

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name:	ARCADIA AT CAROLINA FOREST
Location:	MYRTLE BEACH, SC



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
01. GENERAL CONDITIONS															
\$0															
GENERAL CONDITIONS															
1		Permit	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
2		Supervision	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
3		Final Cleanup	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
4		Mobilization Cost	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
5		Project Overheads	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
6		Bonds	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
7		Fees (Architect & Engineer)	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
8		Temporary Control & Facilities	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ 40.00	\$ -	\$ -		
23. HEATING VENTILATING & AIR CONDITIONING (HVAC)															
\$723,984															
DUCTWORK															
9		OA-5" Dia Outside Duct	1981.0	5%	2080.1	LF	\$ 8.54	\$ 17,764	0.170	353.61	\$ 40.00	\$ 14,144	\$ 31,908		
10		SA-12"x10" Supply Duct	146.0	5%	153.3	LF	\$ 17.20	\$ 2,637	0.345	52.89	\$ 40.00	\$ 2,116	\$ 4,752		
11		SA-14"x10" Supply Duct	320.0	5%	336.0	LF	\$ 18.60	\$ 6,250	0.410	137.76	\$ 40.00	\$ 5,510	\$ 11,760		
12		SA-14"x12" Supply Duct	36.8	5%	38.6	LF	\$ 20.60	\$ 796	0.410	15.84	\$ 40.00	\$ 634	\$ 1,430		
13		EA-4" Dia Exhaust Duct	3744.0	5%	3931.2	LF	\$ 5.20	\$ 20,442	0.100	393.12	\$ 40.00	\$ 15,725	\$ 36,167		
14		EA-6" Dia Exhaust Duct	987.0	5%	1036.4	LF	\$ 7.34	\$ 7,607	0.148	153.38	\$ 40.00	\$ 6,135	\$ 13,742		
15		FL-4" Dia Flexible Duct	1453.0	5%	1525.7	LF	\$ 6.30	\$ 9,612	0.100	152.57	\$ 40.00	\$ 6,103	\$ 15,714		
16		FL-5" Dia Flexible Duct	1388.0	5%	1456.4	LF	\$ 8.54	\$ 12,527	0.170	294.19	\$ 40.00	\$ 9,768	\$ 22,034		
17		FL-6" Dia Flexible Duct	1190.0	5%	1249.5	LF	\$ 7.99	\$ 9,984	0.148	184.93	\$ 40.00	\$ 7,397	\$ 17,381		
18		FL-7" Dia Flexible Duct	2557.0	5%	2684.9	LF	\$ 8.86	\$ 23,788	0.148	397.36	\$ 40.00	\$ 15,894	\$ 39,682		
19		FL-8" Dia Flexible Duct	1968.0	5%	2066.4	LF	\$ 8.20	\$ 16,944	0.158	326.49	\$ 40.00	\$ 13,060	\$ 30,004		
20		FL-9" Dia Flexible Duct	36.0	5%	37.8	LF	\$ 8.95	\$ 338	0.168	6.35	\$ 40.00	\$ 254	\$ 592		
EQUIPMENTS															
21		CU-ELEV. Condensing Unit PUY-A12, 320CFM,92LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
22		CU-LV. Condensing Unit PUY-A12, 320CFM,92LBS	2.0	0%	2.0	EA	\$ 1,165.00	\$ 2,330	5.000	10.00	\$ 40.00	\$ 400	\$ 2,730		
23		DFC-ELE. Fan Coil Unit, PKA-A-12,320CFM,29LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
24		DFC-LV. Fan Coil Unit, PKA-A-12,320CFM,29LBS	2.0	0%	2.0	EA	\$ 1,165.00	\$ 2,330	5.000	10.00	\$ 40.00	\$ 400	\$ 2,730		
25		EW-H-0.5. Electric Water Heater	1.0	0%	1.0	EA	\$ 1,890.00	\$ 1,890	8.000	8.00	\$ 40.00	\$ 320	\$ 2,210		
26		HP-A1. Heat Pump, GSZ14018, 600CFM,154LBS	15.0	0%	15.0	EA	\$ 1,420.00	\$ 21,300	6.000	90.00	\$ 40.00	\$ 3,600	\$ 24,900		
27		HP-A2. Heat Pump, GSZ14024, 800CFM,154LBS	3.0	0%	3.0	EA	\$ 1,775.00	\$ 5,325	7.600	22.80	\$ 40.00	\$ 912	\$ 6,237		
28		HP-A2-1. Heat Pump, GSZ14018, 600CFM,154LBS	3.0	0%	3.0	EA	\$ 1,420.00	\$ 4,260	6.000	18.00	\$ 40.00	\$ 720	\$ 4,980		
29		HP-B1. Heat Pump, GSZ14024, 800CFM,154LBS	12.0	0%	12.0	EA	\$ 1,775.00	\$ 21,300	7.600	91.20	\$ 40.00	\$ 3,648	\$ 24,948		
30		HP-B11. Heat Pump, GSZ14024, 800CFM,154LBS	6.0	0%	6.0	EA	\$ 1,775.00	\$ 10,650	7.600	45.60	\$ 40.00	\$ 1,824	\$ 12,474		
31		HP-B2. Heat Pump, GSZ14024, 800CFM,154LBS	6.0	0%	6.0	EA	\$ 1,775.00	\$ 10,650	7.600	45.60	\$ 40.00	\$ 1,824	\$ 12,474		
32		HP-B7. Heat Pump, GSZ14024, 800CFM,154LBS	6.0	0%	6.0	EA	\$ 1,775.00	\$ 10,650	7.600	45.60	\$ 40.00	\$ 1,824	\$ 12,474		
33		HP-C1. Heat Pump, GSZ14030, 1000CFM,171LBS	5.0	0%	5.0	EA	\$ 2,210.00	\$ 11,050	9.500	47.50	\$ 40.00	\$ 1,900	\$ 12,950		
34		AHU-A1. Air Handling Unit, AWUF3105, 600CFM,109LBS	15.0	0%	15.0	EA	\$ 1,975.00	\$ 29,625	8.500	127.50	\$ 40.00	\$ 5,100	\$ 34,725		
35		AHU-A2. Air Handling Unit, AWUF3108, 800CFM,109LBS	3.0	0%	3.0	EA	\$ 2,360.00	\$ 7,080	10.000	30.00	\$ 40.00	\$ 1,200	\$ 8,280		
36		AHU-A2.1. Air Handling Unit, AWUF3105, 600CFM,109LBS	3.0	0%	3.0	EA	\$ 1,975.00	\$ 5,925	8.500	25.50	\$ 40.00	\$ 1,020	\$ 6,945		
37		AHU-B1. Air Handling Unit, AWUF3108, 800CFM,109LBS	14.0	0%	14.0	EA	\$ 2,360.00	\$ 33,040	10.000	140.00	\$ 40.00	\$ 5,600	\$ 38,640		
38		AHU-B11. Air Handling Unit, AWUF3105, 600CFM,109LBS	6.0	0%	6.0	EA	\$ 2,360.00	\$ 14,160	10.000	60.00	\$ 40.00	\$ 2,400	\$ 16,560		
39		AHU-B2. Air Handling Unit, AWUF3108, 800CFM,109LBS	6.0	0%	6.0	EA	\$ 2,360.00	\$ 14,160	10.000	60.00	\$ 40.00	\$ 2,400	\$ 16,560		
40		AHU-B7. Air Handling Unit, AWUF3108, 800CFM,109LBS	6.0	0%	6.0	EA	\$ 2,360.00	\$ 14,160	10.000	60.00	\$ 40.00	\$ 2,400	\$ 16,560		
41		AHU-C1.1. Air Handling Unit, AWUF3105, 1000CFM,109LBS	5.0	0%	5.0	EA	\$ 2,890.00	\$ 14,450	12.000	60.00	\$ 40.00	\$ 2,400	\$ 16,850		
42		EF-A. Exhaust Fan, Broan LP50100DC, 50CFM,10LBS	92.0	0%	92.0	EA	\$ 142.00	\$ 13,064	0.600	55.20	\$ 40.00	\$ 2,208	\$ 15,272		
AIR DEVICES															
43		A.10"x6". Supply Register,Airmate 100	61.0	0%	61.0	EA	\$ 168.00	\$ 10,248	0.720	43.92	\$ 40.00	\$ 1,757	\$ 12,005		
44		A.14"x6". Supply Register,Airmate 100	158.0	0%	158.0	EA	\$ 218.00	\$ 34,444	0.940	148.52	\$ 40.00	\$ 5,941	\$ 40,385		
45		A.8"x4". Supply Register,Airmate 100	47.0	0%	47.0	EA	\$ 136.00	\$ 6,392	0.585	27.50	\$ 40.00	\$ 1,100	\$ 7,492		
46		A.12"x6". Supply Register,Airmate 100	6.0	0%	6.0	EA	\$ 175.00	\$ 1,050	0.750	4.50	\$ 40.00	\$ 180	\$ 1,230		
47		B-4"x4". Supply Register,Airmate 100	142.0	0%	142.0	EA	\$ 125.00	\$ 17,750	0.540	76.68	\$ 40.00	\$ 3,067	\$ 20,817		
48		C-14"x10". TXR GR. Return,Airmate 170	114.0	0%	114.0	EA	\$ 180.00	\$ 20,520	0.775	88.35	\$ 40.00	\$ 3,534	\$ 24,054		
49		C-24"x14.RA GR. Return,Airmate 170	41.0	0%	41.0	EA	\$ 295.00	\$ 12,095	1.250	51.25	\$ 40.00	\$ 2,050	\$ 14,145		
50		C-30"x12.RA GR. Return,Airmate 170	17.0	0%	17.0	EA	\$ 338.00	\$ 5,746	1.500	25.50	\$ 40.00	\$ 1,020	\$ 6,766		
MISC./MANEUVS															
51		Wall Caps	184.0	0%	184.0	EA	\$ 95.00	\$ 17,480	0.500	92.00	\$ 40.00	\$ 3,680	\$ 21,160		
52		Thermostat	61.0	0%	61.0	EA	\$ 106.00	\$ 6,466	0.850	51.85	\$ 40.00	\$ 2,074	\$ 8,540		
DUCT SUPPORT															
53		3/8" Threaded Rod	3157.2	0%	3157.2	EA	\$ 4.94	\$ 15,597	0.167	527.25	\$ 40.00	\$ 21,080	\$ 36,687		
54		1/2" x 22.Ga. Strap	1578.6	0%	1578.6	EA	\$ 3.75	\$ 5,920	0.117	184.70	\$ 40.00	\$ 7,388	\$ 13,308		
SUB TOTAL															
OVERHEAD															
PROFIT															
INSURANCE															
CONTINGENCY															
NET TOTAL															

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name:	ARCADIA AT CAROLINA FOREST
Location:	MYRTLE BEACH, SC



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
23. HEATING VENTILATING & AIR CONDITIONING (HVAC)															
\$431,387															
DUCTWORK															
1		EA-4" Dia Exhaust Duct	2237.0	5%	2348.9	LF	\$ 5.20	\$ 12,214	0.100	234.89	\$ 40.00	\$ 9,395	\$ 21,609		
2		EA-6" Dia Exhaust Duct	436.0	5%	457.8	LF	\$ 7.34	\$ 3,360	0.148	67.75	\$ 40.00	\$ 2,710	\$ 6,070		
3		OA-5" Dia Outside Duct	1140.0	5%	1197.0	LF	\$ 6.88	\$ 8,235	0.135	161.60	\$ 40.00	\$ 6,464	\$ 14,699		
4		SA-12"x10" Supply Duct	101.0	5%	106.1	LF	\$ 17.20	\$ 1,824	0.345	36.59	\$ 40.00	\$ 1,463	\$ 3,288		
5		SA-14"x10" Supply Duct	191.0	5%	200.6	LF	\$ 18.60	\$ 3,730	0.410	82.23	\$ 40.00	\$ 3,289	\$ 7,019		
6		SA-14"x12" Supply Duct	22.1	5%	23.2	LF	\$ 20.60	\$ 478	0.410	9.51	\$ 40.00	\$ 380	\$ 858		
7		FL-4" Dia Flexible Duct	847.0	5%	889.4	LF	\$ 6.30	\$ 5,603	0.100	88.94	\$ 40.00	\$ 3,557	\$ 9,160		
8		FL-5" Dia Flexible Duct	728.0	5%	764.4	LF	\$ 8.54	\$ 6,528	0.170	129.95	\$ 40.00	\$ 5,198	\$ 11,726		
9		FL-6" Dia Flexible Duct	804.0	5%	844.2	LF	\$ 7.99	\$ 6,745	0.148	124.94	\$ 40.00	\$ 4,998	\$ 11,743		
10		FL-7" Dia Flexible Duct	1305.0	5%	1370.3	LF	\$ 8.86	\$ 12,140	0.148	202.80	\$ 40.00	\$ 8,112	\$ 20,252		
11		FL-8" Dia Flexible Duct	1308.0	5%	1373.4	LF	\$ 8.20	\$ 11,262	0.158	217.00	\$ 40.00	\$ 8,680	\$ 19,942		
12		FL-9" Dia Flexible Duct	21.9	5%	23.0	LF	\$ 8.95	\$ 206	0.168	3.87	\$ 40.00	\$ 155	\$ 361		
EQUIPMENTS															
13		CU-ELEV, Condensing Unit PUY-A12, 320CFM, 92LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
14		CU-LV, Condensing Unit PUY-A12, 320CFM, 92LBS	2.0	0%	2.0	EA	\$ 1,165.00	\$ 2,330	5.000	10.00	\$ 40.00	\$ 400	\$ 2,730		
15		DFC-ELE, Fan Coil Unit, PKA-A-12, 320CFM, 29LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
16		DFC-LV, Fan Coil Unit, PKA-A-12, 320CFM, 29LBS	2.0	0%	2.0	EA	\$ 1,165.00	\$ 2,330	5.000	10.00	\$ 40.00	\$ 400	\$ 2,730		
17		EW-H-0.5, Electric Water Heater	1.0	0%	1.0	EA	\$ 1,890.00	\$ 1,890	8.000	8.00	\$ 40.00	\$ 320	\$ 2,210		
18		HP-A1, Heat Pump, GSZ14018, 600CFM, 154LBS	9.0	0%	9.0	EA	\$ 1,420.00	\$ 12,780	6.000	54.00	\$ 40.00	\$ 2,160	\$ 14,940		
19		HP-A2, Heat Pump, GSZ14024, 800CFM, 154LBS	3.0	0%	3.0	EA	\$ 1,775.00	\$ 5,325	7.600	22.80	\$ 40.00	\$ 912	\$ 6,237		
20		HP-A2.1, Heat Pump, GSZ14018, 600CFM, 154LBS	3.0	0%	3.0	EA	\$ 1,420.00	\$ 4,260	6.000	18.00	\$ 40.00	\$ 720	\$ 4,980		
21		HP-B1, Heat Pump, GSZ14024, 800CFM, 154LBS	9.0	0%	9.0	EA	\$ 1,775.00	\$ 15,975	7.600	68.40	\$ 40.00	\$ 2,736	\$ 18,711		
22		HP-B2, Heat Pump, GSZ14024, 800CFM, 154LBS	9.0	0%	9.0	EA	\$ 1,775.00	\$ 15,975	7.600	68.40	\$ 40.00	\$ 2,736	\$ 18,711		
23		HP-C1, Heat Pump, GSZ14030, 1000CFM, 171LBS	2.0	0%	2.0	EA	\$ 2,210.00	\$ 4,420	9.500	19.00	\$ 40.00	\$ 760	\$ 5,180		
24		AHU-A1, Air Handling Unit, AWUF3105, 600CFM, 109LBS	9.0	0%	9.0	EA	\$ 1,975.00	\$ 17,775	8.500	76.50	\$ 40.00	\$ 3,060	\$ 20,835		
25		AHU-A2, Air Handling Unit, AWUF3108, 800CFM, 109LBS	3.0	0%	3.0	EA	\$ 2,360.00	\$ 7,080	10.000	30.00	\$ 40.00	\$ 1,200	\$ 8,280		
26		AHU-A2.1, Air Handling Unit, AWUF3105, 600CFM, 109LBS	3.0	0%	3.0	EA	\$ 1,975.00	\$ 5,925	8.500	25.50	\$ 40.00	\$ 1,020	\$ 6,945		
27		AHU-B1, Air Handling Unit, AWUF3108, 800CFM, 109LBS	8.0	0%	8.0	EA	\$ 2,360.00	\$ 18,880	10.000	80.00	\$ 40.00	\$ 3,200	\$ 22,080		
28		AHU-B2, Air Handling Unit, AWUF3108, 800CFM, 109LBS	9.0	0%	9.0	EA	\$ 2,360.00	\$ 21,240	10.000	90.00	\$ 40.00	\$ 3,600	\$ 24,840		
29		AHU-C1.1, Air Handling Unit, AWUF3105, 1000CFM, 109LBS	3.0	0%	3.0	EA	\$ 2,890.00	\$ 8,670	12.000	36.00	\$ 40.00	\$ 1,440	\$ 10,110		
30		EF-A, Exhaust Fan, Broan LP50100DC, 50CFM 10LBS	52.0	0%	52.0	EA	\$ 142.00	\$ 7,384	0.600	31.20	\$ 40.00	\$ 1,248	\$ 8,632		
AIR DEVICES															
31		A-10"x6", Supply Register, Airmate 100	38.0	0%	38.0	EA	\$ 168.00	\$ 6,384	0.720	27.36	\$ 40.00	\$ 1,094	\$ 7,478		
32		A-14"x6", Supply Register, Airmate 100	93.0	0%	93.0	EA	\$ 218.00	\$ 20,274	0.940	87.42	\$ 40.00	\$ 3,497	\$ 23,771		
33		A-8"x4", Supply Register, Airmate 100	35.0	0%	35.0	EA	\$ 136.00	\$ 4,760	0.585	20.48	\$ 40.00	\$ 819	\$ 5,579		
34		A-12"x6", Supply Register, Airmate 100	6.0	0%	6.0	EA	\$ 175.00	\$ 1,050	0.750	4.50	\$ 40.00	\$ 180	\$ 1,230		
35		B-8"x4", Supply Register, Airmate 100	78.0	0%	78.0	EA	\$ 125.00	\$ 9,750	0.540	42.12	\$ 40.00	\$ 1,685	\$ 11,435		
36		C-14"x10", TXR GR, Return, Airmate 170	70.0	0%	70.0	EA	\$ 180.00	\$ 12,600	0.775	54.25	\$ 40.00	\$ 2,170	\$ 14,770		
37		C-24"x14, R/A GR, Return, Airmate 170	23.0	0%	23.0	EA	\$ 295.00	\$ 6,785	1.250	28.75	\$ 40.00	\$ 1,150	\$ 7,935		
38		C-30"x12, R/A GR, Return, Airmate 170	12.0	0%	12.0	EA	\$ 338.00	\$ 4,056	1.500	18.00	\$ 40.00	\$ 720	\$ 4,776		
MISCELLANEOUS															
39		Wall Caps	109.0	0%	109.0	EA	\$ 95.00	\$ 10,355	0.500	54.50	\$ 40.00	\$ 2,180	\$ 12,535		
40		Thermostat	38.0	0%	38.0	EA	\$ 106.00	\$ 4,028	0.850	32.30	\$ 40.00	\$ 1,292	\$ 5,320		
DUCT SUPPORT															
41		3/8" Threaded Rod	1828.2	0%	1828.2	EA	\$ 4.94	\$ 9,031	0.167	305.31	\$ 40.00	\$ 12,212	\$ 21,244		
42		1" x 22 Ga. Strap	914.1	0%	914.1	EA	\$ 3.75	\$ 3,428	0.117	106.95	\$ 40.00	\$ 4,278	\$ 7,706		
SUB TOTAL														\$431,387	
OVERHEAD														\$ 21,563	
PROFIT														\$ 64,708	
INSURANCE														\$ 4,314	
CONTINGENCY														\$ 8,628	
NET TOTAL														\$ 530,606	

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name:	ARCADIA AT CAROLINA FOREST
Location:	MYRTLE BEACH,SC



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
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23. HEATING VENTILATING & AIR CONDITIONING (HVAC) \$714,861

DUCTWORK															
1		EA-4" Dia Exhaust Duct	3744.0	5%	3931.2	LF	\$ 5.20	\$ 20,442	0.100	393.12	\$ 40.00	\$ 15,725	\$ 36,167		
2		EA-6" Dia Exhaust Duct	987.0	5%	1036.4	LF	\$ 7.34	\$ 7,607	0.148	153.38	\$ 40.00	\$ 6,135	\$ 13,742		
3		OA-5" Dia Outside Duct	1981.0	5%	2080.1	LF	\$ 6.88	\$ 14,311	0.135	280.81	\$ 40.00	\$ 11,232	\$ 25,543		
4		SA-12"x10" Supply Duct	146.0	5%	153.3	LF	\$ 17.20	\$ 2,637	0.345	52.89	\$ 40.00	\$ 2,116	\$ 4,752		
5		SA-14"x10" Supply Duct	319.0	5%	335.0	LF	\$ 18.60	\$ 6,230	0.410	137.33	\$ 40.00	\$ 5,493	\$ 11,723		
6		SA-14"x12" Supply Duct	36.8	5%	38.6	LF	\$ 20.60	\$ 796	0.410	15.84	\$ 40.00	\$ 634	\$ 1,430		
7		FL-4" Dia Flexible Duct	1453.0	5%	1525.7	LF	\$ 6.30	\$ 9,612	0.100	152.57	\$ 40.00	\$ 6,103	\$ 15,714		
8		FL-5" Dia Flexible Duct	1368.0	5%	1436.4	LF	\$ 8.54	\$ 12,267	0.170	244.19	\$ 40.00	\$ 9,768	\$ 22,034		
9		FL-6" Dia Flexible Duct	1190.0	5%	1249.5	LF	\$ 7.99	\$ 9,984	0.148	184.93	\$ 40.00	\$ 7,397	\$ 17,381		
10		FL-7" Dia Flexible Duct	2557.0	5%	2684.9	LF	\$ 8.86	\$ 23,788	0.148	397.36	\$ 40.00	\$ 15,894	\$ 39,682		
11		FL-8" Dia Flexible Duct	1968.0	5%	2066.4	LF	\$ 8.20	\$ 16,944	0.158	326.49	\$ 40.00	\$ 13,060	\$ 30,004		
12		FL-9" Dia Flexible Duct	36.6	5%	38.4	LF	\$ 8.95	\$ 343	0.168	6.45	\$ 40.00	\$ 258	\$ 601		
EQUIPMENTS															
13		CU-ELEV, Condensing Unit PUY-A12, 320CFM,92LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
14		CU-LV, Condensing Unit PUY-A12, 320CFM,92LBS	2.0	0%	2.0	EA	\$ 1,165.00	\$ 2,330	5.000	10.00	\$ 40.00	\$ 400	\$ 2,730		
15		DFC-ELE, Fan Coil Unit, PKAA-12,320CFM,29LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
16		EW-H-0.5, Electric Water Heater	1.0	0%	1.0	EA	\$ 1,890.00	\$ 1,890	8.000	8.00	\$ 40.00	\$ 320	\$ 2,210		
17		HP-A1, Heat Pump, GSZ14018, 800CFM,154LBS	15.0	0%	15.0	EA	\$ 1,420.00	\$ 21,300	6.000	90.00	\$ 40.00	\$ 3,600	\$ 24,900		
18		HP-A2, Heat Pump, GSZ14024, 800CFM,154LBS	3.0	0%	3.0	EA	\$ 1,775.00	\$ 5,325	7.600	22.80	\$ 40.00	\$ 912	\$ 6,237		
19		HP-A2.1, Heat Pump, GSZ14018, 800CFM,154LBS	3.0	0%	3.0	EA	\$ 1,420.00	\$ 4,260	6.000	18.00	\$ 40.00	\$ 720	\$ 4,980		
20		HP-B1, Heat Pump, GSZ14024, 800CFM,154LBS	12.0	0%	12.0	EA	\$ 1,775.00	\$ 21,300	7.600	91.20	\$ 40.00	\$ 3,648	\$ 24,948		
21		HP-B11, Heat Pump, GSZ14024, 800CFM,154LBS	6.0	0%	6.0	EA	\$ 1,775.00	\$ 10,650	7.600	45.60	\$ 40.00	\$ 1,824	\$ 12,474		
22		HP-B2, Heat Pump, GSZ14024, 800CFM,154LBS	6.0	0%	6.0	EA	\$ 1,775.00	\$ 10,650	7.600	45.60	\$ 40.00	\$ 1,824	\$ 12,474		
23		HP-B7, Heat Pump, GSZ14024, 800CFM,154LBS	6.0	0%	6.0	EA	\$ 1,775.00	\$ 10,650	7.600	45.60	\$ 40.00	\$ 1,824	\$ 12,474		
24		HP-C1, Heat Pump, GSZ14030, 1000CFM,171LBS	5.0	0%	5.0	EA	\$ 2,210.00	\$ 11,050	9.500	47.50	\$ 40.00	\$ 1,900	\$ 12,950		
25		AHU-A1, Air Handling Unit, AWUF3105, 600CFM,109LBS	15.0	0%	15.0	EA	\$ 1,975.00	\$ 29,625	8.500	127.50	\$ 40.00	\$ 5,100	\$ 34,725		
26		AHU-A2, Air Handling Unit, AWUF3108, 800CFM,109LBS	3.0	0%	3.0	EA	\$ 2,360.00	\$ 7,080	10.000	30.00	\$ 40.00	\$ 1,200	\$ 8,280		
27		AHU-A2.1, Air Handling Unit, AWUF3105, 600CFM,109LBS	3.0	0%	3.0	EA	\$ 1,975.00	\$ 5,925	8.500	25.50	\$ 40.00	\$ 1,020	\$ 6,945		
28		AHU-B1, Air Handling Unit, AWUF3108, 800CFM,109LBS	14.0	0%	14.0	EA	\$ 2,360.00	\$ 33,040	10.000	140.00	\$ 40.00	\$ 5,600	\$ 38,640		
29		AHU-B11, Air Handling Unit, AWUF3105, 600CFM,109LBS	6.0	0%	6.0	EA	\$ 2,360.00	\$ 14,160	10.000	60.00	\$ 40.00	\$ 2,400	\$ 16,560		
30		AHU-B2, Air Handling Unit, AWUF3108, 800CFM,109LBS	6.0	0%	6.0	EA	\$ 2,360.00	\$ 14,160	10.000	60.00	\$ 40.00	\$ 2,400	\$ 16,560		
31		AHU-B7, Air Handling Unit, AWUF3108, 800CFM,109LBS	6.0	0%	6.0	EA	\$ 2,360.00	\$ 14,160	10.000	60.00	\$ 40.00	\$ 2,400	\$ 16,560		
32		AHU-C1.1, Air Handling Unit, AWUF3105, 1000CFM,109LBS	5.0	0%	5.0	EA	\$ 2,890.00	\$ 14,450	12.000	60.00	\$ 40.00	\$ 2,400	\$ 16,850		
33		EF-A, Exhaust Fan, Bron LP50100DC, 50CFM 10LBS	92.0	0%	92.0	EA	\$ 142.00	\$ 13,064	0.600	55.20	\$ 40.00	\$ 2,208	\$ 15,272		
AIR DEVICES															
34		A.10"x6", Supply Register Airmate 100	61.0	0%	61.0	EA	\$ 168.00	\$ 10,248	0.720	43.92	\$ 40.00	\$ 1,757	\$ 12,005		
35		A.14"x6", Supply Register Airmate 100	158.0	0%	158.0	EA	\$ 218.00	\$ 34,444	0.940	148.52	\$ 40.00	\$ 5,941	\$ 40,385		
36		A.8"x4", Supply Register Airmate 100	47.0	0%	47.0	EA	\$ 136.00	\$ 6,392	0.585	27.50	\$ 40.00	\$ 1,100	\$ 7,492		
37		A.12"x6", Supply Register Airmate 100	6.0	0%	6.0	EA	\$ 175.00	\$ 1,050	0.750	4.50	\$ 40.00	\$ 180	\$ 1,230		
38		B-9"x4", Supply Register Airmate 100	142.0	0%	142.0	EA	\$ 125.00	\$ 17,750	0.540	76.68	\$ 40.00	\$ 3,067	\$ 20,817		
39		C-14"x10", TXR GR, Return Airmate 170	114.0	0%	114.0	EA	\$ 180.00	\$ 20,520	0.775	88.35	\$ 40.00	\$ 3,534	\$ 24,054		
40		C-24"x14, R/A GR, Return Airmate 170	41.0	0%	41.0	EA	\$ 295.00	\$ 12,095	1.250	51.25	\$ 40.00	\$ 2,050	\$ 14,145		
41		C-30"x12, R/A GR, Return Airmate 170	17.0	0%	17.0	EA	\$ 338.00	\$ 5,746	1.500	25.50	\$ 40.00	\$ 1,020	\$ 6,766		
MISCELLANEOUS															
42		Wall Caps	184.0	0%	184.0	EA	\$ 95.00	\$ 17,480	0.500	92.00	\$ 40.00	\$ 3,680	\$ 21,160		
43		Thermostat	61.0	0%	61.0	EA	\$ 106.00	\$ 6,466	0.850	51.85	\$ 40.00	\$ 2,074	\$ 8,540		
DUCT SUPPORT															
44		3/8" Threaded Rod	3157.2	0%	3157.2	EA	\$ 4.94	\$ 15,597	0.167	527.25	\$ 40.00	\$ 21,090	\$ 36,687		
45		1" x 22 Ga. Strap	1578.6	0%	1578.6	EA	\$ 3.75	\$ 5,920	0.117	184.70	\$ 40.00	\$ 7,388	\$ 13,308		

SUB TOTAL													\$714,861
OVERHEAD													\$ 35,743
PROFIT													\$ 107,229
INSURANCE													\$ 7,143
CONTINGENCY													\$ 14,292
NET TOTAL													\$ 879,279

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name:	ARCADIA AT CAROLINA FOREST
Location:	MYRTLE BEACH,SC



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
23. HEATING VENTILATING & AIR CONDITIONING (HVAC)															\$451,956
DUCTWORK															
1		GA-5" Dia Outside Duct	1141.0	5%	1198.1	LF	6.88	\$ 8,243	0.135	161.74	\$ 40.00	\$ 6,469	\$ 14,712		
2		SA-12"x10" S/Supply Duct	101.0	5%	106.1	LF	17.20	\$ 1,824	0.345	36.59	\$ 40.00	\$ 1,463	\$ 3,288		
3		SA-14"x10" S/Supply Duct	200.0	5%	210.0	LF	18.60	\$ 3,906	0.410	86.10	\$ 40.00	\$ 3,444	\$ 7,350		
4		SA-14"x12" S/Supply Duct	14.7	5%	15.5	LF	20.60	\$ 318	0.410	6.34	\$ 40.00	\$ 253	\$ 572		
5		EA-4" Dia Exhaust Duct	2225.0	5%	2336.3	LF	5.20	\$ 12,149	0.100	233.63	\$ 40.00	\$ 9,345	\$ 21,494		
6		EA-6" Dia Exhaust Duct	458.0	5%	480.9	LF	7.34	\$ 3,530	0.148	71.17	\$ 40.00	\$ 2,847	\$ 6,377		
7		FL-4" Dia Flexible Duct	822.0	5%	863.1	LF	6.30	\$ 5,438	0.100	86.31	\$ 40.00	\$ 3,452	\$ 8,890		
8		FL-5" Dia Flexible Duct	749.0	5%	786.5	LF	8.54	\$ 6,716	0.170	133.70	\$ 40.00	\$ 5,348	\$ 12,064		
9		FL-6" Dia Flexible Duct	801.0	5%	841.1	LF	7.99	\$ 6,720	0.148	124.48	\$ 40.00	\$ 4,979	\$ 11,699		
10		FL-7" Dia Flexible Duct	1330.0	5%	1396.5	LF	8.86	\$ 12,373	0.148	206.68	\$ 40.00	\$ 8,267	\$ 20,640		
11		FL-8" Dia Flexible Duct	1291.0	5%	1355.6	LF	8.20	\$ 11,116	0.158	214.18	\$ 40.00	\$ 8,567	\$ 19,683		
12		FL-9" Dia Flexible Duct	14.0	5%	14.7	LF	8.95	\$ 132	0.168	2.47	\$ 40.00	\$ 99	\$ 230		
EQUIPMENTS															
13		CU-ELEV, Condensing Unit PUY-A12, 320CFM,92LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
14		CU-LV, Condensing Unit PUY-A12, 320CFM,92LBS	2.0	0%	2.0	EA	\$ 1,165.00	\$ 2,330	5.000	10.00	\$ 40.00	\$ 400	\$ 2,730		
15		DFC-ELE, Fan Coil Unit, PKA-A-12,320CFM,29LBS	2.0	0%	2.0	EA	\$ 1,165.00	\$ 2,330	5.000	10.00	\$ 40.00	\$ 400	\$ 2,730		
16		DFC-LV, Fan Coil Unit, PKA-A-12,320CFM,29LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
17		EW-H-0.5, Electric Water Heater	1.0	0%	1.0	EA	\$ 1,890.00	\$ 1,890	8.000	8.00	\$ 40.00	\$ 320	\$ 2,210		
18		HP-A1, Heat Pump, GSZ14018, 600CFM,154LBS	9.0	0%	9.0	EA	\$ 1,420.00	\$ 12,780	6.000	54.00	\$ 40.00	\$ 2,160	\$ 14,940		
19		HP-A2, Heat Pump, GSZ14024, 800CFM,154LBS	3.0	0%	3.0	EA	\$ 1,775.00	\$ 5,325	7.600	22.80	\$ 40.00	\$ 912	\$ 6,237		
20		HP-A2.1, Heat Pump, GSZ14018, 600CFM,154LBS	3.0	0%	3.0	EA	\$ 1,420.00	\$ 4,260	6.000	18.00	\$ 40.00	\$ 720	\$ 4,980		
21		HP-B1, Heat Pump, GSZ14024, 800CFM,154LBS	9.0	0%	9.0	EA	\$ 1,775.00	\$ 15,975	7.600	68.40	\$ 40.00	\$ 2,736	\$ 18,711		
22		HP-B2, Heat Pump, GSZ14024, 800CFM,154LBS	9.0	0%	9.0	EA	\$ 1,775.00	\$ 15,975	7.600	68.40	\$ 40.00	\$ 2,736	\$ 18,711		
23		HP-C1, Heat Pump, GSZ14030, 1000CFM,171LBS	2.0	0%	2.0	EA	\$ 2,210.00	\$ 4,420	9.500	19.00	\$ 40.00	\$ 760	\$ 5,180		
24		AHU-A1, Air Handling Unit, AWUF3105, 600CFM,109LBS	9.0	0%	9.0	EA	\$ 1,975.00	\$ 17,775	8.500	76.50	\$ 40.00	\$ 3,060	\$ 20,835		
25		AHU-A2, Air Handling Unit, AWUF3108, 800CFM,109LBS	3.0	0%	3.0	EA	\$ 2,360.00	\$ 7,080	10.000	30.00	\$ 40.00	\$ 1,200	\$ 8,280		
26		AHU-A2.1, Air Handling Unit, AWUF3105, 600CFM,109LBS	3.0	0%	3.0	EA	\$ 1,975.00	\$ 5,925	8.500	25.50	\$ 40.00	\$ 1,020	\$ 6,945		
27		AHU-B1, Air Handling Unit, AWUF3108, 800CFM,109LBS	9.0	0%	9.0	EA	\$ 2,360.00	\$ 21,240	10.000	90.00	\$ 40.00	\$ 3,600	\$ 24,840		
28		AHU-B2, Air Handling Unit, AWUF3108, 800CFM,109LBS	9.0	0%	9.0	EA	\$ 2,360.00	\$ 21,240	10.000	90.00	\$ 40.00	\$ 3,600	\$ 24,840		
29		AHU-C1.1, Air Handling Unit, AWUF3105, 1000CFM,109LBS	2.0	0%	2.0	EA	\$ 2,890.00	\$ 5,780	12.000	24.00	\$ 40.00	\$ 960	\$ 6,740		
30		EF-A, Exhaust Fan, Broan LP50100DC, 50CFM 10LBS	52.0	0%	52.0	EA	\$ 142.00	\$ 7,384	0.600	31.20	\$ 40.00	\$ 1,248	\$ 8,632		
AIR DEVICES															
31		A-10"x6", Supply Register,Airmate 100	38.0	0%	38.0	EA	\$ 168.00	\$ 6,384	0.720	27.36	\$ 40.00	\$ 1,094	\$ 7,478		
32		A-14"x6", Supply Register,Airmate 100	92.0	0%	92.0	EA	\$ 218.00	\$ 20,056	0.940	86.48	\$ 40.00	\$ 3,459	\$ 23,515		
33		A-8"x4", Supply Register,Airmate 100	33.0	0%	33.0	EA	\$ 136.00	\$ 4,488	0.585	19.31	\$ 40.00	\$ 772	\$ 5,260		
34		A-12"x6", Supply Register,Airmate 100	6.0	0%	6.0	EA	\$ 175.00	\$ 1,050	0.750	4.50	\$ 40.00	\$ 180	\$ 1,230		
35		B-8"x4", Supply Register,Airmate 100	79.0	0%	79.0	EA	\$ 125.00	\$ 9,875	0.540	42.66	\$ 40.00	\$ 1,706	\$ 11,581		
36		C-14"x10", TXR GR, Return,Airmate 170	70.0	0%	70.0	EA	\$ 180.00	\$ 12,600	0.775	54.25	\$ 40.00	\$ 2,170	\$ 14,770		
37		C-24"x14, R/A GR, Return,Airmate 170	24.0	0%	24.0	EA	\$ 295.00	\$ 7,080	1.250	30.00	\$ 40.00	\$ 1,200	\$ 8,280		
38		C-30"x12, R/A GR, Return,Airmate 170	11.0	0%	11.0	EA	\$ 338.00	\$ 3,718	1.500	16.50	\$ 40.00	\$ 660	\$ 4,378		
MISCELLANEOUS															
39		Wall Caps	112.0	0%	112.0	EA	\$ 95.00	\$ 10,640	0.500	56.00	\$ 40.00	\$ 2,240	\$ 12,880		
40		Thermostat	38.0	0%	38.0	EA	\$ 106.00	\$ 4,028	0.850	32.30	\$ 40.00	\$ 1,292	\$ 5,320		
DUCT SUPPORT															
41		3/8" Threaded Rod	3157.2	0%	3157.2	EA	\$ 4.94	\$ 15,597	0.167	527.25	\$ 40.00	\$ 21,090	\$ 36,687		
42		1" x 22 Ga. Strap	1578.6	0%	1578.6	EA	\$ 3.75	\$ 5,920	0.117	184.70	\$ 40.00	\$ 7,388	\$ 13,308		

SUB TOTAL															\$451,956
OVERHEAD															\$ 22,598
PROFIT															\$ 67,793
INSURANCE															\$ 4,620
CONTINGENCY															\$ 9,039
NET TOTAL															\$ 555,906

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name:	ARCADIA AT CAROLINA FOREST
Location:	MYRTLE BEACH, SC



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
23. HEATING VENTILATING & AIR CONDITIONING (HVAC)															
\$59,403															
DUCTWORK															
1		EA-4" Dia Exhaust Duct	6.5	5%	6.9	LF	\$ 5.20	\$ 36	0.100	0.69	\$ 40.00	\$ 27	\$ 63		
2		EA-8" Dia Exhaust Duct	7.2	5%	7.6	LF	\$ 9.65	\$ 73	0.190	1.44	\$ 40.00	\$ 58	\$ 131		
3		EA-6" Dia Exhaust Duct	4.7	5%	4.9	LF	\$ 7.34	\$ 36	0.148	0.73	\$ 40.00	\$ 29	\$ 66		
4		SA-5" Dia Supply Duct	8.8	5%	9.2	LF	\$ 8.54	\$ 79	0.170	1.57	\$ 40.00	\$ 63	\$ 141		
5		SA-7" Dia Supply Duct	20.0	5%	21.0	LF	\$ 8.23	\$ 173	0.155	3.26	\$ 40.00	\$ 130	\$ 304		
6		SA-12"x10" Supply Duct	6.3	5%	6.6	LF	\$ 17.20	\$ 114	0.345	2.29	\$ 40.00	\$ 92	\$ 206		
7		FL-7" Dia Flexible Duct	18.3	5%	19.2	LF	\$ 8.56	\$ 164	0.155	2.98	\$ 40.00	\$ 119	\$ 283		
8		FL-6" Dia Flexible Duct	9.0	5%	9.4	LF	\$ 7.68	\$ 72	0.149	1.40	\$ 40.00	\$ 56	\$ 128		
9		FL-5" Dia Flexible Duct	6.0	5%	6.3	LF	\$ 7.20	\$ 46	0.145	0.92	\$ 40.00	\$ 37	\$ 82		
EQUIPMENTS															
10		AHU-DOG, Air Handling Unit, PKA-A12,290CFM,0.3LBS	1.0	0%	1.0	EA	\$ 945.00	\$ 945	4.000	4.00	\$ 40.00	\$ 160	\$ 1,105		
11		EF-75, Exhaust Fan, Broan QTXE,75CFM,12LBS	1.0	0%	1.0	EA	\$ 156.00	\$ 156	0.670	0.67	\$ 40.00	\$ 27	\$ 183		
12		EF-CART, Exhaust Fan, Greenheck SP-A,200CFM,17LBS	1.0	0%	1.0	EA	\$ 410.00	\$ 410	1.800	1.80	\$ 40.00	\$ 72	\$ 482		
13		EF-DOG, Exhaust Fan, Broan QTXE,75CFM,12LBS	1.0	0%	1.0	EA	\$ 890.00	\$ 890	3.820	3.82	\$ 40.00	\$ 153	\$ 1,043		
14		EF-M, Exhaust Fan, Greenheck SP-A,200CFM,17LBS	1.0	0%	1.0	EA	\$ 410.00	\$ 410	1.800	1.80	\$ 40.00	\$ 72	\$ 482		
15		HP-DOG, Heat Pump, PUZ-A12,290CFM,0.3LBS	1.0	0%	1.0	EA	\$ 890.00	\$ 890	3.820	3.82	\$ 40.00	\$ 153	\$ 1,043		
16		SP-M, Pump(Detail Not Given)	1.0	0%	1.0	EA	\$ 1,560.00	\$ 1,560	6.800	6.80	\$ 40.00	\$ 272	\$ 1,832		
17		WL-1, Wall Louver,ESD-435,200CFM	1.0	0%	1.0	EA	\$ 475.00	\$ 475	2.000	2.00	\$ 40.00	\$ 80	\$ 555		
AIR GRILLES															
18		A-150CFM,12"x6", Supply Register,Airmate 100	3.0	0%	3.0	EA	\$ 209.00	\$ 627	0.900	2.70	\$ 40.00	\$ 108	\$ 735		
19		B-50CFM,8"x6", Supply Register,Airmate A100	1.0	0%	1.0	EA	\$ 118.00	\$ 118	0.510	0.51	\$ 40.00	\$ 20	\$ 138		
20		A-100CFM,10"x6", Supply Register,Airmate 100	1.0	0%	1.0	EA	\$ 150.00	\$ 150	0.645	0.65	\$ 40.00	\$ 26	\$ 176		
MISCELLANEOUS															
21		Thermostat	2.0	0%	2.0	EA	\$ 95.00	\$ 190	0.500	1.00	\$ 40.00	\$ 40	\$ 230		
DUCT SUPPORT															
22		3/8" Threaded Rod	3157.2	0%	3157.2	EA	\$ 4.94	\$ 15,597	0.167	527.25	\$ 40.00	\$ 21,090	\$ 36,687		
23		1" x 22 Ga. Strap	1578.6	0%	1578.6	EA	\$ 3.75	\$ 5,920	0.117	184.70	\$ 40.00	\$ 7,388	\$ 13,308		
SUB TOTAL															
OVERHEAD															
5%															
PROFIT															
15%															
INSURANCE															
1%															
CONTINGENCY															
2%															
NET TOTAL															
\$ 73,065															

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name: ARCADIA AT CAROLINA FOREST
 Location: MYRTLE BEACH, SC



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
23. HEATING VENTILATING & AIR CONDITIONING (HVAC)															\$67,134
DUCTWORK															
1		OA-10" Dia Outside Duct	3.6	5%	3.8	LF	\$ 11.36	\$ 43	0.227	0.86	\$ 40.00	\$ 34	\$ 77		
2		OA-8" Dia Outside Duct	3.0	5%	3.2	LF	\$ 9.89	\$ 31	0.198	0.62	\$ 40.00	\$ 25	\$ 56		
3		OA-9" Dia Outside Duct	3.9	5%	4.1	LF	\$ 10.25	\$ 42	0.205	0.84	\$ 40.00	\$ 33	\$ 75		
4		RA-12" Dia Return Duct	39.4	5%	41.4	LF	\$ 13.10	\$ 542	0.335	13.87	\$ 40.00	\$ 555	\$ 1,097		
5		RA-14" Dia Return Duct	14.1	5%	14.8	LF	\$ 15.22	\$ 225	0.405	5.98	\$ 40.00	\$ 239	\$ 464		
6		RA-14x12" Return Duct	2.2	5%	2.4	LF	\$ 20.60	\$ 48	0.410	0.96	\$ 40.00	\$ 39	\$ 87		
7		RA-16" Dia Return Duct	5.1	5%	5.3	LF	\$ 15.88	\$ 90	0.489	2.61	\$ 40.00	\$ 104	\$ 194		
8		RA-16x14" Return Duct	5.6	5%	5.8	LF	\$ 24.40	\$ 143	0.488	2.85	\$ 40.00	\$ 114	\$ 257		
9		RA-18x14" Return Duct	8.9	5%	9.3	LF	\$ 25.75	\$ 240	0.520	4.85	\$ 40.00	\$ 194	\$ 435		
10		RA-7" Dia Return Duct	4.6	5%	4.9	LF	\$ 7.89	\$ 38	0.159	0.77	\$ 40.00	\$ 31	\$ 69		
11		RA-8" Dia Return Duct	4.6	5%	4.8	LF	\$ 9.65	\$ 46	0.190	0.92	\$ 40.00	\$ 37	\$ 83		
12		SA-14x10" Supply Duct	4.2	5%	4.4	LF	\$ 19.50	\$ 85	0.410	1.79	\$ 40.00	\$ 71	\$ 156		
13		SA-18x14" Supply Duct	26.0	5%	26.3	LF	\$ 26.55	\$ 697	0.533	13.99	\$ 40.00	\$ 560	\$ 1,257		
14		SA-5" Dia Supply Duct	7.1	5%	7.4	LF	\$ 8.54	\$ 63	0.170	1.26	\$ 40.00	\$ 50	\$ 114		
15		SA-6" Dia Supply Duct	11.8	5%	12.4	LF	\$ 7.59	\$ 99	0.148	1.84	\$ 40.00	\$ 73	\$ 173		
16		SA-7" Dia Supply Duct	82.8	5%	87.0	LF	\$ 8.86	\$ 771	0.148	12.87	\$ 40.00	\$ 515	\$ 1,286		
17		SA-8" Dia Supply Duct	217.3	5%	228.1	LF	\$ 8.20	\$ 1,871	0.158	36.04	\$ 40.00	\$ 1,442	\$ 3,312		
18		SA-9" Dia Supply Duct	31.3	5%	32.8	LF	\$ 8.95	\$ 294	0.168	5.52	\$ 40.00	\$ 221	\$ 515		
19		EA-12" Dia Exhaust Duct	31.9	5%	33.4	LF	\$ 13.52	\$ 452	0.270	9.03	\$ 40.00	\$ 361	\$ 813		
20		EA-6" Dia Exhaust Duct	22.8	5%	24.0	LF	\$ 7.34	\$ 176	0.148	3.55	\$ 40.00	\$ 142	\$ 318		
21		EA-7" Dia Exhaust Duct	8.1	5%	8.5	LF	\$ 8.86	\$ 75	0.148	1.26	\$ 40.00	\$ 50	\$ 125		
22		FL-12" Dia Flexible Duct	29.0	5%	30.4	LF	\$ 12.40	\$ 377	0.240	7.30	\$ 40.00	\$ 292	\$ 669		
23		FL-14" Dia Flexible Duct	20.3	5%	21.3	LF	\$ 15.30	\$ 327	0.300	6.40	\$ 40.00	\$ 256	\$ 583		
24		FL-16" Dia Flexible Duct	6.0	5%	6.2	LF	\$ 18.60	\$ 116	0.360	2.25	\$ 40.00	\$ 90	\$ 206		
25		FL-5" Dia Flexible Duct	6.6	5%	6.9	LF	\$ 8.54	\$ 59	0.170	1.17	\$ 40.00	\$ 47	\$ 106		
26		FL-6" Dia Flexible Duct	29.8	5%	31.3	LF	\$ 7.99	\$ 250	0.148	4.63	\$ 40.00	\$ 185	\$ 436		
27		FL-7" Dia Flexible Duct	77.5	5%	81.4	LF	\$ 8.86	\$ 721	0.148	12.05	\$ 40.00	\$ 482	\$ 1,203		
28		FL-8" Dia Flexible Duct	276.6	5%	292.6	LF	\$ 8.20	\$ 2,399	0.158	46.22	\$ 40.00	\$ 1,849	\$ 4,248		
AIR DEVICES															
29		A-120CFM, 10"x6", Supply Register, Airmate 100	1.0	0%	1.0	EA	\$ 168.00	\$ 168	0.720	0.72	\$ 40.00	\$ 29	\$ 197		
30		A-130CFM, 12"x6", Supply Register, Airmate 100	1.0	0%	1.0	EA	\$ 184.00	\$ 184	0.790	0.79	\$ 40.00	\$ 32	\$ 216		
31		A-150CFM, 12"x6", Supply Register, Airmate 100	3.0	0%	3.0	EA	\$ 209.00	\$ 627	0.900	2.70	\$ 40.00	\$ 108	\$ 735		
32		A-150CFM, 14"x6", Supply Register, Airmate 100	3.0	0%	3.0	EA	\$ 218.00	\$ 654	0.940	2.82	\$ 40.00	\$ 113	\$ 767		
33		A-175CFM, 14"x6", Supply Register, Airmate 100	2.0	0%	2.0	EA	\$ 234.00	\$ 468	1.000	2.00	\$ 40.00	\$ 80	\$ 548		
34		A-185CFM, 14"x6", Supply Register, Airmate 100	2.0	0%	2.0	EA	\$ 250.00	\$ 500	1.090	2.18	\$ 40.00	\$ 87	\$ 587		
35		A-200CFM, 14"x6", Supply Register, Airmate 100	10.0	0%	10.0	EA	\$ 288.00	\$ 2,880	1.150	11.50	\$ 40.00	\$ 460	\$ 3,140		
36		A-65CFM, 10"x6", Supply Register, Airmate 100	2.0	0%	2.0	EA	\$ 125.00	\$ 250	0.540	1.08	\$ 40.00	\$ 43	\$ 293		
37		B-100CFM, 10"x6", Supply Register, Airmate A100	1.0	0%	1.0	EA	\$ 148.00	\$ 148	0.635	0.64	\$ 40.00	\$ 25	\$ 173		
38		B-50CFM, 8"x6", Supply Register, Airmate A100	1.0	0%	1.0	EA	\$ 118.00	\$ 118	0.510	0.51	\$ 40.00	\$ 20	\$ 138		
39		C-10"x10" R/A Grill, Return, Airmate 170	4.0	0%	4.0	EA	\$ 130.00	\$ 520	0.560	2.24	\$ 40.00	\$ 90	\$ 610		
40		C-14"x14" R/A Grill, Return, Airmate 170	2.0	0%	2.0	EA	\$ 176.00	\$ 352	0.750	1.50	\$ 40.00	\$ 60	\$ 412		
41		C-16"x16" R/A Grill, Return, Airmate 170	3.0	0%	3.0	EA	\$ 200.00	\$ 600	0.860	2.58	\$ 40.00	\$ 103	\$ 703		
42		C-20"x20" R/A Grill, Return, Airmate 170	1.0	0%	1.0	EA	\$ 245.00	\$ 245	1.000	1.00	\$ 40.00	\$ 40	\$ 285		
43		C-8"x8" R/A Grill, Return, Airmate 170	2.0	0%	2.0	EA	\$ 130.00	\$ 260	0.560	1.12	\$ 40.00	\$ 45	\$ 305		
44		D-120CFM, 12"x6", Titus 300RS, Supply	1.0	0%	1.0	EA	\$ 186.00	\$ 186	0.800	0.80	\$ 40.00	\$ 32	\$ 218		
45		D-140CFM, 12"x6", Titus 300RS, Supply	2.0	0%	2.0	EA	\$ 208.00	\$ 416	0.890	1.78	\$ 40.00	\$ 71	\$ 487		
46		D-150CFM, 12"x6", Titus 300RS, Supply	1.0	0%	1.0	EA	\$ 220.00	\$ 220	0.945	0.95	\$ 40.00	\$ 38	\$ 258		
47		D-200CFM, 14"x6", Titus 300RS, Supply	3.0	0%	3.0	EA	\$ 265.00	\$ 795	1.150	3.45	\$ 40.00	\$ 138	\$ 933		
EQUIPMENTS															
48		AHU-FIT, Air Handling Unit, ASPT49, 1600CFM, 167LBS	1.0	0%	1.0	EA	\$ 3,890.00	\$ 3,890	16.000	16.00	\$ 40.00	\$ 640	\$ 4,530		
49		AHU-Game, Air Handling Unit, ASPT49, 1600CFM, 167LBS	1.0	0%	1.0	EA	\$ 3,890.00	\$ 3,890	16.000	16.00	\$ 40.00	\$ 640	\$ 4,530		
50		AHU-Lesse, Air Handling Unit, ASPT47, 1400CFM, 155LBS	1.0	0%	1.0	EA	\$ 3,460.00	\$ 3,460	15.000	15.00	\$ 40.00	\$ 600	\$ 4,060		
51		AHU-Work, Air Handling Unit, ASPT25, 800CFM, 116LBS	1.0	0%	1.0	EA	\$ 2,520.00	\$ 2,520	11.000	11.00	\$ 40.00	\$ 440	\$ 2,960		
52		CU-AV, Condensing Unit PUY-A12, 320CFM, 92LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
53		DFC-AV, Fan Coil Unit, PKA-A-12, 320CFM, 29LBS	1.0	0%	1.0	EA	\$ 1,165.00	\$ 1,165	5.000	5.00	\$ 40.00	\$ 200	\$ 1,365		
54		EF-1, Exhaust Fan, Brown, QTXE, 75CFM	1.0	0%	1.0	EA	\$ 180.00	\$ 180	0.780	0.78	\$ 40.00	\$ 31	\$ 211		
55		EF-2, Exhaust Fan, Brown, L150, 150CFM	2.0	0%	2.0	EA	\$ 345.00	\$ 690	1.500	3.00	\$ 40.00	\$ 120	\$ 810		
56		EW-H-1.0, Electric Water Heater	1.0	0%	1.0	EA	\$ 1,890.00	\$ 1,890	8.000	8.00	\$ 40.00	\$ 320	\$ 2,210		
57		HP-FIL, Heat Pump, GSZ14049, 1600CFM, 273LBS	1.0	0%	1.0	EA	\$ 2,975.00	\$ 2,975	13.000	13.00	\$ 40.00	\$ 520	\$ 3,495		
58		HP-Game, Heat Pump, GSZ14049, 1600CFM, 273LBS	1.0	0%	1.0	EA	\$ 2,975.00	\$ 2,975	13.000	13.00	\$ 40.00	\$ 520	\$ 3,495		
59		HP-Lesse, Heat Pump, GSZ14024, 800CFM, 143LBS	1.0	0%	1.0	EA	\$ 1,685.00	\$ 1,685	7.200	7.20	\$ 40.00	\$ 288	\$ 1,973		
60		HP-Work, Heat Pump, GSZ14042, 1400CFM, 191LBS	1.0	0%	1.0	EA	\$ 2,580.00	\$ 2,580	11.000	11.00	\$ 40.00	\$ 440	\$ 3,020		
MISCELLANEOUS															
61		Thermostat	5.0	0%	5.0	EA	\$ 95.00	\$ 475	0.500	2.50	\$ 40.00	\$ 100	\$ 575		
DUCT SUPPORT															
62		3/8" Threaded Rod	196.8	0%	196.8	EA	\$ 4.94	\$ 972	0.167	32.87	\$ 40.00	\$ 1,315	\$ 2,287		
63		1" x 22 Ga. Strap	98.4	0%	98.4	EA	\$ 3.75	\$ 369	0.117	11.51	\$ 40.00	\$ 461	\$ 830		
SUB TOTAL													\$67,134		
OVERHEAD													5%	\$ 3,357	
PROFIT													15%	\$ 10,070	
INSURANCE													1%	\$ 671	
CONTINGENCY													2%	\$ 1,343	
NET TOTAL														\$ 82,575	