

GENERAL SUMMARY

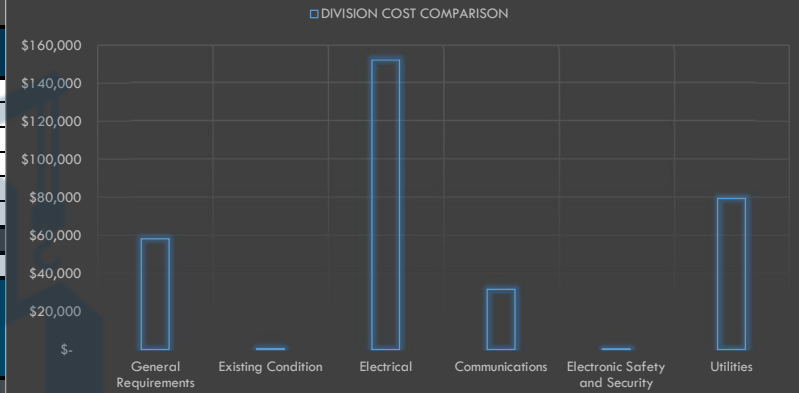
Prepared for: Wendy's, S.R. 64 And White Eagle Blvd Bradenton, Florida Manatee County
Project ID: 29112023
Scope: Electrical
No. Of Floors: 1
Date: 15-May-24



BUILDING GSF 4,410
1st Floor (SF) 3289
Roof (SF) 1121

DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 58,200	\$ 13
2000	Existing Condition	\$ 500	\$ 0
26000	Electrical	\$ 152,202	\$ 35
27000	Communications	\$ 31,512	\$ 7
28000	Electronic Safety and Security	\$ 204	\$ 0
33000	Utilities	\$ 79,276	\$ 18
TOTAL TRADE COST		\$ 321,894	\$ 73
OVERHEAD AND PROFIT			
	15%	\$ 48,284	\$ 10.95
INSURANCE	3%	\$ 9,657	\$ 2
CONTINGENCY	5%	\$ 16,095	\$ 4
TAX	7.0%	\$ 14,005	\$ 2
SUGGESTED BID		\$ 409,935	\$ 92

DIVISION COST COMPARISON



DETAILED BREAKDOWN OF ITEMS

Prepared for: Wendy's, S.R. 64 And White Eagle Blvd Bradenton, Florida Manatee County
 Project ID: 29112023
 Scope: Electrical



Date: 15-May-24

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 27,000.00	\$ 27,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 18,000.00	\$ 18,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 6,500.00	\$ 6,500.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,200.00	\$ 2,200.00
												SUBTOTAL	\$ 58,200
EXISTING CONDITIONS													
RELOCATION													
8	D0.1		Existing Lighting Pole To Be Relocated	LS	1	0%	1			\$ -	\$ -	\$ 500.00	\$ 500.00
												SUBTOTAL	\$ 500
ELECTRICAL													
DISTRIBUTION													
CONDUIT													
9		Pre-Wired In Modular Panel & Length Assumed	2" EMT Conduit	LF	10	10%	11	0.100	\$ 44.00	\$ 4.40	\$ 7.74	\$ 12.14	\$ 133.54
10			2-1/2" EMT Conduit	LF	30	10%	33	0.133	\$ 44.00	\$ 5.87	\$ 10.22	\$ 16.09	\$ 530.81
11			3-1/2" EMT Conduit	LF	46	10%	50	0.178	\$ 44.00	\$ 7.83	\$ 16.56	\$ 24.39	\$ 1,229.94
CONDUCTOR													
12		Pre-Wired In Modular Panel & Length Assumed	#6 CU THHN/THWN	LF	10	10%	11	0.010	\$ 44.00	\$ 0.44	\$ 0.86	\$ 1.30	\$ 14.30
13			#4 CU THHN/THWN	LF	40	10%	44	0.012	\$ 44.00	\$ 0.53	\$ 1.32	\$ 1.85	\$ 81.31
14			#3/0 CU THHN/THWN	LF	40	10%	44	0.017	\$ 44.00	\$ 0.75	\$ 4.31	\$ 5.06	\$ 222.55
15			#4/0 CU THHN/THWN	LF	120	10%	132	0.018	\$ 44.00	\$ 0.79	\$ 5.37	\$ 6.16	\$ 813.38
16			#350KCMIL CU THHN/THWN	LF	183	10%	202	0.032	\$ 44.00	\$ 1.41	\$ 8.75	\$ 10.16	\$ 2,048.83
LUGS													
17		Pre-Wired In Modular Panel	Compression Lug CU With 1-Hole , #6 CU Wire	EA	2	0%	2	0.125	\$ 44.00	\$ 5.50	\$ 2.64	\$ 8.14	\$ 16.28
			Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2	0.078	\$ 44.00	\$ 3.43	\$ 0.19	\$ 3.63	\$ 7.25
18			Compression Lug CU With 1-Hole , #4 CU Wire	EA	8	0%	8	0.125	\$ 44.00	\$ 5.50	\$ 2.94	\$ 8.44	\$ 67.52
			Heat Shrink Tubing for #4 CU Wire	EA	8	0%	8	0.078	\$ 44.00	\$ 3.43	\$ 0.21	\$ 3.64	\$ 29.14
19			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	8	0%	8	0.140	\$ 44.00	\$ 6.16	\$ 6.56	\$ 12.72	\$ 101.76
			Heat Shrink Tubing for #3/0 CU Wire	EA	8	0%	8	0.085	\$ 44.00	\$ 3.74	\$ 0.32	\$ 4.06	\$ 32.48
20			Compression Lug CU With 1-Hole , #4/0 CU Wire	EA	24	0%	24	0.140	\$ 44.00	\$ 6.16	\$ 7.28	\$ 13.44	\$ 322.56
			Heat Shrink Tubing for #4/0 CU Wire	EA	24	0%	24	0.085	\$ 44.00	\$ 3.74	\$ 0.34	\$ 4.08	\$ 97.92
21			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16	0.150	\$ 44.00	\$ 6.60	\$ 12.19	\$ 18.79	\$ 300.64
			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16	0.092	\$ 44.00	\$ 4.05	\$ 0.41	\$ 4.46	\$ 71.33
CIRCUIT BREAKER													
22			1P/15A Breaker	EA	2	0%	2	0.400	\$ 44.00	\$ 17.60	\$ 20.00	\$ 37.60	\$ 75.20
23			1P/15A GFCI Breaker	EA	3	0%	3	0.425	\$ 44.00	\$ 18.70	\$ 21.00	\$ 39.70	\$ 119.10
24			1P/20A Breaker	EA	63	0%	63	0.450	\$ 44.00	\$ 19.80	\$ 23.00	\$ 42.80	\$ 2,696.40
25			1P/20A Breaker With Handle Lock-On Device	EA	3	0%	3	0.450	\$ 44.00	\$ 19.80	\$ 26.55	\$ 46.35	\$ 139.05
26			1P/20A GFCI Breaker	EA	32	0%	32	0.450	\$ 44.00	\$ 19.80	\$ 26.55	\$ 46.35	\$ 1,483.20
27			2P/20A Breaker	EA	4	0%	4	0.500	\$ 44.00	\$ 22.00	\$ 43.00	\$ 65.00	\$ 260.00
28			2P/20A GFCI Breaker	EA	6	0%	6	0.500	\$ 44.00	\$ 22.00	\$ 45.00	\$ 67.00	\$ 402.00

DETAILED BREAKDOWN OF ITEMS

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 Scope: Electrical



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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
29			2P/30A GFCI Breaker	EA	1	0%	1	0.550	\$ 44.00	\$ 24.20	\$ 58.00	\$ 82.20	\$ 82.20
30			2P/40A Breaker	EA	1	0%	1	0.550	\$ 44.00	\$ 24.20	\$ 68.00	\$ 92.20	\$ 92.20
31			3P/20A Breaker	EA	2	0%	2	0.500	\$ 44.00	\$ 22.00	\$ 55.00	\$ 77.00	\$ 154.00
32			3P/30A Breaker	EA	1	0%	1	0.600	\$ 44.00	\$ 26.40	\$ 75.00	\$ 101.40	\$ 101.40
33			3P/30A Breaker With Shunt Trip	EA	2	0%	2	0.600	\$ 44.00	\$ 26.40	\$ 75.00	\$ 101.40	\$ 202.80
34			3P/30A GFCI Breaker	EA	2	0%	2	0.600	\$ 44.00	\$ 26.40	\$ 78.00	\$ 104.40	\$ 208.80
35			3P/50A GFCI Breaker	EA	4	0%	4	0.650	\$ 44.00	\$ 28.60	\$ 111.00	\$ 139.60	\$ 558.40
36			3P/60A Breaker With Shunt Trip	EA	1	0%	1	0.780	\$ 44.00	\$ 34.32	\$ 144.00	\$ 178.32	\$ 178.32
37			3P/100A Breaker With Shunt Trip	EA	1	0%	1	1.050	\$ 44.00	\$ 46.20	\$ 454.00	\$ 500.20	\$ 500.20
38			3P/125A Breaker	EA	1	0%	1	1.200	\$ 44.00	\$ 52.80	\$ 665.00	\$ 717.80	\$ 717.80
39			3P/125A Breaker With Shunt Trip	EA	1	0%	1	1.200	\$ 44.00	\$ 52.80	\$ 665.00	\$ 717.80	\$ 717.80
40			3P/200A Breaker With Shunt Trip	EA	1	0%	1	1.310	\$ 44.00	\$ 57.64	\$ 812.00	\$ 869.64	\$ 869.64
41			3P/225A Breaker	EA	2	0%	2	1.350	\$ 44.00	\$ 59.40	\$ 850.00	\$ 909.40	\$ 1,818.80
42			3P/225A Breaker With Shunt Trip	EA	1	0%	1	1.350	\$ 44.00	\$ 59.40	\$ 850.00	\$ 909.40	\$ 909.40
43			600A MCB	EA	1	0%	1	3.760	\$ 44.00	\$ 165.44	\$ 4,385.15	\$ 4,550.59	\$ 4,550.59
			DEVICES										
44			Pre-Packaged & Pre-Wired Switchgear Modular Panel System	EA	1	0%	1	12.580	\$ 44.00	\$ 553.52	\$ 16,279.85	\$ 16,833.37	\$ 16,833.37
			Panel A: 225A, 120/208V, 3Ph, 4W+IG, Mains: MLO, 10KAIC, 42 Poles, NEMA 1	EA	1	0%	1	4.250	\$ 44.00	\$ 187.00	\$ 3,158.00	\$ 3,345.00	\$ 3,345.00
			Panel B: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, NEMA 1	EA	1	0%	1	4.250	\$ 44.00	\$ 187.00	\$ 3,158.00	\$ 3,345.00	\$ 3,345.00
			Panel C: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, NEMA 1	EA	1	0%	1	4.250	\$ 44.00	\$ 187.00	\$ 3,158.00	\$ 3,345.00	\$ 3,345.00
			Panel CC: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, NEMA 1	EA	1	0%	1	4.250	\$ 44.00	\$ 187.00	\$ 3,158.00	\$ 3,345.00	\$ 3,345.00
			Panel MDP: 600A, 120/208V, 3Ph, 4W+IG, Mains: MCB, 65KAIC, 8 Poles, NEMA 1	EA	1	0%	1	9.650	\$ 44.00	\$ 424.60	\$ 7,079.99	\$ 7,504.59	\$ 7,504.59
			Lighting Control Panel	EA	1	0%	1	2.540	\$ 44.00	\$ 111.76	\$ 1,507.56	\$ 1,619.32	\$ 1,619.32
			Fan Control Panel	EA	1	0%	1	1.800	\$ 44.00	\$ 79.20	\$ 996.82	\$ 1,076.02	\$ 1,076.02
			Surge Protection Device	EA	1	0%	1	2.170	\$ 44.00	\$ 95.48	\$ 1,228.99	\$ 1,324.47	\$ 1,324.47
			Neutral Bus Bar	EA	1	0%	1	0.325	\$ 44.00	\$ 14.30	\$ 44.00	\$ 58.30	\$ 58.30
			Grounding Bus Bar	EA	1	0%	1	0.560	\$ 44.00	\$ 24.64	\$ 139.78	\$ 164.42	\$ 164.42
			Isolated Grounding Bus Bar	EA	1	0%	1	0.325	\$ 44.00	\$ 14.30	\$ 44.00	\$ 58.30	\$ 58.30
			DISCONNECT SWITCH										
45			1P/20A Toggle Disconnect Switch	EA	3	0%	3	0.500	\$ 44.00	\$ 22.00	\$ 39.85	\$ 61.85	\$ 185.55
46			2P/30A Disconnect Switch, NEMA 3R	EA	2	0%	2	0.525	\$ 44.00	\$ 23.10	\$ 47.00	\$ 70.10	\$ 140.20
47			2P/60A Disconnect Switch	EA	1	0%	1	0.550	\$ 44.00	\$ 24.20	\$ 59.78	\$ 83.98	\$ 83.98
48			3P/30AS/15AF Fused Disconnect Switch	EA	2	0%	2	0.600	\$ 44.00	\$ 26.40	\$ 223.00	\$ 249.40	\$ 498.80
49			3P/200A Fused Disconnect Switch	EA	1	0%	1	3.500	\$ 44.00	\$ 154.00	\$ 2,485.00	\$ 2,639.00	\$ 2,639.00
			GROUNDING										
50			3/4" x 10' CU Clad Ground Rod	EA	2	0%	2	0.325	\$ 44.00	\$ 14.30	\$ 44.00	\$ 58.30	\$ 116.60
51			#3/0 CU Grounding Conductor	LF	30	10%	33	0.017	\$ 44.00	\$ 0.75	\$ 4.31	\$ 5.06	\$ 166.91
			POWER										
			CONDUIT										
52			1/2" EMT Conduit	LF	2310	10%	2541	0.047	\$ 44.00	\$ 2.07	\$ 1.17	\$ 3.24	\$ 8,227.94
53			3/4" EMT Conduit	LF	2312	10%	2543	0.062	\$ 44.00	\$ 2.73	\$ 1.82	\$ 4.55	\$ 11,565.77
54			1" EMT Conduit	LF	73	10%	80	0.070	\$ 44.00	\$ 3.08	\$ 3.08	\$ 6.16	\$ 491.73
55			1-1/4" EMT Conduit	LF	114	10%	125	0.080	\$ 44.00	\$ 3.52	\$ 5.07	\$ 8.59	\$ 1,077.94

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56			1-1/2" EMT Conduit	LF	97	10%	107	0.089	\$ 44.00	\$ 3.92	\$ 6.33	\$ 10.25	\$ 1,098.32
57			3/4" RGS Conduit	LF	45	10%	50	0.100	\$ 44.00	\$ 4.40	\$ 4.54	\$ 8.94	\$ 442.53
58			1-1/2" RGS Conduit	LF	10	10%	11	0.145	\$ 44.00	\$ 6.38	\$ 11.49	\$ 17.87	\$ 196.57
59			3/4" PVC SCH 40 Conduit	LF	69	10%	76	0.055	\$ 44.00	\$ 2.42	\$ 1.95	\$ 4.37	\$ 332.98
60			1" PVC SCH 40 Conduit	LF	39	10%	43	0.064	\$ 44.00	\$ 2.82	\$ 3.24	\$ 6.06	\$ 261.93
			CONDUCTOR										
61			#18 CU THHN/THWN	LF	121	10%	133	0.005	\$ 44.00	\$ 0.22	\$ 0.12	\$ 0.34	\$ 45.12
62			#12 CU THHN/THWN	LF	12664	10%	13930	0.007	\$ 44.00	\$ 0.31	\$ 0.23	\$ 0.54	\$ 7,494.26
63			#10 CU THHN/THWN	LF	2907	10%	3198	0.008	\$ 44.00	\$ 0.35	\$ 0.38	\$ 0.73	\$ 2,340.83
64			#8 CU THHN/THWN	LF	73	10%	80	0.009	\$ 44.00	\$ 0.40	\$ 0.56	\$ 0.96	\$ 76.24
65			#6 CU THHN/THWN	LF	358	10%	393	0.010	\$ 44.00	\$ 0.44	\$ 0.86	\$ 1.30	\$ 511.27
66			#1 CU THHN/THWN	LF	255	10%	281	0.014	\$ 44.00	\$ 0.62	\$ 2.26	\$ 2.88	\$ 807.29
67			#1/0 CU THHN/THWN	LF	111	10%	122	0.015	\$ 44.00	\$ 0.66	\$ 2.77	\$ 3.43	\$ 417.67
			DEVICE										
68			20A Special Purpose Receptacle, NEMA L14-20P	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 32.87	\$ 49.59	\$ 49.59
69			20A Special Purpose Receptacle, NEMA L14-20R	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 32.87	\$ 49.59	\$ 49.59
70			30A Special Purpose Receptacle, NEMA 6-30	EA	4	0%	4	0.380	\$ 44.00	\$ 16.72	\$ 32.87	\$ 49.59	\$ 198.36
71			30A Special Purpose Receptacle, NEMA 15-30	EA	3	0%	3	0.380	\$ 44.00	\$ 16.72	\$ 32.87	\$ 49.59	\$ 148.77
72			30A Special Purpose Receptacle, NEMA L15-30	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 32.87	\$ 49.59	\$ 49.59
73			50A Special Purpose Receptacle, NEMA 15-50	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 36.00	\$ 52.72	\$ 52.72
74			60A Special Purpose Receptacle, NEMA 15-60	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 38.57	\$ 55.29	\$ 55.29
75	E1.1, E2.1, E2.2,		Duplex Receptacle	EA	31	0%	31	0.380	\$ 44.00	\$ 16.72	\$ 36.00	\$ 52.72	\$ 1,634.32
76	E2.3, E3.1A &		Duplex Receptacle, GFCI	EA	3	0%	3	0.380	\$ 44.00	\$ 16.72	\$ 38.15	\$ 54.87	\$ 164.61
77	E3.1		Duplex Receptacle, GFCI, WP	EA	2	0%	2	0.380	\$ 44.00	\$ 16.72	\$ 38.15	\$ 54.87	\$ 109.74
78			Duplex Receptacle, HUBBELL #USB20X2BK, Tamper Resistant	EA	3	0%	3	0.380	\$ 44.00	\$ 16.72	\$ 38.15	\$ 54.87	\$ 164.61
79			Duplex Receptacle, Isolated Ground, HUBBELL #IG5362	EA	16	0%	16	0.380	\$ 44.00	\$ 16.72	\$ 38.15	\$ 54.87	\$ 877.92
80			Duplex Receptacle, Recessed Mounted	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 36.00	\$ 52.72	\$ 52.72
81			Duplex Receptacle, WP	EA	4	0%	4	0.380	\$ 44.00	\$ 16.72	\$ 38.15	\$ 54.87	\$ 219.48
82			Quadruplex Receptacle	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 41.00	\$ 57.72	\$ 57.72
83			Quad Receptacle, Isolated Ground, HUBBELL #IG5362	EA	3	0%	3	0.380	\$ 44.00	\$ 16.72	\$ 41.00	\$ 57.72	\$ 173.16
84			Simplex Receptacle	EA	3	0%	3	0.350	\$ 44.00	\$ 15.40	\$ 27.00	\$ 42.40	\$ 127.20
85			Emergency Power Kill Switch	EA	2	0%	2	0.544	\$ 44.00	\$ 23.94	\$ 335.79	\$ 359.73	\$ 719.45
86			30A Equipment Connection	EA	2	0%	2	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 30.80
87			100A Equipment Connection	EA	1	0%	1	0.500	\$ 44.00	\$ 22.00	\$ -	\$ 22.00	\$ 22.00
88			125A Equipment Connection	EA	1	0%	1	0.500	\$ 44.00	\$ 22.00	\$ -	\$ 22.00	\$ 22.00
89			Equipment Connection	EA	1	0%	1	0.500	\$ 44.00	\$ 22.00	\$ -	\$ 22.00	\$ 22.00
90			Exhaust Fan Connection	EA	2	0%	2	0.750	\$ 44.00	\$ 33.00	\$ -	\$ 33.00	\$ 66.00
91			Remote Fire Suppression Pull Station	EA	2	0%	2	0.880	\$ 44.00	\$ 38.72	\$ 681.81	\$ 720.53	\$ 1,441.06
92		By Mechanical	Thermostat	EA	2	0%	2						
93		Contractor	Humidity Sensor	EA	2	0%	2						
			LIGHTING										
			CONDUIT										
94			3/4" EMT Conduit	LF	1420	10%	1561	0.062	\$ 44.00	\$ 2.73	\$ 1.82	\$ 4.55	\$ 7,101.47
			CONDUCTOR										
95			#12 CU THHN/THWN	LF	2684	10%	2952	0.007	\$ 44.00	\$ 0.31	\$ 0.23	\$ 0.54	\$ 1,588.38
96			#10 CU THHN/THWN	LF	1575	10%	1732	0.008	\$ 44.00	\$ 0.35	\$ 0.38	\$ 0.73	\$ 1,267.80
			LIGHTING FIXTURES										
97			A1: LED-Downlight, BOLT BEBRK-LED56-BW-3-ECO Watts: 12W	EA	11	0%	11	0.550	\$ 44.00	\$ 24.20	\$ 37.95	\$ 62.15	\$ 683.65

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98			A1/NL: LED-Downlight On Night Light, BOLT BEBRK-LED56-BW-3-ECO Watts: 12W	EA	2	0%	2	0.550	\$ 44.00	\$ 24.20	\$ 37.95	\$ 62.15	\$ 124.30
99			A6: LED Downlight-Exterior, NICOR DLR56-3012-120-3K-NK Watts: 19W	EA	2	0%	2	0.500	\$ 44.00	\$ 22.00	\$ 26.29	\$ 48.29	\$ 96.58
100			A7: LED-5" Cylinder Light, PROGRESS P5774-31/30K Watts: 17W	EA	13	0%	13	0.680	\$ 44.00	\$ 29.92	\$ 79.92	\$ 109.84	\$ 1,427.92
101			A7/NL: LED-5" Cylinder Night Light, PROGRESS P5774-31/30K Watts: 17W	EA	3	0%	3	0.680	\$ 44.00	\$ 29.92	\$ 79.92	\$ 109.84	\$ 329.52
102			B4: 2x2 LED Flat Panel LED, BOLT BELEDPNL2X2-40W-4K Watts: 40W	EA	9	0%	9	0.750	\$ 44.00	\$ 33.00	\$ 76.00	\$ 109.00	\$ 981.00
103			B4/EM: 2x2 LED Flat Panel LED With Battery Backup, BOLT BELEDPNL2X2-40W-4K Watts: 40W	EA	1	0%	1	0.750	\$ 44.00	\$ 33.00	\$ 76.00	\$ 109.00	\$ 109.00
104			B4/NL: 2x2 LED Flat Panel Night Light LED, BOLT BELEDPNL2X2-40W-4K Watts: 40W	EA	5	0%	5	0.750	\$ 44.00	\$ 33.00	\$ 76.00	\$ 109.00	\$ 545.00
105			BL1: LED Light With 5 Spot Color Changing, INSIGHT LIGHTING 5SP/15W/R/HSL/SMS/INT-1/TBR Mounting: Surface Watts: 15W	EA	2	0%	2	0.820	\$ 44.00	\$ 36.08	\$ 115.00	\$ 151.08	\$ 302.16
106			EM2B: Emergency Light, BOLT BELEDR-1B-HL Watts: 1.8W	EA	2	0%	2	0.500	\$ 44.00	\$ 22.00	\$ 51.52	\$ 73.52	\$ 147.04
107			EM2W: Emergency Light, BOLT BELEDR-1W-HL Watts: 1.8W	EA	7	0%	7	0.500	\$ 44.00	\$ 22.00	\$ 51.52	\$ 73.52	\$ 514.64
108			EX1B: Exit/Emergency Light Combo, BOLT BELEDCXTEU2RBRCHL Watts: 3.7W	EA	3	0%	3	0.528	\$ 44.00	\$ 23.23	\$ 70.30	\$ 93.53	\$ 280.60
109			EX1W: Exit/Emergency Light Combo, BOLT BELEDCXTEU2WRCHL Watts: 3.7W	EA	2	0%	2	0.528	\$ 44.00	\$ 23.23	\$ 70.30	\$ 93.53	\$ 187.06
110			EX1RB: Exterior Emergency Light, BOLT BERHLED2-PWP-MVB Watts: 4W	EA	2	0%	2	0.500	\$ 44.00	\$ 22.00	\$ 53.68	\$ 75.68	\$ 151.36
111			HL1: Hood Lamp, GREEN CREATIVE 15A21G4DIM/830 Watts: 15W	EA	5	0%	5	0.200	\$ 44.00	\$ 8.80	\$ 13.47	\$ 22.27	\$ 111.35
112			K12: Exterior Building Decorative LED Light, INDESSA 531-1LED19-SAL-35K Watts: 19W	EA	9	0%	9	0.880	\$ 44.00	\$ 38.72	\$ 215.00	\$ 253.72	\$ 2,283.48
113			P4L: Large (14") Brass Globe Light, BOCK LIGHTING P240-LG4W141 Watts: 10W	EA	4	0%	4	0.780	\$ 44.00	\$ 34.32	\$ 88.00	\$ 122.32	\$ 489.28
114			P5: UM Bright Globe Pendant, ARKANSAS LIGHTING 4240P-LED Mounting: Pendant Watts: 20W	EA	1	0%	1	0.850	\$ 44.00	\$ 37.40	\$ 159.00	\$ 196.40	\$ 196.40
115			S1: (2 EA) Globe Light LED Strip 12 Inch Spacing, NSL MGST-12-WW ST16W CABLE CTB125RA4C MOUNT	LF	50	0%	50	0.080	\$ 44.00	\$ 3.52	\$ 52.00	\$ 55.52	\$ 2,797.65
116			T1: Theatrical Horizontal LED Head, CONTECH LIGHTING CTL8061CM35MVD-B Watts: 10W	EA	6	0%	6	0.950	\$ 44.00	\$ 41.80	\$ 327.60	\$ 369.40	\$ 2,216.40

DETAILED BREAKDOWN OF ITEMS

Prepared for: Wendy's, S.R. 64 And White Eagle Blvd Bradenton, Florida Manatee County
 Project ID: 29112023
 Scope: Electrical



Date: 15-May-24

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
117			T2: Theatrical Vertical LED Track Head, CONTECH LIGHTING CTL8061VS35D-B-BD16A 18" EXTENSION Mounting: Track Watts: 10W	EA	7	0%	7	0.950	\$ 44.00	\$ 41.80	\$ 327.60	\$ 369.40	\$ 2,585.80
118			T2T: Track System 2' Length, CONTECH LIGHTING LT-2B	EA	1	0%	1	0.500	\$ 44.00	\$ 22.00	\$ 25.20	\$ 47.20	\$ 47.20
119			T2T: Track System 4' Length, CONTECH LIGHTING LT-4B	EA	1	0%	1	0.500	\$ 44.00	\$ 22.00	\$ 41.40	\$ 63.40	\$ 63.40
120			T2T: Track System 6' Length, CONTECH LIGHTING LT-6B	EA	2	0%	2	0.500	\$ 44.00	\$ 22.00	\$ 57.60	\$ 79.60	\$ 159.20
121			TL1: (2 EA) Exterior LED Tape E Lighting System Watts: 3.8W/FT	LF	78	0%	78	1.220	\$ 44.00	\$ 53.68	\$ 85.00	\$ 138.68	\$ 10,858.64
122			WB1: Walk-In Cooler/Freezer Light, Integral LED, MAXLITE LSV4U3540 Watts: 34.2W	EA	5	0%	5	1.580	\$ 44.00	\$ 69.52	\$ 131.99	\$ 201.51	\$ 1,007.55
123			WP4: Exterior Security Light, Integral LED With Photocell, RAB WPLED26N/PC Watts: 26W	EA	1	0%	1	0.950	\$ 44.00	\$ 41.80	\$ 136.00	\$ 177.80	\$ 177.80
124			By Canopy Manufacturer Canopy Light Fixture	EA	3	0%	3						
			LIGHTING CONTROL										
125			Dimmer Switch, LEVITON #IP710-DLZ-WH	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ 31.00	\$ 47.72	\$ 47.72
126			Switches Quantity Assumed Lighting Switch Bank With (6) Single Pole Switches	EA	1	0%	1	0.420	\$ 44.00	\$ 18.48	\$ 48.00	\$ 66.48	\$ 66.48
127			OS1: Occupancy/Motion Sensor, LEVITON OSD-10-ID-W	EA	4	0%	4	0.480	\$ 44.00	\$ 21.12	\$ 55.43	\$ 76.55	\$ 306.20
128			OS2: Walk In Cooler/Freezer Motion Sensor, KASON 1901A-5	EA	3	0%	3	0.850	\$ 44.00	\$ 37.40	\$ 174.99	\$ 212.39	\$ 637.17
129			Provided By Fan/Lighting Photo Sensor	EA	1	0%	1	0.880	\$ 44.00	\$ 38.72	\$ 180.99	\$ 219.71	\$ 219.71
			Single-Gang Junction Box, WP	EA	1	0%	1	0.270	\$ 44.00	\$ 11.88	\$ 18.50	\$ 30.38	\$ 30.38
130			Single Pole Switch, Wall Mounted	EA	2	0%	2	0.270	\$ 44.00	\$ 11.88	\$ 18.50	\$ 30.38	\$ 60.76
			MISCELLANEOUS										
131			Junction Box	EA	34	0%	34	0.270	\$ 44.00	\$ 11.88	\$ 18.50	\$ 30.38	\$ 1,032.92
132			Junction Box, WP	EA	6	0%	6	0.270	\$ 44.00	\$ 11.88	\$ 18.50	\$ 30.38	\$ 182.28
			SAW CUT										
133			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	28	0%	28	0.065	\$ 44.00	\$ 2.86	\$ -	\$ 2.86	\$ 81.11
			SUBTOTAL \$ 152,202										

COMMUNICATIONS

TELECOMMUNICATION													
			CONDUIT										
134			1" EMT Conduit	LF	466	10%	513	0.070	\$ 44.00	\$ 3.08	\$ 3.08	\$ 6.16	\$ 3,158.16
135			1" EMT Conduit With Pull String	LF	49	10%	54	0.070	\$ 44.00	\$ 3.08	\$ 3.08	\$ 6.16	\$ 329.86
136			2" EMT Conduit With Pull String	LF	15	10%	17	0.100	\$ 44.00	\$ 4.40	\$ 7.74	\$ 12.14	\$ 201.11
137			1" PVC SCH 40 Conduit With Pull String	LF	52	10%	57	0.064	\$ 44.00	\$ 2.82	\$ 3.24	\$ 6.06	\$ 345.07
138			2" PVC SCH 40 Conduit With Pull String	LF	23	10%	26	0.089	\$ 44.00	\$ 3.92	\$ 8.02	\$ 11.94	\$ 306.44
			CONDUCTOR										
139			CAT6 Cable	LF	1663	10%	1829	0.018	\$ 44.00	\$ 0.79	\$ 0.42	\$ 1.21	\$ 2,217.08
			J-HOOKS										
140			2" J-Hooks	EA	30	0%	30	0.068	\$ 44.00	\$ 2.99	\$ 1.14	\$ 4.13	\$ 124.02
			DEVICES										
141			2' x 4' x 3/4" Fire resistant Plywood Backboard	EA	1	0%	1	0.400	\$ 44.00	\$ 17.60	\$ 36.00	\$ 53.60	\$ 53.60
142			By KED Chase #3	EA	1	0%	1						
143			Chase #4	EA	1	0%	1						

DETAILED BREAKDOWN OF ITEMS

Prepared for: Wendy's, S.R. 64 And White Eagle Blvd Bradenton, Florida Manatee County
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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
144	E2.2 & E4.1		Data Outlet	EA	29	0%	29	0.320	\$ 44.00	\$ 14.08	\$ 19.50	\$ 33.58	\$ 973.82		
			RJ-45 Connectors	EA	29	0%	29	0.250	\$ 44.00	\$ 11.00	\$ 14.26	\$ 25.26	\$ 732.54		
			Faceplate	EA	29	0%	29	0.200	\$ 44.00	\$ 8.80	\$ 8.99	\$ 17.79	\$ 515.91		
			Backbox	EA	29	0%	29	0.150	\$ 44.00	\$ 6.60	\$ 3.73	\$ 10.33	\$ 299.57		
145				Telephone Outlet	EA	1	0%	1	0.320	\$ 44.00	\$ 14.08	\$ 19.50	\$ 33.58	\$ 33.58	
				RJ-45 Connectors	EA	1	0%	1	0.250	\$ 44.00	\$ 11.00	\$ 14.26	\$ 25.26	\$ 25.26	
				Faceplate	EA	1	0%	1	0.200	\$ 44.00	\$ 8.80	\$ 8.99	\$ 17.79	\$ 17.79	
				Backbox	EA	1	0%	1	0.150	\$ 44.00	\$ 6.60	\$ 3.73	\$ 10.33	\$ 10.33	
146				Telephone/Data Outlet	EA	1	0%	1	0.320	\$ 44.00	\$ 14.08	\$ 19.50	\$ 33.58	\$ 33.58	
				RJ-45 Connectors	EA	2	0%	2	0.250	\$ 44.00	\$ 11.00	\$ 14.26	\$ 25.26	\$ 50.52	
				Faceplate	EA	1	0%	1	0.200	\$ 44.00	\$ 8.80	\$ 8.99	\$ 17.79	\$ 17.79	
				Backbox	EA	1	0%	1	0.150	\$ 44.00	\$ 6.60	\$ 3.73	\$ 10.33	\$ 10.33	
				SECURITY											
				CONDUIT											
147				3/4" EMT Conduit	LF	796	10%	876	0.062	\$ 44.00	\$ 2.73	\$ 1.82	\$ 4.55	\$ 3,982.18	
				CONDUCTOR											
148				CAT6 Cable	LF	554	10%	610	0.018	\$ 44.00	\$ 0.79	\$ 0.42	\$ 1.21	\$ 739.05	
149				#18 CU THHN/THWN	LF	483	10%	532	0.005	\$ 44.00	\$ 0.22	\$ 0.12	\$ 0.34	\$ 180.75	
				DEVICES											
150				360 Deg Motion Detector, Ceiling Mounted	EA	1	0%	1	0.650	\$ 44.00	\$ 28.60	\$ 68.00	\$ 96.60	\$ 96.60	
151				Control Panel	EA	1	0%	1	3.220	\$ 44.00	\$ 141.68	\$ 2,745.95	\$ 2,887.63	\$ 2,887.63	
152				Door Contact	EA	3	0%	3	0.355	\$ 44.00	\$ 15.62	\$ 39.99	\$ 55.61	\$ 166.83	
153				Drop Box N0202	EA	2	0%	2	0.650	\$ 44.00	\$ 28.60	\$ 244.95	\$ 273.55	\$ 547.10	
154				DVR	EA	1	0%	1	0.570	\$ 44.00	\$ 25.08	\$ 155.00	\$ 180.08	\$ 180.08	
155				Indoor Security Camera	EA	7	0%	7	0.880	\$ 44.00	\$ 38.72	\$ 293.15	\$ 331.87	\$ 2,323.09	
156				Keypad	EA	1	0%	1	0.450	\$ 44.00	\$ 19.80	\$ 65.00	\$ 84.80	\$ 84.80	
157				Office Safe	EA	1	0%	1	2.440	\$ 44.00	\$ 107.36	\$ 2,099.00	\$ 2,206.36	\$ 2,206.36	
158				Outdoor Security Camera	EA	4	0%	4	0.880	\$ 44.00	\$ 38.72	\$ 312.00	\$ 350.72	\$ 1,402.88	
159				Security Monitor	EA	1	0%	1	0.850	\$ 44.00	\$ 37.40	\$ 569.00	\$ 606.40	\$ 606.40	
160				Smart Safe	EA	1	0%	1	2.600	\$ 44.00	\$ 114.40	\$ 3,596.00	\$ 3,710.40	\$ 3,710.40	
161				Time Clock	EA	1	0%	1	0.750	\$ 44.00	\$ 33.00	\$ 589.00	\$ 622.00	\$ 622.00	
162				Walk-In Panic Button	EA	2	0%	2	0.600	\$ 44.00	\$ 26.40	\$ 244.00	\$ 270.40	\$ 540.80	
				AUDIO/VISUAL SYSTEM											
				CONDUIT											
163				3/4" EMT Conduit	LF	111	10%	122	0.062	\$ 44.00	\$ 2.73	\$ 1.82	\$ 4.55	\$ 554.81	
				CONDUCTOR											
164				#18 CU THHN/THWN	LF	222	10%	244	0.005	\$ 44.00	\$ 0.22	\$ 0.12	\$ 0.34	\$ 82.95	
				DEVICES											
165				Sound Speaker	EA	5	0%	5	0.800	\$ 44.00	\$ 35.20	\$ 115.00	\$ 150.20	\$ 751.00	
166			Volume Control	EA	2	0%	2	0.460	\$ 44.00	\$ 20.24	\$ 99.00	\$ 119.24	\$ 238.48		
			MISCELLANEOUS												
167			Junction Box	EA	5	0%	5	0.270	\$ 44.00	\$ 11.88	\$ 18.50	\$ 30.38	\$ 151.90		
			SUBTOTAL											\$ 31,512	
			ELECTRONIC SAFETY AND SECURITY												
			FIRE ALARM												
			CONDUIT												
168	E2.1		3/4" EMT Conduit	LF	13	10%	14	0.062	\$ 44.00	\$ 2.73	\$ 1.82	\$ 4.55	\$ 65.04		
				CONDUCTOR											
169			#14 CU THHN/THWN	LF	26	10%	29	0.006	\$ 44.00	\$ 0.26	\$ 0.16	\$ 0.42	\$ 12.13		

DETAILED BREAKDOWN OF ITEMS

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Date: 15-May-24

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
DEVICES													
170			Remote Piezo Alert	EA	2	0%	2	0.400	\$ 44.00	\$ 17.60	\$ 45.90	\$ 63.50	\$ 127.00
												SUBTOTAL	\$ 204

UTILITIES

DISTRIBUTION													
CONDUIT													
171			3-1/2" PVC SCH 40 Conduit	LF	99	10%	109	0.160	\$ 44.00	\$ 7.04	\$ 14.68	\$ 21.72	\$ 2,372.48
CONDUCTOR													
172			#350KCMIL CU THHN/THWN	LF	397	10%	437	0.032	\$ 44.00	\$ 1.41	\$ 8.75	\$ 10.16	\$ 4,438.23
LUGS													
173			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16	0.150	\$ 44.00	\$ 6.60	\$ 12.19	\$ 18.79	\$ 300.64
			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16	0.092	\$ 44.00	\$ 4.05	\$ 0.41	\$ 4.46	\$ 71.33
DEVICES													
174			C/T Cabinet With 600A C/T, WP, NEAM 3R	EA	1	0%	1	4.780	\$ 44.00	\$ 210.32	\$ 5,679.00	\$ 5,889.32	\$ 5,889.32
175			Electric Meter, NEMA 3R	EA	1	0%	1	2.550	\$ 44.00	\$ 112.20	\$ 1,127.65	\$ 1,239.85	\$ 1,239.85
176			Utility Transformer	EA	1	0%	1	19.50	\$ 44.00	\$ 858.00	\$ 40,362.93	\$ 41,220.93	\$ 41,220.93
			Concrete Pad	EA	1	0%	1	5.650	\$ 44.00	\$ 248.60	\$ 860.00	\$ 1,108.60	\$ 1,108.60
POWER													
CONDUIT													
177			1" PVC SCH 40 Conduit With Pull String	LF	173	10%	191	0.064	\$ 44.00	\$ 2.82	\$ 3.24	\$ 6.06	\$ 1,155.52
DEVICE													
178			Equipment Connection	EA	1	0%	1	0.750	\$ 44.00	\$ 33.00	\$ -	\$ 33.00	\$ 33.00
TELECOMMUNICATION													
CONDUIT													
179			3" PVC SCH 40 Conduit With Pull String	LF	23	10%	25	0.145	\$ 44.00	\$ 6.38	\$ 10.97	\$ 17.35	\$ 438.38
SITE LIGHTING													
CONDUIT													
180			1" PVC SCH 40 Conduit	LF	485	10%	534	0.064	\$ 44.00	\$ 2.82	\$ 3.24	\$ 6.06	\$ 3,234.07
CONDUCTOR													
181	ES1.1		#10 CU THHN/THWN	LF	2968	10%	3264	0.008	\$ 44.00	\$ 0.35	\$ 0.38	\$ 0.73	\$ 2,389.51
LIGHTING FIXTURES													
182			4M-2(90): Twin Head Pole Mounted Light Fixture, OSQL-B-22L-57K7-4M-UL-NM-BZ w/OSQ-ML-B-AA-BZ Mounted: Pole Mounted Wattage: 132 W	EA	3	0%	3	1.780	\$ 44.00	\$ 78.32	\$ 1,178.00	\$ 1,256.32	\$ 3,768.96
			27" Round Steel Pole	EA	3	0%	3						
			Concrete Base	EA	3	0%	3						
183			4M-3(90): Triple Head Pole Mounted Light Fixture, OSQL-B-22L-57K7-4M-UL-NM-BZ w/OSQ-ML-B-AA-BZ Mounted: Pole Mounted Wattage: 132 W	EA	1	0%	1	1.990	\$ 44.00	\$ 87.56	\$ 1,543.00	\$ 1,630.56	\$ 1,630.56
			27" Round Steel Pole	EA	1	0%	1						
			Concrete Base	EA	1	0%	1						
184		Site Light Pole & Requirements By Others	4M: Single Head Pole Mounted Light Fixture, OSQL-B-22L-57K7-4M-UL-NM-BZ w/OSQ-ML-B-AA-BZ Mounted: Pole Mounted Wattage: 132 W	EA	3	0%	3	2.120	\$ 44.00	\$ 93.28	\$ 1,968.00	\$ 2,061.28	\$ 6,183.84
			27" Round Steel Pole	EA	3	0%	3						

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			Concrete Base	EA	3	0%	3						
			MISCELLANEOUS										
185			10" x10" x 6" PVC Box, WP	EA	1	0%	1	0.560	\$ 44.00	\$ 24.64	\$ 76.00	\$ 100.64	\$ 100.64
186			12" x18" Composite Pull Box, QUAZITE PG COVER/PT BASE SERIES	EA	1	0%	1	1.250	\$ 44.00	\$ 55.00	\$ 365.00	\$ 420.00	\$ 420.00



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			TRENCHING & BACKFILLING										
187			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	1147	0%	1147	0.065	\$ 44.00	\$ 2.86	\$ -	\$ 2.86	\$ 3,279.68
												SUBTOTAL	\$ 79,276
												PROJECTED COST	\$321,894
OVERHEAD AND PROFIT												15%	\$48,284
INSURANCE												3%	\$9,657
CONTINGENCY												5%	\$16,095
TAX												7.0%	\$14,005
												SUGGESTED BID	\$409,935

