		
730	4" Wood veneer Apron	30	SF		
731	(1/4") Hardwood veneer planks	54	SF		
732	(3/4") Plywood backing	54	SF		
	<b>Toilet Accessories</b>				
733	Towel Bar	91	EA		
734	Hand Towel Bar	93	EA		
735	Medicine Cabinet	91	EA		
736	Tooth Brush Holder	91	EA		
737	Surface Mounted Soap Dish	93	EA		
738	Surface Mounted Robe Hook	93	EA		
739	Tissue Paper Holder	93	EA		
740	Trash Can	93	EA		
741	Soap Dispenser	93	EA		

742	Mirror	93	EA			
743	Horizontal Grab Bar	93	EA			
744	Vertical Grab Bar	93	EA			
	<b>Subtotal (Specialities)</b>					<b>\$0</b>
<b>110000 DIVISION 11- EQUIPMENT</b>						
745	Ice machine	4	EA			
746	Vending machines	3	EA			
747	Hydration equipment	1	EA			
748	ATM	1	EA			
	<b>Food Service Equipments</b>					
749	Spray rinse	1	EA			
750	Under counter dishwasher	1	EA			
751	Pot rack w/ wall shelf	1	EA			
752	Two door reaching refrigerator	2	EA			
753	Freezer	2	EA			
754	Oatmeal cooker	1	EA			
755	Buffet warmers	2	EA			
756	Coffee Brewer	1	EA			
757	Microwave oven	4	EA			
758	Waffle iron	2	EA			
759	Juice chiller	1	EA			
760	Bread Display	2	EA			
761	Waste chute	1	EA			
762	Buffet counter	85	SF			
763	Display shields	1	EA			
	<b>Corner Market Equipments</b>					
764	Lockable refrigerator	1	EA			
765	Dry millwork case	1	EA			
766	Refrigerator	1	EA			
767	(8'-0"H) Wine display storage	3	EA			
	<b>Laundry Equipments</b>					
768	Washer/Extractor	4	EA			
769	Electric dryer	1	EA			
770	Gas dryer	2	EA			
771	Mobile Trucks	3	EA			

772	Mobile shelves	1	EA			
773	Chemical system	1	EA			
774	Shelves	1	EA			
775	Helping hand	1	EA			
776	Clean Linen carrier	1	EA			
	<b>Subtotal (Equipment)</b>					<b>\$0</b>
<b>210000 DIVISION 21- FIRE SUPPRESSION</b>						
777	Fire extinguisher cabinet	13	EA			
778	Fire extinguisher	8	EA			
	<b>Subtotal (Fire Suppression)</b>					<b>\$0</b>
<b>220000 DIVISION 22- PLUMBING</b>						
	<b>Waste</b>					
	<b>First Floor</b>					
779	Grade clean out	5	EA			
780	Floor clean out	3	EA			
781	Floor drain	13	EA			
782	Dry well	9	EA			
783	1" Condensate drain	3	EA			
784	6" Overflow drain	4	EA			
785	Grease trap	1	EA			
786	Sump pump	1	EA			
787	Lint trough	1	EA			
788	4" Inlet Sample Well	1	EA			
789	4" Floor Sink	1	EA			
790	6" Floor Sink	1	EA			
791	FS-1 Floor sink	4	EA			
792	4" Roof Drain	2	EA			
793	1" Sanitary pipe	187	LF			
794	2" Sanitary pipe	108	LF			
795	4" Sanitary pipe	678	LF			
796	6" Sanitary pipe	297	LF			
797	Vent Pipe	523	LF			
798	1" PE Gas Pipe	212	LF			
799	Water Closet	12	EA			



800	Lavatory	12	EA		
801	Sink	1	EA		
802	Shower Enclosure (P4)	8	EA		
803	Shower Enclosure (P4A)	1	EA		
804	Tub	1	EA		
805	Laundry Sink	3	EA		
806	Emergency eye wash	3	EA		
807	PX Plumbing fixture	1	EA		
808	Plug valve	2	EA		
809	Roof drain	280	LF		
810	overflow drain	169	LF		
	<b>Second Floor</b>				
811	Water Closet	27	EA		
812	Lavatory	27	EA		
813	Shower Enclosure (P4)	21	EA		
814	Tub (P4B)	4	EA		
815	Tub (P4C)	2	EA		
816	4" Roof Drain	5	EA		
817	4" Overflow drain	3	EA		
818	Floor drain	1	EA		
819	Floor sink	1	EA		
820	2" Waste pipe	737	LF		
821	2" Vent pipe	517	LF		
822	4" Waste Pipe	351	LF		
823	Roof Drain	60	LF		
824	Overflow drain	58	LF		
825	6" Roof Drain	40	LF		
826	6" Overflow drain	40	LF		
827	4" Roof Drain	54	LF		
828	4" Overflow drain	54	LF		
829	1" condensate drain	354	LF		
	<b>Third Floor</b>				
830	Water Closet	27	EA		
831	Lavatory	27	EA		
832	Shower Enclosure (P4)	22	EA		
833	Tub (P4B)	5	EA		

834	Tub (P4C)	1	EA		
835	2" Vent Pipe	529	LF		
836	2" Waste pipe	595	LF		
837	4" Waste Pipe	351	LF		
838	Floor drain	1	EA		
839	Floor sink	1	EA		
840	6" Overflow drain	39	LF		
841	6" Roof drain	39	LF		
842	4" Overflow drain	26	LF		
843	4" Roof drain	26	LF		
844	1" condensate drain	354	LF		
	<b>Fourth Floor</b>				
845	Water Closet	27	EA		
846	Lavatory	27	EA		
847	Shower Enclosure (P4)	22	EA		
848	Tub (P4B)	5	EA		
849	Tub (P4C)	1	EA		
850	2" Vent Pipe	529	LF		
851	2" Waste pipe	676	LF		
852	4" Waste pipe	351	LF		
853	Floor drain	1	EA		
854	Floor sink	1	EA		
855	6" Overflow drain	39	LF		
856	6" Roof drain	39	LF		
857	4" Overflow drain	32	LF		
858	4" Roof drain	32	LF		
859	1" condensate drain	353.7	LF		
860	Roof drain	13	LF		
861	overflow drain	10	LF		
	<b>Roof</b>				
862	Gas pipe	61	LF		
863	2" Vent Pipe	123	LF		
864	3" Vent Pipe	915	LF		
865	4" Vent Pipe	61	LF		
866	4" Roof drain	2	EA		
867	4" Overflow drain	2	EA		

868	6" Roof drain	2	EA		
869	6" Overflow drain	2	EA		
870	Gas pressure control regulator	1	EA		
871	1" MPG pipe	121	LF		
	<b>Supply</b>				
	<b>First Floor</b>				
872	Trap primer	2	EA		
873	Butterfly valve	24	EA		
874	Watts mixing valve	1	EA		
875	3/4" Cold Water	98	LF		
876	3" Cold Water	437	LF		
877	1/2" Cold Water	326	LF		
878	1-1/4" Cold Water	345	LF		
879	3/4" Hot Water	147	LF		
880	1/2" Hot Water	342	LF		
881	3" Hot Water	181	LF		
882	1-1/4" Hot Water	655	LF		
883	1"Hot Water	27	LF		
884	Domestic pump	1	EA		
885	Fire pump	1	EA		
886	Thermostatic mixing valve	2	EA		
887	Balancing valve	1	EA		
888	Gas meter	1	EA		
889	Gas pressure control regulator	1	EA		
890	Plug valve	2	EA		
891	3" Gas line	45.05	LF		
892	2" Gas line	149.82	LF		
893	elevator sump pump	2	EA		
894	water softener system	1	EA		
	<b>Second Floor</b>				
895	1/2" Cold Water	785	LF		
896	1/2" Hot Water	756	LF		
	<b>Third Floor</b>				
897	1/2" Cold Water	785	LF		
898	1/2" Hot Water	756	LF		
	<b>Fourth Floor</b>				

899	1/2" Cold Water	520	LF			
900	1/2" Hot Water	486	LF			
	<b>Subtotal (Plumbing)</b>					<b>\$0</b>

<b>230000</b>	<b>DIVISION 23- HEATING, VENTILATING &amp; AIR-CONDITIONING</b>					
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<b>First Floor</b>						
901	(12x12) Supply Air Diffuser 100 CFM	1	EA			
902	(12x12) Supply Air Diffuser 50 CFM	2	EA			
903	(12x12) Louver 25 CFM	10	EA			
904	(12x12) Louver 150 CFM	1	EA			
905	(12x12) Exhaust Register 100 CFM	4	EA			
906	(18x18) Exhaust Register 600 CFM	1	EA			
907	(18x18) Exhaust Register 400 CFM	1	EA			
908	(24x24) Supply Air Diffuser 40 CFM	2	EA			
909	(24x24) Supply Air Diffuser 125 CFM	11	EA			
910	(24x24) Supply Air Diffuser 150 CFM	7	EA			
911	(24x24) Supply Air Diffuser 180 CFM	3	EA			
912	(24x24) Supply Air Diffuser 200 CFM	6	EA			
913	(24x24) Supply Air Diffuser 250 CFM	4	EA			
914	(24x24) Exhaust Register 300 CFM	1	EA			
915	(24x24) Return Grille	7	EA			
916	(48x6x10) Supply Register 216 CFM	6	EA			
917	(48x6x10) Supply Register 260 CFM	5	EA			
918	(48x6x10) Supply Register 305 CFM	2	EA			
919	Split System 3Ton	4	EA			
920	Split System 2Ton	1	EA			
921	Split System 3/4Ton	3	EA			
922	Exhaust Fan (600 CFM)	1	EA			
923	Exhaust Fan (450 CFM)	1	EA			
924	Exhaust Fan (150 CFM)	1	EA			
925	Electric Unit Heater	3	EA			
926	Fire Damper	10	EA			
927	Package Terminal Air Conditioning Unit	10	EA			
928	Thermostat	11	EA			
929	Vent Dryer	1	EA			
930	36"X48" Air Louver	1	EA			

931	8x10	102	LF		
932	12x10	125	LF		
933	14x14	35	LF		
934	12"Dia. Duct	59	LF		
935	16x12	85	LF		
936	14x12	37	LF		
937	20x12	32	LF		
938	16x14	101	LF		
939	12x12	18	LF		
940	8"Dia. Duct	131	LF		
941	6"Dia. Duct	84	LF		
942	4"Dia. Duct	43	LF		
943	24x24	11	LF		
944	Balancing Damper	37	EA		
	<b>Second Floor</b>				
945	12x12 Intake Louver 25 CFM	27	EA		
946	12X12 Supply diffuser 30CFM	2	EA		
947	24x24 Supply diffuser 120 CFM	1	EA		
948	24x24 Supply diffuser 140 CFM	3	EA		
949	12x12 Intake Louver 150 CFM	1	EA		
950	Split System 4Ton	3	EA		
951	Thermostat	1	EA		
952	Air conditioning unit	27	EA		
953	Exhaust Fan 150 CFM	1	EA		
954	Fire Damper	3	EA		
955	4" Dia. Duct	103	LF		
956	10x10	103	LF		
957	12x10	6	LF		
958	8" Dia. Duct	51	LF		
	<b>Third Floor</b>				
959	12x12 Intake Louver 25 CFM	27	EA		
960	12X12 Louver 150 CFM	1	EA		
961	24x24 Supply diffuser 120 CFM	1	EA		
962	24x24 Supply diffuser 140 CFM	3	EA		
963	Exhaust Fan 150 CFM	1	EA		
964	Air conditioning unit	27	EA		

965	Thermostat	1	EA			
966	Split System 4Ton	1	EA			
967	Fire Damper	1	EA			
968	Damper	4	EA			
969	10x10	94	LF			
970	12x10	77	LF			
971	4" Dia. Duct	35	LF			
	<b>Fourth Floor</b>					
972	12x12 Intake Louver 25 CFM	27	EA			
973	12X12 Louver 150 CFM	1	EA			
974	24x24 Supply diffuser 120 CFM	1	EA			
975	24x24 Supply diffuser 140 CFM	3	EA			
976	Exhaust Fan 150 CFM	1	EA			
977	Air conditioning unit	27	EA			
978	Thermostat	1	EA			
979	Split System 4Ton	1	EA			
980	Fire Damper	1	EA			
981	Damper	4	EA			
982	10x10	94	LF			
983	12x10	77	LF			
984	4" Dia. Duct	35	LF			
	<b>Roof</b>					
985	Exhaust Fan @ Roof curb	16	EA			
986	22x20	6	LF			
	<b>Subtotal (Heating, Ventilating &amp; Air-Conditioning)</b>					<b>\$0</b>

Star Estimating

260000

## DIVISION 26- ELECTRICAL

## First Floor

## Lighting

987	Exterior Accent LED (100 LUMEN/ft.)	1	EA			
988	B01	8	EA			
989	2x2 LED Troffer	23	EA			
990	2x4 LED Troffer	21	EA			
991	2x2 LED Troffer	6	EA			
992	ccsc	2	EA			
993	Ceiling Mounted Light	4	EA			
994	Pendant LED light 13W	1	EA			
995	Pendant LED light 10W	1	EA			
996	Pendant LED light 10W	1	EA			
997	Pendant LED light 5W	1	EA			
998	Pendant LED light 10W	1	EA			
999	Pendant LED light 5W	1	EA			
1000	Pendant LED light 10W	1	EA			
1001	Pendant LED light 10W	3	EA			
1002	Pendant LED light 10W	11	EA			
1003	Pendant LED light 16W	6	EA			
1004	Emergency Lighting Fixture w/ Battery Pack	32	EA			
1005	Under cabinet light	8	EA			
1006	24" LED Light 28W	1	EA			
1007	24" LED Light 36W	27	EA			
1008	Cove light	14	EA			
1009	24" Surface wrap LED Light	16	EA			
1010	LED Strip light 24W	1	EA			
1011	Stairwell Sconce	6	EA			
1012	Lighting controls	1	EA			
1013	Master lighting control station	1	EA			
1014	Occupancy sensor	9	EA			
1015	PC (detail not given)	1	EA			
1016	4" Recessed LED light	2	EA			
1017	2" Down light	2	EA			
1018	Emergency Down light	51	EA			
1019	R74	3	EA			



1020	4" Down light	20	EA		
1021	R76	2	EA		
1022	4" Down light	18	EA		
1023	4" Down light	5	EA		
1024	4" Down light	14	EA		
1025	4" Down light 12W	33	EA		
1026	Switch	26	EA		
1027	Wall box dimmer	3	EA		
1028	Wall mounted exit sign	18	EA		
1029	Tempered glass LED Light	11	EA		
1030	4" Exterior Recessed LED Down light	2	EA		
1031	Tempered glass LED Light	4	EA		
1032	Exterior Accent LED (100 LUMEN/ft.)	1	EA		
1033	Tempered glass LED Light	9	EA		
1034	Tempered glass LED Light	1	EA		
1035	4" Exterior Soffit down light	33	EA		
1036	4" Recessed LED Porte light	9	EA		
1037	Tempered glass LED Light	11	EA		
	<b>Electrical work</b>				
1038	Duplex outlet	106	EA		
1039	GFI Outlet	7	EA		
1040	Junction box	9	EA		
1041	Magnet	7	EA		
1042	Card Reader	7	EA		
1043	Telephone Outlet	40	EA		
1044	Starter/Disconnect	29	EA		
1045	Weather proof GFI Outlet	10	EA		
1046	Motor	9	EA		
1047	CATV Outlet	13	EA		
1048	Carbon monoxide sensor and alarm	2	EA		
1049	Sump Pump outlet	1	EA		
1050	Fire Alarm Control Panel	3	EA		
1051	4plex Outlet	31	EA		
1052	Data Outlet	27	EA		
1053	ic c	2	EA		
1054	Panel board	8	EA		

1055	Smoke detector	3	EA		
1056	Pumps	2	EA		
1057	MSB/MSW	2	EA		
	<b>Second Floor</b>				
	<b>Lighting</b>				
1058	Pendant LED light 16W	13	EA		
1059	Emergency Lighting Fixture w/ Battery Pack	16	EA		
1060	Wall mounted exit sign	6	EA		
1061	24" LED Light 36W	11	EA		
1062	Stairwell Sconce	6	EA		
1063	Emergency Down light	10	EA		
1064	4" Down light	21	EA		
1065	4" Down light	27	EA		
1066	4" Down light	4	EA		
1067	Switch	4	EA		
	<b>Electrical</b>				
1068	DH	2	EA		
1069	Duplex Outlet	14	EA		
1070	Motor	1	EA		
1071	Telephone Outlet	1	EA		
1072	4plex Outlet	4	EA		
1073	starter / disconnect	3	EA		
1074	Data Outlet	1	EA		
1075	Panel	8	EA		
1076	CATV board	2	EA		
1077	Data Board	1	EA		
1078	Telephone Outlet board	1	EA		
	<b>Third Floor</b>				
	<b>Lighting</b>				
1079	Pendant LED light 16W	13	EA		
1080	Emergency Lighting Fixture w/ Battery Pack	16	EA		
1081	Wall mounted exit sign	6	EA		
1082	24" LED Light 36W	11	EA		
1083	Stairwell Sconce	6	EA		
1084	Emergency Down light	10	EA		
1085	4" Down light	21	EA		

1086	4" Down light	27	EA		
1087	4" Down light	4	EA		
1088	Switch	4	EA		
	<b>Electrical</b>				
1089	DH	2	EA		
1090	Duplex Outlet	14	EA		
1091	Motor	1	EA		
1092	Telephone Outlet	1	EA		
1093	4plex Outlet	4	EA		
1094	starter / disconnect	3	EA		
1095	Data Outlet	1	EA		
1096	Panel	8	EA		
1097	CATV board	2	EA		
1098	Data Board	1	EA		
1099	Telephone Outlet board	1	EA		
	<b>Fourth Floor</b>				
	<b>Lighting</b>				
1100	Pendant LED light 16W	13	EA		
1101	Emergency Lighting Fixture w/ Battery Pack	16	EA		
1102	Wall mounted exit sign	6	EA		
1103	24" LED Light 36W	11	EA		
1104	Stairwell Sconce	6	EA		
1105	Emergency Down light	10	EA		
1106	4" Down light	21	EA		
1107	4" Down light	27	EA		
1108	4" Down light	4	EA		
1109	Switch	4	EA		
	<b>Electrical</b>				
1110	DH	2	EA		
1111	Duplex Outlet	8	EA		
1112	Motor	1	EA		
1113	Telephone Outlet	2	EA		
1114	4plex Outlet	5	EA		
1115	starter / disconnect	3	EA		
1116	Data Outlet	2	EA		
1117	Panel	8	EA		

1118	CATV board	2	EA		
1119	Data Board	1	EA		
1120	Telephone Outlet board	1	EA		
	<b>Roof</b>				
1121	Motor	17	EA		
1122	Junction Box	3	EA		
1123	Waterproof GFI Outlet	1	EA		
	<b>Guestrooms</b>				
	<b>King Guestroom</b>				
1124	Wall mounted LED light	1	EA		
1125	Recessed Light	1	EA		
1126	4" Recessed down light	1	EA		
1127	Duplex Outlet	12	EA		
1128	GFI Duplex Outlet	1	EA		
1129	Switch	4	EA		
1130	Wall mounted LED light	1	EA		
1131	4plex Outlet	2	EA		
1132	Data Outlet	1	EA		
1133	CATV Outlet	1	EA		
	<b>King Suite Guestroom</b>				
1134	Wall mounted LED light	36	EA		
1135	Recessed Light	36	EA		
1136	4" Recessed down light	36	EA		
1137	Duplex Outlet	432	EA		
1138	GFI Duplex Outlet	36	EA		
1139	Switch	144	EA		
1140	Wall mounted LED light	36	EA		
1141	4plex Outlet	72	EA		
1142	Data Outlet	36	EA		
1143	CATV Outlet	36	EA		
	<b>King Suite Guestroom</b>				
1144	Wall mounted LED light	20	EA		
1145	Recessed Light	20	EA		
1146	4" Recessed down light	20	EA		
1147	Duplex Outlet	240	EA		
1148	GFI Duplex Outlet	20	EA		

1149	Switch	80	EA		
1150	Wall mounted LED light	20	EA		
1151	4plex Outlet	40	EA		
1152	Data Outlet	20	EA		
1153	CATV Outlet	20	EA		
	<b>Queen Queen Guestroom</b>				
1154	Wall mounted LED light	29	EA		
1155	Recessed Light	29	EA		
1156	4" Recessed down light	29	EA		
1157	Duplex Outlet	348	EA		
1158	GFI Duplex Outlet	29	EA		
1159	Switch	116	EA		
1160	Wall mounted LED light	29	EA		
1161	4plex Outlet	58	EA		
1162	Data Outlet	29	EA		
1163	CATV Outlet	29	EA		
	<b>Queen Queen Suite Guestroom</b>				
1164	Wall mounted LED light	1	EA		
1165	Recessed Light	1	EA		
1166	4" Recessed down light	1	EA		
1167	Duplex Outlet	12	EA		
1168	GFI Duplex Outlet	1	EA		
1169	Switch	4	EA		
1170	Wall mounted LED light	1	EA		
1171	4plex Outlet	2	EA		
1172	Data Outlet	1	EA		
1173	CATV Outlet	1	EA		
	<b>Accessible King w/ Shower Guestroom</b>				
1174	CATV Outlet	1	EA		
1175	Data Outlet	1	EA		
1176	4plex Outlet	2	EA		
1177	Duplex Outlet	13	EA		
1178	LED Light	2	EA		
1179	Switch	4	EA		
1180	GFI Outlet	1	EA		
1181	4" Recessed down light	1	EA		

1182	Recessed Light	1	EA		
1183	Door bell	1	EA		
1184	Fire alarm strobe	2	EA		
1185	Door bell strobe	2	EA		
1186	Junction Box	1	EA		
1187	Curtain control switch	1	EA		
	<b>Accessible King w/ Tub Guestroom</b>				
1188	CATV Outlet	1	EA		
1189	Data Outlet	1	EA		
1190	4plex Outlet	2	EA		
1191	Duplex Outlet	13	EA		
1192	LED Light	2	EA		
1193	Switch	4	EA		
1194	GFI Outlet	1	EA		
1195	4" Recessed down light	1	EA		
1196	Recessed Light	1	EA		
1197	Door bell	1	EA		
1198	Fire alarm strobe	2	EA		
1199	Door bell strobe	2	EA		
1200	Junction Box	1	EA		
1201	Curtain control switch	1	EA		
	<b>Accessible King Suite w/ Tub Guestroom</b>				
1202	CATV Outlet	1	EA		
1203	Data Outlet	1	EA		
1204	4plex Outlet	2	EA		
1205	Duplex Outlet	13	EA		
1206	LED Light	2	EA		
1207	Switch	4	EA		
1208	GFI Outlet	1	EA		
1209	4" Recessed down light	1	EA		
1210	Recessed Light	1	EA		
1211	Door bell	1	EA		
1212	Fire alarm strobe	2	EA		
1213	Door bell strobe	2	EA		
1214	Junction Box	1	EA		
1215	Curtain control switch	1	EA		



		<b>Accessible Queen Queen w/ Tub Guestroom</b>					
1216		CATV Outlet	1	EA			
1217		Data Outlet	1	EA			
1218		4plex Outlet	2	EA			
1219		Duplex Outlet	13	EA			
1220		LED Light	2	EA			
1221		Switch	4	EA			
1222		GFI Outlet	1	EA			
1223		4" Recessed down light	1	EA			
1224		Recessed Light	1	EA			
1225		Door bell	1	EA			
1226		Fire alarm strobe	2	EA			
1227		Door bell strobe	2	EA			
1228		Junction Box	1	EA			
1229		Curtain control switch	1	EA			
		<b>Accessible Queen Queen Suite w/ Tub Guestroom</b>					
1230		CATV Outlet	1	EA			
1231		Data Outlet	1	EA			
1232		4plex Outlet	2	EA			
1233		Duplex Outlet	13	EA			
1234		LED Light	2	EA			
1235		Switch	4	EA			
1236		GFI Outlet	1	EA			
1237		4" Recessed down light	1	35			
1238		Recessed Light	1	EA			
1239		Door bell	1	EA			
1240		Fire alarm strobe	2	EA			
1241		Door bell strobe	2	EA			
1242		Junction Box	1	EA			
1243		Curtain control switch	1	EA			
		<b>Subtotal (Electrical)</b>					<b>\$0</b>
<b>SUBTOTAL</b>							
<b>OVERHEAD</b>			<b>18%</b>				<b>\$0.00</b>
<b>INSURANCE</b>			<b>3%</b>				<b>\$0.00</b>

CONTINGENCY

5%

\$0.00

TOTAL BASE BID

\$0.00



Star Estimating