

Detailed Estimate														
ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
GENERAL														
1				Permit	1	0%	1	LS	\$	-	\$	-	\$	-
2				Surveying	1	0%	1	LS	\$	-	\$	-	\$	-
3				Final Cleanup	1	0%	1	LS	\$	-	\$	-	\$	-
4				Mobilization Cost	1	0%	1	LS	\$	-	\$	-	\$	-
5				Protect Overhead	1	0%	1	LS	\$	-	\$	-	\$	-
6				Bonds	1	0%	1	LS	\$	-	\$	-	\$	-
7				Fees (Architect & Engineer)	1	0%	1	LS	\$	-	\$	-	\$	-
8				Temporary Control & Facilities	1	0%	1	LS	\$	-	\$	-	\$	-
9				Scaffolding	22,000	10%	24,200	SF	\$ 1.20	\$ 1.11	\$ 29,040	\$ 26,862	\$ 55,902	\$
DEMOLITION														
Demolition														
10				Stop Sign to be Relocated	1	0%	1	EA	\$	-	\$ 112.00	\$	\$ 112	\$ 112
11				Existing Curb Cut to be removed	18	0%	18	LF	\$	-	\$ 12.50	\$	\$ 224	\$ 224
12				Shed to be Removed	172	0%	172	SF	\$	-	\$ 3.50	\$	\$ 602	\$ 602
13				Remove Sidewalk	290	0%	290	SF	\$	-	\$ 2.20	\$	\$ 637	\$ 637
14				Fence to be Removed	63	0%	63	LF	\$	-	\$ 10.00	\$	\$ 631	\$ 631
15				Fence to be Relocated	1	0%	1	EA	\$	-	\$ 344.00	\$	\$ 344	\$ 344
16				Remove Existing Curb	56	0%	56	LF	\$	-	\$ 12.50	\$	\$ 699	\$ 699
17				New Cut 12' off Curb	29	0%	29	LF	\$	-	\$ 6.50	\$	\$ 191	\$ 191
18				Islands to be Removed	5	0%	5	EA	\$	-	\$ 140.00	\$	\$ 700	\$ 700
19				Parking Lot to be Milled & Resurfaced	9823	0%	9,823	SF	\$	-	\$ 0.68	\$	\$ 6,680	\$ 6,680
CONCRETE														
Footings														
20				(12"x12") Strip Footing W/ Reinforced	6	10%	6	CY	\$ 297.00	\$ 223.00	\$ 1,818	\$ 1,365	\$ 3,183	
21				(18"x24") Strip Footing W/ 307 & #4 @ 12" OC	47	10%	52	CY	\$ 297.00	\$ 223.00	\$ 15,302	\$ 11,490	\$ 26,792	
22				(6"x12") Strip Footing W/ Reinforced	1	10%	1	CY	\$ 297.00	\$ 223.00	\$ 273	\$ 205	\$ 478	
23				(4'-0"x4'-0"x3'-0") Isolated Footing W/ 408 EW	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 581	\$ 436	\$ 1,017	
24				(5'-0"x5'-0"x4'-0") Isolated Footing W/ 508 EW	6	10%	6	CY	\$ 297.00	\$ 223.00	\$ 1,815	\$ 1,363	\$ 3,178	
25				(6'-0"x6'-0"x4'-0") Isolated Footing W/ 608 EW	36	10%	40	CY	\$ 297.00	\$ 223.00	\$ 11,520	\$ 8,831	\$ 20,351	
26				(8'-0"x8'-0"x3'-0") Isolated Footing W/ 809 EW	85	10%	94	CY	\$ 297.00	\$ 223.00	\$ 27,878	\$ 20,932	\$ 48,811	
27				(8'-0"x8'-0"x4'-0") Isolated Footing W/ 809 EW	19	10%	21	CY	\$ 297.00	\$ 223.00	\$ 6,195	\$ 4,652	\$ 10,847	
28				(10'-0"x10'-0"x4'-0") Isolated Footing W/ 1010 EW	8	10%	9	CY	\$ 297.00	\$ 223.00	\$ 2,684	\$ 2,002	\$ 4,686	
29				(12'-0"x12'-0"x4'-0") Isolated Footing W/ 1809 EW	85	10%	94	CY	\$ 297.00	\$ 223.00	\$ 27,878	\$ 20,932	\$ 48,811	
30				(14'-0"x14'-0"x4'-0") Isolated Footing W/ 2208 EW	58	10%	64	CY	\$ 297.00	\$ 223.00	\$ 18,972	\$ 14,246	\$ 33,218	
31				8"x24" Concrete Reinforced Footing	1	10%	2	CY	\$ 297.00	\$ 223.00	\$ 486	\$ 365	\$ 852	
32				2'-0" Dia X 4'-0" Deep Island Footing	1	10%	2	CY	\$ 297.00	\$ 223.00	\$ 486	\$ 365	\$ 852	
Beams														
33				(10'-0"x24") Cast in Place Transfer Beam W/ 207 T&B	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 495	\$ 371	\$ 866	
34				(12'-0"x24") Cast in Place Transfer Beam W/ 207 T&B	1	10%	1	CY	\$ 297.00	\$ 223.00	\$ 392	\$ 294	\$ 686	
35				(40'-0"x8") Cast in Place Transfer Beam W/ 3609 Top & 1209 Bottom Bars	12	10%	13	CY	\$ 297.00	\$ 223.00	\$ 3,901	\$ 2,929	\$ 6,830	
36				(40'-0"x8") Cast in Place Transfer Beam W/ 2409 Top & 2409 Bottom Bars	8	10%	9	CY	\$ 297.00	\$ 223.00	\$ 2,753	\$ 2,067	\$ 4,820	
37				(24'-0"x8") Cast in Place Transfer Beam W/ 1208 Top & 608 Bottom Bars	4	10%	4	CY	\$ 297.00	\$ 223.00	\$ 1,147	\$ 861	\$ 2,008	
38				(30'-0"x8") Cast in Place Transfer Beam W/ 2009 Top & 1010 Bottom Bars	6	10%	7	CY	\$ 297.00	\$ 223.00	\$ 1,947	\$ 1,462	\$ 3,409	
39				(16'-0"x8") Cast in Place Transfer Beam W/ 1209 Top & 1209 Bottom Bars	27	10%	30	CY	\$ 297.00	\$ 223.00	\$ 8,884	\$ 6,671	\$ 15,555	
40				(24'-0"x8") Cast in Place Transfer Beam W/ 1009 Top & 509 Bottom Bars	11	10%	12	CY	\$ 297.00	\$ 223.00	\$ 3,552	\$ 2,667	\$ 6,220	
41				(26'-0"x8") Cast in Place Transfer Beam W/ 1009 Top & 509 Bottom Bars	9	10%	10	CY	\$ 297.00	\$ 223.00	\$ 2,984	\$ 2,240	\$ 5,224	
42				(24'-0"x8") Cast in Place Transfer Beam W/ 1009 Top & 509 Bottom Bars	4	10%	5	CY	\$ 297.00	\$ 223.00	\$ 1,454	\$ 1,090	\$ 2,544	
43				(28'-0"x8") Cast in Place Transfer Beam W/ 1009 Top & 509 Bottom Bars	5	10%	6	CY	\$ 297.00	\$ 223.00	\$ 1,727	\$ 1,297	\$ 3,023	
44				(20'-0"x8") Cast in Place Transfer Beam W/ 1009 Top & 509 Bottom Bars	5	10%	5	CY	\$ 297.00	\$ 223.00	\$ 1,477	\$ 1,109	\$ 2,587	
45				(20'-0"x8") Cast in Place Transfer Beam W/ 1009 Top & 509 Bottom Bars	27	10%	30	CY	\$ 297.00	\$ 223.00	\$ 8,927	\$ 6,714	\$ 15,641	
46				(12'-0"x8") Link Beam W/ 4010 T&B	1	10%	2	CY	\$ 297.00	\$ 223.00	\$ 485	\$ 364	\$ 849	
47				(12'-0"x8") Link Beam W/ 4011 T&B	1	10%	1	CY	\$ 297.00	\$ 223.00	\$ 253	\$ 195	\$ 448	
48				(12'-0"x8") Link Beam W/ 4010 T&B	4	10%	4	CY	\$ 297.00	\$ 223.00	\$ 1,284	\$ 964	\$ 2,249	
49				(8'-0"x24") Link Beam W/ 207 T&B	3	10%	3	CY	\$ 297.00	\$ 223.00	\$ 892	\$ 670	\$ 1,562	
50				(8'-0"x16") Link Beam W/ 207 T&B	5	10%	5	CY	\$ 297.00	\$ 223.00	\$ 1,485	\$ 1,117	\$ 2,602	
51				(12'-0"x8") Link Beam W/ 4010 T&B	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 485	\$ 364	\$ 849	
52				(36'-0"x8") Cast in Place Transfer Beam W/ 3209 Top & 3209 Bottom Bars	9	10%	10	CY	\$ 297.00	\$ 223.00	\$ 2,949	\$ 2,215	\$ 5,164	
53				(14'-0"x24") Cast in Place Beam W/ 808 Top & 408 Bottom Bars	4	10%	5	CY	\$ 297.00	\$ 223.00	\$ 1,485	\$ 1,117	\$ 2,602	
54				(16'-0"x24") Cast in Place Beam W/ 808 Top & 408 Bottom Bars	4	10%	5	CY	\$ 297.00	\$ 223.00	\$ 1,485	\$ 1,117	\$ 2,602	
55				(24'-0"x24") Cast in Place Beam W/ 808 Top & 408 Bottom Bars	11	10%	12	CY	\$ 297.00	\$ 223.00	\$ 3,091	\$ 2,372	\$ 5,463	
56				(24'-0"x24") Tie Beam W/ 8010 T&B	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 594	\$ 450	\$ 1,044	
57				(24'-0"x24") Tie Beam W/ 1010 T&B	17	10%	18	CY	\$ 297.00	\$ 223.00	\$ 5,346	\$ 4,108	\$ 9,454	
58				(36'-0"x8") Tie Beam W/ 12011 T&B	4	10%	5	CY	\$ 297.00	\$ 223.00	\$ 1,485	\$ 1,117	\$ 2,602	
FOUNDATION														
5' Deep Mat Foundation W/ #4 @ 12"OC (1200 SF)														
222					222	10%	244	CY	\$ 297.00	\$ 223.00	\$ 72,440	\$ 54,391	\$ 126,831	
5' Deep Mat Foundation W/ #4 @ 12"OC (120 SF)														
22					22	10%	25	CY	\$ 297.00	\$ 223.00	\$ 7,319	\$ 5,495	\$ 12,814	
4'-0"x4'-0"x4'-0" Deep Stem Pile														
7					7	10%	8	CY	\$ 297.00	\$ 223.00	\$ 2,323	\$ 1,744	\$ 4,068	
Walls W/ Reinforced														
12				Concrete Wall	325	10%	357	CY	\$ 297.00	\$ 223.00	\$ 106,072	\$ 79,643	\$ 185,715	
20				Concrete Wall	93	10%	102	CY	\$ 297.00	\$ 223.00	\$ 30,311	\$ 22,738	\$ 53,049	
8				Concrete Wall	285	10%	311	CY	\$ 297.00	\$ 223.00	\$ 8,168	\$ 6,133	\$ 14,300	
10				Concrete Wall	301	10%	331	CY	\$ 297.00	\$ 223.00	\$ 9,825	\$ 7,372	\$ 17,197	
Slab														
6" Concrete Slab on Grade W/ Reinforced (9620 SF)														
3				Mud Slab	183	10%	201	CY	\$ 324.00	\$ 250.00	\$ 65,221	\$ 50,325	\$ 115,546	
Vapor Barrier														
12				Ramp Slab W/ #6 @ 8"OC & #4 @ 12"OC (2110 SF)	78	10%	86	CY	\$ 346.00	\$ 258.00	\$ 29,666	\$ 22,121	\$ 51,786	
Vapor Barrier														
10				Slab W/ #5 @ 12" T&B (9370 SF)	289	10%	317	CY	\$ 297.00	\$ 223.00	\$ 94,890	\$ 70,646	\$ 165,536	
8				Slab W/ #5 @ 12" OC T&B EW (6412 SF)	180	10%	197	CY	\$ 297.00	\$ 223.00	\$ 58,982	\$ 43,930	\$ 102,912	
12				Slab W/ #5 @ 12" OC T&B (1205 SF)	46	10%	51	CY	\$ 297.00	\$ 223.00	\$ 15,064	\$ 11,310	\$ 26,374	
10				Slab W/ #5 @ 12" OC T&B EW (3513 SF)	71	10%	78	CY	\$ 297.00	\$ 223.00	\$ 23,296	\$ 17,452	\$ 40,748	
8				Slab W/ #4 @ 12" OC EW (6020 SF)	1640	10%	1,804	CY	\$ 297.00	\$ 223.00	\$ 535,794	\$ 402,296	\$ 938,090	
12				Slab W/ #5 @ 12" OC T&B EW (7242 SF)	268	10%	295	CY	\$ 297.00	\$ 223.00	\$ 87,636	\$ 65,756	\$ 153,392	
Concrete Columns														
14				Column W/ 806 Rebar	9	10%	10	CY	\$ 297.00	\$ 223.00	\$ 2,982	\$ 2,236	\$ 5,218	
16				Column W/ 1407 Rebar	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 598	\$ 452	\$ 1,050	
12				Column W/ 1807 Rebar	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 632	\$ 474	\$ 1,106	
17				Column W/ 1206 Rebar	5	10%	5	CY	\$ 297.00	\$ 223.00	\$ 1,413	\$ 1,075	\$ 2,488	
17				Column W/ 1006 Rebar	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 599	\$ 450	\$ 1,049	
18				Column W/ 806 Rebar	57	10%	63	CY	\$ 297.00	\$ 223.00	\$ 18,611	\$ 13,974	\$ 32,585	
18				Column W/ 807 Rebar	10	10%	11	CY	\$ 297.00	\$ 223.00	\$ 3,268	\$ 2,478	\$ 5,746	
18				Column W/ 1006 Rebar	39	10%	43	CY	\$ 297.00	\$ 223.00	\$ 12,836	\$ 9,638	\$ 22,473	
81				Column W/ 14010 Rebar	7	10%	7	CY	\$ 297.00	\$ 223.00	\$ 2,173	\$ 1,631	\$ 3,804	
82				Column W/ 1008 Rebar	12	10%	13	CY	\$ 297.00	\$ 223.00	\$ 3,861	\$ 2,924	\$ 6,785	
83				Column W/ 14010 Rebar	2	10%	2	CY	\$ 297.00	\$ 223.00	\$ 594	\$ 450	\$ 1,044	
84				Column W/ 14010 Rebar	3	10%	3	CY	\$ 297.00	\$ 223.00	\$ 862	\$ 648	\$ 1,510	
85														

ITEM	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
120				C12x30	20	10%	22	LF	\$ 13.66	\$ 42.50	\$ 278.92	\$ 934	\$ 1,212.92	
121				W12x35	1	10%	1.1	LF	\$ 76.04	\$ 15.18	\$ 83.68	\$ 348	\$ 431.68	
122				(2) 4"x10'-6" Metal Canopy	1	10%	1	EA	\$ 784.00	\$ 622.00	\$ 1,406.00	\$ 684	\$ 2,090.00	
123				W16x35	61	10%	67.1	LF	\$ 76.04	\$ 15.18	\$ 6,065.64	\$ 1,713	\$ 7,778.64	
124				W16x48	83	10%	91.3	LF	\$ 104.00	\$ 22.00	\$ 9,524.00	\$ 2,086	\$ 11,610.00	
125				W12x30	8	10%	8.8	LF	\$ 68.00	\$ 15.00	\$ 598.40	\$ 126	\$ 724.40	
126				W16x48 Hoist Beam	19	10%	20.9	LF	\$ 104.00	\$ 22.00	\$ 2,176.00	\$ 460	\$ 2,636.00	
127				Grating	228	10%	250.8	SF	\$ 14.20	\$ 8.60	\$ 3,554.40	\$ 2,153	\$ 5,707.40	
128				15SSteel3x8	50	10%	55	LF	\$ 37.86	\$ 11.93	\$ 2,082.30	\$ 656	\$ 2,738.30	
129				24"W Metal Canopy	33	10%	36.3	LF	\$ 24.20	\$ 11.00	\$ 878.80	\$ 399	\$ 1,277.80	
130				Railings	197	10%	216	LF	\$ 58.20	\$ 17.30	\$ 12,581.40	\$ 3,740	\$ 16,321.40	
141				Guardrail	418	10%	460	LF	\$ 44.30	\$ 15.20	\$ 20,369.00	\$ 6,909	\$ 27,278.00	
142				Handrail	464	10%	510	LF	\$ 41.87	\$ 13.50	\$ 20,962.00	\$ 6,890	\$ 27,852.00	
143				Stairs										
143				Stairs A										
143				3-8"W Metal Stairs, No. of 2 1/2" H Risers	149	0%	149	RISERS	\$ 135.00	\$ 31.00	\$ 20,115.00	\$ 4,619	\$ 24,734.00	
144				Stairs B										
144				3-8"W Metal Stairs, No. of 2 1/2" H Risers	149	0%	149	RISERS	\$ 135.00	\$ 31.00	\$ 20,115.00	\$ 4,619	\$ 24,734.00	
145				Stairs C										
145				7-6"W Metal Stairs, No. of 2 1/2" H Risers	35	0%	35	RISERS	\$ 184.00	\$ 56.00	\$ 6,440.00	\$ 1,960	\$ 8,400.00	
146				Stairs D										
146				9-6"W Metal Stairs, No. of 2 1/2" H Risers	33	0%	33	RISERS	\$ 239.00	\$ 72.00	\$ 7,887.00	\$ 2,376	\$ 10,263.00	
147				Stairs E										
147				9-6"W Metal Stairs, No. of 2 1/2" H Risers	6	0%	6	RISERS	\$ 239.00	\$ 72.00	\$ 1,434.00	\$ 432	\$ 1,866.00	
148				Stairs F										
148				9-6"W Metal Stairs, No. of 2 1/2" H Risers	6	0%	6	RISERS	\$ 239.00	\$ 72.00	\$ 1,434.00	\$ 432	\$ 1,866.00	
149				WOOD, PLASTER & COMPOSITES										
149				Trims	52,538	10%	58,232	LF	\$ 2.04	\$ 4.11	\$ 118,793.28	\$ 239,333	\$ 358,126.28	\$ 358,126.28
150				Foundation Wall	9,504	10%	10,454	SF	\$ 1.46	\$ 0.59	\$ 15,263.36	\$ 6,168	\$ 21,431.36	
151				1/2" Rigid Insulation	9,504	10%	10,454	SF	\$ 1.14	\$ 0.46	\$ 11,918.56	\$ 4,809	\$ 16,727.56	
152				Self Healing Liquid Aseptic Barrier	9,504	10%	10,454	SF	\$ 0.34	\$ 0.95	\$ 3,584.86	\$ 9,932	\$ 13,516.86	
153				F1-TAKL Standard (Composite Concrete Panel) Graphite, Smooth, Cast Finish or Equal	3,227	10%	3,550	SF	\$ 3.65	\$ 4.20	\$ 12,956.00	\$ 14,909	\$ 27,865.00	
154				F2-TAKL Standard (Composite Concrete Panel)Terrazzo, Vertical Arbon, Cast Finish or Equal	3,010	10%	3,311	SF	\$ 4.10	\$ 4.46	\$ 13,575.00	\$ 14,767	\$ 28,342.00	
155				F3-TAKL Standard (Composite Concrete Panel) Dune, Vertical Rio, Mediablast Finish or Equal	9,332	10%	10,265	SF	\$ 3.65	\$ 4.20	\$ 37,468.00	\$ 43,114	\$ 80,582.00	
156				F4-Alcohold Plus (Aluminum Panel) Steel City Silver Mica or Equal	3,405	10%	3,746	SF	\$ 14.48	\$ 4.85	\$ 54,328.00	\$ 18,166	\$ 72,494.00	
157				F5-Alcohold Plus (Aluminum Panel) Granite Mica, PVDF 3 or Equal	1,508	10%	1,659	SF	\$ 14.48	\$ 4.85	\$ 24,019.00	\$ 8,045	\$ 32,064.00	
158				F7-Colobed Concrete Base	352	10%	387	SF	\$ 3.97	\$ 4.02	\$ 1,557.00	\$ 1,557	\$ 3,114.00	
159				Roof Assembly - Foverak Pedals 1 1/2" - 1 1/4" Cavity - Fiber Fabric - 4" XPS (40 SPF) INSUL (R-5 / Inch) - 1/4" Drainage Mat - Liquid Applied Membrane Roofing	8,630	10%	9,493	SF	\$ 3.98	\$ 8.02	\$ 37,782.00	\$ 76,134	\$ 113,916.00	
160				Equipment Curb	77	10%	85	LF	\$ 6.87	\$ 21.30	\$ 582.00	\$ 1,804	\$ 2,386.00	
161				Drains	25	0%	25	EA	\$ 393.00	\$ 239.00	\$ 9,825.00	\$ 5,975	\$ 15,800.00	
162				Overflow Drain	25	0%	25	EA	\$ 393.00	\$ 239.00	\$ 9,825.00	\$ 5,975	\$ 15,800.00	
163				Roof Drain	25	0%	25	EA	\$ 393.00	\$ 239.00	\$ 9,825.00	\$ 5,975	\$ 15,800.00	
164				Scanner / Demount	1	0%	1	EA	\$ 427.00	\$ 194.00	\$ 427.00	\$ 194	\$ 621.00	
165				Scander	1	10%	1.1	LF	\$ 2.11	\$ 5.76	\$ 23.22	\$ 63	\$ 86.22	
166				Guardrail	274	10%	302	LF	\$ 234.00	\$ 44.00	\$ 70,579.00	\$ 13,271	\$ 83,850.00	
167				1/2" H Glass Guardrail	100	10%	110	LF	\$ 234.00	\$ 44.00	\$ 25,647.00	\$ 4,823	\$ 30,470.00	
168				Parapet	548	10%	603	SF	\$ 1.46	\$ 0.59	\$ 880.00	\$ 356	\$ 1,236.00	
169				Water Proofing	548	10%	603	SF	\$ 0.38	\$ 1.10	\$ 229.00	\$ 663	\$ 892.00	
170				Flashing w/ Counter	274	10%	301	LF	\$ 4.87	\$ 11.39	\$ 1,468.00	\$ 3,433	\$ 4,901.00	
171				Handrail	64	0%	64	EA	\$ 54.20	\$ 11.87	\$ 3,467.00	\$ 759	\$ 4,226.00	
172				Gate	1	10%	1	EA	\$ 982.00	\$ 402.00	\$ 1,080.00	\$ 442	\$ 1,522.00	
173				Roof Access	3	10%	3	SF	\$ 244.00	\$ 101.00	\$ 805.00	\$ 333	\$ 1,138.00	
174				18x18 Access Panel	21	0%	21	EA	\$ 319.00	\$ 128.00	\$ 6,699.00	\$ 2,608	\$ 9,307.00	
175				6-6" X 6" GDN Access	112	10%	124	LF	\$ 8.65	\$ 19.20	\$ 1,069.00	\$ 2,372	\$ 3,441.00	
176				Misc.	8	10%	9	LF	\$ 41.30	\$ 30.20	\$ 275.00	\$ 274	\$ 549.00	
177				4-6" X 6" Corner Divider	8	10%	9	LF	\$ 41.30	\$ 30.20	\$ 275.00	\$ 274	\$ 549.00	
178				WINDOWS										
178				A1-3-4 1/2" W X 6-5 1/2" H Window and Frame	2	0%	2	EA	\$ 545.00	\$ 242.00	\$ 1,090.00	\$ 484	\$ 1,574.00	
179				A2-3-4 1/2" W X 8-9 1/2" H Window and Frame	4	0%	4	EA	\$ 522.00	\$ 233.00	\$ 2,088.00	\$ 932	\$ 3,020.00	
180				AA-2-3 1/2" W X 8-9 1/2" H Window and Frame	5	0%	5	EA	\$ 412.00	\$ 195.00	\$ 2,060.00	\$ 975	\$ 3,035.00	
181				B1-6-6" W X 8-9 1/2" H Window and Frame	19	0%	19	EA	\$ 648.00	\$ 295.00	\$ 5,705.00	\$ 2,447	\$ 8,152.00	
182				B2-6-6" W X 8-9 1/2" H Window and Frame	8	0%	8	EA	\$ 813.00	\$ 376.00	\$ 6,084.00	\$ 3,008	\$ 9,092.00	
183				C1-6-6" W X 8-9 1/2" H Window and Frame	3	0%	3	EA	\$ 722.00	\$ 244.00	\$ 2,166.00	\$ 1,032	\$ 3,198.00	
184				C2-6-6" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 701.00	\$ 338.00	\$ 2,701.00	\$ 1,310	\$ 4,011.00	
185				D1-4-2 3/4" W X 6-5 1/2" H Window and Frame	1	0%	1	EA	\$ 578.00	\$ 260.00	\$ 1,156.00	\$ 520	\$ 1,676.00	
186				D2-8-6" W X 8-9 1/2" H Window and Frame	74	0%	74	EA	\$ 1,019.00	\$ 436.00	\$ 75,406.00	\$ 32,564	\$ 107,970.00	
187				D3-7-6" W X 8-9 1/2" H Window and Frame	24	0%	24	EA	\$ 958.00	\$ 420.00	\$ 23,640.00	\$ 10,800	\$ 34,440.00	
188				D4-7-6" W X 8-9 1/2" H Window and Frame	22	0%	22	EA	\$ 966.00	\$ 420.00	\$ 21,252.00	\$ 9,240	\$ 30,492.00	
189				D5-7-6" W X 8-9 1/2" H Window and Frame	9	0%	9	EA	\$ 940.00	\$ 401.00	\$ 8,460.00	\$ 3,669	\$ 12,129.00	
190				D6-7-6" W X 8-9 1/2" H Window and Frame	6	0%	6	EA	\$ 954.00	\$ 411.00	\$ 5,724.00	\$ 2,466	\$ 8,190.00	
191				D7-6-1 1/2" W X 8-9 1/2" H Window and Frame	2	0%	2	EA	\$ 878.00	\$ 418.00	\$ 1,756.00	\$ 836	\$ 2,592.00	
192				E1-7-8" W X 6-5 1/2" H Window and Frame	11	0%	11	EA	\$ 924.00	\$ 399.00	\$ 10,164.00	\$ 4,389	\$ 14,553.00	
193				E2-7-8" W X 6-5 1/2" H Window and Frame	5	0%	5	EA	\$ 895.00	\$ 386.00	\$ 4,475.00	\$ 1,920	\$ 6,395.00	
194				E3-7-8" W X 6-5 1/2" H Window and Frame	1	0%	1	EA	\$ 825.00	\$ 368.00	\$ 825.00	\$ 368	\$ 1,193.00	
195				F1-6-6" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 806.00	\$ 359.00	\$ 806.00	\$ 359	\$ 1,165.00	
196				F2-6-6" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 878.00	\$ 382.00	\$ 1,756.00	\$ 764	\$ 2,520.00	
197				F3-10-6" W X 8-9 1/2" H Window and Frame	8	0%	8	EA	\$ 1,146.00	\$ 474.00	\$ 9,168.00	\$ 3,792	\$ 12,960.00	
198				F4-10-6" W X 8-9 1/2" H Window and Frame	2	0%	2	EA	\$ 1,092.00	\$ 440.00	\$ 2,184.00	\$ 880	\$ 3,064.00	
199				G1-4-6" W X 6-5 1/2" H Window and Frame	1	0%	1	EA	\$ 600.00	\$ 275.00	\$ 3,000.00	\$ 1,375	\$ 4,375.00	
200				G2-4-6" W X 6-5 1/2" H Window and Frame	2	0%	2	EA	\$ 582.00	\$ 258.00	\$ 1,164.00	\$ 516	\$ 1,680.00	
201				H1-10-6" W X 8-9 1/2" H Window and Frame	6	0%	6	EA	\$ 765.00	\$ 432.00	\$ 4,590.00	\$ 2,592	\$ 7,182.00	
202				H2-10-6" W X 8-9 1/2" H Window and Frame	7	0%	7	EA	\$ 1,146.00	\$ 474.00	\$ 8,022.00	\$ 3,318	\$ 11,340.00	
203				K-6-6" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 712.00	\$ 420.00	\$ 712.00	\$ 420	\$ 1,132.00	
204				L-7-6" W X 8-9 1/2" H Window and Frame	2	0%	2	EA	\$ 600.00	\$ 275.00	\$ 1,200.00	\$ 800	\$ 2,000.00	
205				M-5-10" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 742.00	\$ 421.00	\$ 3,710.00	\$ 2,105	\$ 5,815.00	
206				M2-6-6" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 941.00	\$ 387.00	\$ 941.00	\$ 387	\$ 1,328.00	
207				O-7-6" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 640.00	\$ 402.00	\$ 640.00	\$ 402	\$ 1,042.00	
208				Q1-5-6" W X 7-4 1/2" H Window and Frame	1	0%	1	EA	\$ 714.00	\$ 411.00	\$ 714.00	\$ 411	\$ 1,125.00	
209				Q2-7-10" W X 7-4 1/2" H Window and Frame	1	0%	1	EA	\$ 888.00	\$ 440.00	\$ 888.00	\$ 440	\$ 1,328.00	
210				R-10-6" W X 8-9 1/2" H Window and Frame	1	0%	1	EA	\$ 839.00	\$ 426.00	\$ 839.00	\$ 426	\$ 1,265.00	
211				S-5-5 1/4" W X 4-4 1/4" H Window and Frame	1	0%	1	EA	\$ 964.00	\$ 445.00	\$ 964.00	\$ 445	\$ 1,409.00	
212				SHOREFRONS										
212				12-6" W X 12-4" H Shorefront	1	0%	1	EA	\$ 18,937.13	\$ 9,286.48	\$ 18,937.13	\$ 9,286	\$ 28,223.61	
213				22-6" W X 12-4" H										

ITEM	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST				
241				WB02: Johnsons Reveal 6" 282 Vaporize	1,296	10%	1,426	LF	\$	2.04	\$	2,908	\$	5,332	\$	8,240		
242				WB03: Johnsons Reveal 6" 282 Vaporize	492	10%	541	LF	\$	2.04	\$	3.74	\$	1,104	\$	2,024	\$	3,128
243				WB04: Johnsons Reveal 6" T&B Bedrock	103	10%	113	LF	\$	2.04	\$	3.74	\$	231	\$	424	\$	655
244				WB05: Johnsons Reveal 6" T&B Colonial Grey	216	10%	238	LF	\$	2.04	\$	3.74	\$	485	\$	889	\$	1,273
245				WB06: Johnsons Base works 6" 23 Vapor Grey	168	10%	185	LF	\$	2.04	\$	3.74	\$	377	\$	691	\$	1,068
246				WB07: Johnsons Mandolan 6" 00 Unfinished	943	10%	1,037	LF	\$	2.04	\$	3.74	\$	2,116	\$	3,880	\$	5,996
247				WB09: Johnsons Mandolan 6" 23 Vapor Grey	474	10%	521	LF	\$	2.04	\$	3.74	\$	1,064	\$	1,950	\$	3,014
FLOORING																		
248				CP101: MOHAWK Micro Bloom Freckle 963 280Z 12" X 16" Tile	616	10%	678	SF	\$	4.22	\$	1.89	\$	2,861	\$	1,280	\$	4,141
249				CP102: MOHAWK Urban Passage Dark Irids 989 210Z 12" X 16" Tile	913	10%	964	SF	\$	4.22	\$	1.89	\$	2,383	\$	1,066	\$	3,449
250				CP104: Encon CP261	3,513	10%	4,236	SF	\$	4.22	\$	1.89	\$	2,383	\$	1,066	\$	3,449
251				LV101: MOHAWK Unioct 822 9.22" X 9"	48,588	10%	53,447	SF	\$	2.18	\$	2.45	\$	116,514	\$	130,945	\$	247,459
252				PV01: Tile Tech Cement Porcelain Paver 23.5" X 23.5"	4,438	10%	4,882	SF	\$	7.34	\$	11.66	\$	56,832	\$	56,922	\$	92,754
253				PV02: Tile Tech Terrazo Grey Black Porcelain Paver 23.5" X 23.5"	884	10%	972	SF	\$	7.34	\$	11.66	\$	7,137	\$	11,338	\$	18,476
254				RS011: Resilient Floor	568	10%	645	SF	\$	4.84	\$	4.84	\$	4.173	\$	4,578	\$	5,258
255				TL03: Porcelonosa Glam White Polished 61" X 129"	1,022	10%	1,124	SF	\$	8.24	\$	7.71	\$	9,263	\$	8,668	\$	17,931
256				TL04: Porcelonosa Stark grey Nature 47" X 96"	1,531	10%	1,684	SF	\$	7.56	\$	7.12	\$	12,732	\$	11,991	\$	24,723
257				TL06: Double Chromum C419 63" X 126"	1,211	10%	1,332	SF	\$	8.54	\$	7.18	\$	11,110	\$	9,564	\$	20,674
258				TL07: Carcon Manual Lath Grey 3" X 6"	57	10%	63	SF	\$	11.36	\$	8.79	\$	551	\$	712	\$	1,263
259				WVF-01: Bolen Jann Noisel No.6 5" X 82" Roll	791	10%	870	SF	\$	6.42	\$	3.01	\$	5,586	\$	2,619	\$	8,205
260				WVF-02: Bolen Mount Home Flame Pineapple 6.5" X 82" Roll	256	10%	282	SF	\$	6.42	\$	3.01	\$	1,808	\$	848	\$	2,655
CEILING																		
261				Type X Gypsum Ceiling	28,047	10%	30,852	SF	\$	0.64	\$	2.50	\$	19,745	\$	77,129	\$	96,875
262				2" X 2" ACT Ceiling	866	10%	953	SF	\$	1.67	\$	2.18	\$	1,591	\$	2,077	\$	3,668
263				Acoustic Ceiling Baffles	194	10%	213	SF	\$	2.46	\$	2.95	\$	525	\$	629	\$	1,154
PAINT																		
264				Paint at Walls	268,114	10%	294,925	SF	\$	0.30	\$	1.25	\$	88,478	\$	368,657	\$	457,134
WALLS																		
265				Paint at Gypsum Ceiling	28,047	10%	30,852	SF	\$	0.30	\$	1.35	\$	9,256	\$	41,650	\$	50,905
266				Painted at Bottom of Deck	1,073	10%	1,181	SF	\$	0.30	\$	1.35	\$	354	\$	1,594	\$	1,948
267				Paint at Exposed Area	28,851	10%	31,846	SF	\$	0.30	\$	1.35	\$	9,554	\$	42,992	\$	52,546
268				Assuming Paint at Top Roof Ceiling	1,268	10%	1,395	SF	\$	0.30	\$	1.35	\$	418	\$	1,883	\$	2,301
DOORS																		
269				3-6"W X 7-6"H HM Door and Frame	47	0%	47	EA	\$	38.00	\$	92.00	\$	1,786	\$	4,324	\$	6,110
270				3-6"W X 7-6"H HM Door and Frame	4	0%	4	EA	\$	45.00	\$	113.00	\$	189	\$	452	\$	632
271				3-6"W X 7-6"H MT Door and Frame	1	0%	1	EA	\$	38.00	\$	92.00	\$	38	\$	92	\$	130
272				3-6"W X 7-6"H HM Door and Frame	1	0%	1	EA	\$	50.00	\$	130.00	\$	50	\$	130	\$	180
273				2-1-10"W X 7-6"H HM Door and Frame	1	0%	1	EA	\$	64.00	\$	160.00	\$	64	\$	160	\$	224
274				1-10"W X 7-6"H WD Door and Frame	112	0%	112	EA	\$	30.00	\$	75.00	\$	3,360	\$	8,400	\$	11,760
275				2-6"W X 7-6"H WD Door and Frame	112	0%	112	EA	\$	34.00	\$	88.00	\$	3,808	\$	9,586	\$	13,394
276				2-6"W X 7-6"H WD Bifold Door and Frame	112	0%	112	EA	\$	50.00	\$	132.00	\$	5,400	\$	14,784	\$	20,384
277				3-6"W X 7-6"H WD Bifold Door and Frame	112	0%	112	EA	\$	64.00	\$	160.00	\$	7,168	\$	17,920	\$	25,088
278				4-6"W X 7-6"H WD Bifold Door and Frame	112	0%	112	EA	\$	78.00	\$	175.00	\$	8,716	\$	19,680	\$	27,776
279				4-6"W X 7-6"H WD Bifold Door and Frame	112	0%	112	EA	\$	88.00	\$	188.00	\$	9,856	\$	21,056	\$	30,912
280				5-6"W X 7-6"H WD Bifold Door and Frame	112	0%	112	EA	\$	100.00	\$	200.00	\$	11,200	\$	23,244	\$	33,824
281				6-6"W X 7-6"H WD Bifold Door and Frame	112	0%	112	EA	\$	112.00	\$	220.00	\$	12,544	\$	26,480	\$	37,084
282				6-6"W X 7-6"H WD Bifold Door and Frame	112	0%	112	EA	\$	120.00	\$	240.00	\$	14,560	\$	27,328	\$	41,888
WALL FINISH																		
283				Ceramic Wall Tile	11,366	10%	12,502	SF	\$	5.39	\$	11.58	\$	67,209	\$	149,781	\$	217,170
284				Wall Covering	28,750	10%	31,625	SF	\$	4.44	\$	4.31	\$	140,415	\$	136,304	\$	276,719
285				MDP	300	10%	330	SF	\$	13.57	\$	5.68	\$	4,478	\$	1,874	\$	6,353
WALL ASSEMBLIES																		
WALL TYPE 1A (204 LF, 10'-0" H.)																		
286				1.5" X 1/2" (20 GA) Metal Studs @ 16" O.C.	18,752	10%	20,627	LF	\$	1.14	\$	1.10	\$	23,515	\$	22,690	\$	46,205
287				1.5" X 1/2" (20 GA) Top and Bottom Metal Runner	4,988	10%	5,487	LF	\$	1.14	\$	1.10	\$	6,255	\$	4,835	\$	11,270
288				5/8" Type X Gypsum Wall Board	49,800	10%	54,680	SF	\$	4.40	\$	15,947	\$	17,620	\$	96,548	\$	114,630
289				Sound Attenuation Blanket	24,940	10%	27,434	SF	\$	1.66	\$	0.52	\$	45,540	\$	14,246	\$	59,886
290				Sealant	9,776	10%	10,774	LF	\$	0.15	\$	0.46	\$	1,646	\$	5,048	\$	6,694
WALL TYPE 1B (497 LF, 10'-0" H.)																		
291				1.5" X 1/2" (20 GA) Metal Studs @ 16" O.C.	3,777	10%	4,111	LF	\$	1.14	\$	1.10	\$	4,686	\$	4,532	\$	9,208
292				1.5" X 1/2" (20 GA) Top and Bottom Metal Runner	994	10%	1,095	LF	\$	1.14	\$	1.10	\$	1,261	\$	1,044	\$	2,449
293				5/8" Type X Gypsum Wall Board	4,970	10%	5,467	SF	\$	4.40	\$	15,947	\$	21,875	\$	7,435	\$	30,622
294				5/8" Type X Moisture Resistant Gypsum Wall Board	4,970	10%	5,467	SF	\$	0.44	\$	1.39	\$	2,405	\$	7,599	\$	10,005
295				Sound Attenuation Blanket	4,970	10%	5,467	SF	\$	1.66	\$	0.52	\$	9,075	\$	2,863	\$	11,938
296				Sealant	1,988	10%	2,187	LF	\$	0.15	\$	0.46	\$	328	\$	1,096	\$	1,534
WALL TYPE 1A (67 LF, 10'-0" H.)																		
297				1.5" X 1/2" (20 GA) Metal Studs @ 16" O.C.	584	10%	644	LF	\$	1.14	\$	1.10	\$	632	\$	610	\$	1,341
298				1.5" X 1/2" (20 GA) Top and Bottom Metal Runner	134	10%	147	LF	\$	1.14	\$	1.10	\$	168	\$	162	\$	330
299				5/8" Type X Moisture Resistant Gypsum Wall Board	1,340	10%	1,474	SF	\$	0.44	\$	1.39	\$	2,405	\$	7,599	\$	10,005
300				Sound Attenuation Blanket	1,340	10%	1,474	SF	\$	1.66	\$	0.52	\$	1,223	\$	383	\$	1,607
301				Sealant	268	10%	295	LF	\$	0.15	\$	0.46	\$	44	\$	136	\$	180
WALL TYPE 2 (245 LF, 10'-0" H.)																		
302				2 1/2" (22 GA) Metal Studs @ 16" O.C.	22,143	10%	24,357	LF	\$	1.11	\$	1.08	\$	27,036	\$	26,306	\$	53,342
303				2 1/2" (22 GA) Top and Bottom Metal Runner	5,890	10%	6,479	LF	\$	1.11	\$	1.08	\$	7,192	\$	6,997	\$	14,189
304				5/8" Type X Gypsum Wall Board	58,900	10%	64,790	SF	\$	0.40	\$	1.36	\$	25,916	\$	88,114	\$	114,630
305				Sound Attenuation Blanket	29,450	10%	32,395	SF	\$	1.66	\$	0.52	\$	53,776	\$	16,845	\$	70,621
306				Sealant	11,780	10%	12,958	LF	\$	0.15	\$	0.46	\$	1,944	\$	5,961	\$	7,904
WALL TYPE 2A (467 LF, 10'-0" H.)																		
307				1.5" X 1/2" (20 GA) Metal Studs @ 16" O.C.	3,511	10%	3,862	LF	\$	1.14	\$	1.10	\$	4,403	\$	4,249	\$	8,652
308				1.5" X 1/2" (20 GA) Top and Bottom Metal Runner	934	10%	1,027	LF	\$	1.14	\$	1.10	\$	1,171	\$	1,130	\$	2,301
309				5/8" Type X Gypsum Wall Board	9,340	10%	10,274	SF	\$	0.40	\$	1.36	\$	4,110	\$	13,973	\$	18,082
310				Sound Attenuation Blanket	4,670	10%	5,117	SF	\$	1.66	\$	0.52	\$	8,527	\$	2,671	\$	11,199
311				Sealant	1,868	10%	2,055	LF	\$	0.15	\$	0.46	\$	308	\$	945	\$	1,253
WALL TYPE 2B (429 LF, 10'-0" H.)																		
312				2 1/2" (22 GA) Metal Studs @ 16" O.C.	10,744	10%	11,819	LF	\$	1.11	\$	1.08	\$	13,119	\$	12,764	\$	25,883
313				2 1/2" (22 GA) Top and Bottom Metal Runner	2,858	10%	3,144	LF	\$	1.11	\$	1.08	\$	3,490	\$	3,395	\$	6,885
314				5/8" Type X Moisture Resistant Gypsum Wall Board	28,580	10%	31,438	SF	\$	0.44	\$	1.39	\$	13,833	\$	43,099	\$	61,932
315				Sound Attenuation Blanket	14,290	10%	15,719	SF	\$	1.66	\$	0.52	\$	26,094	\$	8,174	\$	34,267
316				Sealant	5,776	10%	6,288	LF	\$	0.15	\$	0.46	\$	943	\$	2,892	\$	3,835
WALL TYPE 3 (179 LF, 10'-0" H.)																		
317				2 1/2" Metal Studs @ 16" O.C.	5,817	10%	6,443	LF	\$									

ITEM	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR	TOTAL ITEM COST	TRADE COST
376				2 1/2" (20 GA) Metal Studs @ 16" O.C.	511	10%	562	LF	\$ 1.11	\$ 1.08	\$ 624	\$ 607	\$ 1,232	
377				2 1/2" (20 GA) Top and Bottom Metal Runner	136	10%	150	LF	\$ 1.11	\$ 1.08	\$ 166	\$ 162	\$ 328	
378				2" Rigid Insulation	680	10%	748	SF	\$ 1.88	\$ 0.65	\$ 1,406	\$ 486	\$ 1,892	
379				Sound Attenuation Blanket	680	10%	748	SF	\$ 1.66	\$ 0.52	\$ 1,242	\$ 389	\$ 1,631	
380				5/8" Gypsum Wall Board	2,040	10%	2,244	SF	\$ 0.38	\$ 1.35	\$ 853	\$ 3,029	\$ 3,882	
381				Sealant	372	10%	399	LF	\$ 0.15	\$ 0.46	\$ 45	\$ 138	\$ 183	
382				WALL TYPE 11C (43 LF, 10'-0" H.)	372									
383				2 1/2" (20 GA) Metal Studs @ 16" O.C.	273	10%	306	LF	\$ 1.11	\$ 1.08	\$ 339	\$ 384	\$ 723	
384				2 1/2" (20 GA) Top and Bottom Metal Runner	86	10%	95	LF	\$ 1.11	\$ 1.08	\$ 105	\$ 102	\$ 207	
385				2" Rigid Insulation	430	10%	473	SF	\$ 1.88	\$ 0.65	\$ 889	\$ 287	\$ 1,177	
386				Sound Attenuation Blanket	430	10%	473	SF	\$ 1.66	\$ 0.52	\$ 785	\$ 246	\$ 1,031	
387				5/8" Gypsum Wall Board	1,290	10%	1,419	SF	\$ 0.38	\$ 1.35	\$ 539	\$ 1,916	\$ 2,455	
388				Sealant	172	10%	189	LF	\$ 0.15	\$ 0.46	\$ 28	\$ 87	\$ 115	
389				WALL TYPE 14 (268 LF, 10'-0" H.)	272									
390				2 1/2" Metal Studs @ 16" O.C.	2,015	10%	2,217	LF	\$ 1.11	\$ 1.08	\$ 2,466	\$ 2,394	\$ 4,860	
391				2 1/2" Top and Bottom Metal Runner	536	10%	590	LF	\$ 1.11	\$ 1.08	\$ 654	\$ 637	\$ 1,291	
392				5/8" Type X Gypsum Wall Board	10,720	10%	11,792	SF	\$ 0.40	\$ 1.36	\$ 4,717	\$ 16,037	\$ 20,754	
393				Sound Attenuation Blanket	2,080	10%	2,288	SF	\$ 1.66	\$ 0.52	\$ 4,894	\$ 1,533	\$ 6,427	
394				Sealant	1,072	10%	1,179	LF	\$ 0.15	\$ 0.46	\$ 177	\$ 542	\$ 719	
395				FURRING (49 LF, 10'-0" H.)	368									
396				2 1/2" Metal Studs @ 16" O.C.	405	10%	445	LF	\$ 1.11	\$ 1.08	\$ 490	\$ 438	\$ 928	
397				2 1/2" Top and Bottom Metal Runner	98	10%	108	LF	\$ 1.11	\$ 1.08	\$ 120	\$ 116	\$ 236	
398				5/8" Type X Gypsum Wall Board	490	10%	539	SF	\$ 0.40	\$ 1.36	\$ 216	\$ 733	\$ 949	
399				Sealant	98	10%	108	LF	\$ 0.15	\$ 0.46	\$ 16	\$ 50	\$ 66	
400				EXTERIOR WALLS (3118 LF, 10'-0" H.)	23,444									
401				6" Metal Studs @ 16" O.C.	6,236	10%	6,860	LF	\$ 1.18	\$ 1.15	\$ 8,056	\$ 7,889	\$ 15,945	
402				6" Top and Bottom Metal Runner	3,118	10%	3,430	SF	\$ 0.40	\$ 1.36	\$ 13,719	\$ 46,445	\$ 60,164	
403				5/8" Type X Gypsum Wall Board	31,180	10%	34,298	SF	\$ 0.36	\$ 1.20	\$ 12,347	\$ 41,158	\$ 53,505	
404				Weatherproofing Membrane	31,180	10%	34,298	SF	\$ 1.88	\$ 0.65	\$ 64,480	\$ 22,828	\$ 87,308	
405				2" Rigid Insulation	31,180	10%	34,298	SF	\$ 1.88	\$ 0.65	\$ 64,480	\$ 22,828	\$ 87,308	
406				Sound Attenuation Blanket	31,180	10%	34,298	SF	\$ 1.66	\$ 0.52	\$ 56,935	\$ 18,864	\$ 75,799	
407				Dense glass Sheathing	6,236	10%	6,860	LF	\$ 0.55	\$ 1.72	\$ 3,814	\$ 11,915	\$ 15,729	
408				Sealant	6,236	10%	6,860	LF	\$ 0.15	\$ 0.46	\$ 1,029	\$ 3,155	\$ 4,184	
409				SPECIALTIES										
410				ACCESSORIES										
411				36" Horizontal Grab bar	110	0%	110	EA	\$ 15.24	\$ 45.76	\$ 1,676	\$ 5,834	\$ 7,510	
412				42" Vertical Grab bar	110	0%	110	EA	\$ 48.00	\$ 5.200	\$ 5,200	\$ 18,720	\$ 23,920	
413				24" X 30" Mirror	110	0%	110	EA	\$ 73.00	\$ 67.00	\$ 8,030	\$ 7,370	\$ 15,400	
414				Door Disconnector	110	0%	110	EA	\$ 197.00	\$ 110.00	\$ 21,670	\$ 12,100	\$ 33,770	
415				Transom Disconnector	110	0%	110	EA	\$ 43.00	\$ 4.750	\$ 4,400	\$ 470	\$ 4,870	
416				Tub Grab bars	297	0%	297	EA	\$ 24.00	\$ 40.00	\$ 7,128	\$ 11,880	\$ 18,990	
417				Shower Rod	110	0%	110	EA	\$ 81.00	\$ 32.00	\$ 810	\$ 330	\$ 1,140	
418				Boyle Hook	110	0%	110	EA	\$ 29.22	\$ 28.50	\$ 3,214	\$ 2,285	\$ 5,499	
419				MISC.										
420				Bicycle Racks	50	0%	50	EA	\$ 56.00	\$ 25.00	\$ 2,800	\$ 1,250	\$ 4,050	
421				12" X 12" Metal Locker	8	0%	8	EA	\$ 214.00	\$ 90.00	\$ 1,712	\$ 400	\$ 2,112	
422				EQUIPMENTS										
423				APPLIANCES										
424				Washer	40	0%	40	EA	\$ 1,043.00	\$ 472.00	\$ 41,720	\$ 18,880	\$ 60,600	
425				Dryer	38	0%	38	EA	\$ 1,088.00	\$ 484.00	\$ 41,344	\$ 18,392	\$ 59,736	
426				W/D Washer-Dryer	40	0%	40	EA	\$ 1,043.00	\$ 472.00	\$ 41,720	\$ 18,880	\$ 60,600	
427				Dishwasher	92	0%	92	EA	\$ 642.00	\$ 598.00	\$ 55,416	\$ 55,416	\$ 110,832	
428				Range	91	0%	91	EA	\$ 2,635.00	\$ 623.00	\$ 239,785	\$ 56,693	\$ 296,478	
429				Refrigerator	92	0%	92	EA	\$ 1,072.00	\$ 285.00	\$ 98,624	\$ 26,220	\$ 124,844	
430				Oven	91	0%	91	EA	\$ 684.00	\$ 332.00	\$ 62,244	\$ 30,212	\$ 92,456	
431				FURNISHINGS										
432				MILLWORK										
433				COUNTER TOP										
434				24" W Kitchen Counter	972	10%	1,069	LF	\$ 43.28	\$ 89.72	\$ 46,253	\$ 95,882	\$ 142,135	
435				2'-0" W Counter Top	211	10%	233	LF	\$ 43.28	\$ 89.72	\$ 10,066	\$ 2,086	\$ 12,152	
436				2'-0" W Bath Counter	280	10%	308	LF	\$ 43.28	\$ 89.72	\$ 13,418	\$ 5,538	\$ 18,956	
437				1'-10" W Counter Top	18	10%	20	LF	\$ 38.50	\$ 77.40	\$ 772	\$ 1,551	\$ 2,323	
438				ISLAND										
439				1'-0" W Island	216	10%	237	LF	\$ 64.50	\$ 98.20	\$ 15,293	\$ 23,284	\$ 38,577	
440				CABINETRY										
441				1'-10" W Base Cabinet	18	10%	20	LF	\$ 119.00	\$ 24.00	\$ 2,356	\$ 475	\$ 2,831	
442				2'-0" W Base Cabinet	1,193	10%	1,312	LF	\$ 144.00	\$ 26.00	\$ 188,971	\$ 34,120	\$ 223,091	
443				12" W Upper Cabinet	993	10%	1,092	LF	\$ 101.00	\$ 22.00	\$ 110,322	\$ 24,031	\$ 134,353	
444				2'-0" W Base Cabinet at Island	216	10%	238	LF	\$ 168.00	\$ 37.00	\$ 39,917	\$ 8,791	\$ 48,708	
445				1'-0" W Closet	19	10%	21	LF	\$ 34.00	\$ 29.00	\$ 706	\$ 597	\$ 1,303	
446				12" W Closet	830	10%	913	LF	\$ 30.00	\$ 26.00	\$ 27,377	\$ 23,727	\$ 51,104	
447				12" W Walk in Closet	105	10%	116	LF	\$ 30.00	\$ 26.00	\$ 3,473	\$ 3,010	\$ 6,483	
448				DESK										
449				2'-0" W Concrete Desk	11	10%	12	LF	\$ 144.00	\$ 26.00	\$ 1,787	\$ 323	\$ 2,109	
450				CONVEYING EQUIPMENT										
451				ELEVATOR										
452				6'-3" W XE-61 Elevator, No of Floors = 10 EA	2	0%	2	EA	\$ 74,220.00	\$ 55,212.00	\$ 148,440	\$ 110,424	\$ 258,864	
453				Car Controller	2	0%	2	EA	\$ 3,642.00	\$ 1,120.00	\$ 7,284	\$ 2,240	\$ 9,524	
454				28" X 28" Chain or Compactor	1	0%	1	EA	\$ 14,320.00	\$ 8,540.00	\$ 14,320	\$ 8,540	\$ 22,860	
455				PIPE SUPPORTS										
456				CONDUCTORS										
457				2x14 FPL Cable	2,659	10%	2,925	LF	\$ 0.44	\$ 3.99	\$ 1,287	\$ 11,670	\$ 12,957	
458				2x14 FPL Cable	923	10%	1,015	LF	\$ 0.60	\$ 4.12	\$ 609	\$ 4,182	\$ 4,791	
459				18 Cu Ground	15	10%	17	LF	\$ 1.75	\$ 7.14	\$ 29	\$ 118	\$ 147	
460				CONDUIT										
461				1/2" Conduit RGS	167	10%	184	LF	\$ 3.27	\$ 11.63	\$ 600	\$ 2,135	\$ 2,735	
462				3/4" Conduit EMT	3,415	10%	3,757	LF	\$ 1.13	\$ 7.18	\$ 4,245	\$ 26,972	\$ 31,217	
463				DEVICES										
464				CO - Carbon Monoxide Detector With Sounder Base	4	0%	4	EA	\$ 84.00	\$ 138.00	\$ 336	\$ 552	\$ 888	
465				F - Manual Pull Station	1	0%	1	EA	\$ 85.00	\$ 158.00	\$ 85	\$ 158	\$ 243	
466				FDS - Single Phase 30A Min Fused Disconnect Switch With Isolated Solid Neutral Bar	1	0%	1	EA	\$ 40.00	\$ 110.00	\$ 40	\$ 110	\$ 150	
467				FSB - Fire Smoke Detector	35	0%	35	EA	\$ 64.00	\$ 53.00	\$ 2,240	\$ 1,885	\$ 4,125	
468				FSB - Fire Smoke Detector With Part Of Smoke Purge System	12	0%	12	EA	\$ 85.00	\$ 98.00	\$ 1,020	\$ 1,176	\$ 2,196	
469				H - Heat Detector	2	0%	2	EA	\$ 178.00	\$ 147.00	\$ 296	\$ 294	\$ 590	
470				H - High Air Pressure Switch	1	0%	1	EA	\$ 40.00	\$ 135.00	\$ 40	\$ 135	\$ 175	
471				Is - Air - Low Air Pressure Switch	1	0%	1	EA	\$ 40.00	\$ 135.00	\$ 40	\$ 135	\$ 175	
472				PP - Pull Box	11	0%	11	EA	\$ 35.00	\$ 88.00	\$ 385	\$ 968	\$ 1,353	
473				PF - Fire Pump AC Fail	1	0%	1	EA	\$ 2,011.00	\$ 1,320.00	\$ 2,011	\$ 1,320	\$ 3,331	
474				PR - Fire Pump Phase Reconnect	1	0%	1	EA	\$ 2,011.00	\$ 1,320.00	\$ 2,011	\$ 1,320	\$ 3,331	
475				PR - Fire Pump Pumping	1	0%	1	EA	\$ 2,011.00	\$ 1,320.00	\$ 2,011	\$ 1,320	\$ 3,331	
476				PS - Water Flow Pressure Switch	1	0%	1	EA	\$ 25.00	\$ 68.00	\$ 25	\$ 68	\$ 93	
477				R DS - Relay Drive Shutdown	1	0%	1	EA	\$ 196.00	\$ 80.00	\$ 196	\$ 80	\$ 276	
478				R EL - Relay Elevator Recall	1	0%	1	EA	\$ 144.00	\$ 92.00	\$ 144	\$ 92	\$ 236	
479				R ESY - Relay Elevator Shut Vent	2	0%	2	EA	\$ 144.00	\$ 92.00	\$ 288	\$ 184	\$ 472	
480				R PS - Relay Fan Shutdown	1	0%	1	EA	\$ 144.00	\$ 92.00	\$ 144	\$ 92	\$ 236	
481				R P - Relay Smoke Purge Fan	2	0%	2	EA	\$ 144.00	\$ 92.00	\$ 288	\$ 184	\$ 472	
482				R WHS - Relay Water Heater Shutdown	1									

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
504				TYPE I WROUGHT COPPER										
505				1/2" Dia Hot Water Pipe	317	10%	349	LF	\$ 2.46	\$ 11.38	\$ 858	\$ 3,968	\$ 4,826	
506				3/4" Dia Hot Water Pipe	2,490	10%	2,739	LF	\$ 2.98	\$ 12.14	\$ 8,162	\$ 33,251	\$ 41,414	
507				1" Dia Hot Water Pipe	1,053	10%	1,159	LF	\$ 3.48	\$ 13.50	\$ 4,033	\$ 15,644	\$ 19,677	
508				1 1/4" Dia Hot Water Pipe	382	10%	420	LF	\$ 10.50	\$ 15.88	\$ 4,415	\$ 6,677	\$ 11,092	
509				1 1/2" Dia Hot Water Pipe	43	10%	47	LF	\$ 6.23	\$ 17.66	\$ 293	\$ 831	\$ 1,124	
510				2" Dia Hot Water Pipe	303	10%	333	LF	\$ 11.28	\$ 21.90	\$ 3,758	\$ 7,295	\$ 11,053	
511				2 1/2" Dia Hot Water Pipe	267	10%	293	LF	\$ 15.55	\$ 26.66	\$ 4,559	\$ 7,816	\$ 12,374	
512				3" Dia Hot Water Pipe	197	10%	217	LF	\$ 45.13	\$ 29.55	\$ 9,775	\$ 6,400	\$ 16,175	
512				INSULATION										
512				1 1/2" Thick molded fiber glass one-piece insulation with white Kraft, fiber glass reinforced, and aluminum foil laminated										
513				1/2" Dia Hot Water Pipe	317	10%	349	LF	\$ 0.96	\$ 6.30	\$ 335	\$ 2,197	\$ 2,532	
514				3/4" Dia Hot Water Pipe	2,490	10%	2,739	LF	\$ 1.05	\$ 6.50	\$ 2,876	\$ 17,804	\$ 20,679	
515				1" Dia Hot Water Pipe	1,053	10%	1,159	LF	\$ 1.14	\$ 6.86	\$ 1,321	\$ 7,949	\$ 9,270	
516				1 1/4" Dia Hot Water Pipe	382	10%	420	LF	\$ 1.52	\$ 7.10	\$ 639	\$ 2,985	\$ 3,625	
517				1 1/2" Dia Hot Water Pipe	43	10%	47	LF	\$ 1.86	\$ 7.36	\$ 88	\$ 346	\$ 434	
518				2" Dia Hot Water Pipe	303	10%	333	LF	\$ 2.20	\$ 7.55	\$ 733	\$ 2,515	\$ 3,248	
519				2 1/2" Dia Hot Water Pipe	267	10%	293	LF	\$ 2.42	\$ 7.86	\$ 709	\$ 2,384	\$ 3,094	
520				3" Dia Hot Water Pipe	197	10%	217	LF	\$ 2.68	\$ 8.14	\$ 580	\$ 1,763	\$ 2,344	
520				HOT WATER PIPE FITTINGS										
521				1/2" Dia Hot Water Pipe 90 Deg Elbow	317	0%	317	EA	\$ 14.00	\$ 39.00	\$ 4,438	\$ 12,363	\$ 16,801	
522				3/4" Dia Hot Water Pipe 90 Deg Elbow	195	0%	195	EA	\$ 18.00	\$ 46.00	\$ 3,510	\$ 8,970	\$ 12,480	
523				1" Dia Hot Water Pipe 90 Deg Elbow	210	0%	210	EA	\$ 25.00	\$ 58.00	\$ 5,250	\$ 12,180	\$ 17,430	
524				1 1/4" Dia Hot Water Pipe 90 Deg Elbow	43	0%	43	EA	\$ 24.00	\$ 72.00	\$ 2,584	\$ 5,472	\$ 8,056	
525				1 1/2" Dia Hot Water Pipe 90 Deg Elbow	8	0%	8	EA	\$ 40.00	\$ 85.00	\$ 320	\$ 680	\$ 1,000	
526				2" Dia Hot Water Pipe 90 Deg Elbow	60	0%	60	EA	\$ 51.00	\$ 113.00	\$ 3,060	\$ 6,780	\$ 9,840	
527				2 1/2" Dia Hot Water Pipe 90 Deg Elbow	52	0%	52	EA	\$ 64.00	\$ 140.00	\$ 3,328	\$ 7,280	\$ 10,608	
528				3" Dia Hot Water Pipe 90 Deg Elbow	28	0%	28	EA	\$ 79.00	\$ 166.00	\$ 3,002	\$ 6,308	\$ 9,310	
528				TEE										
529				1/2" Dia Hot Water Pipe Tee	212	0%	212	EA	\$ 17.00	\$ 45.00	\$ 3,604	\$ 9,540	\$ 13,144	
530				3/4" Dia Hot Water Pipe Tee	351	0%	351	EA	\$ 23.00	\$ 55.00	\$ 8,072	\$ 19,385	\$ 27,457	
531				1" Dia Hot Water Pipe Tee	193	0%	193	EA	\$ 25.00	\$ 68.00	\$ 4,776	\$ 13,124	\$ 17,900	
532				1 1/4" Dia Hot Water Pipe Tee	48	0%	48	EA	\$ 23.00	\$ 55.00	\$ 3,864	\$ 9,240	\$ 13,104	
533				1 1/2" Dia Hot Water Pipe Tee	120	0%	120	EA	\$ 32.00	\$ 68.00	\$ 3,840	\$ 8,160	\$ 12,000	
534				2" Dia Hot Water Pipe Tee	56	0%	56	EA	\$ 62.00	\$ 102.00	\$ 3,552	\$ 7,712	\$ 11,264	
535				2 1/2" Dia Hot Water Pipe Tee	84	0%	84	EA	\$ 58.00	\$ 125.00	\$ 4,872	\$ 10,500	\$ 15,372	
536				3" Dia Hot Water Pipe Tee	16	0%	16	EA	\$ 68.00	\$ 144.00	\$ 1,088	\$ 2,304	\$ 3,392	
536				REDUCER										
537				1/2" / 1/2" Dia Hot Water Pipe Reducer	184	0%	184	EA	\$ 34.00	\$ 70.00	\$ 6,256	\$ 12,880	\$ 19,136	
538				1 1/4" / 1/2" Dia Hot Water Pipe Reducer	115	0%	115	EA	\$ 65.00	\$ 112.00	\$ 7,475	\$ 12,880	\$ 20,355	
539				1 1/2" / 1/2" Dia Hot Water Pipe Reducer	121	0%	121	EA	\$ 34.00	\$ 70.00	\$ 4,114	\$ 8,114	\$ 12,228	
540				2" / 1 1/2" Dia Hot Water Pipe Reducer	16	0%	16	EA	\$ 112.00	\$ 220.00	\$ 1,792	\$ 3,520	\$ 5,312	
541				2 1/2" / 1 1/2" Dia Hot Water Pipe Reducer	167	0%	167	EA	\$ 54.00	\$ 100.00	\$ 9,018	\$ 16,700	\$ 25,718	
541				HOT WATER RETURN PIPE										
542				TYPE I WROUGHT COPPER										
543				3/4" Dia Hot Water Return Pipe	904	10%	995	LF	\$ 2.98	\$ 12.14	\$ 2,964	\$ 12,077	\$ 15,041	
544				1" Dia Hot Water Return Pipe	139	10%	153	LF	\$ 3.48	\$ 13.50	\$ 532	\$ 2,064	\$ 2,596	
545				1 1/4" Dia Hot Water Return Pipe	123	10%	135	LF	\$ 10.50	\$ 15.88	\$ 1,418	\$ 2,145	\$ 3,563	
546				1 1/2" Dia Hot Water Return Pipe	99	10%	109	LF	\$ 6.23	\$ 17.66	\$ 680	\$ 1,928	\$ 2,608	
546				INSULATION										
547				1 1/2" Thick molded fiber glass one-piece insulation with white Kraft, fiber glass reinforced, and aluminum foil laminated										
548				3/4" Dia Hot Water Return Pipe	904	10%	995	LF	\$ 1.05	\$ 6.50	\$ 1,085	\$ 6,466	\$ 7,551	
549				1" Dia Hot Water Return Pipe	139	10%	153	LF	\$ 1.14	\$ 6.86	\$ 174	\$ 1,049	\$ 1,223	
550				1 1/4" Dia Hot Water Return Pipe	123	10%	135	LF	\$ 1.52	\$ 7.10	\$ 205	\$ 959	\$ 1,164	
551				1 1/2" Dia Hot Water Return Pipe	99	10%	109	LF	\$ 1.86	\$ 7.36	\$ 203	\$ 803	\$ 1,006	
551				HOT WATER RETURN PIPE FITTINGS										
552				1/2" Dia Hot Water Return Pipe 90 Deg Elbow	317	0%	317	EA	\$ 18.00	\$ 46.00	\$ 3,240	\$ 8,280	\$ 11,520	
553				3/4" Dia Hot Water Return Pipe 90 Deg Elbow	180	0%	180	EA	\$ 25.00	\$ 58.00	\$ 4,500	\$ 10,500	\$ 15,000	
554				1" Dia Hot Water Return Pipe 90 Deg Elbow	24	0%	24	EA	\$ 34.00	\$ 72.00	\$ 816	\$ 1,728	\$ 2,544	
555				1 1/4" Dia Hot Water Return Pipe 90 Deg Elbow	18	0%	18	EA	\$ 40.00	\$ 85.00	\$ 720	\$ 1,530	\$ 2,250	
556				TEE										
557				3/4" Dia Hot Water Return Pipe Tee	16	0%	16	EA	\$ 23.00	\$ 55.00	\$ 368	\$ 880	\$ 1,248	
558				1" Dia Hot Water Return Pipe Tee	5	0%	5	EA	\$ 32.00	\$ 68.00	\$ 160	\$ 340	\$ 500	
559				1 1/4" Dia Hot Water Return Pipe Tee	61	0%	61	EA	\$ 22.00	\$ 68.00	\$ 1,052	\$ 4,148	\$ 5,199	
560				1 1/2" / 1" Dia Hot Water Return Pipe Tee	12	0%	12	EA	\$ 40.00	\$ 85.00	\$ 480	\$ 1,020	\$ 1,500	
561				REDUCER										
562				1" / 3/4" Dia Hot Water Return Pipe Reducer	23	0%	23	EA	\$ 54.00	\$ 100.00	\$ 1,242	\$ 2,300	\$ 3,542	
563				1 1/4" / 1" Dia Hot Water Return Pipe Reducer	21	0%	21	EA	\$ 65.00	\$ 112.00	\$ 1,365	\$ 2,352	\$ 3,717	
564				GAS PIPE										
565				SCHEM-BLOCK SHOT										
566				3/4" Dia Gas Pipe	653	10%	718	LF	\$ 3.21	\$ 15.11	\$ 2,386	\$ 10,854	\$ 13,159	
567				1" Dia Gas Pipe	164	10%	180	LF	\$ 3.66	\$ 17.32	\$ 620	\$ 2,933	\$ 3,553	
568				1 1/4" Dia Gas Pipe	237	10%	260	LF	\$ 4.73	\$ 18.50	\$ 1,232	\$ 4,842	\$ 6,074	
569				1 1/2" Dia Gas Pipe	3	10%	3	LF	\$ 5.54	\$ 20.72	\$ 16	\$ 41	\$ 57	
570				2" Dia Gas Pipe	2	10%	2	LF	\$ 7.46	\$ 25.89	\$ 15	\$ 31	\$ 46	
571				2 1/2" Dia Gas Pipe	17	10%	19	LF	\$ 14.83	\$ 33.11	\$ 985	\$ 2,225	\$ 3,210	
572				3" Dia Gas Pipe	17	10%	19	LF	\$ 18.30	\$ 38.31	\$ 345	\$ 743	\$ 1,088	
573				4" Dia Gas Pipe	297	10%	327	LF	\$ 27.47	\$ 45.85	\$ 8,075	\$ 14,900	\$ 22,975	
574				6" Dia Gas Pipe	17	10%	19	LF	\$ 39.52	\$ 68.77	\$ 725	\$ 1,261	\$ 1,986	
574				GAS PIPE FITTINGS										
575				3/4" Dia Gas Pipe 90 Deg Elbow	130	0%	130	EA	\$ 30.00	\$ 42.00	\$ 2,900	\$ 5,460	\$ 8,360	
576				1" Dia Gas Pipe 90 Deg Elbow	30	0%	30	EA	\$ 30.00	\$ 59.00	\$ 1,140	\$ 1,770	\$ 2,910	
577				1 1/4" Dia Gas Pipe 90 Deg Elbow	46	0%	46	EA	\$ 46.00	\$ 68.00	\$ 2,116	\$ 3,128	\$ 5,244	
578				1 1/2" Dia Gas Pipe 90 Deg Elbow	12	0%	12	EA	\$ 62.00	\$ 100.00	\$ 744	\$ 1,200	\$ 1,944	
579				2" Dia Gas Pipe 90 Deg Elbow	2	0%	2	EA	\$ 80.00	\$ 144.00	\$ 160	\$ 288	\$ 448	
580				4" Dia Gas Pipe 90 Deg Elbow	58	0%	58	EA	\$ 99.00	\$ 182.00	\$ 5,742	\$ 10,556	\$ 16,298	
581				6" Dia Gas Pipe 90 Deg Elbow	2	0%	2	EA	\$ 114.00	\$ 236.00	\$ 238	\$ 472	\$ 710	
582				TEE										
583				1" / 3/4" Dia Gas Pipe Tee	21	0%	21	EA	\$ 49.00	\$ 78.00	\$ 1,029	\$ 1,638	\$ 2,667	
584				3/4" Dia Gas Pipe Tee	91	0%	91	EA	\$ 38.00	\$ 68.00	\$ 3,458	\$ 5,460	\$ 8,918	
585				1 1/4" / 3/4" Dia Gas Pipe Tee	8	0%	8	EA	\$ 55.00	\$ 85.00	\$ 440	\$ 704	\$ 1,144	
586				2 1/2" / 1 1/2" Dia Gas Pipe Tee	13	0%	13	EA	\$ 116.00	\$ 230.00	\$ 1,508	\$ 2,990	\$ 4,498	
587				REDUCER										
588				6" / 4" Dia Gas Pipe Reducer	2	0%	2	EA	\$ 120.00	\$ 240.00	\$ 240	\$ 492	\$ 732	
589				4" / 2 1/2" Dia Gas Pipe Reducer	6	0%	6	EA	\$ 145.00	\$ 332.00	\$ 870	\$ 1,992	\$ 2,862	
589				STORM DRAIN PIPE UNDERGROUND										
590				CAST IRON SOIL PIPE W/ BELL & SPIGOT FITTINGS										
591				4" Dia Storm Drain Pipe - UG	199	10%	219	LF	\$ 24.03	\$ 30.14	\$ 5,251	\$ 6,586	\$ 11,837	
591				STORM DRAIN PIPE										
592				CAST IRON NO HUB COUPLING										
593				2" Dia Storm Drain Pipe	29	10%	31	LF	\$ 13.64	\$ 26.23	\$ 429	\$ 825	\$ 1,255	
594				3" Dia Storm Drain Pipe	62	10%	68	LF	\$ 27.89	\$ 53.90	\$ 1,757	\$ 3,467	\$ 5,224	
595				4" Dia Storm Drain Pipe	1,308	10%	1,439	LF	\$ 24.03	\$ 30.14	\$ 34,585	\$ 43,378	\$ 77,963	
596				6" Dia Storm Drain Pipe	328	10%	361	LF	\$ 40.71	\$ 35.66	\$ 14,679	\$ 12,858	\$ 27,537	
597														

ITEM	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
624				4" 1/2" Dia Waste Pipe Wye	146	0%	146	EA	\$ 190.00	\$ 261.00	\$ 27,746	\$ 38,446	\$ 66,192	
625				4" 2" Dia Waste Pipe Wye	110	0%	110	EA	\$ 190.00	\$ 261.00	\$ 20,900	\$ 28,710	\$ 49,610	
626				4" Dia Waste Pipe Wye	110	0%	110	EA	\$ 190.00	\$ 261.00	\$ 20,900	\$ 28,710	\$ 49,610	
627				6" 4" Dia Waste Pipe Wye	26	0%	26	EA	\$ 228.00	\$ 491.00	\$ 5,926	\$ 12,766	\$ 18,692	
628				8" 6" Dia Waste Pipe Wye	3	0%	3	EA	\$ 251.00	\$ 546.00	\$ 753	\$ 1,638	\$ 2,391	
				VENT PIPE										
				CAST IRON NO HUB COUPLING										
629				1-1/2" Dia Vent Pipe	250	10%	275	LF	\$ 9.76	\$ 23.35	\$ 2,684	\$ 6,421	\$ 9,105	
630				2" Dia Vent Pipe	3,425	10%	3,768	LF	\$ 16.15	\$ 24.71	\$ 38,240	\$ 93,095	\$ 131,335	
631				3" Dia Vent Pipe	1,410	10%	1,551	LF	\$ 13.29	\$ 25.89	\$ 20,900	\$ 40,314	\$ 61,214	
632				4" Dia Vent Pipe	1,610	10%	1,771	LF	\$ 17.51	\$ 28.53	\$ 31,062	\$ 50,513	\$ 81,575	
633				6" Dia Vent Pipe	97	10%	107	LF	\$ 25.20	\$ 34.60	\$ 2,735	\$ 3,785	\$ 6,520	
634				8" Dia Vent Pipe	39	10%	43	LF	\$ 38.60	\$ 42.50	\$ 1,590	\$ 1,790	\$ 3,380	
				VENT PIPE FITTINGS										
				ELBOW										
635				1-1/2" Dia Vent Pipe 90 Deg Elbow	46	0%	46	EA	\$ 94.00	\$ 220.00	\$ 4,324	\$ 10,120	\$ 14,444	
636				2" Dia Vent Pipe 90 Deg Elbow	272	0%	272	EA	\$ 101.00	\$ 234.00	\$ 27,472	\$ 63,648	\$ 91,120	
637				4" Dia Vent Pipe 90 Deg Elbow	320	0%	320	EA	\$ 144.00	\$ 302.00	\$ 46,080	\$ 96,640	\$ 142,720	
638				6" Dia Vent Pipe 90 Deg Elbow	18	0%	18	EA	\$ 168.00	\$ 344.00	\$ 3,024	\$ 6,192	\$ 9,216	
				TEE										
639				2" 1-1/2" Dia Vent Pipe Tee	113	0%	113	EA	\$ 131.00	\$ 266.00	\$ 13,673	\$ 30,588	\$ 44,261	
640				3" 2" Dia Vent Pipe Tee	268	0%	268	EA	\$ 134.00	\$ 285.00	\$ 35,912	\$ 76,300	\$ 112,212	
641				4" 3" Dia Vent Pipe Tee	161	0%	161	EA	\$ 148.00	\$ 320.00	\$ 23,828	\$ 51,520	\$ 75,348	
642				6" 4" Dia Vent Pipe Tee	66	0%	66	EA	\$ 170.00	\$ 344.00	\$ 11,220	\$ 22,704	\$ 33,924	
				REDUCER										
643				6" 4" Dia Vent Pipe Reducer	32	0%	32	EA	\$ 185.00	\$ 377.00	\$ 5,920	\$ 12,064	\$ 17,984	
644				8" 6" Dia Vent Pipe Reducer	16	0%	16	EA	\$ 208.00	\$ 430.00	\$ 3,328	\$ 6,880	\$ 10,208	
				EJECTOR DISCHARGE										
				SCH 40 GALVANIZED STEEL GROOVED										
645				3" Dia Ejector Discharge Pipe	27	10%	30	LF	\$ 18.30	\$ 28.31	\$ 552	\$ 1,156	\$ 1,707	
				EJECTOR DISCHARGE FITTINGS										
				ELBOW										
646				3" Dia Ejector Discharge Pipe 45 Deg Elbow	6	0%	6	EA	\$ 128.00	\$ 275.00	\$ 768	\$ 1,650	\$ 2,418	
				WYE										
647				3" Dia Ejector Discharge Pipe 45 Deg Elbow	2	0%	2	EA	\$ 145.00	\$ 330.00	\$ 290	\$ 660	\$ 950	
				FRESH AIR INTAKE										
				BLACK STEEL (ANNE WELD)										
648				4" Dia Fresh Air Intake	53	10%	58	LF	\$ 27.47	\$ 45.85	\$ 1,596	\$ 2,663	\$ 4,259	
				EJECTOR DISCHARGE FITTINGS										
				ELBOW										
649				4" Dia Fresh Air Intake 90 Deg Elbow	6	0%	6	EA	\$ 144.00	\$ 302.00	\$ 864	\$ 1,812	\$ 2,676	
				WYE										
650				4" Dia Fresh Air Intake Tee	2	0%	2	EA	\$ 190.00	\$ 361.00	\$ 380	\$ 722	\$ 1,102	
				DRAIN & CLEANOUTS										
651				3" Dia AD Area Drain, ZURN ZB154-DT-S-K-VP	3	0%	3	EA	\$ 348.00	\$ 138.00	\$ 1,044	\$ 414	\$ 1,458	
652				3" Dia FD Floor Drain, ZURN Z526-S	1	0%	1	EA	\$ 348.00	\$ 138.00	\$ 248	\$ 128	\$ 376	
653				3" Dia FD Floor Drain, ZURN Z526-S, W/ Trap Primer	4	0%	4	EA	\$ 348.00	\$ 138.00	\$ 1,392	\$ 552	\$ 1,944	
654				4" Dia AD Area Drain, ZURN ZB154-DT-S-K-VP	7	0%	7	EA	\$ 385.00	\$ 152.00	\$ 2,695	\$ 1,064	\$ 3,759	
655				4" Dia FD Floor Drain, ZURN Z526-S	11	0%	11	EA	\$ 385.00	\$ 152.00	\$ 4,235	\$ 1,672	\$ 5,907	
656				4" Dia FD Floor Drain, ZURN Z526-S, W/ Trap Primer	1	0%	1	EA	\$ 385.00	\$ 152.00	\$ 385	\$ 152	\$ 537	
657				4" Dia FFD, Fanned Floor Drain, ZURN Z508 W/ 6" Z1724 Fanned	1	0%	1	EA	\$ 444.00	\$ 185.00	\$ 444	\$ 185	\$ 629	
658				4" Dia Trench Drain, ACO CLASSIC DRAIN KS100	1	0%	1	EA	\$ 602.00	\$ 222.00	\$ 602	\$ 222	\$ 824	
659				6" Dia FD Floor Drain, ZURN Z526-S	1	0%	1	EA	\$ 412.00	\$ 166.00	\$ 412	\$ 166	\$ 578	
660				3" Dia CFRD, Controlled Flow Roof Drain, ZURN Z100-C-E-W3	6	0%	6	EA	\$ 392.00	\$ 138.00	\$ 2,352	\$ 828	\$ 3,180	
661				3" Dia OFRD, Overflow Roof Drain, ZURN Z100-C-E-W3	6	0%	6	EA	\$ 392.00	\$ 138.00	\$ 2,352	\$ 828	\$ 3,180	
662				4" Dia CFRD, Controlled Flow Roof Drain, ZURN Z100-C-E-W3	11	0%	11	EA	\$ 392.00	\$ 138.00	\$ 4,312	\$ 1,518	\$ 5,830	
663				4" Dia OFRD, Overflow Roof Drain, ZURN Z100-C-E-W3	11	0%	11	EA	\$ 392.00	\$ 138.00	\$ 4,312	\$ 1,518	\$ 5,830	
				PLUMBING FIXTURES										
664				BT, Bathtub	110	0%	110	EA	\$ 1,231.00	\$ 1,339.00	\$ 135,410	\$ 147,290	\$ 282,700	
665				D, Dwyer	3	0%	3	EA	\$ 1,088.00	\$ 249.00	\$ 3,264	\$ 747	\$ 4,011	
666				DF, Drunk Fountain	1	0%	1	EA	\$ 2,635.00	\$ 1,184.00	\$ 2,635	\$ 1,184	\$ 3,819	
667				DW, Dish Washer	136	0%	136	EA	\$ 644.00	\$ 401.00	\$ 87,584	\$ 54,536	\$ 142,120	
668				Fire Pit	2	0%	2	EA	\$ 2,440.00	\$ 678.00	\$ 4,880	\$ 1,356	\$ 6,236	
669				JC, Janitor Closet	1	0%	1	EA	\$ 813.00	\$ 386.00	\$ 813	\$ 386	\$ 1,199	
670				KS, Kitchen Sink	135	0%	135	EA	\$ 744.00	\$ 272.00	\$ 100,440	\$ 36,920	\$ 137,360	
671				LAV, Lavatory	114	0%	114	EA	\$ 586.00	\$ 312.00	\$ 66,804	\$ 35,568	\$ 102,372	
672				SH, Shower	1	0%	1	EA	\$ 1,413.00	\$ 202.00	\$ 1,413	\$ 302	\$ 1,715	
673				SK, Sink	1	0%	1	EA	\$ 614.00	\$ 245.00	\$ 614	\$ 245	\$ 859	
674				WC, Water Closet	115	0%	115	EA	\$ 813.00	\$ 386.00	\$ 93,495	\$ 44,300	\$ 137,795	
675				WM, Washing Machine	16	0%	16	EA	\$ 1,066.00	\$ 239.00	\$ 17,056	\$ 3,824	\$ 20,880	
				PUMPS										
676				100P-1, Duplex Booster Pump, 100PDC60BP-VC-GAP	1	0%	1	EA	\$ 3,532.00	\$ 1,104.00	\$ 3,532	\$ 1,104	\$ 4,636	
677				EJP-1, Ejector Discharge Pump, NP 3000 SH1-3-Adaptive 276	1	0%	1	EA	\$ 2,463.00	\$ 858.00	\$ 2,463	\$ 858	\$ 3,321	
678				ESP-1, Elevator Sump Pump, STANCOR SE-50	1	0%	1	EA	\$ 2,110.00	\$ 820.00	\$ 2,110	\$ 820	\$ 2,930	
679				GBP-1, Gas Booster Pump Set SPENCER GL-0324-1/2-R, 1/2 HP	1	0%	1	EA	\$ 3,532.00	\$ 1,104.00	\$ 3,532	\$ 1,104	\$ 4,636	
680				HWCP-1, Duplex Domestic Hot Water Circulation Pumps, BELL & GOSSETT, NBF-45	2	0%	2	EA	\$ 2,022.00	\$ 936.00	\$ 4,044	\$ 1,872	\$ 5,916	
681				SP-1, Duplex Sump Pump, CP 3045 HT 3-252	1	0%	1	EA	\$ 2,110.00	\$ 820.00	\$ 2,110	\$ 820	\$ 2,930	
				MISC.										
682				1-3/4" Dia Hose Bibb	3	0%	3	EA	\$ 64.00	\$ 40.00	\$ 192	\$ 120	\$ 312	
683				1" BFP, Backflow Preventer	1	0%	1	EA	\$ 588.00	\$ 320.00	\$ 588	\$ 320	\$ 908	
684				4" Dia BFP, ZURN WILKINS 375	1	0%	1	EA	\$ 687.00	\$ 244.00	\$ 687	\$ 344	\$ 1,031	
685				Churned Deck Plate	4	0%	4	EA	\$ 334.00	\$ 128.00	\$ 1,336	\$ 500	\$ 1,836	
686				Gas Meter	3	0%	3	EA	\$ 446.00	\$ 175.00	\$ 1,338	\$ 525	\$ 1,863	
687				Gas Pressure Regulator	2	0%	2	EA	\$ 642.00	\$ 220.00	\$ 1,284	\$ 440	\$ 1,724	
688				NF WH, Non Freeze Water Hydrant	8	0%	8	EA	\$ 184.00	\$ 165.00	\$ 1,472	\$ 440	\$ 1,912	
689				Water Meter	2	0%	2	EA	\$ 685.00	\$ 230.00	\$ 1,370	\$ 460	\$ 1,830	
690				8" Dia VTR, Vent Thru Roof	2	0%	2	EA	\$ 120.00	\$ 165.00	\$ 240	\$ 330	\$ 570	
691				PT-1, Pressure Tank, AMTROL WX-405 C	2	0%	2	EA	\$ 1,650.00	\$ 1,132.00	\$ 3,300	\$ 2,264	\$ 5,564	
692				1-1/2" Trough JAY B AMTROL WX-405 C	1	0%	1	EA	\$ 1,650.00	\$ 1,132.00	\$ 1,650	\$ 1,132	\$ 2,782	
693				Pneumatic Tank, AMTROL WX-405-C 90 GALS	1	0%	1	EA	\$ 1,650.00	\$ 1,132.00	\$ 1,650	\$ 1,132	\$ 2,782	
694				REF, Refrigerator	135	0%	135	EA	\$ 1,410.00	\$ 368.00	\$ 190,350	\$ 49,680	\$ 240,030	
695				10" Dia Storm House Trap	1	0%	1	EA	\$ 144.00	\$ 250.00	\$ 144	\$ 350	\$ 494	
696				10" Dia Storm Trap	1	0%	1	EA	\$ 120.00	\$ 204.00	\$ 120	\$ 304	\$ 424	
				HOT WATER HEATER										
697				HWB-1, Hot Water Heater, AERCO INN1350N-SV W/ AMTROL WX-405 C	2	0%	2	EA	\$ 2,356.00	\$ 1,127.00	\$ 4,712	\$ 2,254	\$ 6,966	
				BRASS COUPLINGS										
698				1-1/2" Dia Coupling	96	0%	96	EA	\$ 2.10	\$ 3.86	\$ 202	\$ 371	\$ 572	
699				1" Dia Coupling	867	0%	867	EA	\$ 1.96	\$ 3.44	\$ 1,699	\$ 2,982	\$ 4,682	
700				2" Dia Coupling	2,081	0%	2,081	EA	\$ 2.50	\$ 4.20	\$ 5,202	\$ 8,740	\$ 13,942	
701				3" Dia Coupling	1,413	0%	1,413	EA	\$ 2.40	\$ 4.85	\$ 3,474	\$ 6,853	\$ 10,327	
702				4" Dia Coupling	4,001	0%	4,001	EA	\$ 3.40	\$ 5.20	\$ 13,603	\$ 20,805	\$ 34,408	
703				6" Dia Coupling	379	0%	379	EA	\$ 4.22	\$ 6.50	\$ 1,599	\$ 2,464	\$ 4,063	
704				8" Dia Coupling	135	0%	135	EA	\$ 5.10	\$ 7.40	\$ 689	\$ 999	\$ 1,688	
705				10" Dia Coupling	38	0%	38	EA	\$ 6.40	\$ 8.50	\$ 243	\$ 323	\$ 566	
				PIPE SUPPORT										

ITEM NO	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR	TOTAL ITEM COST	TRADE COST
750				24"x8" Supply Air Duct (Lined)	18	10%	20	FT S	- \$	- \$	- \$	- \$	- \$	-
751				30"x24" Supply Air Duct	87	10%	63	FT S	- \$	- \$	- \$	- \$	- \$	-
752				34"x20" Supply Air Duct	164	10%	181	FT S	- \$	- \$	- \$	- \$	- \$	-
753				36"x20" Return Air Duct	70	10%	77	FT S	- \$	- \$	- \$	- \$	- \$	-
754				10"x6" Return Air Duct (Lined)	6	10%	6	FT S	- \$	- \$	- \$	- \$	- \$	-
755				10"x6" Return Air Duct (Lined)	20	10%	23	FT S	- \$	- \$	- \$	- \$	- \$	-
756				12"x6" Return Air Duct (Lined)	36	10%	29	FT S	- \$	- \$	- \$	- \$	- \$	-
757				12"x8" Return Air Duct (Lined)	4	10%	5	FT S	- \$	- \$	- \$	- \$	- \$	-
758				12"x8" Return Air Duct (Lined)	3	10%	4	FT S	- \$	- \$	- \$	- \$	- \$	-
759				14"x6" Return Air Duct (Lined)	9	10%	9	FT S	- \$	- \$	- \$	- \$	- \$	-
760				14"x8" Return Air Duct (Lined)	4	10%	5	FT S	- \$	- \$	- \$	- \$	- \$	-
761				18"x6" Return Air Duct (Lined)	103	10%	114	FT S	- \$	- \$	- \$	- \$	- \$	-
762				18"x8" Return Air Duct (Lined)	11	10%	12	FT S	- \$	- \$	- \$	- \$	- \$	-
763				24"x8" Return Air Duct (Lined)	4	10%	5	FT S	- \$	- \$	- \$	- \$	- \$	-
764				5"x4" Exhaust Air Duct	1,399	10%	1,539	FT S	- \$	- \$	- \$	- \$	- \$	-
765				6" Dia Diver Exhaust Duct	12	10%	13	FT S	- \$	- \$	- \$	- \$	- \$	-
766				8"x6" Exhaust Air Duct	70	10%	77	FT S	- \$	- \$	- \$	- \$	- \$	-
767				8"x6" Toilet Exhaust Duct	15	10%	17	FT S	- \$	- \$	- \$	- \$	- \$	-
768				10"x6" Exhaust Air Duct	310	10%	341	FT S	- \$	- \$	- \$	- \$	- \$	-
769				10"x6" Toilet Exhaust Duct	70	10%	77	FT S	- \$	- \$	- \$	- \$	- \$	-
770				10"x8" Exhaust Air Duct	1,853	10%	2,038	FT S	- \$	- \$	- \$	- \$	- \$	-
771				10"x8" Exhaust Air Duct (1" Thick Insulation)	40	10%	44	FT S	- \$	- \$	- \$	- \$	- \$	-
772				10"x8" Exhaust Air Duct (2-Hr Fire Rated Duct Wrap)	24	10%	27	FT S	- \$	- \$	- \$	- \$	- \$	-
773				10"x8" Toilet Exhaust Duct	75	10%	83	FT S	- \$	- \$	- \$	- \$	- \$	-
774				12"x6" Exhaust Air Duct	55	10%	60	FT S	- \$	- \$	- \$	- \$	- \$	-
775				12"x8" Exhaust Air Duct	37	10%	40	FT S	- \$	- \$	- \$	- \$	- \$	-
776				14" Dia Diver Exhaust Duct	17	10%	19	FT S	- \$	- \$	- \$	- \$	- \$	-
777				14"x10" Exhaust Air Duct	50	10%	55	FT S	- \$	- \$	- \$	- \$	- \$	-
778				14"x6" Exhaust Air Duct	65	10%	71	FT S	- \$	- \$	- \$	- \$	- \$	-
779				14"x8" Exhaust Air Duct	160	10%	175	FT S	- \$	- \$	- \$	- \$	- \$	-
780				16"x10" Exhaust Air Duct	47	10%	52	FT S	- \$	- \$	- \$	- \$	- \$	-
781				16"x12" Exhaust Air Duct	22	10%	24	FT S	- \$	- \$	- \$	- \$	- \$	-
782				16"x6" Exhaust Air Duct	4	10%	4	FT S	- \$	- \$	- \$	- \$	- \$	-
783				18"x6" Exhaust Air Duct	17	10%	19	FT S	- \$	- \$	- \$	- \$	- \$	-
784				18"x8" Exhaust Air Duct	65	10%	72	FT S	- \$	- \$	- \$	- \$	- \$	-
785				20"x12" Diver Exhaust Duct	24	10%	27	FT S	- \$	- \$	- \$	- \$	- \$	-
786				20"x12" Exhaust Air Duct	27	10%	29	FT S	- \$	- \$	- \$	- \$	- \$	-
787				20"x8" Exhaust Air Duct	44	10%	48	FT S	- \$	- \$	- \$	- \$	- \$	-
788				22"x10" Exhaust Air Duct	18	10%	19	FT S	- \$	- \$	- \$	- \$	- \$	-
789				24"x24" Exhaust Air Duct Insulated	60	10%	66	FT S	- \$	- \$	- \$	- \$	- \$	-
790				26"x10" Exhaust Air Duct	8	10%	8	FT S	- \$	- \$	- \$	- \$	- \$	-
791				26"x12" Exhaust Air Duct	22	10%	24	FT S	- \$	- \$	- \$	- \$	- \$	-
792				26"x14" Exhaust Air Duct	66	10%	72	FT S	- \$	- \$	- \$	- \$	- \$	-
793				26"x20" Exhaust Air Duct	66	10%	61	FT S	- \$	- \$	- \$	- \$	- \$	-
794				26"x24" Exhaust Air Duct	12	10%	13	FT S	- \$	- \$	- \$	- \$	- \$	-
795				32"x20" Exhaust Air Duct	7	10%	8	FT S	- \$	- \$	- \$	- \$	- \$	-
796				32"x20" Exhaust Air Duct	11	10%	13	FT S	- \$	- \$	- \$	- \$	- \$	-
797				32"x20" Exhaust Air Duct	12	10%	12	FT S	- \$	- \$	- \$	- \$	- \$	-
798				36"x16" Exhaust Air Duct	24	10%	26	FT S	- \$	- \$	- \$	- \$	- \$	-
799				40"x26" Exhaust Air Duct	15	10%	15	FT S	- \$	- \$	- \$	- \$	- \$	-
800				44"x26" Exhaust Air Duct	25	10%	28	FT S	- \$	- \$	- \$	- \$	- \$	-
801				32"x12" Exhaust Air Duct	25	10%	27	FT S	- \$	- \$	- \$	- \$	- \$	-
802				36"x16" Commercial Kitchen Exhaust Duct	4	10%	4	FT S	- \$	- \$	- \$	- \$	- \$	-
803				36"x16" Commercial Kitchen Exhaust Duct W/ 2" Thick Calcium Insulation	13	10%	13	FT S	- \$	- \$	- \$	- \$	- \$	-
804				10"x6" Transfer Duct (Lined)	3	10%	3	FT S	- \$	- \$	- \$	- \$	- \$	-
805				12"x6" Transfer Duct	7	10%	7	FT S	- \$	- \$	- \$	- \$	- \$	-
806				18"x6" Transfer Air Duct (Lined)	48	10%	53	FT S	- \$	- \$	- \$	- \$	- \$	-
807				18"x8" Transfer Air Duct (Lined)	27	10%	30	FT S	- \$	- \$	- \$	- \$	- \$	-
808				20"x6" Transfer Air Duct (Lined)	5	10%	5	FT S	- \$	- \$	- \$	- \$	- \$	-
809				20"x8" Transfer Air Duct (Lined)	6	10%	7	FT S	- \$	- \$	- \$	- \$	- \$	-
810				30"x12" Transfer Air Duct (Acoustically Lined)	4	10%	5	FT S	- \$	- \$	- \$	- \$	- \$	-
811				8"x6" Transfer Duct	2	10%	2	FT S	- \$	- \$	- \$	- \$	- \$	-
812				14" Dia Outside Air Duct Insulated	40	10%	44	FT S	- \$	- \$	- \$	- \$	- \$	-
813				20"x12" Outside Air Duct	24	10%	27	FT S	- \$	- \$	- \$	- \$	- \$	-
814				20"x12" Makeup Air Duct	21	10%	23	FT S	- \$	- \$	- \$	- \$	- \$	-
815				MECHANICAL PIPE										
816				6" Dia HHV Flue Pipe	55	10%	60	FT S	40.71	35.66	2,446	2,143	4,589	
				8" Dia Gas Vent Duct, Sch 40 Cast Iron	26	10%	29	FT S	64.25	59.43	1,866	1,726	3,592	
				CONDENSATE DRAIN										
817				3/4" Dia Condensate Drain	1,357	10%	1,493	LF S	2.98	12.14	4,449	18,123	22,571	
818				1" Dia Condensate Drain	228	10%	250	LF S	3.48	13.50	871	3,379	4,250	
819				1-1/4" Dia Condensate Drain	88	10%	97	LF S	10.50	15.88	1,020	1,542	2,562	
				CONDENSATE DRAIN PIPE FITTINGS										
				ELBOW										
820				3/4" Dia Condensate Drain 45 Deg Elbow	261	0%	261	EA S	30.00	42.00	7,830	10,962	18,792	
821				1" Dia Condensate Drain 45 Deg Elbow	44	0%	44	EA S	38.00	59.00	1,672	2,596	4,268	
822				1-1/4" Dia Condensate Drain 45 Deg Elbow	16	0%	16	EA S	46.00	68.00	736	1,088	1,824	
				WYE										
823				3/4" Dia Condensate Drain WYE	16	0%	16	EA S	44.00	75.00	704	1,200	1,904	
824				1-1/4" 3/4" Dia Condensate Drain Wye	11	0%	11	EA S	72.00	130.00	792	1,430	2,222	
				REFRIGERANT PIPE										
825				1/4" Refrigeration Liquid Pipe	3,379	10%	3,717	LF S	1.80	10.41	6,691	38,809	45,500	
826				1/2" Dia Refrigeration Liquid Pipe	4,000	10%	4,400	LF S	2.46	11.34	10,824	50,772	61,596	
827				3/8" Dia Refrigeration Liquid Pipe	1,383	10%	1,521	LF S	2.09	10.95	3,180	16,658	19,838	
828				5/8" Dia Refrigeration Section Pipe	1,243	10%	1,367	LF S	5.94	11.63	8,122	15,902	24,023	
829				3/4" Dia Refrigeration Section Pipe	1,240	10%	1,364	LF S	2.98	12.14	4,065	16,559	20,624	
830				7/8" Dia Refrigeration Gas Pipe	340	10%	374	LF S	3.20	13.10	1,197	4,899	6,096	
831				1-1/8" Dia Refrigeration Gas Pipe	540	10%	594	LF S	10.50	15.88	6,237	9,433	15,670	
				REFRIGERANT PIPE FITTINGS										
				ELBOW										
832				1/4" Refrigeration Liquid Pipe 90 Deg Elbow	6,679	0%	6,679	EA S	6.50	14.20	43,414	94,842	138,255	
833				1/2" Dia Refrigeration Liquid Pipe 90 Deg Elbow	769	0%	769	EA S	14.00	39.00	10,766	29,991	40,757	
834				3/8" Dia Refrigeration Liquid Pipe 90 Deg Elbow	264	0%	264	EA S	16.50	42.40	4,356	11,194	15,550	
835				5/8" Dia Refrigeration Section Pipe 90 Deg Elbow	269	0%	264	EA S	18.00	45.60	4,990	12,038	17,028	
836				3/4" Dia Refrigeration Section Pipe 90 Deg Elbow	64	0%	64	EA S	18.00	46.00	1,152	2,944	4,096	
837				7/8" Dia Refrigeration Gas Pipe 90 Deg Elbow	118	0%	118	EA S	25.00	60.00	2,950	6,600	9,550	
838				1-1/8" Dia Refrigeration Gas Pipe 90 Deg Elbow	66	0%	66	EA S	34.00	72.00	2,244	4,752	6,996	
				AIR DEVICES										
839				06-3, Supply Return, TITUS CT-480	47	0%	47	EA S	144.00	65.00	6,768	3,055	9,823	
840				06-3, Supply Return, TITUS CT-480	139	0%	139	EA S	144.00	65.00	20,016	9,035	29,051	
841				06-3, Supply Return, TITUS CT-480	131	0%	131	EA S	144.00	65.00	18,864	8,515	27,379	
842				06-5, Supply Return, TITUS CT-480	1	0%	1	EA S	144.00	65.00	144	65	209	
843				Supply Diffuser, TITUS 355 RS	2	0%	2	EA S	162.00	74.00	324	148	472	
844				Supply Diffuser, TITUS 355 RS, 1030 CFM	2	0%	2	EA S	348.00	135.00	696	270	966	
845				Supply Diffuser, TITUS 355 RS, 130 CFM	3	0%	3	EA S	230.00	80.00	690	240	930	
846				Supply Diffuser, TITUS 355 RS, 150 CFM	2	0%	2	EA S	230.00	80.00	460	160	620	
847				Supply Diffuser, TITUS 355 RS, 150 CFM	1	0%	1	EA S	429.00	166.00	429	166	595	
848				Supply Diffuser, TITUS 355 RS, 200 CFM	1	0%	1	EA S	244.00	87.00	244	87	331	
849				Supply Diffuser, TITUS 355 RS, 225 CFM	1	0%	1	EA S	244.00	87.00	244	87	331	
850				Supply Diffuser, TITUS 355 RS, 240 CFM	1	0%	1	EA S	244.00	87.00	244	87	331	
851				Supply Diffuser, TITUS 355 RS, 240 CFM	1	0%	1	EA S	244.00	87.00	244	87	331	
852				Supply Diffuser, TITUS 355 RS, 25 CFM	6	0%	6	EA S	107.00	48.00	642	288	930	
853				Supply Diffuser, TITUS 355 RS, 250 CFM	1	0%	1	EA S	244.00	87.00	244	87		

ITEM	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR	TOTAL ITEM COST	TRADE COST
888				Exhaust Grille, TITUS 355 RL, 300 CFM	2	0%	2	EA	\$ 263.00	\$ 96.00	\$ 256	\$ 192	\$ 448	
889				Exhaust Grille, TITUS 355 RL, 30 CFM	3	0%	3	EA	\$ 263.00	\$ 96.00	\$ 789	\$ 288	\$ 1,077	
890				Exhaust Grille, TITUS 355 RL, 30 CFM	6	0%	6	EA	\$ 107.00	\$ 48.00	\$ 642	\$ 288	\$ 930	
891				Exhaust Grille, TITUS 355 RL, 50 CFM	2	0%	2	EA	\$ 107.00	\$ 48.00	\$ 214	\$ 96	\$ 310	
892				Exhaust Grille, TITUS 355 RL, 700 CFM	1	0%	1	EA	\$ 330.00	\$ 106.00	\$ 330	\$ 106	\$ 436	
893				Exhaust Grille, TITUS 355 RL, 75 CFM	11	0%	11	EA	\$ 107.00	\$ 48.00	\$ 1,177	\$ 528	\$ 1,705	
894				6"ø Ceiling Exhaust Register, TITUS 355 RL, 30 CFM	65	0%	65	EA	\$ 107.00	\$ 48.00	\$ 6,955	\$ 3,120	\$ 10,075	
895				Transfer Grille, TITUS 355 RL	112	0%	112	EA	\$ 124.00	\$ 50.00	\$ 13,888	\$ 5,600	\$ 19,488	
896				6"ø Transfer Register, TITUS 355 RL, 30 CFM	107	0%	107	EA	\$ 107.00	\$ 48.00	\$ 11,449	\$ 5,136	\$ 16,585	
897				24"x48" Bottom Register (Purge), TITUS 355 ZRL, 6000 CFM	1	0%	1	EA	\$ 568.00	\$ 185.00	\$ 5,680	\$ 1,850	\$ 7,530	
ROOF TOP UNIT														
898				RTU-1, Roof Top Unit, LG ARDE-212-58-30H-25LJ	1	0%	1	EA	\$ 4,757.00	\$ 3,197.00	\$ 4,757	\$ 3,197	\$ 7,954	
UNIT HEATER														
899				WMH-1, Unit Heater, STELPRO AW3008T	6	0%	6	EA	\$ 1,488.00	\$ 920.00	\$ 8,928	\$ 5,520	\$ 14,448	
900				CMH-1, Unit Heater, STELPRO AC7508C-2	12	0%	12	EA	\$ 1,488.00	\$ 920.00	\$ 17,856	\$ 11,040	\$ 28,896	
901				EUH-1, Unit Heater, STELPRO ASH808TCTCHAR	3	0%	3	EA	\$ 2,651.00	\$ 1,413.00	\$ 7,953	\$ 4,239	\$ 12,192	
902				EUH-2, Unit Heater, STELPRO ASH808TCTCHAR	4	0%	4	EA	\$ 2,651.00	\$ 1,413.00	\$ 10,604	\$ 5,652	\$ 16,256	
903				KUH-1, Unit Heater, STELPRO ASKS1001	2	0%	2	EA	\$ 3,110.00	\$ 1,652.00	\$ 6,220	\$ 3,304	\$ 9,524	
FAN SCHEDULE														
904				CRXF-1, Exhaust Fan, GREENHECK, SQ-18	1	0%	1	EA	\$ 334.00	\$ 185.00	\$ 334	\$ 185	\$ 519	
905				GRF-1, Exhaust Fan, GREENHECK, SQ-80-VG	2	0%	2	EA	\$ 334.00	\$ 185.00	\$ 668	\$ 370	\$ 1,038	
906				GNF-1, Exhaust Fan, GREENHECK, ISO-180RP-20	1	0%	1	EA	\$ 334.00	\$ 185.00	\$ 334	\$ 185	\$ 519	
907				GNF-2, Exhaust Fan, GREENHECK, SQ-80-VG	1	0%	1	EA	\$ 334.00	\$ 185.00	\$ 334	\$ 185	\$ 519	
908				PNF-1, Exhaust Fan, GREENHECK, QD-27	1	0%	1	EA	\$ 398.00	\$ 172.00	\$ 398	\$ 172	\$ 570	
909				RXF-1, Exhaust Fan, GREENHECK, USF-10	1	0%	1	EA	\$ 298.00	\$ 172.00	\$ 298	\$ 172	\$ 470	
910				RXF-R, Exhaust Fan, GREENHECK, SQ-97-VG	1	0%	1	EA	\$ 298.00	\$ 172.00	\$ 298	\$ 172	\$ 470	
911				SPXF-1, Exhaust Fan, GREENHECK, AS-72-190-610-A30	1	0%	1	EA	\$ 377.00	\$ 200.00	\$ 377	\$ 200	\$ 577	
912				SPXF-2, Exhaust Fan, GREENHECK, AS-44-160-0418-M20	1	0%	1	EA	\$ 377.00	\$ 200.00	\$ 377	\$ 200	\$ 577	
913				TXF-R, Exhaust Fan, GREENHECK, SQ-97-VG	1	0%	1	EA	\$ 460.00	\$ 220.00	\$ 460	\$ 220	\$ 680	
914				MUAF-1, Makeup Air Unit Fan, LF SYSTEMS ISA20	1	0%	1	EA	\$ 4,809.00	\$ 1,639.00	\$ 4,809	\$ 1,639	\$ 6,448	
915				DXF-1, Clothes Dryer, LF SYSTEMS, DEF025	1	0%	1	EA	\$ 1,410.00	\$ 386.00	\$ 1,410	\$ 386	\$ 1,796	
916				QAF-1, Details Not Given	1	0%	1	EA	\$ 280.00	\$ 196.00	\$ 280	\$ 196	\$ 476	
LOUVER														
917				0.5 SQFT Louver	6	0%	6	EA	\$ 194.00	\$ 65.00	\$ 1,164	\$ 390	\$ 1,554	
918				1 SQFT Louver	1	0%	1	EA	\$ 234.00	\$ 102.00	\$ 234	\$ 102	\$ 336	
919				2 SQFT Louver	1	0%	1	EA	\$ 268.00	\$ 120.00	\$ 268	\$ 120	\$ 388	
920				14 SQFT Garage Exhaust Louver	1	0%	1	EA	\$ 520.00	\$ 166.00	\$ 520	\$ 166	\$ 686	
921				18QFT, Exhaust Louver W/ Wing Mesh	2	0%	2	EA	\$ 234.00	\$ 102.00	\$ 468	\$ 204	\$ 672	
922				21 SQFT Louver	1	0%	1	EA	\$ 568.00	\$ 195.00	\$ 568	\$ 195	\$ 763	
923				25QFT Louver	1	0%	1	EA	\$ 268.00	\$ 120.00	\$ 268	\$ 120	\$ 388	
924				3 SQFT Louver	2	0%	2	EA	\$ 292.00	\$ 144.00	\$ 584	\$ 288	\$ 872	
925				1 SQFT Relief Air Louver	1	0%	1	EA	\$ 292.00	\$ 144.00	\$ 292	\$ 144	\$ 436	
926				5 SQFT General Exhaust Louver	1	0%	1	EA	\$ 343.00	\$ 160.00	\$ 343	\$ 160	\$ 503	
927				50 SQIN Louver	1	0%	1	EA	\$ 630.00	\$ 244.00	\$ 630	\$ 244	\$ 874	
928				9 SQFT, Relief Louver	1	0%	1	EA	\$ 420.00	\$ 179.00	\$ 420	\$ 179	\$ 599	
AIR CONDITIONING UNIT														
929				AC-1-1, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
930				AC-1-2, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
931				AC-1-3, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
932				AC-1-4, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
933				AC-1-5, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
934				AC-1-6, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
935				AC-1-7, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
936				AC-1-8, Air Conditioning Unit, LG ARNU243M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
937				AC-1-9, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
938				AC-1-10, Air Conditioning Unit, LG ARNU243M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
939				AC-2-1, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
940				AC-2-2, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
941				AC-2-3, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
942				AC-2-4, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
943				AC-2-5, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
944				AC-2-6, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
945				AC-2-7, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
946				AC-2-8, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
947				AC-2-9, Air Conditioning Unit, LG ARNU153M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
948				AC-2-10, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
949				AC-2-11, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
950				AC-2-12, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
951				AC-2-13, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
952				AC-2-14, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
953				AC-2-15, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
954				AC-2-16, Air Conditioning Unit, LG ARNU153M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
955				AC-2-17, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
956				AC-3-1, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
957				AC-3-2, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
958				AC-3-3, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
959				AC-3-4, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
960				AC-3-5, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
961				AC-3-6, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
962				AC-3-7, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
963				AC-3-8, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
964				AC-3-9, Air Conditioning Unit, LG ARNU153M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
965				AC-3-10, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
966				AC-3-11, Air Conditioning Unit, LG ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
967				AC-3-12, Air Conditioning Unit, LG ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
968														

ITEM	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
1008				AC-7-10, Air Conditioning Unit, LG, ARNU133M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1011				AC-7-11, Air Conditioning Unit, LG, ARNU24M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1012				AC-7-12, Air Conditioning Unit, LG, ARNU073L1G4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1013				AC-7-13, Air Conditioning Unit, LG, ARNU073M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1014				AC-7-14, Air Conditioning Unit, LG, ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1015				AC-7-15, Air Conditioning Unit, LG, ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1016				AC-8-1, Air Conditioning Unit, LG, ARNU133M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1017				AC-8-2, Air Conditioning Unit, LG, ARNU093M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1018				AC-8-3, Air Conditioning Unit, LG, ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1019				AC-8-4, Air Conditioning Unit, LG, ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1040				AC-8-5, Air Conditioning Unit, LG, ARNU093M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1041				AC-8-6, Air Conditioning Unit, LG, ARNU243M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1042				AC-8-7, Air Conditioning Unit, LG, ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1043				AC-8-8, Air Conditioning Unit, LG, ARNU073M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1044				AC-8-9, Air Conditioning Unit, LG, ARNU243M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1045				AC-8-10, Air Conditioning Unit, LG, ARNU243M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1046				AC-8-11, Air Conditioning Unit, LG, ARNU073L1G4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1047				AC-8-12, Air Conditioning Unit, LG, ARNU073M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1048				AC-8-13, Air Conditioning Unit, LG, ARNU123M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
1049				AC-8-14, Air Conditioning Unit, LG, ARNU183M1A4	1	0%	1	EA	\$ 1,420.00	\$ 1,136.00	\$ 1,420	\$ 1,136	\$ 2,556	
CONDENSING UNIT														
1050				ACCU-1, Air Conditioning Condensing Unit, LG, ARUM168BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1051				ACCU-2A, Air Conditioning Condensing Unit, LG, ARUM144HTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1052				ACCU-3B, Air Conditioning Condensing Unit, LG, ARUM072BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1053				ACCU-3A, Air Conditioning Condensing Unit, LG, ARUM144HTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1054				ACCU-3B, Air Conditioning Condensing Unit, LG, ARUM072BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1055				ACCU-4A, Air Conditioning Condensing Unit, LG, ARUM121BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1056				ACCU-4B, Air Conditioning Condensing Unit, LG, ARUM072BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1057				ACCU-5A, Air Conditioning Condensing Unit, LG, ARUM121BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1058				ACCU-5B, Air Conditioning Condensing Unit, LG, ARUM072BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1059				ACCU-6A, Air Conditioning Condensing Unit, LG, ARUM121BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1060				ACCU-6B, Air Conditioning Condensing Unit, LG, ARUM072BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1061				ACCU-7A, Air Conditioning Condensing Unit, LG, ARUM121BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1062				ACCU-7B, Air Conditioning Condensing Unit, LG, ARUM072BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1063				ACCU-8A, Air Conditioning Condensing Unit, LG, ARUM121BTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1064				ACCU-8B, Air Conditioning Condensing Unit, LG, ARUM090HTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1065				ACCU-CSC, Air Conditioning Condensing Unit, LG, ARUM192HTES	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1066				AC-C-1, Air Conditioning Unit, LG, ARNU073M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1067				AC-C-2, Air Conditioning Unit, LG, ARNU163M2A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1068				AC-C-3, Air Conditioning Unit, LG, ARNU263M2A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1069				AC-C-4, Air Conditioning Unit, LG, ARNU243M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1070				AC-SC-1, Air Conditioning Unit, LG, ARNU123M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1071				AC-SC-2, Air Conditioning Unit, LG, ARNU183M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1072				AC-SC-3, Air Conditioning Unit, LG, ARNU123M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1073				AC-SC-4, Air Conditioning Unit, LG, ARNU093M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1074				AC-SC-5, Air Conditioning Unit, LG, ARNU073M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1075				AC-SC-6, Air Conditioning Unit, LG, ARNU183M1A4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
1076				AC-SC-7, Air Conditioning Unit, LG, ARNU073TUD4	1	0%	1	EA	\$ 2,252.00	\$ 1,414.00	\$ 2,252	\$ 1,414	\$ 3,666	
DAMPER														
1077				20"x8" Damper	1	0%	1	EA	\$ 252.00	\$ 69.00	\$ 252	\$ 69	\$ 321	
1078				20"x8" Fire Damper	1	0%	1	EA	\$ 252.00	\$ 69.00	\$ 252	\$ 69	\$ 321	
1079				10"x6" Damper	51	0%	51	EA	\$ 140.00	\$ 46.00	\$ 7,140	\$ 2,346	\$ 9,486	
1080				10"x6" Fire Damper	5	0%	5	EA	\$ 140.00	\$ 46.00	\$ 700	\$ 230	\$ 930	
1081				10"x6" Fire Smoke Damper	4	0%	4	EA	\$ 140.00	\$ 46.00	\$ 560	\$ 184	\$ 744	
1082				10"x8" Damper	3	0%	3	EA	\$ 144.00	\$ 50.00	\$ 432	\$ 150	\$ 582	
1083				10"x8" Fire Damper	15	0%	15	EA	\$ 144.00	\$ 50.00	\$ 2,160	\$ 750	\$ 2,910	
1084				12"x6" Cable Operated Damper	8	0%	8	EA	\$ 213.00	\$ 53.00	\$ 1,704	\$ 424	\$ 2,128	
1085				12"x6" Damper	51	0%	51	EA	\$ 513.00	\$ 53.00	\$ 10,863	\$ 2,703	\$ 13,566	
1086				12"x6" Fire Smoke Damper	3	0%	3	EA	\$ 213.00	\$ 53.00	\$ 639	\$ 159	\$ 798	
1087				12"x6" Fire Smoke Damper	2	0%	2	EA	\$ 213.00	\$ 53.00	\$ 426	\$ 106	\$ 532	
1088				12"x8" Cable Operated Damper	1	0%	1	EA	\$ 220.00	\$ 55.00	\$ 220	\$ 55	\$ 275	
1089				12"x8" Damper	5	0%	5	EA	\$ 220.00	\$ 55.00	\$ 1,100	\$ 275	\$ 1,375	
1090				14" Dia Fire Smoke Damper	1	0%	1	EA	\$ 167.00	\$ 57.00	\$ 167	\$ 57	\$ 224	
1091				14"x6" Damper	6	0%	6	EA	\$ 167.00	\$ 57.00	\$ 1,002	\$ 342	\$ 1,344	
1092				14"x6" Fire Damper	3	0%	3	EA	\$ 167.00	\$ 57.00	\$ 501	\$ 171	\$ 672	
1093				14"x6" Fire Smoke Damper	2	0%	2	EA	\$ 167.00	\$ 57.00	\$ 334	\$ 114	\$ 448	
1094				14"x8" Damper	15	0%	15	EA	\$ 185.00	\$ 64.00	\$ 2,775	\$ 960	\$ 3,735	
1095				14"x8" Fire Smoke Damper	3	0%	3	EA	\$ 185.00	\$ 64.00	\$ 555	\$ 192	\$ 747	
1096				16"x10" Damper	2	0%	2	EA	\$ 209.00	\$ 64.00	\$ 418	\$ 128	\$ 546	
1097				16"x10" Fire Smoke Damper	1	0%	1	EA	\$ 209.00	\$ 64.00	\$ 209	\$ 64	\$ 273	
1098				16"x6" Damper	5	0%	5	EA	\$ 209.00	\$ 64.00	\$ 1,045	\$ 320	\$ 1,365	
1099				16"x6" Fire Damper	1	0%	1	EA	\$ 209.00	\$ 64.00	\$ 209	\$ 64	\$ 273	
1100				18"x6" Damper	5	0%	5	EA	\$ 222.00	\$ 70.00	\$ 1,110	\$ 350	\$ 1,460	
1101				18"x6" Fire Damper	2	0%	2	EA	\$ 222.00	\$ 70.00	\$ 444	\$ 140	\$ 584	
1102				18"x8" Fire Damper	3	0%	3	EA	\$ 222.00	\$ 70.00	\$ 666	\$ 210	\$ 876	
1103				20"x8" Fire Smoke Damper	1	0%	1	EA	\$ 252.00	\$ 69.00	\$ 252	\$ 69	\$ 321	
1104				22"x8" Fire Smoke Damper	1	0%	1	EA	\$ 272.00	\$ 78.00	\$ 272	\$ 78	\$ 350	
1105				24"x8" Fire Smoke Damper	2	0%	2	EA	\$ 289.00	\$ 86.00	\$ 578	\$ 172	\$ 750	
1106				26"x10" Fire Damper	1	0%	1	EA	\$ 322.00	\$ 110.00	\$ 322	\$ 110	\$ 432	
1107				26"x20" Fire Damper	1	0%	1	EA	\$ 322.00	\$ 110.00	\$ 322	\$ 110	\$ 432	
1108				26"x20" Motorized Damper	1	0%	1	EA	\$ 322.00	\$ 110.00	\$ 322	\$ 110	\$ 432	
1109				26"x24" Motorized Damper	1	0%	1	EA	\$ 322.00	\$ 110.00	\$ 322	\$ 110	\$ 432	
1110				30"x12" Fire Damper	1	0%	1	EA	\$ 341.00	\$ 121.00	\$ 341	\$ 121	\$ 462	
1111				30"x24" Damper	1	0%	1	EA	\$ 341.00	\$ 121.00	\$ 341	\$ 121	\$ 462	
1112				30"x24" Fire Smoke Damper	1	0%	1	EA	\$ 341.00	\$ 121.00	\$ 341	\$ 121	\$ 462	
1113				30"x24" Fire Smoke Damper	3	0%	3	EA	\$ 341.00	\$ 121.00	\$ 1,023	\$ 363	\$ 1,386	
1114				32"x20" Fire Damper	1	0%	1	EA	\$ 366.00	\$ 132.00	\$ 366	\$ 132	\$ 498	
1115				34"x20" Fire Smoke Damper	18	0%	18	EA	\$ 375.00	\$ 136.00	\$ 6,750	\$ 2,484	\$ 9,234	
1116				36"x20" Fire Smoke Damper	1	0%	1	EA	\$ 388.00	\$ 150.00	\$ 388	\$ 150	\$ 538	
1117				44"x26" Motorized Damper	1	0%	1	EA	\$ 426.00	\$ 162.00	\$ 426	\$ 162	\$ 588	
1118				6"x6" Damper	5	0%	5	EA	\$ 44.00	\$ 40.00	\$ 220	\$ 200	\$ 420	
1119				6"x6" Fire Smoke Damper	1	0%	1	EA	\$ 44.00	\$ 40.00	\$ 44	\$ 40	\$ 84	
1120				8"x6" Damper	17	0%	17	EA	\$ 65.00	\$ 52.00	\$ 1,085	\$ 884	\$ 1,969	
1121				8"x6" Fire Damper	4	0%	4	EA	\$ 65.00	\$ 52.00	\$ 260	\$		

ITEM	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR	TOTAL ITEM COST	TRADE COST
1169			4530 CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	1,842	10%	2,026	LF	\$ 2.54	\$ 8.26	\$ 4,692	\$ 9,469	\$ 14,161	
1170			4430 CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	131	10%	144	LF	\$ 2.54	\$ 8.26	\$ 366	\$ 1,190	\$ 1,556	
1171			4430 CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	270	10%	297	LF	\$ 2.54	\$ 8.26	\$ 754	\$ 2,453	\$ 3,208	
1172			4430 CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	828	10%	911	LF	\$ 2.54	\$ 8.26	\$ 2,313	\$ 7,523	\$ 9,837	
1173			4530CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	1,259	10%	1,384	LF	\$ 2.54	\$ 8.26	\$ 3,513	\$ 11,387	\$ 14,900	
1174			4530CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	1,270	10%	1,395	LF	\$ 2.54	\$ 8.26	\$ 3,538	\$ 11,422	\$ 14,960	
1175			4530CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	2,944	10%	3,238	LF	\$ 2.54	\$ 8.26	\$ 8,132	\$ 25,994	\$ 34,126	
1176			4530CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	159	10%	175	LF	\$ 2.54	\$ 8.26	\$ 445	\$ 1,448	\$ 1,893	
1177			3450MCM TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 2 Cable Terminations As Required.)	79	10%	87	LF	\$ 2.54	\$ 8.26	\$ 219	\$ 708	\$ 927		
1178			4400CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	200	10%	220	LF	\$ 2.54	\$ 8.26	\$ 559	\$ 1,762	\$ 2,321	
1179			4500CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	200	10%	220	LF	\$ 2.54	\$ 8.26	\$ 559	\$ 1,762	\$ 2,321	
1180			4500CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	2,976	10%	3,270	LF	\$ 2.54	\$ 8.26	\$ 8,298	\$ 25,994	\$ 34,292	
1181			4500CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	3,312	10%	3,645	LF	\$ 2.54	\$ 8.26	\$ 9,261	\$ 28,994	\$ 38,255	
1182			4500CMIL CU	3450 TYPE-MC VITALINK CABLE or 3450 TYPE-MI CABLE CU (with 4 Cable Terminations As Required.)	4,196	10%	4,615	LF	\$ 2.54	\$ 8.26	\$ 11,732	\$ 36,994	\$ 48,726	
1183				TERMINATION										
1184				Heat Shrink Tubing For #8 CU Wire	40	0%	40	EA	\$ 14.00	\$ 10.00	\$ 560	\$ 400	\$ 960	
1185				Heat Shrink Tubing For #8 CU Wire	40	0%	40	EA	\$ 14.00	\$ 10.00	\$ 560	\$ 400	\$ 960	
1186				Heat Shrink Tubing For #8 CU Wire	208	0%	208	EA	\$ 16.50	\$ 11.84	\$ 3,422	\$ 2,463	\$ 5,885	
1187				Heat Shrink Tubing For #8 CU Wire	106	0%	106	EA	\$ 19.32	\$ 12.50	\$ 2,048	\$ 1,325	\$ 3,373	
1188				Heat Shrink Tubing For #8 CU Wire	106	0%	106	EA	\$ 19.32	\$ 12.50	\$ 2,048	\$ 1,325	\$ 3,373	
1189				Heat Shrink Tubing For #8 CU Wire	38	0%	38	EA	\$ 19.32	\$ 12.50	\$ 734	\$ 475	\$ 1,209	
1190				Heat Shrink Tubing For #8 CU Wire	38	0%	38	EA	\$ 19.32	\$ 12.50	\$ 734	\$ 475	\$ 1,209	
1191				Heat Shrink Tubing For #8 CU Wire	6	0%	6	EA	\$ 19.32	\$ 12.50	\$ 116	\$ 75	\$ 191	
1192				Heat Shrink Tubing For #8 CU Wire	6	0%	6	EA	\$ 19.32	\$ 12.50	\$ 116	\$ 75	\$ 191	
1193				Heat Shrink Tubing For #8 CU Wire	68	0%	68	EA	\$ 19.32	\$ 12.50	\$ 1,314	\$ 850	\$ 2,164	
1194				Heat Shrink Tubing For #8 CU Wire	68	0%	68	EA	\$ 19.32	\$ 12.50	\$ 1,314	\$ 850	\$ 2,164	
1195				Heat Shrink Tubing For #8 CU Wire	614	0%	614	EA	\$ 19.32	\$ 12.50	\$ 11,862	\$ 7,675	\$ 19,537	
1196				Heat Shrink Tubing For #8 CU Wire	614	0%	614	EA	\$ 19.32	\$ 12.50	\$ 11,862	\$ 7,675	\$ 19,537	
1197				Heat Shrink Tubing For #8 CU Wire	32	0%	32	EA	\$ 19.32	\$ 12.50	\$ 618	\$ 400	\$ 1,018	
1198				Heat Shrink Tubing For #8 CU Wire	32	0%	32	EA	\$ 19.32	\$ 12.50	\$ 618	\$ 400	\$ 1,018	
1199				Heat Shrink Tubing For #8 CU Wire	6	0%	6	EA	\$ 19.32	\$ 12.50	\$ 116	\$ 75	\$ 191	
1200				Heat Shrink Tubing For #8 CU Wire	6	0%	6	EA	\$ 19.32	\$ 12.50	\$ 116	\$ 75	\$ 191	
1201				Heat Shrink Tubing For #8 CU Wire	12	0%	12	EA	\$ 19.32	\$ 12.50	\$ 232	\$ 150	\$ 382	
1202				Heat Shrink Tubing For #8 CU Wire	12	0%	12	EA	\$ 19.32	\$ 12.50	\$ 232	\$ 150	\$ 382	
1203				Heat Shrink Tubing For #8 CU Wire	26	0%	26	EA	\$ 24.20	\$ 13.86	\$ 971	\$ 499	\$ 1,470	
1204				Heat Shrink Tubing For #8 CU Wire	36	0%	36	EA	\$ 24.20	\$ 13.86	\$ 971	\$ 499	\$ 1,470	
1205				Heat Shrink Tubing For #8 CU Wire	48	0%	48	EA	\$ 29.20	\$ 15.10	\$ 1,402	\$ 725	\$ 2,126	
1206				Heat Shrink Tubing For #8 CU Wire	48	0%	48	EA	\$ 29.20	\$ 15.10	\$ 1,402	\$ 725	\$ 2,126	
1207				Heat Shrink Tubing For #8 CU Wire	14	0%	14	EA	\$ 34.20	\$ 16.20	\$ 479	\$ 227	\$ 706	
1208				Heat Shrink Tubing For #8 CU Wire	14	0%	14	EA	\$ 34.20	\$ 16.20	\$ 479	\$ 227	\$ 706	
1209				Heat Shrink Tubing For #8 CU Wire	10	0%	10	EA	\$ 38.10	\$ 18.20	\$ 381	\$ 182	\$ 563	
1210				Heat Shrink Tubing For #8 CU Wire	10	0%	10	EA	\$ 38.10	\$ 18.20	\$ 381	\$ 182	\$ 563	
1211				Heat Shrink Tubing For #8 CU Wire	16	0%	16	EA	\$ 45.20	\$ 20.10	\$ 723	\$ 322	\$ 1,045	
1212				Heat Shrink Tubing For #8 CU Wire	16	0%	16	EA	\$ 45.20	\$ 20.10	\$ 723	\$ 322	\$ 1,045	
1213				Heat Shrink Tubing For #8 CU Wire	22	0%	22	EA	\$ 54.60	\$ 22.80	\$ 1,147	\$ 730	\$ 2,477	
1214				Heat Shrink Tubing For #8 CU Wire	32	0%	32	EA	\$ 54.60	\$ 22.80	\$ 1,747	\$ 1,094	\$ 3,741	
1215				Heat Shrink Tubing For #8 CU Wire	48	0%	48	EA	\$ 54.60	\$ 22.80	\$ 2,621	\$ 1,694	\$ 4,315	
1216				Heat Shrink Tubing For #8 CU Wire	48	0%	48	EA	\$ 54.60	\$ 22.80	\$ 2,621	\$ 1,694	\$ 4,315	
1217				Heat Shrink Tubing For #8 CU Wire	88	0%	88	EA	\$ 64.20	\$ 25.10	\$ 5,650	\$ 2,209	\$ 7,858	
1218				Heat Shrink Tubing For #8 CU Wire	88	0%	88	EA	\$ 64.20	\$ 25.10	\$ 5,650	\$ 2,209	\$ 7,858	
1219				CIRCUIT BREAKER										
1220				1P 15A Breaker	93	0%	93	EA	\$ 16.00	\$ 32.00	\$ 1,488	\$ 2,976	\$ 4,464	
1221				1P 20A Breaker	2,732	0%	2,732	EA	\$ 16.00	\$ 32.00	\$ 43,712	\$ 87,424	\$ 131,136	
1222				1P 30A Breaker	8	0%	8	EA	\$ 16.00	\$ 32.00	\$ 128	\$ 256	\$ 384	
1223				2P 15A Breaker	157	0%	157	EA	\$ 18.00	\$ 37.00	\$ 2,826	\$ 5,652	\$ 8,478	
1224				2P 20A Breaker	145	0%	145	EA	\$ 18.00	\$ 37.00	\$ 2,610	\$ 5,242	\$ 7,852	
1225				2P 30A Breaker	47	0%	47	EA	\$ 18.00	\$ 37.00	\$ 846	\$ 1,739	\$ 2,585	
1226				3P 15A Breaker	1	0%	1	EA	\$ 21.00	\$ 44.00	\$ 21	\$ 44	\$ 65	
1227				3P 20A Breaker	19	0%	19	EA	\$ 21.00	\$ 44.00	\$ 399	\$ 778	\$ 1,177	
1228				3P 30A Breaker	1	0%	1	EA	\$ 21.00	\$ 44.00	\$ 21	\$ 44	\$ 65	
1229				30AS 15AF Fused Breaker	2	0%	2	EA	\$ 38.00	\$ 85.00	\$ 76	\$ 152	\$ 228	
1230				30AS 20AF Fused Breaker	6	0%	6	EA	\$ 38.00	\$ 85.00	\$ 228	\$ 456	\$ 684	
1231				30AS 30AF Fused Breaker	5	0%	5	EA	\$ 38.00	\$ 85.00	\$ 190	\$ 380	\$ 570	
1232				30AS 40AF Fused Breaker	11	0%	11	EA	\$ 38.00	\$ 85.00	\$ 418	\$ 836	\$ 1,254	
1233				30AS 50AF Fused Breaker	4	0%	4	EA	\$ 38.00	\$ 85.00	\$ 152	\$ 304	\$ 456	
1234				30AS 60AF Fused Breaker	1	0%	1	EA	\$ 38.00	\$ 85.00	\$ 38	\$ 76	\$ 114	
1235				30AS 75AF Fused Breaker	2	0%	2	EA	\$ 45.00	\$ 106.00	\$ 90	\$ 180	\$ 270	
1236				30AS 100AF Fused Breaker	1	0%	1	EA	\$ 45.00	\$ 106.00	\$ 45	\$ 90	\$ 135	
1237				30AS 125AF Fused Breaker	1	0%	1	EA	\$ 45.00	\$ 106.00	\$ 45	\$ 90	\$ 135	
1238				30AS 150AF Fused Breaker	4	0%	4	EA	\$ 45.00	\$ 106.00	\$ 180	\$ 360	\$ 540	
1239				30AS 200AF Fused Breaker	1	0%	1	EA	\$ 58.00	\$ 130.00	\$ 58	\$ 116	\$ 174	
1240				30AS 250AF Fused Breaker	1	0%	1	EA	\$ 58.00	\$ 130.00	\$ 58	\$ 116	\$ 174	
1241				30AS 300AF Fused Breaker	1	0%	1	EA	\$ 70.00	\$ 150.00	\$ 70	\$ 140	\$ 210	
1242				30AS 400AF Fused Breaker	1	0%	1	EA	\$ 70.00	\$ 150.00	\$ 70	\$ 140	\$ 210	
1243				30AS 500AF Fused Breaker	2	0%	2	EA	\$ 84.00	\$ 175.00	\$ 168	\$ 336	\$ 504	
1244				30AS 600AF Fused Breaker	2	0%	2	EA	\$ 110.00	\$ 238.00	\$ 220	\$ 440	\$ 660	
1245				30AS 750AF Fused Breaker	1	0%	1	EA	\$ 126.00	\$ 280.00	\$ 126	\$ 252	\$ 378	
1246				30AS 1000AF Fused Breaker	1	0%	1	EA	\$ 126.00	\$ 280.00	\$ 126	\$ 252	\$ 378	
1247				PANEL										
1248				100A MLO, 120/208V, 42pole Panel	8	0%	8	EA	\$ 1,846.00	\$ 1,785.00	\$ 14,768	\$ 14,280	\$ 29,048	
1249				1200A MLO, 208/120V, 30, 4W-G, 200 KAC House Distribution Board	1	0%	1	EA	\$ 6,002.00	\$ 2,610.00	\$ 6,002	\$ 2,610	\$ 8,612	
1250				1200A MLO, 208/120V, 30, 4W-G, 200 KAC House Distribution Board	1	0%	1	EA	\$ 6,002.00	\$ 2,610.00	\$ 6,002	\$ 2,610	\$ 8,612	
1251				125A, 120/208V, 1P, 3W, MLO, 10KAC, 30 Socket Flush Mounted Typical Unit Panel	99	0%	99	EA	\$ 1,912.00	\$ 1,816.00	\$ 189,288	\$ 179,784	\$ 369,072	
1252				2000A MLO, 208/120V, 30, 4W-G, 200 KAC Tenant Distribution Board	1	0%	1	EA	\$ 7,217.00	\$ 3,022.00	\$ 7,217	\$ 3,022	\$ 10,239	
1253				200A MLO, 208/120V, 30, 4W-G, 200 KAC House Distribution Board	1	0%	1	EA	\$ 2,046.00	\$ 1,922.00	\$ 2,046	\$ 1,922	\$ 3,968	
1254				225A MLO, 120/208V, 42pole Panel	9	0%	9	EA	\$ 2,243.00	\$ 2,014.00	\$ 20,137	\$ 18,126	\$ 38,263	
1255				400A, 120/208V, 1P, 4W-G, 200 KAC Service Switchboard	1	0%	1	EA	\$ 10,640.00	\$ 3,872.00	\$ 10,640	\$ 3,872	\$ 14,512	
1256				400A MLO, 208/120V, 30, 4W-G, 200 KAC Service Switchboard	1	0%	1	EA	\$ 2,461.00	\$ 2,748.00	\$ 2,461	\$ 2,748	\$ 5,209	
1257				400A MLO, 120/208V, 42pole Panel	1	0%	1	EA	\$ 2,461.00	\$ 2,748.00	\$ 2,461	\$ 2,748	\$ 5,209	
1258				800A MLO, 208/120V, 30, 4W-G, Mechanical Distribution Board	1	0%	1	EA	\$ 6,122.00	\$ 2,942.00	\$ 6,122	\$ 2,942	\$ 9,064	
1259				800A MLO, 120/208V, 42pole Panel	1	0%	1	EA	\$ 6,122.00	\$ 2,942.00	\$ 6,122	\$ 2,942	\$ 9,064	
1260				800A MLO, 208/120V, 30, 4W-G, Mechanical Distribution Board	1	0%	1	EA	\$ 6,122.00	\$ 2,942.00	\$ 6,122	\$ 2,942	\$ 9,064	
1261				800A MLO, 120/208V, 42pole Panel	1	0%	1	EA	\$ 6,122.00	\$ 2,942.00	\$ 6,122	\$ 2,942	\$ 9,064	
1														

	ITEM	REF.	SHEET	DETAIL	C/SI	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL	TOTAL LABOR COST	TOTAL ITEM COST	TRADE CODE	
1304						DRYCK											
1304						ALITHONIA LIGHTING/OPEN LED CAN LIGHT/DLNA 3515 LAWR/LD120	129	0%	129	EA	\$	99.59	\$	12,847	\$	14,964	27.81
1305						AZITHONIA LIGHTING/24"x24" LED PANELL/DLA 3515 LAWR/LDG1/	27	0%	27	EA	\$	158.00	\$	4,266	\$	4,752	9.018
1306						ATOPAZ LIGHTING/ARCHITECTURAL LED CAN LIGHT/RDL4RDWN2S700K	337	0%	337	EA	\$	99.59	\$	11,606	\$	33,562	39.092
1307						BETICAL LIGHTING/PENDANT NOTH/NOA/BELC E26 BASE	35	0%	35	EA	\$	180.00	\$	6,300	\$	1,678	13.659
1308						BENNERMOST CRUS PENDANT/N212ASX/E26 BASE	2	0%	2	EA	\$	180.00	\$	202.00	\$	376	.404
1309						BIGENERATION LIGHTING/TOWER MINI PENDANT/4141-BO-4481-X E26 BASE	2	0%	2	EA	\$	180.00	\$	202.00	\$	376	.404
1310						BISACUL FRANKFORD CHANDELIER/SHIR D17017 X LEDGE 12W/12V LED	3	0%	3	EA	\$	176.00	\$	528	\$	1,080	1.288
1311						BISTROY RLM/AV DITY ALUMINUM SHADREY GUARD OPTION/AL26 MIDE	18	0%	18	EA	\$	180.00	\$	202.00	\$	376	.404
1312						BURKHARDT FORTHGERSNY PENDANT/HSS26262/KAW E26, 120V	2	0%	2	EA	\$	213.00	\$	198.00	\$	426	.5
1313						BT-LITHONIA LIGHTING LINEAR LED LUXE/LX LK SWOL/SHP FBI L20350K QOCRI	14	0%	14	EA	\$	206.00	\$	2,884	\$	1,633	1.041
1314						CI-Make-Model or Matching Detail not found. Please confirm/verify.	8	0%	8	EA	\$	224.00	\$	1,776	\$	3,136	.278
1315						Battery Backup Ballast for Lighting Fixture "C"	4	0%	4	EA	\$	224.00	\$	1,776	\$	896	.708
1316						CH T/ LAMIESCO LIGHTING/DRYER/FSS LED STRIP/DL-A-FLEX EB350K, 90 CR	430	0%	430	EA	\$	99.59	\$	11,606	\$	42,814	49.688
1317						CLITHONIA LIGHTING LINEAR LEDX/LX 300LM SEF FBI L20350K QOCRI	179	0%	179	EA	\$	99.59	\$	11,606	\$	17,827	20.764
1318						CLIVEGA MINOR PM1322LED with DC Dimmer/780/M120P 3000K, 90CRI	84	0%	84	EA	\$	99.59	\$	11,606	\$	8,266	9.744
1319						GLAZON LIGHTING/GALO G LED SURFACE MOUNT/ENDROBSS/HU350K, QOCRI	23	0%	23	EA	\$	99.59	\$	11,606	\$	2,291	2.668
1320						CSGARDOOLD PARKING GARAGE LIGHTS/PGW-140L-80W-NWG-SM400K, 70 CRI	19	0%	19	EA	\$	158.00	\$	176.00	\$	3,002	.2344
1321						DIUBHARDT FORTHGALLERY SCONCE/HUR 902713X/A19 E26, 120V	3	0%	3	EA	\$	158.00	\$	176.00	\$	474	.528
1322						DILBHARDT FORTHGALLERY LIGHT DARK SKY SCONCE/EMPHED MEDIUM A15	22	0%	22	EA	\$	158.00	\$	176.00	\$	3,178	.2914
1323						DILBHARDT FORTHGALLERY SCONCE/217635G+HALOGEN, 3.4	22	0%	22	EA	\$	158.00	\$	176.00	\$	3,476	.328
1324						DAVAL LIGHTING/LOG LED SCONE/VSC2542120V LED	79	0%	79	EA	\$	99.59	\$	11,606	\$	7,688	9.164
1325						DI-Make-Model Removed	3	0%	3	EA	\$	99.59	\$	11,606	\$	299	.447
1326						DKRICKLE LIGHTING/KNOWSLOW 3 LIGHT VANITY LIGHT/LS888K/E26 BASE	100	0%	100	EA	\$	99.59	\$	11,606	\$	9,959	11.609
1327						EM - Double Face Ceiling Mounted with Arrow/LITHONIA LIGHTING/EMERGENCY LI	9	0%	9	EA	\$	78.00	\$	104.00	\$	792	.936
1328						EM - Double Face Ceiling Mounted without Arrow/LITHONIA LIGHTING/EMERGENCY LI	14	0%	14	EA	\$	78.00	\$	104.00	\$	1,092	1.456
1329						EM - Single Face Ceiling Mounted with Single Arrow/LITHONIA LIGHTING/EMERGENCY LI	3	0%	3	EA	\$	78.00	\$	104.00	\$	234	.312
1330						EM - Single Face Ceiling Mounted without Arrow/LITHONIA LIGHTING/EMERGENCY LI	15	0%	15	EA	\$	78.00	\$	104.00	\$	1,170	1.560
1331						GO-BRACE MOUNTED DECORATIVE EMERGENCY LIGHT WITH INTEGRAL EMER	14	0%	14	EA	\$	149.00	\$	1,692	\$	206	2.42
1332						BOH - SURFACE OR PENDANT MOUNTED VAPORPROOF, GASKETED, LIGHT FIX	10	0%	10	EA	\$	188.00	\$	202.00	\$	1,880	2.020
1333						BOH - CF CEILING SURFACE, FLOODLIGHT OR HUNG/STATIONARY CAT 2LAW252	14	0%	14	EA	\$	213.00	\$	198.00	\$	2,982	3.754
1334						Battery Backup Ballast for Lighting Fixture "C"	4	0%	4	EA	\$	224.00	\$	1,776	\$	896	.708
1335						BOH - HOOD/OUTER DOME, STRUCTION WITH MOUNTION SENSOR, WET LOCATION	8	0%	8	EA	\$	234.00	\$	207.00	\$	1,840	1.656
1336						LIGHTING CONTROL											
1336						SVAVA Lighting Inverter	1	0%	1	EA	\$	2,120.00	\$	633.00	\$	2,120	633
1337						7.SAVA Lighting Inverter	1	0%	1	EA	\$	2,085.00	\$	844.00	\$	2,085	844
1338						Deafault Sensor	4	0%	4	EA	\$	121.00	\$	86.00	\$	484	344
1339						ELP Emergency Lighting Relay and Test Switch. Coordinate test switch locations with architect.	211	0%	211	EA	\$	85.00	\$	17,935	\$	8,440	26,375
1340						Fire Pole Downer Switch	1	0%	1	EA	\$	78.00	\$	55.00	\$	55	20
1341						Four Pole Downer Switch	7	0%	7	EA	\$	20.00	\$	55.00	\$	140	385
1342						Houseset or Rated Toggle Switch	1	0%	1	EA	\$	14.00	\$	68.00	\$	14	68
1343						LITRON System Time-Clock Override Preset Control Switch	1	0%	1	EA	\$	212.00	\$	212.00	\$	212	460
1344						Occupancy Sensor	20	0%	20	EA	\$	124.00	\$	111.00	\$	2,480	2,228
1345						Occupancy Sensor	81	0%	81	EA	\$	124.00	\$	111.00	\$	10,044	8,991
1346						LEVITON PROVOLO Test answered count.	4	0%	4	EA	\$	7.00	\$	42.00	\$	28	168
1347						Single Pole Downer Switch	22	0%	22	EA	\$	7.00	\$	42.00	\$	154	972
1348						Single Pole Downer Switch	2	0%	2	EA	\$	7.00	\$	42.00	\$	126	147
1349						Single Pole Toggle Switch	455	0%	455	EA	\$	7.00	\$	42.00	\$	3,185	15,110
1350						Single Pole Toggle Switch (Coordinate type, quantity and location of elevator pit lighting switches with location of elevator pit access ladder and architect.)	2	0%	2	EA	\$	7.00	\$	42.00	\$	14	84
1351						Three Pole Downer Switch	25	0%	25	EA	\$	14.00	\$	60.00	\$	350	1,850
1352						Three Pole Downer Switch	8	0%	8	EA	\$	14.00	\$	60.00	\$	112	580
1353						Three Pole Toggle Switch	89	0%	89	EA	\$	60.00	\$	5,400	\$	1,246	5,400
1354						Two Pole Toggle Switch	14	0%	14	EA	\$	11.00	\$	54.00	\$	154	756
1355						Vacuumy Sensor	52	0%	52	EA	\$	114.00	\$	85.00	\$	5,928	4,420
1356						Vision Indicator Decibel System (for AV/UEAS armaments)	28	0%	28	EA	\$	78.00	\$	2,184	\$	1,966	1,810
1357						Weatherproof Exterior Mounted Photocell	3	0%	3	EA	\$	140.00	\$	78.00	\$	420	234
1358						Weatherproof Keey Operated Single Pole Toggle Switch	1	0%	1	EA	\$	7.00	\$	42.00	\$	7	69
1359						TELECOM											
1360						CONDUIT											
1361						4-1/2" Conduit	430	10%	528	FT	\$	13.04	\$	23.36	\$	6,885	12,334
1362						DRYCK											
1363						3/4" Thick X 1 1/4" X 5/8" Plywood Backboard (Ratings Assumed, Please confirm.)	3	0%	3	EA	\$	284.00	\$	70.00	\$	852	210
1364						3/4" Thick X 1 1/4" X 5/8" Plywood Backboard (Ratings Assumed, Please confirm.)	3	0%	3	EA	\$	252.00	\$	76.00	\$	756	228
1365						3/4" Thick X 3/4" X 1 1/4" Plywood Backboard (Ratings Assumed, Please confirm.)	4	0%	4	EA	\$	144.00	\$	45.00	\$	576	180
1366						3/4" Thick X 3/4" X 1 1/4" Plywood Backboard (Ratings Assumed, Please confirm.)	2	0%	2	EA	\$	160.00	\$	52.00	\$	320	104
1367						3/4" Thick X 1 1/4" X 5/8" Plywood Backboard (Ratings Assumed, Please confirm.)	1	0%	1	EA	\$	294.00	\$	64.00	\$	204	64
1368						3/4" Thick X 4/4" X 5/8" Plywood Backboard (Ratings Assumed, Please confirm.)	2	0%	2	EA	\$	180.00	\$	56.00	\$	380	112
1369						3/4" Thick X 61/4" X 5/8" Plywood Backboard (Ratings Assumed, Please confirm.)	2	0%	2	EA	\$	208.00	\$	60.00	\$	416	126
1370						3/4" Thick X 9/4" X 5/8" Plywood Backboard (Ratings Assumed, Please confirm.)	1	0%	1	EA	\$	230.00	\$	68.00	\$	230	68
1371						MISCELLANEOUS											
1372						32"W x 32"H x 8"H Pullbox with Access Doors Below	1	0%	1	EA	\$	112.00	\$	80.00	\$	112	80
1373						64"W x 64"H x 16"H Transition Pullbox	1	0%	1	EA	\$	40.00	\$	108.00	\$	40	108
1374						Cable Support Box	3	0%	3	EA	\$	38.00	\$	120.00	\$	114	380
1375						Junction Box	35	0%	35	EA	\$	35.00	\$	96.00	\$	1,225	3,360
1376						Junction Box Weatherproof	3	0%	3	EA	\$	54.00	\$	120.00	\$	162	360
1377						Junction Box with/for (Please confirm/verify) Fire Smoke Detector with Relay Control	48	0%	48	EA	\$	114.00	\$	140.00	\$	5,472	6,720
1378						Junction Box with/for (Please confirm/verify) Gas Sensitive Valve	1	0%	1	EA	\$	96.00	\$	110.00	\$	96	110
1379						Junction Box with/for (Please confirm/verify) Motorized Valve	17	0%	17	EA	\$	100.00	\$	96.00	\$	1,636	3,648
1380						EXCAVATION											
1381						Cut	10575	10%	11633	CY	\$	-	\$	18,111	\$	-	210,665
1382						Backfill Flow Fill	4125	10%	4,538	CY	\$	-	\$	29,999	\$	-	136,000
1383						SEIT WORKS											
1384						Type I Sidewalk, 4" Class B32-Type IA Concrete Sidewalk over 6" Gravel	1,648	10%	1,752	SF	\$	2.62	\$	3.81	\$	3,021	4,393
1385						Type II Sidewalk, 7" Class B02-Type IIA Concrete Sidewalk over 6" Gravel	2,474	10%	2,723	SF	\$	4.44	\$	4.68	\$	12,085	12,739
1386						Reconciling Ramp to be Reconstructed	18	10%	20	SF	\$	8.40	\$	6.60	\$	165	130
1387						Curb	21	0%	21	LF	\$	14.28	\$	33.60	\$	323	765
1388						New Curb Cut	28	0%	28	LF	\$	9.50	\$	22.60	\$	265	630
1389						8"W x 1-1/4" Concrete Curb Rein w/ 484 Bars	25	10%	28	LF	\$	5.00	\$	14.00	\$	368	895
1390						8"W x 1-1/4" Steel Faced Curb Rein Frontage	2	0%	2	EA	\$	184.00	\$	150.00	\$	368	300
1391						Ballast Pad	3	0%	3	EA	\$	907.00	\$	221.00	\$	2,421	663
1392						6" Dia X 8" H Fence Post	2	0%	2	EA	\$	98.00	\$	252.00	\$	1,936	504
1393						Pad	8	0%	8	SF	\$	5.46	\$	5.15	\$	768	725
1394						8" Thk. Druggable Pad Rein w/ #406/C-02 Both Ways	128	10%	141	SF	\$	5.46	\$	5.15	\$	768	725
1395						Gate	1	0%	1	EA	\$	1,240.00	\$	812.00	\$	1,240	812
1396						12'0" W X 9'8" H Double Panel Solid Gate	1	0%	1	EA	\$	146.00	\$	113.			