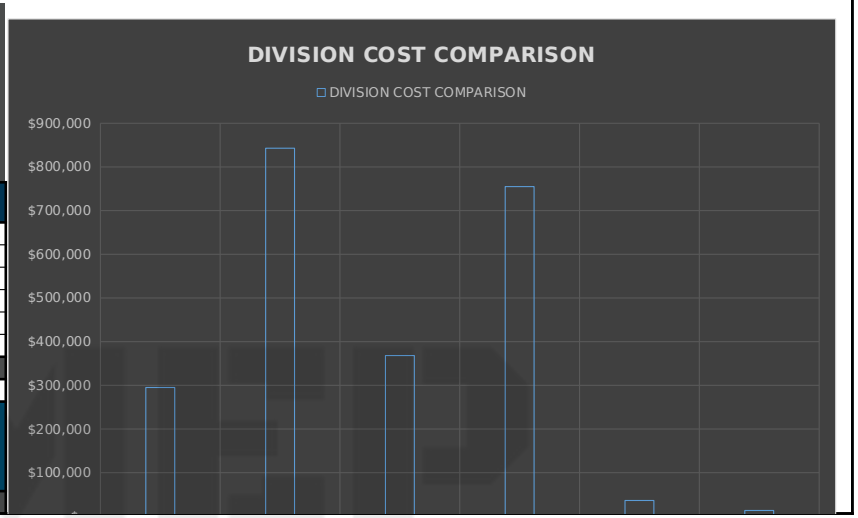
GENERAL SUMMARY

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
Project ID: 24092024
Scope: MEP
No. Of Floors: 5
Date: 28-Sep-26

MEP Estimation
+1 708-381-0900

BUILDING GSF	28,252
Ground Floor (SF)	4,874
Mezzanine (SF)	1,760
2nd Floor (SF)	4,563
3rd Floor (SF)	4,561
4th Floor (SF)	4,561
5th Floor (SF)	4,573
Roof (SF)	3,360

DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 295,000	$ 10.44
22000	Plumbing	$ 842,888	$ 29.83
23000	HVAC	$ 368,179	$ 13.03
26000	Electrical	$ 754,964	$ 26.72
27000	Communications	$ 36,280	$ 1.28
28000	Electronic Safety and Security	$ 13,530	$ 0.48
TOTAL TRADE COST		$ 2,310,840	$ 82
OVERHEAD AND PROFIT	10%	$ 231,084	$ 8.18
INSURANCE	3%	$ 69,325	$ 2.45
CONTINGENCY	5%	$ 115,542	$ 4.09
TAX	7%	$ 84,773	$ 5.73
SUGGESTED BID		$ 2,811,564	$ 102



DETAILED BREAKDOWN OF ITEMS

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
Project ID: 24092024
Scope: MEP

MEP Estimation
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Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 20,000.00	$ 20,000.00
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 85,000.00	$ 85,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 35,000.00	$ 35,000.00
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 15,000.00	$ 15,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 105,000.00	$ 105,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 35,000.00	$ 35,000.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 295,000**
			PLUMBING										
			COLD WATER PIPE (BELOW GRADE)										
			Type "K" Copper Pipe, ASTM B-88										
8			2" Dia Cold Water Pipe	LF	29	10%	32	0.190	$ 70.00	$ 13.30	$ 17.88	$ 31.18	$ 984.35
9			4" Dia Cold Water Pipe	LF	29	10%	32	0.410	$ 70.00	$ 28.70	$ 80.87	$ 109.57	$ 3,492.87
			COLD WATER PIPE FITTINGS										
			ELBOW										
10			2" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	0.727	$ 70.00	$ 50.89	$ 21.48	$ 72.37	$ 144.74
11			4" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	1.778	$ 70.00	$ 124.46	$ 294.08	$ 418.54	$ 837.08
			COLD WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe, ASTM B-88										
12			1/2" Dia Cold Water Pipe	LF	1048	10%	1153	0.099	$ 70.00	$ 6.93	$ 3.56	$ 10.49	$ 12,092.87
13			3/4" Dia Cold Water Pipe	LF	835	10%	919	0.105	$ 70.00	$ 7.35	$ 5.00	$ 12.35	$ 11,343.48
14			1" Dia Cold Water Pipe	LF	458	10%	504	0.118	$ 70.00	$ 8.26	$ 6.84	$ 15.10	$ 7,607.38
15		**Size Assumed**	1-1/2" Dia Cold Water Pipe	LF	56	10%	61	0.154	$ 70.00	$ 10.78	$ 11.39	$ 22.17	$ 1,361.28
16			2" Dia Cold Water Pipe	LF	70	10%	77	0.190	$ 70.00	$ 13.30	$ 17.88	$ 31.18	$ 2,405.66
17			4" Dia Cold Water Pipe	LF	135	10%	148	0.410	$ 70.00	$ 28.70	$ 80.87	$ 109.57	$ 16,259.09
			1" Thick Fire Retardant Armaflex Insulation										
18			1/2" Dia Cold Water Pipe	LF	1048	10%	1153	0.067	$ 70.00	$ 4.69	$ 2.47	$ 7.16	$ 8,254.05
19			3/4" Dia Cold Water Pipe	LF	835	10%	919	0.070	$ 70.00	$ 4.90	$ 2.72	$ 7.62	$ 6,998.97
20			1" Dia Cold Water Pipe	LF	458	10%	504	0.073	$ 70.00	$ 5.11	$ 2.85	$ 7.96	$ 4,010.25
21		**Size Assumed**	1-1/2" Dia Cold Water Pipe	LF	56	10%	61	0.073	$ 70.00	$ 5.11	$ 3.39	$ 8.50	$ 521.92
22			2" Dia Cold Water Pipe	LF	70	10%	77	0.080	$ 70.00	$ 5.60	$ 3.64	$ 9.24	$ 712.90
23			4" Dia Cold Water Pipe	LF	135	10%	148	0.107	$ 70.00	$ 7.49	$ 4.83	$ 12.32	$ 1,828.16
			COLD WATER PIPE FITTINGS										
			ELBOW										
24			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	185	0%	185	0.400	$ 70.00	$ 28.00	$ 1.21	$ 29.21	$ 5,403.85
25			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	87	0%	87	0.421	$ 70.00	$ 29.47	$ 2.62	$ 32.09	$ 2,791.83
26			1" Dia Cold Water Pipe 90 Deg Elbow	EA	58	0%	58	0.500	$ 70.00	$ 35.00	$ 5.94	$ 40.94	$ 2,374.52
27			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	4	0%	4	0.615	$ 70.00	$ 43.05	$ 14.24	$ 57.29	$ 229.16
28			2" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	0.727	$ 70.00	$ 50.89	$ 21.48	$ 72.37	$ 217.11
29			4" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	1.778	$ 70.00	$ 124.46	$ 294.08	$ 418.54	$ 2,511.24

DETAILED BREAKDOWN OF ITEMS

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Project ID: 24092024
Scope: MEP

MEP Estimation
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Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			TEE										
30			1/2" Dia Cold Water Pipe Tee	EA	53	0%	53	0.615	$ 70.00	$ 43.05	$ 1.89	$ 44.94	$ 2,381.82
31			3/4" Dia Cold Water Pipe Tee	EA	10	0%	10	0.667	$ 70.00	$ 46.69	$ 4.52	$ 51.21	$ 512.10
32			1" Dia Cold Water Pipe Tee	EA	42	0%	42	0.800	$ 70.00	$ 56.00	$ 13.64	$ 69.64	$ 2,924.88
33			1-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	1.000	$ 70.00	$ 70.00	$ 24.48	$ 94.48	$ 94.48
34			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	38	0%	38	0.571	$ 70.00	$ 39.97	$ 6.64	$ 46.61	$ 1,771.18
35			1" / 1/2" Dia Cold Water Pipe Tee	EA	7	0%	7	0.571	$ 70.00	$ 39.97	$ 6.64	$ 46.61	$ 326.27
36			1" / 3/4" Dia Cold Water Pipe Tee	EA	11	0%	11	0.667	$ 70.00	$ 46.69	$ 3.83	$ 50.52	$ 555.72
37			1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2	0.571	$ 70.00	$ 39.97	$ 6.64	$ 46.61	$ 93.22
38			1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.667	$ 70.00	$ 46.69	$ 3.83	$ 50.52	$ 50.52
39			1-1/2" / 1" Dia Cold Water Pipe Tee	EA	1	0%	1	0.727	$ 70.00	$ 50.89	$ 8.39	$ 59.28	$ 59.28
40			2" / 1" Dia Cold Water Pipe Tee	EA	1	0%	1	0.727	$ 70.00	$ 50.89	$ 8.39	$ 59.28	$ 59.28
41			2" / 1-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.889	$ 70.00	$ 62.23	$ 15.23	$ 77.46	$ 77.46
			REDUCER										
42			3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	25	0%	25	0.348	$ 70.00	$ 24.36	$ 1.36	$ 25.72	$ 643.00
43			1" / 1/2" Dia Cold Water Pipe Reducer	EA	12	0%	12	0.348	$ 70.00	$ 24.36	$ 1.36	$ 25.72	$ 308.64
44			1" / 3/4" Dia Cold Water Pipe Reducer	EA	12	0%	12	0.372	$ 70.00	$ 26.04	$ 2.41	$ 28.45	$ 341.40
45			1-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.372	$ 70.00	$ 26.04	$ 2.41	$ 28.45	$ 28.45
46			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.410	$ 70.00	$ 28.70	$ 3.29	$ 31.99	$ 31.99
47			2" / 1" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.410	$ 70.00	$ 28.70	$ 3.29	$ 31.99	$ 31.99
			HOT WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe, ASTM B-88										
48			1/2" Dia Hot Water Pipe	LF	1670	10%	1837	0.099	$ 70.00	$ 6.93	$ 3.56	$ 10.49	$ 19,270.13
49			3/4" Dia Hot Water Pipe	LF	400	10%	440	0.105	$ 70.00	$ 7.35	$ 5.00	$ 12.35	$ 5,434.00
			1" Thick Fire Retardant Armaflex Insulation										
50			1/2" Dia Hot Water Pipe	LF	1670	10%	1837	0.067	$ 70.00	$ 4.69	$ 2.47	$ 7.16	$ 13,152.92
51			3/4" Dia Hot Water Pipe	LF	400	10%	440	0.070	$ 70.00	$ 4.90	$ 2.72	$ 7.62	$ 3,352.80
			HOT WATER PIPE FITTINGS										
			ELBOW										
52			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	231	0%	231	0.400	$ 70.00	$ 28.00	$ 1.21	$ 29.21	$ 6,747.51
53			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	52	0%	52	0.421	$ 70.00	$ 29.47	$ 2.62	$ 32.09	$ 1,668.68
			TEE										
54			1/2" Dia Hot Water Pipe Tee	EA	83	0%	83	0.615	$ 70.00	$ 43.05	$ 1.89	$ 44.94	$ 3,730.02
55			3/4" Dia Hot Water Pipe Tee	EA	32	0%	32	0.667	$ 70.00	$ 46.69	$ 4.52	$ 51.21	$ 1,638.72
56			3/4" / 1/2" Dia Hot Water Pipe Tee	EA	11	0%	11	0.667	$ 70.00	$ 46.69	$ 3.83	$ 50.52	$ 555.72
			REDUCER										
57			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	29	0%	29	0.348	$ 70.00	$ 24.36	$ 1.36	$ 25.72	$ 745.88
			HOT WATER RETURN PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe, ASTM B-88										
58			1/2" Dia Hot Water Return Pipe	LF	64	10%	71	0.099	$ 70.00	$ 6.93	$ 3.56	$ 10.49	$ 740.80
			1" Thick Fire Retardant Armaflex Insulation										
59			1/2" Dia Hot Water Return Pipe	LF	64	10%	71	0.067	$ 70.00	$ 4.69	$ 2.47	$ 7.16	$ 505.64
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
60			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	9	0%	9	0.400	$ 70.00	$ 28.00	$ 1.21	$ 29.21	$ 262.89
			CONDENSATE DRAIN PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe										
61			3/4" Dia Condensate Drain Pipe	LF	71	10%	78	0.135	$ 70.00	$ 9.45	$ 3.50	$ 12.95	$ 1,010.54
62			2" Dia Condensate Drain Pipe	LF	115	10%	127	0.271	$ 70.00	$ 18.97	$ 5.69	$ 24.66	$ 3,131.15
			CONDENSATE DRAIN PIPE FITTINGS										
			ELBOW										
63			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.300	$ 70.00	$ 21.00	$ 1.25	$ 22.25	$ 89.00
64			2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	2	0%	2	0.483	$ 70.00	$ 33.81	$ 3.77	$ 37.58	$ 75.16
65			3/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	7	0%	7	0.300	$ 70.00	$ 21.00	$ 1.33	$ 22.33	$ 156.31
66			2" Dia Condensate Drain Pipe 45 Deg Elbow	EA	8	0%	8	0.483	$ 70.00	$ 33.81	$ 3.50	$ 37.31	$ 298.48
			TEE										

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67			2" Dia Condensate Drain Pipe Tee	EA	1	0%	1	0.800	$ 70.00	$ 56.00	$ 6.14	$ 62.14	$ 62.14
68			2" / 3/4" Dia Condensate Drain Pipe Tee	EA	3	0%	3	0.350	$ 70.00	$ 24.50	$ 5.25	$ 29.75	$ 89.25
			REDUCER										
69			2" / 3/4" Dia Condensate Drain Pipe Reducer	EA	1	0%	1	0.650	$ 70.00	$ 45.50	$ 0.98	$ 46.48	$ 46.48
			CONDENSATE DRAIN PIPE (ABOVE GRADE)										
			Type "M" Copper Pipe, ASTM B-88										
70			3/4" Dia Condensate Drain Pipe	LF	21	10%	23	0.105	$ 70.00	$ 7.35	$ 5.00	$ 12.35	$ 282.02
71			1" Dia Condensate Drain Pipe	LF	141	10%	155	0.118	$ 70.00	$ 8.26	$ 6.84	$ 15.10	$ 2,341.01
72			1-1/4" Dia Condensate Drain Pipe	LF	105	10%	116	0.138	$ 70.00	$ 9.66	$ 9.14	$ 18.80	$ 2,179.05
73			2" Dia Condensate Drain Pipe	LF	22	10%	25	0.190	$ 70.00	$ 13.30	$ 17.88	$ 31.18	$ 764.85
			3/4" Thick Fire Retardant Armaflex Insulation										
74			3/4" Dia Condensate Drain Pipe	LF	21	10%	23	0.067	$ 70.00	$ 4.69	$ 2.30	$ 6.99	$ 159.62
75			1" Dia Condensate Drain Pipe	LF	141	10%	155	0.070	$ 70.00	$ 4.90	$ 2.39	$ 7.29	$ 1,130.20
76			1-1/4" Dia Condensate Drain Pipe	LF	105	10%	116	0.073	$ 70.00	$ 5.11	$ 2.65	$ 7.76	$ 899.44
77			2" Dia Condensate Drain Pipe	LF	22	10%	25	0.076	$ 70.00	$ 5.32	$ 3.13	$ 8.45	$ 207.28
			PLANTER DRAIN PIPE FITTINGS										
			ELBOW										
78			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	8	0%	8	0.421	$ 70.00	$ 29.47	$ 2.62	$ 32.09	$ 256.72
79			1" Dia Condensate Drain Pipe 90 Deg Elbow	EA	28	0%	28	0.500	$ 70.00	$ 35.00	$ 5.94	$ 40.94	$ 1,146.32
80			1-1/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	7	0%	7	0.533	$ 70.00	$ 37.31	$ 8.29	$ 45.60	$ 319.20
81			2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	2	0%	2	0.727	$ 70.00	$ 50.89	$ 21.48	$ 72.37	$ 144.74
82			1" Dia Condensate Drain Pipe 45 Deg Elbow	EA	5	0%	5	0.500	$ 70.00	$ 35.00	$ 6.12	$ 41.12	$ 205.60
83			1-1/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	2	0%	2	0.533	$ 70.00	$ 37.31	$ 8.99	$ 46.30	$ 92.60
			TEE										
84			1" / 3/4" Dia Condensate Drain Pipe Tee	EA	2	0%	2	0.667	$ 70.00	$ 46.69	$ 3.83	$ 50.52	$ 101.04
85			1-1/4" / 3/4" Dia Condensate Drain Pipe Tee	EA	2	0%	2	0.667	$ 70.00	$ 46.69	$ 3.83	$ 50.52	$ 101.04
86			2" / 1" Dia Condensate Drain Pipe Tee	EA	1	0%	1	0.727	$ 70.00	$ 50.89	$ 8.39	$ 59.28	$ 59.28
			REDUCER										
87			2" / 1-1/4" Dia Condensate Drain Pipe Reducer	EA	1	0%	1	0.444	$ 70.00	$ 31.08	$ 4.96	$ 36.04	$ 36.04
			PLANTER DRAIN PIPE (ABOVE GRADE)										
		Assumed	**Type "M" Copper Pipe, ASTM B-88**										
88			2" Dia Planter Drain Pipe	LF	25	10%	27	0.190	$ 70.00	$ 13.30	$ 17.88	$ 31.18	$ 845.45
			PLANTER DRAIN PIPE FITTINGS										
			ELBOW										
89			2" Dia Planter Drain Pipe 90 Deg Elbow	EA	3	0%	3	0.727	$ 70.00	$ 50.89	$ 21.48	$ 72.37	$ 217.11
90			2" Dia Planter Drain Pipe 45 Deg Elbow	EA	1	0%	1	0.727	$ 70.00	$ 50.89	$ 25.23	$ 76.12	$ 76.12
			DECK DRAIN PIPE (ABOVE GRADE)										
		Assumed	**Schedule 40 PVC Pipe**										
91			4" Dia Deck Drain Pipe	LF	32	10%	35	0.333	$ 70.00	$ 23.31	$ 22.98	$ 46.29	$ 1,624.83
92			6" Dia Deck Drain Pipe	LF	4	10%	5	0.410	$ 70.00	$ 28.70	$ 48.95	$ 77.65	$ 377.53
			DECK DRAIN PIPE FITTINGS										
			ELBOW										
93			4" Dia Deck Drain Pipe 45 Deg Elbow	EA	4	0%	4	0.879	$ 70.00	$ 61.53	$ 23.98	$ 85.51	$ 342.04
			WYE										
94			6" / 4" Dia Deck Drain Pipe Wye	EA	2	0%	2	2.319	$ 70.00	$ 162.33	$ 114.89	$ 277.22	$ 554.44
			WASTE PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe, ASTM D2665										
95			2" Dia Waste Pipe	LF	7	10%	7	0.271	$ 70.00	$ 18.97	$ 9.69	$ 28.66	$ 213.12
96			3" Dia Waste Pipe	LF	59	10%	65	0.302	$ 70.00	$ 21.14	$ 17.28	$ 38.42	$ 2,486.70
97			4" Dia Waste Pipe	LF	106	10%	116	0.333	$ 70.00	$ 23.31	$ 22.98	$ 46.29	$ 5,388.76
98			6" Dia Waste Pipe	LF	83	10%	91	0.410	$ 70.00	$ 28.70	$ 48.95	$ 77.65	$ 7,048.45
			WASTE PIPE FITTINGS										
			ELBOW										
99			2" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2	0.440	$ 70.00	$ 30.80	$ 3.00	$ 33.80	$ 67.60
100			3" Dia Waste Pipe 90 Deg Elbow	EA	5	0%	5	0.699	$ 70.00	$ 48.93	$ 11.21	$ 60.14	$ 300.70
101			4" Dia Waste Pipe 90 Deg Elbow	EA	7	0%	7	0.879	$ 70.00	$ 61.53	$ 18.28	$ 79.81	$ 558.67

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102			6" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1	1.441	$ 70.00	$ 100.87	$ 325.25	$ 426.12	$ 426.12
103			2" Dia Waste Pipe 45 Deg Elbow	EA	2	0%	2	0.440	$ 70.00	$ 30.80	$ 3.30	$ 34.10	$ 68.20
104			3" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5	0.699	$ 70.00	$ 48.93	$ 13.04	$ 61.97	$ 309.85
105			4" Dia Waste Pipe 45 Deg Elbow	EA	12	0%	12	0.879	$ 70.00	$ 61.53	$ 23.98	$ 85.51	$ 1,026.12
106			6" Dia Waste Pipe 45 Deg Elbow	EA	2	0%	2	1.441	$ 70.00	$ 100.87	$ 58.94	$ 159.81	$ 319.62
			WYE										
107			3" Dia Waste Pipe Wye	EA	5	0%	5	1.053	$ 70.00	$ 73.71	$ 11.03	$ 84.74	$ 423.70
108			4" Dia Waste Pipe Wye	EA	13	0%	13	1.322	$ 70.00	$ 92.54	$ 27.47	$ 120.01	$ 1,560.13
109			6" Dia Waste Pipe Wye	EA	3	0%	3	2.162	$ 70.00	$ 151.34	$ 88.81	$ 240.15	$ 720.45
110			3" / 2" Dia Waste Pipe Wye	EA	1	0%	1	1.311	$ 70.00	$ 91.77	$ 21.98	$ 113.75	$ 113.75
111			6" / 4" Dia Waste Pipe Wye	EA	2	0%	2	2.319	$ 70.00	$ 162.33	$ 114.89	$ 277.22	$ 554.44
			REDUCER										
112			3" / 2" Dia Waste Pipe Reducer	EA	1	0%	1	0.400	$ 70.00	$ 28.00	$ 2.10	$ 30.10	$ 30.10
113			4" / 2" Dia Waste Pipe Reducer	EA	3	0%	3	0.655	$ 70.00	$ 45.85	$ 14.36	$ 60.21	$ 180.64
114			4" / 3" Dia Waste Pipe Reducer	EA	1	0%	1	0.785	$ 70.00	$ 54.95	$ 16.80	$ 71.75	$ 71.75
115			6" / 4" Dia Waste Pipe Reducer	EA	1	0%	1	1.441	$ 70.00	$ 100.87	$ 261.00	$ 361.87	$ 361.87
			WASTE PIPE (ABOVE GRADE)										
			Schedule 40 PVC Pipe, ASTM D2665										
116			1" Dia Waste Pipe	LF	51	10%	56	0.154	$ 70.00	$ 10.78	$ 8.09	$ 18.87	$ 1,053.63
117			2" Dia Waste Pipe	LF	1145	10%	1260	0.271	$ 70.00	$ 18.97	$ 9.69	$ 28.66	$ 36,099.16
118			3" Dia Waste Pipe	LF	676	10%	744	0.302	$ 70.00	$ 21.14	$ 17.28	$ 38.42	$ 28,583.48
119			4" Dia Waste Pipe	LF	330	10%	363	0.333	$ 70.00	$ 23.31	$ 22.98	$ 46.29	$ 16,820.07
			WASTE PIPE FITTINGS										
			ELBOW										
120			1" Dia Waste Pipe 90 Deg Elbow	EA	12	0%	12	0.320	$ 70.00	$ 22.40	$ 1.30	$ 23.70	$ 284.40
121			2" Dia Waste Pipe 90 Deg Elbow	EA	132	0%	132	0.440	$ 70.00	$ 30.80	$ 3.00	$ 33.80	$ 4,461.60
122			3" Dia Waste Pipe 90 Deg Elbow	EA	53	0%	53	0.699	$ 70.00	$ 48.93	$ 11.21	$ 60.14	$ 3,187.42
123			4" Dia Waste Pipe 90 Deg Elbow	EA	9	0%	9	0.879	$ 70.00	$ 61.53	$ 18.28	$ 79.81	$ 718.29
124			1" Dia Waste Pipe 45 Deg Elbow	EA	12	0%	12	0.320	$ 70.00	$ 22.40	$ 1.44	$ 23.84	$ 286.08
125			2" Dia Waste Pipe 45 Deg Elbow	EA	235	0%	235	0.440	$ 70.00	$ 30.80	$ 3.30	$ 34.10	$ 8,013.50
126			3" Dia Waste Pipe 45 Deg Elbow	EA	46	0%	46	0.699	$ 70.00	$ 48.93	$ 13.04	$ 61.97	$ 2,850.62
127			4" Dia Waste Pipe 45 Deg Elbow	EA	23	0%	23	0.879	$ 70.00	$ 61.53	$ 23.98	$ 85.51	$ 1,966.73
			WYE										
128			2" Dia Waste Pipe Wye	EA	69	0%	69	0.661	$ 70.00	$ 46.27	$ 3.77	$ 50.04	$ 3,452.76
129			3" Dia Waste Pipe Wye	EA	46	0%	46	1.053	$ 70.00	$ 73.71	$ 11.03	$ 84.74	$ 3,898.04
130			4" Dia Waste Pipe Wye	EA	8	0%	8	1.322	$ 70.00	$ 92.54	$ 27.47	$ 120.01	$ 960.08
131			3" / 2" Dia Waste Pipe Wye	EA	39	0%	39	1.311	$ 70.00	$ 91.77	$ 21.98	$ 113.75	$ 4,436.25
132			4" / 2" Dia Waste Pipe Wye	EA	2	0%	2	1.311	$ 70.00	$ 91.77	$ 21.98	$ 113.75	$ 227.50
133			4" / 3" Dia Waste Pipe Wye	EA	9	0%	9	1.322	$ 70.00	$ 92.54	$ 29.97	$ 122.51	$ 1,102.59
			REDUCER										
134	**P-100, P-102, P-103, P-105, P-106, P-107, P-400 & P-401**		3" / 2" Dia Waste Pipe Reducer	EA	30	0%	30	0.400	$ 70.00	$ 28.00	$ 2.10	$ 30.10	$ 903.00
135			4" / 2" Dia Waste Pipe Reducer	EA	1	0%	1	0.655	$ 70.00	$ 45.85	$ 14.36	$ 60.21	$ 60.21
136			4" / 3" Dia Waste Pipe Reducer	EA	5	0%	5	0.785	$ 70.00	$ 54.95	$ 16.80	$ 71.75	$ 358.75
			GREASE WASTE PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe, ASTM D2665										
137			4" Dia Grease Waste Pipe	LF	81	10%	89	0.333	$ 70.00	$ 23.31	$ 22.98	$ 46.29	$ 4,113.75
			GREASE WASTE PIPE FITTINGS										
			ELBOW										
138			4" Dia Grease Waste Pipe 90 Deg Elbow	EA	2	0%	2	0.879	$ 70.00	$ 61.53	$ 18.28	$ 79.81	$ 159.62
139			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	7	0%	7	0.879	$ 70.00	$ 61.53	$ 23.98	$ 85.51	$ 598.57
			WYE										
140			4" Dia Grease Waste Pipe Wye	EA	2	0%	2	1.322	$ 70.00	$ 92.54	$ 27.47	$ 120.01	$ 240.02
			VENT PIPE (ABOVE GRADE)										
			Schedule 40 PVC Pipe, ASTM D2665										
141			2" Dia Vent Pipe	LF	482	10%	530	0.271	$ 70.00	$ 18.97	$ 5.69	$ 24.66	$ 13,073.65
142			3" Dia Vent Pipe	LF	608	10%	669	0.302	$ 70.00	$ 21.14	$ 17.28	$ 38.42	$ 25,710.09

DETAILED BREAKDOWN OF ITEMS

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Project ID: 24092024
Scope: MEP

MEP Estimation
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Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			VENT PIPE FITTINGS										
			ELBOW										
143			2" Dia Vent Pipe 90 Deg Elbow	EA	55	0%	55	0.483	$ 70.00	$ 33.81	$ 3.77	$ 37.58	$ 2,066.90
144			3" Dia Vent Pipe 90 Deg Elbow	EA	23	0%	23	0.699	$ 70.00	$ 48.93	$ 11.21	$ 60.14	$ 1,383.22
145			3" Dia Vent Pipe 45 Deg Elbow	EA	4	0%	4	0.699	$ 70.00	$ 48.93	$ 13.04	$ 61.97	$ 247.88
			TEE										
146			2" Dia Vent Pipe Tee	EA	2	0%	2	0.800	$ 70.00	$ 56.00	$ 6.14	$ 62.14	$ 124.28
147			3" Dia Vent Pipe Tee	EA	6	0%	6	1.053	$ 70.00	$ 73.71	$ 11.03	$ 84.74	$ 508.44
148			3" / 2" Dia Vent Pipe Tee	EA	39	0%	39	1.311	$ 70.00	$ 91.77	$ 21.98	$ 113.75	$ 4,436.25
			REDUCER										
149			3" / 2" Dia Vent Pipe Reducer	EA	1	0%	1	0.400	$ 70.00	$ 28.00	$ 2.10	$ 30.10	$ 30.10
			OVERFLOW DRAIN PIPE (ABOVE GRADE)										
			Schedule 40 PVC Pipe, ASTM D2665										
150			4" Dia Overflow Drain Pipe	LF	453	10%	499	0.333	$ 70.00	$ 23.31	$ 22.98	$ 46.29	$ 23,087.69
151			6" Dia Overflow Drain Pipe	LF	20	10%	22	0.410	$ 70.00	$ 28.70	$ 48.95	$ 77.65	$ 1,740.76
			OVERFLOW DRAIN PIPE FITTINGS										
			ELBOW										
152			4" Dia Overflow Drain Pipe 90 Deg Elbow	EA	32	0%	32	0.879	$ 70.00	$ 61.53	$ 18.28	$ 79.81	$ 2,553.92
153			4" Dia Overflow Drain Pipe 45 Deg Elbow	EA	32	0%	32	0.879	$ 70.00	$ 61.53	$ 23.98	$ 85.51	$ 2,736.32
			WYE										
154			4" Dia Overflow Drain Pipe Wye	EA	1	0%	1	1.322	$ 70.00	$ 92.54	$ 27.47	$ 120.01	$ 120.01
155			6" / 4" Dia Overflow Drain Pipe Wye	EA	1	0%	1	2.319	$ 70.00	$ 162.33	$ 114.89	$ 277.22	$ 277.22
			REDUCER										
156			6" / 4" Dia Overflow Drain Pipe Reducer	EA	1	0%	1	1.441	$ 70.00	$ 100.87	$ 261.00	$ 361.87	$ 361.87
			RAIN WATER LEADER PIPE (BELOW GRADE)										
		Assumed	**Schedule 40 PVC Pipe, ASTM D2665**										
157			4" Dia Rain Water Leader Pipe	LF	55	10%	60	0.333	$ 70.00	$ 23.31	$ 22.98	$ 46.29	$ 2,795.45
158			6" Dia Rain Water Leader Pipe	LF	50	10%	55	0.410	$ 70.00	$ 28.70	$ 48.95	$ 77.65	$ 4,272.46
159			8" Dia Rain Water Leader Pipe	LF	78	10%	86	0.500	$ 70.00	$ 35.00	$ 57.90	$ 92.90	$ 8,019.87
			RAIN WATER LEADER PIPE FITTINGS										
			ELBOW										
160			4" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	2	0%	2	0.879	$ 70.00	$ 61.53	$ 18.28	$ 79.81	$ 159.62
161			6" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	4	0%	4	1.441	$ 70.00	$ 100.87	$ 325.25	$ 426.12	$ 1,704.48
162			8" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	2	0%	2	2.581	$ 70.00	$ 180.67	$ 65.20	$ 245.87	$ 491.74
163			4" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	4	0%	4	0.879	$ 70.00	$ 61.53	$ 23.98	$ 85.51	$ 342.04
164			6" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	2	0%	2	1.441	$ 70.00	$ 100.87	$ 58.94	$ 159.81	$ 319.62
165			8" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	4	0%	4	2.581	$ 70.00	$ 180.67	$ 69.38	$ 250.05	$ 1,000.20
			WYE										
166			4" Dia Rain Water Leader Pipe Wye	EA	1	0%	1	1.322	$ 70.00	$ 92.54	$ 27.47	$ 120.01	$ 120.01
167			6" Dia Rain Water Leader Pipe Wye	EA	2	0%	2	2.162	$ 70.00	$ 151.34	$ 88.81	$ 240.15	$ 480.30
168			8" / 4" Dia Rain Water Leader Pipe Wye	EA	2	0%	2	2.319	$ 70.00	$ 162.33	$ 114.89	$ 277.22	$ 554.44
169			8" / 6" Dia Rain Water Leader Pipe Wye	EA	2	0%	2	3.750	$ 70.00	$ 262.50	$ 238.94	$ 501.44	$ 1,002.88
			REDUCER										
170			8" / 6" Dia Rain Water Leader Pipe Reducer	EA	1	0%	1	2.353	$ 70.00	$ 164.71	$ 510.05	$ 674.76	$ 674.76
			RAIN WATER LEADER PIPE (ABOVE GRADE)										
		Assumed	**Schedule 40 PVC Pipe, ASTM D2665**										
171			4" Dia Rain Water Leader Pipe	LF	745	10%	820	0.333	$ 70.00	$ 23.31	$ 22.98	$ 46.29	$ 37,957.57
172			6" Dia Rain Water Leader Pipe	LF	55	10%	61	0.410	$ 70.00	$ 28.70	$ 48.95	$ 77.65	$ 4,734.55
			RAIN WATER LEADER PIPE FITTINGS										
			ELBOW										
173			4" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	58	0%	58	0.879	$ 70.00	$ 61.53	$ 18.28	$ 79.81	$ 4,628.98
174			6" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	1	0%	1	1.441	$ 70.00	$ 100.87	$ 325.25	$ 426.12	$ 426.12
175			4" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	26	0%	26	0.879	$ 70.00	$ 61.53	$ 23.98	$ 85.51	$ 2,223.26
176			6" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	1	0%	1	1.441	$ 70.00	$ 100.87	$ 58.94	$ 159.81	$ 159.81
			WYE										
177			4" Dia Rain Water Leader Pipe Wye	EA	4	0%	4	1.322	$ 70.00	$ 92.54	$ 27.47	$ 120.01	$ 480.04

DETAILED BREAKDOWN OF ITEMS

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Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
178			6" / 4" Dia Rain Water Leader Pipe Wye	EA	3	0%	3	2.319	$ 70.00	$ 162.33	$ 114.89	$ 277.22	$ 831.66
			REDUCER										
179			6" / 4" Dia Rain Water Leader Pipe Reducer	EA	1	0%	1	1.441	$ 70.00	$ 100.87	$ 261.00	$ 361.87	$ 361.87
			GAS PIPE (BELOW GRADE)										
			Schedule 40 Black Steel Pipe, ASTM-53										
180			2" Dia Gas Pipe	LF	8	10%	9	0.200	$ 70.00	$ 14.00	$ 25.97	$ 39.97	$ 347.34
			GAS PIPE FITTINGS										
			ELBOW										
181			2" Dia Gas Pipe 90 Deg Elbow	EA	2	0%	2	0.320	$ 70.00	$ 22.40	$ 73.93	$ 96.33	$ 192.66
			GAS PIPE (ABOVE GRADE)										
			Schedule 40 Black Steel Pipe, ASTM-53										
182			2" Dia Gas Pipe	LF	175	10%	193	0.200	$ 70.00	$ 14.00	$ 25.97	$ 39.97	$ 7,710.05
			GAS PIPE FITTINGS										
			ELBOW										
183			2" Dia Gas Pipe 90 Deg Elbow	EA	8	0%	8	0.320	$ 70.00	$ 22.40	$ 73.93	$ 96.33	$ 770.64
			TEE										
184			2" Dia Gas Pipe Tee	EA	1	0%	1	0.471	$ 70.00	$ 32.97	$ 113.89	$ 146.86	$ 146.86
			PLUMBING FIXTURES										
185			WC: Water Closet Tank Type, Remarks: REGULAR - (UNITS)Notes:1. Provide	EA	36	0%	36	3.200	$ 70.00	$ 224.00	$ 1,297.00	$ 1,521.00	$ 54,756.00
186			WC-H: Water Closet Flush Valve, Remarks: REGULAR (PUBLIC REST)Notes:	EA	2	0%	2	3.200	$ 70.00	$ 224.00	$ 1,297.00	$ 1,521.00	$ 3,042.00
187			LAV: Lavatory Wall Mounted, Remarks: REGULARNotes:1. Provide Shock Abs	EA	36	0%	36	2.453	$ 70.00	$ 171.71	$ 1,261.00	$ 1,432.71	$ 51,577.56
188			LAV-H: Lavatory Wall Mounted, Remarks: HANDICAPNotes:1. Provide Shock A	EA	2	0%	2	2.453	$ 70.00	$ 171.71	$ 1,261.00	$ 1,432.71	$ 2,865.42
189			SH: Shower, Remarks: Note 5Notes:1. Provide Shock Absorbers At All Plumbing	EA	36	0%	36	3.200	$ 70.00	$ 224.00	$ 1,305.00	$ 1,529.00	$ 55,044.00
190			1/2" Dia HB: Hose Bibb, CHICAGO 837	EA	2	0%	2	0.450	$ 70.00	$ 31.50	$ 188.00	$ 219.50	$ 439.00
191			1/2" Dia HB: Hose Bibb, CHICAGO 837	EA	2	0%	2	0.450	$ 70.00	$ 31.50	$ 188.00	$ 219.50	$ 439.00
192			3/4" Dia HB: Hose Bibb, CHICAGO 837	EA	4	0%	4	0.450	$ 70.00	$ 31.50	$ 170.00	$ 201.50	$ 806.00
193			DW: Dishwasher	EA	18	0%	18	2.450	$ 70.00	$ 171.50	$ 1,350.00	$ 1,521.50	$ 27,387.00
194			SK: Sink	EA	5	0%	5	2.120	$ 70.00	$ 148.40	$ 343.00	$ 491.40	$ 2,457.00
195		**Schedule Not Given**	Kitchen Sink	EA	18	0%	18	2.450	$ 70.00	$ 171.50	$ 539.00	$ 710.50	$ 12,789.00
196			Washing Machine	EA	7	0%	7	2.000	$ 70.00	$ 140.00	$ 597.60	$ 737.60	$ 5,163.20
197			W/D: Washer Dryer	EA	10	0%	10	3.890	$ 70.00	$ 272.30	$ 1,798.00	$ 2,070.30	$ 20,703.00
			WATER HEATER										
198			EWH-1: Electric Water Heater, RHEEM XE47SB06ST45U0, Nominal Capacity: 4	EA	17	0%	17	2.200	$ 70.00	$ 154.00	$ 646.80	$ 800.80	$ 13,613.60
199			TWH-1: Tankless Water Heater, STIEBEL ELTRON MINI E-2.5-1, Temperature	EA	1	0%	1	1.000	$ 70.00	$ 70.00	$ 214.80	$ 284.80	$ 284.80
			GREASE INTERCEPTOR										
200			100 GPM Polyethylene Grease Interceptor, SI-500-B	EA	1	0%	1	3.560	$ 70.00	$ 249.20	$ 13,532.40	$ 13,781.60	$ 13,781.60
			GREASE INTERCEPTOR DETAILS										
201			Sampling Port, SCHIER SV10	EA	1	0%	1	1.450	$ 70.00	$ 101.50	$ 535.20	$ 636.70	$ 636.70
202			125 Gallon Polyethylene Solid Interceptor, SI-75	EA	1	0%	1	2.120	$ 70.00	$ 148.40	$ 3,398.40	$ 3,546.80	$ 3,546.80
			PUMP										
203			Domestic Water Booster Pump	EA	1	0%	1	2.250	$ 70.00	$ 157.50	$ 1,632.00	$ 1,789.50	$ 1,789.50
204		**Schedule Not Given**	Elevator Sump Pump	EA	1	0%	1	3.000	$ 70.00	$ 210.00	$ 1,850.00	$ 2,060.00	$ 2,060.00
205			Recirculation Pump	EA	1	0%	1	1.560	$ 70.00	$ 109.20	$ 1,170.00	$ 1,279.20	$ 1,279.20
			MISCELLANEOUS										
206			1/2" Dia Shock Absorber	EA	174	0%	174	0.256	$ 70.00	$ 17.92	$ 35.00	$ 52.92	$ 9,208.08
207			2" Dia Gas Pipe Regulator	EA	2	0%	2	1.120	$ 70.00	$ 78.40	$ 695.00	$ 773.40	$ 1,546.80
208			1-1/4" Dia P-Trap	EA	27	0%	27	0.330	$ 70.00	$ 23.10	$ 18.00	$ 41.10	$ 1,109.70
209			1-1/2" Dia P-Trap	EA	36	0%	36	0.358	$ 70.00	$ 25.06	$ 25.89	$ 50.95	$ 1,834.20
210			2" Dia Gas Pipe Cap	EA	3	0%	3	0.250	$ 70.00	$ 17.50	$ 13.00	$ 30.50	$ 91.50
211			4" Dia Pipe Cap	EA	3	0%	3	0.280	$ 70.00	$ 19.60	$ 17.00	$ 36.60	$ 109.80

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212			3" Dia Vent Through Roof	EA	13	0%	13	0.850	$ 70.00	$ 59.50	$ 180.00	$ 239.50	$ 3,113.50
			CLEANOUTS & DRAINS										
213			3" Dia Clean Out	EA	4	0%	4	0.560	$ 70.00	$ 39.20	$ 45.00	$ 84.20	$ 336.80
214			4" Dia Clean Out	EA	5	0%	5	0.566	$ 70.00	$ 39.62	$ 50.00	$ 89.62	$ 448.10
215			6" Dia Clean Out	EA	2	0%	2	0.690	$ 70.00	$ 48.30	$ 89.00	$ 137.30	$ 274.60
216			2" Dia Wall Clean Out, JOSAM SERIES 58750	EA	24	0%	24	0.280	$ 70.00	$ 19.60	$ 20.00	$ 39.60	$ 950.40
217			3" Dia Floor Clean Out, JOSAM SERIES 56020	EA	1	0%	1	0.350	$ 70.00	$ 24.50	$ 65.00	$ 89.50	$ 89.50
218			4" Dia Floor Clean Out, JOSAM SERIES 56020	EA	1	0%	1	0.400	$ 70.00	$ 28.00	$ 72.00	$ 100.00	$ 100.00
219			6" Dia Floor Clean Out, JOSAM SERIES 56020	EA	2	0%	2	0.420	$ 70.00	$ 29.40	$ 85.00	$ 114.40	$ 228.80
220			4" Dia Roof Drain	EA	17	0%	17	0.650	$ 70.00	$ 45.50	$ 312.00	$ 357.50	$ 6,077.50
221			3" Dia Floor Drain	EA	2	0%	2	0.850	$ 70.00	$ 59.50	$ 295.00	$ 354.50	$ 709.00
222			4" Dia Floor Drain	EA	2	0%	2	0.895	$ 70.00	$ 62.65	$ 365.00	$ 427.65	$ 855.30
223			4" Dia Hub Drain	EA	3	0%	3	0.450	$ 70.00	$ 31.50	$ 70.00	$ 101.50	$ 304.50
224			4" Dia Area Drain	EA	2	0%	2	0.650	$ 70.00	$ 45.50	$ 118.80	$ 164.30	$ 328.60
225			4" Dia Over Flow Drain, JOSAM SERIES M	EA	2	0%	2	0.890	$ 70.00	$ 62.30	$ 275.00	$ 337.30	$ 674.60
226			4" Dia Deck Drain	EA	2	0%	2	1.120	$ 70.00	$ 78.40	$ 225.00	$ 303.40	$ 606.80
227			6" Dia Deck Drain	EA	1	0%	1	0.400	$ 70.00	$ 28.00	$ 78.00	$ 106.00	$ 106.00
			VALVES										
228			1/2" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	174	0%	174	0.320	$ 70.00	$ 22.40	$ 48.00	$ 70.40	$ 12,249.60
229			3/4" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	1	0%	1	0.356	$ 70.00	$ 24.92	$ 55.00	$ 79.92	$ 79.92
230			1" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	18	0%	18	0.450	$ 70.00	$ 31.50	$ 68.00	$ 99.50	$ 1,791.00
231			2" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	4	0%	4	0.525	$ 70.00	$ 36.75	$ 125.00	$ 161.75	$ 647.00
232			4" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	1	0%	1	0.689	$ 70.00	$ 48.23	$ 185.00	$ 233.23	$ 233.23
233			2" Dia Lockable Gas Shutoff Valve	EA	1	0%	1	0.655	$ 70.00	$ 45.85	$ 125.00	$ 170.85	$ 170.85
234			6" Dia Backwater Valve In Floor Box	EA	1	0%	1	0.890	$ 70.00	$ 62.30	$ 325.00	$ 387.30	$ 387.30
			PVC COUPLING										
235			3/4" Dia	EA	7	0%	7						
236			1" Dia	EA	5	0%	5						
237			2" Dia	EA	174	0%	174						
238			3" Dia	EA	133	0%	133						
239			4" Dia	EA	178	0%	178						
240			6" Dia	EA	20	0%	20						
241			8" Dia	EA	7	0%	7						
			PIPE SUPPORT										
242			1/2" Dia Adjustable Clevis Hanger	EA	462	0%	462						
243			3/4" Dia Adjustable Clevis Hanger	EA	208	0%	208						
244			1" Dia Adjustable Clevis Hanger	EA	107	0%	107						
245			1-1/4" Dia Adjustable Clevis Hanger	EA	17	0%	17						
246			1-1/2" Dia Adjustable Clevis Hanger	EA	9	0%	9						
247			2" Dia Adjustable Clevis Hanger	EA	217	0%	217						
248			3" Dia Adjustable Clevis Hanger	EA	127	0%	127						
249			4" Dia Adjustable Clevis Hanger	EA	168	0%	168						
250			6" Dia Adjustable Clevis Hanger	EA	11	0%	11						
251			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	803	0%	803	0.040	$ 70.00	$ 2.80	$ 10.07	$ 12.87	$ 10,334.61
252			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	512	0%	512	0.057	$ 70.00	$ 3.99	$ 19.41	$ 23.40	$ 11,980.80
253			5/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	11	0%	11	0.080	$ 70.00	$ 5.60	$ 10.42	$ 16.02	$ 176.22
			TRENCHING & BACKFILLING										

DETAILED BREAKDOWN OF ITEMS

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
Project ID: 24092024
Scope: MEP

MEP Estimation
+1 708-381-0900

Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
254			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	2310	0%	2310	0.080	$ 70.00	$ 5.60	$ -	$ 5.60	$ 12,936.00
												SUBTOTAL	$ 842,888
			HVAC										
			FLEXIBLE DUCT										
255			6" Dia Flexible Duct	LF	214	10%	235	0.057	$ 72.00	$ 4.10	$ 2.66	$ 6.76	$ 1,592.25
256			8" Dia Flexible Duct	LF	11	10%	13	0.080	$ 72.00	$ 5.76	$ 3.60	$ 9.36	$ 118.20
			REFRIGERANT PIPE										
		Assumed	**Type ACR Copper Pipe**										
257			3/8" Refrigerant Liquid Pipe	LF	408	10%	449	0.095	$ 72.00	$ 6.84	$ 2.97	$ 9.81	$ 4,402.73
258			5/8" Refrigerant Suction Pipe	LF	408	10%	449	0.100	$ 72.00	$ 7.20	$ 3.68	$ 10.88	$ 4,882.94
		Assumed	**1/2" Thick Armaflex Insulation**										
259			3/8" Refrigerant Liquid Pipe	LF	408	10%	449	0.063	$ 72.00	$ 4.54	$ 1.65	$ 6.19	$ 2,776.28
260			5/8" Refrigerant Suction Pipe	LF	408	10%	449	0.063	$ 72.00	$ 4.54	$ 1.65	$ 6.19	$ 2,776.28
			REFRIGERANT PIPE FITTINGS										
			ELBOW										
261			3/8" Refrigerant Liquid Pipe 90 Deg Elbow	EA	30	0%	30	0.410	$ 72.00	$ 29.52	$ 17.50	$ 47.02	$ 1,410.60
262			5/8" Refrigerant Suction Pipe 90 Deg Elbow	EA	30	0%	30	0.421	$ 72.00	$ 30.31	$ 19.98	$ 50.29	$ 1,508.76
			TEE										
263			3/8" Refrigerant Liquid Pipe Tee	EA	2	0%	2	0.400	$ 72.00	$ 28.80	$ 1.21	$ 30.01	$ 60.02
264			5/8" Refrigerant Suction Pipe Tee	EA	2	0%	2	0.400	$ 72.00	$ 28.80	$ 1.21	$ 30.01	$ 60.02
			AIR DEVICES										
265			A: Supply Air, TITUS 272FS, Type: Side Wall, 8"x6" Face Size, Accessories: AG	EA	2	0%	2	0.250	$ 72.00	$ 18.00	$ 20.00	$ 38.00	$ 76.00
266			A: Supply Air, TITUS 272FS, Type: Side Wall, 12"x6" Face Size, Accessories: A(	EA	9	0%	9	0.250	$ 72.00	$ 18.00	$ 22.00	$ 40.00	$ 360.00
267			A: Supply Air, TITUS 272FS, Type: Side Wall, 14"x6" Face Size, Accessories: A(	EA	19	0%	19	0.260	$ 72.00	$ 18.72	$ 28.00	$ 46.72	$ 887.68
268			A: Supply Air, TITUS 272FS, Type: Side Wall, 16"x6" Face Size, Accessories: A(	EA	1	0%	1	0.300	$ 72.00	$ 21.60	$ 50.00	$ 71.60	$ 71.60
269			A: Supply Air, TITUS 272FS, Type: Side Wall, 18"x6" Face Size, Accessories: A(	EA	12	0%	12	0.350	$ 72.00	$ 25.20	$ 66.00	$ 91.20	$ 1,094.40
270			A: Supply Air, TITUS 272FS, Type: Side Wall, 20"x6" Face Size, Accessories: A(	EA	10	0%	10	0.350	$ 72.00	$ 25.20	$ 63.00	$ 88.20	$ 882.00
271			A: Supply Air, TITUS 272FS, Type: Side Wall, 24"x6" Face Size, Accessories: A(	EA	8	0%	8	0.400	$ 72.00	$ 28.80	$ 70.00	$ 98.80	$ 790.40
272			A: Supply Air, TITUS 272FS, Type: Side Wall, 26"x6" Face Size, Accessories: A(	EA	2	0%	2	0.400	$ 72.00	$ 28.80	$ 75.00	$ 103.80	$ 207.60
273			A: Supply Air, TITUS 272FS, Type: Side Wall, 30"x6" Face Size, Accessories: A(	EA	1	0%	1	0.450	$ 72.00	$ 32.40	$ 82.00	$ 114.40	$ 114.40
274			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, 6"x4" Face Size, 6" Dia Nec	EA	57	0%	57	0.250	$ 72.00	$ 18.00	$ 30.00	$ 48.00	$ 2,736.00
275			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x6", Neck Size:	EA	9	0%	9	0.250	$ 72.00	$ 18.00	$ 30.00	$ 48.00	$ 432.00
276			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x6", Neck Size:	EA	4	0%	4	0.250	$ 72.00	$ 18.00	$ 30.00	$ 48.00	$ 192.00
277			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x8", Neck Size:	EA	1	0%	1	0.250	$ 72.00	$ 18.00	$ 30.00	$ 48.00	$ 48.00
278			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x8", Neck Size:	EA	1	0%	1	0.250	$ 72.00	$ 18.00	$ 30.00	$ 48.00	$ 48.00
279			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 12"x6", Neck Siz	EA	8	0%	8	0.300	$ 72.00	$ 21.60	$ 38.00	$ 59.60	$ 476.80
280			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 10"x10" Face SizeNote:1-Diffu	EA	10	0%	10	0.250	$ 72.00	$ 18.00	$ 35.00	$ 53.00	$ 530.00
281			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 12"x12" Face SizeNote:1-Diffu	EA	2	0%	2	0.280	$ 72.00	$ 20.16	$ 38.00	$ 58.16	$ 116.32
282			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 24"x24" Face SizeNote:1-Diffu	EA	10	0%	10	0.350	$ 72.00	$ 25.20	$ 55.00	$ 80.20	$ 802.00
283			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 20"x6" Face SizeNote:1-Diffus	EA	5	0%	5	0.300	$ 72.00	$ 21.60	$ 35.00	$ 56.60	$ 283.00
284			C: Return Air, TITUS 3FL, Type: Transfer Wall Grille, 18"x6" Face SizeNote:1-D	EA	10	0%	10	0.280	$ 72.00	$ 20.16	$ 30.00	$ 50.16	$ 501.60
285			C: Return Air, TITUS 3FL, Type: Transfer Wall Grille, 24"x6" Face SizeNote:1-D	EA	4	0%	4	0.280	$ 72.00	$ 20.16	$ 35.00	$ 55.16	$ 220.64
286			C: Return Air, TITUS 3FL, Type: Transfer Wall Grille, 26"x6" Face SizeNote:1-D	EA	20	0%	20	0.300	$ 72.00	$ 21.60	$ 38.00	$ 59.60	$ 1,192.00
287			C: Return Air, TITUS 3FL, Type: Door Grille, 20"x6" Face SizeNote:1-Diffuser, F	EA	10	0%	10	0.300	$ 72.00	$ 21.60	$ 35.00	$ 56.60	$ 566.00
288			F: Supply Air, TITUS ML-39, Type: Linear Diffuser, Neck Size: 6" Dia, L: 4'-0",	EA	3	0%	3	0.655	$ 72.00	$ 47.16	$ 209.00	$ 256.16	$ 768.48
289			I: Supply Air, TITUS FL-10 2-SLOT WITH HIGHTHROW CONTROLLER, Typ	EA	2	0%	2	0.355	$ 72.00	$ 25.56	$ 45.00	$ 70.56	$ 141.12
290			I: Supply Air, TITUS FL-10 2-SLOT WITH HIGHTHROW CONTROLLER, Typ	EA	1	0%	1	0.355	$ 72.00	$ 25.56	$ 45.00	$ 70.56	$ 70.56
291			L: Exhaust/OA Intake, GREENHECK EHH-601D WITH VCD-40 DAMPER MI	EA	2	0%	2	1.230	$ 72.00	$ 88.56	$ 1,272.00	$ 1,360.56	$ 2,721.12
			SPLIT SYSTEM INDOOR UNITS										
292			FCU-A: CARRIER FJ4DNXB30L00, Unit Type Nominal Capacity: V/H, 2.5 Tons	EA	15	0%	15	2.560	$ 72.00	$ 184.32	$ 3,402.00	$ 3,586.32	$ 53,794.80
293			FCU-B: CARRIER FJ4DNXB36L00, Unit Type Nominal Capacity: V/H, 3.0 Tons	EA	1	0%	1	3.200	$ 72.00	$ 230.40	$ 3,622.00	$ 3,852.40	$ 3,852.40
294			FCU-C: CARRIER FJ4DNXB36L00, Unit Type Nominal Capacity: V/H, 3.5 Tons	EA	2	0%	2	3.200	$ 72.00	$ 230.40	$ 3,622.00	$ 3,852.40	$ 7,704.80
			SPLIT SYSTEM OUTDOOR UNITS										
295			CU-A: Condensing Unit, CARRIER GA5SAN43000W, Unit Size: 2.5 Tons, Outd	EA	15	0%	15	3.200	$ 72.00	$ 230.40	$ 2,749.20	$ 2,979.60	$ 44,694.00

DETAILED BREAKDOWN OF ITEMS

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
Project ID: 24092024
Scope: MEP

MEP Estimation
+1 708-381-0900

Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
296			CU-B: Condensing Unit, CARRIER GA5SAN43600W, Unit Size: 3.0 Tons, Outd	EA	1	0%	1	3.500	$ 72.00	$ 252.00	$ 3,159.60	$ 3,411.60	$ 3,411.60
297			CU-C: Condensing Unit, CARRIER GA5SAN44200W, Unit Size: 3.5 Tons, Outd	EA	2	0%	2	3.500	$ 72.00	$ 252.00	$ 3,607.20	$ 3,859.20	$ 7,718.40
			SPLIT SYSTEM INDOOR UNITS										
298		**Detail Not Given**	FCU-103	EA	1	0%	1	2.890	$ 72.00	$ 208.08	$ 2,761.20	$ 2,969.28	$ 2,969.28
299			FCU-100	EA	1	0%	1	2.890	$ 72.00	$ 208.08	$ 2,761.20	$ 2,969.28	$ 2,969.28
300			FCU-101	EA	1	0%	1	2.890	$ 72.00	$ 208.08	$ 2,761.20	$ 2,969.28	$ 2,969.28
301			FCU-102	EA	1	0%	1	2.890	$ 72.00	$ 208.08	$ 2,761.20	$ 2,969.28	$ 2,969.28
			PACKAGED AIR UNIT										
302	**M-100, M-101, M-102, M-103, M-105, M-106, M-107, M-400, M-401, M-402, M-403, M-404 & M-405**		PACU-1: ADDISON PRO[illegible] Horizontal, Air Cooled, Dimensions (W,D,H) (IN): 64, 148. 125, 66.125, Weight (LB): 2323, Supply Fan, Cooling Air (CFM): 2000, Outside Air (CFM): 2000, E.S.P. (IN W.G), DX Cooling Performance, Total Load (BTUH): 184300, Sensible Load (BTUH): 84600, Evaporator Face Area (SQFT): 7, ENT. AIR TEMP.- DB/WB (F): 91.0/79.0, Hot Gas- Re-Heat Coil, LVG. AIR TEMP.- DB/WB (F): 81.3/66.7, Electric Heating Performance, Electrical Service (V/PH): 208/3, Capacity (KW): 22.5, Stages: 1, ENT. AIR TEMP.- DB/WB (F): 80.5, Unit MIN. Circuit Ampacity (AMP): 78.1, Unit Maximum Circuit Protection (AMP): 78.1, Unit Maximum Circuit Protection (AMP): 80, Electrical Data, Electrical Service (V/PH): 208/3, Unit AMPS (FLA): 66, Unit MIN. Circuit Ampacity (AMP): 82.5, Unit Maximum Circuit Protection (AMP): 90, Motors, Compressor Type: Scroll, Compressor: No/RLA/LRA: 2/23.2/164 (Each Circuit), Supply Fan Motor: No/HP/FLA: 1/1/3.5, Condenser Fan Motor: No/HP/FLA: 2/1.3/3, Filter, Filter Type (MERV 8): Pleated Filter 2 Inch Notes: 1. Provide Flexible Connections At All Ductwork Connections To Air Handling Units. 2. External Static Pressure Includes Allowance For Dirty Filters. Clean Filters Pressure Drop To Be Included As Part Of Unit's Internal Pressure Drop. 3. Provide Iso Mode Pads For The Fan And Motor Assembly. Provide Vibration Isolation Curb With Min.2-Inch Deflection Spring Isolators. 4. All Ahu Cabinet Modules Shall Be Provided With Hinged Access Panels And Easy To Operate Handles. 5. All Ahu's Shall Be Equipped With Premium Efficiency Fan Motors Capable Of Sustained Operation At 15% 6. All Ahu's Shall Be Equipped With Premium Efficiency Fan Motors Capable Of Sustained Operation At 15% Frequency Modulation. 7. Ahu's Shall Be Double Wall, Copper Coil With Aluminum Fins, And Shall Be Provided With An Indoor Air Stainless Steel Condensate Drain Pan. 8. Provide Anti-Corrosive Coil Coating. 9. One Point Of Connection. Supply Fan, Controls, Compressor And Condenser Fan With Normal Power. 10. Equipment Mounted On Roof Are Required To Have Hi-Velocity Wind Protection In Accordance With FBCM 301.15. See Mechanical Details. 11. Provide Modulating Hot Gas Re-Heat (Single Circuit) For Refrigeration Controls 12. Provide Liquid Sub Cooling, Switchable (All Circuits) For Refrigeration Controls. 13. In Compliance With FBCM Section 606 Smoke Detector Shall Be Installed In Supply Air System With A Design Capacity Greater Than 2000 Cfm. : Access Shall Be Provide To Smoke Detectors For Inspection And Maintenance.	EA	1	0%	1	45.850	$ 72.00	$ 3,301.20	$ 32,522.00	$ 35,823.20	$ 35,823.20
			FAN										
303			EF-1: Exhaust Fan, GREENHECK SP-B80, Capacity, CFM: 50, SP IN WG: 0.3, E	EA	34	0%	34	1.450	$ 72.00	$ 104.40	$ 266.00	$ 370.40	$ 12,593.60
304			TEF-1: Toilet Exhaust Fan, GREENHECK GB-081-4, Capacity, CFM: 500, SP IN	EA	1	0%	1	2.200	$ 72.00	$ 158.40	$ 1,467.00	$ 1,625.40	$ 1,625.40
305			DEF-1: Dryer Exhaust Fan, GREENHECK GB-081-4, Capacity, CFM: 650, SP IN	EA	1	0%	1	2.200	$ 72.00	$ 158.40	$ 1,467.00	$ 1,625.40	$ 1,625.40
			DAMPERS										
306			4" Dia Volume Damper	EA	1	0%	1	0.220	$ 72.00	$ 15.84	$ 25.00	$ 40.84	$ 40.84
307			12"x6" Volume Damper	EA	2	0%	2	0.300	$ 72.00	$ 21.60	$ 52.00	$ 73.60	$ 147.20
308			28"x8" Volume Damper	EA	2	0%	2	0.850	$ 72.00	$ 61.20	$ 228.00	$ 289.20	$ 578.40

DETAILED BREAKDOWN OF ITEMS

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Project ID: 24092024
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MEP Estimation
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Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
309			4" Dia Fire Damper	EA	1	0%	1	0.350	$ 72.00	$ 25.20	$ 88.00	$ 113.20	$ 113.20
310			8"x6" ASFD	EA	1	0%	1	0.300	$ 72.00	$ 21.60	$ 33.00	$ 54.60	$ 54.60
311			8"x8" ASFD	EA	1	0%	1	0.300	$ 72.00	$ 21.60	$ 36.00	$ 57.60	$ 57.60
312			14"x8" ASFD	EA	4	0%	4	0.450	$ 72.00	$ 32.40	$ 65.00	$ 97.40	$ 389.60
313			36"x18" Motorized Damper	EA	2	0%	2	1.450	$ 72.00	$ 104.40	$ 678.00	$ 782.40	$ 1,564.80
			DUCT WEIGHT										
314			Galvanized Sheet Metal Duct	LB	10729	10%	11802	0.098	$ 72.00	$ 7.06	$ 0.98	$ 8.04	$ 94,840.07
			DUCT INSULATION										
315			1-1/2" Thick Fiberglass Insulation	SF	7987	10%	8786	0.025	$ 72.00	$ 1.80	$ 1.25	$ 3.05	$ 26,796.39
			MISCELLANEOUS										
316			Thermostat	EA	19	0%	19	0.880	$ 72.00	$ 63.36	$ 165.00	$ 228.36	$ 4,338.84
317			Smoke Detector	EA	1	0%	1	0.350	$ 72.00	$ 25.20	$ 60.00	$ 85.20	$ 85.20
318		**Detail Not Given**	Return Air Plenum	EA	15	0%	15	0.580	$ 72.00	$ 41.76	$ 244.00	$ 285.76	$ 4,286.40
			PIPE SUPPORTS										
319			3/8" Dia Adjustable Clevis Hanger	EA	68	0%	68						
320			5/8" Dia Adjustable Clevis Hanger	EA	68	0%	68						
321			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	136	0%	136	0.040	$ 72.00	$ 2.88	$ 10.07	$ 12.95	$ 1,761.20
			DUCT SUPPORTS										
322			3/8" Threaded Rod	EA	698	0%	698	0.040	$ 72.00	$ 2.88	$ 10.07	$ 12.95	$ 9,039.10
323			1" x 22 Ga. Strap	EA	349	0%	349	0.068	$ 72.00	$ 4.90	$ 4.98	$ 9.88	$ 3,446.72
												SUBTOTAL	**$ 368,179**
			ELECTRICAL										
			DISTRIBUTION										
			CONDUIT										
324		**Length Assumed**	1" EMT Conduit With Pullstring	LF	30	10%	33	0.070	$ 78.00	$ 5.46	$ 3.54	$ 9.00	$ 297.00
325			1" EMT Conduit	LF	88	10%	97	0.070	$ 78.00	$ 5.46	$ 3.54	$ 9.00	$ 874.07
326		**Length Assumed**	1-1/2" EMT Conduit With Pullstring	LF	30	10%	33	0.089	$ 78.00	$ 6.94	$ 7.19	$ 14.13	$ 466.36
327			1-1/2" EMT Conduit	LF	21	10%	24	0.089	$ 78.00	$ 6.94	$ 7.19	$ 14.13	$ 332.82
328			1-1/4" EMT Conduit	LF	243	10%	267	0.080	$ 78.00	$ 6.24	$ 5.77	$ 12.01	$ 3,210.27
329			1-1/4" RGS Conduit	LF	5	10%	6	0.080	$ 78.00	$ 6.24	$ 5.77	$ 12.01	$ 68.43
330			2" EMT Conduit	LF	1454	10%	1599	0.100	$ 78.00	$ 7.80	$ 8.86	$ 16.66	$ 26,646.00
331			1-1/4" PVC SCH 40 Conduit	LF	73	10%	80	0.072	$ 78.00	$ 5.62	$ 5.25	$ 10.87	$ 873.02
332			2-1/2" PVC SCH 40 Conduit	LF	70	10%	77	0.130	$ 78.00	$ 10.14	$ 11.62	$ 21.76	$ 1,681.26
333			3" PVC SCH 40 Conduit	LF	242	10%	266	0.145	$ 78.00	$ 11.31	$ 12.76	$ 24.07	$ 6,394.20
334			3-1/2" PVC SCH 40 Conduit	LF	161	10%	177	0.160	$ 78.00	$ 12.48	$ 15.20	$ 27.68	$ 4,902.13
			CONDUCTOR										
335			#8 CU THHN/THWN	LF	106	10%	117	0.010	$ 78.00	$ 0.78	$ 0.68	$ 1.46	$ 170.68
336			#6 CU THHN/THWN	LF	1870	10%	2057	0.012	$ 78.00	$ 0.96	$ 1.06	$ 2.02	$ 4,163.12
337			#4 CU THHN/THWN	LF	401	10%	442	0.015	$ 78.00	$ 1.18	$ 1.67	$ 2.85	$ 1,257.99
338			#3 CU THHN/THWN	LF	821	10%	903	0.016	$ 78.00	$ 1.25	$ 2.06	$ 3.30	$ 2,984.20
339			#1 CU THHN/THWN	LF	86	10%	94	0.020	$ 78.00	$ 1.56	$ 2.88	$ 4.44	$ 417.97
340			#1/0 CU THHN/THWN	LF	2940	10%	3234	0.024	$ 78.00	$ 1.89	$ 3.44	$ 5.33	$ 17,255.48
341			#2/0 CU THHN/THWN	LF	1421	10%	1563	0.028	$ 78.00	$ 2.15	$ 4.41	$ 6.56	$ 10,252.50
342			#3/0 CU THHN/THWN	LF	281	10%	309	0.032	$ 78.00	$ 2.50	$ 5.42	$ 7.92	$ 2,446.36
343			#400 MCM CU THHN/THWN	LF	966	10%	1063	0.047	$ 78.00	$ 3.67	$ 12.41	$ 16.08	$ 17,086.59
344			#600 MCM CU THHN/THWN	LF	644	10%	708	0.062	$ 78.00	$ 4.80	$ 16.97	$ 21.77	$ 15,420.39
			LUGS										
345			Compression Lug CU With 1-Hole , #8 CU Wire	EA	112	0%	112	0.267	$ 78.00	$ 20.83	$ 0.94	$ 21.77	$ 2,437.79
346			Heat Shrink Tubing for #8 CU Wire	EA	112	0%	112	0.150	$ 78.00	$ 11.70	$ 4.82	$ 16.52	$ 1,850.24

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Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
347			Compression Lug CU With 1-Hole , #6 CU Wire	EA	46	0%	46	0.267	$ 78.00	$ 20.83	$ 0.94	$ 21.77	$ 1,001.24
348			Heat Shrink Tubing for #6 CU Wire	EA	46	0%	46	0.150	$ 78.00	$ 11.70	$ 4.82	$ 16.52	$ 759.92
349			Compression Lug CU With 1-Hole , #4 CU Wire	EA	8	0%	8	0.267	$ 78.00	$ 20.83	$ 0.94	$ 21.77	$ 174.13
350			Heat Shrink Tubing for #4 CU Wire	EA	8	0%	8	0.150	$ 78.00	$ 11.70	$ 4.82	$ 16.52	$ 132.16
351			Compression Lug CU With 1-Hole , #3 CU Wire	EA	26	0%	26	0.364	$ 78.00	$ 28.39	$ 1.16	$ 29.55	$ 768.35
352			Heat Shrink Tubing for #3 CU Wire	EA	26	0%	26	0.150	$ 78.00	$ 11.70	$ 4.82	$ 16.52	$ 429.52
353			Compression Lug CU With 1-Hole , #1 CU Wire	EA	8	0%	8	0.364	$ 78.00	$ 28.39	$ 1.16	$ 29.55	$ 236.42
354			Heat Shrink Tubing for #1 CU Wire	EA	8	0%	8	0.150	$ 78.00	$ 11.70	$ 4.82	$ 16.52	$ 132.16
355			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	72	0%	72	0.500	$ 78.00	$ 39.00	$ 1.72	$ 40.72	$ 2,931.84
356			Heat Shrink Tubing for #1/0 CU Wire	EA	72	0%	72	0.160	$ 78.00	$ 12.48	$ 5.25	$ 17.73	$ 1,276.56
357			Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	30	0%	30	0.589	$ 78.00	$ 45.94	$ 5.65	$ 51.59	$ 1,547.76
358			Heat Shrink Tubing for #2/0 CU Wire	EA	30	0%	30	0.160	$ 78.00	$ 12.48	$ 5.25	$ 17.73	$ 531.90
359			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	16	0%	16	0.667	$ 78.00	$ 52.03	$ 11.19	$ 63.22	$ 1,011.46
360			Heat Shrink Tubing for #3/0 CU Wire	EA	16	0%	16	0.160	$ 78.00	$ 12.48	$ 5.25	$ 17.73	$ 283.68
361			Compression Lug CU With 1-Hole , #400 MCM CU Wire	EA	24	0%	24	1.333	$ 78.00	$ 103.97	$ 9.52	$ 113.49	$ 2,723.86
362			Heat Shrink Tubing for #400 MCM CU Wire	EA	24	0%	24	0.220	$ 78.00	$ 17.16	$ 6.35	$ 23.51	$ 564.24
363			Compression Lug CU With 1-Hole , #600 MCM CU Wire	EA	16	0%	16	1.379	$ 78.00	$ 107.56	$ 8.86	$ 116.42	$ 1,862.75
364			Heat Shrink Tubing for #600 MCM CU Wire	EA	16	0%	16	0.220	$ 78.00	$ 17.16	$ 6.35	$ 23.51	$ 376.16
			CIRCUIT BREAKER										
365			1P/15A Breaker	EA	3	0%	3	0.350	$ 78.00	$ 27.30	$ 60.95	$ 88.25	$ 264.75
366			1P/20A AFCI Breaker	EA	206	0%	206	0.350	$ 78.00	$ 27.30	$ 89.35	$ 116.65	$ 24,029.90
367			1P/20A AFCI/GFCI Breaker	EA	68	0%	68	0.350	$ 78.00	$ 27.30	$ 89.35	$ 116.65	$ 7,932.20
368			1P/20A Breaker	EA	41	0%	41	0.350	$ 78.00	$ 27.30	$ 60.95	$ 88.25	$ 3,618.25
369			1P/30A Breaker	EA	1	0%	1	0.350	$ 78.00	$ 27.30	$ 60.95	$ 88.25	$ 88.25
370			2P/15A Breaker	EA	2	0%	2	0.418	$ 78.00	$ 32.60	$ 108.99	$ 141.59	$ 283.19
371			2P/20A AFCI Breaker	EA	4	0%	4	0.455	$ 78.00	$ 35.49	$ 135.00	$ 170.49	$ 681.96
372			2P/20A Breaker	EA	18	0%	18	0.418	$ 78.00	$ 32.60	$ 108.99	$ 141.59	$ 2,548.69
373			2P/25A Breaker	EA	15	0%	15	0.418	$ 78.00	$ 32.60	$ 108.99	$ 141.59	$ 2,123.91
374			2P/30A Breaker	EA	49	0%	49	0.418	$ 78.00	$ 32.60	$ 108.99	$ 141.59	$ 6,938.11
375			2P/40A Breaker	EA	17	0%	17	0.418	$ 78.00	$ 32.60	$ 108.99	$ 141.59	$ 2,407.10
376			2P/50A Breaker	EA	2	0%	2	0.418	$ 78.00	$ 32.60	$ 108.99	$ 141.59	$ 283.19
377			2P/150A Breaker	EA	12	0%	12	0.589	$ 78.00	$ 45.94	$ 210.00	$ 255.94	$ 3,071.30
378			2P/175A Breaker	EA	5	0%	5	0.589	$ 78.00	$ 45.94	$ 285.00	$ 330.94	$ 1,654.71
379			3P/35A, 65KAIC Breaker	EA	1	0%	1	0.485	$ 78.00	$ 37.83	$ 163.99	$ 201.82	$ 201.82
380			3P/40A Breaker	EA	1	0%	1	0.485	$ 78.00	$ 37.83	$ 163.99	$ 201.82	$ 201.82
381			3P/50A, 65KAIC Breaker	EA	1	0%	1	0.522	$ 78.00	$ 40.72	$ 303.99	$ 344.71	$ 344.71
382			3P/60A, 65KAIC Breaker	EA	1	0%	1	0.522	$ 78.00	$ 40.72	$ 303.99	$ 344.71	$ 344.71
383			3P/70A MCB Breaker	EA	1	0%	1	0.522	$ 78.00	$ 40.72	$ 303.99	$ 344.71	$ 344.71
384			3P/70A, 65KAIC Breaker	EA	1	0%	1	0.522	$ 78.00	$ 40.72	$ 303.99	$ 344.71	$ 344.71
385			3P/90A, 65KAIC Breaker	EA	1	0%	1	0.522	$ 78.00	$ 40.72	$ 303.99	$ 344.71	$ 344.71
386			3P/100A Breaker	EA	1	0%	1	0.522	$ 78.00	$ 40.72	$ 303.99	$ 344.71	$ 344.71
387			3P/125A, 65KAIC Breaker	EA	1	0%	1	0.648	$ 78.00	$ 50.54	$ 758.00	$ 808.54	$ 808.54
388			3P/150A MCB Breaker	EA	12	0%	12	0.648	$ 78.00	$ 50.54	$ 758.00	$ 808.54	$ 9,702.53
389			3P/175A MCB Breaker	EA	5	0%	5	0.648	$ 78.00	$ 50.54	$ 758.00	$ 808.54	$ 4,042.72
390			3P/400A MCB Breaker	EA	3	0%	3	0.826	$ 78.00	$ 64.43	$ 1,650.00	$ 1,714.43	$ 5,143.28
391			3P/3000A MCB Breaker	EA	1	0%	1	3.521	$ 78.00	$ 274.64	$ 30,124.00	$ 30,398.64	$ 30,398.64
			PANEL										
392			Panel DP1: 400A, 120/208v, 3PH, 4W Mains: MCB, 42KAIC, 28 Poles	EA	1	0%	1	3.890	$ 78.00	$ 303.42	$ 5,899.00	$ 6,202.42	$ 6,202.42
393			Panel H: 125A, 120/240V, 3PH, 4W Mains: MCB, 42 Poles, 22KAIC, Surface Mounted	EA	1	0%	1	2.900	$ 78.00	$ 226.20	$ 3,441.00	$ 3,667.20	$ 3,667.20
394			Panel R: 125A, 120/208V, 3PH, 4W Mains: MCB, 10KAIC, 18 Poles, Surface Mounted	EA	1	0%	1	2.900	$ 78.00	$ 226.20	$ 3,250.00	$ 3,476.20	$ 3,476.20

DETAILED BREAKDOWN OF ITEMS

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
Project ID: 24092024
Scope: MEP

MEP Estimation
+1 708-381-0900

Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
395			Panel R1: 400A, 120/208V, 3PH, 4W Mains: MCB, 42KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	3.890	$ 78.00	$ 303.42	$ 6,001.00	$ 6,304.42	$ 6,304.42
396			Unit Panel: 225A, 208/120V, 1PH, 3W Mains: MCB, 22KAIC, 42 Poles, Recessed Mounted	EA	17	0%	17	3.250	$ 78.00	$ 253.50	$ 3,748.00	$ 4,001.50	$ 68,025.50
			DEVICES										
397			100A Fire Pump Meter & CT Cabinet Rating Assumed	EA	1	0%	1	3.980	$ 78.00	$ 310.44	$ 2,562.00	$ 2,872.44	$ 2,872.44
398			125A House Meter & CT Cabinet	EA	1	0%	1	2.200	$ 78.00	$ 171.60	$ 1,307.00	$ 1,478.60	$ 1,478.60
399			30HP Elevator Controller	EA	1	0%	1	11.200	$ 78.00	$ 873.60	$ 7,855.00	$ 8,728.60	$ 8,728.60
400			3P/100A, 65KAIC Transfer Switch, NEMA 1	EA	1	0%	1	1.560	$ 78.00	$ 121.68	$ 5,962.00	$ 6,083.68	$ 6,083.68
401			400A Meter	EA	1	0%	1	2.650	$ 78.00	$ 206.70	$ 5,230.00	$ 5,436.70	$ 5,436.70
402			Elevator Cab Controller	EA	1	0%	1	15.980	$ 78.00	$ 1,246.44	$ 7,855.00	$ 9,101.44	$ 9,101.44
403			Fire Pump Controller	EA	1	0%	1	1.120	$ 78.00	$ 87.36	$ 525.00	$ 612.36	$ 612.36
404			Utility Transformer, FPL	EA	1	0%	1	10.230	$ 78.00	$ 797.94	$ 15,789.00	$ 16,586.94	$ 16,586.94
405			Meter Center MC 1: 1000A, 120/208V, 3PH, 4W Mains: MCB, 22KAIC	EA	1	0%	1	10.230	$ 78.00	$ 797.94	$ 9,865.00	$ 10,662.94	$ 10,662.94
406			225A Meter Socket	EA	17	0%	17	1.120	$ 78.00	$ 87.36	$ 1,502.00	$ 1,589.36	$ 27,019.12
			DISCONNECT SWITCH										
407			2P/20A Disconnect Switch	EA	1	0%	1	0.462	$ 78.00	$ 36.04	$ 152.00	$ 188.04	$ 188.04
408			2P/30A Disconnect Switch	EA	22	0%	22	0.462	$ 78.00	$ 36.04	$ 152.00	$ 188.04	$ 4,136.79
409			3P/40A Disconnect Switch, NEMA-3R	EA	18	0%	18	0.529	$ 78.00	$ 41.26	$ 169.93	$ 211.19	$ 3,801.46
410			3P/60A Disconnect Switch	EA	1	0%	1	0.785	$ 78.00	$ 61.23	$ 339.10	$ 400.33	$ 400.33
411			3P/100A Disconnect Switch, NEMA-3R	EA	1	0%	1	0.956	$ 78.00	$ 74.57	$ 339.10	$ 413.67	$ 413.67
	E-101, E-102, E-103, E-105, E-106, E-107, E-400, E-401, E-402, E-403, E-404, E-405, E-406, E-700, E-800 & M-100		**GROUNDING**										
412		**Size Assumed**	5/8" x 10' CU Clad Ground Rod	EA	5	0%	5	0.550	$ 78.00	$ 42.90	$ 109.06	$ 151.96	$ 759.80
413			Main Ground Bus Bar	EA	3	0%	3	0.890	$ 78.00	$ 69.42	$ 118.00	$ 187.42	$ 562.26
414		**Length Assumed**	#3/0 CU Grounding Conductor	LF	100	10%	110	0.032	$ 78.00	$ 2.50	$ 5.42	$ 7.92	$ 870.72
415			1" PVC SCH 40 Conduit	LF	100	10%	110	0.064	$ 78.00	$ 4.99	$ 3.74	$ 8.73	$ 960.52
			POWER										
			CONDUIT										
416			1/2" EMT Conduit	LF	11523	10%	12675	0.047	$ 78.00	$ 3.67	$ 1.42	$ 5.09	$ 64,466.58
417			3/4" EMT Conduit	LF	1353	10%	1488	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 10,290.72
418			3/4" RGS Conduit	LF	90	10%	99	0.100	$ 78.00	$ 7.80	$ 4.15	$ 11.95	$ 1,183.05
			CONDUCTOR										
419			#18 CU THHN/THWN	LF	1053	10%	1158	0.004	$ 78.00	$ 0.31	$ 0.11	$ 0.42	$ 488.86
420			#14 CU THHN/THWN	LF	475	10%	522	0.006	$ 78.00	$ 0.48	$ 0.15	$ 0.63	$ 330.85
421			#12 CU THHN/THWN	LF	30703	10%	33773	0.007	$ 78.00	$ 0.57	$ 0.24	$ 0.81	$ 27,192.91
422			#10 CU THHN/THWN	LF	3440	10%	3784	0.008	$ 78.00	$ 0.62	$ 0.49	$ 1.11	$ 4,201.00
423			#8 CU THHN/THWN	LF	3395	10%	3735	0.010	$ 78.00	$ 0.78	$ 0.68	$ 1.46	$ 5,466.56
			DEVICE										
424			20A Special Receptacle, Tamper Resistant	EA	18	0%	18	0.280	$ 78.00	$ 21.84	$ 25.00	$ 46.84	$ 843.12
425			30A Special Receptacle	EA	29	0%	29	0.280	$ 78.00	$ 21.84	$ 32.00	$ 53.84	$ 1,561.36
426			40A Special Receptacle	EA	17	0%	17	0.280	$ 78.00	$ 21.84	$ 32.00	$ 53.84	$ 915.28
427			Duplex Receptacle	EA	34	0%	34	0.320	$ 78.00	$ 24.96	$ 35.00	$ 59.96	$ 2,038.64
428			Duplex Receptacle GFCI	EA	4	0%	4	0.350	$ 78.00	$ 27.30	$ 40.00	$ 67.30	$ 269.20
429			Duplex Receptacle GFCI, Above Countertop	EA	4	0%	4	0.350	$ 78.00	$ 27.30	$ 40.00	$ 67.30	$ 269.20
430			Duplex Receptacle GFCI, WP	EA	6	0%	6	0.350	$ 78.00	$ 27.30	$ 40.00	$ 67.30	$ 403.80
431			Duplex Receptacle GFCI, WP, Above Countertop	EA	10	0%	10	0.350	$ 78.00	$ 27.30	$ 40.00	$ 67.30	$ 673.00
432			Duplex Receptacle, GFCI, Tamper Resistant	EA	13	0%	13	0.425	$ 78.00	$ 33.15	$ 55.00	$ 88.15	$ 1,145.95
433			Duplex Receptacle, GFCI, Tamper Resistant Above Counter	EA	87	0%	87	0.425	$ 78.00	$ 33.15	$ 55.00	$ 88.15	$ 7,669.05
434			Duplex Receptacle, GFCI, WP, Tamper Resistant	EA	23	0%	23	0.425	$ 78.00	$ 33.15	$ 55.00	$ 88.15	$ 2,027.45
435			Duplex Receptacle, GFI, Tamper Resistant	EA	4	0%	4	0.425	$ 78.00	$ 33.15	$ 55.00	$ 88.15	$ 352.60
436			Duplex Receptacle, Tamper Resistant	EA	269	0%	269	0.425	$ 78.00	$ 33.15	$ 55.00	$ 88.15	$ 23,712.35
437			Exhaust Fan Connection	EA	36	0%	36	0.400	$ 78.00	$ 31.20	$ -	$ 31.20	$ 1,123.20
438			Grill Shutdown Button	EA	2	0%	2	0.350	$ 78.00	$ 27.30	$ 50.00	$ 77.30	$ 154.60

DETAILED BREAKDOWN OF ITEMS

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MEP Estimation
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Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
439			Simplex Receptacle	EA	86	0%	86	0.300	$ 78.00	$ 23.40	$ 28.00	$ 51.40	$ 4,420.40
440			Single Pole Switch	EA	17	0%	17	0.220	$ 78.00	$ 17.16	$ 11.98	$ 29.14	$ 495.38
441			Single Pole Switch, WP, NEMA-3R	EA	2	0%	2	0.220	$ 78.00	$ 17.16	$ 15.98	$ 33.14	$ 66.28
442			Single Receptacle, Straight Blade	EA	4	0%	4	0.220	$ 78.00	$ 17.16	$ 15.98	$ 33.14	$ 132.56
443			Special Receptacle	EA	4	0%	4	0.220	$ 78.00	$ 17.16	$ 25.00	$ 42.16	$ 168.64
444			Thermostat	EA	17	0%	17	0.880	$ 78.00	$ 68.64	$ 165.00	$ 233.64	$ 3,971.88
			LIGHTING										
			CONDUIT										
445			1/2" EMT Conduit	LF	8127	10%	8940	0.047	$ 78.00	$ 3.67	$ 1.42	$ 5.09	$ 45,467.31
			CONDUCTOR										
446			#12 CU THHN/THWN	LF	23513	10%	25864	0.007	$ 78.00	$ 0.57	$ 0.24	$ 0.81	$ 20,824.90
447			#10 CU THHN/THWN	LF	867	10%	954	0.008	$ 78.00	$ 0.62	$ 0.49	$ 1.11	$ 1,058.80
			LIGHTING FIXTURES										
448			F01: 1x4 Vapor Tight, ILP WT4-4L/5L/SL-140-FRL Mounting: Surface Watts: 49W	EA	1	0%	1	0.540	$ 78.00	$ 42.12	$ 112.00	$ 154.12	$ 154.12
449			F03A: 1x4 Surface Wall LED With Sensor & Battery, METALUK 45WLED-72HL-LW-UNV-EL10W- L830-CD1-SVPD2-U Mounting: Surface Watts: 71.5W	EA	23	0%	23	1.100	$ 78.00	$ 85.80	$ 278.00	$ 363.80	$ 8,367.40
450			F04: Wall Pack, LUMARK AXC 52A-W-FINISH Mounting: Surface Watts: 20.7W	EA	10	0%	10	0.860	$ 78.00	$ 67.08	$ 135.00	$ 202.08	$ 2,020.80
451			L-02: Large Rectangle Sconce Open Top And Bottom, JUSTICE CER-0955W-CRB Watts: 10W	EA	17	0%	17	0.950	$ 78.00	$ 74.10	$ 242.00	$ 316.10	$ 5,373.70
452			L-03: 2" Round Can Less Downlight, HALO RL4LS9FSD2W1EWHDM HL4RSMF Mounting: Recessed Watts: 10W	EA	5	0%	5	0.350	$ 78.00	$ 27.30	$ 40.00	$ 67.30	$ 336.50
453			L-04: BRIO 36" Vanity Bathroom Bar, KUZCO VL63636-BK Mounting: Surface/Wall Watts: 33W	EA	40	0%	40	0.890	$ 78.00	$ 69.42	$ 336.00	$ 405.42	$ 16,216.80
454			L-05: 4" Round Can Less Downlight, HALO RL4LS9FSD2W1EWHDM HL4RSMF Mounting: Recessed Watts: 10.5W	EA	78	0%	78	0.320	$ 78.00	$ 24.96	$ 38.00	$ 62.96	$ 4,910.88
455			L-05 (Vapor Proof): 4" Round Can Less Downlight, HALO RL4LS9FSD2W1EWHDM HL4RSMF Mounting: Recessed Watts: 10.5W	EA	2	0%	2	0.350	$ 78.00	$ 27.30	$ 45.00	$ 72.30	$ 144.60
456			L-06: Helsinki UP/Down, KUZCO EW48003-BK Mounting: Surface/Wall Watts: 12W	EA	14	0%	14	0.890	$ 78.00	$ 69.42	$ 165.00	$ 234.42	$ 3,281.88
457			L-07: 6" Round Surface Mounted Downlight, HALO SMD6R69SWH SMD6RTRMMB Mounting: Surface Watts: 9W	EA	38	0%	38	0.320	$ 78.00	$ 24.96	$ 40.00	$ 64.96	$ 2,468.48
458			L-8: 14" Round Surface Mounted Downlight, HALO SMD14R209SWHE SMD14RTRMMB Mounting: Surface Watts: 26.4W	EA	58	0%	58	0.450	$ 78.00	$ 35.10	$ 85.00	$ 120.10	$ 6,965.80
459			L-10: 4" Round Can Less Downlight, HALO LCR412RD9FSE020 HL4RSMF Mounting: Recessed Watts: 14.5W	EA	72	0%	72	0.300	$ 78.00	$ 23.40	$ 35.00	$ 58.40	$ 4,204.80
460			L-10E: 4" Round Can Less Downlight W/ Battery Backup, HALO LCR412RD9FSE040 HL4RSMF Mounting: Recessed Watts: 14.5W	EA	13	0%	13	0.350	$ 78.00	$ 27.30	$ 45.00	$ 72.30	$ 939.90
461			L-11: Mini LED Track Head, HALO L81208FL9030MB Mounting: Mounted To Track Type L-11T Watts: 10.5W	EA	80	0%	80	0.350	$ 78.00	$ 27.30	$ 70.00	$ 97.30	$ 7,784.00

DETAILED BREAKDOWN OF ITEMS

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Date: 28-Sep-26

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462			L-11T (16 EA): 10' Track, HALO L652MB L909MB Mounting: Surface	LF	160	0%	160	0.122	$ 78.00	$ 9.52	$ 9.00	$ 18.52	$ 2,962.56
463			L-15: 2' Wet Beam Surface Mount, AOS WBSLED-500-9030-5-2-BLK-UNV DP1-SC-EF Mounting: Surface Watts: 5.5 Per Foot	EA	16	0%	16	1.000	$ 78.00	$ 78.00	$ 225.00	$ 303.00	$ 4,848.00
464			X: EDGE LIT Exit Sign, SURELITES SCX70G Mounting: Universal Watts: 3W	EA	11	0%	11	0.650	$ 78.00	$ 50.70	$ 185.00	$ 235.70	$ 2,592.70
465		**Schedule Not Given**	Downlight LED Fixture	EA	19	0%	19	0.300	$ 78.00	$ 23.40	$ 35.00	$ 58.40	$ 1,109.60
			LIGHTING CONTROL										
466			Four Way Switch	EA	12	0%	12	0.300	$ 78.00	$ 23.40	$ 32.00	$ 55.40	$ 664.80
467			Single Pole Switch	EA	142	0%	142	0.220	$ 78.00	$ 17.16	$ 11.98	$ 29.14	$ 4,137.88
468			Single Pole Switch, WP	EA	10	0%	10	0.220	$ 78.00	$ 17.16	$ 15.00	$ 32.16	$ 321.60
469			Three Way Switch	EA	86	0%	86	0.280	$ 78.00	$ 21.84	$ 28.00	$ 49.84	$ 4,286.24
			MISCELLANEOUS										
470			Junction Box	EA	18	0%	18	0.350	$ 78.00	$ 27.30	$ 40.00	$ 67.30	$ 1,211.40
471			Junction Box, Ceiling Mounted	EA	2	0%	2	0.350	$ 78.00	$ 27.30	$ 40.00	$ 67.30	$ 134.60
			TRENCHING & BACKFILLING										
472			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	160	0%	160	0.085	$ 78.00	$ 6.63	$ -	$ 6.63	$ 1,060.80
												SUBTOTAL	**$ 754,964**
			COMMUNICATION										
			TELECOMMUNICATION										
			CONDUIT										
473			3/4" EMT Conduit Upto Ceiling	LF	1650	10%	1815	0.062	$ 78.00	$ 4.84	$ 2.08	$ 6.92	$ 12,552.54
			CONDUCTOR										
474			CAT6 Cable	LF	2398	10%	2638	0.032	$ 78.00	$ 2.50	$ 0.32	$ 2.82	$ 7,428.91
475			Coaxial Cable	LF	2315	10%	2547	0.028	$ 78.00	$ 2.18	$ 0.42	$ 2.60	$ 6,631.95
			J-HOOKS										
476			2" J-Hooks	EA	120	0%	120	0.200	$ 78.00	$ 15.60	$ 1.30	$ 16.90	$ 2,028.00
	E-400, E-401, E-402, E-403 & E-404		**DEVICES**										
477			Telephone Outlet	EA	55	0%	55	0.220	$ 78.00	$ 17.16	$ 19.50	$ 36.66	$ 2,016.30
478			RJ45 Connector	EA	55	0%	55	0.005	$ 78.00	$ 0.39	$ 1.22	$ 1.61	$ 88.55
479			Backbox	EA	55	0%	55	0.080	$ 78.00	$ 6.24	$ 8.74	$ 14.98	$ 823.90
480			Faceplate	EA	55	0%	55	0.080	$ 78.00	$ 6.24	$ 9.95	$ 16.19	$ 890.45
481			TV Outlet	EA	55	0%	55	0.220	$ 78.00	$ 17.16	$ 19.50	$ 36.66	$ 2,016.30
482			F-Connector	EA	55	0%	55	0.005	$ 78.00	$ 0.39	$ 1.22	$ 1.61	$ 88.55
483			Backbox	EA	55	0%	55	0.080	$ 78.00	$ 6.24	$ 8.74	$ 14.98	$ 823.90
484			Faceplate	EA	55	0%	55	0.080	$ 78.00	$ 6.24	$ 9.95	$ 16.19	$ 890.45
												SUBTOTAL	**$ 36,280**
			ELECTRONIC SAFETY AND SECURITY										
			FIRE ALARM										
			CONDUIT										
485			1/2" EMT Conduit	LF	891	10%	980	0.047	$ 78.00	$ 3.67	$ 1.42	$ 5.09	$ 4,986.80
			CONDUCTOR										
486			#16 CU THHN/THWN	LF	1782	10%	1960	0.005	$ 78.00	$ 0.39	$ 0.13	$ 0.52	$ 1,019.14
	E-400, E-401, E-402, E-403 & E-404		**DEVICES**										
487			Combo Smoke Detector/Carbon Monoxide Sensor	EA	2	0%	2	0.400	$ 78.00	$ 31.20	$ 68.00	$ 99.20	$ 198.40
488			Fire Alarm Carbon Monoxide	EA	26	0%	26	0.320	$ 78.00	$ 24.96	$ 40.00	$ 64.96	$ 1,688.96
489			Fire Alarm Carbon Monoxide, Ceiling Mounted	EA	20	0%	20	0.320	$ 78.00	$ 24.96	$ 40.00	$ 64.96	$ 1,299.20
490			Fire Alarm Smoke Detector, Wall Mounted	EA	62	0%	62	0.320	$ 78.00	$ 24.96	$ 45.00	$ 69.96	$ 4,337.52

DETAILED BREAKDOWN OF ITEMS

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
Project ID: 24092024
Scope: MEP

MEP Estimation
+1 708-381-0900

Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
												SUBTOTAL $	13,530

	PROJECTED COST	$2,310,840
OVERHEAD AND PROFIT	10%	$231,084
INSURANCE	3%	$69,325
CONTINGENCY	5%	$115,542
TAX	7%	$84,773
SUGGESTED BID		$2,811,564

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

BREAKDOWN OF DUCT ITEMS

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
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MEP Estimation
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Date: 28-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	HVAC				
	GALVANIZED SHEET METAL DUCT				
1	6" Dia Supply Air Duct	LF	12	10%	13
2	6"x3" Supply Air Duct	LF	16	10%	17
3	6"x6" Supply Air Duct	LF	118	10%	130
4	8"x4" Supply Air Duct	LF	9	10%	10
5	8"x6" Supply Air Duct	LF	155	10%	171
6	8"x8" Supply Air Duct	LF	39	10%	42
7	10"x6" Supply Air Duct	LF	34	10%	37
8	12"x6" Supply Air Duct	LF	79	10%	86
9	12"x8" Supply Air Duct	LF	61	10%	67
10	14"x6" Supply Air Duct	LF	8	10%	9
11	14"x8" Supply Air Duct	LF	44	10%	48
12	16"x6" Supply Air Duct	LF	39	10%	42
13	16"x8" Supply Air Duct	LF	97	10%	107
14	16"x10" Supply Air Duct	LF	230	10%	253
15	18"x8" Supply Air Duct	LF	7	10%	8
16	18"x18" Supply Air Duct	LF	7	10%	8
17	20"x8" Supply Air Duct	LF	21	10%	23
18	22"x10" Supply Air Duct	LF	45	10%	49
19	24"x8" Supply Air Duct	LF	301	10%	331
20	24"x14" Supply Air Duct	LF	28	10%	31
21	26"x16" Supply Air Duct	LF	48	10%	53
22	28"x8" Supply Air Duct	LF	65	10%	71
23	36"x54" Return Air Duct	LF	67	10%	74
24	38"x18" Return Air Duct	LF	104	10%	114
25	26"x6" Transfer Air Duct	LF	7	10%	8
26	4" Dia Outside Air Duct	LF	38	10%	41
27	36"x18" Outside Air Duct	LF	3	10%	3
28	36"x18" Toilet Exhaust Duct	LF	3	10%	3
29	4" Dia Toilet Exhaust Duct	LF	509	10%	560
30	4" Dia Dryer Exhaust Duct	LF	647	10%	712
31	4" Dia Exhaust Air Duct	LF	616	10%	678
32	6" Dia Exhaust Air Duct	LF	44	10%	48

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28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
			GENERAL REQUIREMENTS		
1			Permits	LS	1
2			Supervision and Coordination	LS	1
3			Submittals and Shop drawings	LS	1
4			Final Cleaning	LS	1
5			Mobilization Costs	LS	1
6			Temporary Control & Facilities	LS	1
7			Scaffolding	LS	1
			PLUMBING		
			COLD WATER PIPE (BELOW GRADE)		
			Type "K" Copper Pipe, ASTM B-88		
8			2" Dia Cold Water Pipe	EA	3
9			4" Dia Cold Water Pipe	EA	3
			COLD WATER PIPE FITTINGS		
			ELBOW		
10			2" Dia Cold Water Pipe 90 Deg Elbow	EA	2
11			4" Dia Cold Water Pipe 90 Deg Elbow	EA	2
			COLD WATER PIPE (ABOVE GRADE)		
			Type "L" Copper Pipe, ASTM B-88		
12			1/2" Dia Cold Water Pipe	EA	104
13			3/4" Dia Cold Water Pipe	EA	83
14			1" Dia Cold Water Pipe	EA	45
15		**Size Assumed**	1-1/2" Dia Cold Water Pipe	EA	5
16			2" Dia Cold Water Pipe	EA	7
17			4" Dia Cold Water Pipe	EA	13
			1" Thick Fire Retardant Armaflex Insulation		
18			1/2" Dia Cold Water Pipe	EA	104
19			3/4" Dia Cold Water Pipe	EA	83
20			1" Dia Cold Water Pipe	EA	45
21		**Size Assumed**	1-1/2" Dia Cold Water Pipe	EA	5
22			2" Dia Cold Water Pipe	EA	7
23			4" Dia Cold Water Pipe	EA	13
			COLD WATER PIPE FITTINGS		
			ELBOW		
24			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	185
25			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	87
26			1" Dia Cold Water Pipe 90 Deg Elbow	EA	58
27			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	4
28			2" Dia Cold Water Pipe 90 Deg Elbow	EA	3
29			4" Dia Cold Water Pipe 90 Deg Elbow	EA	6
			TEE		
30			1/2" Dia Cold Water Pipe Tee	EA	53
31			3/4" Dia Cold Water Pipe Tee	EA	10
32			1" Dia Cold Water Pipe Tee	EA	42
33			1-1/2" Dia Cold Water Pipe Tee	EA	1
34			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	38
35			1" / 1/2" Dia Cold Water Pipe Tee	EA	7
36			1" / 3/4" Dia Cold Water Pipe Tee	EA	11
37			1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	2
38			1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	1
39			1-1/2" / 1" Dia Cold Water Pipe Tee	EA	1
40			2" / 1" Dia Cold Water Pipe Tee	EA	1
41			2" / 1-1/2" Dia Cold Water Pipe Tee	EA	1
			REDUCER		
42			3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	25
43			1" / 1/2" Dia Cold Water Pipe Reducer	EA	12
44			1" / 3/4" Dia Cold Water Pipe Reducer	EA	12
45			1-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	1
46			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	1
47			2" / 1" Dia Cold Water Pipe Reducer	EA	1
			HOT WATER PIPE (ABOVE GRADE)		

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
			Type "L" Copper Pipe, ASTM B-88		
48			1/2" Dia Hot Water Pipe	EA	167
49			3/4" Dia Hot Water Pipe	EA	40
			1" Thick Fire Retardant Armaflex Insulation		
50			1/2" Dia Hot Water Pipe	EA	167
51			3/4" Dia Hot Water Pipe	EA	40
			HOT WATER PIPE FITTINGS		
			ELBOW		
52			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	231
53			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	52
			TEE		
54			1/2" Dia Hot Water Pipe Tee	EA	83
55			3/4" Dia Hot Water Pipe Tee	EA	32
56			3/4" / 1/2" Dia Hot Water Pipe Tee	EA	11
			REDUCER		
57			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	29
			HOT WATER RETURN PIPE (ABOVE GRADE)		
			Type "L" Copper Pipe, ASTM B-88		
58			1/2" Dia Hot Water Return Pipe	EA	6
			1" Thick Fire Retardant Armaflex Insulation		
59			1/2" Dia Hot Water Return Pipe	EA	6
			HOT WATER RETURN PIPE FITTINGS		
			ELBOW		
60			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	9
			CONDENSATE DRAIN PIPE (BELOW GRADE)		
			Schedule 40 PVC Pipe		
61			3/4" Dia Condensate Drain Pipe	EA	7
62			2" Dia Condensate Drain Pipe	EA	11
			CONDENSATE DRAIN PIPE FITTINGS		
			ELBOW		
63			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	4
64			2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	2
65			3/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	7
66			2" Dia Condensate Drain Pipe 45 Deg Elbow	EA	8
			TEE		
67			2" Dia Condensate Drain Pipe Tee	EA	1
68			2" / 3/4" Dia Condensate Drain Pipe Tee	EA	3
			REDUCER		
69			2" / 3/4" Dia Condensate Drain Pipe Reducer	EA	1
			CONDENSATE DRAIN PIPE (ABOVE GRADE)		
			Type "M" Copper Pipe, ASTM B-88		
70			3/4" Dia Condensate Drain Pipe	EA	2
71			1" Dia Condensate Drain Pipe	EA	14
72			1-1/4" Dia Condensate Drain Pipe	EA	10
73			2" Dia Condensate Drain Pipe	EA	2
			3/4" Thick Fire Retardant Armaflex Insulation		
74			3/4" Dia Condensate Drain Pipe	EA	2
75			1" Dia Condensate Drain Pipe	EA	14
76			1-1/4" Dia Condensate Drain Pipe	EA	10
77			2" Dia Condensate Drain Pipe	EA	2
			PLANTER DRAIN PIPE FITTINGS		
			ELBOW		
78			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	8
79			1" Dia Condensate Drain Pipe 90 Deg Elbow	EA	28
80			1-1/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	7
81			2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	2
82			1" Dia Condensate Drain Pipe 45 Deg Elbow	EA	5
83			1-1/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	2
			TEE		
84			1" / 3/4" Dia Condensate Drain Pipe Tee	EA	2
85			1-1/4" / 3/4" Dia Condensate Drain Pipe Tee	EA	2
86			2" / 1" Dia Condensate Drain Pipe Tee	EA	1
			REDUCER		
87			2" / 1-1/4" Dia Condensate Drain Pipe Reducer	EA	1
			PLANTER DRAIN PIPE (ABOVE GRADE)		
		Assumed	**Type "M" Copper Pipe, ASTM B-88**		
88			2" Dia Planter Drain Pipe	EA	2
			PLANTER DRAIN PIPE FITTINGS		
			ELBOW		
89			2" Dia Planter Drain Pipe 90 Deg Elbow	EA	3
90			2" Dia Planter Drain Pipe 45 Deg Elbow	EA	1
			DECK DRAIN PIPE (ABOVE GRADE)		
		Assumed	**Schedule 40 PVC Pipe**		
91			4" Dia Deck Drain Pipe	EA	3
92			6" Dia Deck Drain Pipe	EA	0.4
			DECK DRAIN PIPE FITTINGS		
			ELBOW		

DETAILED BREAKDOWN OF ITEMS

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MEP Estimation
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28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
93			4" Dia Deck Drain Pipe 45 Deg Elbow	EA	4
			WYE		
94			6" / 4" Dia Deck Drain Pipe Wye	EA	2
			WASTE PIPE (BELOW GRADE)		
			Schedule 40 PVC Pipe, ASTM D2665		
95			2" Dia Waste Pipe	EA	1
96			3" Dia Waste Pipe	EA	6
97			4" Dia Waste Pipe	EA	10
98			6" Dia Waste Pipe	EA	8
			WASTE PIPE FITTINGS		
			ELBOW		
99			2" Dia Waste Pipe 90 Deg Elbow	EA	2
100			3" Dia Waste Pipe 90 Deg Elbow	EA	5
101			4" Dia Waste Pipe 90 Deg Elbow	EA	7
102			6" Dia Waste Pipe 90 Deg Elbow	EA	1
103			2" Dia Waste Pipe 45 Deg Elbow	EA	2
104			3" Dia Waste Pipe 45 Deg Elbow	EA	5
105			4" Dia Waste Pipe 45 Deg Elbow	EA	12
106			6" Dia Waste Pipe 45 Deg Elbow	EA	2
			WYE		
107			3" Dia Waste Pipe Wye	EA	5
108			4" Dia Waste Pipe Wye	EA	13
109			6" Dia Waste Pipe Wye	EA	3
110			3" / 2" Dia Waste Pipe Wye	EA	1
111			6" / 4" Dia Waste Pipe Wye	EA	2
			REDUCER		
112			3" / 2" Dia Waste Pipe Reducer	EA	1
113			4" / 2" Dia Waste Pipe Reducer	EA	3
114			4" / 3" Dia Waste Pipe Reducer	EA	1
115			6" / 4" Dia Waste Pipe Reducer	EA	1
			WASTE PIPE (ABOVE GRADE)		
			Schedule 40 PVC Pipe, ASTM D2665		
116			1" Dia Waste Pipe	EA	5
117			2" Dia Waste Pipe	EA	114
118			3" Dia Waste Pipe	EA	67
119			4" Dia Waste Pipe	EA	33
			WASTE PIPE FITTINGS		
			ELBOW		
120			1" Dia Waste Pipe 90 Deg Elbow	EA	12
121			2" Dia Waste Pipe 90 Deg Elbow	EA	132
122			3" Dia Waste Pipe 90 Deg Elbow	EA	53
123			4" Dia Waste Pipe 90 Deg Elbow	EA	9
124			1" Dia Waste Pipe 45 Deg Elbow	EA	12
125			2" Dia Waste Pipe 45 Deg Elbow	EA	235
126			3" Dia Waste Pipe 45 Deg Elbow	EA	46
127			4" Dia Waste Pipe 45 Deg Elbow	EA	23
			WYE		
128			2" Dia Waste Pipe Wye	EA	69
129			3" Dia Waste Pipe Wye	EA	46
130			4" Dia Waste Pipe Wye	EA	8
131			3" / 2" Dia Waste Pipe Wye	EA	39
132			4" / 2" Dia Waste Pipe Wye	EA	2
133			4" / 3" Dia Waste Pipe Wye	EA	9
			REDUCER		
134	**P-100, P-102, P-103,**		3" / 2" Dia Waste Pipe Reducer	EA	30
135	**P-105, P-106, P-107,**		4" / 2" Dia Waste Pipe Reducer	EA	1
136	**P-400 & P-401**		4" / 3" Dia Waste Pipe Reducer	EA	5
			GREASE WASTE PIPE (BELOW GRADE)		
			Schedule 40 PVC Pipe, ASTM D2665		
137			4" Dia Grease Waste Pipe	EA	8
			GREASE WASTE PIPE FITTINGS		
			ELBOW		
138			4" Dia Grease Waste Pipe 90 Deg Elbow	EA	2
139			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	7
			WYE		
140			4" Dia Grease Waste Pipe Wye	EA	2
			VENT PIPE (ABOVE GRADE)		
			Schedule 40 PVC Pipe, ASTM D2665		
141			2" Dia Vent Pipe	EA	48
142			3" Dia Vent Pipe	EA	60
			VENT PIPE FITTINGS		
			ELBOW		
143			2" Dia Vent Pipe 90 Deg Elbow	EA	55
144			3" Dia Vent Pipe 90 Deg Elbow	EA	23
145			3" Dia Vent Pipe 45 Deg Elbow	EA	4
			TEE		
146			2" Dia Vent Pipe Tee	EA	2
147			3" Dia Vent Pipe Tee	EA	6

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
148			3" / 2" Dia Vent Pipe Tee	EA	39
			REDUCER		
149			3" / 2" Dia Vent Pipe Reducer	EA	1
			OVERFLOW DRAIN PIPE (ABOVE GRADE)		
			Schedule 40 PVC Pipe, ASTM D2665		
150			4" Dia Overflow Drain Pipe	EA	45
151			6" Dia Overflow Drain Pipe	EA	2
			OVERFLOW DRAIN PIPE FITTINGS		
			ELBOW		
152			4" Dia Overflow Drain Pipe 90 Deg Elbow	EA	32
153			4" Dia Overflow Drain Pipe 45 Deg Elbow	EA	32
			WYE		
154			4" Dia Overflow Drain Pipe Wye	EA	1
155			6" / 4" Dia Overflow Drain Pipe Wye	EA	1
			REDUCER		
156			6" / 4" Dia Overflow Drain Pipe Reducer	EA	1
			RAIN WATER LEADER PIPE (BELOW GRADE)		
		Assumed	**Schedule 40 PVC Pipe, ASTM D2665**		
157			4" Dia Rain Water Leader Pipe	EA	5
158			6" Dia Rain Water Leader Pipe	EA	5
159			8" Dia Rain Water Leader Pipe	EA	7
			RAIN WATER LEADER PIPE FITTINGS		
			ELBOW		
160			4" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	2
161			6" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	4
162			8" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	2
163			4" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	4
164			6" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	2
165			8" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	4
			WYE		
166			4" Dia Rain Water Leader Pipe Wye	EA	1
167			6" Dia Rain Water Leader Pipe Wye	EA	2
168			8" / 4" Dia Rain Water Leader Pipe Wye	EA	2
169			8" / 6" Dia Rain Water Leader Pipe Wye	EA	2
			REDUCER		
170			8" / 6" Dia Rain Water Leader Pipe Reducer	EA	1
			RAIN WATER LEADER PIPE (ABOVE GRADE)		
		Assumed	**Schedule 40 PVC Pipe, ASTM D2665**		
171			4" Dia Rain Water Leader Pipe	EA	74
172			6" Dia Rain Water Leader Pipe	EA	5
			RAIN WATER LEADER PIPE FITTINGS		
			ELBOW		
173			4" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	58
174			6" Dia Rain Water Leader Pipe 90 Deg Elbow	EA	1
175			4" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	26
176			6" Dia Rain Water Leader Pipe 45 Deg Elbow	EA	1
			WYE		
177			4" Dia Rain Water Leader Pipe Wye	EA	4
178			6" / 4" Dia Rain Water Leader Pipe Wye	EA	3
			REDUCER		
179			6" / 4" Dia Rain Water Leader Pipe Reducer	EA	1
			GAS PIPE (BELOW GRADE)		
			Schedule 40 Black Steel Pipe, ASTM-53		
180			2" Dia Gas Pipe	EA	1
			GAS PIPE FITTINGS		
			ELBOW		
181			2" Dia Gas Pipe 90 Deg Elbow	EA	2
			GAS PIPE (ABOVE GRADE)		
			Schedule 40 Black Steel Pipe, ASTM-53		
182			2" Dia Gas Pipe	EA	17
			GAS PIPE FITTINGS		
			ELBOW		
183			2" Dia Gas Pipe 90 Deg Elbow	EA	8
			TEE		
184			2" Dia Gas Pipe Tee	EA	1
			PLUMBING FIXTURES		
185			WC: Water Closet Tank Type, Remarks: REGULAR - (UNITS)Notes:1. Provide	EA	36
186			WC-H: Water Closet Flush Valve, Remarks: REGULAR (PUBLIC REST)Notes:1	EA	2
187			LAV: Lavatory Wall Mounted, Remarks: REGULARNotes:1. Provide Shock Absc	EA	36
188			LAV-H: Lavatory Wall Mounted, Remarks: HANDICAPNotes:1. Provide Shock A	EA	2
189			SH: Shower, Remarks: Note 5Notes:1. Provide Shock Absorbers At All Plumbing	EA	36
190			1/2" Dia HB: Hose Bibb, CHICAGO 837	EA	2
191			1/2" Dia HB: Hose Bibb, CHICAGO 837	EA	2
192			3/4" Dia HB: Hose Bibb, CHICAGO 837	EA	4
193			DW: Dishwasher	EA	18
194			SK: Sink	EA	5

DETAILED BREAKDOWN OF ITEMS

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28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
195		Schedule Not Given	Kitchen Sink	EA	18
196			Washing Machine	EA	7
197			W/D: Washer Dryer	EA	10
			WATER HEATER		
198			EWH-1: Electric Water Heater, RHEEM XE47SB06ST45U0, Nominal Capacity:	EA	17
199			TWH-1: Tankless Water Heater, STIEBEL ELTRON MINI E-2.5-1, Temperature	EA	1
			GREASE INTERCEPTOR		
200			100 GPM Polyethylene Grease Interceptor, SI-500-B	EA	1
			GREASE INTERCEPTOR DETAILS		
201			Sampling Port, SCHIER SV10	EA	1
202			125 Gallon Polyethylene Solid Interceptor, SI-75	EA	1
			PUMP		
203			Domestic Water Booster Pump	EA	1
204		Schedule Not Given	Elevator Sump Pump	EA	1
205			Recirculation Pump	EA	1
			MISCELLANEOUS		
206			1/2" Dia Shock Absorber	EA	174
207			2" Dia Gas Pipe Regulator	EA	2
208			1-1/4" Dia P-Trap	EA	27
209			1-1/2" Dia P-Trap	EA	36
210			2" Dia Gas Pipe Cap	EA	3
211			4" Dia Pipe Cap	EA	3
212			3" Dia Vent Through Roof	EA	13
			CLEANOUTS & DRAINS		
213			3" Dia Clean Out	EA	4
214			4" Dia Clean Out	EA	5
215			6" Dia Clean Out	EA	2
216			2" Dia Wall Clean Out, JOSAM SERIES 58750	EA	24
217			3" Dia Floor Clean Out, JOSAM SERIES 56020	EA	1
218			4" Dia Floor Clean Out, JOSAM SERIES 56020	EA	1
219			6" Dia Floor Clean Out, JOSAM SERIES 56020	EA	2
220			4" Dia Roof Drain	EA	17
221			3" Dia Floor Drain	EA	2
222			4" Dia Floor Drain	EA	2
223			4" Dia Hub Drain	EA	3
224			4" Dia Area Drain	EA	2
225			4" Dia Over Flow Drain, JOSAM SERIES M	EA	2
226			4" Dia Deck Drain	EA	2
227			6" Dia Deck Drain	EA	1
			VALVES		
228			1/2" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	174
229			3/4" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	1
230			1" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	18
231			2" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	4
232			4" Dia Shut Off Valve, 125 PSI NIBCO SCOTT, STOCKHAM	EA	1
233			2" Dia Lockable Gas Shutoff Valve	EA	1
234			6" Dia Backwater Valve In Floor Box	EA	1
			PVC COUPLING		
235			3/4" Dia	EA	7
236			1" Dia	EA	5
237			2" Dia	EA	174
238			3" Dia	EA	133
239			4" Dia	EA	178
240			6" Dia	EA	20
241			8" Dia	EA	7
			PIPE SUPPORT		
242			1/2" Dia Adjustable Clevis Hanger	EA	462
243			3/4" Dia Adjustable Clevis Hanger	EA	208
244			1" Dia Adjustable Clevis Hanger	EA	107
245			1-1/4" Dia Adjustable Clevis Hanger	EA	17
246			1-1/2" Dia Adjustable Clevis Hanger	EA	9
247			2" Dia Adjustable Clevis Hanger	EA	217
248			3" Dia Adjustable Clevis Hanger	EA	127
249			4" Dia Adjustable Clevis Hanger	EA	168
250			6" Dia Adjustable Clevis Hanger	EA	11
251			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	803

DETAILED BREAKDOWN OF ITEMS

Prepared for: Block Capital 34 NW 27th St Miami, FL 33127
Project ID: 24092024
Scope: MEP

MEP Estimation
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28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
252			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	512
253			5/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	11
			TRENCHING & BACKFILLING		
254			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	2310
			HVAC		
			FLEXIBLE DUCT		
255			6" Dia Flexible Duct	EA	21
256			8" Dia Flexible Duct	EA	1
			REFRIGERANT PIPE		
		Assumed	**Type ACR Copper Pipe**		
257			3/8" Refrigerant Liquid Pipe	EA	40
258			5/8" Refrigerant Suction Pipe	EA	40
		Assumed	**1/2" Thick Armaflex Insulation**		
259			3/8" Refrigerant Liquid Pipe	EA	40
260			5/8" Refrigerant Suction Pipe	EA	40
			REFRIGERANT PIPE FITTINGS		
			ELBOW		
261			3/8" Refrigerant Liquid Pipe 90 Deg Elbow	EA	30
262			5/8" Refrigerant Suction Pipe 90 Deg Elbow	EA	30
			TEE		
263			3/8" Refrigerant Liquid Pipe Tee	EA	2
264			5/8" Refrigerant Suction Pipe Tee	EA	2
			AIR DEVICES		
265			A: Supply Air, TITUS 272FS, Type: Side Wall, 8"x6" Face Size, Accessories: AG	EA	2
266			A: Supply Air, TITUS 272FS, Type: Side Wall, 12"x6" Face Size, Accessories: A	EA	9
267			A: Supply Air, TITUS 272FS, Type: Side Wall, 14"x6" Face Size, Accessories: A	EA	19
268			A: Supply Air, TITUS 272FS, Type: Side Wall, 16"x6" Face Size, Accessories: A	EA	1
269			A: Supply Air, TITUS 272FS, Type: Side Wall, 18"x6" Face Size, Accessories: A	EA	12
270			A: Supply Air, TITUS 272FS, Type: Side Wall, 20"x6" Face Size, Accessories: A	EA	10
271			A: Supply Air, TITUS 272FS, Type: Side Wall, 24"x6" Face Size, Accessories: A	EA	8
272			A: Supply Air, TITUS 272FS, Type: Side Wall, 26"x6" Face Size, Accessories: A	EA	2
273			A: Supply Air, TITUS 272FS, Type: Side Wall, 30"x6" Face Size, Accessories: A	EA	1
274			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, 6"x4" Face Size, 6" Dia Nec	EA	57
275			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x6", Neck Size:	EA	9
276			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x6", Neck Size:	EA	4
277			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x8", Neck Size:	EA	1
278			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 8"x8", Neck Size:	EA	1
279			B: Supply Air, TITUS 250 AA, Type: CLG Diffuser, Face Size: 12"x6", Neck Size	EA	8
280			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 10"x10" Face SizeNote:1-Diffu	EA	10
281			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 12"x12" Face SizeNote:1-Diffu	EA	2
282			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 24"x24" Face SizeNote:1-Diffu	EA	10
283			C: Return Air, TITUS 3FL, Type: CLG/Wall Grill, 20"x6" Face SizeNote:1-Diffus	EA	5
284			C: Return Air, TITUS 3FL, Type: Transfer Wall Grille, 18"x6" Face SizeNote:1-D	EA	10
285			C: Return Air, TITUS 3FL, Type: Transfer Wall Grille, 24"x6" Face SizeNote:1-D	EA	4
286			C: Return Air, TITUS 3FL, Type: Transfer Wall Grille, 26"x6" Face SizeNote:1-D	EA	20
287			C: Return Air, TITUS 3FL, Type: Door Grille, 20"x6" Face SizeNote:1-Diffuser, F	EA	10
288			F: Supply Air, TITUS ML-39, Type: Linear Diffuser, Neck Size: 6" Dia, L: 4'-0",	EA	3
289			I: Supply Air, TITUS FL-10 2-SLOT WITH HIGHTHROW CONTROLLER, Typ	EA	2
290			I: Supply Air, TITUS FL-10 2-SLOT WITH HIGHTHROW CONTROLLER, Typ	EA	1
291			L: Exhaust/OA Intake, GREENHECK EHH-601D WITH VCD-40 DAMPER MIA	EA	2
	M-100, M-101, M-102, M-103, M-105, M-106, M-107, M-400, M-401, M-402, M-403, M-404 & M-405		**SPLIT SYSTEM INDOOR UNITS**		
292			FCU-A: CARRIER FJ4DNXB30L00, Unit Type Nominal Capacity: V/H, 2.5 Tons	EA	15
293			FCU-B: CARRIER FJ4DNXB36L00, Unit Type Nominal Capacity: V/H, 3.0 Tons	EA	1
294			FCU-C: CARRIER FJ4DNXB36L00, Unit Type Nominal Capacity: V/H, 3.5 Tons	EA	2
			SPLIT SYSTEM OUTDOOR UNITS		
295			CU-A: Condensing Unit, CARRIER GA5SAN43000W, Unit Size: 2.5 Tons, Outd	EA	15
296			CU-B: Condensing Unit, CARRIER GA5SAN43600W, Unit Size: 3.0 Tons, Outd	EA	1
297			CU-C: Condensing Unit, CARRIER GA5SAN44200W, Unit Size: 3.5 Tons, Outd	EA	2
			SPLIT SYSTEM INDOOR UNITS		
298		**Detail Not Given**	FCU-103	EA	1
299			FCU-100	EA	1
300			FCU-101	EA	1
301			FCU-102	EA	1
			PACKAGED AIR UNIT		
302			PACU-1: ADDISON PROA-840 E8, EER: 14.7, Type: Horizontal, Air Cooled, Di	EA	1
			FAN		
303			EF-1: Exhaust Fan, GREENHECK SP-B80, Capacity, CFM: 50, SP IN WG: 0.3, F	EA	34
304			TEF-1: Toilet Exhaust Fan, GREENHECK GB-081-4, Capacity, CFM: 500, SP IN	EA	1
305			DEF-1: Dryer Exhaust Fan, GREENHECK GB-081-4, Capacity, CFM: 650, SP IN	EA	1
			DAMPERS		
306			4" Dia Volume Damper	EA	1
307			12"x6" Volume Damper	EA	2

DETAILED BREAKDOWN OF ITEMS

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28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
308			28"x8" Volume Damper	EA	2
309			4" Dia Fire Damper	EA	1
310			8"x6" ASFD	EA	1
311			8"x8" ASFD	EA	1
312			14"x8" ASFD	EA	4
313			36"x18" Motorized Damper	EA	2
			DUCT WEIGHT		
314			Galvanized Sheet Metal Duct	LB	10729
			DUCT INSULATION		
315			1-1/2" Thick Fiberglass Insulation	SF	7987
			MISCELLANEOUS		
316			Thermostat	EA	19
317			Smoke Detector	EA	1
318		**Detail Not Given**	Return Air Plenum	EA	15
			PIPE SUPPORTS		
319			3/8" Dia Adjustable Clevis Hanger	EA	68
320			5/8" Dia Adjustable Clevis Hanger	EA	68
321			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	136
			DUCT SUPPORTS		
322			3/8" Threaded Rod	EA	698
323			1" x 22 Ga. Strap	EA	349
			ELECTRICAL		
			DISTRIBUTION		
			CONDUIT		
324		**Length Assumed**	1" EMT Conduit With Pullstring	EA	3
325			1" EMT Conduit	EA	9
326		**Length Assumed**	1-1/2" EMT Conduit With Pullstring	EA	3
327			1-1/2" EMT Conduit	EA	2
328			1-1/4" EMT Conduit	EA	24
329			1-1/4" RGS Conduit	EA	0.5
330			2" EMT Conduit	EA	145
331			1-1/4" PVC SCH 40 Conduit	EA	7
332			2-1/2" PVC SCH 40 Conduit	EA	7
333			3" PVC SCH 40 Conduit	EA	24
334			3-1/2" PVC SCH 40 Conduit	EA	16
			CONDUCTOR		
335			#8 CU THHN/THWN	EA	1
336			#6 CU THHN/THWN	EA	9
337			#4 CU THHN/THWN	EA	2
338			#3 CU THHN/THWN	EA	4
339			#1 CU THHN/THWN	EA	0.4
340			#1/0 CU THHN/THWN	EA	15
341			#2/0 CU THHN/THWN	EA	7
342			#3/0 CU THHN/THWN	EA	1
343			#400 MCM CU THHN/THWN	EA	5
344			#600 MCM CU THHN/THWN	EA	3
			LUGS		
345			Compression Lug CU With 1-Hole , #8 CU Wire	EA	112
346			Heat Shrink Tubing for #8 CU Wire	EA	112
347			Compression Lug CU With 1-Hole , #6 CU Wire	EA	46
348			Heat Shrink Tubing for #6 CU Wire	EA	46
349			Compression Lug CU With 1-Hole , #4 CU Wire	EA	8
350			Heat Shrink Tubing for #4 CU Wire	EA	8
351			Compression Lug CU With 1-Hole , #3 CU Wire	EA	26
352			Heat Shrink Tubing for #3 CU Wire	EA	26
353			Compression Lug CU With 1-Hole , #1 CU Wire	EA	8
354			Heat Shrink Tubing for #1 CU Wire	EA	8
355			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	72
356			Heat Shrink Tubing for #1/0 CU Wire	EA	72
357			Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	30
358			Heat Shrink Tubing for #2/0 CU Wire	EA	30
359			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	16
360			Heat Shrink Tubing for #3/0 CU Wire	EA	16
361			Compression Lug CU With 1-Hole , #400 MCM CU Wire	EA	24
362			Heat Shrink Tubing for #400 MCM CU Wire	EA	24
363			Compression Lug CU With 1-Hole , #600 MCM CU Wire	EA	16

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
364			Heat Shrink Tubing for #600 MCM CU Wire	EA	16
			CIRCUIT BREAKER		
365			1P/15A Breaker	EA	3
366			1P/20A AFCI Breaker	EA	206
367			1P/20A AFCI/GFCI Breaker	EA	68
368			1P/20A Breaker	EA	41
369			1P/30A Breaker	EA	1
370			2P/15A Breaker	EA	2
371			2P/20A AFCI Breaker	EA	4
372			2P/20A Breaker	EA	18
373			2P/25A Breaker	EA	15
374			2P/30A Breaker	EA	49
375			2P/40A Breaker	EA	17
376			2P/50A Breaker	EA	2
377			2P/150A Breaker	EA	12
378			2P/175A Breaker	EA	5
379			3P/35A, 65KAIC Breaker	EA	1
380			3P/40A Breaker	EA	1
381			3P/50A, 65KAIC Breaker	EA	1
382			3P/60A, 65KAIC Breaker	EA	1
383			3P/70A MCB Breaker	EA	1
384			3P/70A, 65KAIC Breaker	EA	1
385			3P/90A, 65KAIC Breaker	EA	1
386			3P/100A Breaker	EA	1
387			3P/125A, 65KAIC Breaker	EA	1
388			3P/150A MCB Breaker	EA	12
389			3P/175A MCB Breaker	EA	5
390			3P/400A MCB Breaker	EA	3
391			3P/3000A MCB Breaker	EA	1
			PANEL		
392			Panel DP1: 400A, 120/208v, 3PH, 4W Mains: MCB, 42KAIC, 28 Poles	EA	1
393			Panel H: 125A, 120/240V, 3PH, 4W Mains: MCB, 42 Poles, 22KAIC, Surface Mounted	EA	1
394			Panel R: 125A, 120/208V, 3PH, 4W Mains: MCB, 10KAIC, 18 Poles, Surface Mounted	EA	1
395			Panel R1: 400A, 120/208V, 3PH, 4W Mains: MCB, 42KAIC, 42 Poles, Surface Mounted	EA	1
396			Unit Panel: 225A, 208/120V, 1PH, 3W Mains: MCB, 22KAIC, 42 Poles, Recessed Mounted	EA	17
			DEVICES		
397			100A Fire Pump Meter & CT Cabinet Rating Assumed	EA	1
398			125A House Meter & CT Cabinet	EA	1
399			30HP Elevator Controller	EA	1
400			3P/100A, 65KAIC Transfer Switch, NEMA 1	EA	1
401			400A Meter	EA	1
402			Elevator Cab Controller	EA	1
403			Fire Pump Controller	EA	1
404			Utility Transformer, FPL	EA	1
405			Meter Center MC 1: 1000A, 120/208V, 3PH, 4W Mains: MCB, 22KAIC	EA	1
406			225A Meter Socket	EA	17
			DISCONNECT SWITCH		
407			2P/20A Disconnect Switch	EA	1
408			2P/30A Disconnect Switch	EA	22
409			3P/40A Disconnect Switch, NEMA-3R	EA	18
410			3P/60A Disconnect Switch	EA	1
411			3P/100A Disconnect Switch, NEMA-3R	EA	1
			GROUNDING		
412	**E-101, E-102, E-103, E-105, E-106, E-107, E-400, E-401, E-402, E-403, E-404, E-405, E-406, E-700, E-800 & M-100**	**Size Assumed**	5/8" x 10' CU Clad Ground Rod	EA	5
413			Main Ground Bus Bar	EA	3
414		**Length Assumed**	#3/0 CU Grounding Conductor	EA	0.5
415			1" PVC SCH 40 Conduit	EA	0.5
			POWER		
			CONDUIT		
416			1/2" EMT Conduit	EA	1152
417			3/4" EMT Conduit	EA	135
418			3/4" RGS Conduit	EA	9
			CONDUCTOR		
419			#18 CU THHN/THWN	EA	5
420			#14 CU THHN/THWN	EA	2
421			#12 CU THHN/THWN	EA	154
422			#10 CU THHN/THWN	EA	17
423			#8 CU THHN/THWN	EA	17
			DEVICE		

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
424			20A Special Receptacle, Tamper Resistant	EA	18
425			30A Special Receptacle	EA	29
426			40A Special Receptacle	EA	17
427			Duplex Receptacle	EA	34
428			Duplex Receptacle GFCI	EA	4
429			Duplex Receptacle GFCI, Above Countertop	EA	4
430			Duplex Receptacle GFCI, WP	EA	6
431			Duplex Receptacle GFCI, WP, Above Countertop	EA	10
432			Duplex Receptacle, GFCI, Tamper Resistant	EA	13
433			Duplex Receptacle, GFCI, Tamper Resistant Above Counter	EA	87
434			Duplex Receptacle, GFCI, WP, Tamper Resistant	EA	23
435			Duplex Receptacle, GFI, Tamper Resistant	EA	4
436			Duplex Receptacle, Tamper Resistant	EA	269
437			Exhaust Fan Connection	EA	36
438			Grill Shutdown Button	EA	2
439			Simplex Receptacle	EA	86
440			Single Pole Switch	EA	17
441			Single Pole Switch, WP, NEMA-3R	EA	2
442			Single Receptacle, Straight Blade	EA	4
443			Special Receptacle	EA	4
444			Thermostat	EA	17
			LIGHTING		
			CONDUIT		
445			1/2" EMT Conduit	EA	813
			CONDUCTOR		
446			#12 CU THHN/THWN	EA	118
447			#10 CU THHN/THWN	EA	4
			LIGHTING FIXTURES		
448			F01: 1x4 Vapor Tight, ILP WT4-4L/5L/SL-140-FRL Mounting: Surface Watts: 49W	EA	1
449			F03A: 1x4 Surface Wall LED With Sensor & Battery, METALUK 45WLED-72HL-LW-UNV-EL10W- L830-CD1-SVPD2-U Mounting: Surface Watts: 71.5W	EA	23
450			F04: Wall Pack, LUMARK AXC 52A-W-FINISH Mounting: Surface Watts: 20.7W	EA	10
451			L-02: Large Rectangle Sconce Open Top And Bottom, JUSTICE CER-0955W-CRB Watts: 10W	EA	17
452			L-03: 2" Round Can Less Downlight, HALO RL4LS9FSD2W1EWHDM HL4RSMF Mounting: Recessed Watts: 10W	EA	5
453			L-04: BRIO 36" Vanity Bathroom Bar, KUZCO VL63636-BK Mounting: Surface/Wall Watts: 33W	EA	40
454			L-05: 4" Round Can Less Downlight, HALO RL4LS9FSD2W1EWHDM HL4RSMF Mounting: Recessed Watts: 10.5W	EA	78
455			L-05 (Vapor Proof): 4" Round Can Less Downlight, HALO RL4LS9FSD2W1EWHDM HL4RSMF Mounting: Recessed Watts: 10.5W	EA	2
456			L-06: Helsinki UP/Down, KUZCO EW48003-BK Mounting: Surface/Wall Watts: 12W	EA	14
457			L-07: 6" Round Surface Mounted Downlight, HALO SMD6R69SWH SMD6RTRMMB Mounting: Surface Watts: 9W	EA	38
458			L-8: 14" Round Surface Mounted Downlight, HALO SMD14R209SWHE SMD14RTRMMB Mounting: Surface Watts: 26.4W	EA	58
459			L-10: 4" Round Can Less Downlight, HALO LCR412RD9FSE020 HL4RSMF Mounting: Recessed Watts: 14.5W	EA	72
460			L-10E: 4" Round Can Less Downlight W/ Battery Backup, HALO LCR412RD9FSE040 HL4RSMF Mounting: Recessed Watts: 14.5W	EA	13
461			L-11: Mini LED Track Head, HALO L81208FL9030MB Mounting: Mounted To Track Type L-11T Watts: 10.5W	EA	80
462			L-11T (16 EA): 10' Track, HALO L652MB L909MB Mounting: Surface	EA	16
463			L-15: 2' Wet Beam Surface Mount, AOS WBSLED-500-9030-5-2-BLK-UNV DP1-SC-EF Mounting: Surface Watts: 5.5 Per Foot	EA	16

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
464			X: EDGE LIT Exit Sign, SURELITES SCX70G Mounting: Universal Watts: 3W	EA	11
465		Schedule Not Given	Downlight LED Fixture	EA	19
			LIGHTING CONTROL		
466			Four Way Switch	EA	12
467			Single Pole Switch	EA	142
468			Single Pole Switch, WP	EA	10
469			Three Way Switch	EA	86
			MISCELLANEOUS		
470			Junction Box	EA	18
471			Junction Box, Ceiling Mounted	EA	2
			TRENCHING & BACKFILLING		
472			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	160
			COMMUNICATION		
			TELECOMMUNICATION		
	E-400, E-401, E-402, E-403 & E-404		**CONDUIT**		
473			3/4" EMT Conduit Upto Ceiling	EA	165
			CONDUCTOR		
474			CAT6 Cable	EA	12
475			Coaxial Cable	EA	12
			J-HOOKS		
476			2" J-Hooks	EA	120
			DEVICES		
477			Telephone Outlet	EA	55
478			RJ45 Connector	EA	55
479			Backbox	EA	55
480			Faceplate	EA	55
481			TV Outlet	EA	55
482			F-Connector	EA	55
483			Backbox	EA	55
484			Faceplate	EA	55
			ELECTRONIC SAFETY AND SECURITY		
			FIRE ALARM		
	E-400, E-401, E-402, E-403 & E-404		**CONDUIT**		
485			1/2" EMT Conduit	EA	89
			CONDUCTOR		
486			#16 CU THHN/THWN	EA	9
			DEVICES		
487			Combo Smoke Detector/Carbon Monoxide Sensor	EA	2
488			Fire Alarm Carbon Monoxide	EA	26
489			Fire Alarm Carbon Monoxide, Ceiling Mounted	EA	20
490			Fire Alarm Smoke Detector, Wall Mounted	EA	62

PROJECTED COST
OVERHEAD AND PROFIT
INSURANCE
CONTINGENCY
TAX
SUGGESTED BID

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.