

COST BREAKDOWN													
PROJECT:									EST. BY:		FA		
ADDRESS:									QA:		FA		
DATED: 01/12/2025													
BASE BID \$ 2,130,504													
Sr. #	Dwg	Dwg Ref.	CSI	DETAIL OF WORK	QTY	WASTE	Qty w/ WSTG	UNIT	UNIT LAB	UNIT MAT	UNIT COST	TOTAL COST	TOTAL COST
01 00 00 DIVISION 01 - GENERAL REQUIREMENTS													
1				Mobilization	1	0%	1	LS			\$ -	\$ -	
2				Supervision	1	0%	1	LS			\$ -	\$ -	
3				Safety requirements	1	0%	1	LS			\$ -	\$ -	
4				Office overheads	1	0%	1	LS			\$ -	\$ -	
5				Project Closeouts	1	0%	1	LS			\$ -	\$ -	
6				Submittal and approval	1	0%	1	LS			\$ -	\$ -	
7				Temporary Facilities and Controls	1	0%	1	LS			\$ -	\$ -	
8				Rental Equipments/Machinery	1	0%	1	LS			\$ -	\$ -	
SUBTOTAL												\$ -	
21 00 00 DIVISION 21 - FIRE SUPPRESSION													
Sprinkler Piping Black Iron Sch 40													
9	FP101-PP501	FP101-PP501		6" Sprinkler Pipe	11	10%	12	LF	\$ 23.4	\$ 54.0	\$ 77.40	\$ 936.54	
10	FP101-PP501	FP101-PP501		4" Sprinkler Pipe	736	10%	810	LF	\$ 20.8	\$ 44.0	\$ 64.80	\$ 52,462.08	
11	FP101-PP501	FP101-PP501		3" Sprinkler Pipe	268	10%	295	LF	\$ 18.2	\$ 34.0	\$ 52.20	\$ 15,388.56	
12	FP101-PP501	FP101-PP501		1-1/2" Sprinkler Pipe	1521	10%	1673	LF	\$ 13.0	\$ 24.0	\$ 37.00	\$ 61,904.70	
13	FP101-PP501	FP101-PP501		1-1/4" Sprinkler Pipe	818	10%	900	LF	\$ 10.4	\$ 14.0	\$ 24.40	\$ 21,955.12	
14	FP101-PP501	FP101-PP501		1" Sprinkler Pipe	302	10%	332	LF	\$ 9.1	\$ 11.0	\$ 20.10	\$ 6,677.22	
Sprinkler Heads													
15	FP101-PP501	FP101-PP501		Upright Sprinkler Head	98	0%	98	EA	\$ 58.5	\$ 125.0	\$ 183.50	\$ 17,983.00	
16	FP101-PP501	FP101-PP501		Upright Sprinkler Head With Gaurd	61	0%	61	EA	\$ 58.5	\$ 150.0	\$ 208.50	\$ 12,718.50	
17	FP101-PP501	FP101-PP501		Concealed Pendant Sprinkler Head	186	0%	186	EA	\$ 58.5	\$ 155.0	\$ 213.50	\$ 39,711.00	
18	FP101-PP501	FP101-PP501		Sidewall Sprinkler Head	1	0%	1	EA	\$ 58.5	\$ 165.0	\$ 223.50	\$ 223.50	
Valve & Devices													
19	FP101-PP501	FP101-PP501		6" Fire Dept. Connection	1	0%	1	EA	\$ 130.0	\$ 450.0	\$ 580.00	\$ 580.00	
20	FP101-PP501	FP101-PP501		Test Header	1	0%	1	EA	\$ 130.0	\$ 400.0	\$ 530.00	\$ 530.00	
21	FP101-PP501	FP101-PP501		4" Floor Control Assembly	3	0%	3	EA	\$ 130.0	\$ 550.0	\$ 680.00	\$ 2,040.00	
22	FP101-PP501	FP101-PP501		6" Double Check Backflow Preventer	1	0%	1	EA	\$ 390.0	\$ 6,500.0	\$ 6,890.00	\$ 6,890.00	
23	FP101-PP501	FP101-PP501		6" Butterfly Valve	3	0%	3	EA	\$ 130.0	\$ 550.0	\$ 680.00	\$ 2,040.00	
24	FP101-PP501	FP101-PP501		Tamper Switch	3	0%	3	EA	\$ 45.5	\$ 55.0	\$ 100.50	\$ 301.50	
25	FP101-PP501	FP101-PP501		Water Flow Switch	1	0%	1	EA	\$ 45.5	\$ 55.0	\$ 100.50	\$ 100.50	
26	FP101-PP501	FP101-PP501		6" Piping Cap	1	0%	1	EA	\$ 19.5	\$ 25.0	\$ 44.50	\$ 44.50	
SUBTOTAL												\$ 242,487	
22 00 00 DIVISION 22 - PLUMBING													
Waste Piping Below Grade Cast Iron													
27	P101-P202	P101-P202		4" Waste Pipe	45	10%	49	LF	\$ 20.8	\$ 44.0	\$ 64.80	\$ 3,205.46	
28	P101-P202	P101-P202		3" Waste Pipe	88	10%	97	LF	\$ 18.2	\$ 38.0	\$ 56.20	\$ 5,449.44	
29	P101-P202	P101-P202		2" Waste Pipe	21	10%	23	LF	\$ 13.0	\$ 28.0	\$ 41.00	\$ 925.50	
30	P101-P202	P101-P202		2" Vent Pipe	154	10%	169	LF	\$ 13.0	\$ 28.0	\$ 41.00	\$ 6,945.40	
31	P101-P202	P101-P202		1-1/2" Waste Pipe	44	10%	49	LF	\$ 10.4	\$ 22.0	\$ 32.40	\$ 1,577.80	
32	P101-P202	P101-P202		1-1/2" Waste Pipe	77	10%	85	LF	\$ 10.4	\$ 22.0	\$ 32.40	\$ 2,758.90	
Waste Piping Above Grade Cast Iron Hubless													
33	P101-P202	P101-P202		4" Waste Pipe	83	10%	91	LF	\$ 18.2	\$ 34.0	\$ 52.20	\$ 4,765.90	
34	P101-P202	P101-P202		4" Vent Pipe	20	10%	22	LF	\$ 18.2	\$ 34.0	\$ 52.20	\$ 1,148.44	
35	P101-P202	P101-P202		3" Vent Pipe	101	10%	111	LF	\$ 15.6	\$ 30.0	\$ 45.60	\$ 5,066.22	
36	P101-P202	P101-P202		3" Waste Pipe	113	10%	124	LF	\$ 15.6	\$ 24.0	\$ 39.60	\$ 4,918.44	
37	P101-P202	P101-P202		2" Waste Pipe	254	10%	279	LF	\$ 13.0	\$ 24.0	\$ 37.00	\$ 10,337.80	
38	P101-P202	P101-P202		2" Vent Pipe	220	10%	242	LF	\$ 13.0	\$ 20.0	\$ 33.00	\$ 7,973.30	
39	P101-P202	P101-P202		1-1/2" Waste Pipe	116	10%	128	LF	\$ 10.4	\$ 20.0	\$ 30.40	\$ 3,879.00	
40	P101-P202	P101-P202		1-1/2" Vent Pipe	484	10%	532	LF	\$ 10.4	\$ 20.0	\$ 30.40	\$ 16,185.00	
Water Piping Copper Type L													
41	P101-P202	P101-P202		3" Cold Water Pipe	27	10%	29	LF	\$ 23.4	\$ 48.0	\$ 71.40	\$ 2,099.40	
42	P101-P202	P101-P202		2-1/2" Cold Water Pipe	59	10%	65	LF	\$ 20.8	\$ 42.0	\$ 62.80	\$ 4,059.80	
43	P101-P202	P101-P202		2" Cold Water Pipe	95	10%	104	LF	\$ 18.2	\$ 34.0	\$ 52.20	\$ 5,451.50	
44	P101-P202	P101-P202		1-1/2" Cold Water Pipe	74	10%	82	LF	\$ 15.6	\$ 30.0	\$ 45.60	\$ 3,730.44	
45	P101-P202	P101-P202		1-1/4" Cold Water Pipe	176	10%	193	LF	\$ 13.0	\$ 18.0	\$ 31.00	\$ 5,994.40	
46	P101-P202	P101-P202		1" Cold Water Pipe	127	10%	140	LF	\$ 10.4	\$ 14.0	\$ 24.40	\$ 3,408.70	
47	P101-P202	P101-P202		3/4" Cold Water Pipe	147	10%	162	LF	\$ 9.1	\$ 11.0	\$ 20.10	\$ 3,250.20	
48	P101-P202	P101-P202		1/2" Cold Water Pipe	552	10%	607	LF	\$ 7.8	\$ 9.0	\$ 16.80	\$ 10,201.00	
49	P101-P202	P101-P202		3/4" Hot Water Pipe	151	10%	166	LF	\$ 9.1	\$ 11.0	\$ 20.10	\$ 3,338.60	
50	P101-P202	P101-P202		3/4" Hot Water Return Pipe	349	10%	384	LF	\$ 9.1	\$ 11.0	\$ 20.10	\$ 7,709.80	
51	P101-P202	P101-P202		1/2" Hot Water Pipe	664	10%	730	LF	\$ 7.8	\$ 9.0	\$ 16.80	\$ 12,270.70	
52	P101-P202	P101-P202		1-1/4" Cold Water Pipe Below Grade	24	10%	27	LF	\$ 13.0	\$ 18.0	\$ 31.00	\$ 832.00	
53	P101-P202	P101-P202		3/4" Hot Water Return Pipe Below Grade	31	10%	34	LF	\$ 9.1	\$ 11.0	\$ 20.10	\$ 685.00	
54	P101-P202	P101-P202		1/2" Hot Water Pipe Below Grade	29	10%	32	LF	\$ 7.8	\$ 9.0	\$ 16.80	\$ 535.90	
Insulation													
55	P101-P202	P101-P202		1" Fiberglass Insulation For Water Pipes Upto 2"	2419	10%	2661	LF	\$ 2.0	\$ 2.6	\$ 4.50	\$ 11,974.10	
56	P101-P202	P101-P202		1-1/2" Fiberglass Insulation For Water Pipes Above 2"	86	10%	95	EA	\$ 2.0	\$ 3.4	\$ 5.40	\$ 506.10	
Valve & Devices													
57	P101-P202	P101-P202		T&P Relief Valve	4	0%	4	EA	\$ 65.0	\$ 150.0	\$ 215.00	\$ 860.00	
58	P101-P202	P101-P202		3/4" Shut Off Valve	17	0%	17	EA	\$ 45.5	\$ 65.0	\$ 110.50	\$ 1,878.50	
59	P101-P202	P101-P202		Vacuum Relief Valve	4	0%	4	EA	\$ 52.0	\$ 110.0	\$ 162.00	\$ 648.00	
60	P101-P202	P101-P202		Aquastat	4	0%	4	EA	\$ 65.0	\$ 150.0	\$ 215.00	\$ 860.00	
61	P101-P202	P101-P202		3/4" Check Valve	8	0%	8	EA	\$ 52.0	\$ 75.0	\$ 127.00	\$ 1,016.00	
62	P101-P202	P101-P202		3/4" Union	16	0%	16	EA	\$ 13.0	\$ 22.0	\$ 35.00	\$ 560.00	
63	P101-P202	P101-P202		Thermometer	4	0%	4	EA	\$ 26.0	\$ 45.0	\$ 71.00	\$ 284.00	
64	P101-P202	P101-P202		Mixing Valve	21	0%	21	EA	\$ 65.0	\$ 250.0	\$ 315.00	\$ 6,615.00	
65	P101-P202	P101-P202		1/2" Ball Valve	62	0%	62	EA	\$ 45.5	\$ 45.0	\$ 90.50	\$ 5,611.00	
66	P101-P202	P101-P202		3/4" Ball Valve	15	0%	15	EA	\$ 45.5	\$ 55.0	\$ 100.50	\$ 1,507.50	
67	P101-P202	P101-P202		1" Ball Valve	17	0%	17	EA	\$ 45.5	\$ 65.0	\$ 110.50	\$ 1,878.50	
Plumbing Specialty Fixtures													
68	P101-P202	P101-P202		2" Cleanout	9	0%	9	EA	\$ 65.0	\$ 100.0	\$ 165.00	\$ 1,485.00	
69	P101-P202	P101-P202		3" Cleanout	3	0%	3	EA	\$ 65.0	\$ 125.0	\$ 190.00	\$ 570.00	
70	P101-P202	P101-P202		4" Cleanout	2	0%	2	EA	\$ 65.0	\$ 200.0	\$ 265.00	\$ 530.00	
71	P101-P202	P101-P202		Floor Drain ZURN # FD2340	5	0%	5	EA	\$ 65.0	\$ 250.0	\$ 315.00	\$ 1,575.00	
72	P101-P202	P101-P202		Water Meter	1	0%	1	EA	\$ 130.0	\$ 750.0	\$ 880.00	\$ 880.00	
Plumbing Fixtures													
73	P101-P202	P101-P202		Drinking Fountain DF-1 Manf & Model: ELKAY # LZSTL8WSAP-PF	6	0%	6	EA	\$ 390.0	\$ 4,200.0	\$ 4,590.00	\$ 27,540.00	
74	P101-P202	P101-P202		Lavatory LAV-1 Manf & Model: AMERICAN STANDARD # 902400EC.020	21	0%	21	EA	\$ 260.0	\$ 750.0	\$ 1,010.00	\$ 21,210.00	
75	P101-P202	P101-P202		Mop Sink MS-1 Manf & Model: REGENCY # 600S136215B	3	0%	3	EA	\$ 325.0	\$ 850.0	\$ 1,175.00	\$ 3,525.00	
76	P101-P202	P101-P202		Sink SK-1 Manf & Model: KOHLER # K-2356-4-0	4	0%	4	EA	\$ 325.0	\$ 800.0	\$ 1,125.00	\$ 4,500.00	
77	P101-P202	P101-P202		Sink SK-2 Manf & Model: KOHLER # K-3820-NA	1	0%	1	EA	\$ 325.0	\$ 850.0	\$ 1,175.00	\$ 1,175.00	
78	P101-P202	P101-P202		Water Closet WC-1 Manf & Model: KOHLER # K-PR96053	17	0%	17	EA	\$ 325.0	\$ 875.0	\$ 1,200.00	\$ 20,400.00	
79	P101-P202	P101-P202		Urinal UR-1 Manf & Model: AMERICAN STANDARD # 6590503.020	4	0%	4	EA	\$ 260.0	\$ 700.0	\$ 960.00	\$ 3,840.00	
80	P101-P202	P101-P202		Interior Hose Bib HB-1 Manf & Model: EVERBILT # 103-003EB	6	0%	6	EA	\$ 65.0	\$ 150.0	\$ 215.00	\$ 1,290.00	

81	P101-P202	P101-P202	Interior Hose Bib HB-2 Manf & Model: EVERBILT # 103-003EB	2	0%	2	EA	\$ 65.0	\$ 150.0	\$ 215.0	\$ 430.0	
Plumbing Equipments												
82	P101-P202	P101-P202	Electric Water Heater 20 Gallon 15 Kw,A O SMITH # DSE-20-15	4	0%	4	EA	\$ 260.0	\$ 4,950.0	\$ 5,210.0	\$ 20,840.0	
83	P101-P202	P101-P202	Expansion Tank	4	0%	4	EA	\$ 65.0	\$ 250.0	\$ 315.0	\$ 1,260.0	
84	P101-P202	P101-P202	Recirculation Pump	4	0%	4	EA	\$ 130.0	\$ 450.0	\$ 580.0	\$ 2,320.0	
85	P101-P202	P101-P202	Sump Pump	1	0%	1	EA	\$ 260.0	\$ 1,500.0	\$ 1,760.0	\$ 1,760.0	
SUBTOTAL												\$ 288,032
23 00 00 DIVISION 23 – HVAC												
Duct Work												
86	M101-M107	M101-M107	6" Dia Duct	35	10%	38	LF	\$ 7.8	\$ 8.0	\$ 15.80	\$ 605.87	
87	M101-M107	M101-M107	8" Dia Duct	272	10%	299	LF	\$ 10.4	\$ 10.0	\$ 20.4	\$ 6,107.7	
88	M101-M107	M101-M107	10" Dia Duct	395	10%	434	LF	\$ 13.0	\$ 12.0	\$ 25.0	\$ 10,852.6	
89	M101-M107	M101-M107	12" Dia Duct	621	10%	683	LF	\$ 15.6	\$ 14.0	\$ 29.6	\$ 20,204.8	
90	M101-M107	M101-M107	14" Dia Duct	64	10%	71	LF	\$ 18.2	\$ 16.0	\$ 34.2	\$ 2,420.8	
91	M101-M107	M101-M107	16" Dia Duct	517	10%	569	LF	\$ 20.8	\$ 18.0	\$ 38.8	\$ 22,079.6	
92	M101-M107	M101-M107	18" Dia Duct	149	10%	163	LF	\$ 23.4	\$ 20.0	\$ 43.4	\$ 7,091.3	
93	M101-M107	M101-M107	20" Dia Duct	80	10%	88	LF	\$ 26.0	\$ 22.0	\$ 48.0	\$ 4,233.5	
94	M101-M107	M101-M107	24" Dia Duct	122	10%	134	LF	\$ 28.6	\$ 24.0	\$ 52.6	\$ 7,069.3	
95	M101-M107	M101-M107	28" Dia Duct	24	10%	26	LF	\$ 31.2	\$ 26.0	\$ 57.2	\$ 1,488.7	
96	M101-M107	M101-M107	34" Dia Duct	12	10%	14	LF	\$ 36.4	\$ 30.0	\$ 66.4	\$ 898.4	
97	M101-M107	M101-M107	8"x8" Duct	11	10%	12	LF	\$ 44.2	\$ 36.0	\$ 80.2	\$ 952.8	
98	M101-M107	M101-M107	10"x10" Duct	5	10%	5	LF	\$ 7.8	\$ 14.0	\$ 21.8	\$ 112.9	
99	M101-M107	M101-M107	18"x16" Duct	91	10%	100	LF	\$ 13.0	\$ 24.0	\$ 37.0	\$ 3,711.4	
100	M101-M107	M101-M107	22"x16" Duct	30	10%	33	LF	\$ 13.0	\$ 28.0	\$ 41.0	\$ 1,333.6	
101	M101-M107	M101-M107	30"x10" Duct	11	10%	12	LF	\$ 13.0	\$ 30.0	\$ 43.0	\$ 500.4	
102	M101-M107	M101-M107	42"x14" Duct	10	10%	11	LF	\$ 13.0	\$ 36.0	\$ 49.0	\$ 517.4	
103	M101-M107	M101-M107	72"x34" Duct	15	10%	17	LF	\$ 39.0	\$ 86.0	\$ 125.0	\$ 2,068.0	
104	M101-M107	M101-M107	82"x50" Duct	15	10%	17	LF	\$ 39.0	\$ 112.0	\$ 151.0	\$ 2,491.5	
Insulation												
105	M101-M107	M101-M107	1-1/2" Fiberglass Insulation	9679	10%	10647	SF	\$ 2.0	\$ 3.5	\$ 5.5	\$ 58,025.6	
Refrigerant Piping												
106	M101-M107	M101-M107	Refrigerant Piping With Insulation, Size Is Not Given	2746	10%	3021	LF	\$ 9.1	\$ 11.0	\$ 20.10	\$ 60,714.06	
Duct Accessories												
107	M101-M107	M101-M107	Volume Damper Assumed	141	0%	141	EA	\$ 32.5	\$ 45.0	\$ 77.5	\$ 10,927.5	
108	M101-M107	M101-M107	10"x10" Wiremesh Screen	2	0%	2	EA	\$ 13.0	\$ 30.0	\$ 43.0	\$ 86.0	
Diffuser, Registers & Grilles												
109	M101-M107	M101-M107	12" x8" Return Air Grille	1	0%	1	EA	\$ 45.5	\$ 55.0	\$ 100.50	\$ 100.50	
110	M101-M107	M101-M107	12" x12" Exhaust Air Grille	18	0%	18	EA	\$ 45.5	\$ 65.0	\$ 110.5	\$ 1,989.0	
111	M101-M107	M101-M107	12" x12" Supply Air Grille	6	0%	6	EA	\$ 45.5	\$ 65.0	\$ 110.5	\$ 663.0	
112	M101-M107	M101-M107	12" x12" Return Air Grille	3	0%	3	EA	\$ 45.5	\$ 65.0	\$ 110.5	\$ 331.5	
113	M101-M107	M101-M107	24" x24" Supply Diffuser	82	0%	82	EA	\$ 52.0	\$ 100.0	\$ 152.0	\$ 12,464.0	
114	M101-M107	M101-M107	24" x24" Return Air Grille	14	0%	14	EA	\$ 52.0	\$ 100.0	\$ 152.0	\$ 2,128.0	
115	M101-M107	M101-M107	36" x6" Drum Louver Supply Air Grille	18	0%	18	EA	\$ 52.0	\$ 150.0	\$ 202.0	\$ 3,636.0	
116	M101-M107	M101-M107	36" x24" Return Air Grille	1	0%	1	EA	\$ 65.0	\$ 200.0	\$ 265.0	\$ 265.0	
117	M101-M107	M101-M107	42" x14" Return Air Grille	2	0%	2	EA	\$ 65.0	\$ 225.0	\$ 290.0	\$ 580.0	
118	M101-M107	M101-M107	82" x36" Return Air Grille	1	0%	1	EA	\$ 130.0	\$ 450.0	\$ 580.0	\$ 580.0	
Louvers												
119	M101-M107	M101-M107	30" x24" Louver Greenheck# ESD435	1	0%	1	EA	\$ 65.0	\$ 250.0	\$ 315.00	\$ 315.00	
120	M101-M107	M101-M107	36" x24" Louver Greenheck# ESD435	1	0%	1	EA	\$ 65.0	\$ 275.0	\$ 340.0	\$ 340.0	
121	M101-M107	M101-M107	42" x24" Louver Greenheck# ESD435	1	0%	1	EA	\$ 65.0	\$ 300.0	\$ 365.0	\$ 365.0	
122	M101-M107	M101-M107	48" x24" Louver Greenheck# ESD435	1	0%	1	EA	\$ 65.0	\$ 350.0	\$ 415.0	\$ 415.0	
123	M101-M107	M101-M107	24" x12" Louver Greenheck# ESD435	1	0%	1	EA	\$ 65.0	\$ 200.0	\$ 265.0	\$ 265.0	
Hvac Control												
124	M101-M107	M101-M107	Thermostat	14	0%	14	EA	\$ 65.0	\$ 150.0	\$ 215.00	\$ 3,010.00	
Hvac Equipment												
125	M101-M107	M101-M107	VRF Outdoor Unit ODU-1 Manf & Model: DAIKIN # REYA480AAJTA	1	0%	1	EA	\$ 2,600.0	\$ 35,000.0	\$ 37,600.00	\$ 37,600.00	
126	M101-M107	M101-M107	VRF Indoor Unit IDU-B-1 Manf & Model: DAIKIN # FXMA54AAVJU	1	0%	1	EA	\$ 390.0	\$ 8,500.0	\$ 8,890.00	\$ 8,890.00	
127	M101-M107	M101-M107	VRF Indoor Unit IDU-B-2 Manf & Model: DAIKIN # FXMA54AAVJU	1	0%	1	EA	\$ 390.0	\$ 8,500.0	\$ 8,890.00	\$ 8,890.00	
128	M101-M107	M101-M107	VRF Indoor Unit IDU-B-3 Manf & Model: DAIKIN # FXSA48AAVJU	1	0%	1	EA	\$ 390.0	\$ 7,200.0	\$ 7,590.00	\$ 7,590.00	
129	M101-M107	M101-M107	VRF Indoor Unit IDU-1-1 Manf & Model: DAIKIN # FXAA05AAVJU	1	0%	1	EA	\$ 390.0	\$ 1,500.0	\$ 1,890.00	\$ 1,890.00	
130	M101-M107	M101-M107	VRF Indoor Unit IDU-1-2 Manf & Model: DAIKIN # FXAA05AAVJU	1	0%	1	EA	\$ 390.0	\$ 1,500.0	\$ 1,890.00	\$ 1,890.00	
131	M101-M107	M101-M107	VRF Indoor Unit IDU-1-3 Manf & Model: DAIKIN # FXAA12AAVJU	1	0%	1	EA	\$ 390.0	\$ 2,200.0	\$ 2,590.00	\$ 2,590.00	
132	M101-M107	M101-M107	VRF Indoor Unit IDU-1-4 Manf & Model: DAIKIN # FXMA54AAVJU	1	0%	1	EA	\$ 390.0	\$ 8,500.0	\$ 8,890.00	\$ 8,890.00	
133	M101-M107	M101-M107	VRF Indoor Unit IDU-1-5 Manf & Model: DAIKIN # FXSA30AAVJU	1	0%	1	EA	\$ 390.0	\$ 4,500.0	\$ 4,890.00	\$ 4,890.00	
134	M101-M107	M101-M107	VRF Indoor Unit IDU-1-6 Manf & Model: DAIKIN # FXSA48AAVJU	1	0%	1	EA	\$ 390.0	\$ 7,200.0	\$ 7,590.00	\$ 7,590.00	
135	M101-M107	M101-M107	VRF Indoor Unit IDU-1-7 Manf & Model: DAIKIN # FXSA36AAVJU	1	0%	1	EA	\$ 390.0	\$ 5,500.0	\$ 5,890.00	\$ 5,890.00	
136	M101-M107	M101-M107	VRF Indoor Unit IDU-1-8 Manf & Model: DAIKIN # FXSA48AAVJU	1	0%	1	EA	\$ 390.0	\$ 7,200.0	\$ 7,590.00	\$ 7,590.00	
137	M101-M107	M101-M107	VRF Indoor Unit IDU-2-1 Manf & Model: DAIKIN # FXSA30AAVJU	1	0%	1	EA	\$ 390.0	\$ 4,500.0	\$ 4,890.00	\$ 4,890.00	
138	M101-M107	M101-M107	VRF Indoor Unit IDU-2-2 Manf & Model: DAIKIN # FXSA36AAVJU	1	0%	1	EA	\$ 390.0	\$ 5,500.0	\$ 5,890.00	\$ 5,890.00	
139	M101-M107	M101-M107	VRF Indoor Unit IDU-2-3 Manf & Model: DAIKIN # FXSA36AAVJU	1	0%	1	EA	\$ 390.0	\$ 5,500.0	\$ 5,890.00	\$ 5,890.00	
140	M101-M107	M101-M107	VRF Indoor Unit IDU-2-4 Manf & Model: DAIKIN # FXSA48AAVJU	1	0%	1	EA	\$ 390.0	\$ 7,200.0	\$ 7,590.00	\$ 7,590.00	
141	M101-M107	M101-M107	VRF Indoor Unit IDU-2-5 Manf & Model: DAIKIN # FXSA30AAVJU	1	0%	1	EA	\$ 390.0	\$ 4,500.0	\$ 4,890.00	\$ 4,890.00	
142	M101-M107	M101-M107	VRF Indoor Unit IDU-2-6 Manf & Model: DAIKIN # FXSA30AAVJU	1	0%	1	EA	\$ 390.0	\$ 4,500.0	\$ 4,890.00	\$ 4,890.00	
143	M101-M107	M101-M107	VRF Indoor Unit IDU-2-7 Manf & Model: DAIKIN # FXSA48AAVJU	1	0%	1	EA	\$ 390.0	\$ 7,200.0	\$ 7,590.00	\$ 7,590.00	
144	M101-M107	M101-M107	Air To Air Heat Pump Indoor Unit FCU-1 Manf & Model: DAIKIN # FXFE24AXVJU	1	0%	1	EA	\$ 260.0	\$ 1,500.0	\$ 1,760.00	\$ 1,760.00	
145	M101-M107	M101-M107	Air To Air Heat Pump Outdoor Unit HP-1 Manf & Model: DAIKIN # RFX24AXVJU	1	0%	1	EA	\$ 390.0	\$ 2,200.0	\$ 2,590.00	\$ 2,590.00	
146	M101-M107	M101-M107	Rooftop Unit 524 Mhb Cooling & 470 Mhb Heating RTU-1 Manf & Model: DAIKIN # DHSAD45	1	0%	1	EA	\$ 3,250.0	\$ 75,000.0	\$ 78,250.00	\$ 78,250.00	
147	M101-M107	M101-M107	Branch Selector Box BS-B-1 Manf & Model: DAIKIN # BSF4Q34TVJ	1	0%	1	EA	\$ 390.0	\$ 3,000.0	\$ 3,390.00	\$ 3,390.00	
148	M101-M107	M101-M107	Branch Selector Box BS-1-1 Manf & Model: DAIKIN # BSF8Q34TVJ	1	0%	1	EA	\$ 390.0	\$ 3,000.0	\$ 3,390.00	\$ 3,390.00	
149	M101-M107	M101-M107	Branch Selector Box BS-2-1 Manf & Model: DAIKIN # BSF8Q34TVJ	1	0%	1	EA	\$ 390.0	\$ 3,000.0	\$ 3,390.00	\$ 3,390.00	
150	M101-M107	M101-M107	Energy Recovery Ventilator 500-2200 Cfm ERV-B Manf & Model: RENEWAIRE# HE2XINV	1	0%	1	EA	\$ 260.0	\$ 2,200.0	\$ 2,460.00	\$ 2,460.00	
151	M101-M107	M101-M107	Energy Recovery Ventilator 500-2200 Cfm ERV-1 Manf & Model: RENEWAIRE# HE2XINV	1	0%	1	EA	\$ 260.0	\$ 2,200.0	\$ 2,460.00	\$ 2,460.00	
152	M101-M107	M101-M107	Energy Recovery Ventilator 500-2200 Cfm ERV-2 Manf & Model: RENEWAIRE# HE2XRT	1	0%	1	EA	\$ 260.0	\$ 2,200.0	\$ 2,460.00	\$ 2,460.00	

153	M101-M107	M101-M107	Electric Wall Heater 3 Kw EWH-B1 Manf & Model: QMARK# AWH4404F	1	0%	1	EA	\$ 195.0	\$ 850.0	\$ 1,045.00	\$ 1,045.00	
154	M101-M107	M101-M107	Electric Wall Heater 2 Kw EWH-B2 Manf & Model: QMARK# AWH4404F	1	0%	1	EA	\$ 195.0	\$ 750.0	\$ 945.00	\$ 945.00	
155	M101-M107	M101-M107	Electric Wall Heater 1.5 Kw EWH-B3-B7 Manf & Model: QMARK# AWH4404F	5	0%	5	EA	\$ 195.0	\$ 650.0	\$ 845.00	\$ 4,225.00	
156	M101-M107	M101-M107	Electric Wall Heater 2 Kw EWH-1-1 Manf & Model: QMARK# AWH4404F	1	0%	1	EA	\$ 195.0	\$ 750.0	\$ 945.00	\$ 945.00	
157	M101-M107	M101-M107	Electric Wall Heater 1.5 Kw EWH-1-2 & 1-3 Manf & Model: QMARK# AWH4404F	2	0%	2	EA	\$ 195.0	\$ 650.0	\$ 845.00	\$ 1,690.00	
158	M101-M107	M101-M107	Electric Wall Heater 3 Kw EWH-1-4 & 1-5 Manf & Model: QMARK# AWH4404F	2	0%	2	EA	\$ 195.0	\$ 850.0	\$ 1,045.00	\$ 2,090.00	
159	M101-M107	M101-M107	Electric Wall Heater 1.5 Kw EWH-X-1 Manf & Model: QMARK# AWH4404F	1	0%	1	EA	\$ 195.0	\$ 650.0	\$ 845.00	\$ 845.00	
160	M101-M107	M101-M107	Electric Wall Heater 2 Kw EWH-X-2 & 3 Manf & Model: QMARK# AWH4404F	2	0%	2	EA	\$ 195.0	\$ 750.0	\$ 945.00	\$ 1,890.00	
161	M101-M107	M101-M107	Electric Wall Heater 1.5 Kw EWH-2-1 Manf & Model: QMARK# AWH4404F	1	0%	1	EA	\$ 195.0	\$ 650.0	\$ 845.00	\$ 845.00	
162	M101-M107	M101-M107	Electric Wall Heater 2 Kw EWH-2-2 Manf & Model: QMARK# AWH4404F	1	0%	1	EA	\$ 195.0	\$ 750.0	\$ 945.00	\$ 945.00	
163	M101-M107	M101-M107	Exhaust Hood HD-1 Manf & Model: ZLINE# GL11-36	1	0%	1	EA	\$ 390.0	\$ 1,500.0	\$ 1,890.00	\$ 1,890.00	
SUBTOTAL											\$ 515,266	
26 00 00 DIVISION 26 – ELECTRICAL												
Conductors												
164	EL101-E501	EL101-E501	3/4" Emt Conduit	11186	10%	12305	LF	\$ 2.0	\$ 2.2	\$ 4.15	\$ 51,064.09	
165	EL101-E501	EL101-E501	3/4" Lfmc Conduit	120	10%	132	LF	\$ 2.0	\$ 3.2	\$ 5.15	\$ 679.80	
166	EL101-E501	EL101-E501	1-1/2" Emt Conduit	101	10%	111	LF	\$ 2.6	\$ 5.7	\$ 8.3	\$ 922.11	
167	EL101-E501	EL101-E501	1-1/2" Lfmc Conduit	12	10%	13	LF	\$ 2.6	\$ 7.5	\$ 10.1	\$ 133.3	
168	EL101-E501	EL101-E501	2" Emt Conduit	65	10%	72	LF	\$ 2.6	\$ 6.5	\$ 9.1	\$ 650.7	
169	EL101-E501	EL101-E501	2-1/2" Emt Conduit	335	10%	369	LF	\$ 2.6	\$ 7.9	\$ 10.5	\$ 3,869.3	
170	EL101-E501	EL101-E501	3" Emt Conduit	45	10%	50	LF	\$ 3.9	\$ 11.0	\$ 14.9	\$ 737.6	
171	EL101-E501	EL101-E501	4" Emt Conduit	357	10%	393	LF	\$ 3.9	\$ 13.0	\$ 16.9	\$ 6,636.6	
172	EL101-E501	EL101-E501	4" Lfmc Conduit	6	10%	7	LF	\$ 5.2	\$ 16.0	\$ 21.2	\$ 139.9	
173	EL101-E501	EL101-E501	3" Pvc Conduit	555	10%	611	LF	\$ 3.9	\$ 15.0	\$ 18.9	\$ 11,538.5	
Conductors												
174	EL101-E501	EL101-E501	2#12,1#12 Gnd Cu For Equipments	2643	10%	2907	LF	\$ 2.0	\$ 1.2	\$ 3.2	\$ 9,158.0	
175	EL101-E501	EL101-E501	2#12,1#12 Gnd Cu For Receptacles	4109	10%	4520	LF	\$ 2.0	\$ 1.2	\$ 3.2	\$ 14,237.7	
176	EL101-E501	EL101-E501	2#10,1#10 Gnd Cu For Equipments	905	10%	996	LF	\$ 2.0	\$ 1.8	\$ 3.8	\$ 3,733.1	
177	EL101-E501	EL101-E501	2#10,1#10 Gnd Cu For Lights	3649	10%	4014	LF	\$ 2.0	\$ 1.8	\$ 3.8	\$ 15,052.1	
178	EL101-E501	EL101-E501	3#1,1#8 Gnd Cu For Equipments	113	10%	124	LF	\$ 2.6	\$ 5.2	\$ 7.8	\$ 969.5	
179	EL101-E501	EL101-E501	4#500,1#4 Gnd Cu For Equipments	118	10%	130	LF	\$ 7.8	\$ 42.0	\$ 49.8	\$ 6,464.0	
Feeders												
180	EL101-E501	EL101-E501	4#3/0,1#6 Gnd Cu Feeder	65	10%	72	LF	\$ 7.8	\$ 29.0	\$ 36.8	\$ 2,631.2	
181	EL101-E501	EL101-E501	4#4/0,1#4 Gnd Cu Feeder	335	10%	369	LF	\$ 7.8	\$ 33.0	\$ 40.8	\$ 15,034.8	
182	EL101-E501	EL101-E501	3 Sets off 4#400 Cu Feeder	185	10%	204	LF	\$ 23.4	\$ 96.0	\$ 119.4	\$ 24,297.9	
183	EL101-E501	EL101-E501	3 Sets off 4#400 Cu,1#2/0 Gnd Feeder	15	10%	17	LF	\$ 23.4	\$ 116.0	\$ 139.4	\$ 2,300.1	
184	EL101-E501	EL101-E501	5 Sets off 4#600 Cu,1#250 Gnd Feeder	49	10%	54	LF	\$ 39.0	\$ 275.0	\$ 314.0	\$ 16,924.6	
Grounding												
185	EL101-E501	EL101-E501	1#3/0 Gnd Cu	85	10%	94	LF	\$ 2.6	\$ 7.5	\$ 10.1	\$ 944.4	
186	EL101-E501	EL101-E501	3/4"x10" Grounding Rod	2	0%	2	EA	\$ 65.0	\$ 150.0	\$ 215.0	\$ 430.0	
Receptacles												
187	EL101-E501	EL101-E501	Duplex Receptacle	103	0%	103	EA	\$ 45.5	\$ 45.0	\$ 90.5	\$ 9,321.5	
188	EL101-E501	EL101-E501	Duplex Receptacle GFI	6	0%	6	EA	\$ 45.5	\$ 55.0	\$ 100.5	\$ 603.0	
189	EL101-E501	EL101-E501	Above Counter Duplex Receptacle GFI	30	0%	30	EA	\$ 45.5	\$ 45.0	\$ 90.5	\$ 2,715.0	
Light Fixtures												
190	EL101-E501	EL101-E501	DOWNLIGHT EXTERIOR RECESSED CAN A Manf & Model: NA	57	0%	57	EA	\$ 58.5	\$ 125.0	\$ 183.5	\$ 10,459.5	
191	EL101-E501	EL101-E501	DOWNLIGHT RECESSED CAN B Manf & Model: NA	4	0%	4	EA	\$ 58.5	\$ 115.0	\$ 173.5	\$ 694.0	
192	EL101-E501	EL101-E501	SHALLOW RECESSED 2X2 BASKET LIGHTING FIXTURE C Manf & Model: NA	228	0%	228	EA	\$ 58.5	\$ 135.0	\$ 193.5	\$ 44,118.0	
193	EL101-E501	EL101-E501	RECESSED DIRECT/INDIRECT LIGHT D Manf & Model: NA	76	0%	76	EA	\$ 58.5	\$ 145.0	\$ 203.5	\$ 15,466.0	
194	EL101-E501	EL101-E501	SUSPENDED DIRECT-INDIRECT LINEAR FLOURESCENT E Manf & Model: NA	30	0%	30	EA	\$ 58.5	\$ 155.0	\$ 213.5	\$ 6,405.0	
195	EL101-E501	EL101-E501	INDUSTRIAL SURFACE MOUNT STAIRS F Manf & Model: NA	4	0%	4	EA	\$ 58.5	\$ 175.0	\$ 233.5	\$ 934.0	
196	EL101-E501	EL101-E501	RECESSED 2X4 LIGHTING FIXTURE G Manf & Model: NA	33	0%	33	EA	\$ 58.5	\$ 145.0	\$ 203.5	\$ 6,715.5	
197	EL101-E501	EL101-E501	VAPORITTE LED H Manf & Model: NA	2	0%	2	EA	\$ 58.5	\$ 175.0	\$ 233.5	\$ 467.0	
Lighting Control												
198	EL101-E501	EL101-E501	Single Pole Switch	24	0%	24	EA	\$ 45.5	\$ 45.0	\$ 90.5	\$ 2,172.0	
199	EL101-E501	EL101-E501	2-Pole Switch	6	0%	6	EA	\$ 45.5	\$ 55.0	\$ 100.5	\$ 603.0	
200	EL101-E501	EL101-E501	3-Way Switch	10	0%	10	EA	\$ 45.5	\$ 60.0	\$ 105.5	\$ 1,055.0	
201	EL101-E501	EL101-E501	Occupancy Sensor	56	0%	56	EA	\$ 52.0	\$ 150.0	\$ 202.0	\$ 11,312.0	
202	EL101-E501	EL101-E501	Occupancy Sensor Switch	10	0%	10	EA	\$ 52.0	\$ 155.0	\$ 207.0	\$ 2,070.0	
203	EL101-E501	EL101-E501	Programmable Time Clock	1	0%	1	EA	\$ 65.0	\$ 250.0	\$ 315.0	\$ 315.0	
Panel Board & Circuits Breakers												
204	EL101-E501	EL101-E501	Switchboard 800A MCB SWBD-1	1	0%	1	EA	\$ 1,300.0	\$ 12,500.0	\$ 13,800.0	\$ 13,800.0	
205	EL101-E501	EL101-E501	Panel 225A MLO PB	1	0%	1	EA	\$ 1,300.0	\$ 4,000.0	\$ 5,300.0	\$ 5,300.0	
206	EL101-E501	EL101-E501	Panel 225A MLO MB	1	0%	1	EA	\$ 1,300.0	\$ 4,000.0	\$ 5,300.0	\$ 5,300.0	
207	EL101-E501	EL101-E501	Panel 225A MLO P1	1	0%	1	EA	\$ 1,300.0	\$ 4,000.0	\$ 5,300.0	\$ 5,300.0	
208	EL101-E501	EL101-E501	Panel 225A MLO P2	1	0%	1	EA	\$ 1,300.0	\$ 4,000.0	\$ 5,300.0	\$ 5,300.0	
209	EL101-E501	EL101-E501	Panel 225A MLO M2	1	0%	1	EA	\$ 1,300.0	\$ 4,000.0	\$ 5,300.0	\$ 5,300.0	
210	EL101-E501	EL101-E501	Panel 200A MLO M1	1	0%	1	EA	\$ 1,300.0	\$ 3,500.0	\$ 4,800.0	\$ 4,800.0	
EL101-E501	EL101-E501		Panel Schedule Is Not Given									
ATS												
211	EL101-E501	EL101-E501	4P/1000A Automatic Transfer Switch Generator	1	0%	1	EA	\$ 650.0	\$ 11,500.0	\$ 12,150.0	\$ 12,150.0	
212	EL101-E501	EL101-E501	Generator 300 Kw With 1000 A Breaker	1	0%	1	EA	\$ 2,600.0	\$ 165,000.0	\$ 167,600.0	\$ 167,600.0	
213	EL101-E501	EL101-E501	CT Meter With Cabinet	1	0%	1	EA	\$ 650.0	\$ 5,000.0	\$ 5,650.0	\$ 5,650.0	
Miscellaneous												
214	EL101-E501	EL101-E501	Wall Mounted Junction Box	16	0%	16	EA	\$ 19.5	\$ 25.0	\$ 44.5	\$ 712.0	
SUBTOTAL											\$ 535,187	
27 00 00 DIVISION 27 – COMMUNICATION												
Conducts												
215	EL101-E501	EL101-E501	3/4" Emt Conduit Ceiling Stubs	30	10%	33	LF	\$ 2.0	\$ 2.2	\$ 4.15	\$ 136.95	
Conductors												
216	EL101-E501	EL101-E501	Cat 6 Cable	165	10%	182	LF	\$ 1.3	\$ 0.6	\$ 1.9	\$ 344.9	
Devices												
217	EL101-E501	EL101-E501	Data Outlet	17	0%	17	EA	\$ 45.5	\$ 45.0	\$ 90.5	\$ 1,538.5	
SUBTOTAL											\$ 2,020	
28 00 00 DIVISION 28 – ELECTRONIC SAFETY AND SECURITY												
Conducts												
218	FA101-FA103	FA101-FA103	3/4" Emt Conduit	2949	10%	3244	LF	\$ 2.0	\$ 2.2	\$ 4.15	\$ 13,462.19	
Conductors												
219	FA101-FA103	FA101-FA103	2#14 Cu For Fire Alarms	2949	10%	3244	LF	\$ 1.3	\$ 0.8	\$ 2.1	\$ 6,812.2	

