

DATE: 10/12/2025

PROJECT	HTEAO TEXAS BORN& BREWED	
ESTIMATE	ELECTRICAL ESTIMATE	
ADDRESS	STORE #575	
REV.	0	

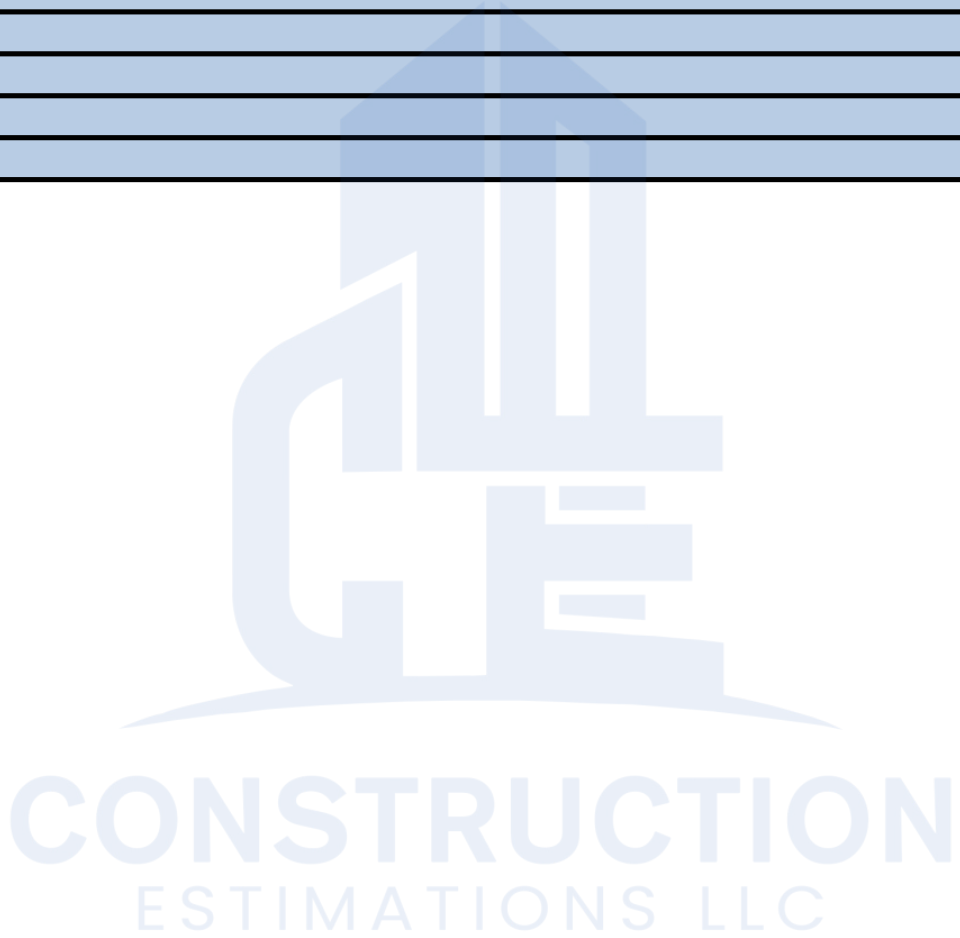
LABOR RATE	\$ 70.00
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SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL LABOR HOURS	TOTAL MATERIAL COST	TOTAL LABOR COST	UNIT ITEM COST	TOTAL ITEM COST
NEW WORK													
CONDUCTORS													
1	#12 THHN THWN CU	6576	10%	7234	FT	0.040	\$ 0.53	\$ 2.80	289.3	\$ 3,834	\$ 20,254	\$ 3	\$ 24,088
2	#10 THHN THWN CU	5547	10%	6102	FT	0.050	\$ 0.69	\$ 3.50	305.1	\$ 4,210	\$ 21,356	\$ 4	\$ 25,566
3	#8 THHN THWN CU	135	10%	149	FT	0.062	\$ 0.90	\$ 4.34	9.2	\$ 134	\$ 644	\$ 5	\$ 778
4	#6 THHN THWN CU	405	10%	446	FT	0.062	\$ 1.11	\$ 4.34	27.6	\$ 495	\$ 1,933	\$ 5	\$ 2,428
5	#3 THHN THWN CU	94	10%	103	FT	0.070	\$ 1.22	\$ 4.90	7.2	\$ 126	\$ 507	\$ 6	\$ 633
6	#3/0 THHN THWN CU	944	10%	1038	FT	0.072	\$ 1.27	\$ 5.04	74.8	\$ 1,319	\$ 5,234	\$ 6	\$ 6,552
GROUNDING													
1	#1/0 Bare Copper	20	10%	22	FT	0.072	\$ 1.32	\$ 5.04	1.6	\$ 29	\$ 111	\$ 6	\$ 140
CONDUITS													
1	1"C Pvc Sch 40 Pull String	4	10%	4	FT	0.040	\$ 1.42	\$ 2.80	0.2	\$ 6	\$ 12	\$ 4	\$ 19
2	2"C Emt	94	10%	103	FT	0.100	\$ 3.30	\$ 7.00	10.3	\$ 341	\$ 724	\$ 10	\$ 1,065
3	3"C Emt	12	10%	13	FT	0.150	\$ 4.48	\$ 10.50	2.0	\$ 59	\$ 139	\$ 15	\$ 198
4	3"C Pvc Sch 40	130	10%	143	FT	0.082	\$ 3.36	\$ 5.74	11.7	\$ 480	\$ 821	\$ 9	\$ 1,301
5	3/4"C Emt	2925	10%	3218	FT	0.062	\$ 1.29	\$ 4.34	199.5	\$ 4,151	\$ 13,964	\$ 6	\$ 18,115
6	3/4"C Emt Pull String	60	10%	66	FT	0.062	\$ 1.32	\$ 4.34	4.1	\$ 87	\$ 286	\$ 6	\$ 374
7	3/4"C Pvc Sch 40	756	10%	832	FT	0.034	\$ 0.66	\$ 2.38	28.3	\$ 549	\$ 1,979	\$ 3	\$ 2,528
8	3/4"C Rgs	494	10%	543	FT	0.100	\$ 1.54	\$ 7.00	54.3	\$ 837	\$ 3,804	\$ 9	\$ 4,641
9	4"C Pvc Sch 40 Pull String	20	10%	22	FT	0.100	\$ 4.48	\$ 7.00	2.2	\$ 99	\$ 154	\$ 11	\$ 253
POWER DISTRIBUTION													
1	Panel-A1,400A,208Y/120V,3PH,4W,Flush Mounted	1	0%	1	EA	30.000	\$ 4,000.00	\$ 2,100.00	30.0	\$ 4,000	\$ 2,100	\$ 6,100	\$ 6,100
2	Panel-A2,400A,208Y/120V,3PH,4W,Flush Mounted	1	0%	1	EA	30.000	\$ 4,000.00	\$ 2,100.00	30.0	\$ 4,000	\$ 2,100	\$ 6,100	\$ 6,100
CIRCUIT BREAKERS													
1	15A 1P Breaker	7	0%	7	EA	0.400	\$ 32.00	\$ 28.00	2.8	\$ 224	\$ 196	\$ 60	\$ 420
2	20A 1P Breaker	57	0%	57	EA	0.400	\$ 37.00	\$ 28.00	22.8	\$ 2,109	\$ 1,596	\$ 65	\$ 3,705
3	20A 2P Breaker	5	0%	5	EA	0.500	\$ 39.00	\$ 35.00	2.5	\$ 195	\$ 175	\$ 74	\$ 370
4	25A 2P Breaker	5	0%	5	EA	0.500	\$ 44.00	\$ 35.00	2.5	\$ 220	\$ 175	\$ 79	\$ 395
5	30A 2P Breaker	2	0%	2	EA	0.500	\$ 48.00	\$ 35.00	1.0	\$ 96	\$ 70	\$ 83	\$ 166
6	30A 3P Breaker	1	0%	1	EA	0.600	\$ 52.00	\$ 42.00	0.6	\$ 52	\$ 42	\$ 94	\$ 94
7	45A 3P Breaker	1	0%	1	EA	0.600	\$ 59.00	\$ 42.00	0.6	\$ 59	\$ 42	\$ 101	\$ 101
8	45A 3P Breaker	2	0%	2	EA	0.600	\$ 59.00	\$ 42.00	1.2	\$ 118	\$ 84	\$ 101	\$ 202
9	60A 2P Breaker	1	0%	1	EA	0.540	\$ 74.00	\$ 37.80	0.5	\$ 74	\$ 38	\$ 112	\$ 112
DISCONNECT SWITCH													
1	Disconnect Switch 30A 3P	1	0%	1	EA	0.580	\$ 45.00	\$ 40.60	0.6	\$ 45	\$ 41	\$ 86	\$ 86
2	Disconnect Switch 60A 2P	1	0%	1	EA	0.625	\$ 68.00	\$ 43.75	0.6	\$ 68	\$ 44	\$ 112	\$ 112
3	Disconnect Switch 30A 2P Nema 3R Wp	5	0%	5	EA	0.575	\$ 52.00	\$ 40.25	2.9	\$ 260	\$ 201	\$ 92	\$ 461
4	Disconnect Switch 60A 3P Nema 3R Wp	2	0%	2	EA	0.640	\$ 77.00	\$ 44.80	1.3	\$ 154	\$ 90	\$ 122	\$ 244

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RECEPTACLE													
1	Duplex Receptacle	14	0%	14	EA	0.550	\$ 18.00	\$ 38.50	7.7	\$ 252	\$ 539	\$ 57	\$ 791
2	Duplex Receptacle Gfci Wp	6	0%	6	EA	0.296	\$ 56.00	\$ 20.72	1.8	\$ 336	\$ 124	\$ 77	\$ 460
3	Special Receptacle	11	0%	11	EA	1.500	\$ 48.00	\$ 105.00	16.5	\$ 528	\$ 1,155	\$ 153	\$ 1,683
4	Top Shading In Duplex Receptacle Denotes Gfci Proteceted	33	0%	33	EA	0.850	\$ 52.00	\$ 59.50	28.1	\$ 1,716	\$ 1,964	\$ 112	\$ 3,680
5	Top Shading In Duplex Receptacle Denotes Gfci Proteceted Wp	2	0%	2	EA	0.950	\$ 68.00	\$ 66.50	1.9	\$ 136	\$ 133	\$ 135	\$ 269
6	Top Shading In Quad Receptacle Denotes Gfci Proteceted	2	0%	2	EA	1.200	\$ 90.00	\$ 84.00	2.4	\$ 180	\$ 168	\$ 174	\$ 348
LIGHTING FIXTURE													
1	C, Manufacturer: Satco, M Y Catalog Number: Nuvo 65-571R1, Description: 2X2 Led Backlit Flat Panel, 4,600Lm	8	0%	8	EA	1.500	\$ 189.00	\$ 105.00	12.0	\$ 1,512	\$ 840	\$ 294	\$ 2,352
2	Ce, Manufacturer: Satco, M Y Catalog Number: Nlno 65-575R1, Description: 2X2 Led Backlit Flat Panel With Emergencybackup, 4,600Lm	3	0%	3	EA	1.500	\$ 206.00	\$ 105.00	4.5	\$ 618	\$ 315	\$ 311	\$ 933
3	D, Manufacturer: Green Creative, M Y Catalog Number: Pxcyl6 Sm Lel9040 Kimo1Ounv/Nr/Bl/Cc, Description: 6" Cylinder W/ Black Pendant Extension And Led Satco Bulb	10	0%	10	EA	1.200	\$ 165.00	\$ 84.00	12.0	\$ 1,650	\$ 840	\$ 249	\$ 2,490
4	De, Manufacturer: Green Creative, M Y Catalog Number: Pxcyl6 Sm Lel9040 Kimo1Ounv/Nr/Bl/Cc/Em-Int, Description: 6" Cylinder W/ Black Pendant Extension And Led Satco Bulb And Emergency Led Driver	4	0%	4	EA	1.200	\$ 165.00	\$ 84.00	4.8	\$ 660	\$ 336	\$ 249	\$ 996
5	Dew, Manufacturer: Green Creative, M Y Catalog Number: Pxcyl6 Sm Lel9040 Kimo1Ounv/Nr/Bl/Cc/En -Int/Wet, Description: 6" Cylinder W/ Black Pendant Extension And Led Satco Bulb And Emergency Led Driver	1	0%	1	EA	1.200	\$ 165.00	\$ 84.00	1.2	\$ 165	\$ 84	\$ 249	\$ 249
6	El, Manufacturer: Green Creative, M Y Catalog Number: Nyxnc4Rd/S9Cct5S/Dualdim/Wd/Bbw, Description: 4" Led Flat Downlight	22	0%	22	EA	1.000	\$ 160.00	\$ 70.00	22.0	\$ 3,520	\$ 1,540	\$ 230	\$ 5,060
7	F, Manufacturer: Baselite, M Y Catalog Number: W514- 1 8-St6-3/ 4"-Stc- 1 Sowinc Satco Bulb #S29456, Description: 14" Mint Green Outer Shade / White Interior Shade With 1/2" Stem Mount Canopy And Led Satco Bulb	7	0%	7	EA	1.000	\$ 172.00	\$ 70.00	7.0	\$ 1,204	\$ 490	\$ 242	\$ 1,694
8	G2, Manufacturer: Rp Lighting, M Y Catalog Number: P5642-31-30K, Description: 6" Exterior Led Cylinder Up & Down With Cylinder Lens 2150 (Per Side) Lumens, 3000K	4	0%	4	EA	1.000	\$ 165.00	\$ 70.00	4.0	\$ 660	\$ 280	\$ 235	\$ 940
9	Gn, Manufacturer: Baselite, M Y Catalog Number: A810-41- E24-100Winc, Description: 10" Exterior Cylinder Gooseneck Wall Wash	8	0%	8	EA	1.500	\$ 190.00	\$ 105.00	12.0	\$ 1,520	\$ 840	\$ 295	\$ 2,360
10	H, Manufacturer: Rab, M Y Catalog Number: Van17-50-4000K, Description: Led Canopy Light Fully Shielded	7	0%	7	EA	2.000	\$ 206.00	\$ 140.00	14.0	\$ 1,442	\$ 980	\$ 346	\$ 2,422
11	L, Manufacturer: Lsi Lighting, M Y Catalog Number: Sdl4-Led-30L-FI-Unv-Dim1-35-80Cri Hanger Setm38258 # , Description: 4' Led Strip Diffused Lens With (2) Chain Hanger Sets 36" Length. 3041 Lumens 3500K	2	0%	2	EA	1.500	\$ 200.00	\$ 105.00	3.0	\$ 400	\$ 210	\$ 305	\$ 610
12	Th3, Manufacturer: Satco, M Y Catalog Number: Nuvo Th203: Satco Bulb#S29428, Description: Led Track Head Straight Cylinder With Satco Bulb.	30	0%	30	EA	1.500	\$ 200.00	\$ 105.00	45.0	\$ 6,000	\$ 3,150	\$ 305	\$ 9,150
13	LF-TH3(Track), Manufacturer: Satco, M Y Catalog Number: Nuvo Th203: Satco Bulb#S29428, Description: Led Track Head Straight Cylinder With Satco Bulb.	40	10%	44	FT	0.325	\$ 44.30	\$ 22.75	14.3	\$ 1,949	\$ 1,001	\$ 67	\$ 2,950

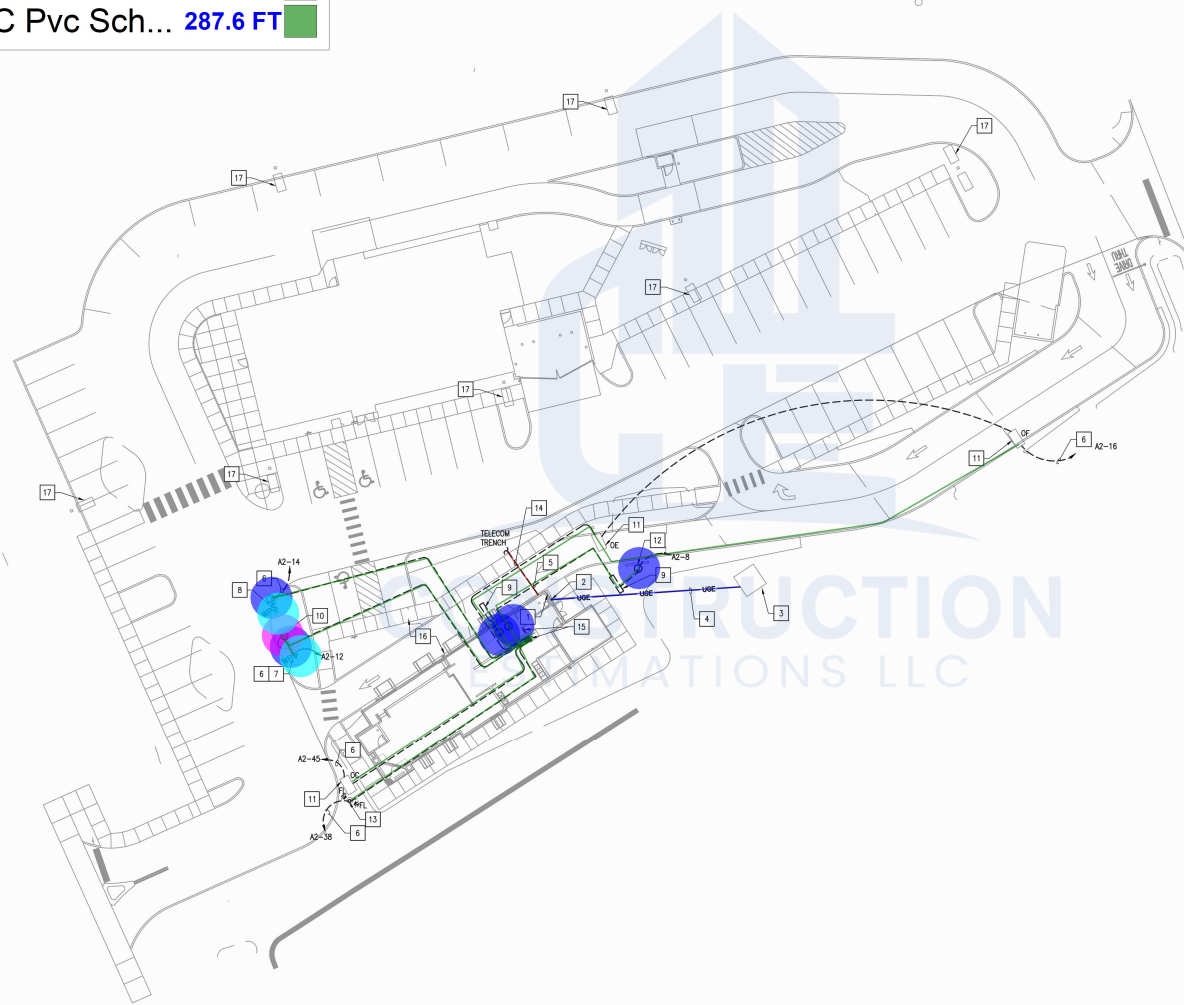
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14	V, Manufacturer: Rp Lighting, M Y Catalog Number: 4907Bn-24, Description: 2' Led Linear Vanity Light	1	0%	1	EA	1.250	\$ 168.00	\$ 87.50	1.3	\$ 168	\$ 88	\$ 256	\$ 256
15	V1, Manufacturer: Lsi Lighting, M Y Catalog Number: Ega-5L-Sa-Unv-840, Description: Cooler Vapor Tight 4' Led Linear Enclosed And Gasketed	2	0%	2	EA	1.500	\$ 192.00	\$ 105.00	3.0	\$ 384	\$ 210	\$ 297	\$ 594
16	W, Manufacturer: Lsi Lighting, M Y Catalog Number: Ear-Wh-Sd2-Rc, Description: Emergency Light With Twin Adjustable Led Heads And Battery, Mount At 7'-6"±, To Clear Obstacles. (Provides 1 Fc Avg. On 39' Center Fixture Spacing) Damp Location Rated.	5	0%	5	EA	1.500	\$ 185.00	\$ 105.00	7.5	\$ 925	\$ 525	\$ 290	\$ 1,450
17	Wp, Manufacturer: Lsi Lighting, M Y Catalog Number: Gst-4L-Ft-Unv-30K7 Brz, Description: Forward Throw Led Wall Pack Bronze In Color	4	0%	4	EA	1.500	\$ 196.00	\$ 105.00	6.0	\$ 784	\$ 420	\$ 301	\$ 1,204
18	Wpe, Manufacturer: Lsi Lighting, M Y Catalog Number: Gst-4L- Ft-Unv-30K7-Brz -Bb, Description: Forward Throw Led Wall Pack Bronze In Color With 90 Minute Battery Backup	1	0%	1	EA	1.500	\$ 196.00	\$ 105.00	1.5	\$ 196	\$ 105	\$ 301	\$ 301
19	X1, Manufacturer: Lsi Lighting, M Y Catalog Number: Lprx-R-U-Bk-Ld I I- RI, Description: Combination Emergency/Exit Light With Led Lamps, Red Letters On White Background, Twin Led Emergency Light Heads, Universal Mount, Battery Backup	1	0%	1	EA	1.000	\$ 148.00	\$ 70.00	1.0	\$ 148	\$ 70	\$ 218	\$ 218
LIGHTING CONTROL													
1	Push Button Wp	1	0%	1	EA	1.250	\$ 156.00	\$ 87.50	1.3	\$ 156	\$ 88	\$ 244	\$ 244
2	Single Pole Dimmer Switch	1	0%	1	EA	0.500	\$ 15.00	\$ 35.00	0.5	\$ 15	\$ 35	\$ 50	\$ 50
3	Single Pole Motor Rated Switch	9	0%	9	EA	0.850	\$ 48.00	\$ 59.50	7.7	\$ 432	\$ 536	\$ 108	\$ 968
4	Single Pole Occupancey Sensor	3	0%	3	EA	1.231	\$ 165.00	\$ 86.17	3.7	\$ 495	\$ 259	\$ 251	\$ 754
5	Single POle Switch	2	0%	2	EA	0.468	\$ 13.00	\$ 32.76	0.9	\$ 26	\$ 66	\$ 46	\$ 92
6	Single Pole Switch WP	4	0%	4	EA	0.500	\$ 16.00	\$ 35.00	2.0	\$ 64	\$ 140	\$ 51	\$ 204
7	Three POle Switch	4	0%	4	EA	0.650	\$ 30.00	\$ 45.50	2.6	\$ 120	\$ 182	\$ 76	\$ 302
8	Time Clock	1	0%	1	EA	1.500	\$ 280.00	\$ 105.00	1.5	\$ 280	\$ 105	\$ 385	\$ 385
TELECOM													
1	Telephone Data Outlet	12	0%	12	EA	0.600	\$ 98.00	\$ 42.00	7.2	\$ 1,176	\$ 504	\$ 140	\$ 1,680
MISC													
1	Integrated Cooler Lighting Fix	1	0%	1	EA	2.000	\$ 222.00	\$ 140.00	2.0	\$ 222	\$ 140	\$ 362	\$ 362
2	Junction Box	9	0%	9	EA	1.000	\$ 68.00	\$ 70.00	9.0	\$ 612	\$ 630	\$ 138	\$ 1,242
3	Junction Box Wp	8	0%	8	EA	1.250	\$ 90.00	\$ 87.50	10.0	\$ 720	\$ 700	\$ 178	\$ 1,420
4	Low Voltage Transformer And Buzzer	1	0%	1	EA	2.000	\$ 345.00	\$ 140.00	2.0	\$ 345	\$ 140	\$ 485	\$ 485
5	Security Camera	8	0%	8	EA	2.963	\$ 616.00	\$ 207.41	23.7	\$ 4,928	\$ 1,659	\$ 823	\$ 6,587
6	Speaker	5	0%	5	EA	1.000	\$ 148.00	\$ 70.00	5.0	\$ 740	\$ 350	\$ 218	\$ 1,090
TRENCHING & BACKFILLING													
1	Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment. (Assumed For Utility Site Area)	1820	10%	2002	CFT	0.018	\$ -	\$ 1.26	36.0	\$ -	\$ 2,522.52	\$ 1	\$ 2,523
ALLOWANCES													
1	Mobilization and Demobilization	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -

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2	Arc Flash Study	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
3	Protection Devices Coordination Study	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
4	Permit and Utility Fees	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
5	Testing and Commissioning	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
6	Tags & Directory	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
7	As Built Documents	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
8	Core Drill	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
9	Caulking Sealant	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
TOTAL MATERIAL COST												\$	65,813
TOTAL LABOR COST												\$	103,376
TOTAL COST												\$	169,189
OVERHEADS & PROFIT											25%	\$	42,297
TOTAL BID												\$	211,487
Note:-													



- 4#3/0 #C Pvc Sch 40 130.0 FT
- MI-Junction Box Wp 5.0 EA
- Rec-Duplex Receptac... 1.0 EA
- LC-Single Pole Switch... 2.0 EA
- 4"C Pvc Sch 40 Pull ... 20.0 FT
- 3#10 3/4"C Pvc Sch... 468.3 FT
- 3#12 3/4"C Pvc Sch... 287.6 FT

LUMINAIRE SCHEDULE					
WLS17598 HTEAD - BUFFALO GAP RD ABLENE, TX PM RODNEY PLEASE EMAIL US FOR PRICING AT RBIRKINS@WLSLIGHTING.COM					
QTY	Label	LUM. LUMENS	LLF	Description	Lum. Watts
2	FL	4690	0.950	WLS-MW-F1-15-18L-35-40K-SLW	35
1	OC	--	--	DSX1 LED P6 40K 12W MWOLT 25' POLE; POLE BASE 0# ABOVE GRADE	163
1	OE	--	--	DSX1 LED P6 40K 12W MWOLT 25' POLE; POLE BASE 0# ABOVE GRADE	163
1	OF	--	--	DSX1 LED P6 40K 12W MWOLT 25' POLE; POLE BASE 0# ABOVE GRADE	163



- KEYED NOTES**
1. DISCONNECT SWITCH, NEMA-3R.
 2. SELF-CONTAINED UTILITY METER ON BUILDING EXTERIOR PER LOCAL UTILITY COMPANY REQUIREMENTS.
 3. **POLE MOUNTED UTILITY TRANSFORMER**, REFER TO CIVIL DRAWINGS FOR EXACT LOCATION.
 4. UNDERGROUND SECONDARY SERVICE FEEDERS - SEE RISER DIAGRAM ON SHEET E200 FOR ADDITIONAL INFORMATION.
 5. ELECTRICAL CONTRACTOR SHALL PROVIDE (3) 1" CONDUIT SCHEDS PVC CONDUIT UP 4" ABOVE CONCRETE SLAB BASE FOR DRIVE THRU MENUBOARD AND SPEAKER. ONE CONDUIT FOR 120V CONDUCTORS TO MENUBOARD AND SPEAKER THE OTHER TWO CONDUIT FOR COMMUNICATION CONDUCTORS.
 6. ROUTE SWITCHED LEG OF CIRCUIT THROUGH TIMELOCK SEE SHEET E400 FOR AUTOMATIC SHUTOFF.
 7. VERIFY EXACT LOCATION WITH OWNER FOR Pylon SIGN. PROVIDE WEATHERPROOF JUNCTION BOX AND 20A WEATHER PROOF TOGGLE SWITCH 18" AFG FOR MAINTENANCE DISCONNECT SWITCH FOR MAIN LD. SIGN PER MANUFACTURERS INSTRUCTIONS.
 8. PROVIDE DISCONNECT AND CONNECT TO DIRECTIONAL SIGNAGE PER MANUFACTURERS INSTRUCTIONS. COORDINATE FINAL LOCATIONS WITH FRANCHISEE PRIOR TO INSTALLATION.
 9. COORDINATE LOOP INSTALLATION AND FINAL LOCATIONS WITH FRANCHISEE.
 10. GFI TYPE WEATHERPROOF RECEPTACLE MOUNTED ON MAIN SIGN SUPPORT +14" AFG. THIS RECEPTACLE SHALL NOT BE SWITCHED. (BYPASS THE CONTRACTOR AND SIGN'S DISCONNECT SWITCH).
 11. SITE LIGHTING, REFER TO CIVIL PHOTOMETRIC PLANS (SE101) FOR FIXTURE SPECIFICATIONS AND POLE BASE DETAILS.
 12. DRIVE-THRU MENU BOARD AND SPEAKER POST. REFER TO MANUFACTURER'S INSTALLATION GUIDELINES FOR EXACT REQUIREMENTS.
 13. PROVIDE POWER AND FINAL CONNECTION TO FLAG POLE LIGHTING. COORDINATE WITH M&S AND OWNER ON FINAL LOCATION AND REQUIREMENTS PRIOR TO BID.
 14. ONE 4" UNDERGROUND PVC CONDUIT WITH PULL STRING PER TELEPHONE UTILITY COMPANY'S SPECIFICATIONS AND REQUIREMENTS FOR TELEPHONE SERVICE. COORDINATE EXACT ROUTING AND STUB-UP LOCATION WITH THE TELEPHONE UTILITY COMPANY AND CLEARLY MARK STUB-UP LOCATION. STUB-UP LOCATIONS INDICATED ARE BASED ON INFORMATION THAT WAS AVAILABLE DURING DESIGN. SUBMIT A ONEK FOOT UNIT PRICE WITH THE BID FOR ADDITIONAL CONDUIT, OF EACH SIZE AND TYPE INDICATED, IN THE EVENT THE FINAL UTILITY COMPANY DIRECTED STUB-UP LOCATION DIFFERS FROM WHAT IS INDICATED.
 15. APPROXIMATE LOCATION OF ELECTRICAL PANELS. SEE SHEET E200 FOR PANEL LOCATION.
 16. REFER TO NEC 300.5 FOR MINIMUM COVER REQUIREMENT FOR UNDERGROUND NON-METALLIC RACEWAYS BURIAL.
 17. SITE POLES POWERED AND CONTROLLED BY OTHERS.

ELECTRICAL CONTRACTOR SHALL COORDINATE ALL UNDERGROUND CONDUITS WITH CIVIL DRAWINGS AND EXISTING UNDERGROUND UTILITIES.

LEGEND

- UCT UNDERGROUND TELEPHONE FEEDERS
- UGE UNDERGROUND SERVICE FEEDERS
- UDC UNDERGROUND CONDUITS

INTERPLAN
INTERPLAN, LLC
AB99938
CA 8660

ARCHITECTURE
1 EAST 22ND STREET, SUITE 400
LOMBARD, IL 60148
630.932.2336

ENGINEERING
PERMITTING
220 E. CENTRAL PKWY. STE. 4000
ALTAMONTE SPRINGS, FL 32701
407.645.9008

SEAL:

STATE OF TEXAS
REGISTERED ELECTRICAL ENGINEER
ROBERT HENDERSON
17579
17.08.39-4007

8/25/25 ISSUE FOR PERMIT
8/25/25 REVISED HEAD REVIEW
8/25/25 HEAD REVIEW
8/25/25 HEAD ID REVIEW
NO DATE REMARKS

REVISIONS

STORE#
575
TN-35 & ROBERT HENDERSON
ROAD, SEVIERVILLE
TENNESSEE 37862

PROJECT NO: 2025.0209
DATE: 04.16.25

E001
ELECTRICAL SITE PLAN

CHECKED: GA DRAWN: HM
ANGMEN - 07/25/2025 3:38:37 PM

A ELECTRICAL SITE PLAN
SCALE: 1"= 20'-0"

- LC-Single Pole Switch WP
- LC-Single Pole Motor Rated Switch
- LC-Single Pole Occupancy Sensor
- LC-Single Pole Switch
- LC-Three Pole Switch
- MI-Junction Box Wp
- LC-Single Pole Dimmer Switch
- LF-W
- LF-V
- LF-DEW
- LF-DE
- LF-D
- LF-X1
- LF-WP
- LF-WPE
- LF-H
- LF-G2
- LF-GN
- LF-E1
- LF-F
- LC-Time Clock
- LF-L
- LF-V1
- MI-Integrated Cooler Lighting Fix
- LF-CE
- LF-C
- LF-TH3
- LF-TH3(Track)
- 3#12 3/4"C Emt
- 3#10 3/4"C Emt

2 CANOPY LIGHT WIRING DETAIL 1

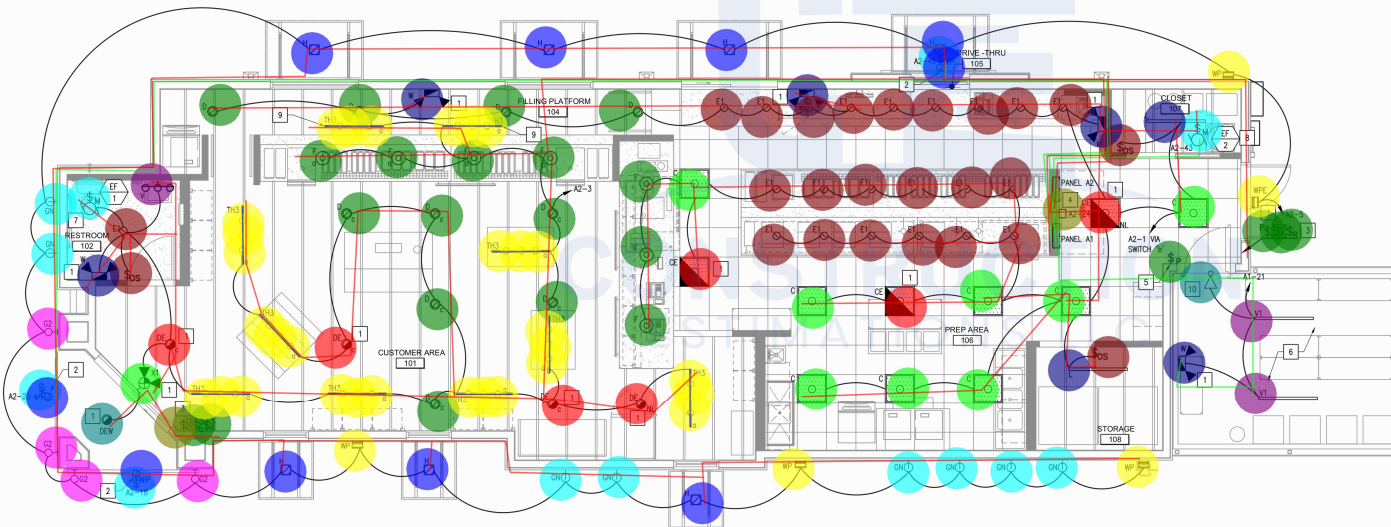
3 CANOPY LIGHT WIRING DETAIL 2

LIGHTING NOTES:

1. REFER TO LIGHTING FIXTURES SCHEDULE FOR ADDITIONAL INFORMATION.
2. EXIT SIGNS AND EMERGENCY LIGHTS SHALL HAVE THEIR OWN SELF-CONTAINED 90 MINUTE STANDBY BATTERY POWER SUPPLY AND TEST LIGHT SWITCH. IF LOCAL CODES REQUIRE A DIRECT TAP BEFORE ANY CIRCUIT BREAKERS THEN INCORPORATE INTO THE FEEDER DIAGRAM.
3. PROVIDE EMERGENCY LIGHTING TO MEET THE REQUIRED FOOT CANDLE LEVEL PER LOCAL CODE.
4. LUMINAIRE'S INSTALLED IN CONTINUOUS ROWS SHALL BE GROUNDED WITH A CONDUCTOR ROUTED FROM LUMINAIRE TO LUMINAIRE, MOUNTED TO EACH WITH GROUNDING LUG OR SCREW. ALGIDING CLIPS ARE NOT ACCEPTABLE. LUMINAIRE GROUNDING SHALL BE INSTALLED IN COMPLIANCE WITH NEC ARTICLE 410-21.
5. CEILING LIGHTS ARE TO BE WIRED TO THE BAR JOIST MEMBERS AT THE DIAGONAL CORNERS.
6. COORDINATE LIGHTING FIXTURES LOCATION WITH SPRINKLER & MECHANICAL DRAWINGS.

KEYED NOTES

1. CONNECT TO AREA GENERAL LIGHTING CIRCUIT. EXIT SIGNS, NIGHT LIGHTS, EMERGENCY FIXTURES (BUGGIES) AND FIXTURE BATTERY BACK UP UNITS SHALL BE ON A NON-SWITCHED LEG OF LOCAL AREA CIRCUIT. SEE SWITCHED AND UNSWITCHED LIGHTING WIRING DIAGRAM ON SHEET E400.
2. PROVIDE JUNCTION BOX FOR EXTERIOR SIGNAGE FIELD VERY EXACT MOUNTING LOCATION OF JUNCTION BOX WITH SIGNAGE INSTALLER/OWNER PRIOR TO ROUGH-IN. JUNCTION BOX SHALL BE MOUNTED CENTERED BEHIND SIGN ON THE EXTERIOR WALL. EXTERIOR SIGNAGE INSTALLATION BY SIGNAGE VENDOR INSTALLER. FINAL CONNECTION FROM JUNCTION BOX TO SIGNAGE SHALL BE COORDINATED WITH SIGNAGE INSTALLER AND PROVIDED IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS. CONTRACTOR TO CIRCUIT EXTERIOR SIGNAGE AS INDICATED.
3. APPROXIMATE LOCATION OF SWITCHBANK. SEE DETAIL 5/E400. COORDINATE EXACT LOCATION AND SWITCH CONFIGURATION WITH OWNER. (NOTE: CONTRACTOR TO PROVIDE A PILOT LIGHT INDICATOR TYPE WALL SWITCH, FOR ALL SWITCHES, WHERE LIGHTS BEING CONTROLLED BY SAID SWITCH ARE NOT VISIBLE FROM SWITCH BANK LOCATION.)
4. APPROXIMATE LOCATION TIMECLOCK AND LIGHTING CONDUCTORS. SEE LIGHTING CONTROL DIAGRAM ON DETAILS 7 & 8/E400 FOR MORE INFORMATION.
5. PROVIDE SWITCH WITH PILOT LIGHT FOR WALK-IN COOLER LIGHTING CONTROL.
6. PROVIDE VAPOR TIGHT LIGHTING FIXTURE FOR WALK-IN COOLER. ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTIONS TO LIGHTING FIXTURES AND COOLERS INTEGRATED LIGHT FIXTURE. PROVIDE REQUIRED LAMPS AS NECESSARY TO COMPLETE INSTALLATION PER MANUFACTURER'S SPECIFICATIONS.
7. 1P20A, 120V MOTOR RATED SWITCH FOR RESTROOM EXHAUST FAN. CONTRACTOR TO CONNECT RESTROOM EXHAUST FAN WIRING WITH RESTROOM LIGHTING BRANCH CIRCUIT FOR SIMULTANEOUS OPERATION.
8. 1P20A, 120V MOTOR RATED SWITCH FOR CLOSET EXHAUST FAN. CLOSET EXHAUST FAN SHALL BE WIRED FOR CONTINUOUS OPERATION.
9. TRACK LIGHTS IN THIS AREA TO BE HUNG FROM TRUSS. PROVIDE SATO MAUD PP179 TRACK TENANT KIT. COORDINATE ALL REQUIRED ACCESSORIES WITH LIGHTING VENDOR PRIOR TO BID.
10. INTEGRATED COOLER LIGHTING FIXTURE.



A ELECTRICAL PLAN - LIGHTING
SCALE: 1/4" = 1'-0"

- 4#3/0 3"C Emt
- 4#3/0 #3 2"C Emt
- MI-Security Camera
- 1"C Pvc Sch 40 Pull String
- MI-Speaker
- 3/4"C Emt Pull String
- Rec-Top Shading In Duplex Receptacle Denotes Gfci Proteceted
- Rec-Duplex Receptacle Gfci Wp
- MI-Junction Box
- Rec-Special Receptacle
- Dis-Disconnect Switch 60A 2P
- Dis-Disconnect Switch 30A 3P
- LC-Single Pole Motor Rated Switch
- Rec-Duplex Receptacle
- LC-Push Button Wp
- MI-Low Voltage Transformer And Buzzer
- Tel-Telephone Data Outlet
- Rec-Top Shading In Quad Receptacle Denotes Gfci Proteceted
- MI-Junction Box Wp
- 3#6 #8 3/4"C Emt
- 3#10 3/4"C Emt
- 3#12 3/4"C Emt

POWER NOTES

- REFERENCE TO HEIGHT OR ELEVATION FOR WALK-IN COOLER OR FREEZER SHALL BE FROM FINISHED FLOOR OR BOTTOM OF BOX.
- ELECTRICAL CONTRACTOR TO PROVIDE WIRING FOR WALK-IN COOLER OR FREEZER FROM FINISHED FLOOR OR BOTTOM OF BOX.
- UNDERGROUND ARE FROM FINISHED WALL, SEE NOTES.
- FIELD PROVIDING EXACT LOCATION OF ALL EQUIPMENT, COORDINATE WITH OWNER/ARCHITECT AND SECURITY SYSTEMS.
- COORDINATE WITH OWNER/ARCHITECT AND SECURITY SYSTEMS FOR ALL EQUIPMENT, COORDINATE WITH OWNER/ARCHITECT AND SECURITY SYSTEMS.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT, COORDINATE WITH OWNER/ARCHITECT AND SECURITY SYSTEMS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MECHANICAL PLANS PRIOR TO INSTALLATION.

- 12.0 FT
- 93.1 FT
- 8.0 EA
- 3.7 FT
- 5.0 EA
- 60.0 FT
- 33.0 EA
- 5.0 EA
- 9.0 EA
- 11.0 EA
- 1.0 EA
- 1.0 EA
- 6.0 EA
- 14.0 EA
- 1.0 EA
- 1.0 EA
- 12.0 EA
- 2.0 EA
- 0.0 EA
- 13.3 FT
- 409.8 FT
- 1639.7 FT

KEYED NOTES

- PROVIDE MOTOR RATED SWITCH IN WEATHERPROOF BOX WITH COVER AND CONNECTION FOR WALK-IN EVAPORATOR COIL. CO SHALL PULL 6 CONTROL WIRES FROM THE CONDENSING UNIT ON THE ROOF TO THE CORRESPONDING COMPARTMENT IN THE WALK-IN PER MANUFACTURER'S INSTRUCTIONS.
- MAKE PENETRATIONS IN WALK-IN COOLER AND STORAGE W/ CONDUIT SEALING FITTINGS & NIPPLE TO CAST FIXTURE J-BOX SURFACE MOUNTED ON WALK-IN CEILING FOR LIGHTS.
- PROVIDE POWER AND DATA FOR COMPUTER AND IT EQUIPMENT. COORDINATE LOCATION AND ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO BID. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY LOCATION OF TELEPHONE SERVICE PROVIDED INTO THE SPACE AND SHALL EXTEND 3/4" CONDUIT TO TELEPHONE BOARD LOCATION AS INDICATED ON THE DRAWINGS. COORDINATE FINAL LOCATION WITH OWNER/ARCHITECT AND ELECTRICAL REQUIREMENTS WITH SERVICE PROVIDER. PROVIDE A 5'-0" X 5'-0" X 3/4" UL-LABELED FIRE-RETARDANT PLYWOOD BACKBOARD FOR TELECOMMUNICATION EQUIPMENT. PROVIDE GROUND BAY MOUNTED ON BACKBOARD WITH EQUIPMENT GROUNDING CONDUCTOR CONNECTED TO POWER SYSTEMS GROUNDING ELECTRODE SYSTEM.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED JUNCTION BOXES, CONDUIT AND PULL STRING FOR THERMOSTATS AND SENSORS. COORDINATE LOCATION WITH MECHANICAL PLANS PRIOR TO BID, ROUGH-IN AND INSTALLATION.
- JUNCTION BOX AND 20A-120V MOTOR SWITCH FOR AIR CURTAIN. REFER TO MECHANICAL SCHEDULES FOR SPECIFICATIONS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- PROVIDE RECEPTACLE 18" ABOVE WINDOW FOR SHOW WINDOW AS REQUIRED BY CODE, NEC 290.62. VERIFY WITH LOCAL AIA. VERIFY EXACT LOCATION WITH ARCHITECT.
- WEATHERPROOF PUSHBUTTON, LOW VOLTAGE TRANSFORMER AND BUZZER.
- CONTRACTOR TO EXTEND ICE MAKER CIRCUIT TO ICE MAKER REMOTE CONDENSER (MOUNTED ON ROOF). REMOTE ICE MAKER CONDENSER POWERED FROM ICE MAKER CIRCUIT. NO ADDITIONAL CIRCUIT REQUIRED FOR ICE MAKER REMOTE CONDENSER. SEE SHEET E201 FOR ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE A LOCK-OUT/TAG-OUT DEVICE (INSTALLED IN PANEL) ON CIRCUIT BREAKER FEEDING ICE MAKER/REMOTE CONDENSER CIRCUIT. PROVIDE ALL NECESSARY DEVICES AND MAKE ALL FINAL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS. ROUTING OF CONDUIT SHALL BE DETERMINED IN FIELD.
- PANEL 'X1' - 400A MLD, 208Y/120V, 3 PHASE, 4 WIRE.
- PANEL 'X2' - 400A MLD, 208Y/120V, 3 PHASE, 4 WIRE.
- DEVICES MOUNTED IN CASEWORK. ROUTE ALL WIRING CONCEALED. FIELD VERIFY EXACT LOCATION.
- PROVIDE CONNECTION TO AUTOMATIC DOOR & DRIVE THRU WINDOW OPERATOR PER MANUFACTURER'S INSTRUCTIONS. VERIFY EXACT LOCATION AND REQUIREMENTS.
- WALK-OUT/IN UTILITY NETWORK REFER TO SHEET E200.
- WALK-OUT/IN DISCONNECT REFER TO SHEET E200.
- RUN CONDUITS WITH PULL STRINGS FOR SPEAKER WIRING FROM IT CABINET TO SPEAKER LOCATIONS AS SHOWN. RUN 3/4" CONDUITS WITH PULL STRINGS FOR SPEAKER WIRING TO LOCATIONS AS DIRECTED BY THE TENANT'S MUSIC PROVIDER. GENERAL CONTRACTOR TO REFERENCE APPROVED A/V LAYOUT SENT BY PROJECT MANAGER.
- PROVIDE POWER & DATA FOR DIGITAL MENU BOARDS. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO BID. ROUGH-IN AND INSTALLATION. RUN 3/4" CONDUITS WITH PULL STRINGS TO DATA LOCATIONS SPECIFIED. COORDINATE FINAL REQUIREMENTS WITH I.T. VENDOR PRIOR TO BID.
- TYPICAL CAMERA LOCATIONS ARE SHOWN FOR REFERENCE ONLY. COORDINATE FINAL LOCATIONS AND REQUIREMENTS WITH SECURITY SYSTEMS VENDOR/INSTALLER PRIOR TO BID.
- PROVIDE JUNCTION BOX FOR CONTROL WIRE (#18/2) FROM STORAGE TANK LOCATION IN COOLER TO RO SYSTEM IN CLOSET WITH 6'-0" OF CABLE SLACK ON EACH END. JUNCTION BOX AT RO SYSTEM SHALL BE MOUNTED AT 6'-0" AFF. JUNCTION BOX AT STORAGE TANKS IN COOLER SHALL BE MOUNTED AT 6" BELOW COOLER CEILING.
- ALL ABOVE COUNTER RECEPTACLES SHALL BE MOUNTED HORIZONTALLY. MOUNTING HEIGHT SHOWN MEASURED TO BOTTOM OF BOX. COORDINATE FINAL LOCATION PRIOR TO ROUGH-IN WITH CONSTRUCTION MANAGER.
- PROVIDE 30A/3P, 240V, NEMA 1, NON-FUSED DISCONNECT SWITCH FOR AIR CURTAIN. REFER TO MECHANICAL SCHEDULES FOR SPECIFICATIONS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- PROVIDE RECEPTACLE 18" ABOVE DOOR HEIGHT FOR INTERIOR DOOR SIGN. VERIFY EXACT LOCATION WITH ARCHITECT.



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A ELECTRICAL PLAN - POWER
SCALE: 1/4" = 1'-0"



STORE#
575
TN-35 & ROBERT HENDERSON
ROAD, SEVIERVILLE,
TENNESSEE 37862

PROJECT NO: 2025.0209

DATE: 04.16.25

E200

ELECTRICAL PLAN - POWER

CHECKED: GA DRAWN: HM

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- Rec-Top Shading In Duplex Receptacle Denotes Gfci Protected Wp
- Dsi-Disconnect Switch 60A 3P Nema 3R Wp
- Dsi-Disconnect Switch 30A 2P Nema 3R Wp
- 3#6 #8 3/4"C Rgs
- 3#12 3/4"C Rgs
- 3#10 3/4"C Rgs

2.0 EA ●
2.0 EA ●
5.0 EA ●
120.6 FT ●
75.9 FT ●
297.0 FT ●

KEYED NOTES

- FACTORY INSTALLED GFCI CONVENIENCE RECEPTACLE. CONNECT TO CIRCUIT AS SHOWN. REFER TO HVAC DRAWING SHEET M400 FOR ADDITIONAL INFORMATION.
- RADIUS TO SHOW CODE REQUIRED WP/GFI MAINTENANCE RECEPTACLE WITHIN 25' OF ROOF TOP EQUIPMENT.
- PROVIDE NEMA-3R FUSED DISCONNECT (SIZE AS NOTED) IF HVAC UNIT IS NOT EQUIPPED WITH A FACTORY INSTALLED DISCONNECT. COORDINATE WORK WITH MECHANICAL DRAWINGS AND HVAC EQUIPMENT SPECIFICATIONS PRIOR TO BID.
- PROVIDE NEMA-3R FUSED DISCONNECT FOR CONDENSER (SIZE AS NOTED). COORDINATE WORK WITH MECHANICAL DRAWINGS AND EQUIPMENT SPECIFICATIONS PRIOR TO BID. UNIT TO BE CONTROLLED BY INTERIOR ICE CUBE MACHINE.
- PROVIDE NEMA-3R NON-FUSED DISCONNECT FOR CONDENSER. CONDENSER TO BE POWERED BY ICE NUGGET MACHINE. COORDINATE WORK WITH MECHANICAL DRAWINGS AND EQUIPMENT SPECIFICATIONS PRIOR TO BID.
- PROVIDE NEMA-3R NON-FUSED DISCONNECT FOR CONDENSER (SIZE AS NOTED). COORDINATE WORK WITH MECHANICAL DRAWINGS AND EQUIPMENT SPECIFICATIONS PRIOR TO BID.

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REVISIONS
R7.25.25 ISSUE FOR PERMIT
R7.25.25 REVISION HEAD REVIEW
R7.8.25 HEAD REVIEW
R4.25.25 PRELIM ID PRONCE
NO DATE REMARKS

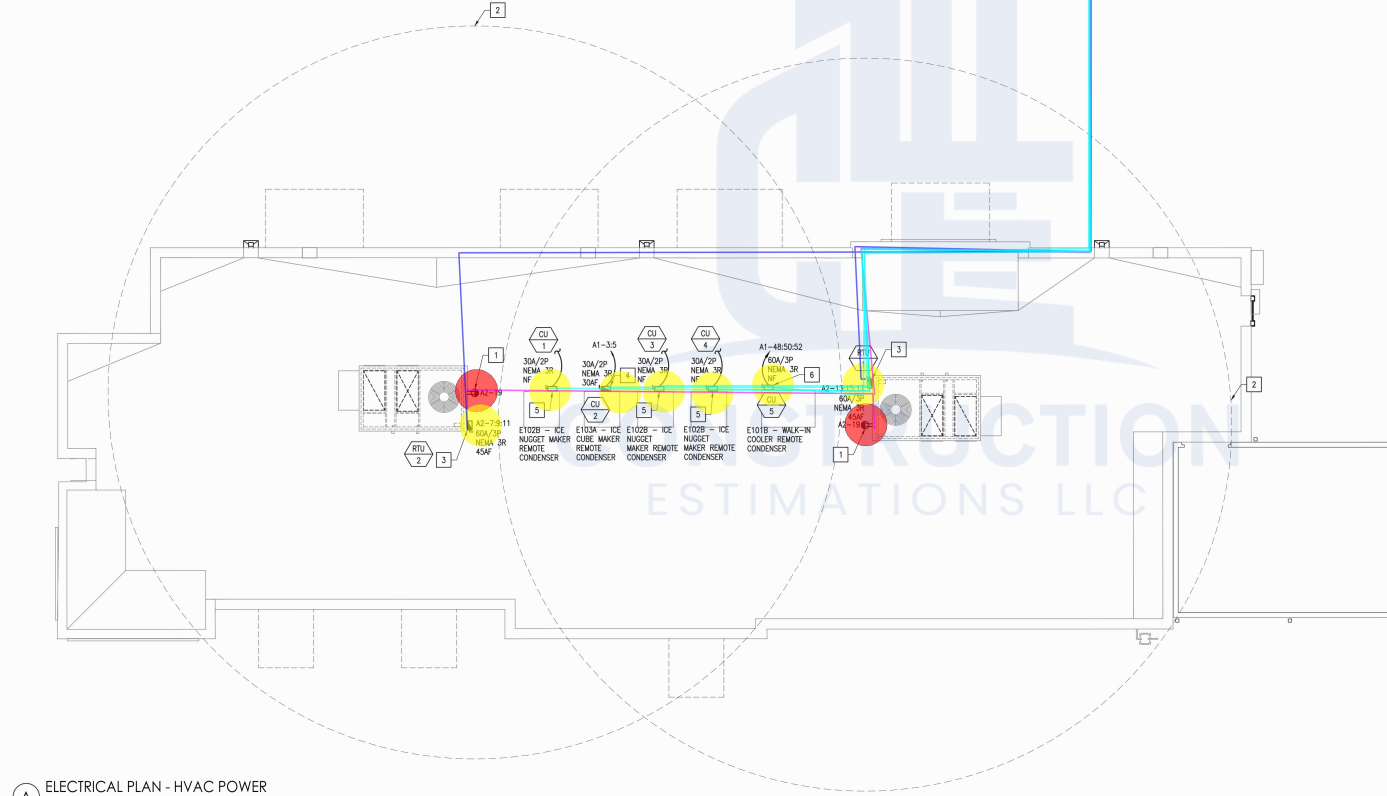


STORE#
575
TN-35 & ROBERT HENDERSON
ROAD, SEVIERVILLE
TENNESSEE 37862

PROJECT NO: 2025.0209
DATE: 04.16.25

E201
ELECTRICAL PLAN - ROOF

CHECKED: GA DRAWN: HM
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A ELECTRICAL PLAN - HVAC POWER
SCALE: 1/4" = 1'-0"



PANEL A1																																							
LOCATION: SEE PLANS VOLTAGE: 208Y/120V TRIM: FLUSH										MAIN: 400A MLO SYSTEM: 3ø, 4W BUS RATING: 400A					CONN. LOAD: 158.1 KVA FEED: BOTTOM GROUND BUS: YES																								
NOTES	OKT	LOAD SERVED	COND	PHASE	NEUT	ØNO	ØSYM	ØMD	L1	L2	L3	ØMD	ØSYM	ØMD	PHASE	NEUT	ØNO	LOAD SERVED	OKT																				
-	1	E102 - COFFEE GRINDER	3/4"	#12	#12	#12	#12	#12	1124						#12	#12	#12	E106 - ICE DISPENSER	2																				
-	3	E103A - REMOTE CONDENSER	3/4"	#10	#10	#10	#10	#10	1587						#12	#12	#12	E112 - WATER JUG FILL STATION	4																				
-	5	-							1587						#12	#12	#12	E106 - ICE DISPENSER	6																				
-	7	E101A - COOLER ENVP	3/4"	#12	#12	#12	#12	#12	678						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	8																				
-	9	E108 - ESPRESSO MACHINE	3/4"	#10	#10	#10	#10	#10	1587						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	10																				
-	11	-							1587						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	12																				
-	13	E104A - REACH IN COOLER	3/4"	#12	#12	#12	#12	#12	1874						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	14																				
-	15	-							1874						#12	#12	#12	E108 - 3 BOWL DISPENSER	16																				
1,2,4	17	E102A - ICE NUGGET MAKER	3/4"	#10	#10	#10	#10	#10	2871						#12	#12	#12	E108 - 3 BOWL DISPENSER	18																				
-	19	-							1020						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	20																				
-	21	COOLER LIG	3/4"	#12	#12	#12	#12	#12	540						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	22																				
1	23	E105 - UNDER COUNTER FRIDGE	3/4"	#12	#12	#12	#12	#12	1000						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	24																				
8	25	DOOR HEATER	3/4"	#12	#12	#12	#12	#12	1000						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	26																				
-	27	E124 - REACH IN COOLER	3/4"	#12	#12	#12	#12	#12	2871						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	28																				
1	29	E111 - BREWING UNIT	3/4"	#10	#10	#10	#10	#10	2049						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	30																				
-	31	-							2049						#12	#12	#12	E109 - 4 BOWL BWRG. DISPENSER	32																				
1	33	E111 - BREWING UNIT	3/4"	#10	#10	#10	#10	#10	2049						#12	#12	#12	E108 - 3 BOWL DISPENSER	34																				
-	35	-							2049						#12	#12	#12	E108 - 3 BOWL DISPENSER	36																				
1	37	E111 - BREWING UNIT	3/4"	#10	#10	#10	#10	#10	2049						#10	#10	#10	E102A - ICE NUGGET MAKER	38																				
-	39	-							2049						#10	#10	#10	-	40																				
1	41	E111 - BREWING UNIT	3/4"	#10	#10	#10	#10	#10	2049						#10	#10	#10	E102A - ICE NUGGET MAKER	42																				
-	43	-							2871						#10	#10	#10	-	44																				
1	45	E111 - BREWING UNIT	3/4"	#10	#10	#10	#10	#10	2049						#12	#12	#12	E103 - ICE CLUBE MACHINE	46																				
-	47	-							2049						#12	#12	#12	E103 - ICE CLUBE MACHINE	48																				
1	49	E123 - ICE MACHINER	3/4"	#12	#12	#12	#12	#12	2478						#10	#10	#10	E101B - WALK-IN CONDENSER	50																				
-	51	SPARE							2478						#	#	#	-	52																				
-	53	SPARE							2478						#	#	#	-	54																				
INTERRUPT RATING: 22,000 AIC										29357					25023					28030																			
LOADS (IN VA)										LOADS										REMAINING CONTINUOUS LOADS										0 1.25 0									
CONNECTED DEMAND MINIMUM										CONNECTED DEMAND MINIMUM										REMAINING NON-CONTINUOUS LOADS										26078 1.0 26078									
FACTOR FEEDER										FACTOR FEEDER										MISC. DEMAND LOADS										0 1.0 0									
LIGHTING										LIGHTING										TOTAL CONNECTED LOAD										158.1 KVA 439.1 AMPS									
RECEPTS TO 10 KVA										RECEPTS TO 10 KVA										TOTAL DEMAND LOAD										142.4 KVA 395.5 AMPS									
SPACE HEATING										SPACE HEATING																													
AIR CONDITIONING										AIR CONDITIONING																													
14216										14216																													
1.25										1.25																													
17770										17770																													
1.0										1.0																													
10000										10000																													
RECEPTS REMAINING										RECEPTS REMAINING																													
45412										45412																													
0.5										0.5																													
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