



SR #	DRAWING#	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASUREMENT	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
DIV. 01 GENERAL CONDITIONS										\$ 3,500,000
1			PERMITS, SITE SUPERVISION, FINAL CLEANUP, INSURANCE ETC.	1	0%	1	LS	#####	\$ 3,500,000	
DIV. 03 CONCRETE										\$ 6,648,199
FOOTING										
<i>World Estimating</i>										
SQUARE FOOTING										
2			3F6.5: 6'-6" x 6'-6" x 2'-6"D FOOTING W/5#11 AT BOTTOM EW NO. OF FOOTINGS= 1	4	10%	4	CY	800	\$ 3,443	
3			3F12.5: 12'-6" x 12'-6" x 3'-0"D FOOTING W/11#11 AT BOTTOM EW NO. OF FOOTINGS= 8	139	10%	153	CY	800	\$ 122,222	
4	FO-100, FO-200		3F14.5: 14'-6" x 14'-6" x 3'-6"D FOOTING W/15#11 AT BOTTOM EW NO. OF FOOTINGS= 5	136	10%	150	CY	800	\$ 119,920	
5			3F15.5: 15'-6" x 15'-6" x 4'-0"D FOOTING W/16#11 AT BOTTOM EW NO. OF FOOTINGS= 1	36	10%	39	CY	800	\$ 31,321	
RECTANGULAR FOOTING										
6			3F12x5: 12'-0" x 5'-0" x 2'-6"D FOOTING W/5#11 LONG & 10#9 SHORT BARS NO. OF FOOTINGS= 4	22	10%	24	CY	800	\$ 19,556	
7			3F14x12: 14'-0" x 12'-0" x 3'-2"D FOOTING W/12#11 LONG & 11#11 SHORT BARS NO. OF FOOTINGS= 1	20	10%	22	CY	800	\$ 17,358	
8	FO-100, FO-200		3F12.5x22: 12'-6" x 22'-0" x 4'-0"D FOOTING W/22#10 LONG & 18#11 SHORT BARS NO. OF FOOTINGS= 1	41	10%	45	CY	800	\$ 35,852	
9			3F16x18: 16'-0" x 18'-0" x 4'-0"D FOOTING W/20#11 LONG & 20#11 SHORT BARS NO. OF FOOTINGS= 1	43	10%	47	CY	800	\$ 37,547	
<i>World Estimating</i>										
MATT										
10			36" MAT FOUNDATION	205	10%	226	CY	800	\$ 180,400	

11	FO-100, FO-204, FO-205	42" MAT FOUNDATION	492	10%	541	CY	800 \$	432,960
12		48" MAT FOUNDATION	677	10%	745	CY	800 \$	595,760
		SLAB	<i>World Estimating</i>					
13		5" SLAB ON GRADE W/W.W.F., 2#5 CONTINUOUS BARS & 6" GRAVEL BASE	23951	10%	26346	SF	7.8 \$	205,500
14		8" THK. SLAB W/REINFORCEMENT	1943	10%	2137	SF	7.8 \$	16,667
15		9" THK. SLAB W/REINFORCEMENT	90991	10%	100091	SF	7.8 \$	780,707
16		10" RAMP SLAB W/#5@10" TOP & BOTTOM EACH WAY	1207	10%	1328	SF	7.8 \$	10,356
17		10" THK. SLAB W/#4@10 CONT. BOTTOM REINFORCEMENT	456	10%	502	SF	7.8 \$	3,912
18	FO-100, FO-200, A210	11" CONCRETE SLAB W/#4@10 CONTINUOUS BOTTOM EACH WAY	26266	10%	28893	SF	7.8 \$	225,363
19		12" CONCRETE SLAB W/#5@6" T&B EACH WAY	42469	10%	46715	SF	7.8 \$	364,380
20		12" CONCRETE PIT SLAB W/#4@12" EACH WAY EACH FACE	305	10%	336	SF	7.8 \$	2,617
21		14"-16" THK. SLAB W/REINFORCEMENT	3592	10%	3951	SF	7.8 \$	30,819
22		18" CONCRETE SLAB W/#6@6 TOP & BOTTOM EACH WAY	22906	10%	25196	SF	7.8 \$	196,530
23		18"x18" CAPITAL	101	10%	111	SF	7.8 \$	869
		WALLS	<i>World Estimating</i>					
24		0'-8" CONCRETE WALL W/REINFORCEMENT	79	10%	87	CY	800 \$	69,442
25		0'-10" CONCRETE WALL W/REINFORCEMENT	122	10%	134	CY	800 \$	107,396
26		1'-0" CONCRETE PIT WALL W/#6@6 EW EF EXPOXY COATED BARS	53	10%	59	CY	800 \$	46,884
27		1'-0" CONCRETE WALL W/#6@6 EW EF EXPOXY COATED BARS	191	10%	210	CY	800 \$	168,178
28	FO-100, FO-304	1'-4" FOUNDATION WALL W/REINFORCEMENT	607	10%	668	CY	800 \$	534,049
29		1'-4" FOUNDATION WALL UNDER RAMP W/#6@12 EA EF @ (2)#11 TOP & BOTTOM	45	10%	49	CY	800 \$	39,360
30		2'-0" FOUNDATION WALL W/REINFORCEMENT	13	10%	15	CY	800 \$	11,733
		COLUMNS	<i>World Estimating</i>					
31		50"x50" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	10	10%	11	CY	800 \$	8,501
32		24"x36" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=14	47	10%	51	CY	800 \$	41,067
33		46"x28" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=5	25	10%	27	CY	800 \$	21,814
34		32"x26" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	3	10%	4	CY	800 \$	2,833
35		28"x24" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=6	16	10%	17	CY	800 \$	13,669
36		30"x28" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=4	13	10%	14	CY	800 \$	11,391
37		26"x30" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	3	10%	3	CY	800 \$	2,652
38		28"x22.5" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=2	5	10%	5	CY	800 \$	4,260
39		32"x18.5" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=2	5	10%	5	CY	800 \$	4,020

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40		28"x28" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=2	6	10%	7	CY	800 \$	5,308
41		56"x28" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	6	10%	7	CY	800 \$	5,320
42		106"x30" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	12	10%	13	CY	800 \$	10,792
43		27"x51" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	5	10%	6	CY	800 \$	4,675
44		20"x28" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=14	30	10%	33	CY	800 \$	26,632
45		20"x20" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=71	110	10%	121	CY	800 \$	96,806
46	FO-100, S010-S070	20"x24" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=4	7	10%	8	CY	800 \$	6,532
47		20"x14" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	1	10%	1	CY	800 \$	955
48		20"x30" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=11	26	10%	28	CY	800 \$	22,452
49		12"x24" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	1	10%	1	CY	800 \$	978
50		22" DIA COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	1	10%	2	CY	800 \$	1,272
51		24"x16" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=8	12	10%	13	CY	800 \$	10,404
52		30"x12" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	1	10%	2	CY	800 \$	1,222
53		50"x20" COLUMN W/REINFORCEMENT NO. OF COLUMNS@15'-0" HT=1	4	10%	4	CY	800 \$	3,405
54		18" DIA COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=6	4	10%	4	CY	800 \$	3,456

55		14"x28" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=180	182	10%	200	CY	800 \$	159,931
56		20"x28" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=7	10	10%	11	CY	800 \$	8,877
57		14"x14" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT==6	3	10%	3	CY	800 \$	2,677
58		12"x24" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=229	170	10%	187	CY	800 \$	149,274
59		15"x20" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=1	1	10%	1	CY	800 \$	680
60		24"x16" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=20	20	10%	22	CY	800 \$	17,339
61		12"x14" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=5	2	10%	2	CY	800 \$	1,907
62		12"x12" COLUMN W/REINFORCEMENT NO. OF COLUMNS@10'-0" HT=1	0.4	10%	0	CY	800 \$	326
		BEAMS						
63		8"x24" BEAM W/2#11 CONT. BOTTOM, 2#8 CONT TOP & #4 STIRRUPS	1	10%	1	CY	800 \$	830
64		20"x24" BEAM W/2#11 CONT. BOTTOM, 2#8 CONT TOP & #4 STIRRUPS	3	10%	3	CY	800 \$	2,504
65		12"x24" BEAM W/3#11 CONT. BOTTOM, 2#8 CONT TOP & #4 STIRRUPS	2	10%	2	CY	800 \$	1,695
66		12"x30" BEAM W/3#8 CONT. BOTTOM, 3#11 CONT TOP & #4 STIRRUPS	30	10%	33	CY	800 \$	26,400
67		12"x24" BEAM W/2#10 CONT. BOTTOM, 2#8 CONT TOP & #4 STIRRUPS	1	10%	1	CY	800 \$	717
68		12"x36" BEAM W/6#11 CONT. BOTTOM, 2#11 CONT TOP & #4 STIRRUPS	7	10%	7	CY	800 \$	5,964
69		8"x42" BEAM W/REINFORCEMENT	3	10%	3	CY	800 \$	2,751
70		TYPICAL SPANDREL BEAM 20"x15" REINFORCED W/8 #11 (2 LAYERS) T&B & #4@12" O.C. STIRRUPS	33	10%	36	CY	800 \$	29,188
71	FO-100, S010-S070, S980	TYPICAL SPANDREL BEAM 30"x24" W/REINFORCEMENT	48	10%	53	CY	800 \$	42,044
72		SPANDREL BEAM 48"x24" REINFORCE W/16 #11 (TWO LAYERS) T&B & #5 @4" O.C. STIRRUPS	12	10%	13	CY	800 \$	10,430
73		14"x 15" BEAM REINFORCED W/3 #8 T&B CONTINUOUS BARS AND #4 @6" O.C. STIRRUPS	95	10%	105	CY	800 \$	83,989
74		16"x6" BEAM REINFORCED WITH 6"x4" CONC. CURB W/3 #8 T&B	6	10%	6	CY	800 \$	5,093
75		16"x10" EXTERIOR BEAM REINFORCED W/ #4 @12" O.C.	16	10%	18	CY	800 \$	14,392
76		24"Wx20"D CONCRETE BEAM REINFORCED W/6#11 CONTINUOUS & #4@6" O.C STIRRUPS	10	10%	11	CY	800 \$	8,600
77		LB1: BEAM NOTE: SPECS NOT DEFINED	52	10%	57	LF	15 \$	854
78		LB2: BEAM NOTE: SPECS NOT DEFINED	55	10%	61	LF	15 \$	915

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79		BHB1: BEAM NOTE: SPECS NOT DEFINED	19	10%	21	LF	15 \$	314
CURB								
80	S940	8"Wx9"H CONCRETE CURB W/#4 CONTINUOUS BAR AND #4 @12" O.C. TIES	9	10%	10	CY	800 \$	7,894
STAIRS								
STAIR A								
81		CONCRETE STEPS W/FOOTING & STEM WALL (3'-8"L x 0'-9 1/2"W TREAD)= 146 (3'-8"L x 0'-7"H RISER)= 170	16	10%	18	CY	\$ 800.0 \$	14,234
82	A100-A105, A300	LANDING SLAB	1333	10%	1,466	SF	\$ 7.8 \$	11,435
83		(3'-6"H) STAINLESS STEEL FLOOR MOUNTED GUARD RAIL W/4"x4" NEWEL POST & 1-1/2" DIA TOP RAIL	115	10%	127	LF	\$ 50.0 \$	6,351
84		1-1/2" DIA STAINLESS STEEL WALL MOUNTED HAND RAIL	178	10%	196	LF	\$ 50.0 \$	9,806
STAIR B								
85		CONCRETE STEPS W/FOOTING & STEM WALL (3'-8"L x 0'-9 1/2"W TREAD)= 133 (3'-8"L x 0'-7"H RISER)= 155	15	10%	16	CY	\$ 800.0 \$	12,978
86	A100-A105, A300	LANDING SLAB	645	10%	709	SF	\$ 7.8 \$	5,532
87		(3'-6"H) STAINLESS STEEL FLOOR MOUNTED GUARD RAIL W/4"x4" NEWEL POST & 1-1/2" DIA TOP RAIL	126	10%	139	LF	\$ 50.0 \$	6,930
88		1-1/2" DIA STAINLESS STEEL WALL MOUNTED HAND RAIL	150	10%	165	LF	\$ 50.0 \$	8,266
STAIR C								
88		CONCRETE STEPS W/FOOTING & STEM WALL (3'-6"L x 0'-9 1/2"W TREAD)= 22 (3'-6"L x 0'-7"H RISER)= 26	2	10%	3	CY	\$ 800.0 \$	2,076
89	A100, A101, A300	LANDING SLAB	30	10%	33	SF	\$ 7.8 \$	257
90		(3'-6"H) STAINLESS STEEL FLOOR MOUNTED GUARD RAIL W/4"x4" NEWEL POST & 1-1/2" DIA TOP RAIL	34	10%	37	LF	\$ 50.0 \$	1,863
91		1-1/2" DIA STAINLESS STEEL WALL MOUNTED HAND RAIL	29	10%	32	LF	\$ 50.0 \$	1,621
STAIR D								
91		CONCRETE STEPS W/FOOTING & STEM WALL (3'-8"L x 0'-9 1/2"W TREAD)= 22 (3'-8"L x 0'-7"H RISER)= 26	2	10%	3	CY	\$ 800.0 \$	2,177
92	A100, A101, A300	LANDING SLAB	36	10%	39	SF	\$ 7.8 \$	306
93		1-1/2" DIA STAINLESS STEEL WALL MOUNTED HAND RAIL	57	10%	63	LF	\$ 50.0 \$	3,140
FORMWORK								
SQUARE FOOTING								

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94		FORMWORK FOR 3F6.5: 6'-6" x 6'-6" x 2'-6"D FOOTING W/5#11 AT BOTTOM EW	65	10%	72	SF	2.5 \$	179
		NO. OF FOOTINGS= 1						
95	FO-100, FO-200	FORMWORK FOR 3F12.5: 12'-6" x 12'-6" x 3'-0"D FOOTING W/11#11 AT BOTTOM EW	1200	10%	1320	SF	2.5 \$	3,300
		NO. OF FOOTINGS= 8						
96		FORMWORK FOR 3F14.5: 14'-6" x 14'-6" x 3'-6"D FOOTING W/15#11 AT BOTTOM EW	1015	10%	1117	SF	2.5 \$	2,791
		NO. OF FOOTINGS= 5						
97		FORMWORK FOR 3F15.5: 15'-6" x 15'-6" x 4'-0"D FOOTING W/16#11 AT BOTTOM EW	248	10%	273	SF	2.5 \$	682
		NO. OF FOOTINGS= 1						
		RECTANGULAR FOOTING						
98		FORMWORK FOR 3F12x5: 12'-0" x 5'-0" x 2'-6"D FOOTING W/5#11 LONG & 10#9 SHORT BARS	340	10%	374	SF	2.5 \$	935
		NO. OF FOOTINGS= 4						
99	FO-100, FO-200	FORMWORK FOR 3F14x12: 14'-0" x 12'-0" x 3'-2"D FOOTING W/12#11 LONG & 11#11 SHORT BARS	165	10%	181	SF	2.5 \$	453
		NO. OF FOOTINGS= 1						
100		FORMWORK FOR 3F12.5x22: 12'-6" x 22'-0" x 4'-0"D FOOTING W/22#10 LONG & 18#11 SHORT BARS	276	10%	304	SF	2.5 \$	759
		NO. OF FOOTINGS= 1						
101		FORMWORK FOR 3F16x18: 16'-0" x 18'-0" x 4'-0"D FOOTING W/20#11 LONG & 20#11 SHORT BARS	272	10%	299	SF	2.5 \$	748
		NO. OF FOOTINGS= 1						
		MATT						
102		FORMWORK FOR 36" MAT FOUNDATION	1683	10%	1851	SF	2.5 \$	4,628
103	FO-100, FO-204, FO-205	FORMWORK FOR 42" MAT FOUNDATION	1386	10%	1525	SF	2.5 \$	3,812
104		FORMWORK FOR 48" MAT FOUNDATION	3924	10%	4316	SF	2.5 \$	10,791
		RAMP						
105	FO-100, A210	FORMWORK FOR 10" RAMP SLAB	1207	10%	1328	SF	2.5 \$	3,319
		SLAB						
106	FO-100, S010-S070	FORMWORK FOR SLAB	188399	10%	207239	SF	2.5 \$	518,098
		WALLS						
107		0'-8" CONCRETE WALL W/REINFORCEMENT	6360	10%	6996	SF	8.4 \$	58,766
108		0'-10" CONCRETE WALL W/REINFORCEMENT	7940	10%	8734	SF	8.4 \$	73,366
109		1'-0" CONCRETE PIT WALL W/#6@6 EW EF EXPOXY COATED BARS	2877	10%	3165	SF	8.4 \$	26,583
110	FO-100, S010-S070, FO-	1'-0" CONCRETE WALL W/#6@6 EW EF EXPOXY COATED BARS	10320	10%	11352	SF	8.4 \$	95,357
111	304	1'-4" FOUNDATION WALL W/REINFORCEMENT	24640	10%	27104	SF	8.4 \$	227,674
112		1'-4" FOUNDATION WALL UNDER RAMP W/#6@12 EA EF @2#11 TOP & BOTTOM	1816	10%	1998	SF	8.4 \$	16,780
113		2'-0" FOUNDATION WALL W/REINFORCEMENT	360	10%	396	SF	8.4 \$	3,326

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		COLUMNS							
114		FORMWORK FOR COLUMNS @15'-0" HT	20478	10%	22526	SF	2.5 \$	56,315	
115	FO-100, S010-S070	FORMWORK FOR COLUMNS @10'-0" HT	27862	10%	30648	SF	2.5 \$	76,621	
		CURB							
116	S940	FORMWORK FOR 8"W x 9"H CONCRETE CURB	723	10%	795	SF	2.5 \$	1,988	
		BEAMS							
117	FO-100, S010-S070	FORMWORK FOR BEAMS	20552	10%	22607	SF	2.5 \$	56,518	
		STAIRS							
118		FORM WORK FOR STAIR A	1791	10%	1,970	SF	\$ 2.5 \$	4,926	
119		FORM WORK FOR STAIR B	1508	10%	1,659	SF	\$ 2.5 \$	4,148	
120	A100, A101, A300	FORM WORK FOR STAIR C	222	10%	245	SF	\$ 2.5 \$	611	
121		FORM WORK FOR STAIR D	236	10%	260	SF	\$ 2.5 \$	649	
DIV. 04 MASONRY									\$ 309,373
		2-HR RATED CMU WALLS							
122		8" THICK CMU WALL WITH CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING AT ALTERNATE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF CONC. SLAB WITH CONT. FIRESTOP SEALANT	4,250	10%	4675	SF	12.6 \$	58,905	
123	DWG# A-100,A-101,A-102,A-103,A-104,A-105,A-550	10" THICK CMU WALL WITH CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING AT ALTERNATE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF CONC. SLAB WITH CONT. FIRESTOP SEALANT	16,674	10%	18341	SF	12.6 \$	231,102	
124		10" THICK CONCRETE BLOCK WALL WITH CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING AT ALTERNATE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF CONC. SLAB WITH CONT. FIRESTOP SEALANT	564	10%	621	SF	12.6 \$	7,821	
125		4" THICK CMU WALL WITH CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING AT ALTERNATE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF CONC. SLAB WITH CONT. FIRESTOP SEALANT	833	10%	916	SF	12.6 \$	11,545	
DIV. 05 METALS									\$ 1,780,084
126	A105	2'-0"W METAL LADDER FROM ROOF TO BULKHEAD (2 EA)	52	10%	57	LF	25 \$	1,430	
127		THRU WALL SCUPPER	2	0%	2	EA	200 \$	400	
		FURRING CHANNELS							

128	DWG# A-100,A-101,A-102,A-103,A-104,A-105,A-550	1-1/2" METAL FURRING CHANNELS @16" O.C. NO. OF CHANNELS @14'-0" HT= 200 NO. OF CHANNELS@14'-8" HT=167 NO. OF CHANNELS @9'-3" HT= 1492 NO. OF STUDS@2'-0" HT= 237 7/8" THK. 20 GA. METAL FURRING @16" O.C. NO. OF STUDS@9'-3" HT= 46	195223	10%	214745	LF	2.1 \$	450,965	
129			426	10%	468	LF	1.5 \$	702	
<i>World Estimating</i>									
STUDS									
130	DWG# A-100,A-101,A-102,A-103,A-104,A-105,A-550	2-1/2" THK. 16 GA. METAL 'C' STUD @16" O.C. NO. OF STUDS@14'-0" HT=199 NO. OF STUDS@14'-8" HT=259 NO. OF STUDS 9'-3" HT=14572 3-5/8" THK. 20 GA. METAL STUD @16" O.C. NO. OF STUDS@14'-0" HT= 223 NO. OF STUDS@2'-0" HT= 237 NO. OF STUDS@9'-3" HT= 7803 NO. OF STUDS@3'-4" HT= 1434	141374	10%	155511	LF	3.6 \$	559,841	
131			80549	10%	88604	LF	4.8 \$	425,299	
RUNNERS									
132	DWG# A-100,A-101,A-102,A-103,A-104,A-105,A-550	1-1/2" GALVANIZED METAL TRACK AT TOP AND BOTTOM	8,640	10%	9504	LF	2.1 \$	19,958	
133		2-1/2" GALVANIZED METAL TRACK AT TOP AND BOTTOM	39,952	10%	43947	LF	3.6 \$	158,210	
134		3 5/8" GALVANIZED METAL TRACK AT TOP AND BOTTOM	21,973	10%	24170	LF	4.8 \$	116,017	
135		7/8" GALVANIZED METAL TRACK AT TOP AND BOTTOM	120	10%	132	LF	1.5 \$	198	
CANOPY									
136		METAL CANOPY A	42	10%	46	SF	40 \$	1,848	
137		METAL CANOPY B	113	10%	124	SF	40 \$	4,972	
138		METAL CANOPY C	235	10%	259	SF	40 \$	10,340	
139		METAL CANOPY D	26	10%	29	SF	40 \$	1,144	
140		METAL CANOPY E	30	10%	33	SF	40 \$	1,320	
141	A101, A414	METAL CANOPY F	65	10%	72	SF	40 \$	2,860	
142		METAL CANOPY G	42	10%	46	SF	40 \$	1,848	
143		METAL CANOPY H	86	10%	95	SF	40 \$	3,784	
144		METAL CANOPY I	24	10%	26	SF	40 \$	1,056	
145		16x4 STEEL TUBE	39	10%	43	LF	34.5 \$	1,480	
146		8x4 STEEL TUBE	29	10%	43	LF	28.7 \$	1,231	
147		W4x13 AT CANOPY	5	10%	607	LF	25 \$	15,180	
<i>World Estimating</i>									
DIV. 06		WOOD, PLASTIC & COMPOSITES							\$ 3,277,136
SHEATHING									
148	DWG# A-100,A-101,A-102,A-103,A-104,A-105,A-550	(1) LAYER OF 5 /8" FIRE CODE EXP. EXT. EXP GYP. BD SHEATHING ON EXTERIOR SIDE	19,999	10%	21998	SF	\$ 3.4 \$	74,794	

MILLWORK										
CLOSET										
149		1'-0"D WALK IN CLOSET	1303	10%	1433	LF	800	\$	1,146,640	
150		2'-0"D BEDROOM CLOSET	505	10%	555	LF	1000	\$	554,950	
151		2'-4"D BEDROOM CLOSET	11	10%	12	LF	1000	\$	12,100	
152	A101-A105, A500a-A502b	2'-0"D COAT CLOSET	459	10%	504	LF	800	\$	403,480	
153		2'-8"D COAT CLOSET	3	10%	3	LF	800	\$	2,640	
154		1'-6"D LINEN CLOSET	211	10%	232	LF	800	\$	185,680	
155		2'-0"D LINEN CLOSET	10	10%	11	LF	1000	\$	11,000	
156		2'-4"D LINEN CLOSET	10	10%	11	LF	1000	\$	11,000	
157		2'-8"D LINEN CLOSET	13	10%	14	LF	1000	\$	13,750	
CABINETRY										
158	A101-A105, A500a-A502b	1'-0"D UPPER CABINET	1577	10%	1735	LF	200	\$	346,962	
159		2'-0"D UPPER CABINET	1558	10%	1714	LF	300	\$	514,140	
DIV. 07 THERMAL & MOISTURE PROTECTION									\$ 1,134,111	
160	A101, A414	CONTINUOUS BASE FLASHING W/DRIP EDGE	39	10%	43	LF	6.5	\$	279	
INSULATIONS										
161		CONT. FIRESTOP SEALANT	49,218	10%	54140	LF	\$	1.2	\$ 64,968	
162	DWG# A-100,A-101,A-102,A-103,A-104,A-105,A-550	3 1/2" GLASS FIBER INSULATION	10,518	10%	11570	SF	\$	1.8	\$ 20,826	
163		1" MINERAL FIBER INSULATION	34,108	10%	37519	SF	\$	0.8	\$ 30,015	
164		3 1/2" SOUND ATTENUATION INSULATION	61,735	10%	67909	SF	\$	2.1	\$ 142,608	
165		3 1/2" UNFACED BATT INSULATION (R-15) BETWEEN STUDS	31,543	10%	34697	SF	\$	1.8	\$ 62,455	
BUILT UP ROOF SYSTEM										
166		COUNTINUOUS EXTENDED ALUMINIUM COPPING	857	10%	943	LF	\$	7.5	\$ 7,070	
167		2 PLY BUILT UP ROOF SYSTEM	14,070	10%	15477	SF	\$	7.4	\$ 114,530	
168		COUNTINUOUS VAPOUR BARRIER ON CONCRETE SLAB	14,070	10%	15477	SF	\$	1.3	\$ 20,120	
169	DWG# A-413,A-410,A-104,A-105	TAPERED RIGID INSULATION AS REQUIRED TO PERFORM R20 MIN 4" AT DRAINS . PROVIDE R 30 AVERAGE	14,070	10%	15477	SF	\$	1.5	\$ 23,216	
170		CONT. SEALANT & BACKER ROD	857	10%	943	LF	\$	4.5	\$ 4,242	
171		CONT. METAL COUNTER FLASHING	857	10%	943	LF	\$	6.5	\$ 6,128	
172		SYNTHETIC STUCCO FINISH	1,851	10%	2036	SF	\$	12.6	\$ 25,657	
173		1" RIGID INSULATION R-5	1,851	10%	2036	SF	\$	0.8	\$ 1,629	
174		ROOF WALK WAY PADS	1,945	10%	2140	SF	\$	5.2	\$ 11,125	
IRMA ROOF SYSTEM										
175			1/2" PROTECTION BOARD SYSTEM	7,867	10%	8654	SF	\$	3.5	\$ 30,288
176		COUNTINUOUS VAPOUR BARRIER ON CONCRETE SLAB	7,867	10%	8654	SF	\$	1.3	\$ 11,250	
177		IRMA SYSTEM CONCRETE ROOF PAVERS WITH PADESTALS	7,867	10%	8654	SF	\$	6.5	\$ 56,249	
178		4" XPS (60 PSI) R-30 RIGID INSULATION	2,668	10%	2935	SF	\$	2.8	\$ 8,217	

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179		LIQUID APPLY ROOFING SYSTEM	7,867	10%	8654	SF	\$	3.6	\$	31,153
180		FENCE DIVIDER , HEIGHT: 4'-6"	140	10%	154	LF	\$	12.1	\$	1,863
181		6" THICK R-20 TAPERED INSULATION	5,199	10%	5719	SF	\$	1.9	\$	10,866
182	DWG# A-413,A-410,A-104,A-105	DOUBLE LAYER MEMBRANE	5,199	10%	5719	SF	\$	1.8	\$	10,294
		ROOFING ON TERRACCE								
183		PROVIDE CONCRETE TOPPING OVER SLAB	2,651	10%	2916	SF	\$	6.5	\$	18,955
184		LIQUID APPLY ROOFING SYSTEM	2,651	10%	2916	SF	\$	3.6	\$	10,498
185		COUNTINUOUS SHEET METAL FLASHING	517	10%	569	LF	\$	6.5	\$	3,697
186		COUNTINUOUS VAPOUR BARRIER ON CONCRETE SLAB	2,651	10%	2916	SF	\$	1.3	\$	3,791
187		IRMA SYSTEM CONCRETE ROOF PAVERS WITH PADESTALS	2,651	10%	2916	SF	\$	6.5	\$	18,955
188		4" XPS (60 PSI) R-30 RIGID INSULATION	2,651	10%	2916	SF	\$	2.8	\$	8,165
189		FENCE DIVIDER , HEIGHT: 4'-6"	83	10%	91	LF	\$	12.1	\$	1,105
		CAULKING								
190	A101-A105, A500a-	CONTINUOUS CAULKING AROUND DOORS	41988	10%	46187	LF		1.1	\$	50,806
191	A502b, A600, A601	SEALANT AROUND WINDOWS	11317	10%	12449	LF		1.1	\$	13,694
		TRIM								
191		TRIM AROUND DOORS	41988	10%	46187	LF		4.3	\$	198,605
192	A101-A105, A500a-	EXTERIOR TRIM AROUND WINDOWS	11317	10%	12449	LF		4.6	\$	57,264
193	A502b, A600, A601	INTERIOR TRIM AROUND WINDOWS	11317	10%	12449	LF		4.3	\$	53,530
DIV. 08		OPENINGS								\$ 4,059,817
		DOORS								
194		1: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: APPARTMENT ENTRY	190	0%	190	EA		1200	\$	228,000
195		2: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 3'-0"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: BATHROOM NOTE: A MOCK-UP MUST BE PROVIDED PRIOR TO INSTALLATION	158	0%	158	EA		1200	\$	189,600
196		3: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 3'-0"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: BEDROOM	124	0%	124	EA		1200	\$	148,800
197		4: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 1'-6"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET/LINEN	13	0%	13	EA		900	\$	11,700

198	4a: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 2'-0"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET/LINEN	11	0%	11	EA	1000 \$	11,000
199	4b: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 2'-6"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET/LINEN	11	0%	11	EA	1100 \$	12,100
200	4c: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 2'-8"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET/LINEN	93	0%	93	EA	1200 \$	111,600
201	4e: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 3'-0"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET/LINEN	119	0%	119	EA	1200 \$	142,800
202	6: FLUSH PANEL/HOLLOW CORE WOOD SLIDING DOOR SIZE: (2) 1'-6"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET	64	0%	64	EA	900 \$	57,600
203	6a: FLUSH PANEL/HOLLOW CORE WOOD SLIDING DOOR SIZE: (2) 1'-9"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET	2	0%	2	EA	1000 \$	2,000
204	6b: FLUSH PANEL/HOLLOW CORE WOOD SLIDING DOOR SIZE: (2) 2'-0"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET	106	0%	106	EA	1000 \$	106,000
205	6c: FLUSH PANEL/HOLLOW CORE WOOD SLIDING DOOR SIZE: (2) 2'-3"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET	12	0%	12	EA	1100 \$	13,200
206	6d: FLUSH PANEL/HOLLOW CORE WOOD SLIDING DOOR SIZE: (2) 2'-6"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET	21	0%	21	EA	1100 \$	23,100
207	6e: FLUSH PANEL/HOLLOW CORE WOOD SLIDING DOOR SIZE: (2) 2'-9"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET	2	0%	2	EA	1200 \$	2,400
208	6f: FLUSH PANEL/HOLLOW CORE WOOD SLIDING DOOR SIZE: (2) 3'-0"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: CLOSET	7	0%	7	EA	1200 \$	8,400
209	7: FLUSH PANEL/HOLLOW CORE WOOD DOOR SIZE: 2'-8"W x 6'-8"H x 1-5/8" THK. FRAME: HOLLOW METAL FRAME LOCATION: LAUNDRY CLOSET	190	0%	190	EA	1200 \$	228,000

A101-A105, A500a-
A502b, A600

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210	10: 1-1/2 HR. RATED ALUMINUM/GLASS DOOR SIZE: 3'-0"W x 8'-0"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED ALUMINUM FRAME LOCATION: COMMUNITY ROOM	2	0%	2	EA	1200 \$	2,400
211	11: 1-1/2 HR. RATED ALUMINUM DOOR SIZE: 3'-0"W x 7'-0"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED ALUMINUM FRAME LOCATION: PRIVATE TERRACES	74	0%	74	EA	1200 \$	88,800
212	12: FLUSH PANEL/HOLLOW CORE HOLLOW METAL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: HOLLOW METAL FRAME LOCATION: PUBLIC TOILET	5	0%	5	EA	1200 \$	6,000
213	20: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: STAIRS	18	0%	18	EA	1200 \$	21,600
214	21: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: REFUSE ROOM	8	0%	8	EA	1200 \$	9,600
215	22: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: BICYCLE STORAGE/ELEVATOR LOBBY/TENANT STORAGE	1	0%	1	EA	1200 \$	1,200
216	23: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: MECH. AREAS/COMPCTOR ROOM/ELEC. ROOM	2	0%	2	EA	1200 \$	2,400
216	24: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: STAIR AT ROOF	4	0%	4	EA	1200 \$	4,800
217	26: ROLL UP STEEL DOOR SIZE: 10'-6"W x 11'-2"H x 1-3/4" THK. FRAME: STEEL FRAME LOCATION: PARKING ENTRANCE	1	0%	1	EA	4000 \$	4,000
218	27: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: PARKING ATTENDANT TOILET	1	0%	1	EA	1200 \$	1,200

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219		28: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: 3'-0"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: PARKING BOOTH	1	0%	1	EA	1200 \$	1,200
220		29: 1-1/2 HR. RATED FLUSH PANEL STEEL DOOR SIZE: (2) 1'-6"W x 6'-8"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED STEEL FRAME LOCATION: ELEC./MECH. CLOSET	12	0%	12	EA	900 \$	10,800
221		30: 1-1/2 HR. RATED ALUMINUM/GLASS DOOR SIZE: 3'-0"W x 8'-0"H x 1-3/4" THK. FRAME: 1-1/2 HR. RATED ALUMINUM FRAME LOCATION: ELEVATOR VESTIBULE AT ROOF	1	0%	1	EA	1200 \$	1,200
		<i>World Estimating</i>						
222		DOOR HARDWARE HARDWARE SET#1 NOTE: SPECS NOT GIVEN	190	0%	190	EA	200 \$	38,000
223		HARDWARE SET#2 NOTE: SPECS NOT GIVEN	124	0%	124	EA	200 \$	24,800
224		HARDWARE SET#3 NOTE: SPECS NOT GIVEN	158	0%	158	EA	200 \$	31,600
225		HARDWARE SET#4 NOTE: SPECS NOT GIVEN	214	0%	214	EA	200 \$	42,800
226	A101-A105, A500a-	HARDWARE SET#5 NOTE: SPECS NOT GIVEN	247	0%	247	EA	200 \$	49,400
227	A502b, A600	HARDWARE SET#9 NOTE: SPECS NOT GIVEN	5	0%	5	EA	200 \$	1,000
228		HARDWARE SET#10 NOTE: SPECS NOT GIVEN	25	0%	25	EA	200 \$	5,000
229		HARDWARE SET#11 NOTE: SPECS NOT GIVEN	18	0%	18	EA	200 \$	3,600
230		HARDWARE SET#12 NOTE: SPECS NOT GIVEN	6	0%	6	EA	200 \$	1,200
231		HARDWARE SET#14 NOTE: SPECS NOT GIVEN	2	0%	2	EA	200 \$	400
		<i>World Estimating</i>						
		WINDOWS						
232		W1a: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-10"W x 8'-0"H	90	0%	90	EA	5750 \$	517,500
233		W1b: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-10"W x 8'-0"H	86	0%	86	EA	5750 \$	494,500
234		W1c: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-2"W x 8'-0"H	21	0%	21	EA	5000 \$	105,000

235		W1d: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-2"W x 8'-0"H	17	0%	17	EA	5000 \$	85,000
236		W1e: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-10"W x 5'-11"H	1	0%	1	EA	4300 \$	4,300
237		W1f: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-11"W x 5'-11"H	1	0%	1	EA	4300 \$	4,300
238		W2: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 11'-3"W x 8'-0"H	3	0%	3	EA	8100 \$	24,300
239		W3c: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 3'-9"W x 8'-0"H	8	0%	8	EA	2700 \$	21,600
240		W4a: ALUMINUM FIXED/SWING DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-3"W x 8'-0"H	13	0%	13	EA	5200 \$	67,600
241		W4b: ALUMINUM FIXED/SWING DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-3"W x 8'-0"H	18	0%	18	EA	5200 \$	93,600
242		W5a: ALUMINUM FIXED/SWING DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-3"W x 6'-8"H	18	0%	18	EA	4250 \$	76,500
243		W5b: ALUMINUM FIXED/SWING DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-3"W x 6'-8"H	24	0%	24	EA	4250 \$	102,000
244		W6a: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 3'-9"W x 6'-8"H	4	0%	4	EA	2200 \$	8,800
245		W6b: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 3'-9"W x 6'-8"H	4	0%	4	EA	2200 \$	8,800
246		W7: ALUMINUM SWING DOORS DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-2"W x 8'-0"H	1	0%	1	EA	5000 \$	5,000
247		W8a: ALUMINUM ACCORDION DOORS DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-10"W x 8'-0"H	1	0%	1	EA	5750 \$	5,750
248		W8b: ALUMINUM ACCORDION DOORS DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 9'-0"W x 8'-0"H	3	0%	3	EA	6500 \$	19,500
249	A101-A105, A601	W8c: ALUMINUM ACCORDION DOORS DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 8'-4"W x 8'-0"H	1	0%	1	EA	5900 \$	5,900
250		W8d: ALUMINUM ACCORDION DOORS DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 12'-7"W x 8'-0"H	5	0%	5	EA	9000 \$	45,000

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251	W8e: ALUMINUM ACCORDION DOORS DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 12'-0"W x 8'-0"H	2	0%	2	EA	8600 \$	17,200
252	W9: ALUMINUM FIXED DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 3'-9"W x 8'-0"H	13	0%	13	EA	2700 \$	35,100
253	W10: ALUMINUM DOUBLE GLAZED WINDOW WALL W/INSECT SCREEN SIZE: 5'-10"W x 8'-0"H	5	0%	5	EA	4300 \$	21,500
254	W11: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 13'-0"W x 8'-0"H	1	0%	1	EA	9300 \$	9,300
255	W12: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 14'-4-4 1/2"W x 8'-0"H	1	0%	1	EA	10000 \$	10,000
256	W13: ALUMINUM DOUBLE GLAZED WINDOW WALL W/INSECT SCREEN SIZE: 13'-0"W x 18'-0"H	4	0%	4	EA	21000 \$	84,000
257	W14: ALUMINUM DOUBLE GLAZED WINDOW WALL W/INSECT SCREEN SIZE: 14'-4-4 1/2"W x 18'-0"H	4	0%	4	EA	23000 \$	92,000
258	W15: ALUMINUM DOUBLE GLAZED WINDOW WALL W/INSECT SCREEN SIZE: 11'-3"W x 18'-0"H	4	0%	4	EA	18200 \$	72,800
259	W16a: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-3"W x 8'-0"H	1	0%	1	EA	5200 \$	5,200
260	W16b: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 7'-3"W x 8'-0"H	1	0%	1	EA	5200 \$	5,200
261	W17a: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW /DOOR W/INSECT SCREEN SIZE: 7'-3"W x 8'-0"H	2	0%	2	EA	5200 \$	10,400
262	W17b: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW /DOOR W/INSECT SCREEN SIZE: 7'-3"W x 8'-0"H	2	0%	2	EA	5200 \$	10,400
263	W18: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW /DOOR W/INSECT SCREEN SIZE: 7'-3"W x 8'-0"H	1	0%	1	EA	5200 \$	5,200
264	W19a: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 5'-0"W x 6'-3"H	2	0%	2	EA	2800 \$	5,600
265	W19b: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 5'-0"W x 6'-3"H	2	0%	2	EA	2800 \$	5,600
266	W21: ALUMINUM CASEMENT DOUBLE GLAZED WINDOW W/INSECT SCREEN SIZE: 3'-9"W x 5'-0"H	1	0%	1	EA	1700 \$	1,700

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		STOREFRONT								
267		SF1: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 13'-11"W x 8'-5"H	1	0%	1	EA	11900 \$	11,900		
268		SF2: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 31'-5"W x 8'-5"H	1	0%	1	EA	26750 \$	26,750		
269		SF3: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT W/DOOR SIZE: 17'-11"W x 9'-7"H	1	0%	1	EA	17100 \$	17,100		
270		SF4: ALUMINUM DOOR DOUBLE GLAZED STOREFRONT SIZE: 17'-11"W x 9'-4"H	1	0%	1	EA	16650 \$	16,650		
271		SF5: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 21'-4"W x 10'-2"H	1	0%	1	EA	21200 \$	21,200		
272		SF6: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 7'-10"W x 9'-6"H	1	0%	1	EA	7600 \$	7,600		
273		SF7: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 17'-11"W x 9'-6"H	1	0%	1	EA	17100 \$	17,100		
274	A101-A105, A602	SF8: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 38'-1"W x 10'-2"H	1	0%	1	EA	38000 \$	38,000		
275		SF9: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT W/DOOR SIZE: 38'-1"W x 10'-8"H	1	0%	1	EA	40850 \$	40,850		
276		SF10: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 7'-10"W x 9'-8"H	1	0%	1	EA	7800 \$	7,800		
277		SF11: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 28'-0"W x 10'-2"H	1	0%	1	EA	28000 \$	28,000		
278		SF12: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 38'-1"W x 8'-8"H	1	0%	1	EA	33250 \$	33,250		
279		SF13: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 5'-10"W x 11'-5"H	1	0%	1	EA	7200 \$	7,200		
280		SF14: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 28'-1"W x 8'-2"H	1	0%	1	EA	22400 \$	22,400		
281		SF15: ALUMINUM FIXED PANE DOUBLE GLAZED STOREFRONT SIZE: 12'-5 1/2"W x 7'-11"H	1	0%	1	EA	10000 \$	10,000		
		LOUVERS								
282	A105, A601	L1: ALUMINUM HORIZONTAL LOUVER SIZE: 1'-8"W x 2'-8"H	1	0%	1	EA	200 \$	200		
283		L2: ALUMINUM HORIZONTAL LOUVER SIZE: 2'-0"W x 2'-0"H	1	0%	1	EA	200 \$	200		
		SADDLE								
284	A101-A105, A500a-	ALUMINUM SADDLE	941	10%	1035	LF	10 \$	10,346		
285	A502b, A600	MARBLE SADDLE	474	10%	521	LF	15 \$	7,821		
DIV. 09		FINISHES							\$ 5,565,120	

World Estimating

EXTERIOR								
286		EIFS LIMESTONE	14637	10%	16101	SF	7.5 \$	120,755
287		CONCRETE SMOOTH FINISH	2477	10%	2725	SF	6.8 \$	18,528
288	A200-A203	CONCRETE TEXTURED FINISH	2680	10%	2948	SF	7.3 \$	21,520
289		ALUMINUM PANEL	319	10%	351	SF	8.5 \$	2,983
290		SPANDREL GLASS	76	10%	84	SF	80 \$	6,688
INTERIOR								
FLOOR FINISHES								
<i>World Estimating</i>								
WOOD								
291	A100-A105, A500a - A502b, A510	WD-03: MONTERA RESERVE EUROPEAN OAK SIZE: 7.5"Wx84"Lx1/2" THK. MFR: HF DESIGN LLC FINISH: VENICE	93037	10%	102,341	SF	\$ 12.5 \$	1,279,262
292		SEALED CONCRETE FINISH ON STAIRS NOTE: STAIR FINISHED IS SUPPOSED	1728	10%	1,901	SF	\$ 6.5 \$	12,355
TILES								
293	A100-A105, A500a - A502b, A510	CT-02: ALTA CERAMIC TILE SIZE: 24"x24" MFR: NEMO TILE FINISH: DARK GREY	10253	10%	11,278	SF	\$ 8.5 \$	95,862
STONE								
294	A100-A105, A500a - A502b, A510	ST-02: HAISA LIGHT MARBLE TILES SIZE: 6" x 18" MFR: HELLAS STONE FINISH: HONED	9228	10%	10,151	SF	\$ 9.3 \$	94,402
CONCRETE								
295	A100-A105, A500a - A502b, A510	CONCRETE FLOORING CLEAR FINISH NOTE: SPECS NOT GIVEN	47139	10%	51,853	SF	\$ 6.5 \$	337,044
FLOOR TRANSITIONS								
296	A100-A105, A500a - A502b, A510	CERAMIC TILE FLOORING TO EUROPEAN OAK FLOORING TRANSITION	645	10%	710	LF	\$ 4.5 \$	3,193
297		EUROPEAN OAK FLOORING TO MARBLE TILE FLOORING TRANSITION	573	10%	630	LF	\$ 4.5 \$	2,836
BASE								
<i>World Estimating</i>								
WOOD								
298	A100-A105, A500a - A502b, A510	WD-03: 1/2" THK. MONTERA RESERVE EUROPEAN OAK MFR: HF DESIGN LLC FINISH: VENICE	25479	10%	28,027	LF	\$ 5.2 \$	145,743

299	A100-A105, A500a - A502b, A510	METAL MT-01: BLACK COLLED ROLLED STEEL METAL BASE FINISH: HAND FINISH	3600	10%	3,960	LF	\$	6.1	\$	24,156
WALLS										
<i>World Estimating</i>										
300	A100-A105, A500a - A502b, A510	TILES CT-02: NATURA CERAMIC TILE SIZE: 13CM x 13CM MFR: CREATIVE MATERIALS CO. FINISH: WHITE	28110	10%	30,921	SF	\$	9.6	\$	296,839
301		CERAMIC TILE BULL NOSE	2932	10%	3,225	LF	\$	4.8	\$	15,482
STONE										
302	A100-A105, A500a - A502b, A510	SS-03: ZAHA STONE MFR: NEOLITH FINISH: SILK	330	10%	363	SF	\$	11.5	\$	4,175
303		ST-03: KENYA BLACK MFR: STONE SOURCE FINISH: HONED	426	10%	469	SF	\$	11.5	\$	5,389
PAINT										
304	A100-A105, A500a - A502b, A510	PT-01D: (CALM) ONE COAT OF PRIMER WITH TWO COATS OF PAINT AT GYPSUM BOARD ITEM #: OC-22 MFR: BENJAMIN MOORE FINISH COLOR: CALM	16250	10%	17,875	SF	\$	1.8	\$	32,175
305		PT-01B: SATIN (CALM) ONE COAT OF PRIMER WITH TWO COATS OF PAINT ITEM#: OC-22 MFR: BENJAMIN MOORE FINISH COLOR: CALM	350603	10%	385,663	SF	\$	1.8	\$	694,193
SPECIALTY FINISH										
306	A100-A105, A500a - A502b, A510	SF-01: 15MM SCAFFOLDED ITEM #: OC-22 MFR: PANBETON FINISH: 216-BRUT MOYEN	2040	10%	2,244	SF	\$	3.5	\$	7,854
CEILING										
<i>World Estimating</i>										
307	A100-A105, A500a -	PAINT PT-01D: (CALM) ONE COAT OF PRIMER WITH TWO COATS OF PAINT ITEM #: OC-22 MFR: BENJAMIN MOORE FINISH COLOR: CALM	10780	10%	11,858	SF	\$	2.6	\$	30,831

308	A502b, A510	PT-01A: (CALM) ONE COAT OF PRIMER WITH TWO COATS OF PAINT											
		ITEM #: OC-22	141436	10%	155,580	SF	\$	2.6	\$	404,508			
		MFR: BENJAMIN MOORE											
		FINISH COLOR: CALM											
		BEAMS											
309	A100-A105, A500a, A500b, A501, A502a, A502b, A510	MT-02: 6" HIGH BLACK I BEAMS											
		FINISH: AS IS	9228	10%	10,151	SF	\$	15.0	\$	152,262			
DRYWALL													
<i>World Estimating</i>													
310		5/8" TYPE 'X' GYPSUMBOARD ON WALLS, SIZE: 4' x 8'	350,946	10%	386041	SF	\$	2.6	\$	1,003,706			
311		NOS. OF SHEETS	10,967	0%	10967	EA							
312		DRYWALL SCREWS	1,880	0%	1880	LBS							
313		ADHESIVE	10,879	0%	10879	EA							
314		MUD PLASTER	186,001	0%	186001	LBS							
315		5/8" TYPE 'X' WATER RESISTANT GYPSUMBOARD ON WALLS, SIZE: 4' x 8'	32,593	10%	35852	SF	\$	2.6	\$	93,216			
316		NOS. OF SHEETS	1,019	0%	1019	EA							
317		DRYWALL SCREWS	175	0%	175	LBS							
318		ADHESIVE	1,010	0%	1010	EA							
319	DWG# A-100,A-101,A-102,A-103,A-104,A-105,A-550	MUD PLASTER	17,274	0%	17274	LBS							
320		1/2" TYPE 'X' GYPSUM BOARD ON WALLS, SIZE: 4' x 8'	224,303	10%	246733	SF	\$	2.6	\$	641,507			
321		NOS. OF SHEETS	7,009	0%	7009	EA							
322		DRYWALL SCREWS	1,202	0%	1202	LBS							
323		ADHESIVE	6,953	0%	6953	EA							
324		MUD PLASTER	118,881	0%	118881	LBS							
<i>World Estimating</i>													
325		1" TYPE 'X' GYPSUM BOARD ON WALLS, SIZE: 4' x 8'	6,174	10%	6791	SF	\$	2.6	\$	17,658			
326		NOS. OF SHEETS	193	0%	193	EA							
327		DRYWALL SCREWS	33	0%	33	LBS							
328		ADHESIVE	191	0%	191	EA							
329		MUD PLASTER	3,272	0%	3272	LBS							
DIV. 10										SPECIALITIES		\$ 419,615	
GLASS RAILING													
330	DWG# A-413,A-410,A-104, A-105	3'-6" HIGH GLASS RAILING ON ROOF	1,010	10%	1111	LF	\$	85.0	\$	94,435			

		TOILET ACCESSORIES								
331		FURNISH AND INSTALL NEW GRAB BARS	229	0%	229	EA	\$ 120.0	\$ 27,480		
332	DWG# P-301, 302, 303, 304, 305, 306	FURNISH AND INSTALL NEW TISSUE DISPENSER	229	0%	229	EA	\$ 200.0	\$ 45,800		
333		FURNISH AND INSTALL NEW TISSUE DISPOSAL	229	0%	229	EA	\$ 200.0	\$ 45,800		
334		FURNISH AND INSTALL NEW MIRROR	229	0%	229	EA	\$ 700.0	\$ 160,300		
335		FURNISH AND INSTALL NEW SOAP DISPENSER	229	0%	229	EA	\$ 200.0	\$ 45,800		
		DIV. 11	EQUIPMENTS							\$ 955,200
		KITCHEN EQUIPMENT								
336	DWG# P-301, 302, 303, 304, 305, 306	FURNISH AND INSTALL NEW GAS STOVE	199	0%	199	EA	\$ 1,800.0	\$ 358,200		
337		FURNISH AND INSTALL NEW REFRIGERATOR	199	0%	199	EA	\$ 1,400.0	\$ 278,600		
338		W/D: FURNISH AND INSTALL NEW WASH DRYER	199	0%	199	EA	\$ 900.0	\$ 179,100		
339		FURNISH AND INSTALL NEW OVEN	199	0%	199	EA	\$ 700.0	\$ 139,300		
		DIV. 12	FURNISHINGS							\$ 399,314
340	A101-A105, A500a- A502b	PLASTIC LAMINATE KITCHEN COUNTERTOP	1691	10%	1860	SF	120	\$ 223,199		
341		MARBLE COUNTERTOP AT BATH	968	10%	1065	SF	150	\$ 159,753		
342		4"H BACKSPLASH	954	10%	1049	LF	15.6	\$ 16,362		
	DIV. 21	FIRE PROTECTION							\$ 407,893	
343	FA101-FA107	SMOKE DETECTORS	16	0%	16	EA	300	\$ 4,800		
		PIPE WORK								
344	FP101-FP307	FURNISH AND INSTALL NEW PIPE WORK FOR SPRINKLER SIZE: 1 1/2" DIA	1502	10%	1652	LF	\$ 13.7	\$ 22,635		
345		FURNISH AND INSTALL NEW PIPE WORK FOR SPRINKLER SIZE: 1 1/4" DIA	1595	10%	1755	LF	\$ 12.6	\$ 22,107		
346		FURNISH AND INSTALL NEW PIPE WORK FOR SPRINKLER SIZE: 1" DIA	10666	10%	11733	LF	\$ 11.5	\$ 134,925		
347		FURNISH AND INSTALL NEW PIPE WORK FOR SPRINKLER SIZE: 2" DIA	727	10%	800	LF	\$ 16.9	\$ 13,515		
348		FURNISH AND INSTALL NEW PIPE WORK FOR SPRINKLER SIZE: 3" DIA	2489	10%	2738	LF	\$ 22.6	\$ 61,877		
349		FURNISH AND INSTALL NEW PIPE WORK FOR SPRINKLER SIZE: 4" DIA	1142	0%	1142	LF	\$ 27.8	\$ 31,748		
350		FURNISH AND INSTALL NEW PIPE WORK FOR SPRINKLER SIZE: 6" DIA	520	0%	520	LF	\$ 39.1	\$ 20,332		
			SPRINKLER HEADS							
351		FP101-FP307	FURNISH AND INSTALL NEW SIDE WALL SPRINKLER HEAD	344	0%	344	EA	\$ 45.0	\$ 15,480	
352			FURNISH AND INSTALL NEW EXTENDED SIDE WALL SPRINKLER HEAD	73	0%	73	EA	\$ 45.0	\$ 3,285	
353	FURNISH AND INSTALL NEW CONCEALED SPRINKLER HEAD		913	0%	913	EA	\$ 45.0	\$ 41,085		
354	FURNISH AND INSTALL NEW UPRIGHT SPRINKLER HEAD		559	0%	559	EA	\$ 45.0	\$ 25,155		

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		VALVES							
355		DRY PIPE VALVLE	1	0%	1	EA	\$ 450.0	\$ 450	
356		DRAIN VALVE	1	0%	1	EA	\$ 450.0	\$ 450	
357	FP101-FP307	6" CHECK VALLVE	1	0%	1	EA	\$ 600.0	\$ 600	
358		SPRINKLER FLOOR CONTROL VALVE ASSEMBLY	10	0%	10	EA	\$ 400.0	\$ 4,000	
359		RISER CONTROL VALLVE	1	0%	1	EA	\$ 450.0	\$ 450	
		PUMPS							
		FIRE PUMP							
360		MANUFACTURER: A-C FIRE PUMP SERIES 1580	1	0%	1	EA	\$ 3,000.0	\$ 3,000	
		MODEL# 6X6X11F-L UL/FM							
		JOCKEY PUMP							
361	FP101-FP307	MANUFACTURER: GRUNDFOS	1	0%	1	EA	\$ 2,000.0	\$ 2,000	
		MODEL# CR3-9							
		DIV. 22 PLUMBING WORK							\$ 2,302,746
		PLUMBING FIXTURES SCHEDULE							
362		HB: FURNISH AND INSTALL NEW 3/4" HOSE BIB	7	0%	7	EA	\$ 350.0	\$ 2,450	
363		BT: FURNISH AND INSTALL NEW BATH TUB	219	0%	219	EA	\$ 2,600.0	\$ 569,400	
364		DW: FURNISH AND INSTALL NEW DISH WASHER	199	0%	199	EA	\$ 1,000.0	\$ 199,000	
365	DWG# P-301, 302, 303,	KS: FURNISH AND INSTALL NEW KITCHEN SINK	221	0%	221	EA	\$ 1,200.0	\$ 265,200	
366	304, 305, 306	LV: FURNISH AND INSTALL NEW LAVATORY	229	0%	229	EA	\$ 1,000.0	\$ 229,000	
367		WC: FURNISH AND INSTALL NEW WATER CLOSET	229	0%	229	EA	\$ 1,000.0	\$ 229,000	
368		NFHB: FURNISH AND INSTALL NEW 3/4" NFHB	33	0%	33	EA	\$ 1,000.0	\$ 33,000	
369		SK: FURNISH AND INSTALL NEW SINK	1	0%	1	EA	\$ 1,200.0	\$ 1,200	
		PIPE WORK							
370		FURNISH AND INSTALL NEW VENT PIPE SIZE: 2"	3506	10%	3857	LF	\$ 14.4	\$ 55,400	
371		FURNISH AND INSTALL NEW VENT PIPE SIZE: 3"	101	10%	111	LF	\$ 19.2	\$ 2,134	
372		FURNISH AND INSTALL NEW VENT PIPE SIZE: 4"	36	10%	40	LF	\$ 23.6	\$ 936	
373		FURNISH AND INSTALL NEW VENT PIPE SIZE: 10"	41	10%	45	LF	\$ 46.2	\$ 2,082	
374		FURNISH AND INSTALL NEW WATER SUPPLY PIPE SIZE: 2"	2047	10%	2252	LF	\$ 14.4	\$ 32,346	
375		FURNISH AND INSTALL NEW WATER SUPPLY PIPE SIZE: 3"	292	10%	321	LF	\$ 19.2	\$ 6,170	
376		FURNISH AND INSTALL NEW WATER SUPPLY PIPE SIZE: 1 1/2"	210	10%	231	LF	\$ 11.6	\$ 2,690	
377		FURNISH AND INSTALL NEW WATER SUPPLY PIPE SIZE: 1 1/4"	91	10%	100	LF	\$ 10.7	\$ 1,072	
378		FURNISH AND INSTALL NEW WATER SUPPLY PIPE SIZE: 4"	63	10%	69	LF	\$ 23.6	\$ 1,638	

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379		FURNISH AND INSTALL NEW SANITRY PIPE SIZE: 4"	2866	10%	3153	LF	\$	23.6	\$	74,496	
380	DWG# P-301, 302, 303, 304, 305, 306	FURNISH AND INSTALL NEW SANITRY PIPE SIZE: 6"	194	10%	213	LF	\$	33.2	\$	7,092	
381		FURNISH AND INSTALL NEW STORM (ST) PIPE SIZE: 10"	75	10%	83	LF	\$	46.2	\$	3,808	
382		FURNISH AND INSTALL NEW STORM (ST) PIPE SIZE: 3"	36	10%	40	LF	\$	19.2	\$	761	
383		FURNISH AND INSTALL NEW STORM (ST) PIPE SIZE: 6"	396	10%	436	LF	\$	33.2	\$	14,477	
384		FURNISH AND INSTALL NEW STORM (ST) PIPE SIZE: 8"	435	10%	479	LF	\$	38.8	\$	18,547	
385		FURNISH AND INSTALL NEW (PD) PIPE SIZE: 4"	285	10%	314	LF	\$	23.6	\$	7,408	
386		FURNISH AND INSTALL NEW GAS PIPE SIZE: 1 1/4"	190	10%	209	LF	\$	10.7	\$	2,238	
387		FURNISH AND INSTALL NEW GAS PIPE SIZE: 2"	235	10%	259	LF	\$	14.4	\$	3,713	
388		FURNISH AND INSTALL NEW GAS PIPE SIZE: 3"	167	10%	184	LF	\$	19.2	\$	3,529	
389		FURNISH AND INSTALL NEW GAS PIPE SIZE: 5"	115	10%	127	LF	\$	29.3	\$	3,710	
390		ALLOWANCE PROVIDE FOR WATER SUPPLY BRANCHES AREA: 196511	1	0%	1	LS	\$	20,000.0	\$	20,000	
		DRAIN	<i>World Estimating</i>								
391		FD: FURNISH AND INSTALL NEW FLOOR DRAIN SIZE: 3"	199	0%	199	EA	\$	600.0	\$	119,400	
392		FD: FURNISH AND INSTALL NEW FLOOR DRAIN SIZE: 4"	9	0%	9	EA	\$	600.0	\$	5,400	
393		ORD: FURNISH AND INSTALL NEW OVER ROOF DRAIN DRAIN SIZE: 3"	20	0%	20	EA	\$	600.0	\$	12,000	
394		ORD: FURNISH AND INSTALL NEW OVER ROOF DRAIN DRAIN SIZE: 6"	3	0%	3	EA	\$	700.0	\$	2,100	
395	DWG# P-301, 302, 303, 304, 305, 306	RD: FURNISH AND INSTALL NEW ROOF DRAIN SIZE: 6"	3	0%	3	EA	\$	700.0	\$	2,100	
396		RD: FURNISH AND INSTALL NEW ROOF DRAIN SIZE: 3"	20	0%	20	EA	\$	600.0	\$	12,000	
397		AD: FURNISH AND INSTALL NEW AREA DRAIN SIZE: 4"	7	0%	7	EA	\$	600.0	\$	4,200	
398		CODP: FURNISH AND INSTALL NEW CODP SIZE: 4"	1	0%	1	EA	\$	600.0	\$	600	
399		FURNISH AND INSTALL NEW CLEAN OUT	49	0%	49	EA	\$	450.0	\$	22,050	
		HEATER									
400		HWH-1: FURNISH AND INSTALL NEW HOT WATER HEATER, SMITH, PROLINE, MODEL: ENT-50,	199	0%	199	EA	\$	700.0	\$	139,300	

401	DWG# P-301, 302, 303, 304, 305, 306	HWH: INSTANTANEOUS ELECTRIC HWH EEMAX, MOD: EX55T- ML 208V, 5.5 KW	1	0%	1	EA	\$ 700.0	\$ 700
		METER						
402	DWG# P-301	FURNISH AND INSTALL NEW GAS METER	1	0%	1	EA	\$ 400.0	\$ 400
		TANK						
403	DWG# P-301	DETENTION TANK	1	0%	1	EA	\$ 3,000.0	\$ 3,000
		PUMP SCHEDULE						
404	DWG# P-301	WB-1: TRIPLEX CONSTANT PRESSURE BOOSTER SYSTEM, GPM: 110, MODEL: 2300, MOD#CR15-4 (SICO), RPM: 3500	1	0%	1	EA	\$ 20,000.0	\$ 20,000
405		SP-1: DUPLEX SEWAGE PUMP, GPM: 100, MODEL: VSA-4F-1.5-4, RPM: 1750,	2	0%	2	EA	\$ 4,500.0	\$ 9,000
406		SP-2: DUPLEX SUMP PUMP, GPM: 100, MODEL: VSP-2C-2-4, RPM: 1750,	1	0%	1	EA	\$ 4,500.0	\$ 4,500
407		SP-3: DUPLEX SUMP PUMP, GPM: 45, MODEL: SE50 (ST), RPM: 3600,	1	0%	1	EA	\$ 3,500.0	\$ 3,500
		VALVES						
408	DWG# P-301, 302, 303, 304, 305, 306	ALLOWANCE PROVIDED FOR VALVES AREA: 196511 SF	1	0%	1	LS	\$ 150,000.0	\$ 150,000

DIV. 23

MECHANICAL WORKS

\$ 1,544,426

DUCT WORK

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RETURN AIR

409	M101, M301-M307	8x6 RETRUN AIR DUCT	45	10%	50	LF	11.6	\$ 577
410		12x10 RETRUN AIR DUCT	46	10%	51	LF	13.2	\$ 668
411		20x12 RETRUN AIR DUCT	41	10%	45	LF	15.2	\$ 684
412		16x10 RETRUN AIR DUCT	57	10%	63	LF	14	\$ 884
413		10x8 RETRUN AIR DUCT	190	10%	209	LF	12.4	\$ 2,588
414		26x14 RETRUN AIR DUCT	43	10%	47	LF	16.8	\$ 794
415		30x24 RETRUN AIR DUCT	34	10%	38	LF	19.6	\$ 739
416		16x8 RETRUN AIR DUCT	81	10%	89	LF	14	\$ 1,248
417		18x8 RETRUN AIR DUCT	57	10%	63	LF	14.4	\$ 903
418		26x12 RETRUN AIR DUCT	23	10%	25	LF	16.4	\$ 412
419		30x14 RETRUN AIR DUCT	21	10%	23	LF	17.6	\$ 404
420		32x18 RETRUN AIR DUCT	45	10%	50	LF	18.8	\$ 934
421		12x6 RETRUN AIR DUCT	35	10%	39	LF	12.4	\$ 481
422		8x8 RETURN AIR DUCT	262	10%	288	LF	12	\$ 3,452
423	6x4 RETRUN AIR DUCT	2856	10%	3141	LF	10.8	\$ 33,928	
424	10x6 RETRUN AIR DUCT	45	10%	50	LF	12	\$ 600	
425	6x6 RETURN AIR DUCT	192	10%	211	LF	11.2	\$ 2,363	
426	26x22 RETURN AIR DUCT	37	10%	40	LF	18.4	\$ 740	

427		12x8 RETRUN AIR DUCT	3	10%	3	LF	12.8 \$	42
428		18x10 RETURN AIR DUCT	2	10%	2	LF	14.4 \$	32
429		10x10 RETRUN AIR DUCT	139	10%	153	LF	12.8 \$	1,957
430		14x8 RETRUN AIR DUCT	104	10%	114	LF	13.2 \$	1,510
431		20x8 RETRUN AIR DUCT	34	10%	37	LF	14.4 \$	539
SUPPLY AIR								
432		18x12 SUPPLY AIR DUCT	28	10%	30	LF	14.8 \$	450
433		16x8 SUPPLY AIR DUCT	34	10%	37	LF	13.6 \$	503
434		10x8 SUPPLY AIR DUCT	101	10%	111	LF	12.4 \$	1,380
435		16x10 SUPPLY AIR DUCT	27	10%	30	LF	14 \$	419
436		30x24 SUPPLY AIR DUCT	76	10%	83	LF	19.6 \$	1,635
437	M101, M301-M307	12x6 FRESH AIR DUCT	32	10%	35	LF	12.4 \$	438
438		18x10 SUPPLY AIR DUCT	3	10%	3	LF	14.4 \$	50
439		18x8 SUPPLY AIR DUCT	12	10%	13	LF	14 \$	178
440		20x10 SUPPLY AIR DUCT	14	10%	16	LF	14.8 \$	234
441		12x8 SUPPLY AIR DUCT	27	10%	29	LF	12.8 \$	377
442		6" DIA SUPPLY AIR DUCT	40	10%	44	LF	11.2 \$	493
443		6x6 SUPPLY AIR DUCT	49	10%	54	LF	11.2 \$	604
EXHAUST AIR								
444	M101, M301-M307	8x8 EXHAUST AIR DUCT	18	10%	20	LF	12 \$	238
EQUIPMENT								
445		AH-1: AIR HANDLING UNIT	5	0%	5	EA	2000 \$	10,000
446		1.5 T AIR HANDLING UNIT	120	0%	120	EA	3000 \$	360,000
447	M101, M301-M307	0.75 T AIR HANDLING UNIT	39	0%	39	EA	1500 \$	58,500
448		2.0 T AIR HANDLING UNIT	84	0%	84	EA	4000 \$	336,000
449		1.0 T AIR HANDLING UNIT	17	0%	17	EA	2000 \$	34,000
450		0.6 T AIR HANDLING UNIT	70	0%	70	EA	1500 \$	105,000
GRILLES								
451		RETURN AIR DIFFUSER	249	0%	249	EA	200 \$	49,800
452	M101, M301-M307	RETURN AIR GRILLE	378	0%	378	EA	200 \$	75,600
453		SUPPLY AIR DIFFUSER	11	0%	11	EA	200 \$	2,200
MISC.								
454		FIRE DAMPER	400	0%	400	EA	200 \$	80,000
455	M101, M301-M307	MOTORIZED DAMPER	27	0%	27	EA	250 \$	6,750
456		THERMOSTAT	377	0%	377	EA	300 \$	113,100
457		ALLOWANCE FOR FITTINGS, VALVES & MISC. ITEMS	1	0%	1	LS	250000	250000
DIV. 26 ELECTRICAL WORKS								\$ 1,883,820
458		PROVIDE ALLOWANCE FOR ELECTRICAL WIRING (196511 SF)	1	0%	1	LS	500000 \$	500,000

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		LIGHT FIXTURES						
459		F5: LED WALL MOUNTED LIGHT AT EXTERIOR MANUFACTURER: RAB LIGHTING MODEL# SLIM12/PC	14	0%	14	EA	500 \$	7,000
460		F9: 48" T8 LINEAR FLUORESCENT W/OCCUPANCY SENSOR MANUFACTURER: LAMAR LIGHTING MODEL# WHITE	121	0%	121	EA	500 \$	60,500
461		FA: 24" T8 LINEAR FLUORESCENT W/OCCUPANCY SENSOR MANUFACTURER: LAMAR LIGHTING MODEL# WHITE	11	0%	11	EA	450 \$	4,950
462	E100-E105, E001	LT10: LED RECESSED DOWNLIGHT MANUFACTURER: EDGE MODEL# WHITE	8	0%	8	EA	450 \$	3,600
463		LT03: LIGHT FIXTURE NOTE: SPECS NOT GIVEN	31	0%	31	EA	450 \$	13,950
464		LT05: LIGHT FIXTURE NOTE: SPECS NOT GIVEN	1530	0%	1530	EA	450 \$	688,500
465		LT07: LIGHT FIXTURE NOTE: SPECS NOT GIVEN	5	0%	5	EA	450 \$	2,250
466		LT08: LIGHT FIXTURE NOTE: SPECS NOT GIVEN	187	0%	187	EA	450 \$	84,150
		SWITCHES						
467		WALL MOUNTED ONE-WAY SWITCH	34	0%	34	EA	240 \$	8,160
468	E100-E105, E001	WALL MOUNTED THREE-WAY SWITCH	19	0%	19	EA	240 \$	4,560
469		DAYLIGHT SWITCH	19	0%	19	EA	240 \$	4,560
		DETECTORS & SENSORS						
470		CARBON MONOXIDE DETECTION PANEL	1	0%	1	EA	1000 \$	1,000
471		COMBINED CARBON MONOXIDE/SMOKE DETECTOR W/INTEGRAL AUDIBLE ALARM	2	0%	2	EA	300 \$	600
472	E100-E105, E001	CEILING MOUNTED OCCUPANCY SENSOR MANUFACTURER: SENSORSWITCH MODEL# CM-PDT-9	95	0%	95	EA	300 \$	28,500
473		CEILING MOUNTED OCCUPANCY SENSOR, RESISTANT TO LOW TEMPERATURE MANUFACTURER: SENSORSWITCH MODEL# CM-PDT-9-LT	22	0%	22	EA	300 \$	6,600
		OUTLETS						
474	E100-E105, E001	18" AF.F. TELEPHONE/DATA OUTLET	6	0%	6	EA	240 \$	1,440
475		WALL MOUNTED CABLE TV OUTLET	6	0%	6	EA	240 \$	1,440
		RECEPTACLES						
476		WALL MOUNTED DUPLEX RECEPTACLE MANUFACTURER: NEMA	97	0%	97	EA	240 \$	23,280

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477	E100-E105, E001	WALL MOUNTED GFI DUPLEX RECEPTACLE MANUFACTURER: NEMA	16	0%	16	EA	260 \$	4,160	
478		WALL MOUNTED GFI WEATHERPROOF DUPLEX RECEPTACLE MANUFACTURER: NEMA	1	0%	1	EA	270 \$	270	
479		WALL MOUNTED QUADDUPLEX RECEPTACLE MANUFACTURER: NEMA	3	0%	3	EA	240 \$	720	
		PUMPS							
480	E100	DUPLEX SEWAGE PUMP	1	0%	1	EA	650 \$	650	
481		DUPLEX SUMP PUMP	1	0%	1	EA	650 \$	650	
482		TRIPLEX BOOSTER PUMP	1	0%	1	EA	650 \$	650	
		MISC.							
483	E100-E105, E001	CEILING MOUNTED JUNCTION BOX	41	0%	41	EA	280 \$	11,480	
484		MANUAL MOTOR STARTER W/THERMAL OVERLOAD	11	0%	11	EA	300 \$	3,300	
485		NETWORK INTERFACE DEVICE	1	0%	1	EA	400 \$	400	
486		PHOTOCELL	7	0%	7	EA	240 \$	1,680	
487		DOOR BELL	7	0%	7	EA	260 \$	1,820	
		ELECTRICAL PANELS							
488	E100-E105, E200	HP-1: 3-PHASE CAPACITY: 300A, 120/208 VOLTS	1	0%	1	EA	2500 \$	2,500	
489		HP-2: 3-PHASE CAPACITY: 300A, 120/208 VOLTS	1	0%	1	EA	2500 \$	2,500	
490		HP-3: 3-PHASE CAPACITY: 100A, 120/208 VOLTS	1	0%	1	EA	2000 \$	2,000	
491		HP-R: 3-PHASE CAPACITY: 100A, 120/208 VOLTS	1	0%	1	EA	2000 \$	2,000	
492		GARAGE#1: 3-PHASE CAPACITY: 150A, 120/208 VOLTS	1	0%	1	EA	2000 \$	2,000	
493		GARAGE#2: 3-PHASE CAPACITY: 150A, 120/208 VOLTS	1	0%	1	EA	2000 \$	2,000	
494		GARAGE#3: 3-PHASE CAPACITY: 125A, 120/208 VOLTS	1	0%	1	EA	2000 \$	2,000	
495		COMM. ROOM: 3-PHASE CAPACITY: 125A, 120/208 VOLTS	1	0%	1	EA	2000 \$	2,000	
496		REC: 3-PHASE CAPACITY: 125A, 120/208 VOLTS	1	0%	1	EA	2000 \$	2,000	
497		APPARTMENT PANEL: 1-PHASE CAPACITY: 100A, 120/208 VOLTS	190	0%	190	EA	2000 \$	380,000	
498		COMMON SPACE: 3-PHASE CAPACITY: 1200A, 120/208 VOLTS	1	0%	1	EA	7000 \$	7,000	
499		MAN SPACE: 3-PHASE CAPACITY: 1200A, 120/208 VOLTS	1	0%	1	EA	7000 \$	7,000	
DIV. 31		EARTHWORK						\$ 851,461	

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		EXCAVATION								
500	FO-100, S010-S070, S304	EXCAVATION FOR FOOTINGS, CELLAR & PIT	21883	10%	24072	CY	30	\$	722,155	
501	FO-100, S010-S070,	BACKFILL FOR FOOTINGS, CELLAR & PIT	4259	10%	4684	CY	25	\$	117,109	
502	S304	6" GRAVEL BASE UNDER SLAB	444	10%	488	CY	25	\$	12,197	
SUB TOTAL									\$ 35,038,313	\$ 35,038,313
OVERHEAD & PROFIT (25%)								25%	\$ 8,759,578	\$ 8,759,578
TOTAL BID									\$ 43,797,892	\$ 43,797,892