

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
<b>DIVISION.01 GENERAL REQUIREMENTS</b>														
1		Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 22,600.00	
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 6,500.00	
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 5,500.00	
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 15,000.00	
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 5,800.00	
<b>Subtotal (General Requirements)</b>														\$ 55,400

<b>DIVISION 25- HVAC/MECHANICAL</b>														
<b>Building 1 First Floor</b>														
<b>Common Area</b>														
<b>HVAC Fixture</b>														
6		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$ 142.65	
7		(5" Dia) Wall Cap	EA	1	0%	1	\$ 58.32	\$ 58.32	0.485	\$ 40.00	\$ 19.40	\$ 19.40	\$ 77.72	
8		Mini Split Wall Mounted "MSFC-1" Model: PKA-A18HA	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$ 1,466.32	
9		Exhaust Fan "EF-5" W CRD Manuf: Janitor Model: Greenheck	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$ 279.20	
<b>Duct</b>														
10		(5" Dia) Duct	LF	22	5%	23	\$ 2.27	\$ 52.49	0.192	\$ 40.00	\$ 7.68	\$ 177.41	\$ 229.90	
<b>Pipe</b>														
11		(3/4" Dia) Condensate Drain	LF	29	5%	30	\$ 10.38	\$ 316.07	0.160	\$ 40.00	\$ 6.40	\$ 194.88	\$ 510.95	
<b>Connection</b>														
12		(3/4" Dia) 90D Bend	EA	2	0%	2	\$ 75.66	\$ 151.32	0.360	\$ 40.00	\$ 14.40	\$ 28.80	\$ 180.12	
<b>Unit A1 ( 5 EA)</b>														
<b>HVAC Fixture</b>														
13		Thermostat	EA	5	0%	5	\$ 110.65	\$ 553.25	0.800	\$ 40.00	\$ 32.00	\$ 160.00	\$ 713.25	
14		Washable Filter	EA	5	0%	5	\$ 125.65	\$ 628.25	1.450	\$ 40.00	\$ 58.00	\$ 290.00	\$ 918.25	
15		Washer Vent Box Model: 425	EA	5	0%	5	\$ 98.25	\$ 491.25	1.090	\$ 40.00	\$ 43.60	\$ 218.00	\$ 709.25	
16		(4" Dia ) Wall Cap	EA	15	0%	15	\$ 55.20	\$ 828.00	0.400	\$ 40.00	\$ 16.00	\$ 240.00	\$ 1,068.00	
17		(3/4" Dia) EZ-Trap Float Switches	EA	5	0%	5	\$ 55.20	\$ 276.00	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$ 336.00	
18		(10" Dia) Ceiling Radiation Damper	EA	5	0%	5	\$ 88.65	\$ 443.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$ 613.65	
19		(14"x12") Ceiling Radiation Damper	EA	5	0%	5	\$ 102.00	\$ 510.00	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$ 680.40	
20		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 426.60	
21		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 220.32	\$ 1,101.60	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$ 1,272.00	
22		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	15	0%	15	\$ 210.32	\$ 3,154.80	0.852	\$ 40.00	\$ 34.08	\$ 511.20	\$ 3,666.00	
23		(30"x10") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 320.78	\$ 1,603.90	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 1,688.90	
24		Split System Unit " CU-2" Model: BA15NAO24	EA	5	0%	5	\$ 1,732.32	\$ 8,661.60	3.980	\$ 40.00	\$ 159.20	\$ 796.00	\$ 9,457.60	
25		Fan Coil Unit " FC-2" Manuf/ Model: First CO/26HXX	EA	5	0%	5	\$ 1,368.32	\$ 6,841.60	2.450	\$ 40.00	\$ 98.00	\$ 490.00	\$ 7,331.60	
26		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$ 1,396.00	
<b>Duct</b>														
<b>Round</b>														
27		(4" Dia) Duct	LF	295	5%	310	\$ 1.56	\$ 482.59	0.148	\$ 40.00	\$ 5.90	\$ 1,828.76	\$ 2,311.35	
28		(6" Dia) Duct	LF	175	5%	184	\$ 4.27	\$ 784.61	0.192	\$ 40.00	\$ 7.68	\$ 1,411.20	\$ 2,195.81	
29		(8" Dia) Duct	LF	15	5%	16	\$ 4.55	\$ 71.66	0.247	\$ 40.00	\$ 9.87	\$ 155.45	\$ 227.12	
30		(10" Dia) Duct	LF	375	5%	394	\$ 3.79	\$ 1,492.47	0.309	\$ 40.00	\$ 12.36	\$ 4,866.75	\$ 6,359.22	
<b>Rectangular</b>														
31		(14"x12") Duct	LF	105	5%	110	\$ 5.31	\$ 585.25	0.433	\$ 40.00	\$ 17.31	\$ 1,908.43	\$ 2,493.68	
<b>Pipe</b>														
32		(3/4" Dia) Condensate Drain	LF	70	5%	74	\$ 10.38	\$ 762.93	0.160	\$ 40.00	\$ 6.40	\$ 470.40	\$ 1,233.33	
<b>Connection</b>														
33		(6" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 75.35	\$ 376.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$ 523.95	
34		(8" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 93.62	\$ 468.10	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$ 647.10	
35		(4" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 67.35	\$ 1,010.25	0.736	\$ 40.00	\$ 29.44	\$ 441.60	\$ 1,451.85	
36		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00	\$ 1,294.20	
37		(14"x12" To 8") Transction	EA	5	0%	5	\$ 106.08	\$ 530.40	0.550	\$ 40.00	\$ 22.00	\$ 110.00	\$ 640.40	
38		(14"x12" To 10") Transction	EA	10	0%	10	\$ 102.00	\$ 1,020.00	0.600	\$ 40.00	\$ 24.00	\$ 240.00	\$ 1,260.00	
<b>Unit S1 ( 2 EA)</b>														
<b>HVAC Fixture</b>														
39		Thermostat	EA	2	0%	2	\$ 110.65	\$ 221.30	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$ 285.30	
40		(4" Dia) Wall Cap	EA	4	0%	4	\$ 55.20	\$ 220.80	0.400	\$ 40.00	\$ 16.00	\$ 64.00	\$ 284.80	
41		(10" Dia) Wall Cap	EA	2	0%	2	\$ 69.32	\$ 138.64	0.485	\$ 40.00	\$ 19.40	\$ 38.80	\$ 177.44	
42		(6" Dia) Wall Cap	EA	2	0%	2	\$ 62.33	\$ 124.66	0.452	\$ 40.00	\$ 18.08	\$ 36.16	\$ 160.82	
43		(3/4" Dia) EZ-Trap Float Switches	EA	2	0%	2	\$ 55.20	\$ 110.40	0.300	\$ 40.00	\$ 12.00	\$ 24.00	\$ 134.40	
44		(10" Dia) Ceiling Radiation Damper	EA	2	0%	2	\$ 88.65	\$ 177.30	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 245.46	
45		Washer Vent Box Model: 425	EA	2	0%	2	\$ 98.25	\$ 196.50	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$ 283.70	
46		Split System Unit " CU-2" Model: BA15NAO18	EA	2	0%	2	\$ 1,732.32	\$ 3,464.64	3.980	\$ 40.00	\$ 159.20	\$ 318.40	\$ 3,783.04	
47		(10"x6") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 194.31	\$ 777.24	1.200	\$ 40.00	\$ 48.00	\$ 192.00	\$ 969.24	
48		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 320.78	\$ 641.56	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 675.56	
49		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 170.64	
50		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	2	0%	2	\$ 210.32	\$ 420.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 488.80	
51		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 170.64	
52		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 220.32	\$ 440.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 508.80	
53		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
54		Fan Coil Unit " FC-1" Manuf/ Model: First CO/20HXX	EA	2	0%	2	\$ 1,368.32	\$ 2,736.64	2.450	\$ 40.00	\$ 98.00	\$ 196.00	\$ 2,932.64	
<b>Duct</b>														
<b>Round</b>														

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Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
69		(6" Dia) Duct	LF	52	5%	55	\$ 4.27	\$ 233.14	0.192	\$ 40.00	\$ 7.68	\$ 419.33		\$ 652.47
70		(7" Dia) Duct	LF	20	5%	21	\$ 3.45	\$ 72.45	0.247	\$ 40.00	\$ 9.87	\$ 207.27		\$ 279.72
71		(4" Dia) Duct	LF	38	5%	40	\$ 1.56	\$ 62.16	0.148	\$ 40.00	\$ 5.90	\$ 235.57		\$ 297.73
72		(10" Dia) Duct	LF	90	5%	95	\$ 3.79	\$ 358.19	0.309	\$ 40.00	\$ 12.36	\$ 1,168.02		\$ 1,526.21
73		<b>Pipe</b>												
74		(3/4" Dia) Condensate Drain	LF	34	5%	36	\$ 10.38	\$ 370.57	0.160	\$ 40.00	\$ 6.40	\$ 228.48		\$ 599.05
75		<b>Connection</b>												
76		(4" to 10") Tee	EA	2	0%	2	\$ 35.65	\$ 71.30	0.450	\$ 40.00	\$ 18.00	\$ 36.00		\$ 107.30
77		(7" Dia) 45D Elbow	EA	8	0%	8	\$ 80.25	\$ 642.00	0.736	\$ 40.00	\$ 29.44	\$ 235.52		\$ 877.52
78		(4" Dia) 45D Elbow	EA	6	0%	6	\$ 50.35	\$ 302.10	0.736	\$ 40.00	\$ 29.44	\$ 176.64		\$ 478.74
79		(4" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 67.35	\$ 538.80	0.736	\$ 40.00	\$ 29.44	\$ 235.52		\$ 774.32
80		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76		\$ 419.16
81		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00		\$ 1,294.20
82		<b>Unit C2 (4 EA)</b>												
83		<b>HVAC Fixture</b>												
84		Thermostat	EA	4	0%	4	\$ 110.65	\$ 442.60	0.800	\$ 40.00	\$ 32.00	\$ 128.00		\$ 570.60
85		(4" Dia) Wall Cap	EA	4	0%	4	\$ 55.20	\$ 220.80	0.400	\$ 40.00	\$ 16.00	\$ 64.00		\$ 284.80
86		(6" Dia) Wall Cap	EA	8	0%	8	\$ 62.33	\$ 498.66	0.452	\$ 40.00	\$ 18.08	\$ 144.64		\$ 643.30
87		Washable Filter	EA	4	0%	4	\$ 125.65	\$ 502.60	1.450	\$ 40.00	\$ 58.00	\$ 232.00		\$ 734.60
88		(3/4" Dia) EZ-Trap Float Switches	EA	4	0%	4	\$ 55.20	\$ 220.80	0.300	\$ 40.00	\$ 12.00	\$ 48.00		\$ 268.80
89		(14"x14") Ceiling Radiation Damper	EA	4	0%	4	\$ 106.85	\$ 427.40	0.852	\$ 40.00	\$ 34.08	\$ 136.32		\$ 563.72
90		(10" Dia) Ceiling Radiation Damper	EA	4	0%	4	\$ 88.65	\$ 354.60	0.852	\$ 40.00	\$ 34.08	\$ 136.32		\$ 490.92
91		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	4	0%	4	\$ 220.32	\$ 881.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32		\$ 1,017.60
92		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	16	0%	16	\$ 210.32	\$ 3,365.12	0.852	\$ 40.00	\$ 34.08	\$ 545.28		\$ 3,910.40
93		Washer Vent Box Model: 425	EA	4	0%	4	\$ 98.25	\$ 393.00	1.090	\$ 40.00	\$ 43.60	\$ 174.40		\$ 567.40
94		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00		\$ 341.28
95		Split System Unit " CU-3" Model: BA15NA036	EA	4	0%	4	\$ 1,732.32	\$ 6,929.28	3.980	\$ 40.00	\$ 159.20	\$ 636.80		\$ 7,566.08
96		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	4	0%	4	\$ 231.20	\$ 924.80	1.200	\$ 40.00	\$ 48.00	\$ 192.00		\$ 1,116.80
97		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	4	0%	4	\$ 1,368.32	\$ 5,473.28	2.450	\$ 40.00	\$ 98.00	\$ 392.00		\$ 5,865.28
98		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	4	0%	4	\$ 320.78	\$ 1,283.12	0.425	\$ 40.00	\$ 17.00	\$ 68.00		\$ 1,351.12
99		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	4	0%	4	\$ 231.20	\$ 924.80	1.200	\$ 40.00	\$ 48.00	\$ 192.00		\$ 1,116.80
100		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00		\$ 341.28
101		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00		\$ 341.28
102		(18"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 280.65	\$ 1,122.60	0.720	\$ 40.00	\$ 28.80	\$ 115.20		\$ 1,237.80
103		<b>Duct</b>												
104		<b>Round</b>												
105		(6" Dia) Duct	LF	128	5%	134	\$ 4.27	\$ 573.89	0.192	\$ 40.00	\$ 7.68	\$ 1,032.19		\$ 1,606.08
106		(4" Dia) Duct	LF	280	5%	294	\$ 1.56	\$ 458.05	0.148	\$ 40.00	\$ 5.90	\$ 1,735.78		\$ 2,193.83
107		(10" Dia) Duct	LF	136	5%	143	\$ 3.79	\$ 541.27	0.309	\$ 40.00	\$ 12.36	\$ 1,765.01		\$ 2,306.28
108		(7" Dia) Duct	LF	120	5%	126	\$ 3.45	\$ 434.70	0.247	\$ 40.00	\$ 9.87	\$ 1,243.62		\$ 1,678.32
109		(9" Dia) Duct	LF	32	5%	34	\$ 4.79	\$ 160.94	0.309	\$ 40.00	\$ 12.36	\$ 415.30		\$ 576.24
110		(5" Dia) Duct	LF	16	5%	17	\$ 2.27	\$ 38.18	0.192	\$ 40.00	\$ 7.68	\$ 129.02		\$ 167.20
111		<b>Rectangular</b>												
112		(14"x14") Duct	LF	32	5%	34	\$ 7.35	\$ 249.96	0.433	\$ 40.00	\$ 17.31	\$ 581.62		\$ 828.58
113		<b>Pipe</b>												
114		(3/4" Dia) Condensate Drain	LF	70	5%	74	\$ 10.38	\$ 762.93	0.160	\$ 40.00	\$ 6.40	\$ 470.40		\$ 1,233.33
115		<b>Connection</b>												
116		(6" to 4") Tee	EA	4	0%	4	\$ 42.10	\$ 168.40	0.500	\$ 40.00	\$ 20.00	\$ 80.00		\$ 248.40
117		(6" to 5" to 4") Tee	EA	4	0%	4	\$ 42.10	\$ 168.40	0.500	\$ 40.00	\$ 20.00	\$ 80.00		\$ 248.40
118		(4" Dia) 45D Elbow	EA	4	0%	4	\$ 50.35	\$ 201.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76		\$ 319.16
119		(4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 67.35	\$ 269.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76		\$ 387.16
120		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76		\$ 419.16
121		(9" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 102.00	\$ 816.00	1.090	\$ 40.00	\$ 43.60	\$ 348.80		\$ 1,164.80
122		(7" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 85.66	\$ 1,027.92	0.736	\$ 40.00	\$ 29.44	\$ 353.28		\$ 1,381.20
123		(10" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 93.62	\$ 748.96	0.895	\$ 40.00	\$ 35.80	\$ 286.40		\$ 1,035.36
124		(3/4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 24.80	\$ 99.20	0.895	\$ 40.00	\$ 35.80	\$ 143.20		\$ 242.40
125		(14"x14" To 10") Transition	EA	8	0%	8	\$ 85.60	\$ 684.80	1.090	\$ 40.00	\$ 43.60	\$ 348.80		\$ 1,033.60
126		(14"x14" To 4") Transition	EA	4	0%	4	\$ 55.55	\$ 222.20	0.300	\$ 40.00	\$ 12.00	\$ 48.00		\$ 270.20
127		(14"x14" To 7") Transition	EA	8	0%	8	\$ 45.80	\$ 366.40	0.350	\$ 40.00	\$ 14.00	\$ 112.00		\$ 478.40
128		(14"x14" To 6") Transition	EA	4	0%	4	\$ 45.80	\$ 183.20	0.350	\$ 40.00	\$ 14.00	\$ 56.00		\$ 239.20
129		<b>Unit C4</b>												
130		<b>HVAC Fixture</b>												
131		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00		\$ 142.65
132		(4" Dia) Wall Cap	EA	3	0%	3	\$ 55.20	\$ 165.60	0.400	\$ 40.00	\$ 16.00	\$ 48.00		\$ 213.60
133		Washable Filter	EA	1	0%	1	\$ 125.65	\$ 125.65	1.450	\$ 40.00	\$ 58.00	\$ 58.00		\$ 183.65
134		(6" Dia) Wall Cap	EA	1	0%	1	\$ 62.33	\$ 62.33	0.452	\$ 40.00	\$ 18.08	\$ 18.08		\$ 80.41
135		(3/4" Dia) EZ-Trap Float Switches	EA	1	0%	1	\$ 55.20	\$ 55.20	0.300	\$ 40.00	\$ 12.00	\$ 12.00		\$ 67.20
136		(16"x14") Ceiling Radiation Damper	EA	1	0%	1	\$ 140.62	\$ 140.62	0.852	\$ 40.00	\$ 34.08	\$ 34.08		\$ 174.70
137		(10" Dia) Ceiling Radiation Damper	EA	1	0%	1	\$ 88.65	\$ 88.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08		\$ 122.73
138		Washer Vent Box Model: 425	EA	1	0%	1	\$ 98.25	\$ 98.25	1.090	\$ 40.00	\$ 43.60	\$ 43.60		\$ 141.85
139		Split System Unit " CU-3" Model: BA15NA036	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20		\$ 1,891.52
140		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 220.32	\$ 220.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08		\$ 254.40
141		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00		\$ 279.20
142		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00		\$ 1,466.32
143		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00		\$ 170.64
144		(15"x15") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	1	0%	1	\$ 240.65	\$ 240.65	0.720	\$ 40.00	\$ 28.80	\$ 28.80		\$ 269.45

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
145		(12"x12") Ceiling Diffuser W CRD "CR-1 Manuf: True Aire Model: 104	EA	4	0%	4	\$ 210.32	\$ 841.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$	\$ 977.60
146		Exhaust Fan "EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	\$ 279.20
147		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 320.78	\$ 320.78	0.425	\$ 40.00	\$ 17.00	\$ 17.00	\$	\$ 337.78
148		<b>Duct</b>												
149		<b>Round</b>												
150		(6" Dia) Duct	LF	45	5%	47	\$ 4.27	\$ 201.76	0.192	\$ 40.00	\$ 7.68	\$ 362.88	\$	\$ 564.64
151		(4" Dia) Duct	LF	86	5%	90	\$ 1.56	\$ 140.69	0.148	\$ 40.00	\$ 5.90	\$ 533.13	\$	\$ 673.82
152		(7" Dia) Duct	LF	17	5%	18	\$ 3.45	\$ 61.58	0.247	\$ 40.00	\$ 9.87	\$ 176.18	\$	\$ 237.76
153		(5" Dia) Duct	LF	22	5%	23	\$ 2.27	\$ 52.49	0.192	\$ 40.00	\$ 7.68	\$ 177.41	\$	\$ 229.90
154		(10" Dia) Duct	LF	125	5%	131	\$ 3.79	\$ 497.49	0.309	\$ 40.00	\$ 12.36	\$ 1,622.25	\$	\$ 2,119.74
155		<b>Rectangular</b>												
156		(16"x14") Duct	LF	22	5%	23	\$ 8.35	\$ 192.89	0.433	\$ 40.00	\$ 17.31	\$ 399.86	\$	\$ 592.75
157		<b>Pipe</b>												
158		(3/4" Dia) Condensate Drain	LF	14	5%	15	\$ 10.38	\$ 152.59	0.160	\$ 40.00	\$ 6.40	\$ 94.08	\$	\$ 246.67
159		<b>Connection</b>												
160		(6" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 75.35	\$ 150.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	\$ 209.58
161		(7" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 85.66	\$ 171.32	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	\$ 230.20
162		(4" Dia) 90D Radius Elbow	EA	1	0%	1	\$ 67.35	\$ 67.35	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$	\$ 96.79
163		(5" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 60.15	\$ 120.30	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	\$ 179.18
164		(10" Dia) 90D Radius Elbow	EA	6	0%	6	\$ 93.62	\$ 561.72	0.895	\$ 40.00	\$ 35.80	\$ 214.80	\$	\$ 776.52
165		(16"x14" To 10") Transition	EA	3	0%	3	\$ 120.18	\$ 360.54	0.800	\$ 40.00	\$ 32.00	\$ 96.00	\$	\$ 456.54
166		(16"x14" To 5") Transition	EA	2	0%	2	\$ 65.80	\$ 131.60	0.280	\$ 40.00	\$ 11.20	\$ 22.40	\$	\$ 154.00
167		(16"x14" To 7") Transition	EA	2	0%	2	\$ 88.65	\$ 177.30	0.550	\$ 40.00	\$ 22.00	\$ 44.00	\$	\$ 221.30
168		<b>Building 1 Second Floor</b>												
169		<b>Common Area</b>												
170		<b>HVAC Fixture</b>												
171		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	\$ 142.65
172		(5" Dia) Wall Cap	EA	1	0%	1	\$ 58.32	\$ 58.32	0.485	\$ 40.00	\$ 19.40	\$ 19.40	\$	\$ 77.72
173		Mini Split Wall Mounted "MSFC-1" Model: PKA-A18HA	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	\$ 1,466.32
174		Exhaust Fan "EF-5" W CRD Manuf: Janitor Model: Greenheck	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	\$ 279.20
175		<b>Duct</b>												
176		(5" Dia) Duct	LF	22	5%	23	\$ 2.27	\$ 52.49	0.192	\$ 40.00	\$ 7.68	\$ 177.41	\$	\$ 229.90
177		<b>Pipe</b>												
178		(3/4" Dia) Condensate Drain	LF	29	5%	30	\$ 10.38	\$ 316.07	0.160	\$ 40.00	\$ 6.40	\$ 194.88	\$	\$ 510.95
179		<b>Connection</b>												
180		(3/4" Dia) 90D Bend	EA	2	0%	2	\$ 75.66	\$ 151.32	0.360	\$ 40.00	\$ 14.40	\$ 28.80	\$	\$ 180.12
181		<b>Unit A1 ( 5 EA)</b>												
182		<b>HVAC Fixture</b>												
183		Thermostat	EA	5	0%	5	\$ 110.65	\$ 553.25	0.800	\$ 40.00	\$ 32.00	\$ 160.00	\$	\$ 713.25
184		Washable Filter	EA	5	0%	5	\$ 125.65	\$ 628.25	1.450	\$ 40.00	\$ 58.00	\$ 290.00	\$	\$ 918.25
185		Washer Vent Box Model: 425	EA	5	0%	5	\$ 98.25	\$ 491.25	1.090	\$ 40.00	\$ 43.60	\$ 218.00	\$	\$ 709.25
186		(4" Dia) Wall Cap	EA	15	0%	15	\$ 55.20	\$ 828.00	0.400	\$ 40.00	\$ 16.00	\$ 240.00	\$	\$ 1,068.00
187		(3/4" Dia) EZ-Trap Float Switches	EA	5	0%	5	\$ 55.20	\$ 276.00	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$	\$ 336.00
188		(10" Dia) Ceiling Radiation Damper	EA	5	0%	5	\$ 88.65	\$ 443.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	\$ 613.65
189		(14"x12") Ceiling Radiation Damper	EA	5	0%	5	\$ 102.00	\$ 510.00	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	\$ 680.40
190		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	\$ 426.60
191		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 220.32	\$ 1,101.60	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	\$ 1,272.00
192		(12"x12") Ceiling Diffuser W CRD "CR-1 Manuf: True Aire Model: 104	EA	15	0%	15	\$ 210.32	\$ 3,154.80	0.852	\$ 40.00	\$ 34.08	\$ 511.20	\$	\$ 3,666.00
193		(30"x10") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 320.78	\$ 1,603.90	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	\$ 1,688.90
194		Split System Unit "CU-2" Model: BA15NAO24	EA	5	0%	5	\$ 1,732.32	\$ 8,661.60	3.980	\$ 40.00	\$ 159.20	\$ 796.00	\$	\$ 9,457.60
195		Fan Coil Unit "FC-2" Manuf/ Model: First CO/26HXX	EA	5	0%	5	\$ 1,368.32	\$ 6,841.60	2.450	\$ 40.00	\$ 98.00	\$ 490.00	\$	\$ 7,331.60
196		Exhaust Fan "EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$	\$ 1,396.00
197		<b>Duct</b>												
198		<b>Round</b>												
199		(4" Dia) Duct	LF	295	5%	310	\$ 1.56	\$ 482.59	0.148	\$ 40.00	\$ 5.90	\$ 1,828.76	\$	\$ 2,311.35
200		(6" Dia) Duct	LF	175	5%	184	\$ 4.27	\$ 784.61	0.192	\$ 40.00	\$ 7.68	\$ 1,411.20	\$	\$ 2,195.81
201		(8" Dia) Duct	LF	15	5%	16	\$ 4.55	\$ 71.66	0.247	\$ 40.00	\$ 9.87	\$ 155.45	\$	\$ 227.12
202		(10" Dia) Duct	LF	375	5%	394	\$ 3.79	\$ 1,492.47	0.309	\$ 40.00	\$ 12.36	\$ 4,866.75	\$	\$ 6,359.22
203		<b>Rectangular</b>												
204		(14"x12") Duct	LF	105	5%	110	\$ 5.31	\$ 585.25	0.433	\$ 40.00	\$ 17.31	\$ 1,908.43	\$	\$ 2,493.68
205		<b>Pipe</b>												
206		(3/4" Dia) Condensate Drain	LF	70	5%	74	\$ 10.38	\$ 762.93	0.160	\$ 40.00	\$ 6.40	\$ 470.40	\$	\$ 1,233.33
207		<b>Connection</b>												
208		(6" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 75.35	\$ 376.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$	\$ 523.95
209		(8" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 93.62	\$ 468.10	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$	\$ 647.10
210		(4" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 67.35	\$ 1,010.25	0.736	\$ 40.00	\$ 29.44	\$ 441.60	\$	\$ 1,451.85
211		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00	\$	\$ 1,294.20
212		(14"x12" To 8") Transition	EA	5	0%	5	\$ 106.08	\$ 530.40	0.550	\$ 40.00	\$ 22.00	\$ 110.00	\$	\$ 640.40
213		(14"x12" To 10") Transition	EA	10	0%	10	\$ 102.00	\$ 1,020.00	0.600	\$ 40.00	\$ 24.00	\$ 240.00	\$	\$ 1,260.00
214		<b>Unit S1 ( 2 EA)</b>												
215		<b>HVAC Fixture</b>												
216		Thermostat	EA	2	0%	2	\$ 110.65	\$ 221.30	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$	\$ 285.30
217		(4" Dia) Wall Cap	EA	4	0%	4	\$ 55.20	\$ 220.80	0.400	\$ 40.00	\$ 16.00	\$ 64.00	\$	\$ 284.80
218		(10" Dia) Wall Cap	EA	2	0%	2	\$ 69.32	\$ 138.64	0.485	\$ 40.00	\$ 19.40	\$ 38.80	\$	\$ 177.44
219		(6" Dia) Wall Cap	EA	2	0%	2	\$ 62.33	\$ 124.66	0.452	\$ 40.00	\$ 18.08	\$ 36.16	\$	\$ 160.82
220		(3/4" Dia) EZ-Trap Float Switches	EA	2	0%	2	\$ 55.20	\$ 110.40	0.300	\$ 40.00	\$ 12.00	\$ 24.00	\$	\$ 134.40
221		(10" Dia) Ceiling Radiation Damper	EA	2	0%	2	\$ 88.65	\$ 177.30	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$	\$ 245.46
222		Washer Vent Box Model: 425	EA	2	0%	2	\$ 98.25	\$ 196.50	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$	\$ 283.70
223		Split System Unit "CU-2" Model: BA15NAO18	EA	2	0%	2	\$ 1,732.32	\$ 3,464.64	3.980	\$ 40.00	\$ 159.20	\$ 318.40	\$	\$ 3,783.04
224		(10"x6") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 194.31	\$ 777.24	1.200	\$ 40.00	\$ 48.00	\$ 192.00	\$	\$ 969.24

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
225		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 320.78	\$ 641.56	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 675.56	
226		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 170.64	
227		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	2	0%	2	\$ 210.32	\$ 420.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 488.80	
228		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 170.64	
229		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 220.32	\$ 440.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 508.80	
230		Exhaust Fan "EF-1" Manuf: Panasonic MModel: FV-0810VSS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
231		Fan Coil Unit "FC-1" Manuf/ Model: First CO/20HXX	EA	2	0%	2	\$ 1,368.32	\$ 2,736.64	2.450	\$ 40.00	\$ 98.00	\$ 196.00	\$ 2,932.64	
232		<b>Duct</b>												
233		<b>Round</b>												
234		(6" Dia) Duct	LF	52	5%	55	\$ 4.27	\$ 233.14	0.192	\$ 40.00	\$ 7.68	\$ 419.33	\$ 652.47	
235		(7" Dia) Duct	LF	20	5%	21	\$ 3.45	\$ 72.45	0.247	\$ 40.00	\$ 9.87	\$ 207.27	\$ 279.72	
236		(4" Dia) Duct	LF	38	5%	40	\$ 1.56	\$ 62.16	0.148	\$ 40.00	\$ 5.90	\$ 235.57	\$ 297.73	
237		(10" Dia) Duct	LF	90	5%	95	\$ 3.79	\$ 358.19	0.309	\$ 40.00	\$ 12.36	\$ 1,168.02	\$ 1,526.21	
238		<b>Pipe</b>												
239		(3/4" Dia) Condensate Drain	LF	34	5%	36	\$ 10.38	\$ 370.57	0.160	\$ 40.00	\$ 6.40	\$ 228.48	\$ 599.05	
240		<b>Connection</b>												
241		(4" to 10") Tee	EA	2	0%	2	\$ 35.65	\$ 71.30	0.450	\$ 40.00	\$ 18.00	\$ 36.00	\$ 107.30	
242		(7" Dia) 45D Elbow	EA	8	0%	8	\$ 80.25	\$ 642.00	0.736	\$ 40.00	\$ 29.44	\$ 235.52	\$ 877.52	
243		(4" Dia) 45D Elbow	EA	6	0%	6	\$ 50.35	\$ 302.10	0.736	\$ 40.00	\$ 29.44	\$ 176.64	\$ 478.74	
244		(4" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 67.35	\$ 538.80	0.736	\$ 40.00	\$ 29.44	\$ 235.52	\$ 774.32	
245		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 419.16	
246		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00	\$ 1,294.20	
247		<b>Unit C2 (4 EA)</b>												
248		<b>HVAC Fixture</b>												
249		Thermostat	EA	4	0%	4	\$ 110.65	\$ 442.60	0.800	\$ 40.00	\$ 32.00	\$ 128.00	\$ 570.60	
250		(4" Dia) Wall Cap	EA	4	0%	4	\$ 55.20	\$ 220.80	0.400	\$ 40.00	\$ 16.00	\$ 64.00	\$ 284.80	
251		(6" Dia) Wall Cap	EA	8	0%	8	\$ 62.33	\$ 498.66	0.452	\$ 40.00	\$ 18.08	\$ 144.64	\$ 643.30	
252		Washable Filter	EA	4	0%	4	\$ 125.65	\$ 502.60	1.450	\$ 40.00	\$ 58.00	\$ 232.00	\$ 734.60	
253		(3/4" Dia) EZ-Trap Float Switches	EA	4	0%	4	\$ 55.20	\$ 220.80	0.300	\$ 40.00	\$ 12.00	\$ 48.00	\$ 268.80	
254		(14"x14") Ceiling Radiation Damper	EA	4	0%	4	\$ 106.85	\$ 427.40	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$ 563.72	
255		(10" Dia) Ceiling Radiation Damper	EA	4	0%	4	\$ 88.65	\$ 354.60	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$ 490.92	
256		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	4	0%	4	\$ 220.32	\$ 881.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$ 1,017.60	
257		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	16	0%	16	\$ 210.32	\$ 3,365.12	0.852	\$ 40.00	\$ 34.08	\$ 545.28	\$ 3,910.40	
258		Washer Vent Box Model: 425	EA	4	0%	4	\$ 98.25	\$ 393.00	1.090	\$ 40.00	\$ 43.60	\$ 174.40	\$ 567.40	
259		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$ 341.28	
260		Split System Unit "CU-3" Model: BA15NA036	EA	4	0%	4	\$ 1,732.32	\$ 6,929.28	3.980	\$ 40.00	\$ 159.20	\$ 636.80	\$ 7,566.08	
261		Exhaust Fan "EF-1A" Manuf: Panasonic MModel: FV-0510V51	EA	4	0%	4	\$ 231.20	\$ 924.80	1.200	\$ 40.00	\$ 48.00	\$ 192.00	\$ 1,116.80	
262		Fan Coil Unit "FC-3" Manuf/ Model: First CO/37HXX	EA	4	0%	4	\$ 1,368.32	\$ 5,473.28	2.450	\$ 40.00	\$ 98.00	\$ 392.00	\$ 5,865.28	
263		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	4	0%	4	\$ 320.78	\$ 1,283.12	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$ 1,351.12	
264		Exhaust Fan "EF-1" Manuf: Panasonic MModel: FV-0810VSS1	EA	4	0%	4	\$ 231.20	\$ 924.80	1.200	\$ 40.00	\$ 48.00	\$ 192.00	\$ 1,116.80	
265		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$ 341.28	
266		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$ 341.28	
267		(18"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 280.65	\$ 1,122.60	0.720	\$ 40.00	\$ 28.80	\$ 115.20	\$ 1,237.80	
268		<b>Duct</b>												
269		<b>Round</b>												
270		(6" Dia) Duct	LF	128	5%	134	\$ 4.27	\$ 573.89	0.192	\$ 40.00	\$ 7.68	\$ 1,032.19	\$ 1,606.08	
271		(4" Dia) Duct	LF	280	5%	294	\$ 1.56	\$ 458.05	0.148	\$ 40.00	\$ 5.90	\$ 1,735.78	\$ 2,193.83	
272		(10" Dia) Duct	LF	136	5%	143	\$ 3.79	\$ 541.27	0.309	\$ 40.00	\$ 12.36	\$ 1,765.01	\$ 2,306.28	
273		(7" Dia) Duct	LF	120	5%	126	\$ 3.45	\$ 434.70	0.247	\$ 40.00	\$ 9.87	\$ 1,243.62	\$ 1,678.32	
274		(9" Dia) Duct	LF	32	5%	34	\$ 4.79	\$ 160.94	0.309	\$ 40.00	\$ 12.36	\$ 415.30	\$ 576.24	
275		(5" Dia) Duct	LF	16	5%	17	\$ 2.27	\$ 38.18	0.192	\$ 40.00	\$ 7.68	\$ 129.02	\$ 167.20	
276		<b>Rectangular</b>												
277		(14"x14") Duct	LF	32	5%	34	\$ 7.35	\$ 246.96	0.433	\$ 40.00	\$ 17.31	\$ 581.62	\$ 828.58	
278		<b>Pipe</b>												
279		(3/4" Dia) Condensate Drain	LF	70	5%	74	\$ 10.38	\$ 762.93	0.160	\$ 40.00	\$ 6.40	\$ 470.40	\$ 1,233.33	
280		<b>Connection</b>												
281		(6" to 4") Tee	EA	4	0%	4	\$ 42.10	\$ 168.40	0.500	\$ 40.00	\$ 20.00	\$ 80.00	\$ 248.40	
282		(6" to 5" to 4") Tee	EA	4	0%	4	\$ 42.10	\$ 168.40	0.500	\$ 40.00	\$ 20.00	\$ 80.00	\$ 248.40	
283		(4" Dia) 45D Elbow	EA	4	0%	4	\$ 50.35	\$ 201.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 319.16	
284		(4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 67.35	\$ 269.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 387.16	
285		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 419.16	
286		(9" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 102.00	\$ 816.00	1.090	\$ 40.00	\$ 43.60	\$ 348.80	\$ 1,164.80	
287		(7" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 85.66	\$ 1,027.92	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$ 1,381.20	
288		(10" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 93.62	\$ 748.96	0.895	\$ 40.00	\$ 35.80	\$ 286.40	\$ 1,035.36	
289		(3/4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 24.80	\$ 99.20	0.895	\$ 40.00	\$ 35.80	\$ 143.20	\$ 242.40	
290		(14"x14" To 10") Transition	EA	8	0%	8	\$ 85.60	\$ 684.80	1.090	\$ 40.00	\$ 43.60	\$ 348.80	\$ 1,033.60	
291		(14"x14" To 4") Transition	EA	4	0%	4	\$ 55.55	\$ 222.20	0.300	\$ 40.00	\$ 12.00	\$ 48.00	\$ 270.20	
292		(14"x14" To 7") Transition	EA	8	0%	8	\$ 45.80	\$ 366.40	0.350	\$ 40.00	\$ 14.00	\$ 112.00	\$ 478.40	
293		(14"x14" To 6") Transition	EA	4	0%	4	\$ 45.80	\$ 183.20	0.350	\$ 40.00	\$ 14.00	\$ 56.00	\$ 239.20	
294		<b>Unit C4</b>												
295		<b>HVAC Fixture</b>												
296		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$ 142.65	
297		(4" Dia) Wall Cap	EA	3	0%	3	\$ 55.20	\$ 165.60	0.400	\$ 40.00	\$ 16.00	\$ 48.00	\$ 213.60	
298		Washable Filter	EA	1	0%	1	\$ 125.65	\$ 125.65	1.450	\$ 40.00	\$ 58.00	\$ 58.00	\$ 183.65	

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
299		(6" Dia) Wall Cap	EA	1	0%	1	\$ 62.33	\$ 62.33	0.452	\$ 40.00	\$ 18.08	\$ 18.08	\$	80.41
300		(3/4" Dia) EZ-Trap Float Switches	EA	1	0%	1	\$ 55.20	\$ 55.20	0.300	\$ 40.00	\$ 12.00	\$ 12.00	\$	67.20
301		(16"x14") Ceiling Radiation Damper	EA	1	0%	1	\$ 140.62	\$ 140.62	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	174.70
302		(10" Dia) Ceiling Radiation Damper	EA	1	0%	1	\$ 88.65	\$ 88.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	122.73
303		Washer Vent Box Model: 425	EA	1	0%	1	\$ 98.25	\$ 98.25	1.090	\$ 40.00	\$ 43.60	\$ 43.60	\$	141.85
304		Split System Unit " CU-3" Model: BA15NA036	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$	1,891.52
305		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 220.32	\$ 220.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	254.40
306		Exhaust Fan " EF-1A" Manuf: Panasonic MODEL: FV-0510V51	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
307		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	1,466.32
308		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$	170.64
309		(15"x15") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	1	0%	1	\$ 240.65	\$ 240.65	0.720	\$ 40.00	\$ 28.80	\$ 28.80	\$	269.45
310		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 210.32	\$ 841.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$	977.60
311		Exhaust Fan " EF-1" Manuf: Panasonic MODEL: FV-0810V5S1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
312		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 320.78	\$ 320.78	0.425	\$ 40.00	\$ 17.00	\$ 17.00	\$	337.78
313		<b>Duct</b>												
314		<b>Round</b>												
315		(6" Dia) Duct	LF	45	5%	47	\$ 4.27	\$ 201.76	0.192	\$ 40.00	\$ 7.68	\$ 362.88	\$	564.64
316		(4" Dia) Duct	LF	86	5%	90	\$ 1.56	\$ 140.69	0.148	\$ 40.00	\$ 5.90	\$ 533.13	\$	673.82
317		(7" Dia) Duct	LF	17	5%	18	\$ 3.45	\$ 61.58	0.247	\$ 40.00	\$ 9.87	\$ 176.18	\$	237.76
318		(5" Dia) Duct	LF	22	5%	23	\$ 2.27	\$ 52.49	0.192	\$ 40.00	\$ 7.68	\$ 177.41	\$	229.90
319		(10" Dia) Duct	LF	125	5%	131	\$ 3.79	\$ 497.49	0.309	\$ 40.00	\$ 12.36	\$ 1,622.25	\$	2,119.74
320		<b>Rectangular</b>												
321		(16"x14") Duct	LF	22	5%	23	\$ 8.35	\$ 192.89	0.433	\$ 40.00	\$ 17.31	\$ 399.86	\$	592.75
322		<b>Pipe</b>												
323		(3/4" Dia) Condensate Drain	LF	14	5%	15	\$ 10.38	\$ 152.59	0.160	\$ 40.00	\$ 6.40	\$ 94.08	\$	246.67
324		<b>Connection</b>												
325		(6" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 75.35	\$ 150.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	209.58
326		(7" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 85.66	\$ 171.32	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	230.20
327		(4" Dia) 90D Radius Elbow	EA	1	0%	1	\$ 67.35	\$ 67.35	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$	96.79
328		(5" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 60.15	\$ 120.30	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	179.18
329		(10" Dia) 90D Radius Elbow	EA	6	0%	6	\$ 93.62	\$ 561.72	0.895	\$ 40.00	\$ 35.80	\$ 214.80	\$	776.52
330		(16"x14" To 10") Transition	EA	3	0%	3	\$ 120.18	\$ 360.54	0.800	\$ 40.00	\$ 32.00	\$ 96.00	\$	456.54
331		(16"x14" To 5") Transition	EA	2	0%	2	\$ 65.80	\$ 131.60	0.280	\$ 40.00	\$ 11.20	\$ 22.40	\$	154.00
332		(16"x14" To 7") Transition	EA	2	0%	2	\$ 88.65	\$ 177.30	0.550	\$ 40.00	\$ 22.00	\$ 44.00	\$	221.30
333		<b>Building 1 Third Floor</b>												
334		<b>Common Area</b>												
335		<b>HVAC Fixture</b>												
336		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	142.65
337		(5" Dia) Wall Cap	EA	1	0%	1	\$ 58.32	\$ 58.32	0.485	\$ 40.00	\$ 19.40	\$ 19.40	\$	77.72
338		Mini Split Wall Mounted "MSFC-1" Model: PKA-A18HA	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	1,466.32
339		Exhaust Fan "EF-5" W CRD Manuf: Janitor Model: Greenheck	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
340		<b>Duct</b>												
341		(5" Dia) Duct	LF	22	5%	23	\$ 2.27	\$ 52.49	0.192	\$ 40.00	\$ 7.68	\$ 177.41	\$	229.90
342		<b>Pipe</b>												
343		(3/4" Dia) Condensate Drain	LF	29	5%	30	\$ 10.38	\$ 316.07	0.160	\$ 40.00	\$ 6.40	\$ 194.88	\$	510.95
344		<b>Connection</b>												
345		(3/4" Dia) 90D Bend	EA	2	0%	2	\$ 75.66	\$ 151.32	0.360	\$ 40.00	\$ 14.40	\$ 28.80	\$	180.12
346		<b>Unit A1 ( 5 EA)</b>												
347		<b>HVAC Fixture</b>												
348		Thermostat	EA	5	0%	5	\$ 110.65	\$ 553.25	0.800	\$ 40.00	\$ 32.00	\$ 160.00	\$	713.25
349		Washable Filter	EA	5	0%	5	\$ 125.65	\$ 628.25	1.450	\$ 40.00	\$ 58.00	\$ 290.00	\$	918.25
350		Washer Vent Box Model: 425	EA	5	0%	5	\$ 98.25	\$ 491.25	1.090	\$ 40.00	\$ 43.60	\$ 218.00	\$	709.25
351		(4" Dia) Wall Cap	EA	15	0%	15	\$ 55.20	\$ 828.00	0.400	\$ 40.00	\$ 16.00	\$ 240.00	\$	1,068.00
352		(3/4" Dia) EZ-Trap Float Switches	EA	5	0%	5	\$ 55.20	\$ 276.00	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$	336.00
353		(10" Dia) Ceiling Radiation Damper	EA	5	0%	5	\$ 88.65	\$ 443.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	613.65
354		(14"x12") Ceiling Radiation Damper	EA	5	0%	5	\$ 102.00	\$ 510.00	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	680.40
355		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	426.60
356		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 220.32	\$ 1,101.60	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	1,272.00
357		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	15	0%	15	\$ 210.32	\$ 3,154.80	0.852	\$ 40.00	\$ 34.08	\$ 511.20	\$	3,666.00
358		(30"x10") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 320.78	\$ 1,603.90	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	1,688.90
359		Split System Unit " CU-2" Model: BA15NAO24	EA	5	0%	5	\$ 1,732.32	\$ 8,661.60	3.980	\$ 40.00	\$ 159.20	\$ 796.00	\$	9,457.60
360		Fan Coil Unit " FC-2" Manuf/ Model: First CO/26HXX	EA	5	0%	5	\$ 1,368.32	\$ 6,841.60	2.450	\$ 40.00	\$ 98.00	\$ 490.00	\$	7,331.60
361		Exhaust Fan "EF-1" Manuf: Panasonic Model: FV-0810V5S1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$	1,396.00
362		<b>Duct</b>												
363		<b>Round</b>												
364		(4" Dia) Duct	LF	295	5%	310	\$ 1.56	\$ 482.59	0.148	\$ 40.00	\$ 5.90	\$ 1,828.76	\$	2,311.35
365		(6" Dia) Duct	LF	175	5%	184	\$ 4.27	\$ 784.61	0.192	\$ 40.00	\$ 7.68	\$ 1,411.20	\$	2,195.81
366		(8" Dia) Duct	LF	15	5%	16	\$ 4.55	\$ 71.66	0.247	\$ 40.00	\$ 9.87	\$ 155.45	\$	227.12
367		(10" Dia) Duct	LF	375	5%	394	\$ 3.79	\$ 1,492.47	0.309	\$ 40.00	\$ 12.36	\$ 4,866.75	\$	6,359.22
368		<b>Rectangular</b>												
369		(14"x12") Duct	LF	105	5%	110	\$ 5.31	\$ 585.25	0.433	\$ 40.00	\$ 17.31	\$ 1,908.43	\$	2,493.68
370		<b>Pipe</b>												
371		(3/4" Dia) Condensate Drain	LF	70	5%	74	\$ 10.38	\$ 762.93	0.160	\$ 40.00	\$ 6.40	\$ 470.40	\$	1,233.33
372		<b>Connection</b>												
373		(6" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 75.35	\$ 376.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$	523.95



Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
444		(3/4" Dia) Condensate Drain	LF	70	5%	74	\$ 10.38	\$ 762.93	0.160	\$ 40.00	\$ 6.40	\$ 470.40	\$	1,233.33
445		<b>Connection</b>												
446		(6" to 4") Tee	EA	4	0%	4	\$ 42.10	\$ 168.40	0.500	\$ 40.00	\$ 20.00	\$ 80.00	\$	248.40
447		(6" To 5" to 4") Tee	EA	4	0%	4	\$ 42.10	\$ 168.40	0.500	\$ 40.00	\$ 20.00	\$ 80.00	\$	248.40
448		(4" Dia) 45D Elbow	EA	4	0%	4	\$ 50.35	\$ 201.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	319.16
449		(4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 67.35	\$ 269.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	387.16
450		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	419.16
451		(9" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 102.00	\$ 816.00	1.090	\$ 40.00	\$ 43.60	\$ 348.80	\$	1,164.80
452		(7" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 85.66	\$ 1,027.92	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$	1,381.20
453		(10" Dia) 90D Radius Elbow	EA	8	0%	8	\$ 93.62	\$ 748.96	0.895	\$ 40.00	\$ 35.80	\$ 286.40	\$	1,035.36
454		(3/4" Dia) 90d Radius Elbow	EA	4	0%	4	\$ 24.80	\$ 99.20	0.895	\$ 40.00	\$ 35.80	\$ 143.20	\$	242.40
455		(14"x14" To 10") Transition	EA	8	0%	8	\$ 85.60	\$ 684.80	1.090	\$ 40.00	\$ 43.60	\$ 348.80	\$	1,033.60
456		(14"x14" To 4") Transition	EA	4	0%	4	\$ 55.55	\$ 222.20	0.300	\$ 40.00	\$ 12.00	\$ 48.00	\$	270.20
457		(14"x14" To 7") Transition	EA	8	0%	8	\$ 45.80	\$ 366.40	0.350	\$ 40.00	\$ 14.00	\$ 112.00	\$	478.40
458		(14"x14" To 6") Transition	EA	4	0%	4	\$ 45.80	\$ 183.20	0.350	\$ 40.00	\$ 14.00	\$ 56.00	\$	239.20
459		<b>Unit C4</b>												
460		<b>HVAC Fixture</b>												
461		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	142.65
462		(4" Dia) Wall Cap	EA	3	0%	3	\$ 55.20	\$ 165.60	0.400	\$ 40.00	\$ 16.00	\$ 48.00	\$	213.60
463		Washable Filter	EA	1	0%	1	\$ 125.65	\$ 125.65	1.450	\$ 40.00	\$ 58.00	\$ 58.00	\$	183.65
464		(6" Dia) Wall Cap	EA	1	0%	1	\$ 62.33	\$ 62.33	0.452	\$ 40.00	\$ 18.08	\$ 18.08	\$	80.41
465		(3/4" Dia) EZ-Trap Float Switches	EA	1	0%	1	\$ 55.20	\$ 55.20	0.300	\$ 40.00	\$ 12.00	\$ 12.00	\$	67.20
466		(16"x14") Ceiling Radiation Damper	EA	1	0%	1	\$ 140.62	\$ 140.62	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	174.70
467		(10" Dia) Ceiling Radiation Damper	EA	1	0%	1	\$ 88.65	\$ 88.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	122.73
468		Washer Vent Box Model: 425	EA	1	0%	1	\$ 98.25	\$ 98.25	1.090	\$ 40.00	\$ 43.60	\$ 43.60	\$	141.85
469		Split System Unit " CU-3" Model: BA15NA036	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$	1,891.52
470		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 220.32	\$ 220.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	254.40
471		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
472		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	1,466.32
473		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$	170.64
474		(15"x15") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	1	0%	1	\$ 240.65	\$ 240.65	0.720	\$ 40.00	\$ 28.80	\$ 28.80	\$	269.45
475		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 210.32	\$ 841.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$	977.60
476		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
477		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 320.78	\$ 320.78	0.425	\$ 40.00	\$ 17.00	\$ 17.00	\$	337.78
478		<b>Duct</b>												
479		<b>Round</b>												
480		(6" Dia) Duct	LF	45	5%	47	\$ 4.27	\$ 201.76	0.192	\$ 40.00	\$ 7.68	\$ 362.88	\$	564.64
481		(4" Dia) Duct	LF	86	5%	90	\$ 1.56	\$ 140.69	0.148	\$ 40.00	\$ 5.90	\$ 533.13	\$	673.82
482		(7" Dia) Duct	LF	17	5%	18	\$ 3.45	\$ 61.58	0.247	\$ 40.00	\$ 9.87	\$ 176.18	\$	237.76
483		(5" Dia) Duct	LF	22	5%	23	\$ 2.27	\$ 52.49	0.192	\$ 40.00	\$ 7.68	\$ 177.41	\$	229.90
484		(10" Dia) Duct	LF	125	5%	131	\$ 3.79	\$ 497.49	0.309	\$ 40.00	\$ 12.36	\$ 1,622.25	\$	2,119.74
485		<b>Rectangular</b>												
486		(16"x14") Duct	LF	22	5%	23	\$ 8.35	\$ 192.89	0.433	\$ 40.00	\$ 17.31	\$ 399.86	\$	592.75
487		<b>Pipe</b>												
488		(3/4" Dia) Condensate Drain	LF	14	5%	15	\$ 10.38	\$ 152.59	0.160	\$ 40.00	\$ 6.40	\$ 94.08	\$	246.67
489		<b>Connection</b>												
490		(6" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 75.35	\$ 150.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	209.58
491		(7" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 85.66	\$ 171.32	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	230.20
492		(4" Dia) 90D Radius Elbow	EA	1	0%	1	\$ 67.35	\$ 67.35	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$	96.79
493		(5" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 60.15	\$ 120.30	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	179.18
494		(10" Dia) 90D Radius Elbow	EA	6	0%	6	\$ 93.62	\$ 561.72	0.895	\$ 40.00	\$ 35.80	\$ 214.80	\$	776.52
495		(16"x14" To 10") Transition	EA	3	0%	3	\$ 120.18	\$ 360.54	0.800	\$ 40.00	\$ 32.00	\$ 96.00	\$	456.54
496		(16"x14" To 5") Transition	EA	2	0%	2	\$ 65.80	\$ 131.60	0.280	\$ 40.00	\$ 11.20	\$ 22.40	\$	154.00
497		(16"x14" To 7") Transition	EA	2	0%	2	\$ 88.65	\$ 177.30	0.550	\$ 40.00	\$ 22.00	\$ 44.00	\$	221.30
498		<b>Roof</b>												
499		4x4 Redwood Sleepers on 6" Wide Slip Sheets	EA	1	0%	1	\$ 150.55	\$ 150.55	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	198.55
500		Mini Split Heat Pump Wall Mounted "MSCU-1" Model: PUZ-A18NHA	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$	5,674.56
501		<b>Building 2 First Floor</b>												
502		<b>Common Area</b>												
503		<b>HVAC Fixture</b>												
504		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	142.65
505		(5" Dia) Wall Cap	EA	1	0%	1	\$ 58.32	\$ 58.32	0.485	\$ 40.00	\$ 19.40	\$ 19.40	\$	77.72
506		Mini Split Wall Mounted "MSFC-1" Model: PKA-A18HA	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	1,466.32
507		Exhaust Fan "EF-5" W CRD Manuf: Janitor Model: Greenheck	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
508		<b>Duct</b>												
509		(5" Dia) Duct	LF	24	5%	25	\$ 2.27	\$ 57.26	0.192	\$ 40.00	\$ 7.68	\$ 193.54	\$	250.80
510		<b>Pipe</b>												
511		(3/4" Dia) Condensate Drain	LF	19	5%	20	\$ 10.38	\$ 207.08	0.160	\$ 40.00	\$ 6.40	\$ 127.68	\$	334.76
512		<b>Connection</b>												
513		(5" Dia) 90D Bend	EA	1	0%	1	\$ 75.66	\$ 75.66	0.360	\$ 40.00	\$ 14.40	\$ 14.40	\$	90.06
514		(3/4" Dia) 90D Bend	EA	2	0%	2	\$ 75.66	\$ 151.32	0.360	\$ 40.00	\$ 14.40	\$ 28.80	\$	180.12
515		<b>Unit C2 ( 5 EA)</b>												
516		<b>HVAC Fixture</b>												
517		Thermostat	EA	5	0%	5	\$ 110.65	\$ 553.25	0.800	\$ 40.00	\$ 32.00	\$ 160.00	\$	713.25
518		(4" Dia) Wall Cap	EA	5	0%	5	\$ 55.20	\$ 276.00	0.400	\$ 40.00	\$ 16.00	\$ 80.00	\$	356.00
519		(6" Dia) Wall Cap	EA	10	0%	10	\$ 62.33	\$ 623.32	0.452	\$ 40.00	\$ 18.08	\$ 180.80	\$	804.12
520		Washable Filter	EA	5	0%	5	\$ 125.65	\$ 628.25	1.450	\$ 40.00	\$ 58.00	\$ 290.00	\$	918.25
521		(3/4" Dia) EZ-Trap Float Switches	EA	5	0%	5	\$ 55.20	\$ 276.00	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$	336.00
522		(14"x14") Ceiling Radiation Damper	EA	5	0%	5	\$ 106.85	\$ 534.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	704.65
523		(10" Dia) Ceiling Radiation Damper	EA	5	0%	5	\$ 88.65	\$ 443.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	613.65
524		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 220.32	\$ 1,101.60	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	1,272.00
525		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	20	0%	20	\$ 210.32	\$ 4,206.40	0.852	\$ 40.00	\$ 34.08	\$ 681.60	\$	4,888.00

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
526		Washer Vent Box Model: 425	EA	5	0%	5	\$ 98.25	\$ 491.25	1.090	\$ 40.00	\$ 43.60	\$ 218.00	\$ 709.25	
527		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 426.60	
528		Split System Unit " CU-3" Model: BA15NA036	EA	5	0%	5	\$ 1,732.32	\$ 8,661.60	3.980	\$ 40.00	\$ 159.20	\$ 796.00	\$ 9,457.60	
529		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$ 1,396.00	
530		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	5	0%	5	\$ 1,368.32	\$ 6,841.60	2.450	\$ 40.00	\$ 98.00	\$ 490.00	\$ 7,331.60	
531		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 320.78	\$ 1,603.90	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 1,688.90	
532		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$ 1,396.00	
533		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 426.60	
534		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 426.60	
535		(18"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 280.65	\$ 1,403.25	0.720	\$ 40.00	\$ 28.80	\$ 144.00	\$ 1,547.25	
536		<b>Duct</b>												
537		<b>Round</b>												
538		(6" Dia) Duct	LF	160	5%	168	\$ 4.27	\$ 717.36	0.192	\$ 40.00	\$ 7.68	\$ 1,290.24	\$ 2,007.60	
539		(4" Dia) Duct	LF	350	5%	368	\$ 1.56	\$ 572.57	0.148	\$ 40.00	\$ 5.90	\$ 2,169.72	\$ 2,742.29	
540		(10" Dia) Duct	LF	170	5%	179	\$ 3.79	\$ 676.59	0.309	\$ 40.00	\$ 12.36	\$ 2,206.26	\$ 2,882.85	
541		(7" Dia) Duct	LF	150	5%	158	\$ 3.45	\$ 543.38	0.247	\$ 40.00	\$ 9.87	\$ 1,554.53	\$ 2,097.90	
542		(9" Dia) Duct	LF	115	5%	121	\$ 4.79	\$ 578.39	0.309	\$ 40.00	\$ 12.36	\$ 1,492.47	\$ 2,070.86	
543		(5" Dia) Duct	LF	20	5%	21	\$ 2.27	\$ 47.72	0.192	\$ 40.00	\$ 7.68	\$ 161.28	\$ 209.00	
544		<b>Rectangular</b>												
545		(14"x14") Duct	LF	40	5%	42	\$ 7.35	\$ 308.70	0.433	\$ 40.00	\$ 17.31	\$ 727.02	\$ 1,035.72	
546		<b>Pipe</b>												
547		(3/4" Dia) Condensate Drain	LF	75	5%	79	\$ 10.38	\$ 817.43	0.160	\$ 40.00	\$ 6.40	\$ 504.00	\$ 1,321.43	
548		<b>Connection</b>												
549		(6" to 4" ) Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$ 310.50	
550		(6" To 5" to 4") Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$ 310.50	
551		(4" Dia) 45D Elbow	EA	5	0%	5	\$ 50.35	\$ 251.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$ 398.95	
552		(4" Dia) 90D Radius Elbow	EA	20	0%	20	\$ 67.35	\$ 1,347.00	0.736	\$ 40.00	\$ 29.44	\$ 588.80	\$ 1,935.80	
553		(6" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 75.35	\$ 376.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$ 523.95	
554		(9" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 102.00	\$ 1,020.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$ 1,456.00	
555		(7" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 85.66	\$ 1,284.90	0.736	\$ 40.00	\$ 29.44	\$ 441.60	\$ 1,726.50	
556		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00	\$ 1,294.20	
557		(3/4" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 24.80	\$ 124.00	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$ 303.00	
558		(14"x14" To 10") Transition	EA	10	0%	10	\$ 85.60	\$ 856.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$ 1,292.00	
559		(14"x14" To 4") Transition	EA	5	0%	5	\$ 55.55	\$ 277.75	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$ 337.75	
560		(14"x14" To 7") Transition	EA	10	0%	10	\$ 45.80	\$ 458.00	0.350	\$ 40.00	\$ 14.00	\$ 140.00	\$ 598.00	
561		(14"x14" To 6") Transition	EA	5	0%	5	\$ 45.80	\$ 229.00	0.350	\$ 40.00	\$ 14.00	\$ 70.00	\$ 299.00	
562		<b>Unit C4 ( 2 EA)</b>												
563		<b>HVAC Fixture</b>												
564		Thermostat	EA	2	0%	2	\$ 110.65	\$ 221.30	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$ 285.30	
565		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$ 427.20	
566		Washable Filter	EA	2	0%	2	\$ 125.65	\$ 251.30	1.450	\$ 40.00	\$ 58.00	\$ 116.00	\$ 367.30	
567		(6" Dia) Wall Cap	EA	2	0%	2	\$ 62.33	\$ 124.66	0.452	\$ 40.00	\$ 18.08	\$ 36.16	\$ 160.82	
568		(3/4" Dia) EZ-Trap Float Switches	EA	2	0%	2	\$ 55.20	\$ 110.40	0.300	\$ 40.00	\$ 12.00	\$ 24.00	\$ 134.40	
569		(16"x14") Ceiling Radiation Damper	EA	2	0%	2	\$ 140.62	\$ 281.24	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 349.40	
570		(10" Dia) Ceiling Radiation Damper	EA	2	0%	2	\$ 88.65	\$ 177.30	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 245.46	
571		Washer Vent Box Model: 425	EA	2	0%	2	\$ 98.25	\$ 196.50	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$ 283.70	
572		Split System Unit " CU-3" Model: BA15NA036	EA	2	0%	2	\$ 1,732.32	\$ 3,464.64	3.980	\$ 40.00	\$ 159.20	\$ 318.40	\$ 3,783.04	
573		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 220.32	\$ 440.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 508.80	
574		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
575		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	2	0%	2	\$ 1,368.32	\$ 2,736.64	2.450	\$ 40.00	\$ 98.00	\$ 196.00	\$ 2,932.64	
576		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$ 341.28	
577		(15"x15") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 240.65	\$ 481.30	0.720	\$ 40.00	\$ 28.80	\$ 57.60	\$ 538.90	
578		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	8	0%	8	\$ 210.32	\$ 1,682.56	0.852	\$ 40.00	\$ 34.08	\$ 272.64	\$ 1,955.20	
579		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
580		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 320.78	\$ 641.56	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 675.56	
581		<b>Duct</b>												
582		<b>Round</b>												
583		(6" Dia) Duct	LF	90	5%	95	\$ 4.27	\$ 403.52	0.192	\$ 40.00	\$ 7.68	\$ 725.76	\$ 1,129.28	
584		(4" Dia) Duct	LF	172	5%	181	\$ 1.56	\$ 281.37	0.148	\$ 40.00	\$ 5.90	\$ 1,066.26	\$ 1,347.64	
585		(7" Dia) Duct	LF	34	5%	36	\$ 3.45	\$ 123.17	0.247	\$ 40.00	\$ 9.87	\$ 352.36	\$ 475.52	
586		(5" Dia) Duct	LF	44	5%	46	\$ 2.27	\$ 104.98	0.192	\$ 40.00	\$ 7.68	\$ 354.82	\$ 459.80	
587		(10" Dia) Duct	LF	250	5%	263	\$ 3.79	\$ 994.98	0.309	\$ 40.00	\$ 12.36	\$ 3,244.50	\$ 4,239.48	
588		<b>Rectangular</b>												
589		(16"x14") Duct	LF	44	5%	46	\$ 8.35	\$ 385.77	0.433	\$ 40.00	\$ 17.31	\$ 799.72	\$ 1,185.49	
590		<b>Pipe</b>												
591		(3/4" Dia) Condensate Drain	LF	28	5%	29	\$ 10.38	\$ 305.17	0.160	\$ 40.00	\$ 6.40	\$ 188.16	\$ 493.33	
592		<b>Connection</b>												
593		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 419.16	
594		(7" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 85.66	\$ 342.64	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 460.40	
595		(4" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 67.35	\$ 134.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$ 193.58	
596		(5" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 60.15	\$ 240.60	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 358.36	
597		(10" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 93.62	\$ 1,123.44	0.895	\$ 40.00	\$ 35.80	\$ 429.60	\$ 1,553.04	
598		(16"x14" To 10") Transition	EA	6	0%	6	\$ 120.18	\$ 721.08	0.800	\$ 40.00	\$ 32.00	\$ 192.00	\$ 913.08	
599		(16"x14" To 5") Transition	EA	4	0%	4	\$ 65.80	\$ 263.20	0.280	\$ 40.00	\$ 11.20	\$ 44.80	\$ 308.00	

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
600		(16"x14" To 7") Transition	EA	4	0%	4	\$ 88.65	\$ 354.60	0.550	\$ 40.00	\$ 22.00	\$ 88.00	\$	\$ 442.60
601		Unit S1 ( 3 EA)												
602		<b>HVAC Fixture</b>												
603		Thermostat	EA	3	0%	3	\$ 110.65	\$ 331.95	0.800	\$ 40.00	\$ 32.00	\$ 96.00	\$	\$ 427.95
604		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$	\$ 427.20
605		(10" Dia) Wall Cap	EA	3	0%	3	\$ 69.32	\$ 207.96	0.485	\$ 40.00	\$ 19.40	\$ 58.20	\$	\$ 266.16
606		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$	\$ 241.24
607		(3/4" Dia) EZ-Trap Float Switches	EA	3	0%	3	\$ 55.20	\$ 165.60	0.300	\$ 40.00	\$ 12.00	\$ 36.00	\$	\$ 201.60
608		(10" Dia) Ceiling Radiation Damper	EA	3	0%	3	\$ 88.65	\$ 265.95	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	\$ 368.19
609		Washer Vent Box Model: 425	EA	3	0%	3	\$ 98.25	\$ 294.75	1.090	\$ 40.00	\$ 43.60	\$ 130.80	\$	\$ 425.55
610		Split System Unit " CU-2" Model: BA15NAO18	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$	\$ 5,674.56
611		(10"x6") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	6	0%	6	\$ 194.31	\$ 1,165.86	1.200	\$ 40.00	\$ 48.00	\$ 288.00	\$	\$ 1,453.86
612		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 320.78	\$ 962.34	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$	\$ 1,013.34
613		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$	\$ 255.96
614		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	3	0%	3	\$ 210.32	\$ 630.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	\$ 733.20
615		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$	\$ 255.96
616		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 220.32	\$ 660.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	\$ 763.20
617		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	3	0%	3	\$ 231.20	\$ 693.60	1.200	\$ 40.00	\$ 48.00	\$ 144.00	\$	\$ 837.60
618		Fan Coil Unit " FC-1" Manuf/ Model: First CO/20HXX	EA	3	0%	3	\$ 1,368.32	\$ 4,104.96	2.450	\$ 40.00	\$ 98.00	\$ 294.00	\$	\$ 4,398.96
619		<b>Duct</b>												
620		<b>Round</b>												
621		(6" Dia) Duct	LF	78	5%	82	\$ 4.27	\$ 349.71	0.192	\$ 40.00	\$ 7.68	\$ 628.99	\$	\$ 978.71
622		(7" Dia) Duct	LF	30	5%	32	\$ 3.45	\$ 108.68	0.247	\$ 40.00	\$ 9.87	\$ 310.91	\$	\$ 419.58
623		(4" Dia) Duct	LF	57	5%	60	\$ 1.56	\$ 93.25	0.148	\$ 40.00	\$ 5.90	\$ 353.35	\$	\$ 446.60
624		(10" Dia) Duct	LF	135	5%	142	\$ 3.79	\$ 537.29	0.309	\$ 40.00	\$ 12.36	\$ 1,752.03	\$	\$ 2,289.32
625		<b>Pipe</b>												
626		(3/4" Dia) Condensate Drain	LF	51	5%	54	\$ 10.38	\$ 555.85	0.160	\$ 40.00	\$ 6.40	\$ 342.72	\$	\$ 898.57
627		<b>Connection</b>												
628		(4" to 10") Tee	EA	3	0%	3	\$ 35.65	\$ 106.95	0.450	\$ 40.00	\$ 18.00	\$ 54.00	\$	\$ 160.95
629		(7" Dia) 45D Elbow	EA	12	0%	12	\$ 80.25	\$ 963.00	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$	\$ 1,316.28
630		(4" Dia) 45D Elbow	EA	9	0%	9	\$ 50.35	\$ 453.15	0.736	\$ 40.00	\$ 29.44	\$ 264.96	\$	\$ 718.11
631		(4" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 67.35	\$ 808.20	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$	\$ 1,161.48
632		(6" Dia) 90D Radius Elbow	EA	6	0%	6	\$ 75.35	\$ 452.10	0.736	\$ 40.00	\$ 29.44	\$ 176.64	\$	\$ 628.74
633		(10" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 93.62	\$ 1,404.30	0.895	\$ 40.00	\$ 35.80	\$ 537.00	\$	\$ 1,941.30
634		Unit A2 ( 7 EA)												
635		<b>HVAC Fixture</b>												
636		Thermostat	EA	7	0%	7	\$ 110.65	\$ 774.55	0.800	\$ 40.00	\$ 32.00	\$ 224.00	\$	\$ 998.55
637		Washable Filter	EA	7	0%	7	\$ 125.65	\$ 879.55	1.450	\$ 40.00	\$ 58.00	\$ 406.00	\$	\$ 1,285.55
638		(10" Dia) Wall Cap	EA	7	0%	7	\$ 69.32	\$ 485.24	0.485	\$ 40.00	\$ 19.40	\$ 135.80	\$	\$ 621.04
639		(4" Dia) Wall Cap	EA	7	0%	7	\$ 55.20	\$ 386.40	0.400	\$ 40.00	\$ 16.00	\$ 112.00	\$	\$ 498.40
640		(6" Dia) Wall Cap	EA	7	0%	7	\$ 62.33	\$ 436.32	0.452	\$ 40.00	\$ 18.08	\$ 126.56	\$	\$ 562.88
641		Washer Vent Box Model : 405	EA	7	0%	7	\$ 98.25	\$ 687.75	1.090	\$ 40.00	\$ 43.60	\$ 305.20	\$	\$ 992.95
642		(10" Dia) Ceiling Radiation Damper	EA	7	0%	7	\$ 88.65	\$ 620.55	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$	\$ 859.11
643		(14"x12") Ceiling Radiation Damper	EA	7	0%	7	\$ 102.00	\$ 714.00	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$	\$ 952.56
644		Split System Unit " CU-2" Model: BA15NAO24	EA	7	0%	7	\$ 1,732.32	\$ 12,126.24	3.980	\$ 40.00	\$ 159.20	\$ 1,114.40	\$	\$ 13,240.64
645		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 220.32	\$ 1,542.24	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$	\$ 1,780.80
646		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	21	0%	21	\$ 210.32	\$ 4,416.72	0.852	\$ 40.00	\$ 34.08	\$ 715.68	\$	\$ 5,132.40
647		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 320.78	\$ 2,245.46	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$	\$ 2,364.46
648		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	7	0%	7	\$ 231.20	\$ 1,618.40	1.200	\$ 40.00	\$ 48.00	\$ 336.00	\$	\$ 1,954.40
649		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	7	0%	7	\$ 68.32	\$ 478.24	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$	\$ 597.24
650		Fan Coil Unit " FC-2" Manuf/ Model: First CO/26HXX	EA	7	0%	7	\$ 1,368.32	\$ 9,578.24	2.450	\$ 40.00	\$ 98.00	\$ 686.00	\$	\$ 10,264.24
651		<b>Duct</b>												
652		<b>Round</b>												
653		(4" Dia) Duct	LF	196	5%	206	\$ 1.56	\$ 320.64	0.148	\$ 40.00	\$ 5.90	\$ 1,215.04	\$	\$ 1,535.68
654		(6" Dia) Duct	LF	357	5%	375	\$ 4.27	\$ 1,600.61	0.192	\$ 40.00	\$ 7.68	\$ 2,878.85	\$	\$ 4,479.46
655		(8" Dia) Duct	LF	35	5%	37	\$ 4.55	\$ 167.21	0.247	\$ 40.00	\$ 9.87	\$ 362.72	\$	\$ 529.94
656		(10" Dia) Duct	LF	798	5%	838	\$ 3.79	\$ 3,175.98	0.309	\$ 40.00	\$ 12.36	\$ 10,356.44	\$	\$ 13,532.42
657		<b>Rectangular</b>												
658		(14"x12") Duct	LF	161	5%	169	\$ 5.31	\$ 897.39	0.433	\$ 40.00	\$ 17.31	\$ 2,926.26	\$	\$ 3,823.64
659		<b>Pipe</b>												
660		(3/4" Dia) Condensate Drain	LF	98	5%	103	\$ 10.38	\$ 1,068.10	0.160	\$ 40.00	\$ 6.40	\$ 658.56	\$	\$ 1,726.66
661		<b>Connection</b>												
662		(4" Dia) 45D Elbow	EA	7	0%	7	\$ 50.35	\$ 352.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$	\$ 558.53
663		(10" Dia) 45D Elbow	EA	7	0%	7	\$ 45.62	\$ 319.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$	\$ 569.94
664		(6" Dia) 90D Radius Elbow	EA	35	0%	35	\$ 75.35	\$ 2,637.25	0.736	\$ 40.00	\$ 29.44	\$ 1,030.40	\$	\$ 3,667.65
665		(10" Dia) 90D Radius Elbow	EA	28	0%	28	\$ 93.62	\$ 2,621.36	0.895	\$ 40.00	\$ 35.80	\$ 1,002.40	\$	\$ 3,623.76
666		(4" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 67.35	\$ 471.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$	\$ 677.53
667		(8" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 93.62	\$ 655.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$	\$ 905.94
668		(14"x12" To 8") Transition	EA	7	0%	7	\$ 106.08	\$ 742.56	0.550	\$ 40.00	\$ 22.00	\$ 154.00	\$	\$ 896.56
669		(14"x12" To 10") Transition	EA	7	0%	7	\$ 102.00	\$ 714.00	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$	\$ 882.00
670		(14"x12" To 4") Transition	EA	7	0%	7	\$ 98.15	\$ 687.05	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$	\$ 855.05
671		Unit C3												
672		<b>HVAC Fixture</b>												
673		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	\$ 142.65
674		Washable Filter	EA	1	0%	1	\$ 125.65	\$ 125.65	1.450	\$ 40.00	\$ 58.00	\$ 58.00	\$	\$ 183.65
675		(4" Dia) Wall Cap	EA	1	0%	1	\$ 55.20	\$ 55.20	0.400	\$ 40.00	\$ 16.00	\$ 16.00	\$	\$ 71.20
676		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$	\$ 241.24
677		(10" Dia) Ceiling Radiation Damper	EA	1	0%	1	\$ 88.65	\$ 88.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	\$ 122.73

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
678		(16"x14") Ceiling Radiation Damper	EA	1	0%	1	\$ 140.62	\$ 140.62	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	\$ 174.70
679		Washer Vent Box Model: 425	EA	1	0%	1	\$ 98.25	\$ 98.25	1.090	\$ 40.00	\$ 43.60	\$ 43.60	\$	\$ 141.85
680		Split System Unit " CU-3" Model: BA15NA036	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$	\$ 1,891.52
681		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	\$ 279.20
682		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$	\$ 558.40
683		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	\$ 426.60
684		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 210.32	\$ 841.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$	\$ 977.60
685		(14"x14") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 172.32	\$ 172.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	\$ 206.40
686		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	\$ 1,466.32
687		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 320.78	\$ 320.78	0.425	\$ 40.00	\$ 17.00	\$ 17.00	\$	\$ 337.78
688		<b>Duct</b>												
689		<b>Round</b>												
690		(6" Dia) Duct	LF	74	5%	78	\$ 4.27	\$ 331.78	0.192	\$ 40.00	\$ 7.68	\$ 596.74	\$	\$ 928.52
691		(5" Dia) Duct	LF	23	5%	24	\$ 2.27	\$ 54.88	0.192	\$ 40.00	\$ 7.68	\$ 185.47	\$	\$ 240.35
692		(4" Dia) Duct	LF	100	5%	105	\$ 1.56	\$ 163.59	0.148	\$ 40.00	\$ 5.90	\$ 619.92	\$	\$ 783.51
693		(10" Dia) Duct	LF	76	5%	80	\$ 3.79	\$ 302.47	0.309	\$ 40.00	\$ 12.36	\$ 986.33	\$	\$ 1,288.80
694		(9" Dia) Duct	LF	17	5%	18	\$ 4.79	\$ 85.50	0.309	\$ 40.00	\$ 12.36	\$ 220.63	\$	\$ 306.13
695		<b>Rectangular</b>												
696		(16"x14") Duct	LF	27	5%	28	\$ 8.35	\$ 236.72	0.433	\$ 40.00	\$ 17.31	\$ 490.74	\$	\$ 727.46
697		<b>Pipe</b>												
698		(3/4" Dia) Condensate Drain	LF	14	5%	15	\$ 10.38	\$ 152.59	0.160	\$ 40.00	\$ 6.40	\$ 94.08	\$	\$ 246.67
699		<b>Connection</b>												
700		(6" To 5") Tee	EA	1	0%	1	\$ 42.10	\$ 42.10	0.500	\$ 40.00	\$ 20.00	\$ 20.00	\$	\$ 62.10
701		(6" To 4") Tee	EA	1	0%	1	\$ 42.10	\$ 42.10	0.500	\$ 40.00	\$ 20.00	\$ 20.00	\$	\$ 62.10
702		(5" to 9") Tee	EA	1	0%	1	\$ 20.22	\$ 20.22	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$	\$ 38.22
703		(10" to 4") Tee	EA	1	0%	1	\$ 35.65	\$ 35.65	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$	\$ 53.65
704		(6" To 10") Tee	EA	1	0%	1	\$ 15.25	\$ 15.25	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$	\$ 33.25
705		(4" Dia) 45D Elbow	EA	3	0%	3	\$ 50.35	\$ 151.05	0.736	\$ 40.00	\$ 29.44	\$ 88.32	\$	\$ 239.37
706		(5" Dia) 45D Elbow	EA	1	0%	1	\$ 55.50	\$ 55.50	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$	\$ 84.94
707		(6" Dia) 45D Elbow	EA	1	0%	1	\$ 67.35	\$ 67.35	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$	\$ 96.79
708		(6" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 75.35	\$ 150.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	\$ 209.58
709		(4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 67.35	\$ 269.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	\$ 387.16
710		(5" Dia) 90D Radius Elbow	EA	3	0%	3	\$ 60.15	\$ 180.45	0.736	\$ 40.00	\$ 29.44	\$ 88.32	\$	\$ 268.77
711		(10" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 93.62	\$ 468.10	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$	\$ 647.10
712		(9" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 102.00	\$ 204.00	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$	\$ 291.20
713		(16"x14" To 10") Transition	EA	2	0%	2	\$ 120.18	\$ 240.36	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$	\$ 304.36
714		(16"x14" To 9") Transition	EA	2	0%	2	\$ 125.28	\$ 250.56	0.650	\$ 40.00	\$ 26.00	\$ 52.00	\$	\$ 302.56
715		(16"x14" To 4") Transition	EA	1	0%	1	\$ 114.66	\$ 114.66	0.555	\$ 40.00	\$ 22.20	\$ 22.20	\$	\$ 136.86
716		<b>Building 2 Second Floor</b>												
717		<b>Common Area</b>												
718		<b>HVAC Fixture</b>												
719		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	\$ 142.65
720		(5" Dia) Wall Cap	EA	1	0%	1	\$ 58.32	\$ 58.32	0.485	\$ 40.00	\$ 19.40	\$ 19.40	\$	\$ 77.72
721		Mini Split Wall Mounted "MSFC-1" Model: PKA-A18HA	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	\$ 1,466.32
722		Exhaust Fan "EF-5" W CRD Manuf: Janitor Model: Greenheck	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	\$ 279.20
723		<b>Duct</b>												
724		(5" Dia) Duct	LF	24	5%	25	\$ 2.27	\$ 57.26	0.192	\$ 40.00	\$ 7.68	\$ 193.54	\$	\$ 250.80
725		<b>Pipe</b>												
726		(3/4" Dia) Condensate Drain	LF	19	5%	20	\$ 10.38	\$ 207.08	0.160	\$ 40.00	\$ 6.40	\$ 127.68	\$	\$ 334.76
727		<b>Connection</b>												
728		(5" Dia) 90D Bend	EA	1	0%	1	\$ 75.66	\$ 75.66	0.360	\$ 40.00	\$ 14.40	\$ 14.40	\$	\$ 90.06
729		(3/4" Dia) 90D Bend	EA	2	0%	2	\$ 75.66	\$ 151.32	0.360	\$ 40.00	\$ 14.40	\$ 28.80	\$	\$ 180.12
730		<b>Unit C2 ( 5 EA)</b>												
731		<b>HVAC Fixture</b>												
732		Thermostat	EA	5	0%	5	\$ 110.65	\$ 553.25	0.800	\$ 40.00	\$ 32.00	\$ 160.00	\$	\$ 713.25
733		(4" Dia) Wall Cap	EA	5	0%	5	\$ 55.20	\$ 276.00	0.400	\$ 40.00	\$ 16.00	\$ 80.00	\$	\$ 356.00
734		(6" Dia) Wall Cap	EA	10	0%	10	\$ 62.33	\$ 623.32	0.452	\$ 40.00	\$ 18.08	\$ 180.80	\$	\$ 804.12
735		Washable Filter	EA	5	0%	5	\$ 125.65	\$ 628.25	1.450	\$ 40.00	\$ 58.00	\$ 290.00	\$	\$ 918.25
736		(3/4" Dia) EZ-Trap Float Switches	EA	5	0%	5	\$ 55.20	\$ 276.00	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$	\$ 336.00
737		(14"x14") Ceiling Radiation Damper	EA	5	0%	5	\$ 106.85	\$ 534.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	\$ 704.65
738		(10" Dia) Ceiling Radiation Damper	EA	5	0%	5	\$ 88.65	\$ 443.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	\$ 613.65
739		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 220.32	\$ 1,101.60	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	\$ 1,272.00
740		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	20	0%	20	\$ 210.32	\$ 4,206.40	0.852	\$ 40.00	\$ 34.08	\$ 681.60	\$	\$ 4,888.00
741		Washer Vent Box Model: 425	EA	5	0%	5	\$ 98.25	\$ 491.25	1.090	\$ 40.00	\$ 43.60	\$ 218.00	\$	\$ 709.25
742		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	\$ 426.60
743		Split System Unit " CU-3" Model: BA15NA036	EA	5	0%	5	\$ 1,732.32	\$ 8,661.60	3.980	\$ 40.00	\$ 159.20	\$ 796.00	\$	\$ 9,457.60
744		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$	\$ 1,396.00
745		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	5	0%	5	\$ 1,368.32	\$ 6,841.60	2.450	\$ 40.00	\$ 98.00	\$ 490.00	\$	\$ 7,331.60
746		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 320.78	\$ 1,603.90	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	\$ 1,688.90
747		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$	\$ 1,396.00
748		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	\$ 426.60

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
749		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 426.60	
750		(18"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 280.65	\$ 1,403.25	0.720	\$ 40.00	\$ 28.80	\$ 144.00	\$ 1,547.25	
751		<b>Duct</b>												
752		<b>Round</b>												
753		(6" Dia) Duct	LF	160	5%	168	\$ 4.27	\$ 717.36	0.192	\$ 40.00	\$ 7.68	\$ 1,290.24	\$ 2,007.60	
754		(4" Dia) Duct	LF	350	5%	368	\$ 1.56	\$ 572.57	0.148	\$ 40.00	\$ 5.90	\$ 2,169.72	\$ 2,742.29	
755		(10" Dia) Duct	LF	170	5%	179	\$ 3.79	\$ 676.59	0.309	\$ 40.00	\$ 12.36	\$ 2,206.26	\$ 2,882.85	
756		(7" Dia) Duct	LF	150	5%	158	\$ 3.45	\$ 543.38	0.247	\$ 40.00	\$ 9.87	\$ 1,554.53	\$ 2,097.90	
757		(9" Dia) Duct	LF	115	5%	121	\$ 4.79	\$ 578.39	0.309	\$ 40.00	\$ 12.36	\$ 1,492.47	\$ 2,070.86	
758		(5" Dia) Duct	LF	20	5%	21	\$ 2.27	\$ 47.72	0.192	\$ 40.00	\$ 7.68	\$ 161.28	\$ 209.00	
759		<b>Rectangular</b>												
760		(14"x14") Duct	LF	40	5%	42	\$ 7.35	\$ 308.70	0.433	\$ 40.00	\$ 17.31	\$ 727.02	\$ 1,035.72	
761		<b>Pipe</b>												
762		(3/4" Dia) Condensate Drain	LF	75	5%	79	\$ 10.38	\$ 817.43	0.160	\$ 40.00	\$ 6.40	\$ 504.00	\$ 1,321.43	
763		<b>Connection</b>												
764		(6" to 4" ) Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$ 310.50	
765		(6" To 5" to 4") Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$ 310.50	
766		(4" Dia) 45D Elbow	EA	5	0%	5	\$ 50.35	\$ 251.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$ 398.95	
767		(4" Dia) 90D Radius Elbow	EA	20	0%	20	\$ 67.35	\$ 1,347.00	0.736	\$ 40.00	\$ 29.44	\$ 588.80	\$ 1,935.80	
768		(6" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 75.35	\$ 376.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$ 523.95	
769		(9" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 102.00	\$ 1,020.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$ 1,456.00	
770		(7" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 85.66	\$ 1,284.90	0.736	\$ 40.00	\$ 29.44	\$ 441.60	\$ 1,726.50	
771		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00	\$ 1,294.20	
772		(3/4" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 24.80	\$ 124.00	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$ 303.00	
773		(14"x14" To 10") Transition	EA	10	0%	10	\$ 85.60	\$ 856.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$ 1,292.00	
774		(14"x14" To 4") Transition	EA	5	0%	5	\$ 55.55	\$ 277.75	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$ 337.75	
775		(14"x14" To 7") Transition	EA	10	0%	10	\$ 45.80	\$ 458.00	0.350	\$ 40.00	\$ 14.00	\$ 140.00	\$ 598.00	
776		(14"x14" To 6") Transition	EA	5	0%	5	\$ 45.80	\$ 229.00	0.350	\$ 40.00	\$ 14.00	\$ 70.00	\$ 299.00	
777		<b>Unit C4 ( 2 EA)</b>												
778		<b>HVAC Fixture</b>												
779		Thermostat	EA	2	0%	2	\$ 110.65	\$ 221.30	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$ 285.30	
780		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$ 427.20	
781		Washable Filter	EA	2	0%	2	\$ 125.65	\$ 251.30	1.450	\$ 40.00	\$ 58.00	\$ 116.00	\$ 367.30	
782		(6" Dia) Wall Cap	EA	2	0%	2	\$ 62.33	\$ 124.66	0.452	\$ 40.00	\$ 18.08	\$ 36.16	\$ 160.82	
783		(3/4" Dia) EZ-Trap Float Switches	EA	2	0%	2	\$ 55.20	\$ 110.40	0.300	\$ 40.00	\$ 12.00	\$ 24.00	\$ 134.40	
784		(16"x14") Ceiling Radiation Damper	EA	2	0%	2	\$ 140.62	\$ 281.24	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 349.40	
785		(10" Dia) Ceiling Radiation Damper	EA	2	0%	2	\$ 88.65	\$ 177.30	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 245.46	
786		Washer Vent Box Model: 425	EA	2	0%	2	\$ 98.25	\$ 196.50	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$ 283.70	
787		Split System Unit " CU-3" Model: BA15NA036	EA	2	0%	2	\$ 1,732.32	\$ 3,464.64	3.980	\$ 40.00	\$ 159.20	\$ 318.40	\$ 3,783.04	
788		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 220.32	\$ 440.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 508.80	
789		Exhaust Fan " EF-1A" Manuf: Panasonic MODEL: FV-0510VS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
790		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	2	0%	2	\$ 1,368.32	\$ 2,736.64	2.450	\$ 40.00	\$ 98.00	\$ 196.00	\$ 2,932.64	
791		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$ 341.28	
792		(15"x15") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 240.65	\$ 481.30	0.720	\$ 40.00	\$ 28.80	\$ 57.60	\$ 538.90	
793		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	8	0%	8	\$ 210.32	\$ 1,682.56	0.852	\$ 40.00	\$ 34.08	\$ 272.64	\$ 1,955.20	
794		Exhaust Fan " EF-1" Manuf: Panasonic MODEL: FV-0810VSS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
795		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 320.78	\$ 641.56	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 675.56	
796		<b>Duct</b>												
797		<b>Round</b>												
798		(6" Dia) Duct	LF	90	5%	95	\$ 4.27	\$ 403.52	0.192	\$ 40.00	\$ 7.68	\$ 725.76	\$ 1,129.28	
799		(4" Dia) Duct	LF	172	5%	181	\$ 1.56	\$ 281.37	0.148	\$ 40.00	\$ 5.90	\$ 1,066.26	\$ 1,347.64	
800		(7" Dia) Duct	LF	34	5%	36	\$ 3.45	\$ 123.17	0.247	\$ 40.00	\$ 9.87	\$ 352.36	\$ 475.52	
801		(5" Dia) Duct	LF	44	5%	46	\$ 2.27	\$ 104.98	0.192	\$ 40.00	\$ 7.68	\$ 354.82	\$ 459.80	
802		(10" Dia) Duct	LF	250	5%	263	\$ 3.79	\$ 994.98	0.309	\$ 40.00	\$ 12.36	\$ 3,244.50	\$ 4,239.48	
803		<b>Rectangular</b>												
804		(16"x14") Duct	LF	44	5%	46	\$ 8.35	\$ 385.77	0.433	\$ 40.00	\$ 17.31	\$ 799.72	\$ 1,185.49	
805		<b>Pipe</b>												
806		(3/4" Dia) Condensate Drain	LF	28	5%	29	\$ 10.38	\$ 305.17	0.160	\$ 40.00	\$ 6.40	\$ 188.16	\$ 493.33	
807		<b>Connection</b>												
808		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 419.16	
809		(7" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 85.66	\$ 342.64	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 460.40	
810		(4" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 67.35	\$ 134.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$ 193.58	
811		(5" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 60.15	\$ 240.60	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 358.36	
812		(10" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 93.62	\$ 1,123.44	0.895	\$ 40.00	\$ 35.80	\$ 429.60	\$ 1,553.04	
813		(16"x14" To 10") Transition	EA	6	0%	6	\$ 120.18	\$ 721.08	0.800	\$ 40.00	\$ 32.00	\$ 192.00	\$ 913.08	
814		(16"x14" To 5") Transition	EA	4	0%	4	\$ 65.80	\$ 263.20	0.280	\$ 40.00	\$ 11.20	\$ 44.80	\$ 308.00	
815		(16"x14" To 7") Transition	EA	4	0%	4	\$ 88.65	\$ 354.60	0.550	\$ 40.00	\$ 22.00	\$ 88.00	\$ 442.60	
816		<b>Unit S1 ( 3 EA)</b>												
817		<b>HVAC Fixture</b>												
818		Thermostat	EA	3	0%	3	\$ 110.65	\$ 331.95	0.800	\$ 40.00	\$ 32.00	\$ 96.00	\$ 427.95	
819		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$ 427.20	
820		(10" Dia) Wall Cap	EA	3	0%	3	\$ 69.32	\$ 207.96	0.485	\$ 40.00	\$ 19.40	\$ 58.20	\$ 266.16	
821		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$ 241.24	
822		(3/4" Dia) EZ-Trap Float Switches	EA	3	0%	3	\$ 55.20	\$ 165.60	0.300	\$ 40.00	\$ 12.00	\$ 36.00	\$ 201.60	
823		(10" Dia) Ceiling Radiation Damper	EA	3	0%	3	\$ 88.65	\$ 265.95	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$ 368.19	
824		Washer Vent Box Model: 425	EA	3	0%	3	\$ 98.25	\$ 294.75	1.090	\$ 40.00	\$ 43.60	\$ 130.80	\$ 425.55	
825		Split System Unit " CU-2" Model: BA15NA018	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$ 5,674.56	
826		(10"x6") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	6	0%	6	\$ 194.31	\$ 1,165.86	1.200	\$ 40.00	\$ 48.00	\$ 288.00	\$ 1,453.86	
827		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 320.78	\$ 962.34	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$ 1,013.34	

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
828		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$ 255.96	
829		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	3	0%	3	\$ 210.32	\$ 630.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$ 733.20	
830		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$ 255.96	
831		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 220.32	\$ 660.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$ 763.20	
832		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	3	0%	3	\$ 231.20	\$ 693.60	1.200	\$ 40.00	\$ 48.00	\$ 144.00	\$ 837.60	
833		Fan Coil Unit " FC-1" Manuf/ Model: First CO/20HXX	EA	3	0%	3	\$ 1,368.32	\$ 4,104.96	2.450	\$ 40.00	\$ 98.00	\$ 294.00	\$ 4,398.96	
834		<b>Duct</b>												
835		<b>Round</b>												
836		(6" Dia) Duct	LF	78	5%	82	\$ 4.27	\$ 349.71	0.192	\$ 40.00	\$ 7.68	\$ 628.99	\$ 978.71	
837		(7" Dia) Duct	LF	30	5%	32	\$ 3.45	\$ 108.68	0.247	\$ 40.00	\$ 9.87	\$ 310.91	\$ 419.58	
838		(4" Dia) Duct	LF	57	5%	60	\$ 1.56	\$ 93.25	0.148	\$ 40.00	\$ 5.90	\$ 353.35	\$ 446.60	
839		(10" Dia) Duct	LF	135	5%	142	\$ 3.79	\$ 537.29	0.309	\$ 40.00	\$ 12.36	\$ 1,752.03	\$ 2,289.32	
840		<b>Pipe</b>												
841		(3/4" Dia) Condensate Drain	LF	51	5%	54	\$ 10.38	\$ 555.85	0.160	\$ 40.00	\$ 6.40	\$ 342.72	\$ 898.57	
842		<b>Connection</b>												
843		(4" to 10") Tee	EA	3	0%	3	\$ 35.65	\$ 106.95	0.450	\$ 40.00	\$ 18.00	\$ 54.00	\$ 160.95	
844		(7" Dia) 45D Elbow	EA	12	0%	12	\$ 80.25	\$ 963.00	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$ 1,316.28	
845		(4" Dia) 45D Elbow	EA	9	0%	9	\$ 50.35	\$ 453.15	0.736	\$ 40.00	\$ 29.44	\$ 264.96	\$ 718.11	
846		(4" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 67.35	\$ 808.20	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$ 1,161.48	
847		(6" Dia) 90D Radius Elbow	EA	6	0%	6	\$ 75.35	\$ 452.10	0.736	\$ 40.00	\$ 29.44	\$ 176.64	\$ 628.74	
848		(10" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 93.62	\$ 1,404.30	0.895	\$ 40.00	\$ 35.80	\$ 537.00	\$ 1,941.30	
849		<b>Unit A2 ( 7 EA)</b>												
850		<b>HVAC Fixture</b>												
851		Thermostat	EA	7	0%	7	\$ 110.65	\$ 774.55	0.800	\$ 40.00	\$ 32.00	\$ 224.00	\$ 998.55	
852		Washable Filter	EA	7	0%	7	\$ 125.65	\$ 879.55	1.450	\$ 40.00	\$ 58.00	\$ 406.00	\$ 1,285.55	
853		(10" Dia) Wall Cap	EA	7	0%	7	\$ 69.32	\$ 485.24	0.485	\$ 40.00	\$ 19.40	\$ 135.80	\$ 621.04	
854		(4" Dia) Wall Cap	EA	7	0%	7	\$ 55.20	\$ 386.40	0.400	\$ 40.00	\$ 16.00	\$ 112.00	\$ 498.40	
855		(6" Dia) Wall Cap	EA	7	0%	7	\$ 62.33	\$ 436.32	0.452	\$ 40.00	\$ 18.08	\$ 126.56	\$ 562.88	
856		Washer Vent Box Model : 405	EA	7	0%	7	\$ 98.25	\$ 687.75	1.090	\$ 40.00	\$ 43.60	\$ 305.20	\$ 992.95	
857		(10" Dia) Ceiling Radiation Damper	EA	7	0%	7	\$ 88.65	\$ 620.55	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$ 859.11	
858		(14"x12") Ceiling Radiation Damper	EA	7	0%	7	\$ 102.00	\$ 714.00	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$ 952.56	
859		Split System Unit " CU-2" Model: BA15NAO24	EA	7	0%	7	\$ 1,732.32	\$ 12,126.24	3.980	\$ 40.00	\$ 159.20	\$ 1,114.40	\$ 13,240.64	
860		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 220.32	\$ 1,542.24	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$ 1,780.80	
861		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	21	0%	21	\$ 210.32	\$ 4,416.72	0.852	\$ 40.00	\$ 34.08	\$ 715.68	\$ 5,132.40	
862		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 320.78	\$ 2,245.46	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$ 2,364.46	
863		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	7	0%	7	\$ 231.20	\$ 1,618.40	1.200	\$ 40.00	\$ 48.00	\$ 336.00	\$ 1,954.40	
864		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	7	0%	7	\$ 68.32	\$ 478.24	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$ 597.24	
865		Fan Coil Unit " FC-2" Manuf/ Model: First CO/26HXX	EA	7	0%	7	\$ 1,368.32	\$ 9,578.24	2.450	\$ 40.00	\$ 98.00	\$ 686.00	\$ 10,264.24	
866		<b>Duct</b>												
867		<b>Round</b>												
868		(4" Dia) Duct	LF	196	5%	206	\$ 1.56	\$ 320.64	0.148	\$ 40.00	\$ 5.90	\$ 1,215.04	\$ 1,535.68	
869		(6" Dia) Duct	LF	357	5%	375	\$ 4.27	\$ 1,600.61	0.192	\$ 40.00	\$ 7.68	\$ 2,878.85	\$ 4,479.46	
870		(8" Dia) Duct	LF	35	5%	37	\$ 4.55	\$ 167.21	0.247	\$ 40.00	\$ 9.87	\$ 362.72	\$ 529.94	
871		(10" Dia) Duct	LF	798	5%	838	\$ 3.79	\$ 3,175.98	0.309	\$ 40.00	\$ 12.36	\$ 10,356.44	\$ 13,532.42	
872		<b>Rectangular</b>												
873		(14"x12") Duct	LF	161	5%	169	\$ 5.31	\$ 897.39	0.433	\$ 40.00	\$ 17.31	\$ 2,926.26	\$ 3,823.64	
874		<b>Pipe</b>												
875		(3/4" Dia) Condensate Drain	LF	98	5%	103	\$ 10.38	\$ 1,068.10	0.160	\$ 40.00	\$ 6.40	\$ 658.56	\$ 1,726.66	
876		<b>Connection</b>												
877		(4" Dia) 45D Elbow	EA	7	0%	7	\$ 50.35	\$ 352.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$ 558.53	
878		(10" Dia) 45D Elbow	EA	7	0%	7	\$ 45.62	\$ 319.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$ 569.94	
879		(6" Dia) 90D Radius Elbow	EA	35	0%	35	\$ 75.35	\$ 2,637.25	0.736	\$ 40.00	\$ 29.44	\$ 1,030.40	\$ 3,667.65	
880		(10" Dia) 90D Radius Elbow	EA	28	0%	28	\$ 93.62	\$ 2,621.36	0.895	\$ 40.00	\$ 35.80	\$ 1,002.40	\$ 3,623.76	
881		(4" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 67.35	\$ 471.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$ 677.53	
882		(8" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 93.62	\$ 655.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$ 905.94	
883		(14"x12" To 8") Transition	EA	7	0%	7	\$ 106.08	\$ 742.56	0.550	\$ 40.00	\$ 22.00	\$ 154.00	\$ 896.56	
884		(14"x12" To 10") Transition	EA	7	0%	7	\$ 102.00	\$ 714.00	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$ 882.00	
885		(14"x12" To 4") Transition	EA	7	0%	7	\$ 98.15	\$ 687.05	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$ 855.05	
886		<b>Unit C3</b>												
887		<b>HVAC Fixture</b>												
888		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$ 142.65	
889		Washable Filter	EA	1	0%	1	\$ 125.65	\$ 125.65	1.450	\$ 40.00	\$ 58.00	\$ 58.00	\$ 183.65	
890		(4" Dia) Wall Cap	EA	1	0%	1	\$ 55.20	\$ 55.20	0.400	\$ 40.00	\$ 16.00	\$ 16.00	\$ 71.20	
891		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$ 241.24	
892		(10" Dia) Ceiling Radiation Damper	EA	1	0%	1	\$ 88.65	\$ 88.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$ 122.73	
893		(16"x14") Ceiling Radiation Damper	EA	1	0%	1	\$ 140.62	\$ 140.62	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$ 174.70	
894		Washer Vent Box Model: 425	EA	1	0%	1	\$ 98.25	\$ 98.25	1.090	\$ 40.00	\$ 43.60	\$ 43.60	\$ 141.85	
895		Split System Unit " CU-3" Model: BA15NAO36	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$ 1,891.52	
896		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$ 279.20	
897		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VSS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
898		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 426.60	
899		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 210.32	\$ 841.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$ 977.60	



Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
979		(6" to 4") Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$	\$ 310.50
980		(6" To 5" to 4") Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$	\$ 310.50
981		(4" Dia) 45D Elbow	EA	5	0%	5	\$ 50.35	\$ 251.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$	\$ 398.95
982		(4" Dia) 90D Radius Elbow	EA	20	0%	20	\$ 67.35	\$ 1,347.00	0.736	\$ 40.00	\$ 29.44	\$ 588.80	\$	\$ 1,935.80
983		(6" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 75.35	\$ 376.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$	\$ 523.95
984		(9" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 102.00	\$ 1,020.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$	\$ 1,456.00
985		(7" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 85.66	\$ 1,284.90	0.736	\$ 40.00	\$ 29.44	\$ 441.60	\$	\$ 1,726.50
986		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00	\$	\$ 1,294.20
987		(3/4" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 24.80	\$ 124.00	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$	\$ 303.00
988		(14"x14" To 10") Transition	EA	10	0%	10	\$ 85.60	\$ 856.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$	\$ 1,292.00
989		(14"x14" To 4") Transition	EA	5	0%	5	\$ 55.55	\$ 277.75	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$	\$ 337.75
990		(14"x14" To 7") Transition	EA	10	0%	10	\$ 45.80	\$ 458.00	0.350	\$ 40.00	\$ 14.00	\$ 140.00	\$	\$ 598.00
991		(14"x14" To 6") Transition	EA	5	0%	5	\$ 45.80	\$ 229.00	0.350	\$ 40.00	\$ 14.00	\$ 70.00	\$	\$ 299.00
992		Unit C4 ( 2 EA)												
993		HVAC Fixture												
994		Thermostat	EA	2	0%	2	\$ 110.65	\$ 221.30	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$	\$ 285.30
995		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$	\$ 427.20
996		Washable Filter	EA	2	0%	2	\$ 125.65	\$ 251.30	1.450	\$ 40.00	\$ 58.00	\$ 116.00	\$	\$ 367.30
997		(6" Dia) Wall Cap	EA	2	0%	2	\$ 62.33	\$ 124.66	0.452	\$ 40.00	\$ 18.08	\$ 36.16	\$	\$ 160.82
998		(3/4" Dia) EZ-Trap Float Switches	EA	2	0%	2	\$ 55.20	\$ 110.40	0.300	\$ 40.00	\$ 12.00	\$ 24.00	\$	\$ 134.40
999		(16"x14" To 7") Ceiling Radiation Damper	EA	2	0%	2	\$ 140.62	\$ 281.24	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$	\$ 349.40
1000		(10" Dia) Ceiling Radiation Damper	EA	2	0%	2	\$ 88.65	\$ 177.30	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$	\$ 245.46
1001		Washer Vent Box Model: 425	EA	2	0%	2	\$ 98.25	\$ 196.50	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$	\$ 283.70
1002		Split System Unit " CU-3" Model: BA15NA036	EA	2	0%	2	\$ 1,732.32	\$ 3,464.64	3.980	\$ 40.00	\$ 159.20	\$ 318.40	\$	\$ 3,783.04
1003		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 220.32	\$ 440.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$	\$ 508.80
1004		Exhaust Fan " EF-1A" Manuf: Panasonic MODEL: FV-0510V51	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$	\$ 558.40
1005		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	2	0%	2	\$ 1,368.32	\$ 2,736.64	2.450	\$ 40.00	\$ 98.00	\$ 196.00	\$	\$ 2,932.64
1006		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$	\$ 341.28
1007		(15"x15") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 240.65	\$ 481.30	0.720	\$ 40.00	\$ 28.80	\$ 57.60	\$	\$ 538.90
1008		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	8	0%	8	\$ 210.32	\$ 1,682.56	0.852	\$ 40.00	\$ 34.08	\$ 272.64	\$	\$ 1,955.20
1009		Exhaust Fan " EF-1" Manuf: Panasonic MODEL: FV-0810V5S1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$	\$ 558.40
1010		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 320.78	\$ 641.56	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$	\$ 675.56
1011		Duct												
1012		Round												
1013		(6" Dia) Duct	LF	90	5%	95	\$ 4.27	\$ 403.52	0.192	\$ 40.00	\$ 7.68	\$ 725.76	\$	\$ 1,129.28
1014		(4" Dia) Duct	LF	172	5%	181	\$ 1.56	\$ 281.37	0.148	\$ 40.00	\$ 5.90	\$ 1,066.26	\$	\$ 1,347.64
1015		(7" Dia) Duct	LF	34	5%	36	\$ 3.45	\$ 123.17	0.247	\$ 40.00	\$ 9.87	\$ 352.36	\$	\$ 475.52
1016		(5" Dia) Duct	LF	44	5%	46	\$ 2.27	\$ 104.98	0.192	\$ 40.00	\$ 7.68	\$ 354.82	\$	\$ 459.80
1017		(10" Dia) Duct	LF	250	5%	263	\$ 3.79	\$ 994.98	0.309	\$ 40.00	\$ 12.36	\$ 3,244.50	\$	\$ 4,239.48
1018		Rectangular												
1019		(16"x14") Duct	LF	44	5%	46	\$ 8.35	\$ 385.77	0.433	\$ 40.00	\$ 17.31	\$ 799.72	\$	\$ 1,185.49
1020		Pipe												
1021		(3/4" Dia) Condensate Drain	LF	28	5%	29	\$ 10.38	\$ 305.17	0.160	\$ 40.00	\$ 6.40	\$ 188.16	\$	\$ 493.33
1022		Connection												
1023		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	\$ 419.16
1024		(7" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 85.66	\$ 342.64	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	\$ 460.40
1025		(4" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 67.35	\$ 134.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	\$ 193.58
1026		(5" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 60.15	\$ 240.60	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	\$ 358.36
1027		(10" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 93.62	\$ 1,123.44	0.895	\$ 40.00	\$ 35.80	\$ 429.60	\$	\$ 1,553.04
1028		(16"x14" To 10") Transition	EA	6	0%	6	\$ 120.18	\$ 721.08	0.800	\$ 40.00	\$ 32.00	\$ 192.00	\$	\$ 913.08
1029		(16"x14" To 5") Transition	EA	4	0%	4	\$ 65.80	\$ 263.20	0.280	\$ 40.00	\$ 11.20	\$ 44.80	\$	\$ 308.00
1030		(16"x14" To 7") Transition	EA	4	0%	4	\$ 88.65	\$ 354.60	0.550	\$ 40.00	\$ 22.00	\$ 88.00	\$	\$ 442.60
1031		Unit S1 ( 3 EA)												
1032		HVAC Fixture												
1033		Thermostat	EA	3	0%	3	\$ 110.65	\$ 331.95	0.800	\$ 40.00	\$ 32.00	\$ 96.00	\$	\$ 427.95
1034		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$	\$ 427.20
1035		(10" Dia) Wall Cap	EA	3	0%	3	\$ 69.32	\$ 207.96	0.485	\$ 40.00	\$ 19.40	\$ 58.20	\$	\$ 266.16
1036		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$	\$ 241.24
1037		(3/4" Dia) EZ-Trap Float Switches	EA	3	0%	3	\$ 55.20	\$ 165.60	0.300	\$ 40.00	\$ 12.00	\$ 36.00	\$	\$ 201.60
1038		(10" Dia) Ceiling Radiation Damper	EA	3	0%	3	\$ 88.65	\$ 265.95	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	\$ 368.19
1039		Washer Vent Box Model: 425	EA	3	0%	3	\$ 98.25	\$ 294.75	1.090	\$ 40.00	\$ 43.60	\$ 130.80	\$	\$ 425.55
1040		Split System Unit " CU-2" Model: BA15NAO18	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$	\$ 5,674.56
1041		(10"x6") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	6	0%	6	\$ 194.31	\$ 1,165.86	1.200	\$ 40.00	\$ 48.00	\$ 288.00	\$	\$ 1,453.86
1042		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 320.78	\$ 962.34	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$	\$ 1,013.34
1043		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$	\$ 255.96
1044		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	3	0%	3	\$ 210.32	\$ 630.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	\$ 733.20
1045		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$	\$ 255.96
1046		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 220.32	\$ 660.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	\$ 763.20
1047		Exhaust Fan " EF-1" Manuf: Panasonic MODEL: FV-0810V5S1	EA	3	0%	3	\$ 231.20	\$ 693.60	1.200	\$ 40.00	\$ 48.00	\$ 144.00	\$	\$ 837.60
1048		Fan Coil Unit " FC-1" Manuf/ Model: First CO/20HXX	EA	3	0%	3	\$ 1,368.32	\$ 4,104.96	2.450	\$ 40.00	\$ 98.00	\$ 294.00	\$	\$ 4,398.96
1049		Duct												
1050		Round												
1051		(6" Dia) Duct	LF	78	5%	82	\$ 4.27	\$ 349.71	0.192	\$ 40.00	\$ 7.68	\$ 628.99	\$	\$ 978.71
1052		(7" Dia) Duct	LF	30	5%	32	\$ 3.45	\$ 108.68	0.247	\$ 40.00	\$ 9.87	\$ 310.91	\$	\$ 419.58

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
1053		(4" Dia) Duct	LF	57	5%	60	\$ 1.56	\$ 93.25	0.148	\$ 40.00	\$ 5.90	\$ 353.35	\$	446.60
1054		(10" Dia) Duct	LF	135	5%	142	\$ 3.79	\$ 537.29	0.309	\$ 40.00	\$ 12.36	\$ 1,752.03	\$	2,289.32
1055		<b>Pipe</b>												
1056		(3/4" Dia) Condensate Drain	LF	51	5%	54	\$ 10.38	\$ 555.85	0.160	\$ 40.00	\$ 6.40	\$ 342.72	\$	898.57
1057		<b>Connection</b>												
1058		(4" to 10") Tee	EA	3	0%	3	\$ 35.65	\$ 106.95	0.450	\$ 40.00	\$ 18.00	\$ 54.00	\$	160.95
1059		(7" Dia) 45D Elbow	EA	12	0%	12	\$ 80.25	\$ 963.00	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$	1,316.28
1060		(4" Dia) 45D Elbow	EA	9	0%	9	\$ 50.35	\$ 453.15	0.736	\$ 40.00	\$ 29.44	\$ 264.96	\$	718.11
1061		(4" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 67.35	\$ 808.20	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$	1,161.48
1062		(6" Dia) 90D Radius Elbow	EA	6	0%	6	\$ 75.35	\$ 452.10	0.736	\$ 40.00	\$ 29.44	\$ 176.64	\$	628.74
1063		(10" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 93.62	\$ 1,404.30	0.895	\$ 40.00	\$ 35.80	\$ 537.00	\$	1,941.30
1064		<b>Unit A2 ( 7 EA )</b>												
1065		<b>HVAC Fixture</b>												
1066		Thermostat	EA	7	0%	7	\$ 110.65	\$ 774.55	0.800	\$ 40.00	\$ 32.00	\$ 224.00	\$	998.55
1067		Washable Filter	EA	7	0%	7	\$ 125.65	\$ 879.55	1.450	\$ 40.00	\$ 58.00	\$ 406.00	\$	1,285.55
1068		(10" Dia) Wall Cap	EA	7	0%	7	\$ 69.32	\$ 485.24	0.485	\$ 40.00	\$ 19.40	\$ 135.80	\$	621.04
1069		(4" Dia) Wall Cap	EA	7	0%	7	\$ 55.20	\$ 386.40	0.400	\$ 40.00	\$ 16.00	\$ 112.00	\$	498.40
1070		(6" Dia) Wall Cap	EA	7	0%	7	\$ 62.33	\$ 436.32	0.452	\$ 40.00	\$ 18.08	\$ 126.56	\$	562.88
1071		Washer Vent Box Model : 405	EA	7	0%	7	\$ 98.25	\$ 687.75	1.090	\$ 40.00	\$ 43.60	\$ 305.20	\$	992.95
1072		(10" Dia) Ceiling Radiation Damper	EA	7	0%	7	\$ 88.65	\$ 620.55	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$	859.11
1073		(14"x12") Ceiling Radiation Damper	EA	7	0%	7	\$ 102.00	\$ 714.00	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$	952.56
1074		Split System Unit " CU-2" Model: BA15NAO24	EA	7	0%	7	\$ 1,732.32	\$ 12,126.24	3.980	\$ 40.00	\$ 159.20	\$ 1,114.40	\$	13,240.64
1075		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 220.32	\$ 1,542.24	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$	1,780.80
1076		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	21	0%	21	\$ 210.32	\$ 4,416.72	0.852	\$ 40.00	\$ 34.08	\$ 715.68	\$	5,132.40
1077		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 320.78	\$ 2,245.46	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$	2,364.46
1078		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	7	0%	7	\$ 231.20	\$ 1,618.40	1.200	\$ 40.00	\$ 48.00	\$ 336.00	\$	1,954.40
1079		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	7	0%	7	\$ 68.32	\$ 478.24	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$	597.24
1080		Fan Coil Unit " FC-2" Manuf/ Model: First CO/26HXX	EA	7	0%	7	\$ 1,368.32	\$ 9,578.24	2.450	\$ 40.00	\$ 98.00	\$ 686.00	\$	10,264.24
1081		<b>Duct</b>												
1082		<b>Round</b>												
1083		(4" Dia) Duct	LF	196	5%	206	\$ 1.56	\$ 320.64	0.148	\$ 40.00	\$ 5.90	\$ 1,215.04	\$	1,535.68
1084		(6" Dia) Duct	LF	357	5%	375	\$ 4.27	\$ 1,600.61	0.192	\$ 40.00	\$ 7.68	\$ 2,878.85	\$	4,479.46
1085		(8" Dia) Duct	LF	35	5%	37	\$ 4.55	\$ 167.21	0.247	\$ 40.00	\$ 9.87	\$ 362.72	\$	529.94
1086		(10" Dia) Duct	LF	798	5%	838	\$ 3.79	\$ 3,175.98	0.309	\$ 40.00	\$ 12.36	\$ 10,356.44	\$	13,532.42
1087		<b>Rectangular</b>												
1088		(14"x12") Duct	LF	161	5%	169	\$ 5.31	\$ 897.39	0.433	\$ 40.00	\$ 17.31	\$ 2,926.26	\$	3,823.64
1089		<b>Pipe</b>												
1090		(3/4" Dia) Condensate Drain	LF	98	5%	103	\$ 10.38	\$ 1,068.10	0.160	\$ 40.00	\$ 6.40	\$ 658.56	\$	1,726.66
1091		<b>Connection</b>												
1092		(4" Dia) 45D Elbow	EA	7	0%	7	\$ 50.35	\$ 352.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$	558.53
1093		(10" Dia) 45D Elbow	EA	7	0%	7	\$ 45.62	\$ 319.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$	569.94
1094		(6" Dia) 90D Radius Elbow	EA	35	0%	35	\$ 75.35	\$ 2,637.25	0.736	\$ 40.00	\$ 29.44	\$ 1,030.40	\$	3,667.65
1095		(10" Dia) 90D Radius Elbow	EA	28	0%	28	\$ 93.62	\$ 2,621.36	0.895	\$ 40.00	\$ 35.80	\$ 1,002.40	\$	3,623.76
1096		(4" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 67.35	\$ 471.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$	677.53
1097		(8" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 93.62	\$ 655.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$	905.94
1098		(14"x12" To 8") Transition	EA	7	0%	7	\$ 106.08	\$ 742.56	0.550	\$ 40.00	\$ 22.00	\$ 154.00	\$	896.56
1099		(14"x12" To 10") Transition	EA	7	0%	7	\$ 102.00	\$ 714.00	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$	882.00
1100		(14"x12" To 4") Transition	EA	7	0%	7	\$ 98.15	\$ 687.05	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$	855.05
1101		<b>Unit C3</b>												
1102		<b>HVAC Fixture</b>												
1103		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	142.65
1104		Washable Filter	EA	1	0%	1	\$ 125.65	\$ 125.65	1.450	\$ 40.00	\$ 58.00	\$ 58.00	\$	183.65
1105		(4" Dia) Wall Cap	EA	1	0%	1	\$ 55.20	\$ 55.20	0.400	\$ 40.00	\$ 16.00	\$ 16.00	\$	71.20
1106		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$	241.24
1107		(10" Dia) Ceiling Radiation Damper	EA	1	0%	1	\$ 88.65	\$ 88.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	122.73
1108		(16"x14") Ceiling Radiation Damper	EA	1	0%	1	\$ 140.62	\$ 140.62	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	174.70
1109		Washer Vent Box Model: 425	EA	1	0%	1	\$ 98.25	\$ 98.25	1.090	\$ 40.00	\$ 43.60	\$ 43.60	\$	141.85
1110		Split System Unit " CU-3" Model: BA15NAO36	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$	1,891.52
1111		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
1112		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VSS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$	558.40
1113		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	426.60
1114		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 210.32	\$ 841.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$	977.60
1115		(14"x14") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 172.32	\$ 172.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	206.40
1116		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	1,466.32
1117		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 320.78	\$ 320.78	0.425	\$ 40.00	\$ 17.00	\$ 17.00	\$	337.78
1118		<b>Duct</b>												
1119		<b>Round</b>												
1120		(6" Dia) Duct	LF	74	5%	78	\$ 4.27	\$ 331.78	0.192	\$ 40.00	\$ 7.68	\$ 596.74	\$	928.52
1121		(5" Dia) Duct	LF	23	5%	24	\$ 2.27	\$ 54.88	0.192	\$ 40.00	\$ 7.68	\$ 185.47	\$	240.35
1122		(4" Dia) Duct	LF	100	5%	105	\$ 1.56	\$ 163.59	0.148	\$ 40.00	\$ 5.90	\$ 619.92	\$	783.51
1123		(10" Dia) Duct	LF	76	5%	80	\$ 3.79	\$ 302.47	0.309	\$ 40.00	\$ 12.36	\$ 986.33	\$	1,288.80
1124		(9" Dia) Duct	LF	17	5%	18	\$ 4.79	\$ 85.50	0.309	\$ 40.00	\$ 12.36	\$ 220.63	\$	306.13
1125		<b>Rectangular</b>												
1126		(16"x14") Duct	LF	27	5%	28	\$ 8.35	\$ 236.72	0.433	\$ 40.00	\$ 17.31	\$ 490.74	\$	727.46
1127		<b>Pipe</b>												
1128		(3/4" Dia) Condensate Drain	LF	14	5%	15	\$ 10.38	\$ 155.29	0.160	\$ 40.00	\$ 6.40	\$ 94.08	\$	246.67
1129		<b>Connection</b>												
1130		(6" To 5") Tee	EA	1	0%	1	\$ 42.10	\$ 42.10	0.500	\$ 40.00	\$ 20.00	\$ 20.00	\$	62.10
1131		(6" To 4") Tee	EA	1	0%	1	\$ 42.10	\$ 42.10	0.500	\$ 40.00	\$ 20.00	\$ 20.00	\$	62.10
1132		(5" To 9") Tee	EA	1	0%	1	\$ 20.22	\$ 20.22	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$	38.22

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
1133		(10" to 4") Tee	EA	1	0%	1	\$ 35.65	\$ 35.65	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$	53.65
1134		(6" To 10") Tee	EA	1	0%	1	\$ 15.25	\$ 15.25	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$	33.25
1135		(4" Dia) 45D Elbow	EA	3	0%	3	\$ 50.35	\$ 151.05	0.736	\$ 40.00	\$ 29.44	\$ 88.32	\$	239.37
1136		(5" Dia) 45D Elbow	EA	1	0%	1	\$ 55.50	\$ 55.50	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$	84.94
1137		(6" Dia) 45D Elbow	EA	1	0%	1	\$ 67.35	\$ 67.35	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$	96.79
1138		(6" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 75.35	\$ 150.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	209.58
1139		(4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 67.35	\$ 269.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$	387.16
1140		(5" Dia) 90D Radius Elbow	EA	3	0%	3	\$ 60.15	\$ 180.45	0.736	\$ 40.00	\$ 29.44	\$ 88.32	\$	268.77
1141		(10" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 93.62	\$ 468.10	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$	647.10
1142		(9" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 102.00	\$ 204.00	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$	291.20
1143		(16"x14" To 10") Transition	EA	2	0%	2	\$ 120.18	\$ 240.36	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$	304.36
1144		(16"x14" To 9") Transition	EA	2	0%	2	\$ 125.28	\$ 250.56	0.650	\$ 40.00	\$ 26.00	\$ 52.00	\$	302.56
1145		(16"x14" To 4") Transition	EA	1	0%	1	\$ 114.66	\$ 114.66	0.555	\$ 40.00	\$ 22.20	\$ 22.20	\$	136.86
1146		<b>Building 2 Fourth Floor</b>												
1147		<b>Common Area</b>												
1148		<b>HVAC Fixture</b>												
1149		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$	142.65
1150		Exhaust Fan "EF-5" W CRD Manuf: Janitor Model: Greenheck	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$	279.20
1151		Mini Split Wall Mounted "MSFC-2" Model: PLA-A18BA	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$	1,466.32
1152		(5" Dia) Wall Cap	EA	2	0%	2	\$ 58.32	\$ 116.64	0.485	\$ 40.00	\$ 19.40	\$ 38.80	\$	155.44
1153		(5" Dia) Balancing Damper	EA	1	0%	1	\$ 69.32	\$ 69.32	0.485	\$ 40.00	\$ 19.40	\$ 19.40	\$	88.72
1154		<b>Duct</b>												
1155		(5" Dia) Duct	LF	6	5%	6	\$ 2.27	\$ 14.32	0.192	\$ 40.00	\$ 7.68	\$ 48.38	\$	62.70
1156		<b>Pipe</b>												
1157		(3/4" Dia) Condensate Drain	LF	34	5%	36	\$ 10.38	\$ 370.57	0.160	\$ 40.00	\$ 6.40	\$ 228.48	\$	599.05
1158		<b>Connection</b>												
1159		(3/4") 90D Elbow	EA	3	0%	3	\$ 24.80	\$ 74.40	0.895	\$ 40.00	\$ 35.80	\$ 107.40	\$	181.80
1160		<b>Unit C2 (5 EA)</b>												
1161		<b>HVAC Fixture</b>												
1162		Thermostat	EA	5	0%	5	\$ 110.65	\$ 553.25	0.800	\$ 40.00	\$ 32.00	\$ 160.00	\$	713.25
1163		(4" Dia) Wall Cap	EA	5	0%	5	\$ 55.20	\$ 276.00	0.400	\$ 40.00	\$ 16.00	\$ 80.00	\$	356.00
1164		(6" Dia) Wall Cap	EA	10	0%	10	\$ 62.33	\$ 623.32	0.452	\$ 40.00	\$ 18.08	\$ 180.80	\$	804.12
1165		Washable Filter	EA	5	0%	5	\$ 125.65	\$ 628.25	1.450	\$ 40.00	\$ 58.00	\$ 290.00	\$	918.25
1166		(3/4" Dia) EZ-Trap Float Switches	EA	5	0%	5	\$ 55.20	\$ 276.00	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$	336.00
1167		(14"x14") Ceiling Radiation Damper	EA	5	0%	5	\$ 106.85	\$ 534.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	704.65
1168		(10" Dia) Ceiling Radiation Damper	EA	5	0%	5	\$ 88.65	\$ 443.25	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	613.65
1169		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 220.32	\$ 1,101.60	0.852	\$ 40.00	\$ 34.08	\$ 170.40	\$	1,272.00
1170		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	20	0%	20	\$ 210.32	\$ 4,206.40	0.852	\$ 40.00	\$ 34.08	\$ 681.60	\$	4,888.00
1171		Washer Vent Box Model: 425	EA	5	0%	5	\$ 98.25	\$ 491.25	1.090	\$ 40.00	\$ 43.60	\$ 218.00	\$	709.25
1172		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	426.60
1173		Split System Unit "CU-3" Model: BA15NA036	EA	5	0%	5	\$ 1,732.32	\$ 8,661.60	3.980	\$ 40.00	\$ 159.20	\$ 796.00	\$	9,457.60
1174		Exhaust Fan "EF-1A" Manuf: Panasonic Model: FV-0510VS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$	1,396.00
1175		Fan Coil Unit "FC-3" Manuf/ Model: First CO/37HXX	EA	5	0%	5	\$ 1,368.32	\$ 6,841.60	2.450	\$ 40.00	\$ 98.00	\$ 490.00	\$	7,331.60
1176		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	5	0%	5	\$ 320.78	\$ 1,603.90	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	1,688.90
1177		Exhaust Fan "EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	5	0%	5	\$ 231.20	\$ 1,156.00	1.200	\$ 40.00	\$ 48.00	\$ 240.00	\$	1,396.00
1178		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	426.60
1179		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$	426.60
1180		(18"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 280.65	\$ 1,403.25	0.720	\$ 40.00	\$ 28.80	\$ 144.00	\$	1,547.25
1181		<b>Duct</b>												
1182		<b>Round</b>												
1183		(6" Dia) Duct	LF	160	5%	168	\$ 4.27	\$ 717.36	0.192	\$ 40.00	\$ 7.68	\$ 1,290.24	\$	2,007.60
1184		(4" Dia) Duct	LF	350	5%	368	\$ 1.56	\$ 572.57	0.148	\$ 40.00	\$ 5.90	\$ 2,169.72	\$	2,742.29
1185		(10" Dia) Duct	LF	170	5%	179	\$ 3.79	\$ 676.59	0.309	\$ 40.00	\$ 12.36	\$ 2,206.26	\$	2,882.85
1186		(7" Dia) Duct	LF	150	5%	158	\$ 3.45	\$ 543.38	0.247	\$ 40.00	\$ 9.87	\$ 1,554.53	\$	2,097.90
1187		(9" Dia) Duct	LF	115	5%	121	\$ 4.79	\$ 578.39	0.309	\$ 40.00	\$ 12.36	\$ 1,492.47	\$	2,070.86
1188		(5" Dia) Duct	LF	20	5%	21	\$ 2.27	\$ 47.72	0.192	\$ 40.00	\$ 7.68	\$ 161.28	\$	209.00
1189		<b>Rectangular</b>												
1190		(14"x14") Duct	LF	40	5%	42	\$ 7.35	\$ 308.70	0.433	\$ 40.00	\$ 17.31	\$ 727.02	\$	1,035.72
1191		<b>Pipe</b>												
1192		(3/4" Dia) Condensate Drain	LF	75	5%	79	\$ 10.38	\$ 817.43	0.160	\$ 40.00	\$ 6.40	\$ 504.00	\$	1,321.43
1193		<b>Connection</b>												
1194		(6" to 4") Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$	310.50
1195		(6" To 5" to 4") Tee	EA	5	0%	5	\$ 42.10	\$ 210.50	0.500	\$ 40.00	\$ 20.00	\$ 100.00	\$	310.50
1196		(4" Dia) 45D Elbow	EA	5	0%	5	\$ 50.35	\$ 251.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$	398.95
1197		(4" Dia) 90D Radius Elbow	EA	20	0%	20	\$ 67.35	\$ 1,347.00	0.736	\$ 40.00	\$ 29.44	\$ 588.80	\$	1,935.80
1198		(6" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 75.35	\$ 376.75	0.736	\$ 40.00	\$ 29.44	\$ 147.20	\$	523.95
1199		(9" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 102.00	\$ 1,020.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$	1,456.00
1200		(7" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 85.66	\$ 1,284.90	0.736	\$ 40.00	\$ 29.44	\$ 441.60	\$	1,726.50
1201		(10" Dia) 90D Radius Elbow	EA	10	0%	10	\$ 93.62	\$ 936.20	0.895	\$ 40.00	\$ 35.80	\$ 358.00	\$	1,294.20
1202		(3/4" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 24.80	\$ 124.00	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$	303.00
1203		(14"x14" To 10") Transition	EA	10	0%	10	\$ 85.60	\$ 856.00	1.090	\$ 40.00	\$ 43.60	\$ 436.00	\$	1,292.00
1204		(14"x14" To 4") Transition	EA	5	0%	5	\$ 55.55	\$ 277.75	0.300	\$ 40.00	\$ 12.00	\$ 60.00	\$	337.75
1205		(14"x14" To 7") Transition	EA	10	0%	10	\$ 45.80	\$ 458.00	0.350	\$ 40.00	\$ 14.00	\$ 140.00	\$	598.00
1206		(14"x14" To 6") Transition	EA	5	0%	5	\$ 45.80	\$ 229.00	0.350	\$ 40.00	\$ 14.00	\$ 70.00	\$	299.00
1207		<b>Unit C4 (2 EA)</b>												
1208		<b>HVAC Fixture</b>												
1209		Thermostat	EA	2	0%	2	\$ 110.65	\$ 221.30	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$	285.30
1210		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$	427.20
1211		Washable Filter	EA	2	0%	2	\$ 125.65	\$ 251.30	1.450	\$ 40.00	\$ 58.00	\$ 116.00	\$	367.30
1212		(6" Dia) Wall Cap	EA	2	0%	2	\$ 62.33	\$ 124.66	0.452	\$ 40.00	\$ 18.08	\$ 36.16	\$	160.82
1213		(3/4" Dia) EZ-Trap Float Switches	EA	2	0%	2	\$ 55.20	\$ 110.40	0.300	\$ 40.00	\$ 12.00	\$ 24.00	\$	134.40
1214		(16"x14") Ceiling Radiation Damper	EA	2	0%	2	\$ 140.62	\$ 281.24	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$	349.40
1215		(10" Dia) Ceiling Radiation Damper	EA	2	0%	2	\$ 88.65	\$ 177.30	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$	245.46

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
1216		Washer Vent Box Model: 425	EA	2	0%	2	\$ 98.25	\$ 196.50	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$ 283.70	
1217		Split System Unit " CU-3" Model: BA15NA036	EA	2	0%	2	\$ 1,732.32	\$ 3,464.64	3.980	\$ 40.00	\$ 159.20	\$ 318.40	\$ 3,783.04	
1218		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 220.32	\$ 440.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 508.80	
1219		Exhaust Fan " EF-1A" Manuf: Panasonic MModel: FV-0510V51	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
1220		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	2	0%	2	\$ 1,368.32	\$ 2,736.64	2.450	\$ 40.00	\$ 98.00	\$ 196.00	\$ 2,932.64	
1221		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	4	0%	4	\$ 68.32	\$ 273.28	0.425	\$ 40.00	\$ 17.00	\$ 68.00	\$ 341.28	
1222		(15"x15") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	2	0%	2	\$ 240.65	\$ 481.30	0.720	\$ 40.00	\$ 28.80	\$ 57.60	\$ 538.90	
1223		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	8	0%	8	\$ 210.32	\$ 1,682.56	0.852	\$ 40.00	\$ 34.08	\$ 272.64	\$ 1,955.20	
1224		Exhaust Fan " EF-1" Manuf: Panasonic MModel: FV-0810V5S1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
1225		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	2	0%	2	\$ 320.78	\$ 641.56	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 675.56	
1226		<b>Duct</b>												
1227		<b>Round</b>												
1228		(6" Dia) Duct	LF	90	5%	95	\$ 4.27	\$ 403.52	0.192	\$ 40.00	\$ 7.68	\$ 725.76	\$ 1,129.28	
1229		(4" Dia) Duct	LF	172	5%	181	\$ 1.56	\$ 281.37	0.148	\$ 40.00	\$ 5.90	\$ 1,066.26	\$ 1,347.64	
1230		(7" Dia) Duct	LF	34	5%	36	\$ 3.45	\$ 123.17	0.247	\$ 40.00	\$ 9.87	\$ 352.36	\$ 475.52	
1231		(5" Dia) Duct	LF	44	5%	46	\$ 2.27	\$ 104.98	0.192	\$ 40.00	\$ 7.68	\$ 354.82	\$ 459.80	
1232		(10" Dia) Duct	LF	250	5%	263	\$ 3.79	\$ 994.98	0.309	\$ 40.00	\$ 12.36	\$ 3,244.50	\$ 4,239.48	
1233		<b>Rectangular</b>												
1234		(16"x14") Duct	LF	44	5%	46	\$ 8.35	\$ 385.77	0.433	\$ 40.00	\$ 17.31	\$ 799.72	\$ 1,185.49	
1235		<b>Pipe</b>												
1236		(3/4" Dia) Condensate Drain	LF	28	5%	29	\$ 10.38	\$ 305.17	0.160	\$ 40.00	\$ 6.40	\$ 188.16	\$ 493.33	
1237		<b>Connection</b>												
1238		(6" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 75.35	\$ 301.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 419.16	
1239		(7" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 85.66	\$ 342.64	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 460.40	
1240		(4" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 67.35	\$ 134.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$ 193.58	
1241		(5" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 60.15	\$ 240.60	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 358.36	
1242		(10" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 93.62	\$ 1,123.44	0.895	\$ 40.00	\$ 35.80	\$ 429.60	\$ 1,553.04	
1243		(16"x14" To 10") Transition	EA	6	0%	6	\$ 120.18	\$ 721.08	0.800	\$ 40.00	\$ 32.00	\$ 192.00	\$ 913.08	
1244		(16"x14" To 5") Transition	EA	4	0%	4	\$ 65.80	\$ 263.20	0.280	\$ 40.00	\$ 11.20	\$ 44.80	\$ 308.00	
1245		(16"x14" To 7") Transition	EA	4	0%	4	\$ 88.65	\$ 354.60	0.550	\$ 40.00	\$ 22.00	\$ 88.00	\$ 442.60	
1246		<b>Unit S1 ( 3 EA)</b>												
1247		<b>HVAC Fixture</b>												
1248		Thermostat	EA	3	0%	3	\$ 110.65	\$ 331.95	0.800	\$ 40.00	\$ 32.00	\$ 96.00	\$ 427.95	
1249		(4" Dia) Wall Cap	EA	6	0%	6	\$ 55.20	\$ 331.20	0.400	\$ 40.00	\$ 16.00	\$ 96.00	\$ 427.20	
1250		(10" Dia) Wall Cap	EA	3	0%	3	\$ 69.32	\$ 207.96	0.485	\$ 40.00	\$ 19.40	\$ 58.20	\$ 266.16	
1251		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$ 241.24	
1252		(3/4" Dia) EZ-Trap Float Switches	EA	3	0%	3	\$ 55.20	\$ 165.60	0.300	\$ 40.00	\$ 12.00	\$ 36.00	\$ 201.60	
1253		(10" Dia) Ceiling Radiation Damper	EA	3	0%	3	\$ 88.65	\$ 265.95	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$ 368.19	
1254		Washer Vent Box Model: 425	EA	3	0%	3	\$ 98.25	\$ 294.75	1.090	\$ 40.00	\$ 43.60	\$ 130.80	\$ 425.55	
1255		Split System Unit " CU-2" Model: BA15NAO18	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$ 5,674.56	
1256		(10"x6") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	6	0%	6	\$ 194.31	\$ 1,165.86	1.200	\$ 40.00	\$ 48.00	\$ 288.00	\$ 1,453.86	
1257		(30"x12") Return Air Grille " RG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 320.78	\$ 962.34	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$ 1,013.34	
1258		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$ 255.96	
1259		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	3	0%	3	\$ 210.32	\$ 630.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$ 733.20	
1260		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$ 255.96	
1261		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	3	0%	3	\$ 220.32	\$ 660.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$ 763.20	
1262		Exhaust Fan " EF-1" Manuf: Panasonic MModel: FV-0810V5S1	EA	3	0%	3	\$ 231.20	\$ 693.60	1.200	\$ 40.00	\$ 48.00	\$ 144.00	\$ 837.60	
1263		Fan Coil Unit " FC-1" Manuf/ Model: First CO/20HXX	EA	3	0%	3	\$ 1,368.32	\$ 4,104.96	2.450	\$ 40.00	\$ 98.00	\$ 294.00	\$ 4,398.96	
1264		<b>Duct</b>												
1265		<b>Round</b>												
1266		(6" Dia) Duct	LF	78	5%	82	\$ 4.27	\$ 349.71	0.192	\$ 40.00	\$ 7.68	\$ 628.99	\$ 978.71	
1267		(7" Dia) Duct	LF	30	5%	32	\$ 3.45	\$ 108.68	0.247	\$ 40.00	\$ 9.87	\$ 310.91	\$ 419.58	
1268		(4" Dia) Duct	LF	57	5%	60	\$ 1.56	\$ 93.25	0.148	\$ 40.00	\$ 5.90	\$ 353.35	\$ 446.60	
1269		(10" Dia) Duct	LF	135	5%	142	\$ 3.79	\$ 537.29	0.309	\$ 40.00	\$ 12.36	\$ 1,752.03	\$ 2,289.32	
1270		<b>Pipe</b>												
1271		(3/4" Dia) Condensate Drain	LF	51	5%	54	\$ 10.38	\$ 555.85	0.160	\$ 40.00	\$ 6.40	\$ 342.72	\$ 898.57	
1272		<b>Connection</b>												
1273		(4" to 10") Tee	EA	3	0%	3	\$ 35.65	\$ 106.95	0.450	\$ 40.00	\$ 18.00	\$ 54.00	\$ 160.95	
1274		(7" Dia) 45D Elbow	EA	12	0%	12	\$ 80.25	\$ 963.00	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$ 1,316.28	
1275		(4" Dia) 45D Elbow	EA	9	0%	9	\$ 50.35	\$ 453.15	0.736	\$ 40.00	\$ 29.44	\$ 264.96	\$ 718.11	
1276		(4" Dia) 90D Radius Elbow	EA	12	0%	12	\$ 67.35	\$ 808.20	0.736	\$ 40.00	\$ 29.44	\$ 353.28	\$ 1,161.48	
1277		(6" Dia) 90D Radius Elbow	EA	6	0%	6	\$ 75.35	\$ 452.10	0.736	\$ 40.00	\$ 29.44	\$ 176.64	\$ 628.74	
1278		(10" Dia) 90D Radius Elbow	EA	15	0%	15	\$ 93.62	\$ 1,404.30	0.895	\$ 40.00	\$ 35.80	\$ 537.00	\$ 1,941.30	
1279		<b>Unit A2 ( 7 EA)</b>												
1280		<b>HVAC Fixture</b>												
1281		Thermostat	EA	7	0%	7	\$ 110.65	\$ 774.55	0.800	\$ 40.00	\$ 32.00	\$ 224.00	\$ 998.55	
1282		Washable Filter	EA	7	0%	7	\$ 125.65	\$ 879.55	1.450	\$ 40.00	\$ 58.00	\$ 406.00	\$ 1,285.55	
1283		(10" Dia) Wall Cap	EA	7	0%	7	\$ 69.32	\$ 485.24	0.485	\$ 40.00	\$ 19.40	\$ 135.80	\$ 621.04	
1284		(4" Dia) Wall Cap	EA	7	0%	7	\$ 55.20	\$ 386.40	0.400	\$ 40.00	\$ 16.00	\$ 112.00	\$ 498.40	
1285		(6" Dia) Wall Cap	EA	7	0%	7	\$ 62.33	\$ 436.32	0.452	\$ 40.00	\$ 18.08	\$ 126.56	\$ 562.88	
1286		Washer Vent Box Model : 405	EA	7	0%	7	\$ 98.25	\$ 687.75	1.090	\$ 40.00	\$ 43.60	\$ 305.20	\$ 992.95	
1287		(10" Dia) Ceiling Radiation Damper	EA	7	0%	7	\$ 88.65	\$ 620.55	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$ 859.11	
1288		(14"x12") Ceiling Radiation Damper	EA	7	0%	7	\$ 102.00	\$ 714.00	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$ 952.56	

Building Data Summary

Project ID:	Comercial
Location:	*****
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Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
1289		Split System Unit " CU-2" Model: BA15NAO24	EA	7	0%	7	\$ 1,732.32	\$ 12,126.24	3.980	\$ 40.00	\$ 159.20	\$ 1,114.40	\$ 13,240.64	
1290		(30"x6") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 220.32	\$ 1,542.24	0.852	\$ 40.00	\$ 34.08	\$ 238.56	\$ 1,780.80	
1291		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	21	0%	21	\$ 210.32	\$ 4,416.72	0.852	\$ 40.00	\$ 34.08	\$ 715.68	\$ 5,132.40	
1292		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	7	0%	7	\$ 320.78	\$ 2,245.46	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$ 2,364.46	
1293		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	7	0%	7	\$ 231.20	\$ 1,618.40	1.200	\$ 40.00	\$ 48.00	\$ 336.00	\$ 1,954.40	
1294		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	7	0%	7	\$ 68.32	\$ 478.24	0.425	\$ 40.00	\$ 17.00	\$ 119.00	\$ 597.24	
1295		Fan Coil Unit " FC-2" Manuf/ Model: First CO/26HXX	EA	7	0%	7	\$ 1,368.32	\$ 9,578.24	2.450	\$ 40.00	\$ 98.00	\$ 686.00	\$ 10,264.24	
1296		<b>Duct</b>												
1297		<b>Round</b>												
1298		(4" Dia) Duct	LF	196	5%	206	\$ 1.56	\$ 320.64	0.148	\$ 40.00	\$ 5.90	\$ 1,215.04	\$ 1,535.68	
1299		(6" Dia) Duct	LF	357	5%	375	\$ 4.27	\$ 1,600.61	0.192	\$ 40.00	\$ 7.68	\$ 2,878.85	\$ 4,479.46	
1300		(8" Dia) Duct	LF	35	5%	37	\$ 4.55	\$ 167.21	0.247	\$ 40.00	\$ 9.87	\$ 362.72	\$ 529.94	
1301		(10" Dia) Duct	LF	798	5%	838	\$ 3.79	\$ 3,175.98	0.309	\$ 40.00	\$ 12.36	\$ 10,356.44	\$ 13,532.42	
1302		<b>Rectangular</b>												
1303		(14"x12") Duct	LF	161	5%	169	\$ 5.31	\$ 897.39	0.433	\$ 40.00	\$ 17.31	\$ 2,926.26	\$ 3,823.64	
1304		<b>Pipe</b>												
1305		(3/4" Dia) Condensate Drain	LF	98	5%	103	\$ 10.38	\$ 1,068.10	0.160	\$ 40.00	\$ 6.40	\$ 658.56	\$ 1,726.66	
1306		<b>Connection</b>												
1307		(4" Dia) 45D Elbow	EA	7	0%	7	\$ 50.35	\$ 352.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$ 558.53	
1308		(10" Dia) 45D Elbow	EA	7	0%	7	\$ 45.62	\$ 319.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$ 569.94	
1309		(6" Dia) 90D Radius Elbow	EA	35	0%	35	\$ 75.35	\$ 2,637.25	0.736	\$ 40.00	\$ 29.44	\$ 1,030.40	\$ 3,667.65	
1310		(10" Dia) 90D Radius Elbow	EA	28	0%	28	\$ 93.62	\$ 2,621.36	0.895	\$ 40.00	\$ 35.80	\$ 1,002.40	\$ 3,623.76	
1311		(4" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 67.35	\$ 471.45	0.736	\$ 40.00	\$ 29.44	\$ 206.08	\$ 677.53	
1312		(8" Dia) 90D Radius Elbow	EA	7	0%	7	\$ 93.62	\$ 655.34	0.895	\$ 40.00	\$ 35.80	\$ 250.60	\$ 905.94	
1313		(14"x12" To 8") Transition	EA	7	0%	7	\$ 106.08	\$ 742.56	0.550	\$ 40.00	\$ 22.00	\$ 154.00	\$ 896.56	
1314		(14"x12" To 10") Transition	EA	7	0%	7	\$ 102.00	\$ 714.00	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$ 882.00	
1315		(14"x12" To 4") Transition	EA	7	0%	7	\$ 98.15	\$ 687.05	0.600	\$ 40.00	\$ 24.00	\$ 168.00	\$ 855.05	
1316		<b>Unit C3</b>												
1317		<b>HVAC Fixture</b>												
1318		Thermostat	EA	1	0%	1	\$ 110.65	\$ 110.65	0.800	\$ 40.00	\$ 32.00	\$ 32.00	\$ 142.65	
1319		Washable Filter	EA	1	0%	1	\$ 125.65	\$ 125.65	1.450	\$ 40.00	\$ 58.00	\$ 58.00	\$ 183.65	
1320		(4" Dia) Wall Cap	EA	1	0%	1	\$ 55.20	\$ 55.20	0.400	\$ 40.00	\$ 16.00	\$ 16.00	\$ 71.20	
1321		(6" Dia) Wall Cap	EA	3	0%	3	\$ 62.33	\$ 187.00	0.452	\$ 40.00	\$ 18.08	\$ 54.24	\$ 241.24	
1322		(10" Dia) Ceiling Radiation Damper	EA	1	0%	1	\$ 88.65	\$ 88.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$ 122.73	
1323		(16"x14") Ceiling Radiation Damper	EA	1	0%	1	\$ 140.62	\$ 140.62	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$ 174.70	
1324		Washer Vent Box Model: 425	EA	1	0%	1	\$ 98.25	\$ 98.25	1.090	\$ 40.00	\$ 43.60	\$ 43.60	\$ 141.85	
1325		Split System Unit " CU-3" Model: BA15NA036	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$ 1,891.52	
1326		Exhaust Fan " EF-1" Manuf: Panasonic Model: FV-0810VSS1	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$ 279.20	
1327		Exhaust Fan " EF-1A" Manuf: Panasonic Model: FV-0510VSS1	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
1328		(6"x6") Supply Diffuser W CRD "SR-1" Manuf: True Aire Model: 102	EA	5	0%	5	\$ 68.32	\$ 341.60	0.425	\$ 40.00	\$ 17.00	\$ 85.00	\$ 426.60	
1329		(12"x12") Ceiling Diffuser W CRD "CR-1" Manuf: True Aire Model: 104	EA	4	0%	4	\$ 210.32	\$ 841.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$ 977.60	
1330		(14"x14") Transfer Air Grille "TG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 172.32	\$ 172.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$ 206.40	
1331		Fan Coil Unit " FC-3" Manuf/ Model: First CO/37HXX	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$ 1,466.32	
1332		(30"x12") Return Air Grille "RG-1" Manuf: True Aire Model: 290	EA	1	0%	1	\$ 320.78	\$ 320.78	0.425	\$ 40.00	\$ 17.00	\$ 17.00	\$ 337.78	
1333		<b>Duct</b>												
1334		<b>Round</b>												
1335		(6" Dia) Duct	LF	74	5%	78	\$ 4.27	\$ 331.78	0.192	\$ 40.00	\$ 7.68	\$ 596.74	\$ 928.52	
1336		(5" Dia) Duct	LF	23	5%	24	\$ 2.27	\$ 54.88	0.192	\$ 40.00	\$ 7.68	\$ 185.47	\$ 240.35	
1337		(4" Dia) Duct	LF	100	5%	105	\$ 1.56	\$ 163.59	0.148	\$ 40.00	\$ 5.90	\$ 619.92	\$ 783.51	
1338		(10" Dia) Duct	LF	76	5%	80	\$ 3.79	\$ 302.47	0.309	\$ 40.00	\$ 12.36	\$ 986.33	\$ 1,288.80	
1339		(9" Dia) Duct	LF	17	5%	18	\$ 4.79	\$ 85.50	0.309	\$ 40.00	\$ 12.36	\$ 220.63	\$ 306.13	
1340		<b>Rectangular</b>												
1341		(16"x14") Duct	LF	27	5%	28	\$ 8.35	\$ 236.72	0.433	\$ 40.00	\$ 17.31	\$ 490.74	\$ 727.46	
1342		<b>Pipe</b>												
1343		(3/4" Dia) Condensate Drain	LF	14	5%	15	\$ 10.38	\$ 152.59	0.160	\$ 40.00	\$ 6.40	\$ 94.08	\$ 246.67	
1344		<b>Connection</b>												
1345		(6" To 5") Tee	EA	1	0%	1	\$ 42.10	\$ 42.10	0.500	\$ 40.00	\$ 20.00	\$ 20.00	\$ 62.10	
1346		(6" To 4") Tee	EA	1	0%	1	\$ 42.10	\$ 42.10	0.500	\$ 40.00	\$ 20.00	\$ 20.00	\$ 62.10	
1347		(5" To 9") Tee	EA	1	0%	1	\$ 20.22	\$ 20.22	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$ 38.22	
1348		(10" To 4") Tee	EA	1	0%	1	\$ 35.65	\$ 35.65	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$ 53.65	
1349		(6" To 10") Tee	EA	1	0%	1	\$ 15.25	\$ 15.25	0.450	\$ 40.00	\$ 18.00	\$ 18.00	\$ 33.25	
1350		(4" Dia) 45D Elbow	EA	3	0%	3	\$ 50.35	\$ 151.05	0.736	\$ 40.00	\$ 29.44	\$ 88.32	\$ 239.37	
1351		(5" Dia) 45D Elbow	EA	1	0%	1	\$ 55.50	\$ 55.50	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$ 84.94	
1352		(6" Dia) 45D Elbow	EA	1	0%	1	\$ 67.35	\$ 67.35	0.736	\$ 40.00	\$ 29.44	\$ 29.44	\$ 96.79	
1353		(6" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 75.35	\$ 150.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$ 209.58	
1354		(4" Dia) 90D Radius Elbow	EA	4	0%	4	\$ 67.35	\$ 269.40	0.736	\$ 40.00	\$ 29.44	\$ 117.76	\$ 387.16	
1355		(5" Dia) 90D Radius Elbow	EA	3	0%	3	\$ 60.15	\$ 180.45	0.736	\$ 40.00	\$ 29.44	\$ 88.32	\$ 268.77	
1356		(10" Dia) 90D Radius Elbow	EA	5	0%	5	\$ 93.62	\$ 468.10	0.895	\$ 40.00	\$ 35.80	\$ 179.00	\$ 647.10	
1357		(9" Dia) 90D Radius Elbow	EA	2	0%	2	\$ 102.00	\$ 204.00	1.090	\$ 40.00	\$ 43.60	\$ 87.20	\$ 291.20	
1358		(16"x14" To 10") Transition	EA	2	0%	2	\$ 120.18	\$ 240.36	0.800	\$ 40.00	\$ 32.00	\$ 64.00	\$ 304.36	
1359		(16"x14" To 9") Transition	EA	2	0%	2	\$ 125.28	\$ 250.56	0.650	\$ 40.00	\$ 26.00	\$ 52.00	\$ 302.56	
1360		(16"x14" To 4") Transition	EA	1	0%	1	\$ 114.66	\$ 114.66	0.555	\$ 40.00	\$ 22.20	\$ 22.20	\$ 136.86	
1361		<b>Roof</b>												
1362		<b>HVAC Fixture</b>												
1363		4x4 Redwood Sleepers on 6" Wide Slip Sheets	EA	1	0%	1	\$ 150.55	\$ 150.55	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$ 198.55	
1364		Mini Split Heat Pump Wall Mounted "MSCU-1" Model: PUZ-A18NHA	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$ 5,674.56	
1365		Mini Split Heat Pump Wall Mounted "MSCU-2" Model: PUZ-A18NHA3	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$ 1,891.52	

Building Data Summary

Project ID:	Comercial
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Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
1366		Roof Top Unit Manuf: Carrier Model: 50vt-A24	EA	1	0%	1	\$ 8,563.70	\$ 8,563.70	4.450	\$ 40.00	\$ 178.00	\$ 178.00	\$ 8,741.70	
1367		Pipe												
1368		(3/4" Dia) Condensate Drain	LF	43	5%	45	\$ 10.38	\$ 468.66	0.160	\$ 40.00	\$ 6.40	\$ 288.96	\$ 757.62	
1369		Duct												
1370		Rectangular												
1371		(16"x16") Duct	LF	9	5%	9	\$ 8.55	\$ 80.80	0.433	\$ 40.00	\$ 17.31	\$ 163.58	\$ 244.38	
1372		<b>Club House</b>												
1373		<b>First Floor</b>												
1374		Ducts												
1375		Round												
1376		(6" Dia) Duct	LF	55	5%	58	\$ 4.27	\$ 246.59	0.192	\$ 40.00	\$ 7.68	\$ 443.52	\$ 690.11	
1377		(8" Dia) Duct	LF	253	5%	266	\$ 4.55	\$ 1,208.71	0.247	\$ 40.00	\$ 9.87	\$ 2,621.97	\$ 3,830.67	
1378		(9" Dia) Duct	LF	42	5%	44	\$ 4.79	\$ 211.24	0.309	\$ 40.00	\$ 12.36	\$ 545.08	\$ 756.32	
1379		(10" Dia) Duct	LF	170	5%	179	\$ 3.79	\$ 676.59	0.309	\$ 40.00	\$ 12.36	\$ 2,206.26	\$ 2,882.85	
1380		(14" Dia) Duct	LF	10	5%	11	\$ 7.35	\$ 77.18	0.433	\$ 40.00	\$ 17.31	\$ 181.76	\$ 258.93	
1381		(16" Dia) Duct	LF	10	5%	11	\$ 8.55	\$ 89.78	0.433	\$ 40.00	\$ 17.31	\$ 181.76	\$ 271.53	
1382		Rectangular												
1383		(8"x6") Duct	LF	20	5%	21	\$ 6.59	\$ 138.39	0.247	\$ 40.00	\$ 9.87	\$ 207.27	\$ 345.66	
1384		(10"x10") Duct	LF	31	5%	33	\$ 10.46	\$ 340.47	0.250	\$ 40.00	\$ 10.00	\$ 325.50	\$ 665.97	
1385		(12"x10") Duct	LF	38	5%	40	\$ 10.71	\$ 427.33	0.350	\$ 40.00	\$ 14.00	\$ 558.60	\$ 985.93	
1386		(12"x12") Duct	LF	55	5%	58	\$ 11.53	\$ 665.86	0.310	\$ 40.00	\$ 12.40	\$ 716.10	\$ 1,381.96	
1387		(14"x12") Duct	LF	73	5%	77	\$ 7.31	\$ 406.94	0.433	\$ 40.00	\$ 17.31	\$ 1,326.81	\$ 1,737.70	
1388		(14"x14") Duct	LF	25	5%	26	\$ 5.35	\$ 192.89	0.433	\$ 40.00	\$ 17.31	\$ 454.39	\$ 647.33	
1389		(16"x12") Duct	LF	17	5%	18	\$ 12.85	\$ 229.37	0.310	\$ 40.00	\$ 12.40	\$ 221.34	\$ 450.71	
1390		(16"x14") Duct	LF	10	5%	11	\$ 8.35	\$ 87.68	0.433	\$ 40.00	\$ 17.31	\$ 181.76	\$ 269.43	
1391		(16"x16") Duct	LF	13	5%	14	\$ 8.55	\$ 116.71	0.433	\$ 40.00	\$ 17.31	\$ 236.28	\$ 352.99	
1392		(18"x12") Duct	LF	31	5%	33	\$ 12.20	\$ 397.11	0.330	\$ 40.00	\$ 13.20	\$ 429.66	\$ 826.77	
1393		(18"x14") Duct	LF	5	5%	5	\$ 12.10	\$ 63.53	0.325	\$ 40.00	\$ 13.00	\$ 68.25	\$ 131.78	
1394		(18"x6") Duct	LF	36	5%	38	\$ 11.25	\$ 425.25	0.300	\$ 40.00	\$ 12.00	\$ 453.60	\$ 878.85	
1395		(20"x16") Duct	LF	33	5%	35	\$ 13.10	\$ 453.92	0.285	\$ 40.00	\$ 11.40	\$ 395.01	\$ 848.93	
1396		(22"x10") Duct	LF	5	5%	5	\$ 15.10	\$ 79.28	0.380	\$ 40.00	\$ 15.20	\$ 79.80	\$ 159.08	
1397		(22"x12") Duct	LF	22	5%	23	\$ 14.20	\$ 328.02	0.365	\$ 40.00	\$ 14.60	\$ 337.26	\$ 665.28	
1398		(22"x14") Duct	LF	11	5%	12	\$ 16.38	\$ 189.19	0.375	\$ 40.00	\$ 15.00	\$ 173.25	\$ 362.44	
1399		(26"x14") Duct	LF	67	5%	70	\$ 17.65	\$ 1,241.68	0.300	\$ 40.00	\$ 12.00	\$ 844.20	\$ 2,085.88	
1400		(8"x10") Duct	LF	11	5%	12	\$ 8.65	\$ 99.91	0.245	\$ 40.00	\$ 9.80	\$ 113.19	\$ 213.10	
1401		Pipe												
1402		(3/4" Dia) Condensate Drain Pipe	LF	324	5%	340	\$ 10.38	\$ 3,531.28	0.160	\$ 40.00	\$ 6.40	\$ 2,177.28	\$ 5,708.56	
1403		Connections												
1404		(9" to 8" Dia) Tee	EA	1	0%	1	\$ 25.22	\$ 25.22	0.100	\$ 40.00	\$ 4.00	\$ 4.00	\$ 29.22	
1405		(10" to 8" Dia) Tee	EA	1	0%	1	\$ 32.65	\$ 32.65	0.110	\$ 40.00	\$ 4.40	\$ 4.40	\$ 37.05	
1406		(8"x10" to 6" Dia) Tee	EA	1	0%	1	\$ 40.26	\$ 40.26	0.120	\$ 40.00	\$ 4.80	\$ 4.80	\$ 45.06	
1407		(8"x10" to 8" Dia) Tee	EA	1	0%	1	\$ 45.66	\$ 45.66	0.210	\$ 40.00	\$ 8.40	\$ 8.40	\$ 54.06	
1408		(12"x10" to 8" Dia) Tee	EA	3	0%	3	\$ 50.32	\$ 150.96	0.110	\$ 40.00	\$ 4.40	\$ 13.20	\$ 164.16	
1409		(9" to 8" Dia) Reducer	EA	1	0%	1	\$ 25.22	\$ 25.22	0.115	\$ 40.00	\$ 4.60	\$ 4.60	\$ 29.82	
1410		(10" to 8" Dia) Reducer	EA	1	0%	1	\$ 32.65	\$ 32.65	0.090	\$ 40.00	\$ 3.60	\$ 3.60	\$ 36.25	
1411		(12"x12" to 8" Dia) Tee	EA	1	0%	1	\$ 28.25	\$ 28.25	0.070	\$ 40.00	\$ 2.80	\$ 2.80	\$ 31.05	
1412		(14"x12" to 8" Dia) Tee	EA	1	0%	1	\$ 30.53	\$ 30.53	0.065	\$ 40.00	\$ 2.60	\$ 2.60	\$ 33.13	
1413		(12"x12" to 10" Dia) Tee	EA	3	0%	3	\$ 25.32	\$ 75.96	0.100	\$ 40.00	\$ 4.00	\$ 12.00	\$ 87.96	
1414		(16"x12" to 10" Dia) Tee	EA	2	0%	2	\$ 28.65	\$ 57.30	0.100	\$ 40.00	\$ 4.00	\$ 8.00	\$ 65.30	
1415		(20"x16" to 18"x6") Tee	EA	1	0%	1	\$ 25.10	\$ 25.10	0.110	\$ 40.00	\$ 4.40	\$ 4.40	\$ 29.50	
1416		(12"x10" to 16"x16") Tee	EA	1	0%	1	\$ 30.85	\$ 30.85	0.125	\$ 40.00	\$ 5.00	\$ 5.00	\$ 35.85	
1417		(14"x12" to 10" Dia) Tee	EA	4	0%	4	\$ 38.40	\$ 153.60	0.110	\$ 40.00	\$ 4.40	\$ 17.60	\$ 171.20	
1418		(16"x14" to 20"x16") Tee	EA	1	0%	1	\$ 67.35	\$ 67.35	0.105	\$ 40.00	\$ 4.20	\$ 4.20	\$ 71.55	
1419		(26"x14" to 10" Dia) Tee	EA	1	0%	1	\$ 75.65	\$ 75.65	0.103	\$ 40.00	\$ 4.12	\$ 4.12	\$ 79.77	
1420		(16"x16" to 14"x12") Tee	EA	1	0%	1	\$ 80.56	\$ 80.56	0.200	\$ 40.00	\$ 8.00	\$ 8.00	\$ 88.56	
1421		(10"x10" to 10" Dia) Tee	EA	1	0%	1	\$ 30.85	\$ 30.85	0.150	\$ 40.00	\$ 6.00	\$ 6.00	\$ 36.85	
1422		(20"x16" to 18"x6") Tee	EA	1	0%	1	\$ 40.80	\$ 40.80	0.110	\$ 40.00	\$ 4.40	\$ 4.40	\$ 45.20	
1423		(8" x 8" to 6" Dia) Y Tee	EA	1	0%	1	\$ 25.56	\$ 25.56	0.090	\$ 40.00	\$ 3.60	\$ 3.60	\$ 29.16	
1424		(14"x12" to 12"x12") Reducer	EA	1	0%	1	\$ 56.10	\$ 56.10	0.080	\$ 40.00	\$ 3.20	\$ 3.20	\$ 59.30	
1425		(14"x14" to 14"x12") Reducer	EA	1	0%	1	\$ 60.52	\$ 60.52	0.110	\$ 40.00	\$ 4.40	\$ 4.40	\$ 64.92	
1426		(14"x12" to 10"x10") Reducer	EA	1	0%	1	\$ 56.10	\$ 56.10	0.125	\$ 40.00	\$ 5.00	\$ 5.00	\$ 61.10	
1427		(14"x14" to 8"x10") Reducer	EA	1	0%	1	\$ 60.52	\$ 60.52	0.150	\$ 40.00	\$ 6.00	\$ 6.00	\$ 66.52	
1428		(14"x12" to 12"x10") Reducer	EA	1	0%	1	\$ 56.10	\$ 56.10	0.142	\$ 40.00	\$ 5.68	\$ 5.68	\$ 61.78	
1429		(16"x16" to 10"x10") Reducer	EA	1	0%	1	\$ 30.55	\$ 30.55	0.140	\$ 40.00	\$ 5.60	\$ 5.60	\$ 36.15	
1430		(16"x14" to 14"x12") Reducer	EA	1	0%	1	\$ 55.20	\$ 55.20	0.170	\$ 40.00	\$ 6.80	\$ 6.80	\$ 62.00	
1431		(18"x12" to 12"x12") Reducer	EA	1	0%	1	\$ 40.22	\$ 40.22	0.200	\$ 40.00	\$ 8.00	\$ 8.00	\$ 48.22	
1432		(20"x16" to 18"x12") Reducer	EA	1	0%	1	\$ 67.35	\$ 67.35	0.110	\$ 40.00	\$ 4.40	\$ 4.40	\$ 71.75	
1433		(22"x12" to 16"x12") Reducer	EA	1	0%	1	\$ 70.10	\$ 70.10	0.152	\$ 40.00	\$ 6.08	\$ 6.08	\$ 76.18	
1434		(22"x14" to 12"x14") Reducer	EA	1	0%	1	\$ 75.22	\$ 75.22	0.145	\$ 40.00	\$ 5.80	\$ 5.80	\$ 81.02	
1435		(22"x14" to 18"x6") Reducer	EA	1	0%	1	\$ 75.80	\$ 75.80	0.156	\$ 40.00	\$ 6.24	\$ 6.24	\$ 82.04	
1436		(26"x14" to 12"x12") Reducer	EA	1	0%	1	\$ 80.10	\$ 80.10	0.200	\$ 40.00	\$ 8.00	\$ 8.00	\$ 88.10	
1437		(26"x14" to 18"x14") Reducer	EA	1	0%	1	\$ 85.36	\$ 85.36	0.180	\$ 40.00	\$ 7.20	\$ 7.20	\$ 92.56	
1438		(20"x16" to 9" Dia) Reducer	EA	1	0%	1	\$ 32.56	\$ 32.56	0.174	\$ 40.00	\$ 6.96	\$ 6.96	\$ 39.52	
1439		(12"x12" to 8" Dia) Reducer	EA	1	0%	1	\$ 25.65	\$ 25.65	0.145	\$ 40.00	\$ 5.80	\$ 5.80	\$ 31.45	
1440		(12"x12" to 10"x10") 45D Tap	EA	1	0%	1	\$ 25.28	\$ 25.28	0.156	\$ 40.00	\$ 6.24	\$ 6.24	\$ 31.52	
1441		(12"x12" to 18"x6") 45D Tap	EA	2	0%	2	\$ 33.75	\$ 67.50	0.146	\$ 40.00	\$ 5.84	\$ 11.68	\$ 79.18	
1442		(14"x12" to 10"x10") 45D Tap	EA	1	0%	1	\$ 35.66	\$ 35.66	0.123	\$ 40.00	\$ 4.92	\$ 4.92	\$ 40.58	
1443		(16"x12" to 18"x6") 45D Tap	EA	2	0%	2	\$ 40.56	\$ 81.12	0.189	\$ 40.00	\$ 7.56	\$ 15.12	\$ 96.24	
1444		(18"x12" to 18"x6") 45D Tap	EA	2	0%	2	\$ 43.89	\$ 87.78	0.147	\$ 40.00	\$ 5.88	\$ 11.76	\$ 99.54	
1445		(22"x14" to 14"x14") 45D Tap	EA	1	0%	1	\$ 45.28	\$ 45.28	0.110	\$ 40.00	\$ 4.40	\$ 4.40	\$ 49.68	
1446		(22"x14" to 18"x6") 45D Tap	EA	1	0%									

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
1473		(10"x10") Duct Cap	EA	1	0%	1	\$ 25.16	\$ 25	0.180	\$ 40.00	\$ 7.20	\$ 7	\$ 32	
1474		(30"x12") Wall Louver	EA	1	0%	1	\$ 70.32	\$ 70	0.200	\$ 40.00	\$ 8.00	\$ 8	\$ 78	
1475		(36"x12") Wall Louver	EA	3	0%	3	\$ 80.68	\$ 242	0.165	\$ 40.00	\$ 6.60	\$ 20	\$ 262	
1476		(24"x12") Wall Louver	EA	1	0%	1	\$ 90.85	\$ 91	0.145	\$ 40.00	\$ 5.80	\$ 6	\$ 97	
1477		(12"x12") Wall Louver	EA	3	0%	3	\$ 40.58	\$ 122	0.168	\$ 40.00	\$ 6.72	\$ 20	\$ 142	
1478		(8" Dia) Balancing Damper	EA	9	0%	9	\$ 69.32	\$ 623.88	0.485	\$ 40.00	\$ 19.40	\$ 174.60	\$ 798.48	
1479		(9" Dia) Balancing Damper	EA	2	0%	2	\$ 90.32	\$ 180.64	0.365	\$ 40.00	\$ 14.60	\$ 29.20	\$ 209.84	
1480		(6" Dia) Balancing Damper	EA	7	0%	7	\$ 62.33	\$ 436.32	0.452	\$ 40.00	\$ 18.08	\$ 126.56	\$ 562.88	
1481		(10" Dia) Balancing Damper	EA	11	0%	11	\$ 88.65	\$ 975.15	0.852	\$ 40.00	\$ 34.08	\$ 374.88	\$ 1,350.03	
1482		(24"x24") Combustion Louver	EA	2	0%	2	\$ 80.55	\$ 161.10	0.400	\$ 40.00	\$ 16.00	\$ 32.00	\$ 193.10	
1483		(28"x28") Supply Register "SR-2" Manuf: Price Model: 520D	EA	3	0%	3	\$ 210.52	\$ 631.56	1.200	\$ 40.00	\$ 48.00	\$ 144.00	\$ 775.56	
1484		(24"x24") Ceiling Diffuser "CD-3" Manuf: Price Model: SMD	EA	15	0%	15	\$ 165.32	\$ 2,479.80	0.852	\$ 40.00	\$ 34.08	\$ 511.20	\$ 2,991.00	
1485		(24"x24") Return Register "RR-2" Manuf: Price Model: 530	EA	11	0%	11	\$ 165.32	\$ 1,818.52	0.852	\$ 40.00	\$ 34.08	\$ 374.88	\$ 2,193.40	
1486		(32"x26") Return Register "RR-1" Manuf: Price Model: 530	EA	2	0%	2	\$ 172.32	\$ 344.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 412.80	
1487		(32"x20") Return Register "RR-1" Manuf: Price Model: 530	EA	2	0%	2	\$ 210.32	\$ 420.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 488.80	
1488		(15"x15") Ceiling Air Diffuser "CD-2" Manuf: Price Model: SMD	EA	2	0%	2	\$ 240.65	\$ 481.30	0.720	\$ 40.00	\$ 28.80	\$ 57.60	\$ 538.90	
1489		(20"x8") Supply Register "SR-2" Manuf: Price Model: 520D	EA	10	0%	10	\$ 155.32	\$ 1,553.20	0.852	\$ 40.00	\$ 34.08	\$ 340.80	\$ 1,894.00	
1490		(6"x6") Ceiling Diffuser "CD-2" Manuf: Price Model: SMD	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$ 170.64	
1491		(18"x18") Return Register "RR-1" Manuf: Price Model: 530	EA	1	0%	1	\$ 172.32	\$ 172.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$ 206.40	
1492		(12"x12") Ceiling Diffuser "CD-2" Manuf: Price Model: SMD	EA	1	0%	1	\$ 210.32	\$ 210.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$ 244.40	
1493		(24"x12") Supply Register "SR-2" Manuf: Price Model: 520D	EA	2	0%	2	\$ 155.32	\$ 310.64	0.852	\$ 40.00	\$ 34.08	\$ 68.16	\$ 378.80	
1494		(10"x8") Supply Register "SR-2" Manuf: Price Model: 520D	EA	3	0%	3	\$ 68.32	\$ 204.96	0.425	\$ 40.00	\$ 17.00	\$ 51.00	\$ 255.96	
1495		Exhaust Fan "EF-2" MAnuf: Greenheck Model: SP-A90	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$ 558.40	
1496		Split Heat Pump "FC-A" Manuf: Bryant Model: FX4DNF019	EA	1	0%	1	\$ 1,732.32	\$ 1,732.32	3.980	\$ 40.00	\$ 159.20	\$ 159.20	\$ 1,891.52	
1497		Split Heat Pump "FC-C" Manuf: Bryant Model: FX4DNF061	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$ 5,674.56	
1498		Exhaust Fan "EF-3" MAnuf: Greenheck Model: SP-A250	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$ 279.20	
1499		Exhaust Fan "EF-4" MAnuf: Greenheck Model: SP-A390	EA	1	0%	1	\$ 231.20	\$ 231.20	1.200	\$ 40.00	\$ 48.00	\$ 48.00	\$ 279.20	
1500		Split Heat Pump "FC-B" Manuf: Bryant Model: FX4DNF049	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$ 5,674.56	
1501		Mini Split Wall Mounted "MSFC-1" Model: PKA-A18HA	EA	1	0%	1	\$ 1,368.32	\$ 1,368.32	2.450	\$ 40.00	\$ 98.00	\$ 98.00	\$ 1,466.32	
1502														
1503														
1504														
1505		<b>Duct</b>												
1506		<b>Round</b>												
1505		(6" Dia) Duct	LF	23	5%	24	\$ 4.27	\$ 103.12	0.192	\$ 40.00	\$ 7.68	\$ 185.47	\$ 288.59	
1506		(8" Dia) Duct	LF	62	5%	65	\$ 4.55	\$ 296.21	0.247	\$ 40.00	\$ 9.87	\$ 642.54	\$ 938.74	
1507		(10" Dia) Duct	LF	203	5%	213	\$ 3.79	\$ 807.92	0.309	\$ 40.00	\$ 12.36	\$ 2,634.53	\$ 3,442.46	
1508		(14" Dia) Duct	LF	16	5%	17	\$ 7.35	\$ 123.48	0.433	\$ 40.00	\$ 17.31	\$ 290.81	\$ 414.29	
1509		<b>Rectangular</b>												
1510		(12"x10") Duct	LF	38	5%	40	\$ 10.71	\$ 427.33	0.350	\$ 40.00	\$ 14.00	\$ 558.60	\$ 985.93	
1511		(12"x12") Duct	LF	27	5%	28	\$ 11.53	\$ 326.88	0.310	\$ 40.00	\$ 12.40	\$ 351.54	\$ 678.42	
1512		(12"x6") Duct	LF	8	5%	8	\$ 8.55	\$ 71.82	0.433	\$ 40.00	\$ 17.31	\$ 145.40	\$ 217.22	
1513		(14"x12") Duct	LF	21	5%	22	\$ 5.31	\$ 117.05	0.433	\$ 40.00	\$ 17.31	\$ 381.69	\$ 498.74	
1514		(14"x14") Duct	LF	33	5%	35	\$ 7.35	\$ 254.68	0.433	\$ 40.00	\$ 17.31	\$ 599.79	\$ 854.47	
1515		(14"x6") Duct	LF	10	5%	11	\$ 10.55	\$ 110.78	0.433	\$ 40.00	\$ 17.31	\$ 181.76	\$ 292.53	
1516		(14"x8") Duct	LF	12	5%	13	\$ 9.20	\$ 115.92	0.433	\$ 40.00	\$ 17.31	\$ 218.11	\$ 334.03	
1517		(16"x12") Duct	LF	16	5%	17	\$ 12.85	\$ 215.88	0.310	\$ 40.00	\$ 12.40	\$ 208.32	\$ 424.20	
1518		(16"x14") Duct	LF	6	5%	6	\$ 8.35	\$ 52.61	0.433	\$ 40.00	\$ 17.31	\$ 109.05	\$ 161.66	
1519		(16"x16") Duct	LF	65	5%	68	\$ 8.55	\$ 583.54	0.433	\$ 40.00	\$ 17.31	\$ 1,181.41	\$ 1,764.95	
1520		(18"x18") Duct	LF	7	5%	7	\$ 10.32	\$ 75.85	0.325	\$ 40.00	\$ 13.00	\$ 95.55	\$ 171.40	
1521		(18"x8") Duct	LF	26	5%	27	\$ 8.38	\$ 228.77	0.310	\$ 40.00	\$ 12.40	\$ 338.52	\$ 567.29	
1522		(20"x9") Duct	LF	32	5%	34	\$ 10.32	\$ 346.75	0.247	\$ 40.00	\$ 9.87	\$ 331.63	\$ 678.38	
1523		<b>Pipe</b>												
1524		3/4" Dia Condensate Drain Pipe	LF	40	5%	42	\$ 10.38	\$ 435.96	0.160	\$ 40.00	\$ 6.40	\$ 268.80	\$ 704.76	
1525		<b>Connection</b>												
1526		(16"x16" to 8" Dia) Tee	EA	5	0%	5	\$ 32.65	\$ 163.25	0.110	\$ 40.00	\$ 4.40	\$ 22.00	\$ 185.25	
1527		(14"x12" to 8" Dia) Tee	EA	2	0%	2	\$ 25.10	\$ 50.20	0.125	\$ 40.00	\$ 5.00	\$ 10.00	\$ 60.20	
1528		(12"x12" to 10" Dia) Tee	EA	6	0%	6	\$ 15.32	\$ 91.92	0.105	\$ 40.00	\$ 4.20	\$ 25.20	\$ 117.12	
1529		(14"x12" to 10" Dia) Tee	EA	2	0%	2	\$ 18.56	\$ 37.12	0.120	\$ 40.00	\$ 4.80	\$ 9.60	\$ 46.72	
1530		(16"x16" to 6" Dia) Tee	EA	1	0%	1	\$ 25.58	\$ 25.58	0.160	\$ 40.00	\$ 6.40	\$ 6.40	\$ 31.98	
1531		(14"x14" to 10" Dia) Tee	EA	4	0%	4	\$ 23.56	\$ 94.24	0.175	\$ 40.00	\$ 7.00	\$ 28.00	\$ 122.24	
1532		(10"x12" to 10" Dia) Tee	EA	2	0%	2	\$ 35.10	\$ 70.20	0.110	\$ 40.00	\$ 4.40	\$ 8.80	\$ 79.00	
1533		(16"x16" to 10" Dia) Tee	EA	3	0%	3	\$ 38.60	\$ 115.80	0.100	\$ 40.00	\$ 4.00	\$ 12.00	\$ 127.80	
1534		(16"x16" to 14" Dia) Tee	EA	1	0%	1	\$ 40.65	\$ 40.65	0.105	\$ 40.00	\$ 4.20	\$ 4.20	\$ 44.85	
1535		(18"x18" to 10" Dia) Tee	EA	2	0%	2	\$ 42.89	\$ 85.78	0.100	\$ 40.00	\$ 4.00	\$ 8.00	\$ 93.78	
1536		(18"x18" to 14" Dia) Tee	EA	1	0%	1	\$ 45.60	\$ 45.60	0.105	\$ 40.00	\$ 4.20	\$ 4.20	\$ 49.80	
1537		(8" x to 6" to 6" Dia) Y Tee	EA	1	0%	1	\$ 25.60	\$ 25.60	0.110	\$ 40.00	\$ 4.40	\$ 4.40	\$ 30.00	
1538		(18"x8" to 12"x8") Reducer	EA	2	0%	2	\$ 42.84	\$ 85.68	0.115	\$ 40.00	\$ 4.60	\$ 9.20	\$ 94.88	
1539		(20"x9" to 18"x8") Reducer	EA	2	0%	2	\$ 48.62	\$ 97.24	0.100	\$ 40.00	\$ 4.00	\$ 8.00	\$ 105.24	
1540		(20"x9" to 14"x8") Reducer	EA	1	0%	1	\$ 48.60	\$ 48.60	0.130	\$ 40.00	\$ 5.20	\$ 5.20	\$ 53.80	
1541		(16"x18" to 14"x14") Reducer	EA	1	0%	1	\$ 55.10	\$ 55.10	0.150	\$ 40.00	\$ 6.00	\$ 6.00	\$ 61.10	
1542		(16"x16" to 10"x12") Reducer	EA	1	0%	1	\$ 60.20	\$ 60.20	0.145	\$ 40.00	\$ 5.80	\$ 5.80	\$ 66.00	
1543		(16"x16" to 14"x12") Reducer	EA	2	0%	2	\$ 65.58	\$ 131.16	0.175	\$ 40.00	\$ 7.00	\$ 14.00	\$ 145.16	

Building Data Summary

Project ID:	Comercial
Location:	*****
Scope of Work:	DIVISION 25- HVAC/MECHANICAL
Date:	Oct 26, 2024



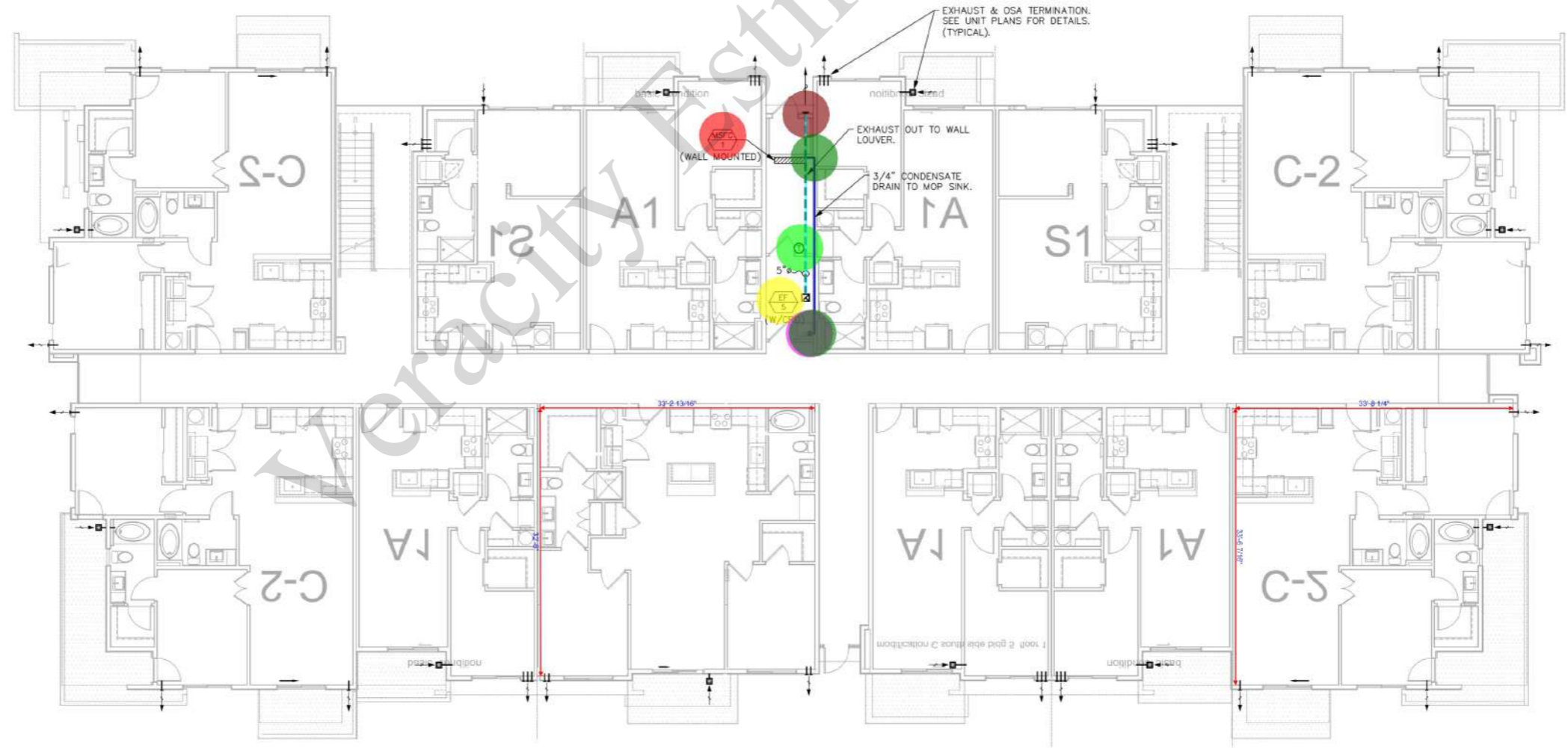
Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
1544		(14"x12" to 12"x12") Reducer	EA	2	0%	2	\$ 45.60	\$ 91.20	0.165	\$ 40.00	\$ 6.60	\$ 13.20	\$	104.40
1545		(16"x16" to 12"x6") Reducer	EA	1	0%	1	\$ 48.90	\$ 48.90	0.155	\$ 40.00	\$ 6.20	\$ 6.20	\$	55.10
1546		(12"x10" to 14"x6") Reducer	EA	2	0%	2	\$ 30.25	\$ 60.50	0.145	\$ 40.00	\$ 5.80	\$ 11.60	\$	72.10
1547		(16"x16" to 12"x6") 45D Tap	EA	1	0%	1	\$ 55.10	\$ 55.10	0.178	\$ 40.00	\$ 7.12	\$ 7.12	\$	62.22
1548		(16"x14" to 12"x6") 45D Tap	EA	1	0%	1	\$ 45.80	\$ 45.80	0.146	\$ 40.00	\$ 5.84	\$ 5.84	\$	51.64
1549		(14"x6") Elbow W/ Turning Vanes	EA	1	0%	1	\$ 35.60	\$ 35.60	0.150	\$ 40.00	\$ 6.00	\$ 6.00	\$	41.60
1550		(14"x14") Elbow W/ Turning Vanes	EA	1	0%	1	\$ 40.89	\$ 40.89	0.160	\$ 40.00	\$ 6.40	\$ 6.40	\$	47.29
1551		(14"x14") 45D Elbow W/ Turning Vanes	EA	1	0%	1	\$ 45.87	\$ 45.87	0.160	\$ 40.00	\$ 6.40	\$ 6.40	\$	52.27
1552		<b>HVAC Fixtures</b>												
1553		Thermostat	EA	6	0%	6	\$ 110.65	\$ 663.90	0.800	\$ 40.00	\$ 32.00	\$ 192.00	\$	855.90
1554		(14"x8") Duct Cap	EA	1	0%	1	\$ 20.22	\$ 20.22	0.150	\$ 40.00	\$ 6.00	\$ 6.00	\$	26.22
1555		(12"x8") Duct Cap	EA	2	0%	2	\$ 35.35	\$ 70.70	0.300	\$ 40.00	\$ 12.00	\$ 24.00	\$	94.70
1556		(16"x12") Duct Cap	EA	2	0%	2	\$ 20.32	\$ 41	0.150	\$ 40.00	\$ 6.00	\$ 12	\$	53
1557		(16"x14") Duct Cap	EA	1	0%	1	\$ 25.32	\$ 25	0.180	\$ 40.00	\$ 7.20	\$ 7	\$	33
1558		(14"x14") Duct Cap	EA	1	0%	1	\$ 28.66	\$ 29	0.210	\$ 40.00	\$ 8.40	\$ 8	\$	37
1559		(10"x12") Duct Cap	EA	1	0%	1	\$ 28.10	\$ 28	0.156	\$ 40.00	\$ 6.24	\$ 6	\$	34
1560		(12"x12") Duct Cap	EA	2	0%	2	\$ 25.35	\$ 50.70	0.736	\$ 40.00	\$ 29.44	\$ 58.88	\$	109.58
1561		(8" Dia) Balancing Damper	EA	4	0%	4	\$ 69.32	\$ 277.28	0.485	\$ 40.00	\$ 19.40	\$ 77.60	\$	354.88
1562		(10" Dia) Balancing Damper	EA	21	0%	21	\$ 88.65	\$ 1,861.65	0.852	\$ 40.00	\$ 34.08	\$ 715.68	\$	2,577.33
1563		(14" Dia) Balancing Damper	EA	1	0%	1	\$ 106.85	\$ 106.85	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	140.93
1564		(15"x15") Ceiling Air Diffuser "CD-2" Manuf: Price Model: SMD	EA	8	0%	8	\$ 240.65	\$ 1,925.20	0.720	\$ 40.00	\$ 28.80	\$ 230.40	\$	2,155.60
1565		(16"x8") Supply Register "SR-2" Manuf: Price Model: 520D	EA	4	0%	4	\$ 155.32	\$ 621.28	0.852	\$ 40.00	\$ 34.08	\$ 136.32	\$	757.60
1566		(26"x12") Transfer Grille "TG-2" Manuf: Price Model: 530	EA	3	0%	3	\$ 172.65	\$ 517.95	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	620.19
1567		(26"x12") Return Register "RR-1" Manuf: Price Model: 530	EA	1	0%	1	\$ 172.65	\$ 172.65	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	206.73
1568		(6"x6") Ceiling Diffuser "CD-2" Manuf: Price Model: SMD	EA	2	0%	2	\$ 68.32	\$ 136.64	0.425	\$ 40.00	\$ 17.00	\$ 34.00	\$	170.64
1569		(12"x12") Ceiling Diffuser "CD-2" Manuf: Price Model: SMD	EA	1	0%	1	\$ 210.32	\$ 210.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	244.40
1570		(24"x24") Ceiling Diffuser "CD-3" Manuf: Price Model: SMD	EA	21	0%	21	\$ 165.32	\$ 3,471.72	0.852	\$ 40.00	\$ 34.08	\$ 715.68	\$	4,187.40
1571		(32"x26") Return Register "RR-1" Manuf: Price Model: 530	EA	3	0%	3	\$ 172.32	\$ 516.96	0.852	\$ 40.00	\$ 34.08	\$ 102.24	\$	619.20
1572		Exhaust Fan "EF-2" Manuf: Greenheck Model: SP-A90	EA	2	0%	2	\$ 231.20	\$ 462.40	1.200	\$ 40.00	\$ 48.00	\$ 96.00	\$	558.40
1573		Split Heat Pump "FC-C" Manuf: Bryant Model: FX4DNF061	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$	5,674.56
1574		Split Heat Pump "FC-B" Manuf: Bryant Model: FX4DNF049	EA	3	0%	3	\$ 1,732.32	\$ 5,196.96	3.980	\$ 40.00	\$ 159.20	\$ 477.60	\$	5,674.56
1575		<b>Roof</b>												
1576		<b>Duct</b>												
1577		(14"x12") Duct	LF	5	5%	5	\$ 5.31	\$ 27.87	0.433	\$ 40.00	\$ 17.31	\$ 90.88	\$	118.75
1578		(14"x14") Duct	LF	5	5%	5	\$ 7.35	\$ 38.59	0.433	\$ 40.00	\$ 17.31	\$ 90.88	\$	129.47
1579		<b>Pipe</b>												
1580		3/4" Dia Condensate Drain Pipe	LF	10	5%	11	\$ 10.38	\$ 108.99	0.160	\$ 40.00	\$ 6.40	\$ 67.20	\$	176.19
1581		<b>HVAC Fixtures</b>												
1582		Roof Top Unit Manuf: Carrier Model: 50vt-A24	EA	1	0%	1	\$ 8,563.70	\$ 8,563.70	4.450	\$ 40.00	\$ 178.00	\$ 178.00	\$	8,741.70
1583		(20"x20") Return Register "RR-1" Manuf: Price Model: 530	EA	1	0%	1	\$ 240.65	\$ 240.65	0.720	\$ 40.00	\$ 28.80	\$ 28.80	\$	269.45
1584		(18"x18") Supply Register "SR-2" Manuf: Price Model: 520D	EA	1	0%	1	\$ 172.32	\$ 172.32	0.852	\$ 40.00	\$ 34.08	\$ 34.08	\$	206.40
1585		<b>Subtotal (HVAC/Mechanical)</b>					\$ 976,881				\$ 421,814		\$	1,398,695

	<b>PROJECTED COST</b>	\$ 1,454,095
	INSURANCE	3%
	CONTINGENCY	5%
	OVERHEAD AND PROFIT	15%
	TAX	7.25%
	<b>SUGGESTED BID</b>	\$ 1,893,959

**Note:**  
 1. Please verify the equipment's and their prices with owner.  
 2. Online sources are used for pricing.  
 3. Prices can vary depending upon field conditions.

- MSFC ( Wall Mounted )
- Thermostat
- EF-5 ( W/CRD)
- └─ (3/4" Dia) Condensate Drain
- 3/4" CD Down
- └─ (5" Dia) Exhaust Round Duct
- (5" Dia) Wall Cap
- (3/4" Dia) 90D Bend

- 1.0 EA ●
- 1.0 EA ●
- 1.0 EA ●
- 23.2 FT ■
- 1.0 EA ●
- 21.8 FT ■
- 1.0 EA ●
- 2.0 EA ●



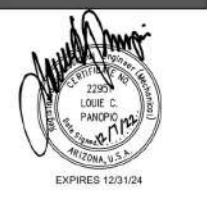
**FIRST FLOOR MECHANICAL PLAN**  
**BUILDING TYPE 1**

SCALE: 1/8" = 1'-0"

ISSUE		
DATE	REV	FOR

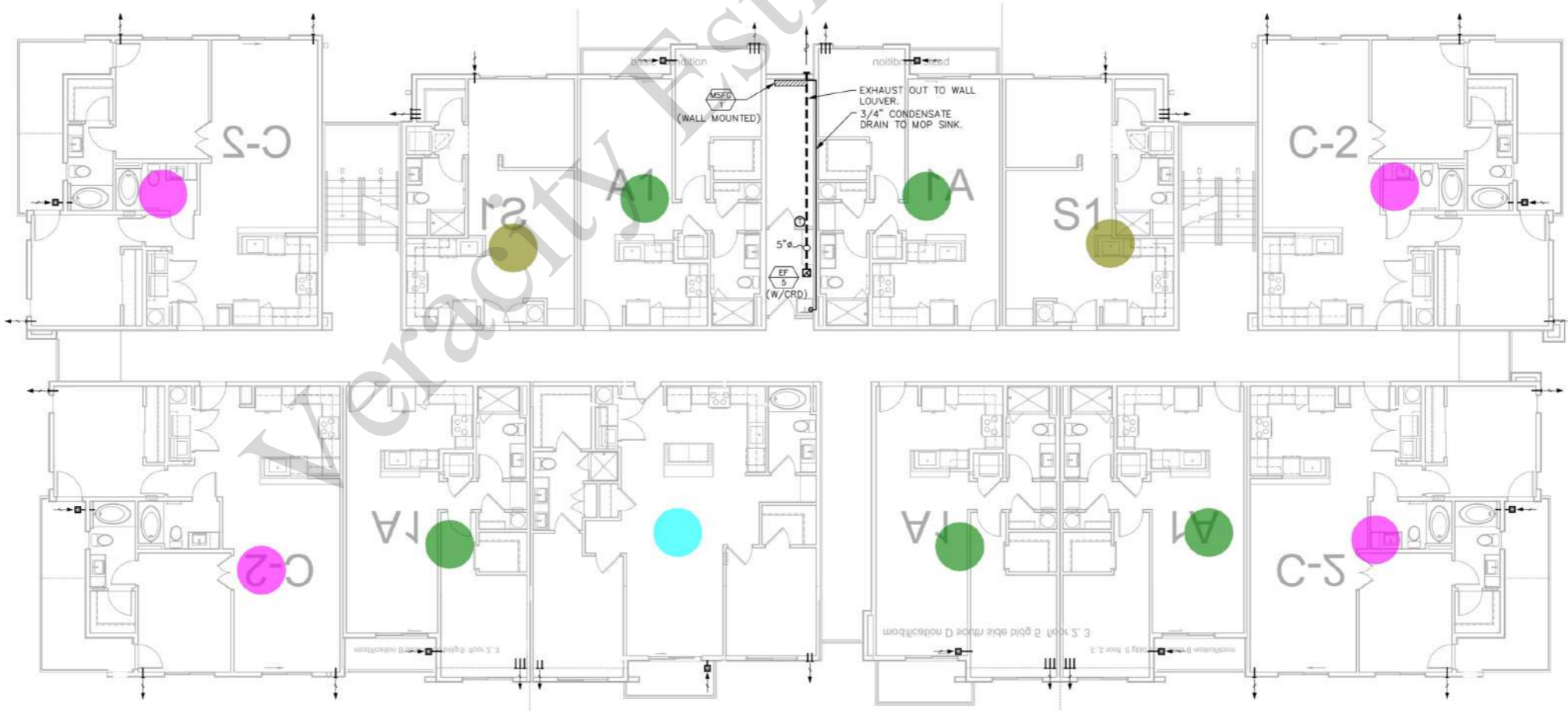
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Job Number	1623
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Sheet	

**M1.1.1**



MULTI-FAMILY PROJECT  
**UPTOWN COMMONS**  
BY MEYER DEVELOPMENT  
NEC ARIZONA AVENUE, AND ELLIOT ROAD  
CHANDLER, AZ 85225

	C2	4.0 EA	
	C4	1.0 EA	
	A1	5.0 EA	
	S1	2.0 EA	



**SECOND FLOOR MECHANICAL PLAN**  
**BUILDING 1** SCALE: 1/8" = 1'-0"

ISSUE		
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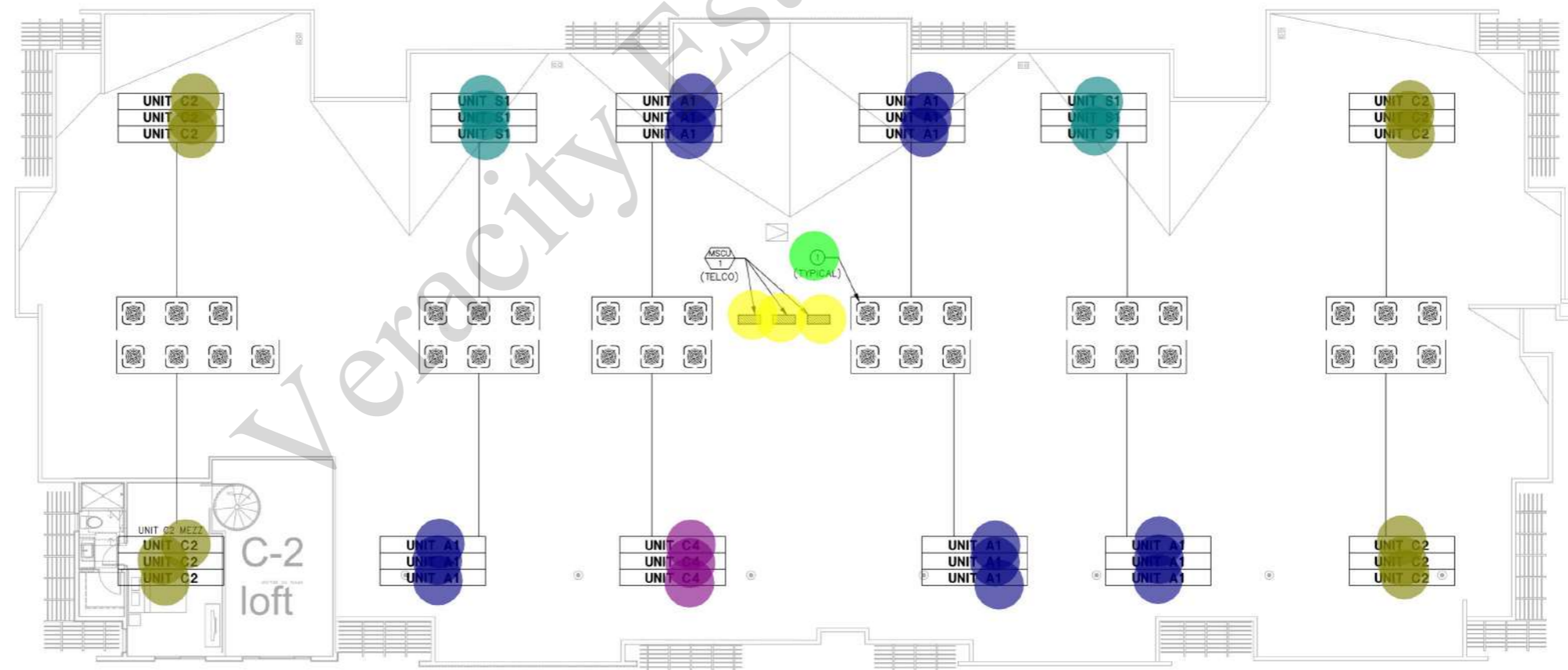
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Sheet	

**M1.1.2**

- Unit C2
  - Unit A1
  - UNIT C4
  - UNIT S1
  - 4x4 Redwood Sleepers on 6" Wide Slip Sheets
  - MSCU-1 ( Telco)
- 12.0 EA
  - 15.0 EA
  - 3.0 EA
  - 6.0 EA
  - 1.0 EA
  - 3.0 EA

**KEYED NOTES**

1. CONDENSING UNITS ON UNIT ON 4x4 REDWOOD SLEEPERS ON 6" WDE SLIP SHEETS. PROVIDE WITH PERMANENT LABEL REFERENCING THE DWELLING UNIT / SPACE IT IS SERVING. CONDENSING UNIT CLEARANCE ARE AS FOLLOWS: 12" FROM WALL, 36" AT (2) SIDES AND 30" IN FRONT FOR MAINTENANCE ACCESS. (ALL DIMENSIONS SHALL BE VERIFIED WITH CONDENSING UNIT MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN).



**MECHANICAL ROOF PLAN**  
**BUILDING 1** SCALE: 1/8" = 1'-0"



MULTI-FAMILY PROJECT  
**UPTOWN COMMONS**  
 BY MEYER DEVELOPMENT  
 NEC ARIZONA AVENUE, AND ELLIOT ROAD  
 CHANDLER, AZ 85225

ISSUE		
DATE	REV	FOR

Drawn: NPM  
 Checked: NPM  
 Job Number: 1623  
 Drawing: BLDG 1 MECHANICAL ROOF PLAN  
 Sheet:



- MSFC-1 ( Wall Mounted)
- Thermostat
- (5" Dia) Wall Cap
- EF-5 ( W/CRD)
- └ (3/4" Dia) Condensate Drain
- 3/4" CD Down
- └ (5" Dia) Exhaust Round Duct
- (5" Dia) 90D Bend
- (3/4" Dia) 90D Bend
- C-2
- C4
- A2
- S1
- C3

- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 11.0 FT
- 1.0 EA
- 23.2 FT
- 1.0 EA
- 2.0 EA
- 5.0 EA
- 2.0 EA
- 7.0 EA
- 3.0 EA
- 1.0 EA

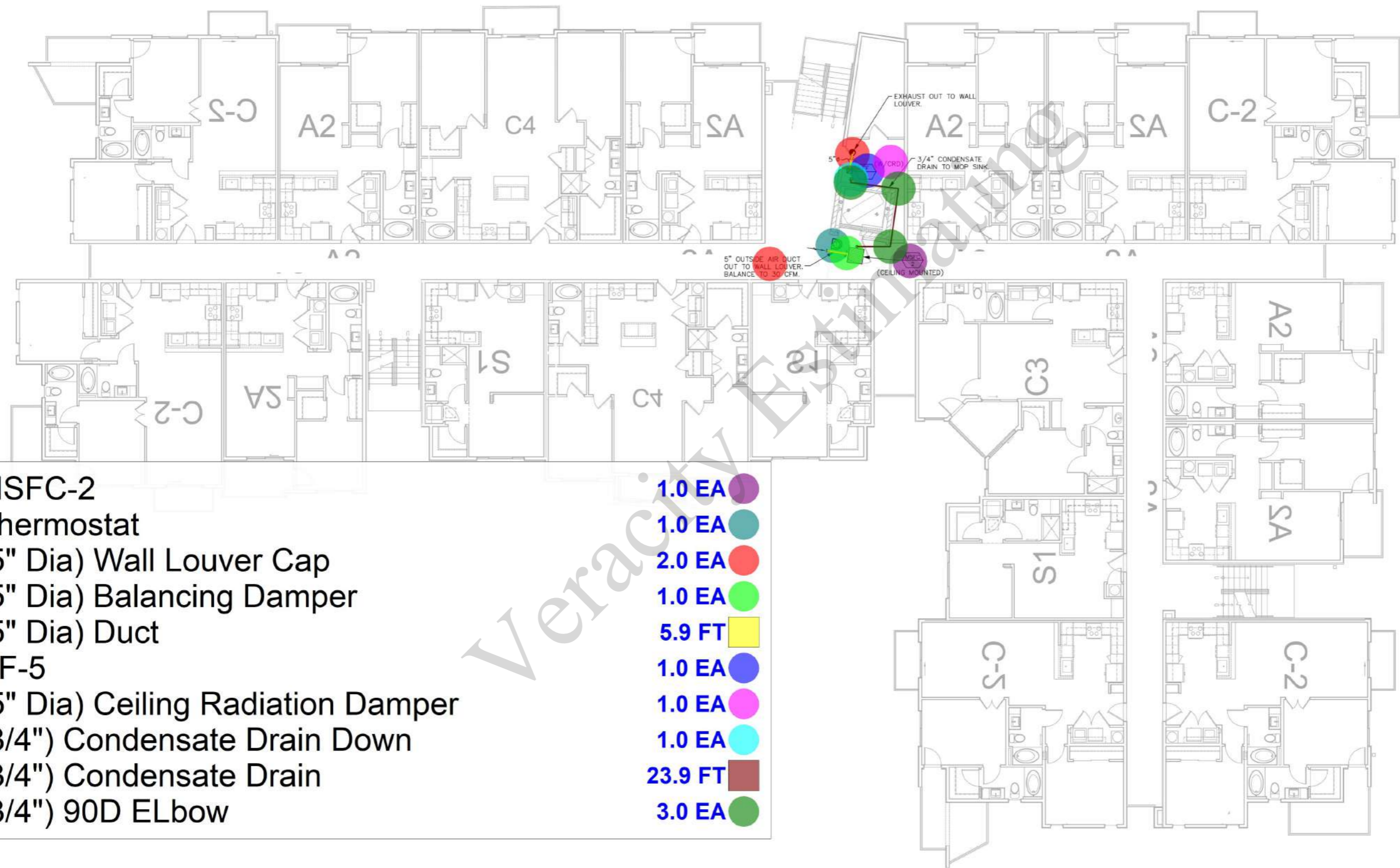


**FIRST FLOOR MECHANICAL PLAN**  
**BUILDING TYPE 2**  
SCALE: 1/8" = 1'-0"

ISSUE		
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Checked	NPM
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Sheet	

**M1.2.4**



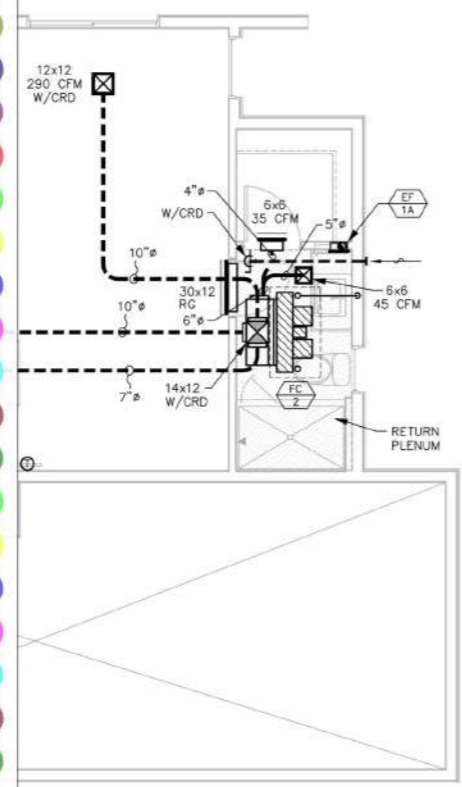
- |                                     |           |
|-------------------------------------|-----------|
| ● MSFC-2                            | 1.0 EA ●  |
| ● Thermostat                        | 1.0 EA ●  |
| ● (5" Dia) Wall Louver Cap          | 2.0 EA ●  |
| ● (5" Dia) Balancing Damper         | 1.0 EA ●  |
| ┌ (5" Dia) Duct                     | 5.9 FT ■  |
| ● EF-5                              | 1.0 EA ●  |
| ● (5" Dia) Ceiling Radiation Damper | 1.0 EA ●  |
| ● (3/4") Condensate Drain Down      | 1.0 EA ●  |
| ┌ (3/4") Condensate Drain           | 23.9 FT ■ |
| ● (3/4") 90D ELbow                  | 3.0 EA ●  |

**FOURTH FLOOR MECHANICAL PLAN**  
**BUILDING 2** SCALE: 1/8" = 1'-0"

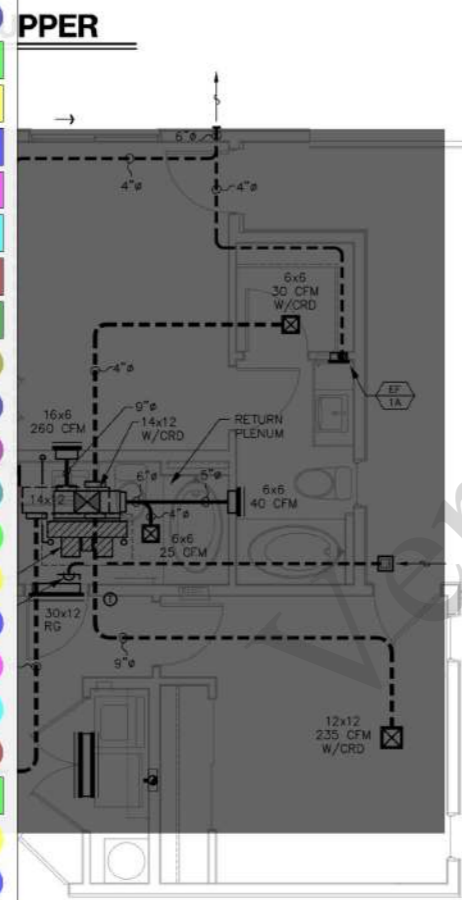




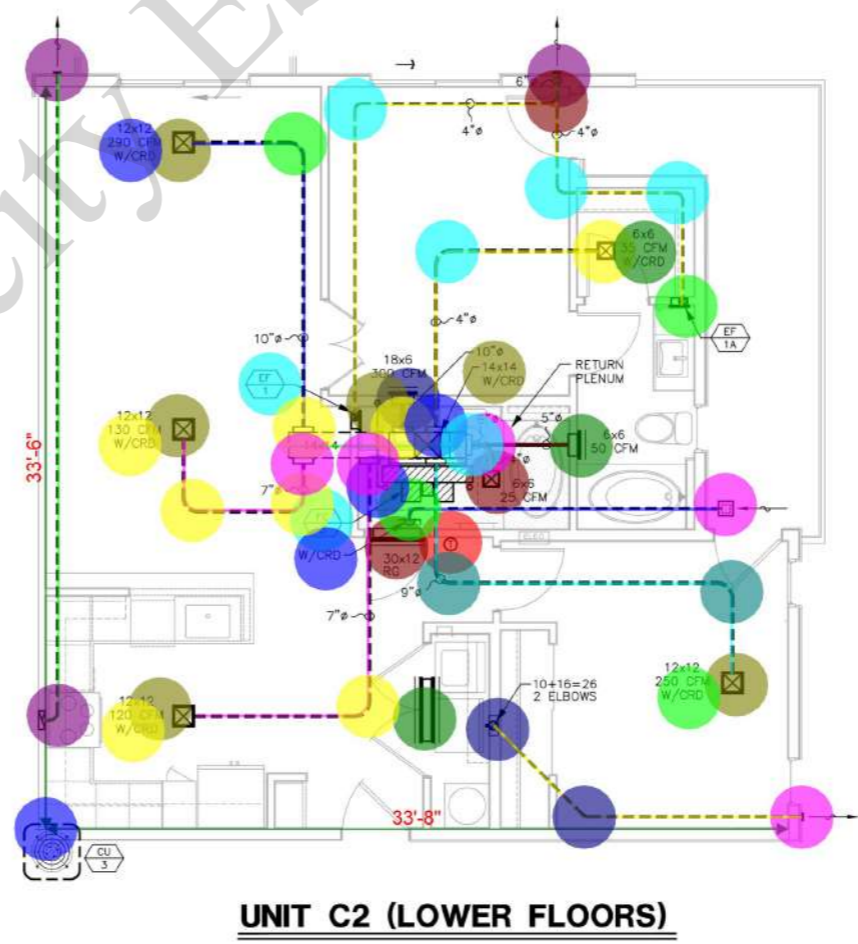
- (30"x6") Transfer Air Grille 1.0 EA
- (12"x12") Supply Air Diffuser W ... 4.0 EA
- Washer Vent Box 1.0 EA
- (6" Dia) Wall Cap 2.0 EA
- Thermostat 1.0 EA
- EF-1A 1.0 EA
- (6"x6") Supply Air Diffuser W CRD 1.0 EA
- CU-3 1.0 EA
- (4" Dia) Wall Cap 1.0 EA
- FC-3 1.0 EA
- (30"x12") Return Air Grille 1.0 EA
- (4") Dia Ceiling Radiation Damper 2.0 EA
- (9" Dia) Ceiling Radiation Damp... 1.0 EA
- (7" Dia) Ceiling Radiation Damp... 2.0 EA
- (10" Dia) Ceiling Radiation Dam... 2.0 EA
- Washable Filter 1.0 EA
- EF-1 1.0 EA
- (6"x6") Supply Air Diffuser 1.0 EA
- (6"x6") Return Air Grille 1.0 EA
- (14"x14") Ceiling Radiation Dam... 1.0 EA
- (18"x6") Return Air Grille 1.0 EA
- (6" Dia) Duct 31.5 FT
- (4" Dia) Duct 69.6 FT
- (10" Dia) Duct 33.3 FT
- (7" Dia) Duct 29.3 FT
- (9" Dia) Duct 22.4 FT
- (5" Dia) Duct 3.8 FT
- (3/4" Dia) Condensate Drain 4.2 FT
- 3/4" CD Down 1.0 EA
- (4" Dia) 45D Elbow 1.0 EA
- (6" Dia) 90D Elbow 1.0 EA
- (9" Dia) 90D Elbow 2.0 EA
- (10" Dia) 90D Bend 2.0 EA
- (7" Dia) 90D Bend 3.0 EA
- (3/4" Dia) 90d Elbow 1.0 EA
- (6" To 5" to 4") Tee 1.0 EA
- (4" Dia) 90D Elbow 4.0 EA
- (6" to 4" ) Tee 1.0 EA
- (14"x14") Duct 7.9 FT
- (14"x14" To 10") Transition 2.0 EA
- (14"x14" To 4") Transition 1.0 EA
- (14"x14" To 7") Transition 2.0 EA
- (14"x14" To 6") Transition 1.0 EA
- C2-2 0.0 EA
- 6" Dia) Wall Cap 0.0 EA
- Washer Vent Box 0.0 EA
- (30"x6") Transfer Air Grille 0.0 EA
- (12"x12") Supply Air Diffuser 0.0 EA



**UNIT C2 (TOP FLOOR)**



**UNIT C2 (LOWER FLOORS)**



**TYPICAL UNITS MECHANICAL PLAN**

### SYMBOL LEGEND

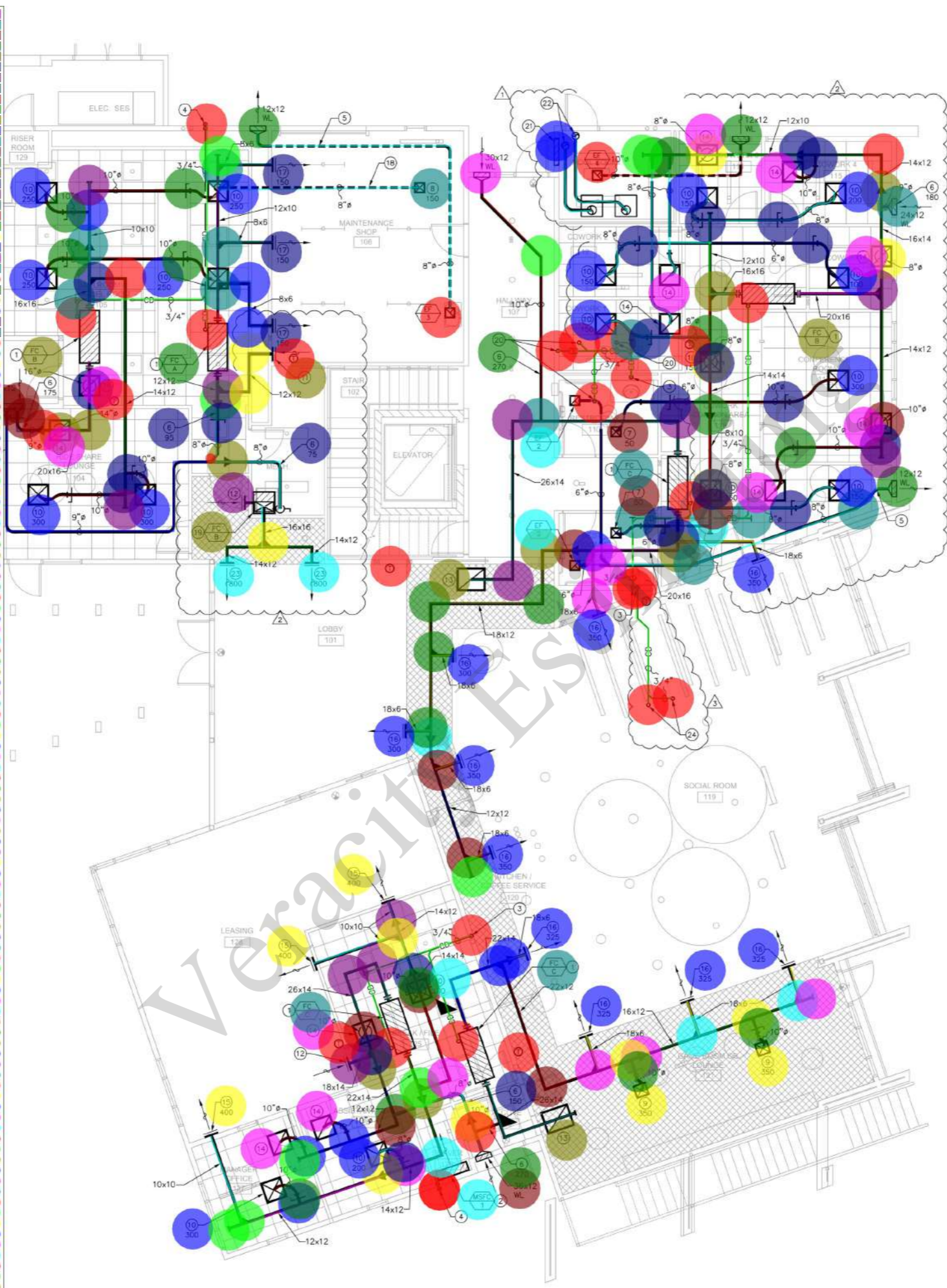
- SUPPLY AIR DUCT UP IN TRUSS SPACE. PROVIDE WITH CEILING RADIATION DAMPER AND ACCESS PANEL. RUN MAIN SUPPLY AIR DUCT PARALLEL TO TRUSSES.
- FAN COIL UNIT MOUNTED IN FURRED DOWN CEILING SPACE WITH SOLID ACCESS PANEL UNDER UNIT.
- 3/4" PRIMARY CONDENSATE DRAIN TO LAVATORY TAILPIECE, WASHER BOX OR EXTERIOR LANDSCAPE AREA.
- 3/4" SECONDARY CONDENSATE WITH "EZ TRAP" FLOAT SWITCH. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- RETURN AIR OPEN TO PLENUM.
- 6" OSA DUCT UP IN TRUSS SPACE AND OUT TO WALL CAP OR CEILING GRILLE AT PATIO. PROVIDE WITH CEILING RADIATION DAMPER AT PENETRATION OF FIRE RATED CEILING SPACE. PROVIDE WITH ACCESS PANEL. PROVIDE WITH WASHABLE FILTER. KEEP TERMINATION AT LEAST 10 FEET FROM EXHAUST TERMINATION.
- SIDE WALL FILTER RETURN GRILLE (FRG-1) OPEN TO PLENUM.
- CONDENSING UNIT ON ROOF. SEE MECHANICAL ROOF PLANS FOR EXACT LOCATION.
- THERMOSTAT (TOP OF THERMOSTAT @ 44" A.F.F.)
- CEILING MOUNTED DIFFUSER (CD-1). PROVIDE CEILING GRILLES WITH CEILING RADIATION DAMPER (CRD) WHEN MOUNTED IN FIRE RATED CEILING.
- x — SIZE OF DIFFUSER
- CFM — BALANCE TO INDICATED CFM
- SIDE WALL SUPPLY REGISTER (SR-1)
- x — SIZE OF REGISTER
- CFM — BALANCE TO INDICATED CFM
- RG — SIDE WALL FILTER RETURN GRILLE (FRG-1)
- x — SIZE OF GRILLE
- WALL MOUNTED EXHAUST FAN WITH 4" (OR 4" OVAL) EXHAUST DUCT OUT TO WALL CAP (LV-1). AT UPPER FLOOR UNITS, ROUTE DUCT UP IN WALL CAVITY THRU ROOF TO CAP. DUCT SHALL BE MINIMUM 26 GAGE SHEET METAL DUCT. PROVIDE RATED TOP PLATE PENETRATIONS WITH UL LISTED FIRE STOPPED ASSEMBLY.
- ELECTRIC DRYER. MANUFACTURER ALLOWS 45 FT OF 4" DRYER VENT DUCT RUN WITH TWO 90° ELBOWS. PROVIDE LONG VENT TYPE DRYER WHEN DUCT RUNS EXCEED THE ABOVE LENGTH / NUMBER OF ELBOWS. LONG VENT DRYER ALLOWS 145 FT OF 4" DRYER VENT WITH FIVE 90° ELBOWS.
- 4" DRYER VENT DUCT UP IN WALL CAVITY TO TRUSS SPACE AND OUT TO WALL CAP (LV-2). AT TOP FLOOR UNITS, ROUTE DUCT UP IN WALL CAVITY THRU ROOF TO CAP. DUCT SHALL BE MINIMUM 26 GAGE SHEET METAL DUCT. PROVIDE WITH UL LISTED FIRE STOP ASSEMBLY AT PENETRATION OF FIRE RATED FLOOR/CEILING ASSEMBLY.
- 30X6 TG-1 (SIDE WALL TRANSFER AIR GRILLES) ABOVE DOOR, ONE ON EACH SIDE.
- DRYER VENT BOX EQUAL TO "IN-O-VATE TECHNOLOGIES" MODEL 425. AT STANDARD DRYER LOCATION, INSTALL BOX ABOVE BASEBOARD. AT STACKED WASHER/DRYER, INSTALL BOTTOM OF BOX AT 40" A.F.F. COORDINATE WITH GC PRIOR TO ROUGH-IN.
- NOTE: DRYER DUCTS SHALL USE LONG SWEEP ELBOWS.
- 10"x3-1/2" EXHAUST UP THRU RATED CEILING. SEE DETAIL ON SHEET M401. PROVIDE 1-HR RATED CEILING MEWBREANE PENETRATION WITH UL LISTED FIRE STOPPED ASSEMBLY. DUCT SHALL BE MINIMUM 26 GAGE SHEET METAL DUCT.
- 6" EXHAUST DUCT IN TRUSS SPACE OUT TO WALL CAP (LV-1). AT TOP FLOOR UNITS, RUN DUCT UP THRU ROOF TO CAP.
- INDICATES DROPPED CEILING BELOW FIRE RATED CEILING ASSEMBLY.
- DASHED LINES INDICATES DUCTWORK IN TRUSS SPACE.
- ARROW INDICATES OPERABLE WINDOW PANEL. (SHOWN TO FOR EXHAUST TERMINATION CLEARANCE REQUIREMENTS). SEE BUILDING ELEVATIONS.

**NOTES:**

- A. DUCTS SHALL FIT WITHIN DROPPED CEILING AREA WITHOUT REDUCING THE FREE AREA OF THE DUCTWORK. COORDINATE WITH G.C. AND OWNER'S REPRESENTATIVE IF MORE CEILING SPACE IS REQUIRED IN THE DROPPED CEILING.
- B. ALL BEDROOM, BATHROOM AND CLOSET DOORS ARE PROVIDED WITH 1.5" UNDERCUT. SEE ARCHITECTURAL DOOR SCHEDULE FOR DETAIL.
- C. FLEXIBLE DUCT SHALL BE PULLED TIGHT WITH NO KINKS.
- D. ELBOWS SHALL BE SMOOTH AND NOT REDUCE THE FREE AREA OF THE DUCTWORK. PROVIDE SHEET METAL ELBOWS AS REQUIRED.
- E. EXACT ROUTING OF DUCTWORK IN TRUSSES SHALL BE COORDINATED WITH FRAMING CONTRACTOR PRIOR TO FABRICATION OF TRUSSES AND ROUGH-IN. MECHANICAL CONTRACTOR TO PROVIDE FRAMING CONTRACTOR LOCATION OF BLOCK-OUTS AND/OR DUCT CHASES IN TRUSSES.
- F. EXHAUST TERMINATION SHALL BE MINIMUM 3 FEET FROM OPENINGS TO THE BUILDING, 10 FEET FROM OUTSIDE AIR INTAKE AND 4 FEET FROM 2-HR WALL. (OFFSET DUCT AND DROPPED CEILING AS REQUIRED). SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF TERMINATION. COORDINATE WITH G.C.



- 12"x12" Duct
- 10"x10" Duct
- 10" Dia Duct
- 14"x12" Duct
- 22"x10" Duct
- 12"x12" Duct
- 18"x14" Duct
- 26"x14" Duct
- 14"x14" Duct
- 3/4" Dia Condensate Drain Pipe
- 18"x6" Duct
- 22"x14" Duct
- 6" Dia Duct
- 22"x12" Duct
- 16"x12" Duct
- 18"x12" Duct
- 6" Dia Duct
- 20"x16" Duct
- 26"x14" Duct
- 8"x10" Duct
- 12"x10" Duct
- 8" Dia Duct
- 9" Dia Duct
- 20"x16" Duct
- 16"x16" Duct
- 10" Dia Duct
- 18"x14" Duct
- 14" Dia Duct
- 16" Dia Duct
- 12"x10" Duct
- 8"x6" Duct
- 3/4" Dia Condensate Drain Pipe
- 3/4" Dia Pipe Cap
- 15
- 10
- 14
- MSFC
- 36"x12" Wall Louver
- 10" Dia Balancing Damper
- 13
- 6" Dia Balancing Damper
- 12
- FCC
- Thermostat
- 12"x12" Duct Cap
- 9
- 16
- 16"x12" Duct Cap
- EF2
- 7
- 12"x12" Wall Louver
- FCB
- 6" Dia Balancing Damper
- 14"x12" Duct Cap
- 24"x12" Wall Louver
- EF4
- 12"x10" Duct Cap
- 24"x24" Combustion Louver
- 30"x12" Wall Louver
- 23
- 9" Dia Balancing Damper
- FCA
- 11
- 17
- 10"x10" Duct Cap
- 6
- EF3
- (12"x12" to 10"x10") 45D Tap
- (14"x12" to 12"x12") Reducer
- (12"x12" to 10" Dia) Tee
- (14"x12" to 8" Dia) Tee
- (14"x12" Elbow W/ Turning Vanes
- (12"x12" Elbow W/ Turning Vanes
- (12"x12" to 8" Dia) Tee
- (26"x14" to 12"x12") Reducer
- (26"x14" to 18"x14") Reducer
- (26"x14" Elbow W/ Turning Vanes
- (22"x14" to 12"x14") Reducer
- (14"x14" to 14"x12") Reducer
- (14"x12" to 10"x10") Reducer
- (10" to 8" Dia) Reducer
- (22"x14" to 18"x6") Reducer
- (22"x12" to 16"x12") Reducer
- (18"x12" to 12"x12") Reducer
- (20"x16" to 18"x12") Reducer
- (14"x14" to 8"x10") Reducer
- (16"x14" to 14"x12") Reducer
- (14"x12" to 12"x10") Reducer
- (16"x18" to 10"x10") Reducer
- (20"x18" to 9" Dia) Reducer
- (22"x14" to 14"x14") 45D Tap
- (14"x12" to 10"x10") 45D Tap
- (22"x12" to 18"x6") 45D Tap
- (22"x12" to 18"x6") 45D Tap
- (16"x12" to 18"x6") 45D Tap
- (12"x12" to 18"x6") 45D Tap
- (18"x12" to 18"x6") 45D Tap
- (9" to 8" Dia) Reducer
- (16"x18" to 14"x12") 45D Tap
- (12"x12" to 12"x12") 45D Tap
- (12"x10" to 8"x6") 45D Tap
- (10" to 8" Dia) Tee
- (16"x12" to 10" Dia) Tee
- (20"x18" to 18"x6") Tee
- (8" x to 8" to 6" Dia) Y Tee
- (8"x10" to 6" Dia) Tee
- (8"x10" to 8" Dia) Tee
- (12"x10" to 8" Dia) Tee
- (12"x10" to 16"x16") Tee
- (14"x12" to 10" Dia) Tee
- (16"x14" to 20"x16") Tee
- (26"x14" to 10" Dia) Tee
- (9" to 8" Dia) Tee
- (12"x12" to 8" Dia) Reducer
- (16"x18" to 14"x12") Tee
- (10"x10" to 10" Dia) Tee
- (14"x14" Elbow W/ Turning Vanes
- (22"x14" Elbow W/ Turning Vanes
- (22"x12" Elbow W/ Turning Vanes
- (18"x12" Elbow W/ Turning Vanes
- (20"x18" Elbow W/ Turning Vanes
- (20"x18" to 18"x6") Tee
- (26"x14" Elbow W/ Turning Vanes
- (8" Dia) 45D Elbow W/ Turning Vanes
- (14"x12" Elbow W/ Turning Vanes
- (10" Dia) 45D Elbow W/ Turning Vanes
- (12"x12" Elbow W/ Turning Vanes
- (8"x6" Elbow W/ Turning Vanes
- (18"x6" 45D Elbow W/ Turning Vanes



**FIRST FLOOR MECHANICAL PLAN**  
**CLUBHOUSE**  
 SCALE: 3/16" = 1'-0"  
 NORTH

- ### KEYED NOTES
1. HORIZONTAL FAN COIL UNIT MOUNTED IN DROPPED CEILING.
  2. WALL MOUNTED DUCTLESS FAN COIL UNIT.
  3. 3/4" PRIMARY CONDENSATE DRAIN TO LAVATORY/ SINK TAILPIECE.
  4. 3/4" PRIMARY CONDENSATE DRAIN DOWN IN WALL AND OUT TO LANDSCAPE. PIPE TO TURN IN A DOWNWARD POSITION AND TERMINATE @ 6" A.F.G.
  5. EXHAUST DUCT OUT TO WALL LOUVER. KEEP TERMINATION AT A MINIMUM 10'-0" FROM FRESH AIR INTAKE AND 3'-0" FROM OPENINGS TO THE BUILDING.
  6. OUTSIDE AIR DUCT WITH BALANCING DAMPER OUT TO EXTERIOR OF BUILDING TO WALL LOUVER. BALANCE TO CFM NOTED.
  7. 6x6, CD-2, BALANCE TO CFM NOTED.
  8. 12x12, CD-2, BALANCE TO CFM NOTED.
  9. 15x15, CD-2, BALANCE TO CFM NOTED.
  10. 24x24, CD-3, BALANCE TO CFM NOTED.
  11. 18x18, RR-1.
  12. 30x20, RR-1.
  13. 32x26, RR-1.
  14. 24x24, RR-2.
  15. 28x8, SR-2. BALANCE TO CFM NOTED.
  16. 20x8, SR-2. BALANCE TO CFM NOTED.
  17. 10x8, SR-2. BALANCE TO CFM NOTED.
  18. SUPPLY DUCT TO RUN IN BETWEEN TRUSSES.
  19. VERTICAL FAN COIL UNIT MOUNTED ON BUILT-UP PLATFORM.
  20. 3/4" CONDENSATE DRAIN LINE DOWN THROUGH FLOOR, FROM UPPER LEVEL. SEE SHEET M3.2 FOR CONTINUATION.
- NOTE:**  
 ALL FAN COIL UNITS SHALL PROVIDED WITH A WATER-LEVEL DETECTION DEVICE CONFORMING TO UL 508 EQUAL TO "EZTRAP" MODEL #EZT-210, TO SHUT UNIT OFF IN THE EVENT THAT THE PRIMARY DRAIN LINE IS BLOCKED.
21. TWO 24x24 COMBUSTION LOUVERS, ONE LOCATED WITHIN 12" A.F.F. AND ONE LOCATED WITHIN 12" BELOW CEILING. (LOUVERS ARE SIZED FOR TWO 400 MBH HEATERS).
  22. POOL HEATER VENTS UP THRU ROOF TO CAP. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
  23. 24x12, SR-2. BALANCE TO CFM NOTED.
  24. 3/4" CONDENSATE DRAIN LINE DOWN FROM UPPER LEVEL. SEE SHEET M3.2 FOR CONTINUATION.

**CCBG**  
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 Phoenix AZ 85008 480.218.1211  
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EXPIRES 12/31/24

**NP MECHANICAL, INC.**  
 CONSULTING ENGINEERS  
 17215 N. 72ND DR., SUITE D145  
 GLENDALE, ARIZONA 85308  
 (602) 249-6311  
 PROJECT NO. 21031  
 PLOT DATE: 12/7/22

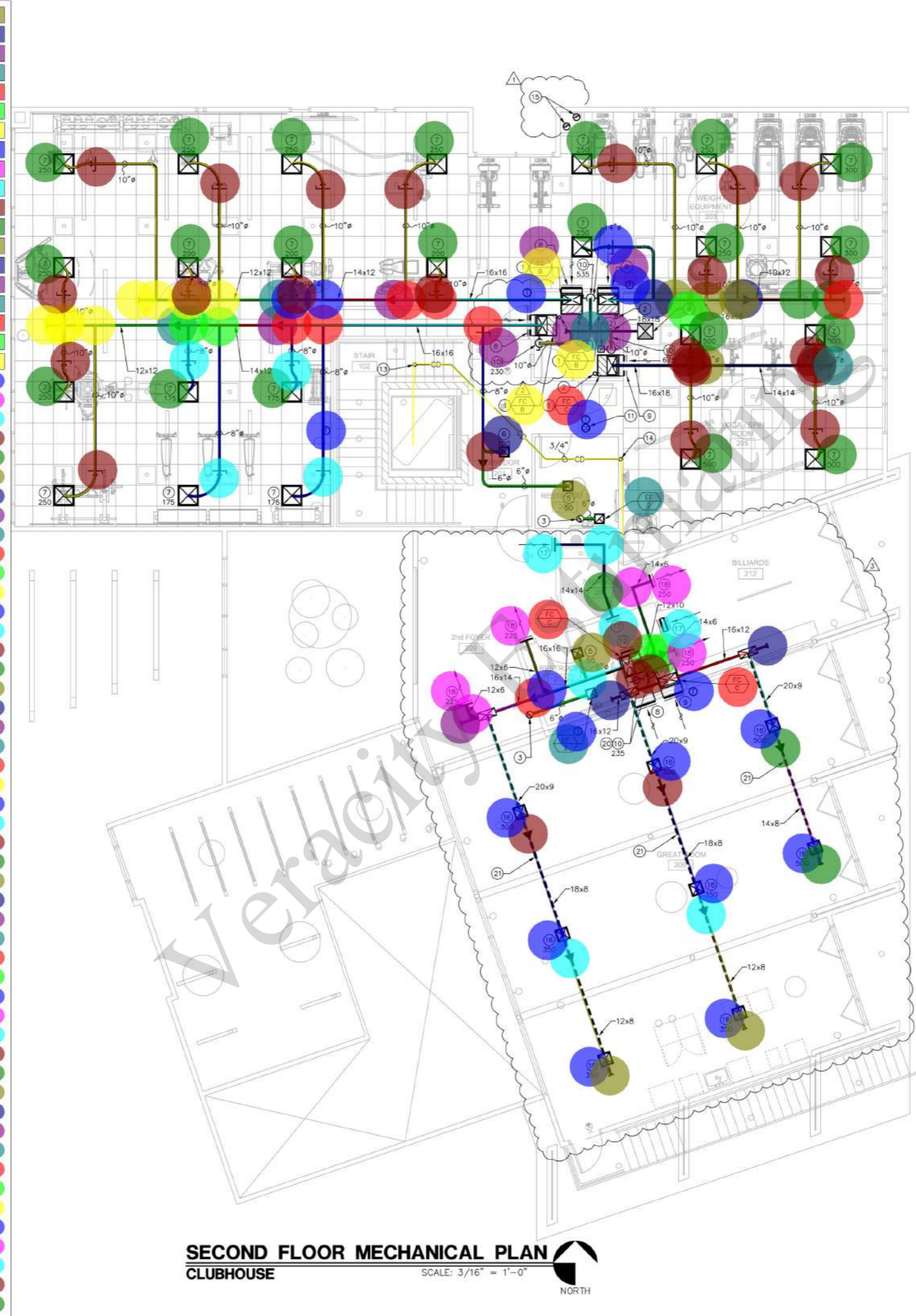
MULTI-FAMILY PROJECT  
**UPTOWN COMMONS**  
 BY MEYER DEVELOPMENT  
 NEC ARIZONA AVENUE, AND ELLIOT ROAD  
 CHANDLER, AZ 85225

ISSUE		
DATE	REV	FOR
06/25/2021	1	CITY COMMENTS
12/10/2021	2	OWNER COMMENTS
11/11/2022	3	PDP REVISIONS

Drawn: NPM  
 Checked: NPM  
 Job Number: 1623  
 Drawing: CLUBHOUSE FIRST FLOOR MECHANICAL PLAN  
 Sheet: M3.1

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- 12"x10" Duct 23.8 FT
- 18"x8" Duct 25.7 FT
- 14"x8" Duct 11.9 FT
- 20"x9" Duct 31.5 FT
- 16"x12" Duct 16.1 FT
- 6" Dia Duct 23.2 FT
- 10" Dia Duct 202.7 FT
- 8" Dia Duct 62.5 FT
- 16"x14" Duct 6.0 FT
- 16"x16" Duct 64.9 FT
- 12"x10" Duct 14.0 FT
- 14"x6" Duct 8.9 FT
- 12"x6" Duct 6.8 FT
- 14"x14" Duct 33.3 FT
- 18"x18" Duct 7.0 FT
- 14" Dia Duct 15.1 FT
- 14"x12" Duct 20.8 FT
- 12"x12" Duct 26.5 FT
- 3/4" Dia Condensate Drain Pipe 39.4 FT
- 16 8.0 EA
- (16x8) SR-2 4.0 EA
- (26x12) TG-2 3.0 EA
- (26x12) RR-1 1.0 EA
- (24x24) CD3 21.0 EA
- (6x6) CD2 2.0 EA
- (12x12) CD2 1.0 EA
- (32x26) RR-1 3.0 EA
- EF2 2.0 EA
- FCC 3.0 EA
- 4 1.0 EA
- FCB 3.0 EA
- Thermostat 6.0 EA
- 8" Dia Balancing Damper 4.0 EA
- 10" Dia Balancing Damper 21.0 EA
- 14"x8" Duct Cap 1.0 EA
- 12"x8" Duct Cap 2.0 EA
- 16"x12" Duct Cap 2.0 EA
- 16"x14" Duct Cap 1.0 EA
- 14"x14" Duct Cap 1.0 EA
- 10"x12" Duct Cap 1.0 EA
- 12"x12" Duct Cap 2.0 EA
- 14" Dia Balancing Damper 1.0 EA
- (18"x8" to 12"x8") Reducer 2.0 EA
- (20"x9" to 18"x8") Reducer 2.0 EA
- (20"x9" to 14"x8") Reducer 1.0 EA
- (16"x18" to 14"x14") Reducer 1.0 EA
- (16"x16" to 10"x12") Reducer 1.0 EA
- (16"x16" to 14"x12") Reducer 2.0 EA
- (14"x12" to 12"x12") Reducer 2.0 EA
- (16"x16" to 12"x6") Reducer 1.0 EA
- (12"x10" to 14"x6") Reducer 2.0 EA
- (16"x16" to 12"x6") 45D Tap 1.0 EA
- (16"x14" to 12"x6") 45D Tap 1.0 EA
- (16"x16" to 6" Dia) Tee 1.0 EA
- (14"x14" to 10" Dia) Tee 4.0 EA
- (10"x12" to 10" Dia) Tee 2.0 EA
- (16"x16" to 10" Dia) Tee 3.0 EA
- (16"x16" to 14" Dia) Tee 1.0 EA
- (18"x18" to 10" Dia) Tee 2.0 EA
- (18"x18" to 14" Dia) Tee 1.0 EA
- (16"x16" to 8" Dia) Tee 5.0 EA
- (14"x12" to 8" Dia) Tee 2.0 EA
- (12"x12" to 10" Dia) Tee 6.0 EA
- (14"x12" to 10" Dia) Tee 2.0 EA
- (14"x6") Elbow W/ Turning Vanes 1.0 EA
- (14"x14") Elbow W/ Turning Vanes 1.0 EA
- (8" x to 6" to 6" Dia) Y Tee 1.0 EA
- (14"x14") 45D Elbow W/ Turning Vanes 1.0 EA



### KEYED NOTES

1. VERTICAL FAN COIL UNIT MOUNTED ON BUILT-UP PLATFORM.
2. 3/4" PRIMARY CONDENSATE DRAIN DOWN THROUGH FLOOR TO LOWER LEVEL. SEE SHEET M3.3 FOR CONTINUATION.
3. EXHAUST DUCT UP THROUGH ROOF TO CAP. KEEP TERMINATION AT A MINIMUM 10'-0" FROM FRESH AIR INTAKES.
4. 18x18 OUTSIDE AIR DUCT UP THROUGH ROOF TO CAP. KEEP 10'-0" AWAY FROM EXHAUST AIR OUTLETS AND PLUMBING VENTS.
5. 6x6, CD-2, BALANCE TO CFM NOTED.
6. 12x12, CD-2, BALANCE TO CFM NOTED.
7. 24x24, CD-3, BALANCE TO CFM NOTED.
8. 30x20, RR-1.
9. 32x26, RR-1.
10. OUTSIDE DUCT WITH BALANCING DAMPER TO DROP DOWN AND CONNECT TO RETURN AIR PLENUM. BALANCE TO CFM NOTED.
11. WALL-MOUNTED CO2 SENSOR, MOUNT @ 48" A.F.F. WHEN THE CO2 LEVEL REACHES 1000 PPM, THE OUTSIDE AIR DAMPER SHALL OPEN TO THE MAXIMUM POSITION.
12. OUTSIDE AIR MOTORIZED DAMPER, DAMPERS SHALL BE LOW-LEAKAGE, OPPOSED BLADE, 2-POSITION. SET MINIMUM TO 340 CFM AND MAXIMUM TO 675 CFM. WHEN THE CO2 LEVEL REACHES 1000 PPM, THE OUTSIDE AIR DAMPER SHALL OPEN TO THE MAXIMUM POSITION.
13. 3/4" CONDENSATE DRAIN LINE DOWN THROUGH ROOF. SEE SHEET M3.3 FOR CONTINUATION.
14. 3/4" CONDENSATE DRAIN LINE DOWN IN WALL TO LAVATORY TAILPIECE.
15. POOL HEATER VENTS UP IN SHAFT THRU ROOF TO CAP. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. 15x15, CD-2, BALANCE TO CFM NOTED.
17. 26x12 TG-2.
18. 16x8 SR-2, BALANCE TO CFM NOTED.
19. 26x12 RR-1.
20. OUTSIDE AIR DUCT UP THROUGH ROOF TO CAP. LOCATE CAP 10'-0" AWAY FROM ANY EXHAUST AIR OUTLETS.
21. SUPPLY DUCT TO RUN IN BETWEEN ROOF RAFTERS.
22. SUPPLY DUCT TO CONNECT TO THE TOP OF MAIN SUPPLY AIR DUCT.

**NOTE:**  
ALL FAN COIL UNITS SHALL PROVIDED WITH A WATER-LEVEL DETECTION DEVICE CONFORMING TO UL 508 EQUAL TO "EZTRAP" MODEL #E2T-210, TO SHUT UNIT OFF IN THE EVENT THAT THE PRIMARY DRAIN LINE IS BLOCKED.

ISSUE		
DATE	REV	FOR
06/25/2021	1	CITY COMMENTS
12/10/2021	2	OWNER COMMENTS
11/11/2022	3	PDP REVISIONS

Drawn	NPM
Checked	NPM
Job Number	1623
Drawing	CLUBHOUSE SECOND FLOOR MECHANICAL PLAN
Sheet	