

## Estimate of Materials and Cost of Construction



**Summary      Amount**  
Subtotal \$ 50,722,496

Profit/Overhead \$ 12,680,624  
Total \$ 63,403,120

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
<b>GENERAL</b>												<b>\$ 611,891</b>
1		Permit	1	0%	1	ls	\$ 26,000.0				\$ 26,000	
2		Supervision	1	0%	1	ls	\$ 458,990.0				\$ 458,990	
3		Final cleanup	1	0%	1	ls	\$ 126,901.0				\$ 126,901	
<b>SITWORK</b>												<b>\$ 898,651</b>
4	SP2	1'-0" Wide concrete band	33	5%	35	lf	\$ 22.0	\$ 266.8	\$ 381.2	\$ 114.3	\$ 762	
5	SP2	6" Concrete curb	13	5%	14	lf	\$ 18.0	\$ 86.0	\$ 122.9	\$ 36.9	\$ 246	
6	SP2	Black aluminum estate fence	358	5%	376	lf	\$ 35.0	\$ 4,604.8	\$ 6,578.3	\$ 1,973.5	\$ 13,157	
7	SP2	Brick paver mow strip	2,429	5%	2,550	sf	\$ 6.0	\$ 5,355.9	\$ 7,651.4	\$ 2,295.4	\$ 15,303	
8	SP2	Chain link fence	118	5%	124	lf	\$ 32.0	\$ 1,387.7	\$ 1,982.4	\$ 594.7	\$ 3,965	
9	SP2	Concrete curb	4,537	5%	4,764	lf	\$ 18.0	\$ 30,012.3	\$ 42,874.7	\$ 12,862.4	\$ 85,749	
10	SP2	Concrete pad	487	5%	511	sf	\$ 12.0	\$ 2,147.7	\$ 3,068.1	\$ 920.4	\$ 6,136	

11	SP2	Concrete pavement	455	5%	478	sf	\$ 10.0	\$ 1,672.1	\$ 2,388.8	\$ 716.6	\$ 4,778	
12	SP2	Concrete sidewalk	9,852	5%	10,345	sf	\$ 8.0	\$ 28,964.9	\$ 41,378.4	\$ 12,413.5	\$ 82,757	
13	SP2	Glen cove asphalt pavement	3,965	5%	4,163	sf	\$ 6.0	\$ 8,742.8	\$ 12,489.8	\$ 3,746.9	\$ 24,980	
14	SP2	Grass paver	5,569	5%	5,847	sf	\$ 8.0	\$ 16,372.9	\$ 23,389.8	\$ 7,016.9	\$ 46,780	
15	SP2	OffSite Nassau county asphalt pavement	2,057	5%	2,160	sf	\$ 7.0	\$ 5,291.6	\$ 7,559.5	\$ 2,267.8	\$ 15,119	
16	SP2	Overhead wire	144	5%	151	lf	\$ 15.0	\$ 793.8	\$ 1,134.0	\$ 340.2	\$ 2,268	
17	SP2	Stamped concrete	27,406	5%	28,776	sf	\$ 7.0	\$ 70,501.9	\$ 100,717.1	\$ 30,215.1	\$ 201,434	
18	SP2	Strom draining pipe	38	5%	40	lf	\$ 22.0	\$ 307.2	\$ 438.9	\$ 131.7	\$ 878	
19	SP2	Transformer	1	0%	1	ea	\$ 12,500.0	\$ 4,375.0	\$ 6,250.0	\$ 1,875.0	\$ 12,500	
20	SP2	Vinyl coated chain fence	586	5%	615	lf	\$ 35.0	\$ 7,537.4	\$ 10,767.8	\$ 3,230.3	\$ 21,536	
21	SP2	Wood curb	194	5%	204	lf	\$ 22.0	\$ 1,568.5	\$ 2,240.7	\$ 672.2	\$ 4,481	
22	SP2	Wood fence	597	5%	627	lf	\$ 45.0	\$ 9,872.9	\$ 14,104.1	\$ 4,231.2	\$ 28,208	
23		Pool	1	0%	1	ls	\$ 265,000.0	\$ 92,750.0	\$ 132,500.0	\$ 39,750.0	\$ 265,000	
24	SP2	Concrete retaining wall	3,313	5%	3,479	sf	\$ 18.0	\$ 21,915.5	\$ 31,307.9	\$ 9,392.4	\$ 62,616	
<b>CONCRETE</b>											<b>\$ 4,131,973</b>	
		<b>Walls</b>										
25	SOE-100	4'-2" wide x 4'-5" length x 2'-0" deep shoring x footing	6,753	5%	7,091	cf	\$ 75.0	\$ 186,138.8	\$ 265,912.5	\$ 79,773.8	\$ 531,825	
		<b>Column</b>										
26	A-701,A-702A	36" wide x 36" length x 18" deep concrete column footing A	54	5%	57	cf	\$ 75.0	\$ 1,496.3	\$ 2,137.5	\$ 641.3	\$ 4,275	
27	A-701,A-702A	36" wide x 36" length x 24" deep concrete column footing A	18	5%	19	cf	\$ 75.0	\$ 498.8	\$ 712.5	\$ 213.8	\$ 1,425	

<b>Walls</b>												
<b>BUILDING A</b>												
28	S-100A	1'-0" concrete wall	12,779	5%	13,418	sf	\$ 22.0	\$ 103,318.6	\$ 147,598.0	\$ 44,279.4	\$ 295,196	
29	S-100A	2'-0" wide 6" deep concrete footing	922	5%	969	cf	\$ 75.0	\$ 25,436.3	\$ 36,337.5	\$ 10,901.3	\$ 72,675	
30	S-100A	3'-0" wide 6" deep concrete footing	87	5%	92	cf	\$ 75.0	\$ 2,415.0	\$ 3,450.0	\$ 1,035.0	\$ 6,900	
31	S-100A	3'-6" wide 6" deep concrete wall footing	183	5%	193	cf	\$ 75.0	\$ 5,066.3	\$ 7,237.5	\$ 2,171.3	\$ 14,475	
32	S-100A	24" reinforced concrete retaining wall	4,768	5%	5,007	sf	\$ 45.0	\$ 78,860.3	\$ 112,657.5	\$ 33,797.3	\$ 225,315	
<b>BUILDING B</b>												
33	S-100B	0'-10" wide 6" deep concrete wall footing	52	5%	55	cf	\$ 75.0	\$ 1,443.8	\$ 2,062.5	\$ 618.8	\$ 4,125	
34	S-100B	1'-0" wide 6" deep concrete wall footing	152	5%	160	cf	\$ 75.0	\$ 4,200.0	\$ 6,000.0	\$ 1,800.0	\$ 12,000	

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35	S-100B	1'-3" wide 6" deep concrete wall footing	74	5%	78	cf	\$ 75.0	\$ 2,047.5	\$ 2,925.0	\$ 877.5	\$ 5,850	
36	S-100B	2'-0" wide 1'-0" length concrete retaining wall footing	160	5%	168	cf	\$ 75.0	\$ 4,410.0	\$ 6,300.0	\$ 1,890.0	\$ 12,600	
37	S-100B	2'-3" wide 6" deep concrete wall footing	107	5%	113	cf	\$ 75.0	\$ 2,966.3	\$ 4,237.5	\$ 1,271.3	\$ 8,475	
38	S-100B	4" concrete wall	1,267	5%	1,331	sf	\$ 8.0	\$ 3,726.8	\$ 5,324.0	\$ 1,597.2	\$ 10,648	
39	S-100B	6" Concrete wall	4,478	5%	4,702	sf	\$ 12.0	\$ 19,748.4	\$ 28,212.0	\$ 8,463.6	\$ 56,424	
40	S-100B	9" concrete wall	894	5%	939	sf	\$ 18.0	\$ 5,915.7	\$ 8,451.0	\$ 2,535.3	\$ 16,902	
41	S-100B	24" reinforced concrete retaining wall	1,074	5%	1,128	sf	\$ 45.0	\$ 17,766.0	\$ 25,380.0	\$ 7,614.0	\$ 50,760	
<b>Column</b>												
<b>BUILDING A</b>												

42	S-100A	7'-0" wide 7'-0" length 2'-0" deep footing pad	9,408	5%	9,879	cf	\$	75.0	\$	259,323.8	\$	370,462.5	\$	111,138.8	\$	740,925
43	S-101A S-102 A	Column	3,070	5%	3,224	cf	\$	85.0	\$	95,914.0	\$	137,020.0	\$	41,106.0	\$	274,040
		<b>BUILDING B</b>														
44	S-100B	7'-0" wide 7'-0" length 2'-0" deep footing pad	5,390	5%	5,660	cf	\$	75.0	\$	148,575.0	\$	212,250.0	\$	63,675.0	\$	424,500
45	S-101B	Column	550	5%	578	cf	\$	85.0	\$	17,195.5	\$	24,565.0	\$	7,369.5	\$	49,130
		<b>Slab</b>														
46		Garage slab	124,352	0%	124,352	sf	\$	6.0	\$	261,139.2	\$	373,056.0	\$	111,916.8	\$	746,112
		<b>BUILDING A</b>														
47	S-100A	4" reinforced poured concrete floor slab	5,329	5%	5,596	sf	\$	8.0	\$	15,668.8	\$	22,384.0	\$	6,715.2	\$	44,768
48	S-100A	6" reinforced poured concrete floor slab	34,919	5%	36,665	sf	\$	12.0	\$	153,993.0	\$	219,990.0	\$	65,997.0	\$	439,980
49	S-100A	8" reinforced poured concrete slab	718	5%	754	sf	\$	16.0	\$	4,222.4	\$	6,032.0	\$	1,809.6	\$	12,064
		<b>BUILDING B</b>														
50	S-100B	6" reinforced poured concrete floor slab	5,057	5%	5,310	sf	\$	12.0	\$	22,302.0	\$	31,860.0	\$	9,558.0	\$	63,720
51	S-100B	8" reinforced poured concrete slab	408	5%	429	sf	\$	16.0	\$	2,402.4	\$	3,432.0	\$	1,029.6	\$	6,864
		<b>METAL</b>														\$ 561,067
		<b>Building (A)</b>														
52	A-701,A-702A	(3) 12Ga 6" box column	3	0%	3	ea	\$	850.0	\$	892.5	\$	1,275.0	\$	382.5	\$	2,550
53	A-701,A-702A	4"X4"X3/8" Steel column	2	0%	2	ea	\$	1,200.0	\$	840.0	\$	1,200.0	\$	360.0	\$	2,400
54	A-701,A-702A	5"x5"x3/8" steel column w/8"x" base plate	5	0%	5	ea	\$	1,600.0	\$	2,800.0	\$	4,000.0	\$	1,200.0	\$	8,000
55	A-701,A-702A	12 Ga 6" box column	9	0%	9	ea	\$	1,200.0	\$	3,780.0	\$	5,400.0	\$	1,620.0	\$	10,800

56	A-701,A-702A	W8x40 steel column	4	0%	4	ea	\$ 2,450.0	\$ 3,430.0	\$ 4,900.0	\$ 1,470.0	\$ 9,800
57	A-701,A-702A	W14 x 22 beam	3,674	5%	3,858	lbs	\$ 5.0	\$ 6,751.5	\$ 9,645.0	\$ 2,893.5	\$ 19,290
58	A-701,A-702A	W14x30 beam	2,280	5%	2,394	lbs	\$ 5.0	\$ 4,189.5	\$ 5,985.0	\$ 1,795.5	\$ 11,970
59	A-701,A-702A	Custom curved steel beam 1"x12" thick web w/6"x3/4"	46	5%	49	lf	\$ 45.0	\$ 771.8	\$ 1,102.5	\$ 330.8	\$ 2,205
		<b>Shoring</b>									
60	SOE-100	W12x79 ranker	117631	5%	123,513	lbs	\$ 4.0	\$ 172,918.2	\$ 247,026.0	\$ 74,107.8	\$ 494,052
<b>WOOD, PLASTICS &amp; COMPOSITES</b>											<b>\$ 6,640,022</b>
		<b>Building A</b>									
61	A-701,A-702A	(2) 2"x12" Treated floor joist	2,415	5%	2,536	sf	\$ 24.0	\$ 21,302.4	\$ 30,432.0	\$ 9,129.6	\$ 60,864
62	A-701,A-702A	(2) 2"x12" Treated girder	2,193	5%	2,303	lf	\$ 24.0	\$ 19,345.2	\$ 27,636.0	\$ 8,290.8	\$ 55,272
63	A-701,A-702A	(2) 2x6 post	8	0%	8	ea	\$ 450.0	\$ 1,260.0	\$ 1,800.0	\$ 540.0	\$ 3,600
64	A-701,A-702A	(2) 8" 14Ga c joist @ 16" o.c	672	5%	706	sf	\$ 16.0	\$ 3,953.6	\$ 5,648.0	\$ 1,694.4	\$ 11,296
65	A-701,A-702A	(2) 14Jr-300-97	59	5%	62	lf	\$ 12.0	\$ 260.4	\$ 372.0	\$ 111.6	\$ 744
66	A-701,A-702A	(2) 18"x2" micro lam girder	59	5%	62	lf	\$ 36.0	\$ 781.2	\$ 1,116.0	\$ 334.8	\$ 2,232
67	A-701,A-702A	(3) 14 Jr-300-97	463	5%	487	lf	\$ 22.0	\$ 3,749.9	\$ 5,357.0	\$ 1,607.1	\$ 10,714
68	A-701,A-702A	(3) 14Ga 14" box beam	16	5%	17	lf	\$ 28.0	\$ 166.6	\$ 238.0	\$ 71.4	\$ 476
69	A-701,A-702A	(3) 18"x2" micro lam girder w/(2) 3/4"x18" flitch plate	30	5%	32	lf	\$ 36.0	\$ 403.2	\$ 576.0	\$ 172.8	\$ 1,152
70	A-701,A-702A	2x6 floor joist @ 16" o.c	8886	5%	9,331	sf	\$ 12.0	\$ 39,190.2	\$ 55,986.0	\$ 16,795.8	\$ 111,972
71	A-701,A-702A	2x8" 14Ga c-joist @ 16" o.c	1635	5%	1,717	sf	\$ 16.0	\$ 9,615.2	\$ 13,736.0	\$ 4,120.8	\$ 27,472
72	A-701,A-702A	8" 14 Ga c joist @ 16" o.c	1251	5%	1,314	sf	\$ 16.0	\$ 7,358.4	\$ 10,512.0	\$ 3,153.6	\$ 21,024





102	A700E,A701E	(2) 2"x12" Treated floor joist	1434	5%	1,506	lf	\$ 24.0	\$ 12,650.4	\$ 18,072.0	\$ 5,421.6	\$ 36,144
103	A700E,A701E	(2) 2"x12" Treated floor joist	479	5%	503	lf	\$ 24.0	\$ 4,225.2	\$ 6,036.0	\$ 1,810.8	\$ 12,072
104	A700E,A701E	(2) 2"x12" Treated girder	1727	5%	1,814	lf	\$ 24.0	\$ 15,237.6	\$ 21,768.0	\$ 6,530.4	\$ 43,536
105	A700E,A701E	2x6 floor joist @ 16" o.c	3315	5%	3,481	sf	\$ 12.0	\$ 14,620.2	\$ 20,886.0	\$ 6,265.8	\$ 41,772
106	A700E,A701E	2x8 floor joist @ 16" o.c	418	5%	439	sf	\$ 16.0	\$ 2,458.4	\$ 3,512.0	\$ 1,053.6	\$ 7,024
107	A700E,A701E	18" Open web wood truss @ 16" o.c	23231	5%	24,393	sf	\$ 15.0	\$ 128,063.3	\$ 182,947.5	\$ 54,884.3	\$ 365,895
		<b>Millwork</b>									
108	A-100E,101E,102E,103E	Base cabinet	360	5%	378	lf	\$ 300.0	\$ 39,690.0	\$ 56,700.0	\$ 17,010.0	\$ 113,400
109	A-100E,101E,102E,103E	Upper cabinet	360	5%	378	lf	\$ 300.0	\$ 39,690.0	\$ 56,700.0	\$ 17,010.0	\$ 113,400
		<b>Building F</b>									
110	A700F,A701F	(2) 2"x12" Treated floor joist	891	5%	936	sf	\$ 24.0	\$ 7,862.4	\$ 11,232.0	\$ 3,369.6	\$ 22,464

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111	A700F,A701F	(2) 2"x12" Treated floor joist	232	5%	244	lf	\$ 24.0	\$ 2,049.6	\$ 2,928.0	\$ 878.4	\$ 5,856	
112	A700F,A701F	2x6 floor joist @ 16" o.c	2754	5%	2,892	sf	\$ 12.0	\$ 12,146.4	\$ 17,352.0	\$ 5,205.6	\$ 34,704	
113	A700F,A701F	18" Open web truss @ 16" o.c	14490	5%	15,215	sf	\$ 15.0	\$ 79,878.8	\$ 114,112.5	\$ 34,233.8	\$ 228,225	
114	A700F,A701F	18" Open web wood roof truss @ 24" o.c	3801	5%	3,992	sf	\$ 14.0	\$ 19,560.8	\$ 27,944.0	\$ 8,383.2	\$ 55,888	
		<b>Millwork</b>										
115	A-100F,101F,102F,103F	Base cabinet	315	5%	331	lf	\$ 300.0	\$ 34,755.0	\$ 49,650.0	\$ 14,895.0	\$ 99,300	
116	A-100F,101F,102F,103F	Upper cabinet	315	5%	331	lf	\$ 300.0	\$ 34,755.0	\$ 49,650.0	\$ 14,895.0	\$ 99,300	







136	A-100A,101A,102A,103A	3'-0"x6'-8" hollow metal door	112	0%	112	ea	\$ 900.0	\$ 35,280.0	\$ 50,400.0	\$ 15,120.0	\$ 100,800
137	A-100A,101A,102A,103A	3'-0"x6'-8" aluminium door	2	0%	2	ea	\$ 1,500.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000
138	A-100A,101A,102A,103A	2'-6"x6'-8" wood door	244	0%	244	ea	\$ 850.0	\$ 72,590.0	\$ 103,700.0	\$ 31,110.0	\$ 207,400
139	A-100A,101A,102A,103A	2'-0"x6'-8" wood door	73	0%	73	ea	\$ 800.0	\$ 20,440.0	\$ 29,200.0	\$ 8,760.0	\$ 58,400

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
		<b>Windows</b>										
140	A-100A,101A,102A,103A	3'-4"x4'-6" double hung window	73	0%	73	ea	\$ 950.0	\$ 24,272.5	\$ 34,675.0	\$ 10,402.5	\$ 69,350	
141	A-100A,101A,102A,103A	2'-9"x6'-8" swing window	73	0%	73	ea	\$ 880.0	\$ 22,484.0	\$ 32,120.0	\$ 9,636.0	\$ 64,240	
142	A-100A,101A,102A,103A	6'-0"x6'-8" slider window	73	0%	73	ea	\$ 1,600.0	\$ 40,880.0	\$ 58,400.0	\$ 17,520.0	\$ 116,800	
		<b>Building B</b>										
		<b>Doors</b>										
143	A-100B,101B,102B,103B	3'-0"x6'-8" hollow metal door	67	0%	67	ea	\$ 900.0	\$ 21,105.0	\$ 30,150.0	\$ 9,045.0	\$ 60,300	
144	A-100B,101B,102B,103B	3'-0"x6'-8" aluminium door	2	0%	2	ea	\$ 1,500.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000	
145	A-100B,101B,102B,103B	2'-6"x6'-8" wood door	108	0%	108	ea	\$ 850.0	\$ 32,130.0	\$ 45,900.0	\$ 13,770.0	\$ 91,800	
146	A-100B,101B,102B,103B	2'-0"x6'-8" wood door	54	0%	54	ea	\$ 800.0	\$ 15,120.0	\$ 21,600.0	\$ 6,480.0	\$ 43,200	
		<b>Windows</b>										
147	A-100B,101B,102B,103B	3'-4"x4'-6" double hung window	196	0%	196	ea	\$ 950.0	\$ 65,170.0	\$ 93,100.0	\$ 27,930.0	\$ 186,200	
148	A-100B,101B,102B,103B	2'-9"x6'-8" swing window	18	0%	18	ea	\$ 880.0	\$ 5,544.0	\$ 7,920.0	\$ 2,376.0	\$ 15,840	
149	A-100B,101B,102B,103B	6'-0"x6'-8" slider window	23	0%	23	ea	\$ 1,600.0	\$ 12,880.0	\$ 18,400.0	\$ 5,520.0	\$ 36,800	

		<b>Building C</b>											
		<b>Doors</b>											
150	A-100C,101C,102C,103C	3'-0"x6'-8" hollow metal door	95	0%	95	ea	\$ 900.0	\$ 29,925.0	\$ 42,750.0	\$ 12,825.0	\$ 85,500		
151	A-100C,101C,102C,103C	3'-0"x6'-8" aluminium door	2	0%	2	ea	\$ 1,500.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000		
152	A-100C,101C,102C,103C	2'-6"x6'-8" wood door	164	0%	164	ea	\$ 850.0	\$ 48,790.0	\$ 69,700.0	\$ 20,910.0	\$ 139,400		
153	A-100C,101C,102C,103C	2'-0"x6'-8" wood door	82	0%	82	ea	\$ 800.0	\$ 22,960.0	\$ 32,800.0	\$ 9,840.0	\$ 65,600		
		<b>Windows</b>											
154	A-100C,101C,102C,103C	3'-4"x4'-6" double hung window	172	0%	172	ea	\$ 950.0	\$ 57,190.0	\$ 81,700.0	\$ 24,510.0	\$ 163,400		
155	A-100C,101C,102C,103C	2'-9"x6'-8" swing window	5	0%	5	ea	\$ 880.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400		
156	A-100C,101C,102C,103C	6'-0"x6'-8" slider window	28	0%	28	ea	\$ 1,600.0	\$ 15,680.0	\$ 22,400.0	\$ 6,720.0	\$ 44,800		
		<b>Building D</b>											
		<b>Doors</b>											
157	A-100D,101D,102D,103D	3'-0"x6'-8" hollow metal door	49	0%	49	ea	\$ 900.0	\$ 15,435.0	\$ 22,050.0	\$ 6,615.0	\$ 44,100		
158	A-100D,101D,102D,103D	3'-0"x6'-8" aluminium door	2	0%	2	ea	\$ 1,500.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000		
159	A-100D,101D,102D,103D	2'-6"x6'-8" wood door	72	0%	72	ea	\$ 850.0	\$ 21,420.0	\$ 30,600.0	\$ 9,180.0	\$ 61,200		
160	A-100D,101D,102D,103D	2'-0"x6'-8" wood door	36	0%	36	ea	\$ 800.0	\$ 10,080.0	\$ 14,400.0	\$ 4,320.0	\$ 28,800		
		<b>Windows</b>											
161	A-100D,101D,102D,103D	3'-4"x4'-6" double hung window	120	0%	120	ea	\$ 950.0	\$ 39,900.0	\$ 57,000.0	\$ 17,100.0	\$ 114,000		
162	A-100D,101D,102D,103D	2'-9"x6'-8" swing window	2	0%	2	ea	\$ 880.0	\$ 616.0	\$ 880.0	\$ 264.0	\$ 1,760		

163	A-100D,101D,102D,103D	6'-0"x6'-8" slider window	18	0%	18	ea	\$ 1,600.0	\$ 10,080.0	\$ 14,400.0	\$ 4,320.0	\$ 28,800
		<b>Building E</b>									
		<b>Doors</b>									
164	A-100E,101E,102E,103E	3'-0"x6'-8" hollow metal door	56	0%	56	ea	\$ 900.0	\$ 17,640.0	\$ 25,200.0	\$ 7,560.0	\$ 50,400
165	A-100E,101E,102E,103E	3'-0"x6'-8" aluminium door	2	0%	2	ea	\$ 1,500.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000
166	A-100E,101E,102E,103E	2'-6"x6'-8" wood door	86	0%	86	ea	\$ 850.0	\$ 25,585.0	\$ 36,550.0	\$ 10,965.0	\$ 73,100
167	A-100E,101E,102E,103E	2'-0"x6'-8" wood door	43	0%	43	ea	\$ 800.0	\$ 12,040.0	\$ 17,200.0	\$ 5,160.0	\$ 34,400
		<b>Windows</b>									
168	A-100E,101E,102E,103E	3'-4"x4'-6" double hung window	124	0%	124	ea	\$ 950.0	\$ 41,230.0	\$ 58,900.0	\$ 17,670.0	\$ 117,800
169	A-100E,101E,102E,103E	2'-9"x6'-8" swing window	4	0%	4	ea	\$ 880.0	\$ 1,232.0	\$ 1,760.0	\$ 528.0	\$ 3,520
170	A-100E,101E,102E,103E	6'-0"x6'-8" slider window	18	0%	18	ea	\$ 1,600.0	\$ 10,080.0	\$ 14,400.0	\$ 4,320.0	\$ 28,800
		<b>Building F</b>									
		<b>Doors</b>									
171	A-100F,101F,102F,103F	3'-0"x6'-8" hollow metal door	43	0%	43	ea	\$ 900.0	\$ 13,545.0	\$ 19,350.0	\$ 5,805.0	\$ 38,700
172	A-100F,101F,102F,103F	3'-0"x6'-8" aluminium door	2	0%	2	ea	\$ 1,500.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000
173	A-100F,101F,102F,103F	2'-6"x6'-8" wood door	60	0%	60	ea	\$ 850.0	\$ 17,850.0	\$ 25,500.0	\$ 7,650.0	\$ 51,000
174	A-100F,101F,102F,103F	2'-0"x6'-8" wood door	30	0%	30	ea	\$ 800.0	\$ 8,400.0	\$ 12,000.0	\$ 3,600.0	\$ 24,000
		<b>Windows</b>									
175	A-100F,101F,102F,103F	3'-4"x4'-6" double hung window	94	0%	94	ea	\$ 950.0	\$ 31,255.0	\$ 44,650.0	\$ 13,395.0	\$ 89,300

176	A-100F,101F,102F,103F	2'-9"x6'-8" swing window	6	0%	6	ea	\$ 880.0	\$ 1,848.0	\$ 2,640.0	\$ 792.0	\$ 5,280	
177	A-100F,101F,102F,103F	6'-0"x6'-8" slider window	14	0%	14	ea	\$ 1,600.0	\$ 7,840.0	\$ 11,200.0	\$ 3,360.0	\$ 22,400	
<b>FINISHES</b>											<b>\$ 21,261,584</b>	

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
		<b>Walls</b>										
		<b>Building A</b>										
		<b>Wall type 1</b>										
178	A-100A,101A,102A,103A	4" wood studs @ 16" O.C	1,420	5%	1,491	sf	\$ 3.0	\$ 1,565.6	\$ 2,236.5	\$ 671.0	\$ 4,473	
179	A-100A,101A,102A,103A	5/8" gypsum board on both sides	2,840	5%	2,982	sf	\$ 3.0	\$ 3,131.1	\$ 4,473.0	\$ 1,341.9	\$ 8,946	
180	A-100A,101A,102A,103A	4" fiberglass insulation	1,420	5%	1,491	sf	\$ 2.0	\$ 1,043.7	\$ 1,491.0	\$ 447.3	\$ 2,982	
181	A-100A,101A,102A,103A	Sealant	6,424	5%	6,746	lf	\$ 1.0	\$ 2,361.1	\$ 3,373.0	\$ 1,011.9	\$ 6,746	
		<b>Wall 2C</b>										
182	A-100A,101A,102A,103A	4" wood studs @ 16" O.C	225	5%	237	sf	\$ 3.0	\$ 248.9	\$ 355.5	\$ 106.7	\$ 711	
183	A-100A,101A,102A,103A	(2) layer 5/8" gypsum borad on both side	450	5%	473	sf	\$ 3.0	\$ 496.7	\$ 709.5	\$ 212.9	\$ 1,419	
184	A-100A,101A,102A,103A	4" fiberglass insulation	225	5%	237	sf	\$ 2.0	\$ 165.9	\$ 237.0	\$ 71.1	\$ 474	
185	A-100A,101A,102A,103A	Sealant	6,716	5%	7,052	lf	\$ 1.0	\$ 2,468.2	\$ 3,526.0	\$ 1,057.8	\$ 7,052	
186	A-100A,101A,102A,103A	<b>8" cmu wall</b>	4,290	5%	4,505	sf	\$ 16.0	\$ 25,228.0	\$ 36,040.0	\$ 10,812.0	\$ 72,080	
		<b>Wall type 7</b>						\$ -	\$ -	\$ -		
187	A-100A,101A,102A,103A	6" wood studs @ 16" O.C	3,979	5%	4,178	sf	\$ 4.0	\$ 5,849.2	\$ 8,356.0	\$ 2,506.8	\$ 16,712	

188	A-100A,101A,102A,103A	1/2" gypsum board on both side	7,958	5%	8,356	sf	\$	3.0	\$	8,773.8	\$	12,534.0	\$	3,760.2	\$	25,068
189	A-100A,101A,102A,103A	4" fiberglass insulation	3,979	5%	4,178	sf	\$	2.0	\$	2,924.6	\$	4,178.0	\$	1,253.4	\$	8,356
190	A-100A,101A,102A,103A	Sealant	3,212	5%	3,373	lf	\$	1.0	\$	1,180.6	\$	1,686.5	\$	506.0	\$	3,373
		<b>Flooring</b>							\$	-	\$	-	\$	-		
191	A-100A,101A,102A,103A	Ceramic tile flooring	26,740	5%	28,077	sf	\$	10.0	\$	98,269.5	\$	140,385.0	\$	42,115.5	\$	280,770
192	A-100A,101A,102A,103A	Sealed concrete	2,117	5%	2,223	sf	\$	3.0	\$	2,334.2	\$	3,334.5	\$	1,000.4	\$	6,669
193	A-100A,101A,102A,103A	LVT floor	175,725	5%	184,512	sf	\$	6.0	\$	387,475.2	\$	553,536.0	\$	166,060.8	\$	1,107,072
194	A-100A,101A,102A,103A	Vp1	55,638	5%	58,420	sf	\$	5.0	\$	102,235.0	\$	146,050.0	\$	43,815.0	\$	292,100
		<b>Base</b>							\$	-	\$	-	\$	-		
195	A-100A,101A,102A,103A	Wood base	56,791	5%	59,631	lf	\$	6.0	\$	125,225.1	\$	178,893.0	\$	53,667.9	\$	357,786
196	A-100A,101A,102A,103A	Tiles on wall	38,909	5%	40,855	sf	\$	12.0	\$	171,591.0	\$	245,130.0	\$	73,539.0	\$	490,260
		<b>Ceiling</b>							\$	-	\$	-	\$	-		
197	A-100A,101A,102A,103A	Gypsum board ceiling	260,220	5%	273,231	sf	\$	7.0	\$	669,416.0	\$	956,308.5	\$	286,892.6	\$	1,912,617
		<b>Paint</b>							\$	-	\$	-	\$	-		
198	A-100A,101A,102A,103A	Paint on walls	567,794	5%	596,184	sf	\$	2.0	\$	417,328.8	\$	596,184.0	\$	178,855.2	\$	1,192,368
199	A-100A,101A,102A,103A	Paint on ceiling	260,220	5%	273,231	sf	\$	2.2	\$	210,387.9	\$	300,554.1	\$	90,166.2	\$	601,108
		<b>Building B</b>														
		<b>Wall type 1</b>														
200	A-100B,101B,102B,103B	4" wood studs @ 16" O.C	11,610	5%	12,191	sf	\$	3.0	\$	12,800.6	\$	18,286.5	\$	5,486.0	\$	36,573

201	A-100B,101B,102B,103B	5/8" gypsum board on both sides	22,320	5%	23,436	sf	\$ 3.0	\$ 24,607.8	\$ 35,154.0	\$ 10,546.2	\$ 70,308
202	A-100B,101B,102B,103B	4" fiberglass insulation	11,160	5%	11,718	sf	\$ 2.0	\$ 8,202.6	\$ 11,718.0	\$ 3,515.4	\$ 23,436
203	A-100B,101B,102B,103B	Sealant	3,872	5%	4,066	lf	\$ 1.0	\$ 1,423.1	\$ 2,033.0	\$ 609.9	\$ 4,066
		<b>Wall 2C</b>						\$ -	\$ -	\$ -	
204	A-100B,101B,102B,103B	4" wood studs @ 16" O.C	12,150	5%	12,758	sf	\$ 3.0	\$ 13,395.9	\$ 19,137.0	\$ 5,741.1	\$ 38,274
205	A-100B,101B,102B,103B	(2) layer 5/8" gypsum borad on both side	24,300	5%	25,515	sf	\$ 3.0	\$ 26,790.8	\$ 38,272.5	\$ 11,481.8	\$ 76,545
206	A-100B,101B,102B,103B	4" fiberglass insulation	12,150	5%	12,758	sf	\$ 2.0	\$ 8,930.6	\$ 12,758.0	\$ 3,827.4	\$ 25,516
207	A-100B,101B,102B,103B	Sealant	4,048	5%	4,251	lf	\$ 1.0	\$ 1,487.9	\$ 2,125.5	\$ 637.7	\$ 4,251
		<b>Wall type 7</b>						\$ -	\$ -	\$ -	
208	A-100B,101B,102B,103B	6" wood studs @ 16" O.C	2,106	5%	2,212	sf	\$ 4.0	\$ 3,096.8	\$ 4,424.0	\$ 1,327.2	\$ 8,848
209	A-100B,101B,102B,103B	1/2" gypsum board on both side	4,212	5%	4,423	sf	\$ 3.0	\$ 4,644.2	\$ 6,634.5	\$ 1,990.4	\$ 13,269
210	A-100B,101B,102B,103B	4" fiberglass insulation	2,106	5%	2,212	sf	\$ 2.0	\$ 1,548.4	\$ 2,212.0	\$ 663.6	\$ 4,424
211	A-100B,101B,102B,103B	Sealant	1,936	5%	2,033	lf	\$ 1.0	\$ 711.6	\$ 1,016.5	\$ 305.0	\$ 2,033
		<b>Flooring</b>						\$ -	\$ -	\$ -	
212	A-100B,101B,102B,103B	Ceramic tile flooring	14,440	5%	15,162	sf	\$ 10.0	\$ 53,067.0	\$ 75,810.0	\$ 22,743.0	\$ 151,620

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
213	A-100B,101B,102B,103B	Sealed concrete	29	5%	31	sf	\$ 3.0	\$ 32.6	\$ 46.5	\$ 14.0	\$ 93	
214	A-100B,101B,102B,103B	LVT floor	95,850	5%	100,643	sf	\$ 6.0	\$ 211,350.3	\$ 301,929.0	\$ 90,578.7	\$ 603,858	
215	A-100B,101B,102B,103B	Vp1	30,348	5%	31,866	sf	\$ 5.0	\$ 55,765.5	\$ 79,665.0	\$ 23,899.5	\$ 159,330	



		<b>Base</b>							\$ -	\$ -	\$ -		
216	A-100B,101B,102B,103B	Wood base	34,307	5%	36,023	lf	\$ 6.0	\$ 75,648.3	\$ 108,069.0	\$ 32,420.7	\$ 216,138		
217	A-100B,101B,102B,103B	Tiles on wall	23,452	5%	24,625	sf	\$ 12.0	\$ 103,425.0	\$ 147,750.0	\$ 44,325.0	\$ 295,500		
		<b>Ceiling</b>											
218	A-100B,101B,102B,103B	Gypsum board ceiling	140,667	5%	147,701	sf	\$ 7.0	\$ 361,867.5	\$ 516,953.5	\$ 155,086.1	\$ 1,033,907		
		<b>Paint</b>											
219	A-100B,101B,102B,103B	Paint on walls	342,232	5%	359,344	sf	\$ 2.0	\$ 251,540.8	\$ 359,344.0	\$ 107,803.2	\$ 718,688		
220	A-100B,101B,102B,103B	Paint on ceiling	140,667	5%	147,701	sf	\$ 2.2	\$ 113,729.8	\$ 162,471.1	\$ 48,741.3	\$ 324,942		
		<b>Building C</b>											
		<b>Wall type 1</b>											
221	A-100C,101C,102C,103C	4" wood studs @ 16" O.C	1,420	5%	1,491	sf	\$ 3.0	\$ 1,565.6	\$ 2,236.5	\$ 671.0	\$ 4,473		
222	A-100C,101C,102C,103C	5/8" gypsum board on both sides	2,840	5%	2,982	sf	\$ 3.0	\$ 3,131.1	\$ 4,473.0	\$ 1,341.9	\$ 8,946		
223	A-100C,101C,102C,103C	4" fiberglass insulation	1,420	5%	1,491	sf	\$ 2.0	\$ 1,043.7	\$ 1,491.0	\$ 447.3	\$ 2,982		
224	A-100C,101C,102C,103C	Sealant	6,424	5%	6,746	lf	\$ 1.0	\$ 2,361.1	\$ 3,373.0	\$ 1,011.9	\$ 6,746		
		<b>Wall 2C</b>											
225	A-100C,101C,102C,103C	4" wood studs @ 16" O.C	225	5%	237	sf	\$ 3.0	\$ 248.9	\$ 355.5	\$ 106.7	\$ 711		
226	A-100C,101C,102C,103C	(2) layer 5/8" gypsum borad on both side	450	5%	473	sf	\$ 3.0	\$ 496.7	\$ 709.5	\$ 212.9	\$ 1,419		
227	A-100C,101C,102C,103C	4" fiberglass insulation	225	5%	237	sf	\$ 2.0	\$ 165.9	\$ 237.0	\$ 71.1	\$ 474		
228	A-100C,101C,102C,103C	Sealant	6,716	5%	7,052	lf	\$ 1.0	\$ 2,468.2	\$ 3,526.0	\$ 1,057.8	\$ 7,052		

229	A-100C,101C,102C,103C	8" cmu wall	1,127	5%	1,184	sf	\$	16.0	\$	6,630.4	\$	9,472.0	\$	2,841.6	\$	18,944
		<b>Wall type 7</b>														
230	A-100C,101C,102C,103C	6" wood studs @ 16" O.C	3,979	5%	4,178	sf	\$	4.0	\$	5,849.2	\$	8,356.0	\$	2,506.8	\$	16,712
231	A-100C,101C,102C,103C	1/2" gypsum board on both side	7,958	5%	8,356	sf	\$	3.0	\$	8,773.8	\$	12,534.0	\$	3,760.2	\$	25,068
232	A-100C,101C,102C,103C	4" fiberglass insulation	3,979	5%	4,178	sf	\$	2.0	\$	2,924.6	\$	4,178.0	\$	1,253.4	\$	8,356
233	A-100C,101C,102C,103C	Sealent	3,212	5%	3,373	lf	\$	1.0	\$	1,180.6	\$	1,686.5	\$	506.0	\$	3,373
		<b>Flooring</b>							\$	-	\$	-	\$	-		
234	A-100C,101C,102C,103C	Ceramic tile flooring	15,080	5%	15,834	sf	\$	10.0	\$	55,419.0	\$	79,170.0	\$	23,751.0	\$	158,340
235	A-100C,101C,102C,103C	Sealed concrete	1,682	5%	1,767	sf	\$	3.0	\$	1,855.4	\$	2,650.5	\$	795.2	\$	5,301
236	A-100C,101C,102C,103C	LVT floor	102,950	5%	108,098	sf	\$	6.0	\$	227,005.8	\$	324,294.0	\$	97,288.2	\$	648,588
237	A-100C,101C,102C,103C	Vp1	27,538	5%	28,915	sf	\$	5.0	\$	50,601.3	\$	72,287.5	\$	21,686.3	\$	144,575
		<b>Base</b>							\$	-	\$	-	\$	-		
238	A-100C,101C,102C,103C	Wood base	24,511	5%	25,737	lf	\$	6.0	\$	54,047.7	\$	77,211.0	\$	23,163.3	\$	154,422
239	A-100C,101C,102C,103C	Tiles on wall	17,056	5%	17,909	sf	\$	12.0	\$	75,217.8	\$	107,454.0	\$	32,236.2	\$	214,908
		<b>Ceiling</b>							\$	-	\$	-	\$	-		
240	A-100C,101C,102C,103C	Gypsum board ceiling	147,250	5%	154,613	sf	\$	7.0	\$	378,801.9	\$	541,145.5	\$	162,343.7	\$	1,082,291
		<b>Paint</b>							\$	-	\$	-	\$	-		
241	A-100C,101C,102C,103C	Paint on walls	248,896	5%	261,341	sf	\$	2.0	\$	182,938.7	\$	261,341.0	\$	78,402.3	\$	522,682
242	A-100C,101C,102C,103C	Paint on ceiling	147,250	5%	154,613	sf	\$	2.2	\$	119,052.0	\$	170,074.3	\$	51,022.3	\$	340,149



256	A-100D,101D,102D,103D	6" wood studs @ 16" O.C	3,816	5%	4,007	sf	\$	4.0	\$	5,609.8	\$	8,014.0	\$	2,404.2	\$	16,028
257	A-100D,101D,102D,103D	1/2" gypsum board on both side	7,632	5%	8,014	sf	\$	3.0	\$	8,414.7	\$	12,021.0	\$	3,606.3	\$	24,042
258	A-100D,101D,102D,103D	4" fiberglass insulation	3,816	5%	4,007	sf	\$	2.0	\$	2,804.9	\$	4,007.0	\$	1,202.1	\$	8,014
259	A-100D,101D,102D,103D	Sealant	968	5%	1,017	lf	\$	1.0	\$	356.0	\$	508.5	\$	152.6	\$	1,017
		<b>Flooring</b>														
260	A-100D,101D,102D,103D	Ceramic tile flooring	9,360	5%	9,828	sf	\$	10.0	\$	34,398.0	\$	49,140.0	\$	14,742.0	\$	98,280
261	A-100D,101D,102D,103D	LVT flooring	63,900	5%	67,095	sf	\$	6.0	\$	140,899.5	\$	201,285.0	\$	60,385.5	\$	402,570
262	A-100D,101D,102D,103D	Vp1	20,232	5%	21,244	sf	\$	5.0	\$	37,177.0	\$	53,110.0	\$	15,933.0	\$	106,220
		<b>Base</b>														
263	A-100D,101D,102D,103D	Wood base	17,041	5%	17,894	lf	\$	6.0	\$	37,577.4	\$	53,682.0	\$	16,104.6	\$	107,364
264	A-100D,101D,102D,103D	Tiles on wall	11,726	5%	12,313	sf	\$	12.0	\$	51,714.6	\$	73,878.0	\$	22,163.4	\$	147,756
		<b>Ceiling</b>														
265	A-100D,101D,102D,103D	Gypsum board ceiling	93,521	5%	98,198	sf	\$	7.0	\$	240,585.1	\$	343,693.0	\$	103,107.9	\$	687,386
		<b>Paint</b>														
266	A-100D,101D,102D,103D	Paint on walls	171,116	5%	179,672	sf	\$	2.0	\$	125,770.4	\$	179,672.0	\$	53,901.6	\$	359,344
267	A-100D,101D,102D,103D	Paint on ceiling	93,521	5%	98,198	sf	\$	2.2	\$	75,612.5	\$	108,017.8	\$	32,405.3	\$	216,036
		<b>Building E</b>														
		<b>Wall type 1</b>														
268	A-100E,101E,102E,103E	4" wood studs @ 16" O.C	9,202	5%	9,663	sf	\$	3.0	\$	10,146.2	\$	14,494.5	\$	4,348.4	\$	28,989

269	A-100E,101E,102E,103E	5/8" gypsum board on both sides	18,404	5%	19,325	sf	\$ 3.0	\$ 20,291.3	\$ 28,987.5	\$ 8,696.3	\$ 57,975
270	A-100E,101E,102E,103E	4" fiberglass insulation	9,202	5%	9,663	sf	\$ 2.0	\$ 6,764.1	\$ 9,663.0	\$ 2,898.9	\$ 19,326
271	A-100E,101E,102E,103E	Sealant	2,016	5%	2,117	lf	\$ 1.0	\$ 741.0	\$ 1,058.5	\$ 317.6	\$ 2,117
		<b>Wall 2C</b>									
272	A-100E,101E,102E,103E	4" wood studs @ 16" O.C	9,503	5%	9,979	sf	\$ 3.0	\$ 10,478.0	\$ 14,968.5	\$ 4,490.6	\$ 29,937
273	A-100E,101E,102E,103E	(2) layer 5/8" gypsum borad on both side	19,006	5%	19,957	sf	\$ 3.0	\$ 20,954.9	\$ 29,935.5	\$ 8,980.7	\$ 59,871
274	A-100E,101E,102E,103E	4" fiberglass insulation	9,503	5%	9,979	sf	\$ 2.0	\$ 6,985.3	\$ 9,979.0	\$ 2,993.7	\$ 19,958
275	A-100E,101E,102E,103E	Sealant	2,112	5%	2,218	lf	\$ 1.0	\$ 776.3	\$ 1,109.0	\$ 332.7	\$ 2,218
		<b>Wall type 5</b>						\$ -	\$ -	\$ -	
276	A-100E,101E,102E,103E	6" wood studs @ 16" O.C	6,136	5%	6,443	sf	\$ 4.0	\$ 9,020.2	\$ 12,886.0	\$ 3,865.8	\$ 25,772
277	A-100E,101E,102E,103E	(2) layer 5/8" gypsum borad on one side	6,136	5%	6,443	sf	\$ 3.0	\$ 6,765.2	\$ 9,664.5	\$ 2,899.4	\$ 19,329
278	A-100E,101E,102E,103E	1/2" exterior plywood	6,136	5%	6,443	sf	\$ 3.2	\$ 7,216.2	\$ 10,308.8	\$ 3,092.6	\$ 20,618

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
279	A-100E,101E,102E,103E	Insulation	6,136	5%	6,443	sf	\$ 2.0	\$ 4,510.1	\$ 6,443.0	\$ 1,932.9	\$ 12,886	
280	A-100E,101E,102E,103E	Sealant	765	5%	804	lf	\$ 1.0	\$ 281.4	\$ 402.0	\$ 120.6	\$ 804	
		<b>Wall type 7</b>						\$ -	\$ -	\$ -		
281	A-100E,101E,102E,103E	6" wood studs @ 16" O.C	1,634	5%	1,716	sf	\$ 4.0	\$ 2,402.4	\$ 3,432.0	\$ 1,029.6	\$ 6,864	
282	A-100E,101E,102E,103E	1/2" gypsum board on both side	3,268	5%	3,432	sf	\$ 3.0	\$ 3,603.6	\$ 5,148.0	\$ 1,544.4	\$ 10,296	
283	A-100E,101E,102E,103E	4" fiberglass insulation	1,634	5%	1,716	sf	\$ 2.0	\$ 1,201.2	\$ 1,716.0	\$ 514.8	\$ 3,432	

284	A-100E,101E,102E,103E	Sealant	768	5%	807	lf	\$	1.0	\$	282.5	\$	403.5	\$	121.1	\$	807
		<b>Flooring</b>							\$	-	\$	-	\$	-		
285	A-100E,101E,102E,103E	Ceramic tile flooring	11,120	5%	11,676	sf	\$	10.0	\$	40,866.0	\$	58,380.0	\$	17,514.0	\$	116,760
286	A-100E,101E,102E,103E	Sealed concrete	696	5%	731	sf	\$	3.0	\$	767.6	\$	1,096.5	\$	329.0	\$	2,193
287	A-100E,101E,102E,103E	LVT floor	76,325	5%	80,142	sf	\$	6.0	\$	168,298.2	\$	240,426.0	\$	72,127.8	\$	480,852
288	A-100E,101E,102E,103E	Vp1	24,166	5%	25,375	sf	\$	5.0	\$	44,406.3	\$	63,437.5	\$	19,031.3	\$	126,875
		<b>Base</b>							\$	-	\$	-	\$	-		
289	A-100E,101E,102E,103E	Wood base	18,557	5%	19,485	lf	\$	6.0	\$	40,918.5	\$	58,455.0	\$	17,536.5	\$	116,910
290	A-100E,101E,102E,103E	Tiles on wall	12,792	5%	13,432	sf	\$	12.0	\$	56,414.4	\$	80,592.0	\$	24,177.6	\$	161,184
		<b>Ceiling</b>							\$	-	\$	-	\$	-		
291	A-100E,101E,102E,103E	Gypsum board ceiling	111,640	5%	117,222	sf	\$	7.0	\$	287,193.9	\$	410,277.0	\$	123,083.1	\$	820,554
		<b>Paint</b>							\$	-	\$	-	\$	-		
292	A-100E,101E,102E,103E	Paint on walls	186,672	5%	196,006	sf	\$	2.0	\$	137,204.2	\$	196,006.0	\$	58,801.8	\$	392,012
293	A-100E,101E,102E,103E	Paint on ceiling	111,640	5%	117,222	sf	\$	2.2	\$	90,260.9	\$	128,944.2	\$	38,683.3	\$	257,888
		<b>Building F</b>														
		<b>Wall type 1</b>														
294	A-100F,101F,102F,103F	4" wood studs @ 16" O.C	6,690	5%	7,025	sf	\$	3.0	\$	7,376.3	\$	10,537.5	\$	3,161.3	\$	21,075
295	A-100F,101F,102F,103F	5/8" gypsum board on both sides	13,380	5%	14,049	sf	\$	3.0	\$	14,751.5	\$	21,073.5	\$	6,322.1	\$	42,147
296	A-100F,101F,102F,103F	4" fiberglass insulation	6,690	5%	7,025	sf	\$	2.0	\$	4,917.5	\$	7,025.0	\$	2,107.5	\$	14,050

297	A-100F,101F,102F,103F	Sealant	1,848	5%	1,941	lf	\$	1.0	\$	679.4	\$	970.5	\$	291.2	\$	1,941
		<b>Wall 2C</b>							\$	-	\$	-	\$	-		
298	A-100F,101F,102F,103F	4" wood studs @ 16" O.C	21,750	5%	22,838	sf	\$	3.0	\$	23,979.9	\$	34,257.0	\$	10,277.1	\$	68,514
299	A-100F,101F,102F,103F	(2) layer 5/8" gypsum borad on both side	43,500	5%	45,675	sf	\$	3.0	\$	47,958.8	\$	68,512.5	\$	20,553.8	\$	137,025
300	A-100F,101F,102F,103F	4" fiberglass insulation	21,750	5%	22,838	sf	\$	2.0	\$	15,986.6	\$	22,838.0	\$	6,851.4	\$	45,676
301	A-100F,101F,102F,103F	Sealant	6,132	5%	6,439	lf	\$	1.0	\$	2,253.7	\$	3,219.5	\$	965.9	\$	6,439
		<b>Wall type 5</b>							\$	-	\$	-	\$	-		
302	A-100F,101F,102F,103F	6" wood studs @ 16" O.C	6,483	5%	6,808	sf	\$	4.0	\$	9,531.2	\$	13,616.0	\$	4,084.8	\$	27,232
303	A-100F,101F,102F,103F	(2) layer 5/8" gypsum borad on one side	6,483	5%	6,808	sf	\$	3.0	\$	7,148.4	\$	10,212.0	\$	3,063.6	\$	20,424
304	A-100F,101F,102F,103F	1/2" exterior plywood	6,483	5%	6,808	sf	\$	3.2	\$	7,625.0	\$	10,892.8	\$	3,267.8	\$	21,786
305	A-100F,101F,102F,103F	Insulation	6,483	5%	6,808	sf	\$	2.0	\$	4,765.6	\$	6,808.0	\$	2,042.4	\$	13,616
306	A-100F,101F,102F,103F	Sealant	648	5%	681	lf	\$	1.0	\$	238.4	\$	340.5	\$	102.2	\$	681
		<b>Wall type 7</b>														
307	A-100F,101F,102F,103F	6" wood studs @ 16" O.C	1,140	5%	1,197	sf	\$	4.0	\$	1,675.8	\$	2,394.0	\$	718.2	\$	4,788
308	A-100F,101F,102F,103F	1/2" gypsum board on both side	2,280	5%	2,394	sf	\$	3.0	\$	2,513.7	\$	3,591.0	\$	1,077.3	\$	7,182
309	A-100F,101F,102F,103F	4" fiberglass insulation	1,140	5%	1,197	sf	\$	2.0	\$	837.9	\$	1,197.0	\$	359.1	\$	2,394
310	A-100F,101F,102F,103F	Sealant	168	5%	177	lf	\$	1.0	\$	62.0	\$	88.5	\$	26.6	\$	177
		<b>Flooring</b>														
311	A-100F,101F,102F,103F	Ceramic tile flooring	7,800	5%	8,190	sf	\$	10.0	\$	28,665.0	\$	40,950.0	\$	12,285.0	\$	81,900

312	A-100F,101F,102F,103F	Sealed concrete	609	5%	640	sf	\$	3.0	\$	672.0	\$	960.0	\$	288.0	\$	1,920
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ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
313	A-100F,101F,102F,103F	LVT floor	53,250	5%	55,913	sf	\$ 6.0	\$ 117,417.3	\$ 167,739.0	\$ 50,321.7	\$ 335,478	
314	A-100F,101F,102F,103F	Vp1	16,860	5%	17,703	sf	\$ 5.0	\$ 30,980.3	\$ 44,257.5	\$ 13,277.3	\$ 88,515	
		<b>Base</b>										
315	A-100F,101F,102F,103F	Wood base	16,308	5%	17,124	lf	\$ 6.0	\$ 35,960.4	\$ 51,372.0	\$ 15,411.6	\$ 102,744	
316	A-100F,101F,102F,103F	Tiles on walls	11,193	5%	11,753	sf	\$ 12.0	\$ 49,362.6	\$ 70,518.0	\$ 21,155.4	\$ 141,036	
		<b>Ceiling</b>										
317	A-100F,101F,102F,103F	Gypsum board ceiling	77,939	5%	81,836	sf	\$ 7.0	\$ 200,498.2	\$ 286,426.0	\$ 85,927.8	\$ 572,852	
		<b>Paint</b>										
318	A-100F,101F,102F,103F	Paint on walls	163,338	5%	171,505	sf	\$ 2.0	\$ 120,053.5	\$ 171,505.0	\$ 51,451.5	\$ 343,010	
319	A-100F,101F,102F,103F	Paint on ceiling	77,939	5%	81,836	sf	\$ 2.2	\$ 63,013.7	\$ 90,019.6	\$ 27,005.9	\$ 180,039	
<b>FURNISHING</b>											\$ 399,325	
		<b>Building A</b>										
320	A-100A,101A,102A,103A	Countertop	511	5%	537	lf	\$ 145.0	\$ 27,252.8	\$ 38,932.5	\$ 11,679.8	\$ 77,865	
321	A-100A,101A,102A,103A	Vanitytop	361	5%	380	lf	\$ 165.0	\$ 21,945.0	\$ 31,350.0	\$ 9,405.0	\$ 62,700	
		<b>Building B</b>										
322	A-100B,101B,102B,103B	Countertop	308	5%	324	lf	\$ 145.0	\$ 16,443.0	\$ 23,490.0	\$ 7,047.0	\$ 46,980	
323	A-100B,101B,102B,103B	Vanitytop	162	5%	171	lf	\$ 165.0	\$ 9,875.3	\$ 14,107.5	\$ 4,232.3	\$ 28,215	



		<b>Building C</b>											
324	A-100C,101C,102C,103C	Countertop	224	5%	236	lf	\$ 145.0	\$ 11,977.0	\$ 17,110.0	\$ 5,133.0	\$ 34,220		
325	A-100C,101C,102C,103C	Vanitytop	138	5%	145	lf	\$ 165.0	\$ 8,373.8	\$ 11,962.5	\$ 3,588.8	\$ 23,925		
		<b>Building D</b>											
326	A-100D,101D,102D,103D	Countertop	154	5%	162	lf	\$ 145.0	\$ 8,221.5	\$ 11,745.0	\$ 3,523.5	\$ 23,490		
327	A-100D,101D,102D,103D	Vanitytop	108	5%	114	lf	\$ 165.0	\$ 6,583.5	\$ 9,405.0	\$ 2,821.5	\$ 18,810		
		<b>Building E</b>											
328	A-100E,101E,102E,103E	Countertop	168	5%	177	lf	\$ 145.0	\$ 8,982.8	\$ 12,832.5	\$ 3,849.8	\$ 25,665		
329	A-100E,101E,102E,103E	Vanitytop	111	5%	117	lf	\$ 165.0	\$ 6,756.8	\$ 9,652.5	\$ 2,895.8	\$ 19,305		
		<b>Building F</b>											
330	A-100F,101F,102F,103F	Countertop	147	5%	155	lf	\$ 145.0	\$ 7,866.3	\$ 11,237.5	\$ 3,371.3	\$ 22,475		
331	A-100F,101F,102F,103F	Vanitytop	90	5%	95	lf	\$ 165.0	\$ 5,486.3	\$ 7,837.5	\$ 2,351.3	\$ 15,675		
<b>ELECTRICAL</b>												<b>\$ 3,377,065</b>	
		<b>Building A</b>											
		<b>Lighting items</b>											
332	E-009, E-104A	1x4 Emergency light	260	0%	260	ea	\$ 250.0	\$ 22,750.0	\$ 32,500.0	\$ 9,750.0	\$ 65,000		
333	E-009, E-104A	1x4 Normal light	218	0%	218	ea	\$ 200.0	\$ 15,260.0	\$ 21,800.0	\$ 6,540.0	\$ 43,600		
334	E-009, E-104A	2x2 Emergency light	10	0%	10	ea	\$ 225.0	\$ 787.5	\$ 1,125.0	\$ 337.5	\$ 2,250		
335	E-009, E-104A	Ceiling fan with light	163	0%	163	ea	\$ 400.0	\$ 22,820.0	\$ 32,600.0	\$ 9,780.0	\$ 65,200		

336	E-009, E-104A	Ceiling mount WI-FI	20	0%	20	ea	\$ 150.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000
337	E-009, E-104A	Chandelier light	6	0%	6	ea	\$ 600.0	\$ 1,260.0	\$ 1,800.0	\$ 540.0	\$ 3,600
338	E-009, E-104A	Exit sign with battery pack	82	0%	82	ea	\$ 250.0	\$ 7,175.0	\$ 10,250.0	\$ 3,075.0	\$ 20,500
339	E-009, E-104A	Linear fluorescent light with battery pack	17	0%	17	ea	\$ 400.0	\$ 2,380.0	\$ 3,400.0	\$ 1,020.0	\$ 6,800
340	E-009, E-104A	Occupancy sensor, ceiling mounted	121	0%	121	ea	\$ 350.0	\$ 14,822.5	\$ 21,175.0	\$ 6,352.5	\$ 42,350
341	E-009, E-104A	Pool light	9	0%	9	ea	\$ 400.0	\$ 1,260.0	\$ 1,800.0	\$ 540.0	\$ 3,600
342	E-009, E-104A	Recessed high hat light	654	0%	654	ea	\$ 350.0	\$ 80,115.0	\$ 114,450.0	\$ 34,335.0	\$ 228,900
343	E-009, E-104A	Recessed high hat light with battery pack	351	0%	351	ea	\$ 400.0	\$ 49,140.0	\$ 70,200.0	\$ 21,060.0	\$ 140,400
344	E-009, E-104A	Strip light	200	0%	200	ea	\$ 450.0	\$ 31,468.5	\$ 44,955.0	\$ 13,486.5	\$ 89,910

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
345	E-009, E-104A	Wall mounted light fixture	85	0%	85	ea	\$ 300.0	\$ 8,925.0	\$ 12,750.0	\$ 3,825.0	\$ 25,500	
346	E-009, E-104A	Wall mounted light fixture with battery pack, WP	3	0%	3	ea	\$ 350.0	\$ 367.5	\$ 525.0	\$ 157.5	\$ 1,050	
347	E-009, E-104A	Wall mounted light fixture, WP	33	0%	33	ea	\$ 300.0	\$ 3,465.0	\$ 4,950.0	\$ 1,485.0	\$ 9,900	
348	E-009, E-104A	Wall pack emergency light	24	0%	24	ea	\$ 250.0	\$ 2,100.0	\$ 3,000.0	\$ 900.0	\$ 6,000	
		<b>Power items</b>										
349	E-009, E-104A	3- Way switch	20	0%	20	ea	\$ 120.0	\$ 840.0	\$ 1,200.0	\$ 360.0	\$ 2,400	
350	E-009, E-104A	Apartment thermostat	203	0%	203	ea	\$ 250.0	\$ 17,762.5	\$ 25,375.0	\$ 7,612.5	\$ 50,750	
351	E-009, E-104A	Auto transfer switch	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150	
352	E-009, E-104A	Carbonmonoxide sensor	15	0%	15	ea	\$ 300.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500	

353	E-009, E-104A	Disconnect switch	54	0%	54	ea	\$ 175.0	\$ 3,307.5	\$ 4,725.0	\$ 1,417.5	\$ 9,450
354	E-009, E-104A	Disconnect switch with fused, 30A	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
355	E-009, E-104A	Disconnect switch, 40A	8	0%	8	ea	\$ 200.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600
356	E-009, E-104A	Duplex outlet and low voltage jack	13	0%	13	ea	\$ 110.0	\$ 500.5	\$ 715.0	\$ 214.5	\$ 1,430
357	E-009, E-104A	Duplex outlet, AFCI, TR	77	0%	77	ea	\$ 120.0	\$ 3,234.0	\$ 4,620.0	\$ 1,386.0	\$ 9,240
358	E-009, E-104A	Duplex outlet, GFI, TR, WP	189	0%	189	ea	\$ 120.0	\$ 7,938.0	\$ 11,340.0	\$ 3,402.0	\$ 22,680
359	E-009, E-104A	Duplex outlet, GFI, TR	436	0%	436	ea	\$ 110.0	\$ 16,786.0	\$ 23,980.0	\$ 7,194.0	\$ 47,960
360	E-009, E-104A	Duplex outlet, TR	1,308	0%	1,308	ea	\$ 110.0	\$ 50,358.0	\$ 71,940.0	\$ 21,582.0	\$ 143,880
361	E-009, E-104A	Elevator controller	1	0%	1	ea	\$ 300.0	\$ 105.0	\$ 150.0	\$ 45.0	\$ 300
362	E-009, E-104A	Ground bar	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
363	E-009, E-104A	Junction box	5	0%	5	ea	\$ 250.0	\$ 437.5	\$ 625.0	\$ 187.5	\$ 1,250
364	E-009, E-104A	Motor rated switch, WP	1	0%	1	ea	\$ 300.0	\$ 105.0	\$ 150.0	\$ 45.0	\$ 300
365	E-009, E-104A	Motor rated switch	8	0%	8	ea	\$ 200.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600
366	E-009, E-104A	Multimedia outlet	172	0%	172	ea	\$ 150.0	\$ 9,030.0	\$ 12,900.0	\$ 3,870.0	\$ 25,800
367	E-009, E-104A	Quad outlet, GFI, TR, WP	9	0%	9	ea	\$ 150.0	\$ 472.5	\$ 675.0	\$ 202.5	\$ 1,350
368	E-009, E-104A	Quad outlet, TR	19	0%	19	ea	\$ 150.0	\$ 997.5	\$ 1,425.0	\$ 427.5	\$ 2,850
369	E-009, E-104A	Sauna controler	1	0%	1	ea	\$ 300.0	\$ 105.0	\$ 150.0	\$ 45.0	\$ 300
370	E-009, E-104A	Special outlet	77	0%	77	ea	\$ 120.0	\$ 3,234.0	\$ 4,620.0	\$ 1,386.0	\$ 9,240
371	E-009, E-104A	Switch	944	0%	944	ea	\$ 100.0	\$ 33,040.0	\$ 47,200.0	\$ 14,160.0	\$ 94,400

372	E-009, E-104A	Temperature sensor	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200	
		<b>Misc.</b>										
373	E-009, E-104A	Electrical panel, 225A	6	0%	6	ea	\$ 2,200.0	\$ 4,620.0	\$ 6,600.0	\$ 1,980.0	\$ 13,200	
374	E-009, E-104A	Electrical panel, 400A	2	0%	2	ea	\$ 3,200.0	\$ 2,240.0	\$ 3,200.0	\$ 960.0	\$ 6,400	
375	E-009, E-104A	Electrical panel, 4000A	1	0%	1	ea	\$ 25,000.0	\$ 8,750.0	\$ 12,500.0	\$ 3,750.0	\$ 25,000	
376	E-009, E-104A	Generator 200KW	1	0%	1	ea	\$ 6,500.0	\$ 2,275.0	\$ 3,250.0	\$ 975.0	\$ 6,500	
377	E-009, E-104A	Electrical wiring	1	5%	1	ls	\$ 125,000.0	\$ 45,937.5	\$ 65,625.0	\$ 19,687.5	\$ 131,250	
		<b>Building B</b>										
		<b>Lighting items</b>										
378	E-100E, E-101E	1x4 Emergency light	27	0%	27	ea	\$ 250.0	\$ 2,362.5	\$ 3,375.0	\$ 1,012.5	\$ 6,750	
379	E-100E, E-101E	Ceiling fan with light	65	0%	65	ea	\$ 400.0	\$ 9,100.0	\$ 13,000.0	\$ 3,900.0	\$ 26,000	
380	E-100E, E-101E	Ceiling mount WI-FI	11	0%	11	ea	\$ 150.0	\$ 577.5	\$ 825.0	\$ 247.5	\$ 1,650	
381	E-100E, E-101E	Chandelier light	15	0%	15	ea	\$ 650.0	\$ 3,412.5	\$ 4,875.0	\$ 1,462.5	\$ 9,750	
382	E-100E, E-101E	Exit sign with battery pack, WP	1	0%	1	ea	\$ 300.0	\$ 105.0	\$ 150.0	\$ 45.0	\$ 300	
383	E-100E, E-101E	Exit sign with battery pack	19	0%	19	ea	\$ 250.0	\$ 1,662.5	\$ 2,375.0	\$ 712.5	\$ 4,750	
384	E-100E, E-101E	Recessed high hat light with battery pack	46	0%	46	ea	\$ 300.0	\$ 4,830.0	\$ 6,900.0	\$ 2,070.0	\$ 13,800	
385	E-100E, E-101E	Recessed high hat light	266	0%	266	ea	\$ 350.0	\$ 32,585.0	\$ 46,550.0	\$ 13,965.0	\$ 93,100	

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
386	E-100E, E-101E	Wall mounted light fixture	41	0%	41	ea	\$ 250.0	\$ 3,587.5	\$ 5,125.0	\$ 1,537.5	\$ 10,250	

387	E-100E, E-101E	Wall mounted light fixture, WP	1	0%	1	ea	\$ 275.0	\$ 96.3	\$ 137.5	\$ 41.3	\$ 275
		<b>Power items</b>									
388	E-100E, E-101E	3- Way switch	80	0%	80	ea	\$ 120.0	\$ 3,360.0	\$ 4,800.0	\$ 1,440.0	\$ 9,600
389	E-100E, E-101E	Apartment thermostat	115	0%	115	ea	\$ 250.0	\$ 10,062.5	\$ 14,375.0	\$ 4,312.5	\$ 28,750
390	E-100E, E-101E	Disconnect switch, 30A	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150
391	E-100E, E-101E	Disconnect switch, 200A	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
392	E-100E, E-101E	Disconnect switch, WP	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
393	E-100E, E-101E	Disconnect switch	41	0%	41	ea	\$ 175.0	\$ 2,511.3	\$ 3,587.5	\$ 1,076.3	\$ 7,175
394	E-100E, E-101E	Duplex outlet, AFCI, TR	53	0%	53	ea	\$ 120.0	\$ 2,226.0	\$ 3,180.0	\$ 954.0	\$ 6,360
395	E-100E, E-101E	Duplex outlet, GFI, TR	203	0%	203	ea	\$ 120.0	\$ 8,526.0	\$ 12,180.0	\$ 3,654.0	\$ 24,360
396	E-100E, E-101E	Duplex outlet, GFI, TR, WP	42	0%	42	ea	\$ 125.0	\$ 1,837.5	\$ 2,625.0	\$ 787.5	\$ 5,250
397	E-100E, E-101E	Duplex outlet, TR	592	0%	592	ea	\$ 110.0	\$ 22,792.0	\$ 32,560.0	\$ 9,768.0	\$ 65,120
398	E-100E, E-101E	Junction box	5	0%	5	ea	\$ 250.0	\$ 437.5	\$ 625.0	\$ 187.5	\$ 1,250
399	E-100E, E-101E	Motor rated switch	4	0%	4	ea	\$ 200.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
400	E-100E, E-101E	Multimedia outlet	80	0%	80	ea	\$ 110.0	\$ 3,080.0	\$ 4,400.0	\$ 1,320.0	\$ 8,800
401	E-100E, E-101E	Special outlet	40	0%	40	ea	\$ 120.0	\$ 1,680.0	\$ 2,400.0	\$ 720.0	\$ 4,800
402	E-100E, E-101E	Switch	327	0%	327	ea	\$ 100.0	\$ 11,445.0	\$ 16,350.0	\$ 4,905.0	\$ 32,700
403	E-100E, E-101E	Thermostat	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
		<b>Misc.</b>					\$ -	\$ -	\$ -		

404	E-100E, E-101E	Distribution panel 600A	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200
405	E-100E, E-101E	Electrical panel, 225A	3	0%	3	ea	\$ 2,200.0	\$ 2,310.0	\$ 3,300.0	\$ 990.0	\$ 6,600
406	E-100E, E-101E	Main distribution panel 4000A	1	0%	1	ea	\$ 25,000.0	\$ 8,750.0	\$ 12,500.0	\$ 3,750.0	\$ 25,000
407	E-100E, E-101E	Electrical wiring	1	5%	1	ls	\$ 32,000.0	\$ 11,760.0	\$ 16,800.0	\$ 5,040.0	\$ 33,600
		<b>Building C</b>									
		<b>Lighting items</b>									
408	E-100F, E101F	1x4 Emergency light	26	0%	26	ea	\$ 300.0	\$ 2,730.0	\$ 3,900.0	\$ 1,170.0	\$ 7,800
409	E-100F, E101F	Ceiling fan with light	37	0%	37	ea	\$ 400.0	\$ 5,180.0	\$ 7,400.0	\$ 2,220.0	\$ 14,800
410	E-100F, E101F	Ceiling mount WI-FI	6	0%	6	ea	\$ 150.0	\$ 315.0	\$ 450.0	\$ 135.0	\$ 900
411	E-100F, E101F	Chandelier light	7	0%	7	ea	\$ 650.0	\$ 1,592.5	\$ 2,275.0	\$ 682.5	\$ 4,550
412	E-100F, E101F	Exit sign with battery pack	14	0%	14	ea	\$ 250.0	\$ 1,225.0	\$ 1,750.0	\$ 525.0	\$ 3,500
413	E-100F, E101F	Recessed down light with battery pack	15	0%	15	ea	\$ 300.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500
414	E-100F, E101F	Recessed high hat light	163	0%	163	ea	\$ 275.0	\$ 15,688.8	\$ 22,412.5	\$ 6,723.8	\$ 44,825
415	E-100F, E101F	Recessed high hat light with battery pack	18	0%	18	ea	\$ 300.0	\$ 1,890.0	\$ 2,700.0	\$ 810.0	\$ 5,400
416	E-100F, E101F	Wall mounted light fixture	22	0%	22	ea	\$ 250.0	\$ 1,925.0	\$ 2,750.0	\$ 825.0	\$ 5,500
417	E-100F, E101F	Wall mounted light fixture with battery pack, WP	1	0%	1	ea	\$ 275.0	\$ 96.3	\$ 137.5	\$ 41.3	\$ 275
418	E-100F, E101F	Wall mounted light fixture, WP	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
		<b>Power items</b>									
419	E-100F, E101F	3- Way switch	37	0%	37	ea	\$ 120.0	\$ 1,554.0	\$ 2,220.0	\$ 666.0	\$ 4,440

420	E-100F, E101F	Apartment thermostat	56	0%	56	ea	\$ 250.0	\$ 4,900.0	\$ 7,000.0	\$ 2,100.0	\$ 14,000
421	E-100F, E101F	Auto transfer switch 100A	1	0%	1	ea	\$ 225.0	\$ 78.8	\$ 112.5	\$ 33.8	\$ 225
422	E-100F, E101F	Auto transfer switch	3	0%	3	ea	\$ 200.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600
423	E-100F, E101F	Disconnect switch, WP	2	0%	2	ea	\$ 250.0	\$ 175.0	\$ 250.0	\$ 75.0	\$ 500
424	E-100F, E101F	Disconnect switch	27	0%	27	ea	\$ 200.0	\$ 1,890.0	\$ 2,700.0	\$ 810.0	\$ 5,400
425	E-100F, E101F	Duplex outlet, AFCI, TR	27	0%	27	ea	\$ 120.0	\$ 1,134.0	\$ 1,620.0	\$ 486.0	\$ 3,240

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
426	E-100F, E101F	Duplex outlet, GFI, TR, WP	22	0%	22	ea	\$ 125.0	\$ 962.5	\$ 1,375.0	\$ 412.5	\$ 2,750	
427	E-100F, E101F	Duplex outlet, GFI, TR	102	0%	102	ea	\$ 110.0	\$ 3,927.0	\$ 5,610.0	\$ 1,683.0	\$ 11,220	
428	E-100F, E101F	Duplex outlet, TR	310	0%	310	ea	\$ 110.0	\$ 11,935.0	\$ 17,050.0	\$ 5,115.0	\$ 34,100	
429	E-100F, E101F	Ground bar	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150	
430	E-100F, E101F	Junction box	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400	
431	E-100F, E101F	Motor rated switch	3	0%	3	ea	\$ 200.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600	
432	E-100F, E101F	Multimedia outlet	32	0%	32	ea	\$ 125.0	\$ 1,400.0	\$ 2,000.0	\$ 600.0	\$ 4,000	
433	E-100F, E101F	Quad outlet, TR	2	0%	2	ea	\$ 150.0	\$ 105.0	\$ 150.0	\$ 45.0	\$ 300	
434	E-100F, E101F	Special outlet	19	0%	19	ea	\$ 120.0	\$ 798.0	\$ 1,140.0	\$ 342.0	\$ 2,280	
435	E-100F, E101F	Switch	187	0%	187	ea	\$ 100.0	\$ 6,545.0	\$ 9,350.0	\$ 2,805.0	\$ 18,700	
436	E-100F, E101F	Switch, WP	1	0%	1	ea	\$ 110.0	\$ 38.5	\$ 55.0	\$ 16.5	\$ 110	
437	E-100F, E101F	Thermostat	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200	

		<b>Misc.</b>											
438	E-100F, E101F	Distribution panel 600A	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200		
439	E-100F, E101F	Electrical panel, 225A	2	0%	2	ea	\$ 2,200.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400		
440	E-100F, E101F	Main distribution panel 4000A	1	0%	1	ea	\$ 25,000.0	\$ 8,750.0	\$ 12,500.0	\$ 3,750.0	\$ 25,000		
441	E-100F, E101F	Electrical wiring	1	5%	1	ls	\$ 38,000.0	\$ 13,965.0	\$ 19,950.0	\$ 5,985.0	\$ 39,900		
		<b>Building D</b>											
		<b>Lighting items</b>											
442	E-100D, E101D	1x4 Emergency light	24	0%	24	ea	\$ 120.0	\$ 1,008.0	\$ 1,440.0	\$ 432.0	\$ 2,880		
443	E-100D, E101D	Ceiling fan with light	58	0%	58	ea	\$ 250.0	\$ 5,075.0	\$ 7,250.0	\$ 2,175.0	\$ 14,500		
444	E-100D, E101D	Ceiling mount WI-FI	11	0%	11	ea	\$ 225.0	\$ 866.3	\$ 1,237.5	\$ 371.3	\$ 2,475		
445	E-100D, E101D	Chandelier light	6	0%	6	ea	\$ 200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200		
446	E-100D, E101D	Exit sign with battery pack	21	0%	21	ea	\$ 250.0	\$ 1,837.5	\$ 2,625.0	\$ 787.5	\$ 5,250		
447	E-100D, E101D	Recessed down light with battery pack	15	0%	15	ea	\$ 200.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000		
448	E-100D, E101D	Recessed high hat light	270	0%	270	ea	\$ 120.0	\$ 11,340.0	\$ 16,200.0	\$ 4,860.0	\$ 32,400		
449	E-100D, E101D	Recessed high hat light with battery pack	39	0%	39	ea	\$ 125.0	\$ 1,706.3	\$ 2,437.5	\$ 731.3	\$ 4,875		
450	E-100D, E101D	Wall mounted light fixture, WP	2	0%	2	ea	\$ 110.0	\$ 77.0	\$ 110.0	\$ 33.0	\$ 220		
451	E-100D, E101D	Wall mounted light fixture	39	0%	39	ea	\$ 110.0	\$ 1,501.5	\$ 2,145.0	\$ 643.5	\$ 4,290		
		<b>Power items</b>											
452	E-100D, E101D	3- Way switch	69	0%	69	ea	\$ 200.0	\$ 4,830.0	\$ 6,900.0	\$ 2,070.0	\$ 13,800		





		<b>Misc.</b>											
470	E-100D, E101D	Electrical panel, 225A	3	0%	3	ea	\$ 2,200.0	\$ 2,310.0	\$ 3,300.0	\$ 990.0	\$ 6,600		
471	E-100D, E101D	Main distribution panel 4000A	1	0%	1	ea	\$ 25,000.0	\$ 8,750.0	\$ 12,500.0	\$ 3,750.0	\$ 25,000		
472	E-100D, E101D	Electrical wiring	1	5%	1	ls	\$ 38,000.0	\$ 13,965.0	\$ 19,950.0	\$ 5,985.0	\$ 39,900		
		<b>Building E</b>											
		<b>Lighting items</b>											
473	E-100E, E-101E	1x4 Emergency light	27	0%	27	ea	\$ 250.0	\$ 2,362.5	\$ 3,375.0	\$ 1,012.5	\$ 6,750		
474	E-100E, E-101E	Ceiling fan with light	65	0%	65	ea	\$ 400.0	\$ 9,100.0	\$ 13,000.0	\$ 3,900.0	\$ 26,000		
475	E-100E, E-101E	Ceiling mount WI-FI	11	0%	11	ea	\$ 150.0	\$ 577.5	\$ 825.0	\$ 247.5	\$ 1,650		
476	E-100E, E-101E	Chandelier light	15	0%	15	ea	\$ 650.0	\$ 3,412.5	\$ 4,875.0	\$ 1,462.5	\$ 9,750		
477	E-100E, E-101E	Exit sign with battery pack, WP	1	0%	1	ea	\$ 300.0	\$ 105.0	\$ 150.0	\$ 45.0	\$ 300		
478	E-100E, E-101E	Exit sign with battery pack	19	0%	19	ea	\$ 250.0	\$ 1,662.5	\$ 2,375.0	\$ 712.5	\$ 4,750		
479	E-100E, E-101E	Recessed high hat light with battery pack	46	0%	46	ea	\$ 300.0	\$ 4,830.0	\$ 6,900.0	\$ 2,070.0	\$ 13,800		
480	E-100E, E-101E	Recessed high hat light	266	0%	266	ea	\$ 350.0	\$ 32,585.0	\$ 46,550.0	\$ 13,965.0	\$ 93,100		
481	E-100E, E-101E	Wall mounted light fixture	41	0%	41	ea	\$ 250.0	\$ 3,587.5	\$ 5,125.0	\$ 1,537.5	\$ 10,250		
482	E-100E, E-101E	Wall mounted light fixture, WP	1	0%	1	ea	\$ 275.0	\$ 96.3	\$ 137.5	\$ 41.3	\$ 275		
		<b>Power items</b>											
483	E-100E, E-101E	3- Way switch	80	0%	80	ea	\$ 120.0	\$ 3,360.0	\$ 4,800.0	\$ 1,440.0	\$ 9,600		
484	E-100E, E-101E	Apartment thermostat	115	0%	115	ea	\$ 250.0	\$ 10,062.5	\$ 14,375.0	\$ 4,312.5	\$ 28,750		

485	E-100E, E-101E	Disconnect switch, 30A	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150
486	E-100E, E-101E	Disconnect switch, 200A	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
487	E-100E, E-101E	Disconnect switch, WP	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
488	E-100E, E-101E	Disconnect switch	41	0%	41	ea	\$ 175.0	\$ 2,511.3	\$ 3,587.5	\$ 1,076.3	\$ 7,175
489	E-100E, E-101E	Duplex outlet, AFCI, TR	53	0%	53	ea	\$ 120.0	\$ 2,226.0	\$ 3,180.0	\$ 954.0	\$ 6,360
490	E-100E, E-101E	Duplex outlet, GFI, TR	203	0%	203	ea	\$ 120.0	\$ 8,526.0	\$ 12,180.0	\$ 3,654.0	\$ 24,360
491	E-100E, E-101E	Duplex outlet, GFI, TR, WP	42	0%	42	ea	\$ 125.0	\$ 1,837.5	\$ 2,625.0	\$ 787.5	\$ 5,250
492	E-100E, E-101E	Duplex outlet, TR	592	0%	592	ea	\$ 110.0	\$ 22,792.0	\$ 32,560.0	\$ 9,768.0	\$ 65,120
493	E-100E, E-101E	Junction box	5	0%	5	ea	\$ 250.0	\$ 437.5	\$ 625.0	\$ 187.5	\$ 1,250
494	E-100E, E-101E	Motor rated switch	4	0%	4	ea	\$ 200.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
495	E-100E, E-101E	Multimedia outlet	80	0%	80	ea	\$ 110.0	\$ 3,080.0	\$ 4,400.0	\$ 1,320.0	\$ 8,800
496	E-100E, E-101E	Special outlet	40	0%	40	ea	\$ 120.0	\$ 1,680.0	\$ 2,400.0	\$ 720.0	\$ 4,800
497	E-100E, E-101E	Switch	327	0%	327	ea	\$ 100.0	\$ 11,445.0	\$ 16,350.0	\$ 4,905.0	\$ 32,700
498	E-100E, E-101E	Thermostat	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
		<b>Misc.</b>									
499	E-100E, E-101E	Distribution panel 600A	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200
500	E-100E, E-101E	Electrical panel, 225A	3	0%	3	ea	\$ 2,200.0	\$ 2,310.0	\$ 3,300.0	\$ 990.0	\$ 6,600
501	E-100E, E-101E	Main distribution panel 4000A	1	0%	1	ea	\$ 25,000.0	\$ 8,750.0	\$ 12,500.0	\$ 3,750.0	\$ 25,000
502	E-100E, E-101E	Electrical wiring	1	5%	1	ls	\$ 35,000.0	\$ 12,862.5	\$ 18,375.0	\$ 5,512.5	\$ 36,750

		<b>Building F</b>											
		<b>Lighting items</b>											
503	E-100F, E101F	1x4 Emergency light	26	0%	26	ea	\$ 300.0	\$ 2,730.0	\$ 3,900.0	\$ 1,170.0	\$ 7,800		

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
504	E-100F, E101F	Ceiling fan with light	37	0%	37	ea	\$ 400.0	\$ 5,180.0	\$ 7,400.0	\$ 2,220.0	\$ 14,800	
505	E-100F, E101F	Ceiling mount WI-FI	6	0%	6	ea	\$ 150.0	\$ 315.0	\$ 450.0	\$ 135.0	\$ 900	
506	E-100F, E101F	Chandelier light	7	0%	7	ea	\$ 650.0	\$ 1,592.5	\$ 2,275.0	\$ 682.5	\$ 4,550	
507	E-100F, E101F	Exit sign with battery pack	14	0%	14	ea	\$ 250.0	\$ 1,225.0	\$ 1,750.0	\$ 525.0	\$ 3,500	
508	E-100F, E101F	Recessed down light with battery pack	15	0%	15	ea	\$ 300.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500	
509	E-100F, E101F	Recessed high hat light	163	0%	163	ea	\$ 275.0	\$ 15,688.8	\$ 22,412.5	\$ 6,723.8	\$ 44,825	
510	E-100F, E101F	Recessed high hat light with battery pack	18	0%	18	ea	\$ 300.0	\$ 1,890.0	\$ 2,700.0	\$ 810.0	\$ 5,400	
511	E-100F, E101F	Wall mounted light fixture	22	0%	22	ea	\$ 250.0	\$ 1,925.0	\$ 2,750.0	\$ 825.0	\$ 5,500	
512	E-100F, E101F	Wall mounted light fixture with battery pack, WP	1	0%	1	ea	\$ 275.0	\$ 96.3	\$ 137.5	\$ 41.3	\$ 275	
513	E-100F, E101F	Wall mounted light fixture, WP	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200	
		<b>Power items</b>										
514	E-100F, E101F	3- Way switch	37	0%	37	ea	\$ 120.0	\$ 1,554.0	\$ 2,220.0	\$ 666.0	\$ 4,440	
515	E-100F, E101F	Apartment thermostat	56	0%	56	ea	\$ 250.0	\$ 4,900.0	\$ 7,000.0	\$ 2,100.0	\$ 14,000	
516	E-100F, E101F	Auto transfer switch 100A	1	0%	1	ea	\$ 225.0	\$ 78.8	\$ 112.5	\$ 33.8	\$ 225	
517	E-100F, E101F	Auto transfer switch	3	0%	3	ea	\$ 200.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600	

518	E-100F, E101F	Disconnect switch, WP	2	0%	2	ea	\$ 250.0	\$ 175.0	\$ 250.0	\$ 75.0	\$ 500
519	E-100F, E101F	Disconnect switch	27	0%	27	ea	\$ 200.0	\$ 1,890.0	\$ 2,700.0	\$ 810.0	\$ 5,400
520	E-100F, E101F	Duplex outlet, AFCI, TR	27	0%	27	ea	\$ 120.0	\$ 1,134.0	\$ 1,620.0	\$ 486.0	\$ 3,240
521	E-100F, E101F	Duplex outlet, GFI, TR, WP	22	0%	22	ea	\$ 125.0	\$ 962.5	\$ 1,375.0	\$ 412.5	\$ 2,750
522	E-100F, E101F	Duplex outlet, GFI, TR	102	0%	102	ea	\$ 110.0	\$ 3,927.0	\$ 5,610.0	\$ 1,683.0	\$ 11,220
523	E-100F, E101F	Duplex outlet, TR	310	0%	310	ea	\$ 110.0	\$ 11,935.0	\$ 17,050.0	\$ 5,115.0	\$ 34,100
524	E-100F, E101F	Ground bar	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150
525	E-100F, E101F	Junction box	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
526	E-100F, E101F	Motor rated switch	3	0%	3	ea	\$ 200.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600
527	E-100F, E101F	Multimedia outlet	32	0%	32	ea	\$ 125.0	\$ 1,400.0	\$ 2,000.0	\$ 600.0	\$ 4,000
528	E-100F, E101F	Quad outlet, TR	2	0%	2	ea	\$ 150.0	\$ 105.0	\$ 150.0	\$ 45.0	\$ 300
529	E-100F, E101F	Special outlet	19	0%	19	ea	\$ 120.0	\$ 798.0	\$ 1,140.0	\$ 342.0	\$ 2,280
530	E-100F, E101F	Switch	187	0%	187	ea	\$ 100.0	\$ 6,545.0	\$ 9,350.0	\$ 2,805.0	\$ 18,700
531	E-100F, E101F	Switch, WP	1	0%	1	ea	\$ 110.0	\$ 38.5	\$ 55.0	\$ 16.5	\$ 110
532	E-100F, E101F	Thermostat	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
		<b>Elevators</b>									
533		Elevators	8	0%	8	ea	\$ 30,000.0	\$ 84,000.0	\$ 120,000.0	\$ 36,000.0	\$ 240,000
		<b>Misc.</b>									
534	E-100F, E101F	Distribution panel 600A	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200

535	E-100F, E101F	Electrical panel, 225A	2	0%	2	ea	\$ 2,200.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400	
536	E-100F, E101F	Main distribution panel 4000A	1	0%	1	ea	\$ 25,000.0	\$ 8,750.0	\$ 12,500.0	\$ 3,750.0	\$ 25,000	
537	E-100F, E101F	Electrical wiring	1	5%	1	ls	\$ 42,000.0	\$ 15,435.0	\$ 22,050.0	\$ 6,615.0	\$ 44,100	
<b>PLUMBING</b>											\$ 3,469,634	
<b>Building A</b>												
538	P-100A - P-104A	1 1/2" waste pipe	41	5%	43	lf	\$ 28.0	\$ 417.8	\$ 596.8	\$ 179.0	\$ 1,194	
539	P-100A - P-104A	1" cold water pipe	63	5%	66	lf	\$ 22.0	\$ 506.4	\$ 723.5	\$ 217.0	\$ 1,447	
540	P-100A - P-104A	1" gas pipe	9	5%	9	lf	\$ 22.0	\$ 70.1	\$ 100.1	\$ 30.0	\$ 200	
541	P-100A - P-104A	1" hot water pipe	82	5%	86	lf	\$ 22.0	\$ 660.8	\$ 944.0	\$ 283.2	\$ 1,888	
542	P-100A - P-104A	1/2" cold water pipe	2,581	5%	2,710	lf	\$ 12.0	\$ 11,383.6	\$ 16,262.3	\$ 4,878.7	\$ 32,525	
543	P-100A - P-104A	1/2" hot water pipe	1,880	5%	1,973	lf	\$ 12.0	\$ 8,288.7	\$ 11,841.0	\$ 3,552.3	\$ 23,682	

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
544	P-100A - P-104A	1/2" vent pipe	4	5%	5	lf	\$ 12.0	\$ 19.1	\$ 27.2	\$ 8.2	\$ 54	
545	P-100A - P-104A	2" vent pipe	6	5%	7	lf	\$ 33.0	\$ 77.7	\$ 111.1	\$ 33.3	\$ 222	
546	P-100A - P-104A	2" waste pipe	1,179	5%	1,238	lf	\$ 33.0	\$ 14,299.8	\$ 20,428.3	\$ 6,128.5	\$ 40,857	
547	P-100A - P-104A	2.5" waste pipe	86	5%	90	lf	\$ 28.0	\$ 882.8	\$ 1,261.1	\$ 378.3	\$ 2,522	
548	P-100A - P-104A	3" floor drain	20	0%	20	ea	\$ 250.0	\$ 1,750.0	\$ 2,500.0	\$ 750.0	\$ 5,000	
549	P-100A - P-104A	3" vent pipe	42	5%	44	lf	\$ 45.0	\$ 695.4	\$ 993.4	\$ 298.0	\$ 1,987	
550	P-100A - P-104A	3/4" cold water pipe	107	5%	112	lf	\$ 18.0	\$ 704.6	\$ 1,006.6	\$ 302.0	\$ 2,013	

551	P-100A - P-104A	3/4" hot water pipe	21	5%	23	lf	\$ 18.0	\$ 142.0	\$ 202.9	\$ 60.9	\$ 406
552	P-100A - P-104A	4" sanitary pipe	616	5%	647	lf	\$ 55.0	\$ 12,453.9	\$ 17,791.3	\$ 5,337.4	\$ 35,583
553	P-100A - P-104A	4" vent pipe	59	5%	62	lf	\$ 55.0	\$ 1,195.2	\$ 1,707.4	\$ 512.2	\$ 3,415
554	P-100A - P-104A	4" waste pipe	333	5%	350	lf	\$ 55.0	\$ 6,730.8	\$ 9,615.4	\$ 2,884.6	\$ 19,231
555	P-100A - P-104A	4" x 6" funnel drain	1	0%	1	ea	\$ 450.0	\$ 157.5	\$ 225.0	\$ 67.5	\$ 450
556	P-100A - P-104A	5" sanitary pipe	178	5%	187	lf	\$ 65.0	\$ 4,261.5	\$ 6,087.9	\$ 1,826.4	\$ 12,176
557	P-100A - P-104A	5" vent pipe	204	5%	214	lf	\$ 65.0	\$ 4,871.9	\$ 6,959.8	\$ 2,087.9	\$ 13,920
558	P-100A - P-104A	6" sanitary pipe	414	5%	435	lf	\$ 75.0	\$ 11,413.9	\$ 16,305.6	\$ 4,891.7	\$ 32,611
		<b>Misc</b>									
559	P-104A	Hose bib	13	0%	13	ea	\$ 300.0	\$ 1,365.0	\$ 1,950.0	\$ 585.0	\$ 3,900
560	P-100A - P-104A	Clean out	126	0%	126	ea	\$ 350.0	\$ 15,435.0	\$ 22,050.0	\$ 6,615.0	\$ 44,100
561	P-104A	4" roof drain	9	0%	9	ea	\$ 400.0	\$ 1,260.0	\$ 1,800.0	\$ 540.0	\$ 3,600
		<b>Fixtures</b>									
562	P-100A - P-104A	Water closet	94	0%	94	ea	\$ 1,075.0	\$ 35,367.5	\$ 50,525.0	\$ 15,157.5	\$ 101,050
563	P-100A - P-104A	Lavatory	94	0%	94	ea	\$ 450.0	\$ 14,805.0	\$ 21,150.0	\$ 6,345.0	\$ 42,300
564	P-100A - P-104A	Bathtub	80	0%	80	ea	\$ 1,200.0	\$ 33,600.0	\$ 48,000.0	\$ 14,400.0	\$ 96,000
565	P-100A - P-104A	Kitchen sink	81	0%	81	ea	\$ 550.0	\$ 15,592.5	\$ 22,275.0	\$ 6,682.5	\$ 44,550
566	P-100A - P-104A	Electric cooking range	81	0%	81	ea	\$ 600.0	\$ 17,010.0	\$ 24,300.0	\$ 7,290.0	\$ 48,600
567	P-100A - P-104A	Hot water Heater	77	0%	77	ea	\$ 1,800.0	\$ 48,510.0	\$ 69,300.0	\$ 20,790.0	\$ 138,600

Building B												
568	100P1-P100P3 to P100B-P10	1 1/2" gas pipe	208	5%	218	lf	\$ 28.0	\$ 2,138.1	\$ 3,054.4	\$ 916.3	\$ 6,109	
569	100P1-P100P3 to P100B-P10	1 1/4" gas pipe	346	5%	363	lf	\$ 25.0	\$ 3,178.1	\$ 4,540.2	\$ 1,362.1	\$ 9,080	
570	100P1-P100P3 to P100B-P10	1 1/4" vent pipe	6	5%	6	lf	\$ 25.0	\$ 56.4	\$ 80.6	\$ 24.2	\$ 161	
571	100P1-P100P3 to P100B-P10	1 1/4" waste pipe	97	5%	102	lf	\$ 25.0	\$ 891.3	\$ 1,273.3	\$ 382.0	\$ 2,547	
572	100P1-P100P3 to P100B-P10	1" cold water pipe	55	5%	58	lf	\$ 22.0	\$ 442.9	\$ 632.7	\$ 189.8	\$ 1,265	
573	100P1-P100P3 to P100B-P10	1" gas pipe	136	5%	142	lf	\$ 22.0	\$ 1,096.3	\$ 1,566.2	\$ 469.9	\$ 3,132	
574	100P1-P100P3 to P100B-P10	1/2" cold water pipe	2,248	5%	2,361	lf	\$ 12.0	\$ 9,914.1	\$ 14,163.0	\$ 4,248.9	\$ 28,326	
575	P100P3	3' x 3' x 4'D sump pit	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200	
576	100P1-P100P3 to P100B-P10	3" floor drain	3	0%	3	ea	\$ 350.0	\$ 367.5	\$ 525.0	\$ 157.5	\$ 1,050	
577	100P1-P100P3 to P100B-P10	3" vent pipe	26	5%	27	lf	\$ 45.0	\$ 427.3	\$ 610.5	\$ 183.1	\$ 1,221	
578	100P1-P100P3 to P100B-P10	3" waste pipe	119	5%	125	lf	\$ 45.0	\$ 1,965.0	\$ 2,807.1	\$ 842.1	\$ 5,614	
579	100P1-P100P3 to P100B-P10	4" floor drain	36	0%	36	ea	\$ 350.0	\$ 4,410.0	\$ 6,300.0	\$ 1,890.0	\$ 12,600	
580	100P1-P100P3 to P100B-P10	4" roof drain	4	0%	4	ea	\$ 350.0	\$ 490.0	\$ 700.0	\$ 210.0	\$ 1,400	
581	100P1-P100P3 to P100B-P10	4" sanitary pipe	2,190	5%	2,299	lf	\$ 45.0	\$ 36,214.0	\$ 51,734.3	\$ 15,520.3	\$ 103,469	
582	100P1-P100P3 to P100B-P10	4" vent pipe	421	5%	442	lf	\$ 45.0	\$ 6,968.6	\$ 9,955.1	\$ 2,986.5	\$ 19,910	
583	100P1-P100P3 to P100B-P10	4" waste pipe	288	5%	303	lf	\$ 45.0	\$ 4,767.6	\$ 6,810.9	\$ 2,043.3	\$ 13,622	
584	100P1-P100P3 to P100B-P10	4" x 6" funnel drain	5	0%	5	ea	\$ 350.0	\$ 612.5	\$ 875.0	\$ 262.5	\$ 1,750	
585	100P1-P100P3 to P100B-P10	5" sanitary pipe	46	5%	48	lf	\$ 65.0	\$ 1,101.2	\$ 1,573.2	\$ 471.9	\$ 3,146	



ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
586	100P1-P100P3 to P100B-P10	6" sanitary pipe	747	5%	784	lf	\$ 75.0	\$ 20,576.8	\$ 29,395.4	\$ 8,818.6	\$ 58,791	
587	100P1-P100P3 to P100B-P10	8" sanitary pipe	26	5%	27	lf	\$ 90.0	\$ 857.0	\$ 1,224.2	\$ 367.3	\$ 2,448	
588	100P1-P100P3 to P100B-P10	Clean out	116	0%	116	ea	\$ 250.0	\$ 10,150.0	\$ 14,500.0	\$ 4,350.0	\$ 29,000	
589	P100P3	ESP #3	1	5%	1	ea	\$ 600.0	\$ 220.5	\$ 315.0	\$ 94.5	\$ 630	
590	P100P3	ESP#1	1	5%	1	ea	\$ 400.0	\$ 147.0	\$ 210.0	\$ 63.0	\$ 420	
591	P100P3	ESP#2	1	5%	1	ea	\$ 450.0	\$ 165.4	\$ 236.3	\$ 70.9	\$ 473	
		<b>Fixtures</b>										
592	100P1-P100P3 to P100B-P10	Water closet	44	0%	44	ea	\$ 1,075.0	\$ 16,555.0	\$ 23,650.0	\$ 7,095.0	\$ 47,300	
593	100P1-P100P3 to P100B-P10	Lavatory	44	100%	88	ea	\$ 450.0	\$ 13,860.0	\$ 19,800.0	\$ 5,940.0	\$ 39,600	
594	100P1-P100P3 to P100B-P10	Bathtub	44	200%	132	ea	\$ 1,200.0	\$ 55,440.0	\$ 79,200.0	\$ 23,760.0	\$ 158,400	
595	100P1-P100P3 to P100B-P10	Kitchen sink	34	300%	136	ea	\$ 550.0	\$ 26,180.0	\$ 37,400.0	\$ 11,220.0	\$ 74,800	
596	100P1-P100P3 to P100B-P10	Electric cooking range	34	400%	170	ea	\$ 500.0	\$ 29,750.0	\$ 42,500.0	\$ 12,750.0	\$ 85,000	
597	100P1-P100P3 to P100B-P10	Hot water Heater	34	500%	204	ea	\$ 1,800.0	\$ 128,520.0	\$ 183,600.0	\$ 55,080.0	\$ 367,200	
598	100P1-P100P3 to P100B-P10	Dishwasher	34	600%	238	ea	\$ 500.0	\$ 41,650.0	\$ 59,500.0	\$ 17,850.0	\$ 119,000	
		<b>Building C</b>										
599	P100C-P102C	1 1/2" vent pipe	47	5%	50	lf	\$ 28.0	\$ 485.6	\$ 693.7	\$ 208.1	\$ 1,387	
600	P100C-P102C	1/2" cold water pipe	2,097	5%	2,202	lf	\$ 12.0	\$ 9,247.5	\$ 13,210.8	\$ 3,963.2	\$ 26,422	
601	P100C-P102C	1/2" hot water pipe	1,221	5%	1,282	lf	\$ 12.0	\$ 5,384.7	\$ 7,692.4	\$ 2,307.7	\$ 15,385	
602	P100C-P102C	2" vent pipe	45	5%	47	lf	\$ 33.0	\$ 548.2	\$ 783.1	\$ 234.9	\$ 1,566	

603	P100C-P102C	2" waste pipe	924	5%	971	lf	\$	33.0	\$	11,211.5	\$	16,016.4	\$	4,804.9	\$	32,033
604	P100C-P102C	3" vent pipe	393	5%	413	lf	\$	45.0	\$	6,503.4	\$	9,290.5	\$	2,787.2	\$	18,581
605	P100C-P102C	4" roof drain	3	0%	3	ea	\$	55.0	\$	57.8	\$	82.5	\$	24.8	\$	165
606	P100C-P102C	4" sanitary pipe	23	5%	24	lf	\$	55.0	\$	467.3	\$	667.6	\$	200.3	\$	1,335
607	P100C-P102C	4" storm pipe	77	5%	81	lf	\$	55.0	\$	1,565.9	\$	2,236.9	\$	671.1	\$	4,474
608	P100C-P102C	4" vent pipe	203	5%	213	lf	\$	55.0	\$	4,105.2	\$	5,864.5	\$	1,759.4	\$	11,729
609	P100C-P102C	6" storm pipe	22	5%	23	lf	\$	75.0	\$	593.4	\$	847.7	\$	254.3	\$	1,695
610	P100C-P102C	Clean out	60	0%	60	ea	\$	250.0	\$	5,250.0	\$	7,500.0	\$	2,250.0	\$	15,000
		<b>Fixtures</b>														
611	P100C-P102C	Water closet	50	0%	50	ea	\$	1,075.0	\$	18,812.5	\$	26,875.0	\$	8,062.5	\$	53,750
612	P100C-P102C	Sink	38	0%	38	ea	\$	550.0	\$	7,315.0	\$	10,450.0	\$	3,135.0	\$	20,900
613	P100C-P102C	Lavatory	50	0%	50	ea	\$	450.0	\$	7,875.0	\$	11,250.0	\$	3,375.0	\$	22,500
614	P100C-P102C	Electric cooking range	38	0%	38	ea	\$	500.0	\$	6,650.0	\$	9,500.0	\$	2,850.0	\$	19,000
615	P100C-P102C	Hot water Heater	38	0%	38	ea	\$	1,800.0	\$	23,940.0	\$	34,200.0	\$	10,260.0	\$	68,400
616	P100C-P102C	Dishwasher	38	0%	38	ea	\$	500.0	\$	6,650.0	\$	9,500.0	\$	2,850.0	\$	19,000
617	P100C-P102C	Bath tub	50	0%	50	ea	\$	1,200.0	\$	21,000.0	\$	30,000.0	\$	9,000.0	\$	60,000
		<b>Building D</b>														
618	P099,P100D,P101D	1 1/2" waste pipe	23	5%	24	lf	\$	28.0	\$	239.7	\$	342.4	\$	102.7	\$	685
619	P099,P100D,P101D	1" gas pipe	126	5%	132	lf	\$	22.0	\$	1,016.4	\$	1,452.0	\$	435.6	\$	2,904

620	P099,P100D,P101D	1/2" cold water pipe	1,430	5%	1,502	lf	\$ 12.0	\$ 6,307.1	\$ 9,010.2	\$ 2,703.1	\$ 18,020
621	P099,P100D,P101D	1/2" hot water pipe	862	5%	905	lf	\$ 12.0	\$ 3,802.7	\$ 5,432.5	\$ 1,629.7	\$ 10,865
622	P099,P100D,P101D	1/2" waste pipe	70	5%	74	lf	\$ 12.0	\$ 310.7	\$ 443.8	\$ 133.2	\$ 888
623	P099,P100D,P101D	2 1/2" vent pipe	114	5%	119	lf	\$ 28.0	\$ 1,167.9	\$ 1,668.5	\$ 500.5	\$ 3,337
624	P099,P100D,P101D	2 1/2" waste pipe	226	5%	238	lf	\$ 28.0	\$ 2,327.8	\$ 3,325.4	\$ 997.6	\$ 6,651
625	P099,P100D,P101D	2" gas pipe	144	5%	151	lf	\$ 33.0	\$ 1,744.9	\$ 2,492.7	\$ 747.8	\$ 4,985
626	P099,P100D,P101D	2" pump drain pipe	26	5%	27	lf	\$ 33.0	\$ 316.5	\$ 452.2	\$ 135.7	\$ 904

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
627	P099,P100D,P101D	2" waste pipe	556	5%	584	lf	\$ 33.0	\$ 6,745.9	\$ 9,637.0	\$ 2,891.1	\$ 19,274	
628	P099,P100D,P101D	3" floor drain	5	0%	5	ea	\$ 45.0	\$ 78.8	\$ 112.5	\$ 33.8	\$ 225	
629	P099,P100D,P101D	3" vent pipe	235	5%	247	lf	\$ 45.0	\$ 3,888.6	\$ 5,555.2	\$ 1,666.6	\$ 11,110	
630	P099,P100D,P101D	3" waste pipe	50	5%	53	lf	\$ 45.0	\$ 827.0	\$ 1,181.5	\$ 354.4	\$ 2,363	
631	P099,P100D,P101D	4" floor drain	9	0%	9	ea	\$ 250.0	\$ 787.5	\$ 1,125.0	\$ 337.5	\$ 2,250	
632	P099,P100D,P101D	4" roof drain	6	0%	6	ea	\$ 250.0	\$ 525.0	\$ 750.0	\$ 225.0	\$ 1,500	
633	P099,P100D,P101D	4" sanitary pipe	1,269	5%	1,333	lf	\$ 55.0	\$ 25,652.9	\$ 36,647.0	\$ 10,994.1	\$ 73,294	
634	P099,P100D,P101D	4" storm pipe	162	5%	170	lf	\$ 55.0	\$ 3,280.5	\$ 4,686.4	\$ 1,405.9	\$ 9,373	
635	P099,P100D,P101D	4" waste pipe	198	5%	208	lf	\$ 55.0	\$ 4,012.0	\$ 5,731.4	\$ 1,719.4	\$ 11,463	
636	P099,P100D,P101D	4" x 6" funnel drain	1	0%	1	ea	\$ 450.0	\$ 157.5	\$ 225.0	\$ 67.5	\$ 450	
637	P099,P100D,P101D	5" sanitary pipe	11	5%	11	lf	\$ 65.0	\$ 252.3	\$ 360.4	\$ 108.1	\$ 721	

638	P099,P100D,P101D	5" vent pipe	106	5%	111	lf	\$ 65.0	\$ 2,535.9	\$ 3,622.7	\$ 1,086.8	\$ 7,245
639	P099,P100D,P101D	6" sanitary pipe	177	5%	186	lf	\$ 75.0	\$ 4,869.5	\$ 6,956.4	\$ 2,086.9	\$ 13,913
640	P099,P100D,P101D	Clean out	62	0%	62	ea	\$ 250.0	\$ 5,425.0	\$ 7,750.0	\$ 2,325.0	\$ 15,500
641	P099	Hose bib	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
		<b>Fixtures</b>									
642	P099,P100D,P101D	Water closet	36	0%	36	ea	\$ 1,075.0	\$ 13,545.0	\$ 19,350.0	\$ 5,805.0	\$ 38,700
643	P099,P100D,P101D	Sink	22	0%	22	ea	\$ 550.0	\$ 4,235.0	\$ 6,050.0	\$ 1,815.0	\$ 12,100
644	P099,P100D,P101D	Lavatory	36	0%	36	ea	\$ 450.0	\$ 5,670.0	\$ 8,100.0	\$ 2,430.0	\$ 16,200
645	P099,P100D,P101D	Electric cooking range	22	0%	22	ea	\$ 500.0	\$ 3,850.0	\$ 5,500.0	\$ 1,650.0	\$ 11,000
646	P099,P100D,P101D	Dishwasher	22	0%	22	ea	\$ 500.0	\$ 3,850.0	\$ 5,500.0	\$ 1,650.0	\$ 11,000
647	P099,P100D,P101D	Hot water Heater	22	0%	22	ea	\$ 1,800.0	\$ 13,860.0	\$ 19,800.0	\$ 5,940.0	\$ 39,600
648	P099,P100D,P101D	Bath tub	36	0%	36	ea	\$ 1,200.0	\$ 15,120.0	\$ 21,600.0	\$ 6,480.0	\$ 43,200
		<b>Building E</b>									
649	P100E,P101E	1 1/2" waste pipe	23	5%	24	lf	\$ 28.0	\$ 239.7	\$ 342.4	\$ 102.7	\$ 685
650	P100E,P101E	1/2" cold water pipe	1,480	5%	1,554	lf	\$ 12.0	\$ 6,527.8	\$ 9,325.4	\$ 2,797.6	\$ 18,651
651	P100E,P101E	1/2" hot water pipe	955	5%	1,003	lf	\$ 12.0	\$ 4,213.4	\$ 6,019.1	\$ 1,805.7	\$ 12,038
652	P100E,P101E	2" sanitary pipe	16	5%	17	lf	\$ 33.0	\$ 193.8	\$ 276.9	\$ 83.1	\$ 554
653	P100E,P101E	2" vent pipe	44	5%	46	lf	\$ 33.0	\$ 534.0	\$ 762.8	\$ 228.8	\$ 1,526
654	P100E,P101E	2" waste pipe	507	5%	532	lf	\$ 33.0	\$ 6,145.4	\$ 8,779.1	\$ 2,633.7	\$ 17,558

655	P100E,P101E	3" vent pipe	223	5%	234	lf	\$ 45.0	\$ 3,690.8	\$ 5,272.6	\$ 1,581.8	\$ 10,545
656	P100E,P101E	4" roof drain	3	0%	3	ea	\$ 450.0	\$ 472.5	\$ 675.0	\$ 202.5	\$ 1,350
657	P100E,P101E	4" storm pipe	68	5%	72	lf	\$ 55.0	\$ 1,381.5	\$ 1,973.6	\$ 592.1	\$ 3,947
658	P100E,P101E	4" waste pipe	152	5%	159	lf	\$ 55.0	\$ 3,068.3	\$ 4,383.2	\$ 1,315.0	\$ 8,766
659	P100E,P101E	5" storm pipe	22	5%	23	lf	\$ 65.0	\$ 534.6	\$ 763.7	\$ 229.1	\$ 1,527
660	P100E,P101E	5" vent pipe	108	5%	113	lf	\$ 65.0	\$ 2,573.2	\$ 3,675.9	\$ 1,102.8	\$ 7,352
661	P100E,P101E	Clean out	62	0%	62	ea	\$ 250.0	\$ 5,425.0	\$ 7,750.0	\$ 2,325.0	\$ 15,500
662	P099	1" gas pipe	125	5%	131	lf	\$ 22.0	\$ 1,010.6	\$ 1,443.8	\$ 433.1	\$ 2,888
663	P099	1/2" waste pipe	70	5%	74	lf	\$ 12.0	\$ 310.7	\$ 443.8	\$ 133.2	\$ 888
664	P099	2 1/2" vent pipe	113	5%	119	lf	\$ 28.0	\$ 1,164.3	\$ 1,663.3	\$ 499.0	\$ 3,327
665	P099	2 1/2" waste pipe	226	5%	238	lf	\$ 28.0	\$ 2,327.8	\$ 3,325.4	\$ 997.6	\$ 6,651
666	P099	2" gas pipe	144	5%	151	lf	\$ 33.0	\$ 1,746.2	\$ 2,494.6	\$ 748.4	\$ 4,989
667	P099	2" pump drain pipe	26	5%	27	lf	\$ 33.0	\$ 316.5	\$ 452.2	\$ 135.7	\$ 904
668	P099	2" waste pipe	119	5%	125	lf	\$ 33.0	\$ 1,438.1	\$ 2,054.4	\$ 616.3	\$ 4,109
669	P099	3" floor drain	5	0%	5	ea	\$ 45.0	\$ 78.8	\$ 112.5	\$ 33.8	\$ 225

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
670	P099	3" waste pipe	50	5%	53	lf	\$ 45.0	\$ 827.0	\$ 1,181.5	\$ 354.4	\$ 2,363	
671	P099	4" floor drain	9	0%	9	ea	\$ 450.0	\$ 1,417.5	\$ 2,025.0	\$ 607.5	\$ 4,050	
672	P099	4" sanitary pipe	1,333	5%	1,400	lf	\$ 55.0	\$ 26,946.5	\$ 38,495.0	\$ 11,548.5	\$ 76,990	

673	P099	4" waste pipe	51	5%	53	lf	\$ 55.0	\$ 1,027.0	\$ 1,467.1	\$ 440.1	\$ 2,934
674	P099	4" x 6" funnel drain	1	0%	1	ea	\$ 550.0	\$ 192.5	\$ 275.0	\$ 82.5	\$ 550
675	P099	5" sanitary pipe	11	5%	11	lf	\$ 65.0	\$ 252.3	\$ 360.4	\$ 108.1	\$ 721
676	P099	6" sanitary pipe	177	5%	185	lf	\$ 75.0	\$ 4,866.2	\$ 6,951.7	\$ 2,085.5	\$ 13,903
677	P099	Clean out	22	0%	22	ea	\$ 300.0	\$ 2,310.0	\$ 3,300.0	\$ 990.0	\$ 6,600
678	P099	Hose bib	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
		<b>Fixtures</b>									
679	P100E,P101E	Water closet	36	0%	36	ea	\$ 1,075.0	\$ 13,545.0	\$ 19,350.0	\$ 5,805.0	\$ 38,700
680	P100E,P101E	Sink	22	0%	22	ea	\$ 550.0	\$ 4,235.0	\$ 6,050.0	\$ 1,815.0	\$ 12,100
681	P100E,P101E	Lavatory	36	0%	36	ea	\$ 450.0	\$ 5,670.0	\$ 8,100.0	\$ 2,430.0	\$ 16,200
682	P100E,P101E	Electric cooking range	22	0%	22	ea	\$ 500.0	\$ 3,850.0	\$ 5,500.0	\$ 1,650.0	\$ 11,000
683	P100E,P101E	Dishwasher	22	0%	22	ea	\$ 500.0	\$ 3,850.0	\$ 5,500.0	\$ 1,650.0	\$ 11,000
684	P100E,P101E	Hot water Heater	22	0%	22	ea	\$ 1,800.0	\$ 13,860.0	\$ 19,800.0	\$ 5,940.0	\$ 39,600
685	P100E,P101E	Bath tub	36	0%	36	ea	\$ 1,200.0	\$ 15,120.0	\$ 21,600.0	\$ 6,480.0	\$ 43,200
		<b>Building F</b>									
686	P099	1" gas pipe	125	5%	131	lf	\$ 22.0	\$ 1,010.6	\$ 1,443.8	\$ 433.1	\$ 2,888
687	P099	1/2" waste pipe	70	5%	74	lf	\$ 12.0	\$ 310.7	\$ 443.8	\$ 133.2	\$ 888
688	P099	2 1/2" vent pipe	113	5%	119	lf	\$ 28.0	\$ 1,164.3	\$ 1,663.3	\$ 499.0	\$ 3,327
689	P099	2 1/2" waste pipe	226	5%	238	lf	\$ 28.0	\$ 2,327.8	\$ 3,325.4	\$ 997.6	\$ 6,651

690	P099	2" gas pipe	144	5%	151	lf	\$	33.0	\$	1,746.2	\$	2,494.6	\$	748.4	\$	4,989
691	P099	2" pump drain pipe	26	5%	27	lf	\$	33.0	\$	316.5	\$	452.2	\$	135.7	\$	904
692	P099,P100F,P101F	2" waste pipe	566	5%	594	lf	\$	33.0	\$	6,860.5	\$	9,800.8	\$	2,940.2	\$	19,602
693	P099	3" floor drain	5	0%	5	ea	\$	350.0	\$	612.5	\$	875.0	\$	262.5	\$	1,750
694	P099	3" waste pipe	50	5%	53	lf	\$	45.0	\$	827.0	\$	1,181.5	\$	354.4	\$	2,363
695	P099	4" floor drain	9	0%	9	ea	\$	450.0	\$	1,417.5	\$	2,025.0	\$	607.5	\$	4,050
696	P099,P100F,P101F	4" sanitary pipe	1,269	5%	1,333	lf	\$	55.0	\$	25,652.9	\$	36,647.0	\$	10,994.1	\$	73,294
697	P099	4" waste pipe	94	5%	99	lf	\$	55.0	\$	1,900.8	\$	2,715.4	\$	814.6	\$	5,431
698	P099	4" x 6" funnel drain	1	0%	1	ea	\$	550.0	\$	192.5	\$	275.0	\$	82.5	\$	550
699	P099,P100F,P101F	5" sanitary pipe	22	5%	23	lf	\$	65.0	\$	525.5	\$	750.8	\$	225.2	\$	1,502
700	P099	6" sanitary pipe	177	5%	185	lf	\$	75.0	\$	4,866.2	\$	6,951.7	\$	2,085.5	\$	13,903
701	P099,P100F,P101F	Clean out	46	0%	46	ea	\$	250.0	\$	4,025.0	\$	5,750.0	\$	1,725.0	\$	11,500
702	P099	Hose bib	2	0%	2	ea	\$	200.0	\$	140.0	\$	200.0	\$	60.0	\$	400
703	P100F,P101F	1/2" cold water pipe	1,299	5%	1,364	lf	\$	12.0	\$	5,729.3	\$	8,184.7	\$	2,455.4	\$	16,369
704	P100F,P101F	1/2" hot water pipe	763	5%	801	lf	\$	12.0	\$	3,365.4	\$	4,807.7	\$	1,442.3	\$	9,615
705	P100F,P101F	3" sanitary pipe	61	5%	65	lf	\$	45.0	\$	1,016.1	\$	1,451.5	\$	435.5	\$	2,903
706	P100F,P101F	3" Vent pipe	368	5%	386	lf	\$	45.0	\$	6,081.3	\$	8,687.6	\$	2,606.3	\$	17,375
707	P100F,P101F	4" roof drain	6	0%	6	ea	\$	450.0	\$	945.0	\$	1,350.0	\$	405.0	\$	2,700
708	P100F,P101F	4" sanitary pipe	215	5%	226	lf	\$	55.0	\$	4,351.8	\$	6,216.8	\$	1,865.0	\$	12,434

709	P100F,P101F	4" vent pipe	171	5%	180	lf	\$ 55.0	\$ 3,462.6	\$ 4,946.6	\$ 1,484.0	\$ 9,893
		<b>Fixtures</b>									
710	P100F,P101F	Water closet	30	0%	30	ea	\$ 1,075.0	\$ 11,287.5	\$ 16,125.0	\$ 4,837.5	\$ 32,250
711	P100F,P101F	Sink	15	0%	15	ea	\$ 1,075.0	\$ 5,643.8	\$ 8,062.5	\$ 2,418.8	\$ 16,125

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
712	P100F,P101F	Lavatory	30	0%	30	ea	\$ 450.0	\$ 4,725.0	\$ 6,750.0	\$ 2,025.0	\$ 13,500	
713	P100F,P101F	Electric cooking range	15	0%	15	ea	\$ 500.0	\$ 2,625.0	\$ 3,750.0	\$ 1,125.0	\$ 7,500	
714	P100F,P101F	Dishwasher	15	0%	15	ea	\$ 500.0	\$ 2,625.0	\$ 3,750.0	\$ 1,125.0	\$ 7,500	
715	P100F,P101F	Hot water Heater	15	0%	15	ea	\$ 1,800.0	\$ 9,450.0	\$ 13,500.0	\$ 4,050.0	\$ 27,000	
		<b>HVAC</b>										\$ 5,243,997
		<b>Garage</b>										
716	M099 TO M100	5" over drain flue	446	5%	468	lf	\$ 65.0	\$ 10,653.8	\$ 15,219.8	\$ 4,565.9	\$ 30,440	
717	M099 TO M100	6" Fire pipe line	5	5%	5	lf	\$ 75.0	\$ 137.8	\$ 196.9	\$ 59.1	\$ 394	
718	M099 TO M100	6" Sewer line pipe	5	5%	5	lf	\$ 75.0	\$ 137.8	\$ 196.9	\$ 59.1	\$ 394	
719	M099 TO M100	6" Water pipe line	15	5%	16	lf	\$ 75.0	\$ 413.4	\$ 590.6	\$ 177.2	\$ 1,181	
720	M099 TO M100	8" Fire pipe line	7	5%	7	lf	\$ 90.0	\$ 231.5	\$ 330.8	\$ 99.2	\$ 662	
721	M099 TO M100	8" Over drain flue	232	5%	244	lf	\$ 90.0	\$ 7,673.4	\$ 10,962.0	\$ 3,288.6	\$ 21,924	
722	M099 TO M100	8" Sewer pipe line	14	5%	15	lf	\$ 90.0	\$ 463.1	\$ 661.5	\$ 198.5	\$ 1,323	
723	M099 TO M100	12" Over drain flue	38	5%	40	lf	\$ 110.0	\$ 1,536.2	\$ 2,194.5	\$ 658.4	\$ 4,389	



724	M099 TO M100	14" Over drain flue	214	5%	225	lf	\$ 130.0	\$ 10,223.9	\$ 14,605.5	\$ 4,381.7	\$ 29,211
725	M099 TO M100	Backdraft damper	26	0%	26	ea	\$ 450.0	\$ 4,095.0	\$ 5,850.0	\$ 1,755.0	\$ 11,700
726	M099 TO M100	Gas unit heater 120 v	17	0%	17	ea	\$ 1,800.0	\$ 10,710.0	\$ 15,300.0	\$ 4,590.0	\$ 30,600
727	M099 TO M100	GSF-N-4 208V	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200
728	M099 TO M100	Heating ventilating & air conditioning unit	1	0%	1	ea	\$ 12,000.0	\$ 4,200.0	\$ 6,000.0	\$ 1,800.0	\$ 12,000
	M099 TO M100	<b>Duct</b>									
729	M099 TO M100	6x4 duct	36	5%	38	lf	\$ 12.0	\$ 158.8	\$ 226.8	\$ 68.0	\$ 454
730	M099 TO M100	12x8 duct	11	5%	12	lf	\$ 24.0	\$ 97.0	\$ 138.6	\$ 41.6	\$ 277
731	M099 TO M100	46x46 duct	31	5%	33	lf	\$ 92.0	\$ 1,048.1	\$ 1,497.3	\$ 449.2	\$ 2,995
	M099 TO M100	<b>Supply device</b>									
732	M099 TO M100	Supply diffuser 215 CFM	1	0%	1	ea	\$ 430.0	\$ 150.5	\$ 215.0	\$ 64.5	\$ 430
		<b>Building A</b>									
		<b>Duct</b>									
733	M101A TO 104A	4" Round rigid air duct	2,300	5%	2,415	lf	\$ 8.0	\$ 6,762.0	\$ 9,660.0	\$ 2,898.0	\$ 19,320
734	M101A TO 104A	4" Telecom	10	5%	11	lf	\$ 8.0	\$ 29.4	\$ 42.0	\$ 12.6	\$ 84
735	M101A TO 104A	6" Round rigid air duct	353	5%	371	lf	\$ 12.0	\$ 1,556.7	\$ 2,223.9	\$ 667.2	\$ 4,448
736	M101A TO 104A	6x6 duct	23	5%	24	lf	\$ 12.0	\$ 101.4	\$ 144.9	\$ 43.5	\$ 290
737	M101A TO 104A	8" Round duct	153	5%	161	lf	\$ 12.0	\$ 674.7	\$ 963.9	\$ 289.2	\$ 1,928
738	M101A TO 104A	8x8 duct	14	5%	15	lf	\$ 16.0	\$ 82.3	\$ 117.6	\$ 35.3	\$ 235

739	M101A TO 104A	8X8 duct	5	5%	5	lf	\$ 16.0	\$ 29.4	\$ 42.0	\$ 12.6	\$ 84
740	M101A TO 104A	10x4 duct	37	5%	39	lf	\$ 20.0	\$ 272.0	\$ 388.5	\$ 116.6	\$ 777
741	M101A TO 104A	10x10 duct	17	5%	18	lf	\$ 20.0	\$ 125.0	\$ 178.5	\$ 53.6	\$ 357
742	M101A TO 104A	12x4 duct	5	5%	5	lf	\$ 24.0	\$ 44.1	\$ 63.0	\$ 18.9	\$ 126
743	M101A TO 104A	12x8 duct	95	5%	100	lf	\$ 24.0	\$ 837.9	\$ 1,197.0	\$ 359.1	\$ 2,394
744	M101A TO 104A	12x10 duct	25	5%	26	lf	\$ 24.0	\$ 220.5	\$ 315.0	\$ 94.5	\$ 630
745	M101A TO 104A	12x12 duct	6	5%	6	lf	\$ 24.0	\$ 52.9	\$ 75.6	\$ 22.7	\$ 151
746	M101A TO 104A	14x6 duct	9	5%	9	lf	\$ 28.0	\$ 92.6	\$ 132.3	\$ 39.7	\$ 265
747	M101A TO 104A	14x12 duct	40	5%	42	lf	\$ 28.0	\$ 411.6	\$ 588.0	\$ 176.4	\$ 1,176
748	M101A TO 104A	14X8 duct	12	5%	13	lf	\$ 28.0	\$ 123.5	\$ 176.4	\$ 52.9	\$ 353
749	M101A TO 104A	16x4 duct	18	5%	19	lf	\$ 32.0	\$ 211.7	\$ 302.4	\$ 90.7	\$ 605
750	M101A TO 104A	16x8 duct	8	5%	8	lf	\$ 32.0	\$ 94.1	\$ 134.4	\$ 40.3	\$ 269

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
751	M101A TO 104A	16x10 duct	23	5%	24	lf	\$ 32.0	\$ 270.5	\$ 386.4	\$ 115.9	\$ 773	
752	M101A TO 104A	18x4 duct	36	5%	38	lf	\$ 36.0	\$ 476.3	\$ 680.4	\$ 204.1	\$ 1,361	
753	M101A TO 104A	18x8 duct	57	5%	60	lf	\$ 36.0	\$ 754.1	\$ 1,077.3	\$ 323.2	\$ 2,155	
754	M101A TO 104A	18x10 duct	39	5%	41	lf	\$ 36.0	\$ 516.0	\$ 737.1	\$ 221.1	\$ 1,474	
755	M101A TO 104A	18x12 duct	21	5%	22	lf	\$ 36.0	\$ 277.8	\$ 396.9	\$ 119.1	\$ 794	
756	M101A TO 104A	20x4 duct	17	5%	18	lf	\$ 40.0	\$ 249.9	\$ 357.0	\$ 107.1	\$ 714	

757	M101A TO 104A	20x10 duct	8	5%	8	lf	\$ 40.0	\$ 117.6	\$ 168.0	\$ 50.4	\$ 336
758	M101A TO 104A	22x8 duct	19	5%	20	lf	\$ 44.0	\$ 307.2	\$ 438.9	\$ 131.7	\$ 878
759	M101A TO 104A	22x10 duct	75	5%	79	lf	\$ 44.0	\$ 1,212.8	\$ 1,732.5	\$ 519.8	\$ 3,465
760	M101A TO 104A	22x12 duct	10	5%	11	lf	\$ 44.0	\$ 161.7	\$ 231.0	\$ 69.3	\$ 462
761	M101A TO 104A	22x16 duct	7	5%	7	lf	\$ 44.0	\$ 113.2	\$ 161.7	\$ 48.5	\$ 323
762	M101A TO 104A	22x18 duct	16	5%	17	lf	\$ 44.0	\$ 258.7	\$ 369.6	\$ 110.9	\$ 739
763	M101A TO 104A	22x24 duct	26	5%	27	lf	\$ 44.0	\$ 420.4	\$ 600.6	\$ 180.2	\$ 1,201
764	M101A TO 104A	22x40 duct	31	5%	33	lf	\$ 44.0	\$ 501.3	\$ 716.1	\$ 214.8	\$ 1,432
765	M101A TO 104A	24x4 duct	47	5%	49	lf	\$ 48.0	\$ 829.1	\$ 1,184.4	\$ 355.3	\$ 2,369
766	M101A TO 104A	24x8 duct	26	5%	27	lf	\$ 48.0	\$ 458.6	\$ 655.2	\$ 196.6	\$ 1,310
767	M101A TO 104A	24x10 duct	55	5%	58	lf	\$ 48.0	\$ 970.2	\$ 1,386.0	\$ 415.8	\$ 2,772
768	M101A TO 104A	24x22 duct	15	5%	16	lf	\$ 48.0	\$ 264.6	\$ 378.0	\$ 113.4	\$ 756
769	M101A TO 104A	26x12 duct	23	5%	24	lf	\$ 52.0	\$ 439.5	\$ 627.9	\$ 188.4	\$ 1,256
770	M101A TO 104A	26x16 duct	16	5%	17	lf	\$ 52.0	\$ 305.8	\$ 436.8	\$ 131.0	\$ 874
771	M101A TO 104A	28x8 duct	39	5%	41	lf	\$ 56.0	\$ 802.6	\$ 1,146.6	\$ 344.0	\$ 2,293
772	M101A TO 104A	28x10 duct	14	5%	15	lf	\$ 56.0	\$ 288.1	\$ 411.6	\$ 123.5	\$ 823
773	M101A TO 104A	28x12 duct	23	5%	24	lf	\$ 56.0	\$ 473.3	\$ 676.2	\$ 202.9	\$ 1,352
774	M101A TO 104A	32x12 duct	18	5%	19	lf	\$ 64.0	\$ 423.4	\$ 604.8	\$ 181.4	\$ 1,210
775	M101A TO 104A	32x16 duct	87	5%	91	lf	\$ 64.0	\$ 2,046.2	\$ 2,923.2	\$ 877.0	\$ 5,846

776	M101A TO 104A	36x16 duct	40	5%	42	lf	\$ 72.0	\$ 1,058.4	\$ 1,512.0	\$ 453.6	\$ 3,024
777	M101A TO 104A	36x18 duct	16	5%	17	lf	\$ 72.0	\$ 423.4	\$ 604.8	\$ 181.4	\$ 1,210
778	M101A TO 104A	50x12 duct	31	5%	33	lf	\$ 100.0	\$ 1,139.3	\$ 1,627.5	\$ 488.3	\$ 3,255
779	M101A TO 104A	50x22 duct	19	5%	20	lf	\$ 100.0	\$ 698.3	\$ 997.5	\$ 299.3	\$ 1,995
		<b>Supply device</b>									
780	M101A TO 104A	6x4 Supply diffuser 60 CFM	2	0%	2	ea	\$ 120.0	\$ 84.0	\$ 120.0	\$ 36.0	\$ 240
781	M101A TO 104A	8x8 Supply diffuser 230 CFM	4	0%	4	ea	\$ 460.0	\$ 644.0	\$ 920.0	\$ 276.0	\$ 1,840
782	M101A TO 104A	10x10 Air return 430 CFM	1	0%	1	ea	\$ 860.0	\$ 301.0	\$ 430.0	\$ 129.0	\$ 860
783	M101A TO 104A	12x8 Supply diffuser 400 CFM	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
784	M101A TO 104A	12x10 Supply diffuser 490 CFM	1	0%	1	ea	\$ 980.0	\$ 343.0	\$ 490.0	\$ 147.0	\$ 980
785	M101A TO 104A	12x10 Supply diffuser 550 CFM	4	0%	4	ea	\$ 1,100.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400
786	M101A TO 104A	12x12 Supply diffuser 680 CFM	1	0%	1	ea	\$ 1,360.0	\$ 476.0	\$ 680.0	\$ 204.0	\$ 1,360
787	M101A TO 104A	12x14 Supply diffuser 800 CFM	1	0%	1	ea	\$ 1,600.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600
788	M101A TO 104A	14x8 Supply diffuser 490 CFM	3	0%	3	ea	\$ 980.0	\$ 1,029.0	\$ 1,470.0	\$ 441.0	\$ 2,940
789	M101A TO 104A	14x12 Return grill 800 CFM	1	0%	1	ea	\$ 1,600.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600
790	M101A TO 104A	18x4 Return grill 240 CFM	1	0%	1	ea	\$ 480.0	\$ 168.0	\$ 240.0	\$ 72.0	\$ 480
791	M101A TO 104A	18x4 Supply diffuser 240 CFM	1	0%	1	ea	\$ 480.0	\$ 168.0	\$ 240.0	\$ 72.0	\$ 480
792	M101A TO 104A	18x6 Supply diffuser 430 CFM	3	0%	3	ea	\$ 860.0	\$ 903.0	\$ 1,290.0	\$ 387.0	\$ 2,580
793	M101A TO 104A	18x6 Supply diffuser 670 CFM	1	0%	1	ea	\$ 1,340.0	\$ 469.0	\$ 670.0	\$ 201.0	\$ 1,340

794	M101A TO 104A	18x8 Supply diffuser 680 CFM	5	0%	5	ea	\$ 1,360.0	\$ 2,380.0	\$ 3,400.0	\$ 1,020.0	\$ 6,800
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ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
795	M101A TO 104A	18x12 Supply diffuser 1100 CFM	1	0%	1	ea	\$ 2,200.0	\$ 770.0	\$ 1,100.0	\$ 330.0	\$ 2,200	
796	M101A TO 104A	20x4 Supply diffuser 270 CFM	1	0%	1	ea	\$ 540.0	\$ 189.0	\$ 270.0	\$ 81.0	\$ 540	
797	M101A TO 104A	22x8 Supply diffuser	1	0%	1	ea	\$ 1,800.0	\$ 630.0	\$ 900.0	\$ 270.0	\$ 1,800	
798	M101A TO 104A	22x10 Supply diffuser 1200 CFM	1	0%	1	ea	\$ 2,400.0	\$ 840.0	\$ 1,200.0	\$ 360.0	\$ 2,400	
799	M101A TO 104A	24x4 Supply diffuser 210 CFM	1	0%	1	ea	\$ 420.0	\$ 147.0	\$ 210.0	\$ 63.0	\$ 420	
800	M101A TO 104A	24x10 Supply diffuser 1320 CFM	1	0%	1	ea	\$ 2,640.0	\$ 924.0	\$ 1,320.0	\$ 396.0	\$ 2,640	
801	M101A TO 104A	24x10 Supply diffuser	3	0%	3	ea	\$ 2,600.0	\$ 2,730.0	\$ 3,900.0	\$ 1,170.0	\$ 7,800	
802	M101A TO 104A	24X22 Return grill 2800 CFM	2	0%	2	ea	\$ 5,600.0	\$ 3,920.0	\$ 5,600.0	\$ 1,680.0	\$ 11,200	
803	M101A TO 104A	26x12 Supply diffuser 1750 CFM	3	0%	3	ea	\$ 3,500.0	\$ 3,675.0	\$ 5,250.0	\$ 1,575.0	\$ 10,500	
804	M101A TO 104A	28x10 Supply diffuser 1100 CFM	1	0%	1	ea	\$ 2,200.0	\$ 770.0	\$ 1,100.0	\$ 330.0	\$ 2,200	
805	M101A TO 104A	28x12 Supply diffuser 1950 CFM	2	0%	2	ea	\$ 3,900.0	\$ 2,730.0	\$ 3,900.0	\$ 1,170.0	\$ 7,800	
806	M101A TO 104A	28x22 Supply diffuser 3500 CFM	1	0%	1	ea	\$ 7,000.0	\$ 2,450.0	\$ 3,500.0	\$ 1,050.0	\$ 7,000	
807	M101A TO 104A	30x12 Supply diffuser 2150 CFM	2	0%	2	ea	\$ 4,300.0	\$ 3,010.0	\$ 4,300.0	\$ 1,290.0	\$ 8,600	
808	M101A TO 104A	32x14 Supply duffisuer 2800 CFM	1	0%	1	ea	\$ 5,600.0	\$ 1,960.0	\$ 2,800.0	\$ 840.0	\$ 5,600	
809	M101A TO 104A	32x16 Supply diffuser 3300 CFM	4	0%	4	ea	\$ 6,600.0	\$ 9,240.0	\$ 13,200.0	\$ 3,960.0	\$ 26,400	
810	M101A TO 104A	36x12 Supply diffuser 2600 CFM	2	0%	2	ea	\$ 5,200.0	\$ 3,640.0	\$ 5,200.0	\$ 1,560.0	\$ 10,400	
811	M101A TO 104A	36X16 Supply diffuser 3600 CFM	4	0%	4	ea	\$ 7,200.0	\$ 10,080.0	\$ 14,400.0	\$ 4,320.0	\$ 28,800	

812	M101A TO 104A	48x8 Supply diffuser 1100 CFM	1	0%	1	ea	\$ 2,200.0	\$ 770.0	\$ 1,100.0	\$ 330.0	\$ 2,200
813	M101A TO 104A	48x12 Return grill 3500 CFM	2	0%	2	ea	\$ 7,000.0	\$ 4,900.0	\$ 7,000.0	\$ 2,100.0	\$ 14,000
814	M101A TO 104A	50x12 Return grill 3650 CFM	3	0%	3	ea	\$ 7,300.0	\$ 7,665.0	\$ 10,950.0	\$ 3,285.0	\$ 21,900
815	M101A TO 104A	50x12 Supply diffuser 3650 Cfm	2	0%	2	ea	\$ 7,300.0	\$ 5,110.0	\$ 7,300.0	\$ 2,190.0	\$ 14,600
816	M101A TO 104A	52x28 Return grill	1	0%	1	ea	\$ 5,400.0	\$ 1,890.0	\$ 2,700.0	\$ 810.0	\$ 5,400
817	M101A TO 104A	Air take louver 500 CFM	1	0%	1	ea	\$ 1,000.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
818	M101A TO 104A	Ceiling return register with fire damper	26	0%	26	ea	\$ 900.0	\$ 8,190.0	\$ 11,700.0	\$ 3,510.0	\$ 23,400
819	M101A TO 104A	Ceiling return register with fire damper	26	0%	26	ea	\$ 900.0	\$ 8,190.0	\$ 11,700.0	\$ 3,510.0	\$ 23,400
820	M101A TO 104A	Condenser exhaust	2	0%	2	ea	\$ 650.0	\$ 455.0	\$ 650.0	\$ 195.0	\$ 1,300
821	M101A TO 104A	Condenser intake	2	0%	2	ea	\$ 500.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
822	M101A TO 104A	Liner diffuser 210 CFM	1	0%	1	ea	\$ 420.0	\$ 147.0	\$ 210.0	\$ 63.0	\$ 420
823	M101A TO 104A	Liner diffuser 240 CFM	7	0%	7	ea	\$ 480.0	\$ 1,176.0	\$ 1,680.0	\$ 504.0	\$ 3,360
824	M101A TO 104A	Liner diffuser 250 CFM	2	0%	2	ea	\$ 500.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
825	M101A TO 104A	Liner diffuser 360 CFM	9	0%	9	ea	\$ 720.0	\$ 2,268.0	\$ 3,240.0	\$ 972.0	\$ 6,480
826	M101A TO 104A	Liner diffuser 400 CFM	4	0%	4	ea	\$ 800.0	\$ 1,120.0	\$ 1,600.0	\$ 480.0	\$ 3,200
827	M101A TO 104A	Liner diffuser 500 CFM	1	0%	1	ea	\$ 1,000.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
828	M101A TO 104A	Liner diffuser 640 CFM	3	0%	3	ea	\$ 1,280.0	\$ 1,344.0	\$ 1,920.0	\$ 576.0	\$ 3,840
829	M101A TO 104A	Return grill 400 CFM	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
830	M101A TO 104A	Supply diffuser 400 CFM	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800

		Unit										
831	M101A TO 104A	1500 W electric baseboard heater	4	0%	4	ea	\$ 3,000.0	\$ 4,200.0	\$ 6,000.0	\$ 1,800.0	\$ 12,000	
832	M101A TO 104A	Ac heating unit 5 ton	1	0%	1	ea	\$ 12,000.0	\$ 4,200.0	\$ 6,000.0	\$ 1,800.0	\$ 12,000	
833	M101A TO 104A	Heating ventilating & air conditioning unit	5	0%	5	ea	\$ 18,000.0	\$ 31,500.0	\$ 45,000.0	\$ 13,500.0	\$ 90,000	
834	M101A TO 104A	Exhaust fan 3500 CFM	2	0%	2	ea	\$ 7,000.0	\$ 4,900.0	\$ 7,000.0	\$ 2,100.0	\$ 14,000	
835	M101A TO 104A	Exhaust fan 3600 CFM	66	0%	66	ea	\$ 7,200.0	\$ 166,320.0	\$ 237,600.0	\$ 71,280.0	\$ 475,200	
836	M101A TO 104A	Electric unit heater 350 CFM	4	0%	4	ea	\$ 700.0	\$ 980.0	\$ 1,400.0	\$ 420.0	\$ 2,800	
837	M101A TO 104A	Split ac unit 1 ton	170	0%	170	ea	\$ 4,500.0	\$ 267,750.0	\$ 382,500.0	\$ 114,750.0	\$ 765,000	
838	M101A TO 104A	Fire smoke damper	2	0%	2	ea	\$ 450.0	\$ 315.0	\$ 450.0	\$ 135.0	\$ 900	

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
839	M101A TO 104A	Fussible link damper	29	0%	29	ea	\$ 350.0	\$ 3,552.5	\$ 5,075.0	\$ 1,522.5	\$ 10,150	
		<b>Pipe</b>										
840	M101A TO 104A	Drain	3,444	5%	3,616	lf	\$ 18.0	\$ 22,782.1	\$ 32,545.8	\$ 9,763.7	\$ 65,092	
841	M101A TO 104A	Supply return power & interconnect	2,872	5%	3,016	lf	\$ 12.0	\$ 12,665.5	\$ 18,093.6	\$ 5,428.1	\$ 36,187	
		<b>Building B</b>										
		<b>Duct</b>										
842	M-100C,101C,102C	4" round flex	740	5%	777	lf	\$ 8.0	\$ 2,175.6	\$ 3,108.0	\$ 932.4	\$ 6,216	
843	M-100C,101C,102C	6" round rigid air duct	484	5%	508	lf	\$ 12.0	\$ 2,134.4	\$ 3,049.2	\$ 914.8	\$ 6,098	
844	M-100C,101C,102C	8"x8" duct	29	5%	30	lf	\$ 16.0	\$ 170.5	\$ 243.6	\$ 73.1	\$ 487	

845	M-100C,101C,102C	10"x4" duct	52	5%	55	lf	\$ 20.0	\$ 382.2	\$ 546.0	\$ 163.8	\$ 1,092
846	M-100C,101C,102C	18"x4" duct	6	5%	6	lf	\$ 36.0	\$ 79.4	\$ 113.4	\$ 34.0	\$ 227
847	M-100C,101C,102C	72"x34" duct	136	5%	143	lf	\$ 144.0	\$ 7,197.1	\$ 10,281.6	\$ 3,084.5	\$ 20,563
		<b>Pipe</b>									
848	M-100C,101C,102C	Drain pipe	2,193	5%	2,303	lf	\$ 18.0	\$ 14,506.7	\$ 20,723.9	\$ 6,217.2	\$ 41,448
849	M-100C,101C,102C	Supply,return,power&interconnect	1,759	5%	1,847	lf	\$ 12.0	\$ 7,757.2	\$ 11,081.7	\$ 3,324.5	\$ 22,163
		<b>Diffuser,grill,register</b>									
850	M-100C,101C,102C	12"x12" supply diffuser 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
851	M-100C,101C,102C	16"x12" return grill 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
852	M-100C,101C,102C	30"x12" supply diffuser 2150cfm	1	0%	1	ea	\$ 4,300.0	\$ 1,505.0	\$ 2,150.0	\$ 645.0	\$ 4,300
853	M-100C,101C,102C	8"x8" ceiling register 230cfm	3	0%	3	ea	\$ 460.0	\$ 483.0	\$ 690.0	\$ 207.0	\$ 1,380
854	M-100C,101C,102C	80"x40" wall register 28000cfm	1	0%	1	ea	\$ 56,000.0	\$ 19,600.0	\$ 28,000.0	\$ 8,400.0	\$ 56,000
855	M-100C,101C,102C	72"x34" wall register 24000cfm	2	0%	2	ea	\$ 48,000.0	\$ 33,600.0	\$ 48,000.0	\$ 14,400.0	\$ 96,000
856	M-100C,101C,102C	12"x12" wall register 550cfm	4	0%	4	ea	\$ 1,100.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400
857	M-100C,101C,102C	6"x6" ceiling register 110cfm	1	0%	1	ea	\$ 220.0	\$ 77.0	\$ 110.0	\$ 33.0	\$ 220
858	M-100C,101C,102C	14"x12" wall register 800cfm	1	0%	1	ea	\$ 1,600.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600
859	M-100C,101C,102C	6"x4" wall register 60cfm	5	0%	5	ea	\$ 120.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600
860	M-100C,101C,102C	18"x8" wall register 550cfm	4	0%	4	ea	\$ 1,100.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400
861	M-100C,101C,102C	38"x10" wall register 2200cfm	1	0%	1	ea	\$ 4,400.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400



		Units										
862	M-100C,101C,102C	Air conditioning unit 1 ton	1	0%	1	ea	\$ 4,500.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500	
863	M-100C,101C,102C	Air conditioning unit 10 ton	1	0%	1	ea	\$ 30,000.0	\$ 10,500.0	\$ 15,000.0	\$ 4,500.0	\$ 30,000	
864	M-100C,101C,102C	Electric base board heater 5118 btu	5	0%	5	ea	\$ 11,000.0	\$ 19,250.0	\$ 27,500.0	\$ 8,250.0	\$ 55,000	
865	M-100C,101C,102C	Electric unit heater 350cfm	7	0%	7	ea	\$ 750.0	\$ 1,837.5	\$ 2,625.0	\$ 787.5	\$ 5,250	
866	M-100C,101C,102C	Exhaust fan 2150cfm	1	0%	1	ea	\$ 4,300.0	\$ 1,505.0	\$ 2,150.0	\$ 645.0	\$ 4,300	
867	M-100C,101C,102C	Exhaust fan 30000 cfm	6	0%	6	ea	\$ 12,000.0	\$ 25,200.0	\$ 36,000.0	\$ 10,800.0	\$ 72,000	
868	M-100C,101C,102C	Splic ac unit 1 ton	89	0%	89	ea	\$ 4,500.0	\$ 140,175.0	\$ 200,250.0	\$ 60,075.0	\$ 400,500	
		<b>Building C</b>										
		<b>Duct</b>										
869	M-100C,101C,102C	4" round flex	740	5%	777	lf	\$ 88.0	\$ 23,931.6	\$ 34,188.0	\$ 10,256.4	\$ 68,376	
870	M-100C,101C,102C	6" round rigid air duct	484	5%	508	lf	\$ 12.0	\$ 2,134.4	\$ 3,049.2	\$ 914.8	\$ 6,098	
871	M-100C,101C,102C	8"x8" duct	29	5%	30	lf	\$ 16.0	\$ 170.5	\$ 243.6	\$ 73.1	\$ 487	
872	M-100C,101C,102C	10"x4" duct	52	5%	55	lf	\$ 20.0	\$ 382.2	\$ 546.0	\$ 163.8	\$ 1,092	
873	M-100C,101C,102C	18"x4" duct	6	5%	6	lf	\$ 36.0	\$ 79.4	\$ 113.4	\$ 34.0	\$ 227	
874	M-100C,101C,102C	72"x34" duct	136	5%	143	lf	\$ 144.0	\$ 7,197.1	\$ 10,281.6	\$ 3,084.5	\$ 20,563	
		<b>Pipe</b>										

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
875	M-100C,101C,102C	Drain pipe	2,193	5%	2,303	lf	\$ 18.0	\$ 14,506.7	\$ 20,723.9	\$ 6,217.2	\$ 41,448	

876	M-100C,101C,102C	Supply,return,power&interconnect	1,759	5%	1,847	lf	\$ 12.0	\$ 7,757.2	\$ 11,081.7	\$ 3,324.5	\$ 22,163
		<b>Diffuser,grill,register</b>									
877	M-100C,101C,102C	12"x12" supply diffuser 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
878	M-100C,101C,102C	16"x12" return grill 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
879	M-100C,101C,102C	30"x12" supply diffuser 2150cfm	1	0%	1	ea	\$ 4,300.0	\$ 1,505.0	\$ 2,150.0	\$ 645.0	\$ 4,300
880	M-100C,101C,102C	8"x8" ceiling register 230cfm	3	0%	3	ea	\$ 460.0	\$ 483.0	\$ 690.0	\$ 207.0	\$ 1,380
881	M-100C,101C,102C	80"x40" wall register 28000cfm	1	0%	1	ea	\$ 56,000.0	\$ 19,600.0	\$ 28,000.0	\$ 8,400.0	\$ 56,000
882	M-100C,101C,102C	72"x34" wall register 24000cfm	2	0%	2	ea	\$ 48,000.0	\$ 33,600.0	\$ 48,000.0	\$ 14,400.0	\$ 96,000
883	M-100C,101C,102C	12"x12" wall register 550cfm	4	0%	4	ea	\$ 1,100.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400
884	M-100C,101C,102C	6"x6" ceiling register 110cfm	1	0%	1	ea	\$ 220.0	\$ 77.0	\$ 110.0	\$ 33.0	\$ 220
885	M-100C,101C,102C	14"x12" wall register 800cfm	1	0%	1	ea	\$ 1,600.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600
886	M-100C,101C,102C	6"x4" wall register 60cfm	5	0%	5	ea	\$ 120.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600
887	M-100C,101C,102C	18"x8" wall register 550cfm	4	0%	4	ea	\$ 1,100.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400
888	M-100C,101C,102C	38"x10" wall register 2200cfm	1	0%	1	ea	\$ 4,400.0	\$ 1,540.0	\$ 2,200.0	\$ 660.0	\$ 4,400
		<b>Units</b>									
889	M-100C,101C,102C	Air conditioning unit 1 ton	1	0%	1	ea	\$ 4,500.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500
890	M-100C,101C,102C	Air conditioning unit 10 ton	1	0%	1	ea	\$ 30,000.0	\$ 10,500.0	\$ 15,000.0	\$ 4,500.0	\$ 30,000
891	M-100C,101C,102C	Electric base board heater 5118 btu	5	0%	5	ea	\$ 11,000.0	\$ 19,250.0	\$ 27,500.0	\$ 8,250.0	\$ 55,000
892	M-100C,101C,102C	Electric unit heater 350cfm	7	0%	7	ea	\$ 1,800.0	\$ 4,410.0	\$ 6,300.0	\$ 1,890.0	\$ 12,600

893	M-100C,101C,102C	Exhaust fan 2150cfm	1	0%	1	ea	\$ 3,000.0	\$ 1,050.0	\$ 1,500.0	\$ 450.0	\$ 3,000
894	M-100C,101C,102C	Exhaust fan 30000 cfm	6	0%	6	ea	\$ 12,000.0	\$ 25,200.0	\$ 36,000.0	\$ 10,800.0	\$ 72,000
895	M-100C,101C,102C	Splic ac unit 1 ton	89	0%	89	ea	\$ 4,500.0	\$ 140,175.0	\$ 200,250.0	\$ 60,075.0	\$ 400,500
		<b>Building D</b>									
		<b>Duct</b>									
896	M-100D,101D	4" round flex	240	5%	252	lf	\$ 8.0	\$ 705.6	\$ 1,008.0	\$ 302.4	\$ 2,016
897	M-100D,101D	6" round rigid air duct	161	5%	169	lf	\$ 12.0	\$ 710.0	\$ 1,014.3	\$ 304.3	\$ 2,029
898	M-100D,101D	6"x4" duct	3	5%	3	lf	\$ 12.0	\$ 13.2	\$ 18.9	\$ 5.7	\$ 38
899	M-100D,101D	8"x6" duct	14	5%	15	lf	\$ 16.0	\$ 82.3	\$ 117.6	\$ 35.3	\$ 235
900	M-100D,101D	12"x8" duct	14	5%	15	lf	\$ 24.0	\$ 123.5	\$ 176.4	\$ 52.9	\$ 353
		<b>Pipe</b>									
901	M-100D,101D	Drain pipe	836	5%	878	lf	\$ 18.0	\$ 5,530.1	\$ 7,900.2	\$ 2,370.1	\$ 15,800
902	M-100D,101D	Supply,return,power&interconnect	499	5%	524	lf	\$ 12.0	\$ 2,200.6	\$ 3,143.7	\$ 943.1	\$ 6,287
		<b>Diffuser,grill,register</b>									
903	M-100D,101D	12"x12" supply diffuser 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
904	M-100D,101D	38"x12" supply diffuser 2750 cfm	2	0%	2	ea	\$ 5,500.0	\$ 3,850.0	\$ 5,500.0	\$ 1,650.0	\$ 11,000
905	M-100D,101D	12"x12" supply grill 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
906	M-100D,101D	16"x12" return grill 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
907	M-100D,101D	6"x4" wall register 60cfm	1	0%	1	ea	\$ 120.0	\$ 42.0	\$ 60.0	\$ 18.0	\$ 120

908	M-100D,101D	12"x6" ceiling register 270cfm	1	0%	1	ea	\$ 540.0	\$ 189.0	\$ 270.0	\$ 81.0	\$ 540
909	M-100D,101D	10"x10" wall register 430cfm	4	0%	4	ea	\$ 860.0	\$ 1,204.0	\$ 1,720.0	\$ 516.0	\$ 3,440
910	M-100D,101D	12"x10" wall register 540cfm	1	0%	1	ea	\$ 1,080.0	\$ 378.0	\$ 540.0	\$ 162.0	\$ 1,080
911	M-100D,101D	32"x10" wall register 1800cfm	1	0%	1	ea	\$ 3,600.0	\$ 1,260.0	\$ 1,800.0	\$ 540.0	\$ 3,600
912	M-100D,101D	14"x8" wall register 430cfm	4	0%	4	ea	\$ 860.0	\$ 1,204.0	\$ 1,720.0	\$ 516.0	\$ 3,440
		<b>Unit</b>									

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
913	M-100D,101D	Exhaust fan 17500cfm	2	0%	2	ea	\$ 35,000.0	\$ 24,500.0	\$ 35,000.0	\$ 10,500.0	\$ 70,000	
914	M-100D,101D	Exhaust fan 930cfm	1	0%	1	ea	\$ 1,860.0	\$ 651.0	\$ 930.0	\$ 279.0	\$ 1,860	
915	M-100D,101D	Electric unit heater 350cfm	4	0%	4	ea	\$ 700.0	\$ 980.0	\$ 1,400.0	\$ 420.0	\$ 2,800	
916	M-100D,101D	Electric baseboard heater 5118 btu	2	0%	2	ea	\$ 11,000.0	\$ 7,700.0	\$ 11,000.0	\$ 3,300.0	\$ 22,000	
917	M-100D,101D	Air handling unit 1 ton	1	0%	1	ea	\$ 4,500.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500	
918	M-100D,101D	Air handling unit 7.5 ton	1	0%	1	ea	\$ 22,500.0	\$ 7,875.0	\$ 11,250.0	\$ 3,375.0	\$ 22,500	
919	M-100D,101D	Split ac units 1 ton	60	0%	60	ea	\$ 4,500.0	\$ 94,500.0	\$ 135,000.0	\$ 40,500.0	\$ 270,000	
		<b>Building E</b>										
		<b>Duct</b>										
920	M-100E,101E	4" round flex	587	5%	616	lf	\$ 8.0	\$ 1,725.8	\$ 2,465.4	\$ 739.6	\$ 4,931	
921	M-100E,101E	6" round rigid air duct	359	5%	377	lf	\$ 12.0	\$ 1,583.2	\$ 2,261.7	\$ 678.5	\$ 4,523	
922	M-100E,101E	6"x4" duct	16	5%	17	lf	\$ 12.0	\$ 70.6	\$ 100.8	\$ 30.2	\$ 202	

923	M-100E,101E	8"x6" duct	38	5%	40	lf	\$ 16.0	\$ 223.4	\$ 319.2	\$ 95.8	\$ 638
924	M-100E,101E	12"x8" duct	28	5%	29	lf	\$ 24.0	\$ 247.0	\$ 352.8	\$ 105.8	\$ 706
		<b>Drain pipe</b>									
925	M-100E,101E	Drain pipe	1,864	5%	1,957	lf	\$ 18.0	\$ 12,330.4	\$ 17,614.8	\$ 5,284.4	\$ 35,230
926	M-100E,101E	Supply,return,power&interconnect	1,283	5%	1,347	lf	\$ 12.0	\$ 5,658.0	\$ 8,082.9	\$ 2,424.9	\$ 16,166
		<b>Diffuser,grill,register</b>									
927	M-100E,101E	12"x12" supply grill 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
928	M-100E,101E	16"x12" return grill 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
929	M-100E,101E	6"x4" wall register 60cfm	1	0%	1	ea	\$ 120.0	\$ 42.0	\$ 60.0	\$ 18.0	\$ 120
930	M-100E,101E	12"x6" ceiling register 270cfm	1	0%	1	ea	\$ 540.0	\$ 189.0	\$ 270.0	\$ 81.0	\$ 540
931	M-100E,101E	10"x10" wall register 430cfm	4	0%	4	ea	\$ 860.0	\$ 1,204.0	\$ 1,720.0	\$ 516.0	\$ 3,440
932	M-100E,101E	12"x12" wall register 680cfm	1	0%	1	ea	\$ 1,360.0	\$ 476.0	\$ 680.0	\$ 204.0	\$ 1,360
933	M-100E,101E	32"x10" wall register 1800cfm	1	0%	1	ea	\$ 3,600.0	\$ 1,260.0	\$ 1,800.0	\$ 540.0	\$ 3,600
934	M-100E,101E	14"x8" wall register 430cfm	4	0%	4	ea	\$ 860.0	\$ 1,204.0	\$ 1,720.0	\$ 516.0	\$ 3,440
		<b>Unit</b>									
935	M-100E,101E	Air handling unit 1 ton	1	0%	1	ea	\$ 4,500.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500
936	M-100E,101E	Air handling unit 7.5 ton	1	0%	1	ea	\$ 22,500.0	\$ 7,875.0	\$ 11,250.0	\$ 3,375.0	\$ 22,500
937	M-100E,101E	Split ac units 1 ton	82	0%	82	ea	\$ 4,500.0	\$ 129,150.0	\$ 184,500.0	\$ 55,350.0	\$ 369,000
938	M-100E,101E	Electric baseboard heater 5118 btu	2	0%	2	ea	\$ 11,000.0	\$ 7,700.0	\$ 11,000.0	\$ 3,300.0	\$ 22,000

939	M-100E,101E	Electric unit heater 350cfm	4	0%	4	ea	\$ 700.0	\$ 980.0	\$ 1,400.0	\$ 420.0	\$ 2,800
940	M-100E,101E	Exhaust fan 675cfm	1	0%	1	ea	\$ 1,350.0	\$ 472.5	\$ 675.0	\$ 202.5	\$ 1,350
941	M-100E,101E	Exhaust fan 17500cfm	2	0%	2	ea	\$ 35,000.0	\$ 24,500.0	\$ 35,000.0	\$ 10,500.0	\$ 70,000
		<b>Building F</b>									
		<b>Duct</b>									
942	M-100F,101F	4" round flex	405	5%	425	lf	\$ 8.0	\$ 1,190.7	\$ 1,701.0	\$ 510.3	\$ 3,402
943	M-100F,101F	6" round rigid air duct	58	5%	61	lf	\$ 12.0	\$ 255.8	\$ 365.4	\$ 109.6	\$ 731
944	M-100F,101F	10"x4" duct	36	5%	38	lf	\$ 20.0	\$ 264.6	\$ 378.0	\$ 113.4	\$ 756
945	M-100F,101F	12"x8" duct	48	5%	50	lf	\$ 24.0	\$ 423.4	\$ 604.8	\$ 181.4	\$ 1,210
946	M-100F,101F	12"x12" duct	4	5%	4	lf	\$ 24.0	\$ 35.3	\$ 50.4	\$ 15.1	\$ 101
947	M-100F,101F	14"x8" duct	9	5%	9	lf	\$ 28.0	\$ 92.6	\$ 132.3	\$ 39.7	\$ 265
948	M-100F,101F	18"x8" duct	15	5%	16	lf	\$ 36.0	\$ 198.5	\$ 283.5	\$ 85.1	\$ 567
949	M-100F,101F	20"x8" duct	16	5%	17	lf	\$ 40.0	\$ 235.2	\$ 336.0	\$ 100.8	\$ 672
950	M-100F,101F	26"x12" duct	34	5%	36	lf	\$ 52.0	\$ 649.7	\$ 928.2	\$ 278.5	\$ 1,856

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
951	M-100F,101F	60"x30" duct	22	5%	23	lf	\$ 120.0	\$ 970.2	\$ 1,386.0	\$ 415.8	\$ 2,772	
		<b>Drain pipe</b>										
952	M-100F,101F	Drain pipe	1,280	5%	1,344	lf	\$ 18.0	\$ 8,467.2	\$ 12,096.0	\$ 3,628.8	\$ 24,192	
953	M-100F,101F	Supply,return,power&interconnect	949	5%	996	lf	\$ 12.0	\$ 4,185.1	\$ 5,978.7	\$ 1,793.6	\$ 11,957	

		Supply,return,diffuser										
954	M-100F,101F	22"x8" return diffuser 800cfm	1	0%	1	ea	\$ 1,600.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600	
955	M-100F,101F	32"x16" supply duct 3300cfm	1	0%	1	ea	\$ 6,600.0	\$ 2,310.0	\$ 3,300.0	\$ 990.0	\$ 6,600	
956	M-100F,101F	6"x4" wall register 50cfm	1	0%	1	ea	\$ 100.0	\$ 35.0	\$ 50.0	\$ 15.0	\$ 100	
957	M-100F,101F	6"x4" wall register 60cfm	4	0%	4	ea	\$ 120.0	\$ 168.0	\$ 240.0	\$ 72.0	\$ 480	
958	M-100F,101F	10"x6" ceiling register 270cfm	2	0%	2	ea	\$ 540.0	\$ 378.0	\$ 540.0	\$ 162.0	\$ 1,080	
959	M-100F,101F	10"x6" wall register 270cfm	1	0%	1	ea	\$ 540.0	\$ 189.0	\$ 270.0	\$ 81.0	\$ 540	
960	M-100F,101F	12"x8" ceiling register 400cfm	1	0%	1	ea	\$ 800.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800	
961	M-100F,101F	14"x8" wall register 490 cfm	2	0%	2	ea	\$ 980.0	\$ 686.0	\$ 980.0	\$ 294.0	\$ 1,960	
962	M-100F,101F	18"x6" wall register 430cfm	1	0%	1	ea	\$ 860.0	\$ 301.0	\$ 430.0	\$ 129.0	\$ 860	
963	M-100F,101F	14"x14" ceiling register 930cfm	1	0%	1	ea	\$ 1,860.0	\$ 651.0	\$ 930.0	\$ 279.0	\$ 1,860	
964	M-100F,101F	14"x12" wall register 800cfm	2	0%	2	ea	\$ 1,600.0	\$ 1,120.0	\$ 1,600.0	\$ 480.0	\$ 3,200	
965	M-100F,101F	16"x16" wall register 1230cfm	1	0%	1	ea	\$ 2,460.0	\$ 861.0	\$ 1,230.0	\$ 369.0	\$ 2,460	
966	M-100F,101F	22"x8" wall register 800 cfm	2	0%	2	ea	\$ 1,600.0	\$ 1,120.0	\$ 1,600.0	\$ 480.0	\$ 3,200	
967	M-100F,101F	26"x12" wall register 1750cfm	1	0%	1	ea	\$ 3,500.0	\$ 1,225.0	\$ 1,750.0	\$ 525.0	\$ 3,500	
968	M-100F,101F	12"x12" supply grill 400cfm	2	0%	2	ea	\$ 800.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600	
		<b>Units</b>										
969	M-100F,101F	Split ac units 1 ton	55	0%	55	ea	\$ 4,500.0	\$ 86,625.0	\$ 123,750.0	\$ 37,125.0	\$ 247,500	
970	M-100F,101F	Air handling unit 1 ton	1	0%	1	ea	\$ 4,500.0	\$ 1,575.0	\$ 2,250.0	\$ 675.0	\$ 4,500	

971	M-100F,101F	Air handling unit 4 ton	1	0%	1	ea	\$ 12,000.0	\$ 4,200.0	\$ 6,000.0	\$ 1,800.0	\$ 12,000	
972	M-100F,101F	Air handling unit 7.5 ton	1	0%	1	ea	\$ 22,500.0	\$ 7,875.0	\$ 11,250.0	\$ 3,375.0	\$ 22,500	
973	M-100F,101F	Electric baseboard heater 5118 btu	2	0%	2	ea	\$ 11,000.0	\$ 7,700.0	\$ 11,000.0	\$ 3,300.0	\$ 22,000	
974	M-100F,101F	Electric unit heater 350cfm	6	0%	6	ea	\$ 700.0	\$ 1,470.0	\$ 2,100.0	\$ 630.0	\$ 4,200	
975	M-100F,101F	Exhaust fan 1275cfm	1	0%	1	ea	\$ 2,550.0	\$ 892.5	\$ 1,275.0	\$ 382.5	\$ 2,550	
976	M-100F,101F	Exhaust fan 17500cfm	2	0%	2	ea	\$ 35,000.0	\$ 24,500.0	\$ 35,000.0	\$ 10,500.0	\$ 70,000	
977	M-100F,101F	Exhaust fan 750cfm	1	0%	1	ea	\$ 1,500.0	\$ 525.0	\$ 750.0	\$ 225.0	\$ 1,500	
<b>SECURITY</b>											<b>\$ 147,850</b>	
<b>BUILDING A</b>												
978	E-305	24 port 10/100mbps web smart poe switch for camera s	5	0%	5	ea	\$ 350.0	\$ 612.5	\$ 875.0	\$ 262.5	\$ 1,750	
979	E-305	16 port gigabit web smart switch	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200	
980	E-305	48 port 10/100mbps web smart poe switch for wifi	1	0%	1	ea	\$ 600.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600	
981	E-305	Cctv 10tb server	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200	
982	E-305	Cieling speaker	32	0%	32	ea	\$ 150.0	\$ 1,680.0	\$ 2,400.0	\$ 720.0	\$ 4,800	
983	E-305	Cieling wifi	28	0%	28	ea	\$ 150.0	\$ 1,470.0	\$ 2,100.0	\$ 630.0	\$ 4,200	
984	E-305	Card reader ( hardwired lease)	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400	
985	E-305	Card reader ( hardwired,for tenant)	6	0%	6	ea	\$ 200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200	
986	E-305	Card reader ( wireless, tenant)	72	0%	72	ea	\$ 200.0	\$ 5,040.0	\$ 7,200.0	\$ 2,160.0	\$ 14,400	
987	E-305	Card reader ( wireless,for building manager)	17	0%	17	ea	\$ 200.0	\$ 1,190.0	\$ 1,700.0	\$ 510.0	\$ 3,400	



988	E-305	Door contact	17	0%	17	ea	\$ 150.0	\$ 892.5	\$ 1,275.0	\$ 382.5	\$ 2,550
989	E-305	Hd 1080p day/night infrared ip indoor camera	18	0%	18	ea	\$ 350.0	\$ 2,205.0	\$ 3,150.0	\$ 945.0	\$ 6,300
990	E-305	moniter	14	0%	14	ea	\$ 200.0	\$ 980.0	\$ 1,400.0	\$ 420.0	\$ 2,800

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
991	E-305	Mag lock for glass doors	17	0%	17	ea	\$ 100.0	\$ 595.0	\$ 850.0	\$ 255.0	\$ 1,700	
992	E-305	Request to exit motion senser	8	0%	8	ea	\$ 200.0	\$ 560.0	\$ 800.0	\$ 240.0	\$ 1,600	
993	E-305	Server/workstation ( access control system)	2	0%	2	ea	\$ 350.0	\$ 245.0	\$ 350.0	\$ 105.0	\$ 700	
994	E-305	Wall mounted hand phone	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150	
995	E-305	video intercom with integral door chime	12	0%	12	ea	\$ 200.0	\$ 840.0	\$ 1,200.0	\$ 360.0	\$ 2,400	
		<b>BUILDING B</b>										
996	E-305	16 port gigabit web smart switch	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200	
997	E-305	24 port 10/100mbps web smart poe switch for	1	0%	1	ea	\$ 350.0	\$ 122.5	\$ 175.0	\$ 52.5	\$ 350	
998	E-305	48 port 10/100mbps web smart poe switch for wifi	1	0%	1	ea	\$ 600.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600	
999	E-305	Cctv 10tb server	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200	
1000	E-305	Ceiling speaker	12	0%	12	ea	\$ 150.0	\$ 630.0	\$ 900.0	\$ 270.0	\$ 1,800	
1001	E-305	Ceiling wifi	22	0%	22	ea	\$ 150.0	\$ 1,155.0	\$ 1,650.0	\$ 495.0	\$ 3,300	
1002	E-305	Card reader ( hardwired lease)	54	0%	54	ea	\$ 200.0	\$ 3,780.0	\$ 5,400.0	\$ 1,620.0	\$ 10,800	
1003	E-305	Card reader ( hardwired,for tenant)	6	0%	6	ea	\$ 200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200	
1004	E-305	Card reader ( wireless,for building manager)	17	0%	17	ea	\$ 200.0	\$ 1,190.0	\$ 1,700.0	\$ 510.0	\$ 3,400	

1005	E-305	Door contact	12	0%	12	ea	\$ 150.0	\$ 630.0	\$ 900.0	\$ 270.0	\$ 1,800
1006	E-305	Hd 1080p day/night infrared ip indoor camera A	11	0%	11	ea	\$ 350.0	\$ 1,347.5	\$ 1,925.0	\$ 577.5	\$ 3,850
1007	E-305	Moniter	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1008	E-305	Mag lock for glass doors	10	0%	10	ea	\$ 100.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
1009	E-305	Request to exit motion senser	6	0%	6	ea	\$ 200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200
1010	E-305	Server/workstation ( access control system)	1	0%	1	ea	\$ 350.0	\$ 122.5	\$ 175.0	\$ 52.5	\$ 350
1011	E-305	Video intercom with integral door chime	16	0%	16	ea	\$ 200.0	\$ 1,120.0	\$ 1,600.0	\$ 480.0	\$ 3,200
1012	E-305	wall mounted hand phone	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150
		<b>BUILDING C</b>									
1013	E-305	Ceiling wifi	13	0%	13	ea	\$ 150.0	\$ 682.5	\$ 975.0	\$ 292.5	\$ 1,950
1014	E-305	Cieling speaker	12	0%	12	ea	\$ 150.0	\$ 630.0	\$ 900.0	\$ 270.0	\$ 1,800
1015	E-305	Card reader ( hardwired,for tenant)	4	0%	4	ea	\$ 200.0	\$ 280.0	\$ 400.0	\$ 120.0	\$ 800
1016	E-305	Card reader ( wireless, tenant)	34	0%	34	ea	\$ 200.0	\$ 2,380.0	\$ 3,400.0	\$ 1,020.0	\$ 6,800
1017	E-305	Card reader ( wireless,for building manager)	7	0%	7	ea	\$ 200.0	\$ 490.0	\$ 700.0	\$ 210.0	\$ 1,400
1018	E-305	Door contact	10	0%	10	ea	\$ 150.0	\$ 525.0	\$ 750.0	\$ 225.0	\$ 1,500
1019	E-305	Hd 1080p day/night infrared ip indoor camera A	8	0%	8	ea	\$ 350.0	\$ 980.0	\$ 1,400.0	\$ 420.0	\$ 2,800
1020	E-305	Mag lock for glass doors	10	0%	10	ea	\$ 100.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
1021	E-305	Request to exit motion senser	5	0%	5	ea	\$ 200.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
1022	E-305	Video intercom with integral door chime	11	0%	11	ea	\$ 200.0	\$ 770.0	\$ 1,100.0	\$ 330.0	\$ 2,200

1023	E-305	Wall mounted hand phone	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150	
		<b>BUILDING D</b>										
1024	E-306	Cieling speaker	4	0%	4	ea	\$ 150.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600	
1025	E-306	Cieling wifi	11	0%	11	ea	\$ 150.0	\$ 577.5	\$ 825.0	\$ 247.5	\$ 1,650	
1026	E-306	Card reader ( hardwired,for tenant)	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400	
1027	E-306	Card reader ( wireless, tenant)	23	0%	23	ea	\$ 200.0	\$ 1,610.0	\$ 2,300.0	\$ 690.0	\$ 4,600	
1028	E-306	Card reader ( wireless,for building manager)	3	0%	3	ea	\$ 200.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600	
1029	E-306	Door contact	4	0%	4	ea	\$ 100.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400	
1030	E-306	Hd 1080p day/night infrared ip indoor camera A	3	0%	3	ea	\$ 350.0	\$ 367.5	\$ 525.0	\$ 157.5	\$ 1,050	
1031	E-306	Mag lock for glass doors	4	0%	4	ea	\$ 100.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400	
1032	E-306	request to exit motion senser	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400	

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
1033	E-306	wall mounted hand phone	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150	
1034	E-306	video intercom with integral door chime	7	0%	7	ea	\$ 200.0	\$ 490.0	\$ 700.0	\$ 210.0	\$ 1,400	
		<b>BUILDING E</b>										
1035	E-306	Cieling speaker	4	0%	4	ea	\$ 150.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600	
1036	E-306	Cieling wifi	11	0%	11	ea	\$ 150.0	\$ 577.5	\$ 825.0	\$ 247.5	\$ 1,650	
1037	E-306	Card reader ( hardwired,for tenant)	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400	
1038	E-306	Card reader ( wireless, tenant)	25	0%	25	ea	\$ 200.0	\$ 1,750.0	\$ 2,500.0	\$ 750.0	\$ 5,000	

1039	E-306	Card reader ( wireless,for building manager)	7	0%	7	ea	\$ 200.0	\$ 490.0	\$ 700.0	\$ 210.0	\$ 1,400
1040	E-306	Door contact	4	0%	4	ea	\$ 100.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1041	E-306	Hd 1080p day/night infrared ip indoor camera A	3	0%	3	ea	\$ 350.0	\$ 367.5	\$ 525.0	\$ 157.5	\$ 1,050
1042	E-306	Mag lock for glass doors	4	0%	4	ea	\$ 100.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1043	E-306	Request to exit motion sensor	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1044	E-306	Video intercom with integral door chime	7	0%	7	ea	\$ 200.0	\$ 490.0	\$ 700.0	\$ 210.0	\$ 1,400
1045	E-306	Wall mounted hand phone	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150
		<b>BUILDING F</b>									
1046	E-306	16 port gigabit web smart switch	1	0%	1	ea	\$ 200.0	\$ 70.0	\$ 100.0	\$ 30.0	\$ 200
1047	E-306	24 port 10/100mbps web smart poe switch for	1	0%	1	ea	\$ 350.0	\$ 122.5	\$ 175.0	\$ 52.5	\$ 350
1048	E-306	48 port 10/100mbps web smart poe switch for wifi	1	0%	1	ea	\$ 600.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600
1049	E-306	Cctv 10tb server	1	0%	1	ea	\$ 1,200.0	\$ 420.0	\$ 600.0	\$ 180.0	\$ 1,200
1050	E-306	Cieling speaker	4	0%	4	ea	\$ 150.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600
1051	E-306	Cieling wifi	12	0%	12	ea	\$ 150.0	\$ 630.0	\$ 900.0	\$ 270.0	\$ 1,800
1052	E-306	Card reader ( hardwired,for tenant)	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1053	E-306	Card reader ( wireless, tenant)	23	0%	23	ea	\$ 200.0	\$ 1,610.0	\$ 2,300.0	\$ 690.0	\$ 4,600
1054	E-306	Card reader ( wireless,for building manager)	10	0%	10	ea	\$ 200.0	\$ 700.0	\$ 1,000.0	\$ 300.0	\$ 2,000
1055	E-306	Door contact	4	0%	4	ea	\$ 150.0	\$ 210.0	\$ 300.0	\$ 90.0	\$ 600
1056	E-306	Hd 1080p day/night infrared ip indoor camera A	5	0%	5	ea	\$ 350.0	\$ 612.5	\$ 875.0	\$ 262.5	\$ 1,750

1057	E-306	Moniter	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1058	E-306	Mag lock for glass doors	4	0%	4	ea	\$ 100.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1059	E-306	Request to exit motion sensor	2	0%	2	ea	\$ 200.0	\$ 140.0	\$ 200.0	\$ 60.0	\$ 400
1060	E-306	Server/workstation ( access control system)	1	0%	1	ea	\$ 350.0	\$ 122.5	\$ 175.0	\$ 52.5	\$ 350
1061	E-306	Video intercom with integral door chime	5	0%	5	ea	\$ 200.0	\$ 350.0	\$ 500.0	\$ 150.0	\$ 1,000
1062	E-306	Wall mounted hand phone	1	0%	1	ea	\$ 150.0	\$ 52.5	\$ 75.0	\$ 22.5	\$ 150
<b>LANDSCAPING</b>											\$ 409,700
1063	SP7	Street shade trees	50	0%	50	ea	\$ 300.0	\$ 5,250.0	\$ 7,500.0	\$ 2,250.0	\$ 15,000
1064	SP7	Trees for built in planters small trees & flowering trees	121	0%	121	ea	\$ 250.0	\$ 10,587.5	\$ 15,125.0	\$ 4,537.5	\$ 30,250
1065	SP7	Evergreen trees	473	0%	473	ea	\$ 350.0	\$ 57,942.5	\$ 82,775.0	\$ 24,832.5	\$ 165,550
1066	SP7	Dwarf evegreen shrubs	680	0%	680	ea	\$ 150.0	\$ 35,700.0	\$ 51,000.0	\$ 15,300.0	\$ 102,000
1067	SP7	Low deciduous shrubs	425	0%	425	ea	\$ 100.0	\$ 14,875.0	\$ 21,250.0	\$ 6,375.0	\$ 42,500
1068	SP7	Grasses, ferns & perennials	739	5%	776	sf	\$ 12.0	\$ 3,259.2	\$ 4,656.0	\$ 1,396.8	\$ 9,312
1069	SP7	Vines	5636	0%	5,636	ea	\$ 8.0	\$ 15,780.8	\$ 22,544.0	\$ 6,763.2	\$ 45,088
<b>EARTHWORK</b>											\$ 112,601
1070	S-100A S-100B	Excavation	766	5%	804	cy	\$ 125.0	\$ 35,165.6	\$ 50,236.5	\$ 15,071.0	\$ 100,473
1071	S-100A S-100B	Backfilling	154	5%	162	cy	\$ 75.0	\$ 4,244.6	\$ 6,063.8	\$ 1,819.1	\$ 12,128

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
<b>SUB TOTAL</b>											\$ 50,722,496	\$ 50,722,496
<b>INSURANCE</b>							3%				\$ 1,521,675	\$ 1,521,675
<b>OVERHEAD AND PROFIT</b>							22%				\$ 11,158,949	\$ 11,158,949

**TOTAL BASE BID**

**\$ 63,403,120 \$ 63,403,120**

**General Notes:** The prices used while preparing the estimate were taken from RS Means online i.e. the standard pricing & the company is not responsible for any kind of variations in the prices. So, it is preferred to review the prices.

**Note**

1 The drawings are scaled as per the mentioned scales on the plans. F.C = Waste or diff. factor 2  
prices, unless otherwise noted. sf = square feet

**Exclusions**

1 Union Wages

**Legend**

The prices used are standard

lf = linear feet

ea = each

cy = cubic yard

sy = square yard

loc = location ls

= lump sum