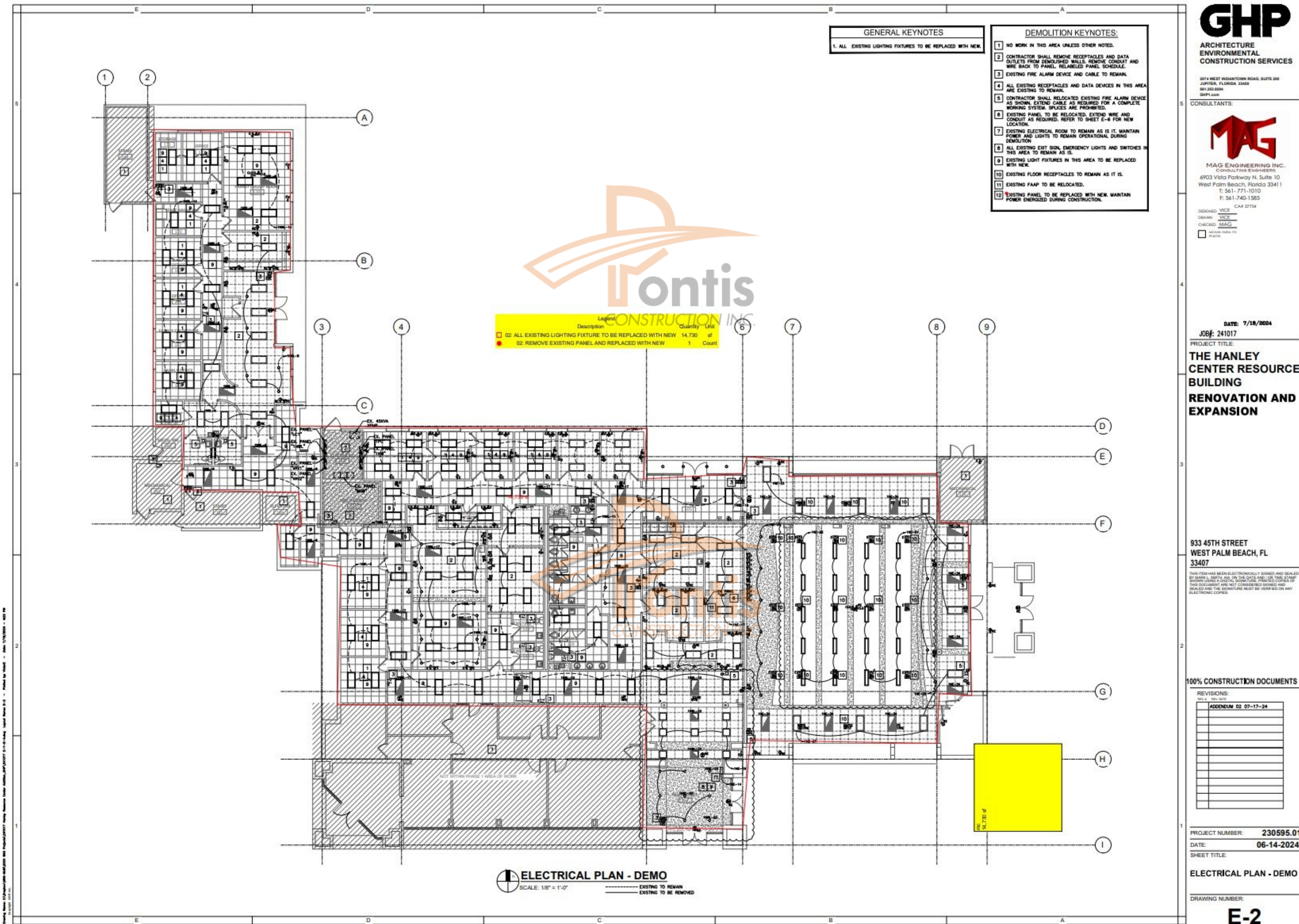






DATE: 7/18/2002

DOI: 10.1002/anie.200500011

PROJECT TITLE:

**THE HANLEY
CENTER RESOURCE
BUILDING
RENOVATION AND
EXPANSION**

933 45TH STREET
WEST PALM BEACH, FL
33407

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100% CONSTRUCTION DOCUMENTS

REVISIONS

[illegible]

PROJECT NUMBER:	230595.01
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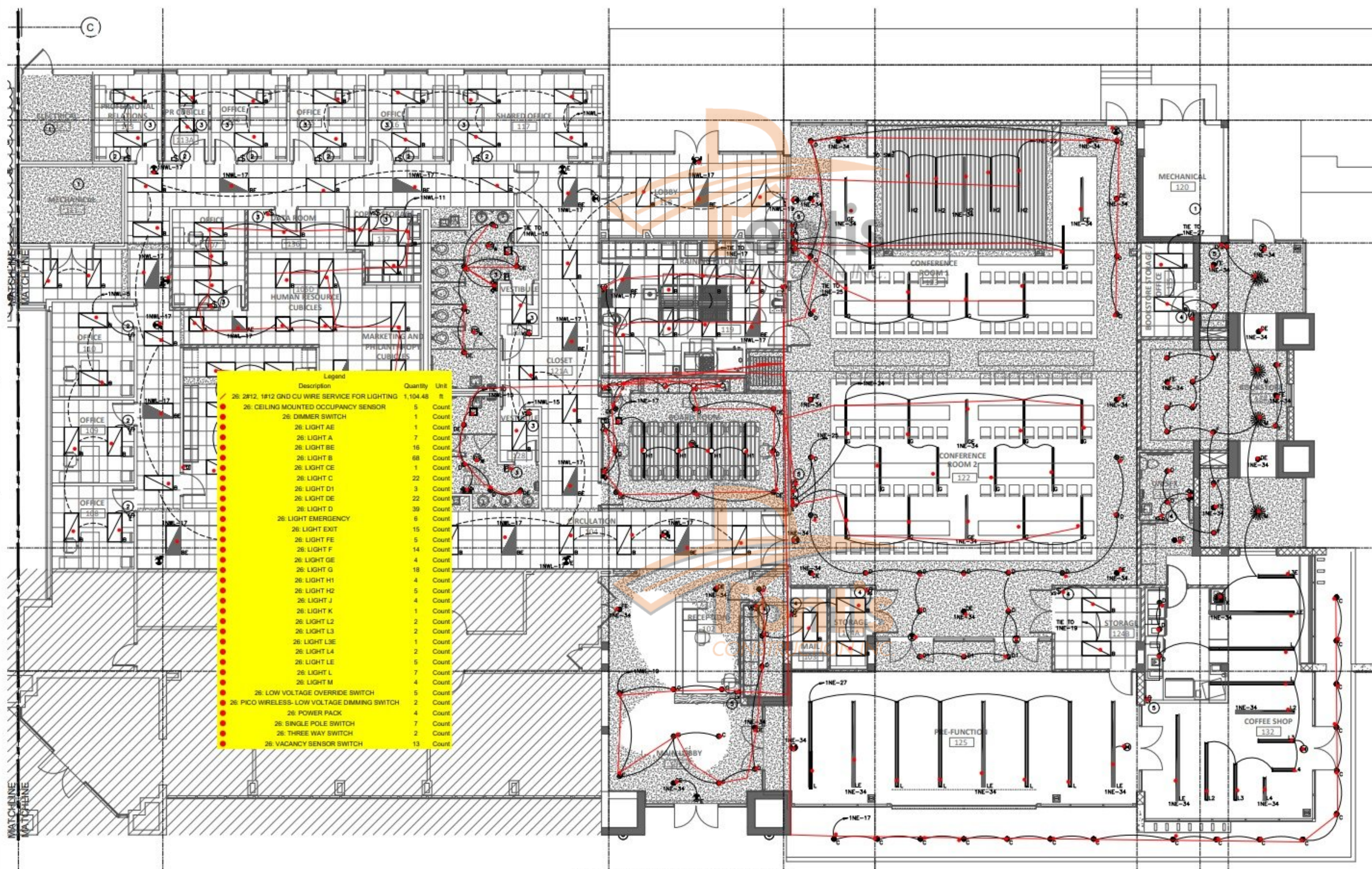
DATE: 06-14-2024

SHEET TITLE:

**LIGHTING PLAN B -
NEW WORK**

DRAWING NUMBER:

E-4



LIGHTING PLAN B - NEW WORK
SCALE: 3/16" = 1'-0" ----- EXISTING TO REMAIN

----- EXISTING TO REMAIN
 _____ NEW CONSTRUCTION



REVISIONS:

NO.	DATE	DESCRIPTION
1	02-07-17-24	

SWITCH ZONE	CIRCUIT NUMBER	WATTS	DIMMABLE	AREA
1	1NWL-18	600	NO	EXT. BLDG. LIGHTING
2	1NWL-20	700	NO	LANDSCAPE LIGHTING
3	1NWL-25	1250	NO	PARKING AREA
4	1NWL-27	1250	NO	PARKING AREA
5	1NWL-1	500	NO	1ST FL OFFICE
6	1NWL-2	1160	NO	1ST FL RETAIL
7	1NWL-6	700	NO	1ST FL CORRIDOR
8	1NWL-4	500	NO	1ST FL CORRIDOR
9	1NWL-5	400	NO	1ST FL OFF, 108/110
10	1NWL-8	700	NO	1ST FL FAMILY DEPT
11	1NWL-19	582	NO	CORRIDOR
12	1NWL-11	457	NO	1ST FL OFFICE
13	SPARE	—	—	—
14	1NWL-14	500	NO	1ST FL OFFICE
15	1NWL-15	300	NO	1ST FL RESTROOM
16	1NWL-16	300	NO	1ST FL RETAIL
17	1NWL-17	700	NO	1ST FL CORRIDOR
18	SPACE	—	—	—
19	SPACE	—	—	—
20	SPACE	—	—	—
TOTAL:		11009		= 91.6 AMPS

SWITCH ZONE	CIRCUIT NUMBER	WATTS	DIMMABLE	AREA
1	1NE-29	1250	NO	PARKING AREA
2	1NE-31	1250	NO	PARKING AREA
3	1NE-30	1250	NO	PARKING AREA
4	1NE-32	1250	NO	PARKING AREA
5	1NE-37	1250	NO	LANDSCAPE LIGHTING
6	1NE-39	1250	NO	LANDSCAPE LIGHTING
7	1NE-41	800	NO	LANDSCAPE LIGHTING
8	1NE-33	600	NO	MONUMENT SIGN
9	1NE-35	600	NO	MONUMENT SIGN
10	1NE-36	600	NO	EXTERIOR LIGHTING
11	1NE-15	500	NO	BATHROOM
12	1NE-17	300	NO	PRE FUNCTION PATIO
13	1NE-17	600	NO	PRE FUNCTION PATIO
14	1NE-22	900	NO	CONFERENCE RM 1&2
15	1NE-24	900	NO	CONFERENCE RM 1&2
16	1NE-25	500	NO	CONFERENCE RM 1&2
17	1NE-27	1300	NO	COFFEE S/PRE-FUNC
18	1NE-34	1100	NO	CONF. RM/CAFE/CORR
19	1NE-38	600	NO	LANDSCAPE LIGHTING
TOTAL:		16900.0		= 140.8 AMPS

GENERAL KEYNOTES
1. ELECTRICAL CONTRACTOR TO UPDATE AND REPROGRAM LIGHTING CONTROL PANELS FOR A COMPLETE WORKING SYSTEM.

TYPE:	PANELBOARD	120/208V 3P, 4W	NO LOCATION:	SEE PLAN	FEED THRU LOGS:	NO LOCATION:	SEE PLAN	MAIN BUS:	225A	NEUTRAL:	FULL	MOB.
POLES:	42											
KVA	TRIP	WIRE	GRD	CON	REMARKS	CON	REMARKS	WIRE	TRIP	KVA		
1.5	15-3	E	E	E	EX. VAV-1	3	B 4	EX. VAV-7	E	E	15-3	1.5
3.0	15-3	E	E	E	EX. VAV-2	9	B 30	EX. VAV-8	E	E	15-3	1.5
4.0	25-3	E	E	E	EX. VAV-3	15	B 36	EX. VAV-9	E	E	25-3	4.0
3.0	15-3	E	E	E	EX. VAV-4	21	B 36	EX. VAV-10	E	E	15-3	2.5
1.5	15-3	E	E	E	EX. VAV-5	27	B 36					
5.0	20-3	E	E	E	EX. VAV-6	33	B 36					
2.5	15-3	E	E	E	EX. VAV-13	3	B 4					
3.0	15-3	E	E	E	EX. VAV-14	9	B 30					
4.0	25-3	E	E	E	EX. VAV-15	15	B 36					
4.0	15-3	E	E	E	EX. VAV-16	21	B 36					
4.0	15-3	E	E	E	EX. VAV-17	27	B 36					
1.5	20-3	E	E	E	EX. VAV-18	33	B 36					
15.1	50-3	B	10	3/4	RTU-2	39	B 40	EX. VAV-25	E	E	30-3	3.0
TOTAL:												

TYPE:	PANELBOARD	120/208V 3P, 4W	NO LOCATION:	SEE PLAN	FEED THRU LOGS:	NO LOCATION:	SEE PLAN	MAIN BUS:	400A	NEUTRAL:	FULL	MOB.
POLES:	42											
KVA	TRIP	WIRE	GRD	CON	REMARKS	CON	REMARKS	WIRE	TRIP	KVA		
2.5	15-3	E	E	E	EX. VAV-13	3	B 4					
3.0	15-3	E	E	E	EX. VAV-14	9	B 30					
4.0	25-3	E	E	E	EX. VAV-15	15	B 36					
4.0	15-3	E	E	E	EX. VAV-16	21	B 36					
4.0	15-3	E	E	E	EX. VAV-17	27	B 36					
1.5	20-3	E	E	E	EX. VAV-18	33	B 36					
15.1	50-3	B	10	3/4	RTU-2	39	B 40	EX. VAV-25	E	E	30-3	3.0
TOTAL:												

TYPE:	SQUARE D	120/208V 3P, 4W	NO LOCATION:	SEE PLAN	FEED THRU LOGS:	NO LOCATION:	SEE PLAN	MAIN BUS:	400A	NEUTRAL:	FULL	MOB.
POLES:	42											
KVA	TRIP	WIRE	GRD	CON	REMARKS	CON	REMARKS	WIRE	TRIP	KVA		
11.1	10-3	4	B	1	REC. SHOWER K3.1	1	A 2	HEAT LAMPS K17	1/2	12	20-1	1.7
3.0	15-3	E	E	E	EX. VAV-1	3	B 4	HEAT LAMPS K17	1/2	12	20-1	1.7
1.0	20-1	12	1/2	1/2	REC. DOUGH MIXER K4	5	C 6	FREZZER K20	1/2	12	20-1	1.0
5.6	35-2	10	10	3/4	REC. CAB REFRIG. K9	9	B 30	REC. BATCH GRINDER C11	1/2	12	20-1	1.0
3.0	15-3	E	E	E	EX. VAV-2	9	B 30	UC FREEZER C17	1/2	12	20-1	1.0
2.3	20-3	12	1/2	1/2	EXHAUST FAN K16	13	A 14	BLENDER 1 C12	1/2	12	20-1	1.0
3.3	20-2	12	1/2	1/2	COFFEE BREWER C8	19	A 20	SPACE				
6.4	40-2	8	10	3/4	CONNECTION OVEN C15	23	C 24	SPACE				
TOTAL:												

TYPE:	SQ. D 1-LINE HCM	120/208V 3P, 4W	NO LOCATION:	SEE PLAN	FEED THRU LOGS:	NO LOCATION:	SEE PLAN	MAIN BUS:	3000 AMP	NEUTRAL:	FULL	MOB.
POLES:	42											
KVA	TRIP	WIRE	GRD	CON	REMARKS	CON	REMARKS	WIRE	TRIP	KVA		
1.0	20-1	12	1/2	1/2	EX. TWS	3	B 40	EXISTING				
2.0	20-1	12	1/2	1/2	EX. PANEL 1NWL SEC 1&2	45.1	180.7	3	400	300	EXISTING	
3.0	20-1	12	1/2	1/2	EX. PANEL 1NWL	30.2	56.1	3	200	150	EXISTING	
4.0	20-1	12	1/2	1/2	NEW PANEL 1NE	53.5	146.6	3	200	150	EXISTING	
5.0	20-1	12	1/2	1/2	EX. PANEL VAV1	50.1	144.7	3	250	225	EXISTING	
6.0	20-1	12	1/2	1/2	EX. PANEL VAV2	55.1	114.4	3	250	225	EXISTING	
7.0	20-1	12	1/2	1/2	EX. PANEL 1PC VIA 450VPM	35.6	95.8	3	150	150	EXISTING	
8.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	7.4	20.5	3	100	100	EXISTING	
9.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	15.0	42.0	3	100	100	EXISTING	
10.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	11.5	31.8	3	100	100	EXISTING	
11.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	17.3	48.0	3	100	100	EXISTING	
12.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	9.0	25.0	3	100	60	EXISTING	
13.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	9.0	25.0	3	100	60	EXISTING	
14.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	33.0	91.5	3	250	200	EXISTING	
15.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	32.5	84.5	3	800	800	EXISTING	
16.0	20-1	12	1/2	1/2	EX. PANEL 2NWL	38.1	100.8	3	400	400	EXISTING	
TOTAL:												

TYPE:	PANELBOARD	120/208V 3P, 4W	NO LOCATION:	SEE PLAN	FEED THRU LOGS:	NO LOCATION:	SEE PLAN	MAIN BUS:	400A	NEUTRAL:	FULL	MOB.
POLES:	42											
KVA	TRIP	WIRE	GRD	CON	REMARKS	CON	REMARKS	WIRE	TRIP	KVA		
0.6	20-1	12	1/2	1/2	EX. OFFICE 113-115	1	A 2	EX. REC. ELEC. RM 112	E	E	20-1	0.2
0.6	20-1	12	1/2	1/2	EX. OFFICE 116-118	3	B 4	EX. REC. HALL 142,143	E	E	20-1	0.8
0.6	20-1	12	1/2	1/2	EX. TEL RM	5	C 6	EX. REC. TELE. RM 136	E	E	20-1	0.4

DETAILED BREAKDOWN TAKEOFF & ACCURATE PRICING

DETAILED BREAKDOWN OF ITEMS												
Prepared for:	THE HANLEY CENTER RESOURCE BUILDING											
Project ID:	933 45TH STREET WEST PALM BEACH, FL 33407											
Scope:	ELECTRICAL											
Date:	7/22/2024											
							TOTAL LABOR HC	Hourly rate				
							2156.63	65.00				
									TOTAL MATERIAL COST			
									\$ 80,665.08			



SR #	DESCRIPTION	QUANTIT Y	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	LABOR HOUR	HOURLY WAGE	LABOR COST	UNIT MAT. COST	MATERIAL COST	SUB COST
DIV-1 GENERAL REQUIREMENTS												
1	Permits	1	LS	0%	1	0.000	0.00	\$ 65.00	\$ -	\$ -	\$ -	\$ -
2	Supervision and Coordination	1	LS	0%	1	0.000	0.00	\$ 65.00	\$ -	\$ -	\$ -	\$ -
3	Submittals and Shop Drawings	1	LS	0%	1	0.000	0.00	\$ 65.00	\$ -		\$ -	\$ -
4	Final Cleaning	1	LS	0%	1	0.000	0.00	\$ 65.00	\$ -	\$ -	\$ -	\$ -
5	Mobilization Costs	1	LS	0%	1	0.000	0.00	\$ 65.00	\$ -	\$ -	\$ -	\$ -
6	Temporary Control & Facilities	1	LS	0%	1		0.00	\$ 65.00	\$ -	\$ -	\$ -	\$ -
7	Scaffolding	1	LS	0%	1		0.00	\$ 65.00	\$ -	\$ -	\$ -	\$ -
											SUBTOTAL \$	
DIV-02 EXISTING CONDITION												
	DEMOLISH											
8	All Existing Lighting Fixture To Be Replaced With New	14730	SF	10%	16203	0.060	972.18	\$ 65.00	\$ 63,191.70	\$ -	\$ -	\$ 63,191.70
9	Relocate Fire Alarm Devices	12	EA	10%	13	1.000	13.20	\$ 65.00	\$ 858.00	\$ -	\$ -	\$ 858.00
10	Remove Existing Panel And Replaced With New	1	EA	10%	1	8.000	8.80	\$ 65.00	\$ 572.00	\$ -	\$ -	\$ 572.00
DIV-26 ELECTRICAL												
	CONDUIT											
11	3/4" Emt Conduit	3180	LF	10%	3498	0.062	216.88	\$ 65.00	\$ 14,096.94	\$ 1.12	\$ 3,917.76	\$ 18,014.70
12	1-1/2" Emt Conduit	45	LF	10%	50	0.085	4.21	\$ 65.00	\$ 273.49	\$ 2.48	\$ 122.76	\$ 396.25
	CONDUCTOR											
13	2#12 1#12 Gnd Cu Wire Servc For Junction Box	420	LF	10%	462	0.040	18.48	\$ 65.00	\$ 1,201.20	\$ 0.48	\$ 221.76	\$ 1,422.96
14	2#12, 1#12 Gnd Cu Wire Servc For Receptacle	1320	LF	10%	1452	0.040	58.08	\$ 65.00	\$ 3,775.20	\$ 0.48	\$ 696.96	\$ 4,472.16
15	2#12, 1#12 Gnd Cu Wire Service For Lighting	1430	LF	10%	1573	0.040	62.92	\$ 65.00	\$ 4,089.80	\$ 0.48	\$ 755.04	\$ 4,844.84
16	2#6, 1#10 Gnd Cu Wire Servc For Equipment	41	LF	10%	45	0.068	3.07	\$ 65.00	\$ 199.83	\$ 1.45	\$ 65.55	\$ 265.38
17	4#1/0, 1#6 Gnd Cu Wire Service From Mdb To Panel	132	LF	10%	145	0.078	11.33	\$ 65.00	\$ 736.16	\$ 1.74	\$ 252.65	\$ 988.81
	LIGHTING FIXTURE											
18	Light A, 2X2 Led Light, Cree, Zr22-D-30L-Cct-Lens-Unv-10V5, 21Watt	13	EA	0%	13	1.540	20.02	\$ 65.00	\$ 1,301.30	\$ 152.00	\$ 1,976.00	\$ 3,277.30
19	Light Ae, 2X2 Led Light With Battery Backup, Cree, Zr22-D-30L-Cct-Lens-Unv-10V5-Eb, 21W	4	EA	0%	4	1.540	6.16	\$ 65.00	\$ 400.40	\$ 158.00	\$ 632.00	\$ 1,032.40
20	Light B, 2X4 Led Light, Cree, Zr24-D-40L-Cct-Lens-Unv-10V5, 27Watt Led	101	EA	0%	101	1.550	156.55	\$ 65.00	\$ 10,175.75	\$ 162.00	\$ 16,362.00	\$ 26,537.75
21	Light Be, 2X4 Led Light, Cree, Zr24-D-40L-Cct-Lens-Unv-10V5-Eb, 27Watt Led	28	EA	0%	28	1.600	44.80	\$ 65.00	\$ 2,912.00	\$ 166.00	\$ 4,648.00	\$ 7,560.00
22	Light C, Overhung 6" Led Downlight, Rayon, Rvc6-16L-Unv-Id-50-6Xx-6Xx-Fn-B-Wl, 22Watt	22	EA	0%	22	1.530	33.66	\$ 65.00	\$ 2,187.90	\$ 159.00	\$ 3,498.00	\$ 5,685.90
23	Light Ce, Overhung 6" Led Downlight, Rayon, Rvc6-16L-Unv-Id-50-6Xx-6Xx-Fn-B-Wl, 20Watt	1	EA	0%	1	1.550	1.55	\$ 65.00	\$ 100.75	\$ 163.00	\$ 163.00	\$ 263.75
24	Light D, 4" Downlight, Rayon, Rvc4-16L-Cct-Unv-Id-4Xx-4Xx-Fn-B-W L, 20Watt Led	41	EA	0%	41	1.430	58.63	\$ 65.00	\$ 3,810.95	\$ 156.00	\$ 6,396.00	\$ 10,206.95
25	Light D1, 4" Downlight, Rayon, Rvc4-16L-Cct-Unv-Id-4Xx-4Xx-Fn-B-W L, 12Watt Led	7	EA	0%	7	1.500	10.50	\$ 65.00	\$ 682.50	\$ 160.00	\$ 1,120.00	\$ 1,802.50
26	Light De, 4" Downlight, Rayon, Rvc4-16L-Cct-Unv-Id-4Xx-4Xx-Fn-B-W L, 20Watt Led	24	EA	0%	24	1.560	37.44	\$ 65.00	\$ 2,433.60	\$ 163.00	\$ 3,912.00	\$ 6,345.60
27	Light F, 4" Wall Washer Light, Rayon, Rfl4Er-Blocct-018-38-Sba/Rhl4-Icat, 9Watt Led	14	EA	0%	14	1.340	18.76	\$ 65.00	\$ 1,219.40	\$ 152.00	\$ 2,128.00	\$ 3,347.40
28	Light Fe, 4" Wall Washer Light, Rayon, Rfl4Er-Blocct-018-38-Sba Em/Rhl4-Icat, 9Watt Led	5	EA	0%	5	1.460	7.30	\$ 65.00	\$ 474.50	\$ 57.00	\$ 285.00	\$ 759.50
29	Light G, 6"X1' Acoustic Linear Pendant Light, Lux Illuminaries, Hlcn-1.0-P-D-750-6-8-Unv-S1-	18	EA	0%	18	1.750	31.50	\$ 65.00	\$ 2,047.50	\$ 172.00	\$ 3,096.00	\$ 5,143.50
30	Light Ge, 6"X1' Acoustic Linear Pendant Light With Battery, Lux Illuminaries, Hlcn-1.0-P-D-75	4	EA	0%	4	1.800	7.20	\$ 65.00	\$ 468.00	\$ 178.00	\$ 712.00	\$ 1,180.00
31	Light H1, Moduline Pendant Light W/4" Moduline Track, Verozza, Mod-Wat-L4-Fl-010Unv, 10	4	EA	0%	4	1.560	6.24	\$ 65.00	\$ 405.60	\$ 166.00	\$ 664.00	\$ 1,069.60
32	Light H2, 3" Moduline Bar Light, Verozza, Mod-Wat-L4-Fl-010Unv, 18Watt	5	EA	0%	5	1.500	7.50	\$ 65.00	\$ 487.50	\$ 160.00	\$ 800.00	\$ 1,287.50
33	Light J, 2" Downlight, Verozza, Sen2R-A-7L-Fl/Sen2R-Sf-Nc-010Unv, 7Watt Led	4	EA	0%	4	1.100	4.40	\$ 65.00	\$ 286.00	\$ 142.00	\$ 568.00	\$ 854.00
34	Light K, 2" Halycon Cylinder Pendant Led, Lux Illuminaries, Hlcn-2.0-Ap2-12-D-1500-Dsf-55-U	1	EA	0%	1	1.400	1.40	\$ 65.00	\$ 91.00	\$ 156.00	\$ 156.00	\$ 247.00
35	Light L, 12X3" Linear W/ Flange Led Light, Lux Illuminaries, Eos 3.0-R-Gt-Lam-500-12-8-Unv	7	EA	0%	7	1.540	10.78	\$ 65.00	\$ 700.70	\$ 149.00	\$ 1,043.00	\$ 1,743.70
36	Light Le, 12X3" Linear W/ Flange Led Light, Lux Illuminaries, Eos 3.0-R-Gt-Lam-500-12-8-Unv	5	EA	0%	5	1.560	7.80	\$ 65.00	\$ 507.00	\$ 152.00	\$ 760.00	\$ 1,267.00
37	Light L2, 8X3" Linear W/ Flange Led Light, Lux Illuminaries, Eos 3.0-R-Gt-Lam-500-12-8-Unv	2	EA	0%	2	1.640	3.28	\$ 65.00	\$ 213.20	\$ 160.00	\$ 320.00	\$ 533.20
38	Light L3, 5X3" Linear W/ Flange Led Light, Lux Illuminaries, Eos 3.0-R-Gt-Lam-500-12-8-Unv	2	EA	0%	2	1.400	2.80	\$ 65.00	\$ 182.00	\$ 168.00	\$ 336.00	\$ 518.00
39	Light L3E, 5X3" Linear W/ Flange Led Light, Lux Illuminaries, Eos 3.0-R-Gt-Lam-500-12-8-Unv	1	EA	0%	1	1.460	1.46	\$ 65.00	\$ 94.90	\$ 174.00	\$ 174.00	\$ 268.90
40	Light L4, 3X3" Linear W/ Flange Led Light, Lux Illuminaries, Eos 3.0-R-Gt-Lam-500-12-8-Unv	2	EA	0%	2	1.550	3.10	\$ 65.00	\$ 201.50	\$ 181.00	\$ 362.00	\$ 563.50
41	Light M, 4" Halycon Apple Pendant Light, Lux Illuminaries, Hlcn 4.0-Ap4-18-D-2000-Dsf-55-8	4	EA	0%	4	1.650	6.60	\$ 65.00	\$ 429.00	\$ 188.00	\$ 752.00	\$ 1,181.00
42	Light Emergency	6	EA	0%	6	1.200	7.20	\$ 65.00	\$ 468.00	\$ 136.00	\$ 816.00	\$ 1,284.00
43	Light Exit	20	EA	0%	20	1.120	22.40	\$ 65.00	\$ 1,456.00	\$ 122.00	\$ 2,440.00	\$ 3,896.00

\$ 156,224

	LIGHTING CONTROL											
44	Vacancy Sensor Switch	19	EA	0%	19	0.850	16.15	\$ 65.00	\$ 1,049.75	\$ 42.00	\$ 798.00	\$ 1,847.75
45	Dimmer Switch	2	EA	0%	2	0.800	1.60	\$ 65.00	\$ 104.00	\$ 24.00	\$ 48.00	\$ 152.00
46	Single Pole Switch	7	EA	0%	7	0.550	3.85	\$ 65.00	\$ 250.25	\$ 14.00	\$ 98.00	\$ 348.25
47	Three Way Switch	2	EA	0%	2	0.650	1.30	\$ 65.00	\$ 84.50	\$ 18.00	\$ 36.00	\$ 120.50
48	Pico Wireless- Low Voltage Dimming Switch	3	EA	0%	3	0.750	2.25	\$ 65.00	\$ 146.25	\$ 46.00	\$ 138.00	\$ 284.25
49	Low Voltage Override Switch	5	EA	0%	5	0.850	4.25	\$ 65.00	\$ 276.25	\$ 30.00	\$ 150.00	\$ 426.25
50	Ceiling Mounted Occupancy Sensor	8	EA	0%	8	1.500	12.00	\$ 65.00	\$ 780.00	\$ 122.00	\$ 976.00	\$ 1,756.00
51	Power Pack	6	EA	0%	6	1.500	9.00	\$ 65.00	\$ 585.00	\$ 155.00	\$ 930.00	\$ 1,515.00
	POWER RECEPTACLE											
52	Duplex Receptacle	42	EA	0%	42	0.550	23.10	\$ 65.00	\$ 1,501.50	\$ 12.00	\$ 504.00	\$ 2,005.50
53	Duplex Receptacle-Gfi	25	EA	0%	25	0.296	7.40	\$ 65.00	\$ 481.00	\$ 65.00	\$ 1,625.00	\$ 2,106.00
54	Quad Receptacle	1	EA	0%	1	0.750	0.75	\$ 65.00	\$ 48.75	\$ 28.00	\$ 28.00	\$ 76.75
55	Quad Receptacle-Gfi	3	EA	0%	3	0.850	2.55	\$ 65.00	\$ 165.75	\$ 68.00	\$ 204.00	\$ 369.75
56	Special Purpose Receptacle	3	EA	0%	3	1.000	3.00	\$ 65.00	\$ 195.00	\$ 36.00	\$ 108.00	\$ 303.00
57	Special Purpose Receptacle-Gfi	2	EA	0%	2	1.100	2.20	\$ 65.00	\$ 143.00	\$ 72.00	\$ 144.00	\$ 287.00
	DISCONNECT SWITCH											
58	30Amp, 2-Pole Fused Disconnect Switch-Wp	1	EA	0%	1	0.850	0.85	\$ 65.00	\$ 55.25	\$ 52.00	\$ 52.00	\$ 107.25
59	30Amp, 3-Pole Fused Disconnect Switch	1	EA	0%	1	0.950	0.95	\$ 65.00	\$ 61.75	\$ 56.00	\$ 56.00	\$ 117.75
60	60Amp, 2-Pole Fused Disconnect Switch-Wp	1	EA	0%	1	1.000	1.00	\$ 65.00	\$ 65.00	\$ 66.00	\$ 66.00	\$ 131.00
61	60Amp, 3-Pole Fused Disconnect Switch-Wp	2	EA	0%	2	1.400	2.80	\$ 65.00	\$ 182.00	\$ 70.00	\$ 140.00	\$ 322.00
	PANEL & CIRCUIT BREAKER											
	Existing Panel-1Nw											
62	20Amp, 1-Pole Circuit Breaker	2	EA	0%	2	0.550	1.10	\$ 65.00	\$ 71.50	\$ 14.00	\$ 28.00	\$ 99.50
	Existing Panel-1Nw1											
63	20Amp, 1-Pole Circuit Breaker	4	EA	0%	4	0.550	2.20	\$ 65.00	\$ 143.00	\$ 14.00	\$ 56.00	\$ 199.00
64	Panel-1Ne, 200A, 120/208V, 1Ph, 3Wire	1	EA	0%	1	22.000	22.00	\$ 65.00	\$ 1,430.00	\$ 2,190.00	\$ 2,190.00	\$ 3,620.00
65	20Amp, 1-Pole Circuit Breaker	41	EA	0%	41	0.550	22.55	\$ 65.00	\$ 1,465.75	\$ 14.00	\$ 574.00	\$ 2,039.75
66	20Amp, 2-Pole Circuit Breaker	3	EA	0%	3	0.600	1.80	\$ 65.00	\$ 117.00	\$ 16.00	\$ 48.00	\$ 165.00
67	30Amp, 1-Pole Circuit Breaker	1	EA	0%	1	0.650	0.65	\$ 65.00	\$ 42.25	\$ 22.00	\$ 22.00	\$ 64.25
68	30Amp, 2-Pole Circuit Breaker	2	EA	0%	2	0.700	1.40	\$ 65.00	\$ 91.00	\$ 28.00	\$ 56.00	\$ 147.00
69	Panel-2Ne, 400Amp, 120/208V, 3Ph, 4Wire	1	EA	0%	1	30.000	30.00	\$ 65.00	\$ 1,950.00	\$ 4,120.00	\$ 4,120.00	\$ 6,070.00
70	20Amp, 1-Pole Circuit Breaker	10	EA	0%	10	0.550	5.50	\$ 65.00	\$ 357.50	\$ 14.00	\$ 140.00	\$ 497.50
71	20Amp, 2-Pole Circuit Breaker	2	EA	0%	2	0.650	1.30	\$ 65.00	\$ 84.50	\$ 18.00	\$ 36.00	\$ 120.50
72	20Amp, 3-Pole Circuit Breaker	1	EA	0%	1	0.750	0.75	\$ 65.00	\$ 48.75	\$ 24.00	\$ 24.00	\$ 72.75
73	35Amp, 2-Pole Circuit Breaker	1	EA	0%	1	0.830	0.83	\$ 65.00	\$ 53.95	\$ 30.00	\$ 30.00	\$ 83.95
74	40Amp, 2-Pole Circuit Breaker	1	EA	0%	1	1.000	1.00	\$ 65.00	\$ 65.00	\$ 45.00	\$ 45.00	\$ 110.00
75	70Amp, 2-Pole Circuit Breaker	1	EA	0%	1	1.200	1.20	\$ 65.00	\$ 78.00	\$ 58.00	\$ 58.00	\$ 136.00
	COMMUNICATION OUTLET											
76	Card Reader	16	EA	0%	16	1.100	17.60	\$ 65.00	\$ 1,144.00	\$ 144.00	\$ 2,304.00	\$ 3,448.00
77	Combo Data Tele Outlet	14	EA	0%	14	0.616	8.62	\$ 65.00	\$ 560.56	\$ 46.20	\$ 646.80	\$ 1,207.36
78	Tv Outlet	3	EA	0%	3	0.650	1.95	\$ 65.00	\$ 126.75	\$ 48.00	\$ 144.00	\$ 270.75
	Fire Alarm											
79	Duct Smoke Detector	2	EA	0%	2	2.500	5.00	\$ 65.00	\$ 325.00	\$ 187.40	\$ 374.80	\$ 699.80
80	Fire Alarm Horn Device	9	EA	0%	9	1.500	13.50	\$ 65.00	\$ 877.50	\$ 140.00	\$ 1,260.00	\$ 2,137.50
81	Fire Alarm Pull Station	5	EA	0%	5	1.500	7.50	\$ 65.00	\$ 487.50	\$ 128.00	\$ 640.00	\$ 1,127.50
82	Fire Alarm Strobe Only	2	EA	0%	2	1.500	3.00	\$ 65.00	\$ 195.00	\$ 148.00	\$ 296.00	\$ 491.00
83	Junction Box	24	EA	0%	24	1.000	24.00	\$ 65.00	\$ 1,560.00	\$ 55.00	\$ 1,320.00	\$ 2,880.00
										SUBTOTAL \$		156,224
										PROJECTED COST		\$156,224
OVERHEAD AND PROFIT										25%	\$39,056	
MATERIAL MARKUPS										15%	\$23,434	
TAX										8.3%	\$12,888	
SUGGESTED BID										\$231,602		

Note:

1. Please verify the Electrical and their prices with owner.

2. Online sources are used for pricing.

3. Prices can vary Depending upon field conditions.

GENERAL SUMMARY

Prepared for: THE HANLEY CENTER RESOURCE BUILDING
Project ID: 933 45TH STREET WEST PALM BEACH, FL 33407
Scope: ELECTRICAL
No. Of Floors: 3 BUILDINGS
Date: 22-Jul-24

CONSTRUCTION INC.



BUILDING GSF 20,800

DIVISION NO.		DESCRIPTION	TOTAL DIV. COST
1000		GENERAL REQUIREMENT	\$ -
26000		ELECTRICAL	\$ 156,224
TOTAL TRADE COST			\$ 156,224
OVERHEAD AND PROFIT		25%	\$ 39,056.04
MATERIAL MARKUPS		15%	\$ 23,434
TAX		8.250%	\$ 12,888
TOTAL TRADE COST			\$ 231,602