

GENERAL SUMMARY

Prepared for: Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054 Mount Laurel
Project ID: 12022025
Scope: HVAC
No. Of Floors: 4
Date: 28-Sep-26

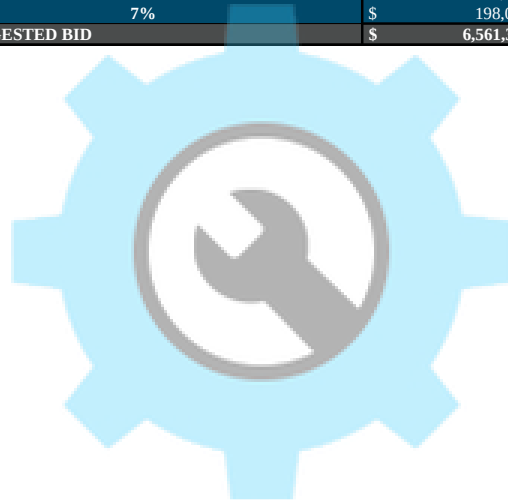


BUILDING GSF		240,000	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 211,500	\$
23000	HVAC	\$ 4,088,013	\$
TOTAL TRADE COST		\$ 4,299,513	\$
OVERHEAD	15%	\$ 644,927	\$
PROFIT	15%	\$ 644,927	\$
SUB-CONTRACTOR FEE	10%	\$ 429,951	\$
INSURANCE	3%	\$ 128,985	\$
CONTINGENCY	5%	\$ 214,976	\$
TAX	7%	\$ 198,087	\$
SUGGESTED BID		\$ 6,561,367	\$

DIVISION COST COMPARISON

☐ DIVISION COST COMPARISON

\$4,500,000			
\$4,000,000			
\$3,500,000			
\$3,000,000			
\$2,500,000			
\$2,000,000			
\$1,500,000			
\$1,000,000			
\$500,000			



MEP Estimation

DETAILED BREAKDOWN OF ITEMS															
Prepared for:		Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054 Mount Laurel													
Project ID:		12022025													
Scope:		HVAC													
														Date:	28-Sep-26
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
GENERAL REQUIREMENTS															
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ 80,000.00	\$ 80,000.00	
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ 19,000.00	\$ 19,000.00	
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ 75,000.00	\$ 75,000.00	
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ 37,500.00	\$ 37,500.00	
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
														SUBTOTAL	\$ 211,500
HVAC															
FLEXIBLE DUCT															
8			6" Dia Flexible Duct	LF	171	10%	189	0.07	\$ 75.00	\$ 5.25	\$ 1.67	\$ 6.92	\$ 1,305.23		
9			7" Dia Flexible Duct	LF	8	10%	9	0.08	\$ 75.00	\$ 5.63	\$ 2.18	\$ 7.81	\$ 69.30		
10			8" Dia Flexible Duct	LF	290	10%	319	0.08	\$ 75.00	\$ 6.00	\$ 2.05	\$ 8.05	\$ 2,826.75		
11			10" Dia Flexible Duct	LF	10	10%	11	0.09	\$ 75.00	\$ 6.75	\$ 3.39	\$ 10.14	\$ 111.54		
12			12" Dia Flexible Duct	LF	4	10%	4	0.10	\$ 75.00	\$ 7.50	\$ 3.75	\$ 11.25	\$ 49.50		
REFRIGERANT PIPE															
Assumed Type "ACR" Copper Pipe															
13			1/4" Dia Refrigerant Liquid Pipe	LF	1538	10%	1681	0.071	\$ 75.00	\$ 5.33	\$ 3.08	\$ 8.40	\$ 14,125.12		
14			1/2" Dia Refrigerant Liquid Pipe	LF	276	10%	304	0.077	\$ 75.00	\$ 5.78	\$ 3.29	\$ 9.07	\$ 2,755.19		
15			3/8" Dia Refrigerant Liquid Pipe	LF	3740	10%	4114	0.074	\$ 75.00	\$ 5.51	\$ 2.19	\$ 7.70	\$ 31,688.42		
16			5/8" Dia Refrigerant Liquid Pipe	LF	281	10%	309	0.078	\$ 75.00	\$ 5.85	\$ 4.28	\$ 10.13	\$ 3,134.41		
17			1/2" Dia Refrigerant Suction Pipe	LF	1528	10%	1681	0.077	\$ 75.00	\$ 5.78	\$ 3.29	\$ 9.07	\$ 15,244.84		
18			5/8" Dia Refrigerant Suction Pipe	LF	3331	10%	3664	0.078	\$ 75.00	\$ 5.85	\$ 4.28	\$ 10.13	\$ 37,113.13		
19			7/8" Dia Refrigerant Suction Pipe	LF											



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Scope:		HVAC											
										Date:		28-Sep-26	
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
94			Associated With Energy Recovery Ventilator.	EA	1	0%	1	22.00	\$ 75.00	\$ 1,650.00	\$ 4,800.00	\$ 6,450.00	\$ 6,450.00
			RADIANT OUTDOOR ELECTRIC HEATER										
95			REH-1A: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1	0%	1	10.50	\$ 75.00	\$ 787.50	\$ 2,540.00	\$ 3,327.50	\$ 3,327.50
96			REH-1B: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1	0%	1	10.50	\$ 75.00	\$ 787.50	\$ 2,540.00	\$ 3,327.50	\$ 3,327.50
97			REH-2A: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1	0%	1	10.50	\$ 75.00	\$ 787.50	\$ 2,540.00	\$ 3,327.50	\$ 3,327.50
98			REH-2B: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1	0%	1	10.50	\$ 75.00	\$ 787.50	\$ 2,540.00	\$ 3,327.50	\$ 3,327.50
			COMMON AREA SPLIT VEV SYSTEM INDOOR										
99			AHU 1.1: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	4.50	\$ 75.00	\$ 337.50	\$ 4,500.00	\$ 4,837.50	\$ 4,837.50
100			AHU 1.2: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 1000, ESP (IN H)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
101			AHU 1.3: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H2)	EA	1	0%	1	4.80	\$ 75.00	\$ 360.00	\$ 4,800.00	\$ 5,160.00	\$ 5,160.00
102			AHU 2.1: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 800, ESP (IN H2)	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 3,200.00	\$ 3,500.00	\$ 3,500.00
103			AHU 2.2: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 353, Cooling Tot	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 3,200.00	\$ 3,500.00	\$ 3,500.00
104			AHU 2.3A: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling Tot	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,200.00	\$ 5,575.00	\$ 5,575.00
105			AHU 2.3B: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling Tot	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,200.00	\$ 5,575.00	\$ 5,575.00
106			AHU 2.4: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 1400, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,500.00	\$ 6,912.50	\$ 6,912.50
107			AHU 2.5: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 1400, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,500.00	\$ 6,912.50	\$ 6,912.50
108			AHU 2.6: Air Handling Unit, DAIKIN FXTQ36TAVJUA, CFM: 1050, ESP (IN H)	EA	1	0%	1	5.20	\$ 75.00	\$ 390.00	\$ 6,000.00	\$ 6,390.00	\$ 6,390.00
109			AHU 2.7: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 400, ESP (IN H2)	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 3,200.00	\$ 3,500.00	\$ 3,500.00
110			AHU 2.8: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
111			AHU 2.9: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H2)	EA	1	0%	1	4.80	\$ 75.00	\$ 360.00	\$ 4,800.00	\$ 5,160.00	\$ 5,160.00
112			AHU 3.1: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,800.00	\$ 7,212.50	\$ 7,212.50
113			AHU 3.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1800, ESP (IN H)	EA	1	0%	1	5.80	\$ 75.00	\$ 435.00	\$ 7,200.00	\$ 7,635.00	\$ 7,635.00
114			AHU 3.3: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
115			AHU 3.4: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,800.00	\$ 7,212.50	\$ 7,212.50
116			AHU 4.1: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,800.00	\$ 7,212.50	\$ 7,212.50
117			AHU 4.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,800.00	\$ 7,212.50	\$ 7,212.50
118			AHU 5.1: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,500.00	\$ 6,912.50	\$ 6,912.50
119			AHU 5.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,500.00	\$ 6,912.50	\$ 6,912.50
120			AHU 5.3: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
121			AHU 5.4: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
122			AHU 5.5A: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,500.00	\$ 6,912.50	\$ 6,912.50
123			AHU 5.5B: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,500.00	\$ 6,912.50	\$ 6,912.50
124			AHU 6.1: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
125			AHU 6.2: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
126			AHU 6.3: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 1000, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,200.00	\$ 5,575.00	\$ 5,575.00
127			AHU 6.4A: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling Tot	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,200.00	\$ 5,575.00	\$ 5,575.00
128			AHU 6.4B: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling Tot	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,200.00	\$ 5,575.00	\$ 5,575.00
129			AHU 7.1: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 1000, ESP (IN H)	EA	1	0%	1	4.50	\$ 75.00	\$ 337.50	\$ 4,500.00	\$ 4,837.50	\$ 4,837.50
130			AHU 7.2: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 353, Cooling Tot	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 3,200.00	\$ 3,500.00	\$ 3,500.00
131			AHU 7.3: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
132			AHU 7.4: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H2)	EA	1	0%	1	4.80	\$ 75.00	\$ 360.00	\$ 4,800.00	\$ 5,160.00	\$ 5,160.00
133			AHU 7.5: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 400, ESP (IN H2)	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 3,200.00	\$ 3,500.00	\$ 3,500.00
134			AHU 8.1: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2)	EA	1	0%	1	5.00	\$ 75.00	\$ 375.00	\$ 5,000.00	\$ 5,375.00	\$ 5,375.00
135			AHU 8.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H)	EA	1	0%	1	5.50	\$ 75.00	\$ 412.50	\$ 6,500.00	\$ 6,912.50	\$ 6,912.50
136	M-201A, M-201B, M-201C, M-201D, M-201E, M-201F, M-201G, M-201H, M-201I, M-201J, M-201K, M-201L, M-201M, M-201N, M-201O, M-201P, M-201Q, M-201R, M-201S, M-201T, M-201U, M-201V, M-201W, M-201X, M-201Y, M-201Z, M-202A, M-202B, M-202C, M-202D, M-202E, M-202F, M-202G, M-202H, M-202I, M-202J, M-202K, M-202L, M-202M, M-202N, M-202O, M-202P, M-202Q, M-202R, M-202S, M-202T, M-202U, M-202V, M-202W, M-202X, M-202Y, M-202Z, M-203A, M-203B, M-203C, M-203D, M-203E, M-203F, M-203G, M-203H, M-203I, M-203J, M-203K, M-203L, M-203M, M-203N, M-203O, M-203P, M-203Q, M-203R, M-203S, M-203T, M-203U, M-203V, M-203W, M-203X, M-203Y, M-203Z, M-204A, M-204B, M-204C, M-204D, M-204E, M-204F, M-204G, M-204H, M-204I, M-204J, M-204K, M-204L, M-204M, M-204N, M-204O, M-204P, M-204Q, M-204R, M-204S, M-204T, M-204U, M-204V, M-204W, M-204X, M-204Y, M-204Z, M-205A, M-205B, M-205C, M-205D, M-205E, M-205F, M-205G, M-205H, M-205I, M-205J, M-205K, M-205L, M-205M, M-205N, M-205O, M-205P, M-205Q, M-205R, M-205S, M-205T, M-205U, M-205V, M-205W, M-205X, M-205Y, M-205Z, M-206A, M-206B, M-206C, M-206D, M-206E, M-206F, M-206G, M-206H, M-206I, M-206J, M-206K, M-206L, M-206M, M-206N, M-206O, M-206P, M-206Q, M-206R, M-206S, M-206T, M-206U, M-206V, M-206W, M-206X, M-206Y, M-206Z, M-207A, M-207B, M-207C, M-207D, M-207E, M-207F, M-207G, M-207H, M-207I, M-207J, M-207K, M-207L, M-207M, M-207N, M-207O, M-207P, M-207Q, M-207R, M-207S, M-207T, M-207U, M-207V, M-207W, M-207X, M-207Y, M-207Z, M-208A, M-208B, M-208C, M-208D, M-208E, M-208F, M-208G, M-208H, M-208I, M-208J, M-208K, M-208L, M-208M, M-208N, M-208O, M-208P, M-208Q, M-208R, M-208S, M-208T, M-208U, M-208V, M-208W, M-208X, M-208Y, M-208Z, M-209A, M-209B, M-209C, M-209D, M-209E, M-209F, M-209G, M-209H, M-209I, M-209J, M-209K, M-209L, M-209M, M-209N, M-209O, M-209P, M-209Q, M-209R, M-209S, M-209T, M-209U, M-209V, M-209W, M-209X, M-209Y, M-209Z, M-210A, M-210B, M-210C, M-210D, M-210E, M-210F, M-210G, M-210H, M-210I, M-210J, M-210K, M-210L, M-210M, M-210N, M-210O, M-210P, M-210Q, M-210R, M-210S, M-210T, M-210U, M-210V, M-210W, M-210X, M-210Y, M-210Z, M-211A, M-211B, M-211C, M-211D, M-211E, M-211F, M-211G, M-211H, M-211I, M-211J, M-211K, M-211L, M-211M, M-211N, M-211O, M-211P, M-211Q, M-211R, M-211S, M-211T, M-211U, M-211V, M-211W, M-211X, M-211Y, M-211Z, M-212A, M-212B, M-212C, M-212D, M-212E, M-212F, M-212G, M-212H, M-212I, M-212J, M-212K, M-212L, M-212M, M-212N, M-212O, M-212P, M-212Q, M-212R, M-212S, M-212T, M-212U, M-212V, M-212W, M-212X, M-212Y, M-212Z, M-213A, M-213B, M-213C, M-213D, M-213E, M-213F, M-213G, M-213H, M-213I, M-213J, M-213K, M-213L, M-213M, M-213N, M-213O, M-213P, M-213Q, M-213R, M-213S, M-213T, M-213U, M-213V, M-213W, M-213X, M-213Y, M-213Z, M-214A, M-214B, M-214C, M-214D, M-214E, M-214F, M-214G, M-214H, M-214I, M-214J, M-214K, M-214L, M-214M, M-214N, M-214O, M-214P, M-214Q, M-214R, M-214S, M-214T, M-214U, M-214V, M-214W, M-214X, M-214Y, M-214Z, M-215A, M-215B, M-215C, M-215D, M-215E, M-215F, M-215G, M-215H, M-215I, M-215J, M-215K, M-215L, M-215M, M-215N, M-215O, M-215P, M-215Q, M-215R, M-215S, M-215T, M-215U, M-215V, M-215W, M-215X, M-215Y, M-215Z, M-216A, M-216B, M-216C, M-216D, M-216E, M-216F, M-216G, M-216H, M-216I, M-216J, M-216K, M-216L, M-216M, M-216N, M-216O, M-216P, M-216Q, M-216R, M-216S, M-216T, M-216U, M-216V, M-216W, M-216X, M-216Y, M-216Z, M-217A, M-217B, M-217C, M-217D, M-217E, M-217F, M-217G, M-217H, M-217I, M-217J, M-217K, M-217L, M-217M, M-217N, M-217O, M-217P, M-21												

DETAILED BREAKDOWN OF ITEMS													
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Scope: HVAC													
												Date: 28-Sep-26	
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MAN/ HOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
203			2: Damper Shall Be Controlled Via Thermostat And Fire Alarm. Set Point Shall	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 1,244.62	\$ 1,544.62	\$ 1,544.62
204			LP-2: GREENHECK WRH Length (IN): 26, Width (IN): 26, Height (IN): 12-1/4,	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 1,244.62	\$ 1,544.62	\$ 1,544.62
205			EXHAUST FAN										
206			Fan HP (Watts): (16.4 W); Sound Level (Sones): 0.3; Electrical: 120/160	EA	107	0%	107	1.00	\$ 75.00	\$ 75.00	\$ 187.50	\$ 262.50	\$ 28,087.50
207			EF-1: Exhaust Fan, GREENHECK CUBE-220HP, CFM: 4420, Esp (IN H20): 2.0,	EA	1	0%	1	4.00	\$ 75.00	\$ 300.00	\$ 3,583.00	\$ 3,883.00	\$ 3,883.00
208			EF-2: Exhaust Fan, GREENHECK SO-95-VG, CFM: 600, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.50	\$ 75.00	\$ 187.50	\$ 1,024.00	\$ 1,211.50	\$ 1,211.50
209			EF-3: Exhaust Fan, GREENHECK SO-100-VG, CFM: 780, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 924.00	\$ 1,074.00	\$ 1,074.00
210			EF-4: Exhaust Fan, GREENHECK SO-90-VG, CFM: 450, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 682.00	\$ 832.00	\$ 832.00
211			EF-5: Exhaust Fan, GREENHECK SO-90-VG, CFM: 450, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 682.00	\$ 832.00	\$ 832.00
212			EF-6: Exhaust Fan, GREENHECK SO-80-VG, CFM: 250, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 572.00	\$ 722.00	\$ 722.00
213			EF-7: Exhaust Fan, GREENHECK SO-80-VG, CFM: 250, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 572.00	\$ 722.00	\$ 722.00
214			EF-8: Exhaust Fan, GREENHECK USF-13-B7, CFM: 1280, Esp (IN H20): 1.0, Fan	EA	1	0%	1	3.00	\$ 75.00	\$ 225.00	\$ 1,496.00	\$ 1,721.00	\$ 1,721.00
215			EF-9: Exhaust Fan, GREENHECK USF-12-B7, CFM: 760, Esp (IN H20): 1.0, Fan	EA	1	0%	1	2.50	\$ 75.00	\$ 187.50	\$ 1,144.00	\$ 1,331.50	\$ 1,331.50
216			EF-10: Exhaust Fan, GREENHECK SQ-95-VG, CFM: 600, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 792.00	\$ 942.00	\$ 942.00
217			EF-11: Exhaust Fan, GREENHECK SQ-90-VG, CFM: 400, Esp (IN H20): 0.5, Fan	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 660.00	\$ 810.00	\$ 810.00
218			EF-12: Exhaust Fan, GREENHECK SP-A200, CFM: 200, Esp (IN H20): 0.35, Fan	EA	1	0%	1	1.50	\$ 75.00	\$ 112.50	\$ 484.00	\$ 596.50	\$ 596.50
219			EF-13: Exhaust Fan, GREENHECK USF-12-B7, CFM: 865, Esp (IN H20): 1.0, Fan	EA	1	0%	1	2.50	\$ 75.00	\$ 187.50	\$ 1,144.00	\$ 1,331.50	\$ 1,331.50
220			EF-14: Exhaust Fan, GREENHECK CUBE-140, CFM: 1000, Esp (IN H20): 1.25, Fan	EA	1	0%	1	3.00	\$ 75.00	\$ 225.00	\$ 1,430.00	\$ 1,655.00	\$ 1,655.00
221			EF-15: Exhaust Fan, GREENHECK USF-12-B7, CFM: 885, Esp (IN H20): 1.0, Fan	EA	1	0%	1	2.50	\$ 75.00	\$ 187.50	\$ 1,144.00	\$ 1,331.50	\$ 1,331.50
222			EF-16: Exhaust Fan, GREENHECK CUBE-140, CFM: 1000, Esp (IN H20): 1.25, Fan	EA	1	0%	1	3.00	\$ 75.00	\$ 225.00	\$ 1,430.00	\$ 1,655.00	\$ 1,655.00
223			EF-17: Exhaust Fan, GREENHECK SP-A90, CFM: 50, Esp (IN H20): 0.35, Fan H	EA	1	0%	1	1.00	\$ 75.00	\$ 75.00	\$ 308.00	\$ 383.00	\$ 383.00
224			EF-18: Exhaust Fan, GREENHECK CSP-A190, CFM: 100, Esp (IN H20): 0.5, Fan	EA	1	0%	1	1.00	\$ 75.00	\$ 75.00	\$ 396.00	\$ 471.00	\$ 471.00
225			DAMPERS										
226			8"x8" Volume Damper	EA	1	0%	1	0.55	\$ 75.00	\$ 41.25	\$ 79.50	\$ 120.75	\$ 120.75
227			10"x8" Volume Damper	EA	3	0%	3	0.60	\$ 75.00	\$ 45.00	\$ 84.20	\$ 129.20	\$ 387.60
228			10"x10" Volume Damper	EA	1	0%	1	0.65	\$ 75.00	\$ 48.75	\$ 89.75	\$ 138.50	\$ 138.50
229			12"x6" Volume Damper	EA	2	0%	2	0.60	\$ 75.00	\$ 45.00	\$ 94.40	\$ 139.40	\$ 278.80
230			12"x8" Volume Damper	EA	4	0%	4	0.65	\$ 75.00	\$ 48.75	\$ 99.25	\$ 148.00	\$ 592.00
231			12"x10" Volume Damper	EA	5	0%	5	0.70	\$ 75.00	\$ 52.50	\$ 104.10	\$ 156.60	\$ 783.00
232			12"x12" Volume Damper	EA	6	0%	6	0.75	\$ 75.00	\$ 56.25	\$ 109.95	\$ 166.20	\$ 997.20
233			14"x8" Volume Damper	EA	4	0%	4	0.85	\$ 75.00	\$ 63.75	\$ 119.30	\$ 183.05	\$ 732.20
234			14"x10" Volume Damper	EA	5	0%	5	0.90	\$ 75.00	\$ 67.50	\$ 124.50	\$ 192.00	\$ 960.00
235			14"x14" Volume Damper	EA	2	0%	2	1.00	\$ 75.00	\$ 75.00	\$ 134.75	\$ 209.75	\$ 419.50
236			16"x6" Volume Damper	EA	8	0%	8	0.90	\$ 75.00	\$ 67.50	\$ 129.80	\$ 197.30	\$ 1,578.40
237			16"x8" Volume Damper	EA	4	0%	4	0.95	\$ 75.00	\$ 71.25	\$ 139.20	\$ 210.45	\$ 841.80
238			16"x10" Volume Damper	EA	5	0%	5	1.05	\$ 75.00	\$ 78.75	\$ 149.50	\$ 228.25	\$ 1,141.25
239			18"x6" Volume Damper	EA	1	0%	1	0.95	\$ 75.00	\$ 71.25	\$ 144.60	\$ 215.85	\$ 215.85
240			18"x8" Volume Damper	EA	2	0%	2	1.05	\$ 75.00	\$ 78.75	\$ 154.25	\$ 233.00	\$ 466.00
241			18"x10" Volume Damper	EA	2	0%	2	1.15	\$ 75.00	\$ 86.25	\$ 164.80	\$ 251.05	\$ 502.10
242			20"x6" Volume Damper	EA	1	0%	1	1.10	\$ 75.00	\$ 82.50	\$ 169.50	\$ 252.00	\$ 252.00
243			20"x8" Volume Damper	EA	2	0%	2	1.20	\$ 75.00	\$ 90.00	\$ 179.20	\$ 269.20	\$ 538.40
244			20"x10" Volume Damper	EA	5	0%	5	1.25	\$ 75.00	\$ 93.75	\$ 184.75	\$ 278.50	\$ 1,392.50
245			20"x12" Volume Damper	EA	1	0%	1	1.35	\$ 75.00	\$ 101.25	\$ 194.50	\$ 295.75	\$ 295.75
246			22"x20" Volume Damper	EA	1	0%	1	2.00	\$ 75.00	\$ 150.00	\$ 239.90	\$ 389.90	\$ 389.90
247			24"x10" Volume Damper	EA	1	0%	1	1.50	\$ 75.00	\$ 112.50	\$ 199.75	\$ 312.25	\$ 312.25
248			26"x10" Volume Damper	EA	2	0%	2	1.55	\$ 75.00	\$ 116.25	\$ 209.80	\$ 326.05	\$ 652.10
249			26"x12 Volume Damper	EA	1	0%	1	1.65	\$ 75.00	\$ 123.75	\$ 224.50	\$ 348.25	\$ 348.25
250			26"x12" Volume Damper	EA	1	0%	1	1.65	\$ 75.00	\$ 123.75	\$ 224.50	\$ 348.25	\$ 348.25
251			26"x16" Volume Damper	EA	2	0%	2	2.10	\$ 75.00	\$ 157.50	\$ 259.90	\$ 417.40	\$ 834.80
252			30"x12" Volume Damper	EA	1	0%	1	2.25	\$ 75.00	\$ 168.75	\$ 299.75	\$ 468.50	\$ 468.50
253			18"x18" Motorized Damper	EA	4	0%	4	2.75	\$ 75.00	\$ 206.25	\$ 275.50	\$ 481.75	\$ 1,927.00
254			DUCT WEIGHT										
255			Galvanized Sheet Metal Duct	LB	86149	10%	94763	0.05	\$ 75.00	\$ 3.75	\$ 2.45	\$ 6.20	\$ 587,532.97
256			DUCT INSULATION										
257			Assumed 1-1/2" Thick Fiberglass Duct Insulation	SF	57563	10%	63319	0.02	\$ 75.00	\$ 1.50	\$ 1.85	\$ 3.35	\$ 212,118.81
258			KITCHEN EXHAUST DUCT INSULATION										
259			Thickness Assumed 3" Thick Fire Wrap Insulation	SF	953	10%	1048	0.04	\$ 75.00	\$ 3.00	\$ 3.12	\$ 6.12	\$ 6,413.64
260			MISCELLANEOUS										
261			Thermostat	EA	153	0%	153	0.60	\$ 75.00	\$ 45.00	\$ 85.75	\$ 130.75	\$ 20,004.75
262			Exhaust Air Louver With Dual Horizontal Connection, XVENT BOX	EA	169	0%	169	0.75	\$ 75.00	\$ 56.25	\$ 210.50	\$ 366.75	\$ 45,080.75
263			Fire Rated Dwyer Box	EA	68	0%	68	1.20	\$ 75.00	\$ 90.00	\$ 350.00	\$ 440.00	\$ 29,920.00
264			Intake Louver Concentric Venting Discharge Kit, 22-1/4" x 22-1/4"	EA	1	0%	1	0.80	\$ 75.00	\$ 60.00	\$ 180.25	\$ 240.25	\$ 240.25
265			Exhaust Air Louver With Dual Horizontal Connection Manufactured By XVENT B	EA	6	0%	6	0.85	\$ 75.00	\$ 63.75	\$ 245.00	\$ 308.75	\$ 1,852.50
266			4" Dia Wall Cap W/ Backdraft Damper	EA	5	0%	5	0.50	\$ 75.00	\$ 37.50	\$ 75.50	\$ 113.00	\$ 565.00
267			6" Dia Wall Cap W/ Backdraft Damper	EA	16	0%	16	0.55	\$ 75.00	\$ 41.25	\$ 82.75	\$ 124.00	\$ 1,984.00
268			4" Dia Wall Cap W/ Bird Screen & Backdraft Damper	EA	7	0%	7	0.60	\$ 75.00	\$ 45.00	\$ 95.25	\$ 140.25	\$ 981.75
269			8" Dia Wall Cap W/ Bird Screen & Backdraft Damper	EA	10	0%	10	0.70	\$ 75.00	\$ 52.50	\$ 120.50	\$ 173.00	\$ 1,730.00
270			6" Dia Goseneck	EA	1	0%	1	0.45	\$ 75.00	\$ 33.75	\$ 105.00	\$ 138.75	\$ 138.75
271			PIPE SUPPORTS										
272			1/4" Dia Adjustable Clevis Hanger	EA	255	0%	255	0.00	\$ 75.00	\$ -	\$ -	\$ -	\$ -
273			3/8" Dia Adjustable Clevis Hanger	EA	623	0%	623	0.00	\$ 75.00	\$ -	\$ -	\$ -	\$ -
274			1/2" Dia Adjustable Clevis Hanger	EA	301	0%	301	0.00	\$ 75.00	\$ -	\$ -	\$ -	\$ -
275			5/8" Dia Adjustable Clevis Hanger	EA	602	0%	602	0.00	\$ 75.00	\$ -	\$ -	\$ -	\$ -
276			3/4" Dia Adjustable Clevis Hanger	EA	57	0%	57	0.00	\$ 75.00	\$ -	\$ -	\$ -	\$ -
277			7/8" Dia Adjustable Clevis Hanger	EA	57	0%	57	0.00	\$ 75.00	\$ -	\$ -	\$ -	\$ -
278			1-1/8" Dia Adjustable Clevis Hanger	EA	186	0%	186	0.00	\$ 75.00	\$ -	\$ -	\$ -	\$ -
279			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	2081	0%	2081	0.10	\$ 75.00	\$ 7.50	\$ 1.97	\$ 9.47	\$ 15,707.07
280			DUCT SUPPORTS										
281			3/8" Threaded Rod	EA	6506	0%	6506	0.15	\$ 75.00	\$ 11.25	\$ 9.57	\$ 20.82	\$ 135,454.92
282			1" x 22 Ga. Strap	EA	3253	0%	3253	0.10	\$ 75.00	\$ 7.50	\$ 3.42	\$ 10.92	\$ 35,522.75
												SUBTOTAL	\$ 4,688,013
												PROJECTED COST	\$4,299,513
OVERHEAD												15%	\$644,927
PROFIT												15%	\$644,927
SUB-CONTRACTOR FEE												10%	\$429,951
INSURANCE												3%	\$128,985
CONTINGENCY												5%	\$214,976
TAX												7%	\$198,087
SUGGESTED BID													\$6,561,367
Notes:													

DETAILED BREAKDOWN OF ITEMS

Prepared for: Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08053
 Project ID: 12022025
 Scope: HVAC



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
GENERAL REQUIREMENTS					
1			Permits	LS	1
2			Supervision and Coordination	LS	1
3			Submittals and Shop drawings	LS	1
4			Final Cleaning	LS	1
5			Mobilization Costs	LS	1
6			Temporary Control & Facilities	LS	1
7			Scaffolding	LS	1
HVAC					
FLEXIBLE DUCT (Cut Length = 10 LF)					
8			6" Dia Flexible Duct	EA	17
9			7" Dia Flexible Duct	EA	1
10			8" Dia Flexible Duct	EA	29
11			10" Dia Flexible Duct	EA	1
12			12" Dia Flexible Duct	EA	1
REFRIGERANT PIPE					
		Assumed	Type "ACR" Copper Pipe (Cut Length = 10 LF)		
13			1/4" Dia Refrigerant Liquid Pipe	EA	153
14			1/2" Dia Refrigerant Liquid Pipe	EA	28
15			3/8" Dia Refrigerant Liquid Pipe	EA	374
16			5/8" Dia Refrigerant Liquid Pipe	EA	28
17			1/2" Dia Refrigerant Suction Pipe	EA	153
18			5/8" Dia Refrigerant Suction Pipe	EA	333
19			7/8" Dia Refrigerant Suction Pipe	EA	34
20			1-1/8" Dia Refrigerant Suction Pipe	EA	56
21			3/4" Dia Refrigerant Suction (High) Pipe	EA	34
22			1-1/8" Dia Refrigerant Suction (High) Pipe	EA	56
		Assumed	1" Thick Fiberglass Insulation (Cut Length = 10 LF)		
23			1/4" Dia Refrigerant Liquid Pipe	EA	153
24			1/2" Dia Refrigerant Liquid Pipe	EA	28
25			3/8" Dia Refrigerant Liquid Pipe	EA	374
26			5/8" Dia Refrigerant Liquid Pipe	EA	28
27			1/2" Dia Refrigerant Suction Pipe	EA	153
28			5/8" Dia Refrigerant Suction Pipe	EA	333
29			7/8" Dia Refrigerant Suction Pipe	EA	34
30			1-1/8" Dia Refrigerant Suction Pipe	EA	56
31			3/4" Dia Refrigerant Suction (High) Pipe	EA	34
32			1-1/8" Dia Refrigerant Suction (High) Pipe	EA	56
REFRIGERANT PIPE FITTINGS					
ELBOW					
33			1/4" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	63
34			1/2" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	8
35			3/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	142
36			5/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	17
37			1/2" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	63
38			5/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	142
39			7/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	4
40			1-1/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	25
41			3/4" Dia Refrigerant Suction (High) Pipe 90 Deg Elbow	EA	4
42			1-1/8" Dia Refrigerant Suction (High) Pipe 90 Deg Elbow	EA	25
AIR DEVICES					
43			A: Supply Diffuser, PRICE SPD, CFM Range: Min: 0, Max: 140, Inlet Neck Size: 1/2"	EA	99
44			A: Supply Diffuser, PRICE SPD, CFM Range: Min: 141, Max: 250, Inlet Neck Size: 3/4"	EA	168
45			A: Supply Diffuser, PRICE SPD, CFM Range: Min: 251, Max: 400, Inlet Neck Size: 1/2"	EA	7
46			A: Supply Diffuser, PRICE SPD, CFM Range: Min: 401, Max: 550, Inlet Neck Size: 3/4"	EA	2
47			B: Return Grille / Exhaust Grille, PRICE 530, CFM Range: Min: 0, Max: 200, Inlet Neck Size: 1/2"	EA	152
48			B: Return Grille / Exhaust Grille, PRICE 530, CFM Range: Min: 201, Max: 500, Inlet Neck Size: 3/4"	EA	41

DETAILED BREAKDOWN OF ITEMS

Prepared for: Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054
 Project ID: 12022025
 Scope: HVAC



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
49			B: Return Grille / Exhaust Grille, PRICE 530, CFM Range: Min: 501, Max: 750, Inlet Neck Size: 14	EA	24
50			B: Return Grille / Exhaust Grille, PRICE 530, CFM Range: Min: 751, Max: 1000, Inlet Neck Size: 16	EA	2
51			C: Supply Diffuser, PRICE 520-45, CFM Range: Min: 0, Max: 120, Inlet Neck Size: 14	EA	215
52			C: Supply Diffuser, PRICE 520-45, CFM Range: Min: 221, Max: 360, Inlet Neck Size: 16	EA	470
53			C1: Supply Diffuser (Sidewall), PRICE 520-45, CFM Range: Min: 0, Max: 200, Inlet Neck Size: 14	EA	5
54			E: Supply Diffuser, PRICE 520D-45, CFM Range: Min: 0, Max: 405, Inlet Neck Size: 16	EA	16
55			F: Return Grill, PRICE 530, CFM Range: Min: 450, Max: 650, Inlet Neck Size: 16	EA	58
56			G: Transfer Grill, PRICE 530, CFM Range: Min: 0, Max: 250, Inlet Neck Size: 14	EA	81
57			H: Transfer Grill, PRICE 530, CFM Range: Min: 0, Max: 300, Inlet Neck Size: 18	EA	153
			ROOF TOP UNIT		
58			RTU-1: Rooftop Unit, GREENHECK DGX-P116-H12-D1-10, Design CFM: 3520, Supply CFM: 3520	EA	1
59			RTU-2: Rooftop Unit, GREENHECK DGX-P116-H12-D1-3, Design CFM: 850, Supply CFM: 850	EA	1
60			RTU-3: Rooftop Unit, GREENHECK DGX-P116-H12-D1-3, Design CFM: 850, Supply CFM: 850	EA	1
			DEDICATED OUTDOOR AIR UNIT		
61			DOAS-1: Dedicated Outdoor Air Unit, DAIKIN DPSA050, Supply Fan: CFM: 99, Design CFM: 99	EA	1
62			DOAS-2: Dedicated Outdoor Air Unit, DAIKIN DPSC30B, Supply Fan: CFM: 62, Design CFM: 62	EA	1
63			DOAS-3: Dedicated Outdoor Air Unit, DAIKIN DPSA040, Supply Fan: CFM: 84, Design CFM: 84	EA	1
			VERTICAL TERMINAL HEAT PUMP		
64			VRP-A: Vertical Terminal Heat Pump, FRIEDRICH VRP12K, Supply CFM: 240, Design CFM: 240	EA	13
65			VRP-B: Vertical Terminal Heat Pump, FRIEDRICH VRP12K, Supply CFM: 540, Design CFM: 540	EA	63
66			VRP-C: Vertical Terminal Heat Pump, FRIEDRICH VRP24K, Supply CFM: 925, Design CFM: 925	EA	5
67			VRP-D: Vertical Terminal Heat Pump, FRIEDRICH VRP24K, Supply CFM: 540, Design CFM: 540	EA	61
68			VRP-E: Vertical Terminal Heat Pump, FRIEDRICH VRP24K, Supply CFM: 615, Design CFM: 615	EA	23
			APARTMENT SPLIT SYSTEM INDOOR UNIT		
69			FCU-A: Fan Coil Unit, DAIKIN FCQ18TAVJU, Design CFM: 740, Motor HP: 0.1	EA	10
			APARTMENT SPLIT SYSTEM OUTDOOR UNIT		
70			HP-A: Outdoor Unit, DAIKIN RZQ18TAVJUA, Unit SEER: 15.6, Design Ambient Temp: 95°F	EA	2
			COMMON AREA SPLIT SYSTEM INDOOR		
71			FCU-1: Fan Coil Unit, DAIKIN FTKF24BVJU, Supply CFM: 500, Cooling: Total 500	EA	1
72			FCU-2: Fan Coil Unit, DAIKIN FTKF12BVJU, Supply CFM: 400, Cooling: Total 400	EA	1
73			FCU-3: Fan Coil Unit, DAIKIN FTKF09AXVJU, Supply CFM: 325, Cooling: Total 325	EA	1
74			FCU-4: Fan Coil Unit, DAIKIN FTKF09AXVJU, Supply CFM: 325, Cooling: Total 325	EA	1
75			FCU-5: Fan Coil Unit, DAIKIN FCQ18TAVJU, Supply CFM: 740, Cooling: Total 740	EA	1
76			FCU-6: Fan Coil Unit, DAIKIN FTKF09AXVJU, Supply CFM: 325, Cooling: Total 325	EA	1
77			FCU-7: Fan Coil Unit, DAIKIN FTKF12AXVJU, Supply CFM: 400, Cooling: Total 400	EA	1
78			FCU-8: Fan Coil Unit, DAIKIN FTKF12AXVJU, Supply CFM: 400, Cooling: Total 400	EA	1
79			FCU-9: Fan Coil Unit, DAIKIN FTKF09AXVJU, Supply CFM: 325, Cooling: Total 325	EA	1
80			FCU-10: Fan Coil Unit, DAIKIN FCQ18TAVJU, Supply CFM: 740, Cooling: Total 740	EA	1
			COMMON AREA SPLIT SYSTEM OUTDOOR		
81			CU-1: Split System Outdoor Condenser Unit, DAIKIN RKF24BVJU9, Unit EER/SEER: 12.5	EA	1
82			CU-2: Split System Outdoor Condenser Unit, DAIKIN RKF12BVJU9, Unit EER/SEER: 12.5	EA	1
83			CU-3: Condenser Unit, DAIKIN RKF09BVJU9, Unit EER/SEER: 12.5, Number of Coils: 1	EA	1
84			CU-4: Split System Outdoor Condenser Unit, DAIKIN RKF09BVJU9, Unit EER/SEER: 12.5	EA	1
85			CU-5: Split System Outdoor Condenser Unit, DAIKIN RZQ18TAVJUA, Unit EER/SEER: 15.6	EA	1
86			CU-6: Split System Outdoor Condenser Unit, DAIKIN RKF09BVJU9, Unit EER/SEER: 12.5	EA	1
87			CU-7: Split System Outdoor Condenser Unit, DAIKIN RKF12BVJU9, Unit EER/SEER: 12.5	EA	1
88			CU-8: Split System Outdoor Condenser Unit, DAIKIN RKF12BVJU9, Unit EER/SEER: 12.5	EA	1
89			CU-9: Split System Outdoor Condenser Unit, DAIKIN RKF09BVJU9, Unit EER/SEER: 12.5	EA	1
90			CU-10: Split System Outdoor Condenser Unit, DAIKIN RZQ18TAVJUA, Unit EER/SEER: 15.6	EA	1
			ENERGY RECOVERY VENTILATOR		
91			ERV-1: Energy Recovery Ventilator, DAIKIN VAM1200, CFM: 1200, ESP (In H ₂ O): 0.18	EA	1
92			ERV-2: Energy Recovery Ventilator, DAIKIN VAM1200, CFM: 1200, ESP (In H ₂ O): 0.18	EA	1
93			ERV-3: Energy Recovery Ventilator, DAIKIN VAM1200, CFM: 1200, ESP (In H ₂ O): 0.18	EA	1
94			ERV-4: Energy Recovery Ventilator, DAIKIN WAM470, CFM: 470, ESP (In H ₂ O): 0.18	EA	1
			RADIANT OUTDOOR ELECTRIC HEATER		
95			REH-1A: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1
96			REH-1B: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1
97			REH-2A: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1
98			REH-2B: Radiant Electric Heater, INFRATECH SL40208BL, Dimension (IN): 63	EA	1
			COMMON AREA SPLIT SYSTEM INDOOR		
99			AHU 1.1: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 600, ESP (IN H ₂ O): 0.18	EA	1
100			AHU 1.2: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 1000, ESP (IN H ₂ O): 0.18	EA	1
101			AHU 1.3: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H ₂ O): 0.18	EA	1

DETAILED BREAKDOWN OF ITEMS

Prepared for: Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054
 Project ID: 12022025
 Scope: HVAC



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
102			AHU 2.1: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 800, ESP (IN H2	EA	1
103			AHU 2.2: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 353, Cooling To	EA	1
104			AHU 2.3A: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling To	EA	1
105			AHU 2.3B: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling To	EA	1
106			AHU 2.4: Air Handling Unit, DAIKIN FXTQ42TAVJUA, CFM: 1400, ESP (IN H	EA	1
107			AHU 2.5: Air Handling Unit, DAIKIN FXTQ42TAVJUA, CFM: 1400, ESP (IN H	EA	1
108			AHU 2.6: Air Handling Unit, DAIKIN FXTQ36TAVJUA, CFM: 1050, ESP (IN H	EA	1
109			AHU 2.7: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 400, ESP (IN H2	EA	1
110			AHU 2.8: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
111			AHU 2.9: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H2	EA	1
112			AHU 3.1: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H	EA	1
113			AHU 3.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1800, ESP (IN H	EA	1
114			AHU 3.3: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
115			AHU 3.4: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H	EA	1
116			AHU 4.1: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H	EA	1
117			AHU 4.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1520, ESP (IN H	EA	1
118			AHU 5.1: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H	EA	1
119			AHU 5.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H	EA	1
120			AHU 5.3: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
121			AHU 5.4: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
122			AHU 5.5A: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN	EA	1
123			AHU 5.5B: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN	EA	1
124			AHU 6.1: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
125			AHU 6.2: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
126			AHU 6.3: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 1000, ESP (IN H2	EA	1
127			AHU 6.4A: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling To	EA	1
128			AHU 6.4B: Air Handling Unit, DAIKIN FXFA30AAVJU, CFM: 675, Cooling To	EA	1
129			AHU 7.1: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 1000, ESP (IN H	EA	1
130			AHU 7.2: Air Handling Unit, DAIKIN FXZQ12TAVJUA, CFM: 353, Cooling To	EA	1
131			AHU 7.3: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
132			AHU 7.4: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H2	EA	1
133			AHU 7.5: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 400, ESP (IN H2	EA	1
134			AHU 8.1: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
135			AHU 8.2: Air Handling Unit, DAIKIN FXTQ48TAVJUA CFM: 1060, ESP (IN H	EA	1
136	M-201A, M-201B, M-201C, M-201D, M-202A, M-202B, M-202C, M-202D, M-203A, M-203B, M-203C, M-203D, M-204C, M-204D, M-205A, M-205B, M-205C, M-205D, M-301A, M-301B, M-301C, M-301D, M-302A, M-302B, M-302C, M-302D, M-303A, M-303B, M-303C, M-304C, M-305A, M-305B, M-305C, M-401, M-402, M-403, M-404, M-405 & M-406		AHU 8.3: Air Handling Unit, DAIKIN FXTQ48TAVJUA, CFM: 1060, ESP (IN H	EA	1
137			AHU 8.4: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H2	EA	1
138			AHU 8.5: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 1000, ESP (IN H	EA	1
139			AHU 9.1: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H2	EA	1
140			AHU 9.2: Air Handling Unit, DAIKIN FXTQ12TAVJUA, CFM: 400, ESP (IN H2	EA	1
141			AHU 9.3: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 1000, ESP (IN H	EA	1
142			AHU 9.4: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 1000, ESP (IN H	EA	1
143			AHU 9.5A: Air Handling Unit, DAIKIN FXMO30TBVJU, CFM: 1094, Cooling T	EA	1
144			AHU 9.5B: Air Handling Unit, DAIKIN FXMO30TBVJU, CFM: 1094, ESP (IN H	EA	1
145			AHU 10.1: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 800, ESP (IN H	EA	1
146			AHU 10.2: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H	EA	1
147			AHU 10.3: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 1000, ESP (IN	EA	1
148			AHU 10.4: Air Handling Unit, DAIKIN FXTQ18TAVJUA, CFM: 600, ESP (IN H	EA	1
149			AHU 11.1: Air Handling Unit, DAIKIN FXTQ30TAVJUA, CFM: 1000, ESP (IN	EA	1
150			AHU 11.2: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H	EA	1
151			AHU 11.3: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H	EA	1
152			AHU 11.4: Air Handling Unit, DAIKIN FXTQ24TAVJUA, CFM: 800, ESP (IN H	EA	1
153			AHU 12.1: Air Handling Unit, DAIKIN FXMO30TBVJU, CFM: 1094, ESP (IN H	EA	1
154			AHU 12.2: Air Handling Unit, DAIKIN FXMO30TBVJU, CFM: 1094, ESP (IN H	EA	1
155			AHU 12.3: Air Handling Unit, DAIKIN FXMO30TBVJU, CFM: 1094, ESP (IN H	EA	1
156			AHU 12.4: Air Handling Unit, DAIKIN FXZQ12TAVJU, CFM: 353, ESP (IN H2	EA	1
157			AHU 12.5: Air Handling Unit, DAIKIN FXZQ12TAVJU, CFM: 353, ESP (IN H2	EA	1
			COMMON AREA SPLIT VEV SYSTEM OUTDOOR		
158			VRF-CU-1: Air Condensing Outdoor Unit, DAIKIN RXYQ96TATJU, Nominal C	EA	1
159			VRF-CU-2: Air Condensing Outdoor Unit, DAIKIN RXYQ192TATJU, Nominal C	EA	1
160			VRF-CU-2: Air Condensing Outdoor Unit, DAIKIN RXYQ192TATJU, Nominal C	EA	1
161			VRF-CU-3: Air Condensing Outdoor Unit, DAIKIN RXYQ144TATJU, Nominal C	EA	1
162			VRF-CU-4: Air Condensing Outdoor Unit, DAIKIN RXYQ96TATJU, Nominal C	EA	1
163			VRF-CU-5: Air Condensing Outdoor Unit, DAIKIN RXYQ192TATJU, Nominal C	EA	1

DETAILED BREAKDOWN OF ITEMS

Prepared for: Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054
 Project ID: 12022025
 Scope: HVAC



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
164			VRF-CU-5: Air Condensing Outdoor Unit, DAIKIN RXYQ192TATJU, Nominal Capacity: 12.5 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
165			VRF-CU-6: Air Condensing Outdoor Unit, DAIKIN RXYQ120TATJU, Nominal Capacity: 10 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
166			VRF-CU-7: Air Condensing Outdoor Unit, DAIKIN RXYQ96TATJU, Nominal Capacity: 8 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
167			VRF-CU-8: Air Condensing Outdoor Unit, DAIKIN RXYQ144TATJU, Nominal Capacity: 16 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
168			VRF-CU-9: Air Condensing Outdoor Unit, DAIKIN RXYQ120TATJU, Nominal Capacity: 10 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
169			VRF-CU-10: Air Condensing Outdoor Unit, DAIKIN RXYQ72TATJU, Nominal Capacity: 6 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
170			VRF-CU-11: Air Condensing Outdoor Unit, DAIKIN RXYQ96TATJU, Nominal Capacity: 8 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
171			VRF-CU-11: Air Condensing Outdoor Unit, DAIKIN RXYQ96TATJU, Nominal Capacity: 8 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
172			VRF-CU-12: Air Condensing Outdoor Unit, DAIKIN RXYQ120TATJU, Nominal Capacity: 10 Ton, Electrical: MCA: 1.2, MOCP: 15A	EA	1
			BRANCH BOX CONTROLLER		
173			BS-1: Branch Box Controller, DAIKIN BSF4A5AAVJ, Electrical: MCA: 1.2, MOCP: 15A	EA	1
174			BS-2: Branch Box Controller, DAIKIN BS10Q54, Electrical: MCA: 1.2, MOCP: 15A	EA	1
175			BS-3: Branch Box Controller, DAIKIN BSF6A54AAVJ, Electrical: MCA: 1.9, MOCP: 15A	EA	1
176			BS-4: Branch Box Controller, DAIKIN BSF4A5AAVJ, Electrical: MCA: 1.2, MOCP: 15A	EA	1
177			BS-5: Branch Box Controller, DAIKIN BSF8A54AAVJ, Electrical: MCA: 1.9, MOCP: 15A	EA	1
178			BS-6: Branch Box Controller, DAIKIN BSF6A54AAVJ, Electrical: MCA: 1.9, MOCP: 15A	EA	1
179			BS-7: Branch Box Controller, DAIKIN BSF6A54AAVJ, Electrical: MCA: 1.9, MOCP: 15A	EA	1
180			BS-8: Branch Box Controller, DAIKIN BSF6A54AAVJ, Electrical: MCA: 1.9, MOCP: 15A	EA	1
181			BS-9: Branch Box Controller, DAIKIN BSF6A54AAVJ, Electrical: MCA: 1.9, MOCP: 15A	EA	1
182			BS-10: Branch Box Controller, DAIKIN BSF4A5AAVJ, Electrical: MCA: 1.2, MOCP: 15A	EA	1
183			BS-11: Branch Box Controller, DAIKIN BSF4A5AAVJ, Electrical: MCA: 1.2, MOCP: 15A	EA	1
184			BS-12: Branch Box Controller, DAIKIN BSF6A54AAVJ, Electrical: MCA: 1.9, MOCP: 15A	EA	1
			ELECTRIC DUCT HEATER		
185			EDH-1: Electric Duct Heater, MCQUAY HF SERIES, Duct Size (W"x H"): 22x10, Capacity (BTUH): 17060, Electrical: KW: 1.5, MCA: 1.2, MOCP: 15A	EA	1
			ELECTRIC WALL/CEILING HEATER		
186			ECH-A: Electric Ceiling Heater, MARLEY OCH1101F, Capacity (BTUH): 1706, Electrical: KW: 0.15, MCA: 1.2, MOCP: 15A	EA	28
187			UH-1: Unit Heater, OMARK MUH07-8, Capacity (BTUH): 25600, Electrical: KW: 2.1, MCA: 1.2, MOCP: 15A	EA	1
188			UH-2: Unit Heater, OMARK MUH05-81, Capacity (BTUH): 17000, Electrical: KW: 1.4, MCA: 1.2, MOCP: 15A	EA	1
189			UH-3: Unit Heater, QMARK MUH03-81, Capacity (BTUH): 10200, Electrical: KW: 0.8, MCA: 1.2, MOCP: 15A	EA	1
190			UH-4: Unit Heater, QMARK MUH03-81, Capacity (BTUH): 10200, Electrical: KW: 0.8, MCA: 1.2, MOCP: 15A	EA	1
191			UH-5: Unit Heater, QMARK MUH03-81, Capacity (BTUH): 10200, Electrical: KW: 0.8, MCA: 1.2, MOCP: 15A	EA	1
192			EWB-1: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
193			EWB-2: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
194			EWB-3: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
195			EWB-4: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
196			EWB-5: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
197			EWB-6: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
198			EWB-7: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
199			EWB-8: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
200			EWB-9: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
201			EWB-10: Electric Water Heater, QMARK AWH4408F, Capacity (BTUH): 6824, Electrical: KW: 0.5, MCA: 1.2, MOCP: 15A	EA	1
202			EWB-11: Electric Water Heater, OMARK AWH4508F, Capacity (BTUH): 16378, Electrical: KW: 1.3, MCA: 1.2, MOCP: 15A	EA	1
			LOUVERED PENTHOUSE		
203			LP-1: GREENHECK WRH Length (IN): 26, Width (IN): 26, Height (IN): 12-1/4, Electrical: MCA: 1.2, MOCP: 15A	EA	1
204			LP-2: GREENHECK WRH Length (IN): 26, Width (IN): 26, Height (IN): 12-1/4, Electrical: MCA: 1.2, MOCP: 15A	EA	1
			EXHAUST FAN		
205			EF-A: Exhaust Fan, PANASONIC FV-0511VQ1, CFM: 90, Esp (IN H20): 0.38, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	107
206			EF-1: Exhaust Fan, GREENHECK CUBE-220HP, CFM: 4420, Esp (IN H20): 2.0, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
207			EF-2: Exhaust Fan, GREENHECK SO-95-VG, CFM: 600, Esp (IN H20): 0.50, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
208			EF-3: Exhaust Fan, GREENHECK SO-100-VG, CFM: 780, Esp (IN H20): 0.5, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
209			EF-4: Exhaust Fan, GREENHECK SO-90-VG, CFM: 450, Esp (IN H20): 0.5, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
210			EF-5: Exhaust Fan, GREENHECK SO-90-VG, CFM: 450, Esp (IN H20): 0.5, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
211			EF-6: Exhaust Fan, GREENHECK SO-80-VG, CFM: 250, Esp (IN H20): 0.5, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
212			EF-7: Exhaust Fan, GREENHECK SO-80-VG, CFM: 250, Esp (IN H20): 0.5, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
213			EF-8: Exhaust Fan, GREENHECK USF-13-B7, CFM: 1280, Esp (IN H20): 1.0, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
214			EF-9: Exhaust Fan, GREENHECK USF-12-B7, CFM: 760, Esp (IN H20): 1.0, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
215			EF-10: Exhaust Fan, GREENHECK SQ-95-VG, CFM: 600, Esp (IN H20): 0.5, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
216			EF-11: Exhaust Fan, GREENHECK SQ-90-VG, CFM: 400, Esp (IN H20): 0.5, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
217			EF-12: Exhaust Fan, GREENHECK SP-A200, CFM: 200, Esp (IN H20): 0.35, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
218			EF-13: Exhaust Fan, GREENHECK USF-12-B7, CFM: 865, Esp (IN H20): 1.0, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
219			EF-14: Exhaust Fan, GREENHECK CUBE-140, CFM: 1000, Esp (IN H20): 1.25, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
220			EF-15: Exhaust Fan, GREENHECK USF-12-B7, CFM: 885, Esp (IN H20): 1.0, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1
221			EF-16: Exhaust Fan, GREENHECK CUBE-140, CFM: 1000, Esp (IN H20): 1.25, Fan Type: Ball Bearing, Electrical: MCA: 1.2, MOCP: 15A	EA	1

DETAILED BREAKDOWN OF ITEMS

Prepared for: Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08053
 Project ID: 12022025
 Scope: HVAC



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
222			EF-17: Exhaust Fan, GREENHECK SP-A90, CFM: 50, Esp (IN H20): 0.35, Fan H	EA	1
223			EF-18: Exhaust Fan, GREENHECK CSP-A190, CFM: 100, Esp (IN H20): 0.5, Fa	EA	1
			DAMPERS		
224			8"x8" Volume Damper	EA	1
225			10"x8" Volume Damper	EA	3
226			10"x10" Volume Damper	EA	1
227			12"x6" Volume Damper	EA	2
228			12"x8" Volume Damper	EA	4
229			12"x10" Volume Damper	EA	5
230			12"x12" Volume Damper	EA	6
231			14"x8" Volume Damper	EA	4
232			14"x10" Volume Damper	EA	5
233			14"x14" Volume Damper	EA	2
234			16"x6" Volume Damper	EA	8
235			16"x8" Volume Damper	EA	4
236			16"x10" Volume Damper	EA	5
237			18"x6" Volume Damper	EA	1
238			18"x8" Volume Damper	EA	2
239			18"x10" Volume Damper	EA	2
240			20"x7" Volume Damper	EA	1
241			20"x8" Volume Damper	EA	2
242			20"x10" Volume Damper	EA	5
243			20"x12" Volume Damper	EA	1
244			22"x20" Volume Damper	EA	1
245			24"x10" Volume Damper	EA	1
246			26"x10" Volume Damper	EA	2
247			26"x12 Volume Damper	EA	1
248			26"x12" Volume Damper	EA	1
249			26"x16" Volume Damper	EA	2
250			30"x12" Volume Damper	EA	1
251			18"x18" Motorized Damper	EA	4
			DUCT WEIGHT		
252			Galvanized Sheet Metal Duct	LB	86149
			DUCT INSULATION		
253		Assumed	1-1/2" Thick Fiberglass Duct Insulation	SF	57563
			KITCHEN EXHAUST DUCT INSULATION		
254		Thickness Assumed	3" Thick Fire Wrap Insulation	SF	953
			MISCELLANEOUS		
255			Thermostat	EA	153
256			Exhaust Air Louver With Dual Horizontal Connection, XVENT BOX	EA	169
257			Fire Rated Dryer Box	EA	68
258			Intake Louver Concentric Venting Discharge Kit, 22-1/4" x 22-1/4"	EA	1
259			Exhaust Air Louver With Dual Horizontal Connection Manufactured By XVENT	EA	6
260			4" Dia Wall Cap W/ Backdraft Damper	EA	5
261			6" Dia Wall Cap W/ Backdraft Damper	EA	16
262			4" Dia Wall Cap W/ Bird Screen & Backdraft Damper	EA	7
263			8" Dia Wall Cap W/ Bird Screen & Backdraft Damper	EA	10
264			6" Dia Goseneck	EA	1
			PIPE SUPPORTS		
265			1/4" Dia Adjustable Clevis Hanger	EA	255
266			3/8" Dia Adjustable Clevis Hanger	EA	623
267			1/2" Dia Adjustable Clevis Hanger	EA	301
268			5/8" Dia Adjustable Clevis Hanger	EA	602
269			3/4" Dia Adjustable Clevis Hanger	EA	57
270			7/8" Dia Adjustable Clevis Hanger	EA	57
271			1-1/8" Dia Adjustable Clevis Hanger	EA	186
272			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	2081
			DUCT SUPPORTS		
273			3/8" Threaded Rod	EA	6506
274			1" x 22 Ga. Strap	EA	3253

BREAKDOWN OF DUCT ITEMS

Prepared for: **Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054 Mount Laurel**
 Project ID: **12022025**
 Scope: **HVAC**



Date: **28-Sep-26**

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
HVAC					
GALVANIZED SHEET METAL DUCT					
1	6" Dia Supply Air Duct	LF	1150	10%	1265
2	7" Dia Supply Air Duct	LF	4670	10%	5137
3	8" Dia Supply Air Duct	LF	2165	10%	2381
4	10" Dia Supply Air Duct	LF	28	10%	31
5	6"x6" Supply Air Duct	LF	6	10%	7
6	10"x6" Supply Air Duct	LF	92	10%	101
7	10"x8" Supply Air Duct	LF	30	10%	33
8	10"x10" Supply Air Duct	LF	38	10%	42
9	12"x6" Supply Air Duct	LF	216	10%	238
10	12"x8" Supply Air Duct	LF	1315	10%	1446
11	12"x10" Supply Air Duct	LF	2231	10%	2454
12	12"x12" Supply Air Duct	LF	159	10%	175
13	14"x6" Supply Air Duct	LF	50	10%	55
14	14"x8" Supply Air Duct	LF	139	10%	153
15	14"x10" Supply Air Duct	LF	113	10%	125
16	14"x12" Supply Air Duct	LF	274	10%	302
17	16"x6" Supply Air Duct	LF	66	10%	72
18	16"x8" Supply Air Duct	LF	125	10%	137
19	16"x10" Supply Air Duct	LF	266	10%	293
20	16"x12" Supply Air Duct	LF	24	10%	26
21	18"x10" Supply Air Duct	LF	165	10%	181
22	18"x10" Supply Air Duct	LF	84	10%	93
23	20"x7" Supply Air Duct	LF	27	10%	30
24	20"x8" Supply Air Duct	LF	85	10%	94
25	20"x10" Supply Air Duct	LF	46	10%	51
26	20"x12" Supply Air Duct	LF	72	10%	79
27	22"x6" Supply Air Duct	LF	25	10%	28
28	22"x12" Supply Air Duct	LF	57	10%	63
29	22"x20" Supply Air Duct	LF	19	10%	21
30	24"x10" Supply Air Duct	LF	96	10%	105
31	24"x12" Supply Air Duct	LF	77	10%	84
32	28"x10" Supply Air Duct	LF	22	10%	24
33	30"x10" Supply Air Duct	LF	53	10%	59
34	8"x8" Return Air Duct	LF	49	10%	54
35	10"x10" Return Air Duct (Size Assumed)	LF	16	10%	17
36	14"x6" Return Air Duct	LF	14	10%	15
37	14"x6" Return Air Duct	LF	21	10%	23
38	14"x8" Return Air Duct	LF	26	10%	29
39	14"x10" Return Air Duct	LF	22	10%	25
40	14"x12" Return Air Duct	LF	11	10%	12
41	14"x14" Return Air Duct	LF	92	10%	101

BREAKDOWN OF DUCT ITEMS

Prepared for: **Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054 Mount Laurel, NJ**
 Project ID: **12022025**
 Scope: **HVAC**



Date: **28-Sep-26**

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
42	16"x6" Return Air Duct	LF	18	10%	20
43	16"x8" Return Air Duct	LF	29	10%	32
44	16"x10" Return Air Duct	LF	36	10%	39
45	16"x16" Return Air Duct	LF	134	10%	147
46	17"x15" Return Air Duct	LF	17	10%	18
47	18"x8" Return Air Duct	LF	21	10%	23
48	18"x10" Return Air Duct	LF	50	10%	55
49	18"x18" Return Air Duct	LF	2	10%	2
50	20"x8" Return Air Duct	LF	30	10%	33
51	20"x10" Return Air Duct	LF	26	10%	29
52	24"x10" Return Air Duct	LF	42	10%	47
53	6" Dia Outside Air Duct	LF	101	10%	111
54	7" Dia Outside Air Duct	LF	25	10%	28
55	8" Dia Outside Air Duct	LF	103	10%	113
56	8" Outside Air Duct	LF	207	10%	227
57	9" Dia Outside Air Duct	LF	49	10%	54
58	10" Dia Outside Air Duct	LF	104	10%	114
59	6"x6" Outside Air Duct	LF	856	10%	942
60	8"x8" Outside Air Duct	LF	70	10%	77
61	8"x8" Outside Air Duct (Size Assumed)	LF	52	10%	57
62	10"x6" Outside Air Duct	LF	112	10%	123
63	10"x8" Outside Air Duct	LF	33	10%	37
64	10"x10" Outside Air Duct	LF	107	10%	117
65	12"x4" Outside Air Duct	LF	29	10%	32
66	12"x8" Outside Air Duct	LF	732	10%	806
67	12"x10" Outside Air Duct	LF	154	10%	170
68	12"x12" Outside Air Duct	LF	115	10%	126
69	14"x8" Outside Air Duct	LF	32	10%	35
70	14"x10" Outside Air Duct	LF	225	10%	247
71	16"x8" Outside Air Duct	LF	27	10%	29
72	16"x10" Outside Air Duct	LF	126	10%	138
73	18"x8" Outside Air Duct	LF	34	10%	37
74	18"x8" Outside Air Duct (Size Assumed)	LF	26	10%	29
75	18"x10" Outside Air Duct	LF	236	10%	260
76	20"x8" Outside Air Duct	LF	71	10%	79
77	20"x10" Outside Air Duct	LF	219	10%	241
78	20"x12" Outside Air Duct	LF	45	10%	49
79	20"x20" Outside Air Duct	LF	70	10%	77
80	22"x8" Outside Air Duct	LF	29	10%	32
81	22"x10" Outside Air Duct	LF	189	10%	208
82	22"x12" Outside Air Duct	LF	29	10%	32
83	24"x10" Outside Air Duct	LF	111	10%	122
84	26"x12" Outside Air Duct	LF	22	10%	24
85	26"x16" Outside Air Duct	LF	38	10%	42
86	28"x16" Outside Air Duct	LF	66	10%	73
87	28"x24" Outside Air Duct	LF	58	10%	63
88	28"x28" Outside Air Duct (Size Assumed)	LF	23	10%	25
89	30"x12" Outside Air Duct (Size Assumed)	LF	15	10%	17
90	30"x24" Outside Air Duct (Size Assumed)	LF	13	10%	15
91	4" Dia Exhaust Air Duct	LF	4609	10%	5070
92	6" Dia Exhaust Air Duct	LF	617	10%	678
93	8" Dia Exhaust Air Duct	LF	3042	10%	3347

BREAKDOWN OF DUCT ITEMS

Prepared for: Brightview Mount Laurel, NJ Route 38, Ark Road and Fostertown Road Mount Laurel, NJ 08054 Mount Laurel
Project ID: 12022025
Scope: HVAC



Date: 28-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
94	10" Dia Exhaust Air Duct	LF	104	10%	114
95	8"x8" Exhaust Air Duct	LF	479	10%	526
96	8"x8" Exhaust Air Duct	LF	1255	10%	1380
97	10"x6" Exhaust Air Duct	LF	67	10%	74
98	10"x8" Exhaust Air Duct	LF	40	10%	44
99	10"x8" Exhaust Air Duct	LF	159	10%	175
100	10"x10" Exhaust Air Duct	LF	129	10%	142
101	12"x6" Exhaust Air Duct	LF	35	10%	39
102	12"x8" Exhaust Air Duct	LF	41	10%	45
103	12"x10" Exhaust Air Duct	LF	112	10%	124
104	12"x12" Exhaust Air Duct	LF	53	10%	58
105	14"x6" Exhaust Air Duct	LF	37	10%	41
106	14"x8" Exhaust Air Duct	LF	168	10%	185
107	14"x10" Exhaust Air Duct	LF	209	10%	230
108	14"x14" Exhaust Air Duct	LF	135	10%	148
109	14"x14" Exhaust Air Duct	LF	204	10%	225
110	16"x4" Exhaust Air Duct	LF	9	10%	10
111	16"x6" Exhaust Air Duct	LF	84	10%	93
112	16"x6" Exhaust Air Duct	LF	40	10%	44
113	16"x8" Exhaust Air Duct	LF	359	10%	394
114	16"x10" Exhaust Air Duct	LF	116	10%	128
115	18"x6" Exhaust Air Duct	LF	9	10%	10
116	18"x10" Exhaust Air Duct	LF	124	10%	136
117	18"x12" Exhaust Air Duct	LF	29	10%	32
118	18"x14" Exhaust Air Duct	LF	14	10%	16
119	18"x18" Exhaust Air Duct	LF	16	10%	18
120	18"x18" Exhaust Air Duct	LF	49	10%	54
121	20"x8" Exhaust Air Duct	LF	37	10%	40
122	20"x10" Exhaust Air Duct	LF	82	10%	90
123	24"x10" Exhaust Air Duct	LF	41	10%	45
124	26"x10" Exhaust Air Duct	LF	37	10%	41
125	26"x12" Exhaust Air Duct	LF	43	10%	47
126	28"x16" Exhaust Air Duct	LF	122	10%	134
127	28"x24" Exhaust Air Duct	LF	60	10%	66
128	48"x24" Exhaust Air Duct (Size Assumed)	LF	5	10%	5
129	8" Dia Kitchen Exhaust Duct	LF	151	10%	166
130	14" Dia Kitchen Exhaust Duct	LF	6	10%	7
131	24"x24" Kitchen Exhaust Duct, Fire Wrap	LF	24	10%	26
132	30"x14" Kitchen Exhaust Duct	LF	58	10%	63
133	4" Dia Dryer Exhaust Duct	LF	269	10%	296
134	8" Dia Exhaust Flue Duct	LF	56	10%	61