

ELECTRICAL POWER PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES THIS SHEET

- SEE PANELBOARD SCHEDULES SHEETS E4.0, FOR CIRCUIT HOMERUN DESIGNATIONS.
- COORDINATE WITH OWNER AND EQUIPMENT SUPPLIER FOR EQUIPMENT DISCONNECT (INCLUDING RECEPTACLES) MOUNTING HEIGHTS.

ELECTRICAL PLAN NOTES THIS SHEET:

- COORDINATE ALL CONDUCTOR PENETRATIONS AND ROUTING AS WELL AS DEVICE LOCATIONS FOR ANY ELECTRICAL WORK WITHIN MILLWORK WITH ARCHITECT AND MILLWORK PROVIDER.
- ALL 15A AND 20A, 120V RECEPTACLES IN AREAS DEFINED AS KITCHEN OR FOOD PREPARATION PER NEC SHALL BE GFI PROTECTED.
- LOCATION OF NEW PANELS 'MDP', 'A', AND 'B'. SEE ELECTRICAL RISER DIAGRAM, SHEET E-4.0.
- FIELD VERIFY EXACT LOCATION AND CONTROL OF STORE FRONT SIGNAGE WITH OWNER.
- COORDINATE EXACT LOCATION WITH MECHANICAL PLAN PRIOR TO INSTALL.
- PROVIDE SHUNT TRIP CIRCUIT BREAKER FOR ANY EQUIPMENT LOCATED UNDER HOOD. COORDINATE WITH HOOD VENDOR TO DISCONNECT POWER WITH HOOD SUPPRESSION SYSTEM.
- ALL DESIGNATED RECEPTACLES SHALL BE HUBBELL COMBO USB CHARGER WITH TAMPER RESISTANT RECEPTACLE.
- ROUTE (3) 1" CONDUITS AND (2) SPARE 1" CONDUITS FOR MENU BOARD/SPEAKER POST FROM INTERCOM SYSTEM LOCATED IN OFFICE.
- ROUTE (2) 2" PVC UNDERGROUND CONDUIT FROM THE OFFICE TO THE FRONT LINE AREA.
- ROUTE (2) 1" PVC CONDUIT WITH PULL STRINGS FROM MENU BOARD SOFFIT TO OFFICE.
- COORDINATE EXACT MOUNTING HEIGHT OF HAND DRYERS WITH OWNER PRIOR TO INSTALL. PROVIDE FEEDER SIZE OF (2#10+#10G) 3/4"C.
- ROUTE (1) 1"C FOR MAGNETIC DETECTOR LOOP TO LOCATION ABOVE CEILING AT REAR OF SPACE
- COORDINATE EXACT LOCATION AND REQUIREMENTS FOR PRICE CONFIRMATION DISPLAY WITH OWNER PRIOR TO INSTALL. ROUTE (1) 1" CONDUIT FROM PRICE CONFIRMATION DISPLAY TO OFFICE.

DUNKIN MECHANICAL EQUIPMENT SCHEDULE

KEY	DESCRIPTION	LOAD	VOLT-#	FEEDER	O.C. PROTECTION			REMARKS
					C.B.	FUSE	DISC.	
CND-1	COOLER CONDENSER	1.4 KVA	120-1	(2#12+#12G) 1/2"C	**	---	---	MOTOR SWITCH
CND-2	FREEZER CONDENSER	9.6 KVA	208-3	(4#4+#10G) 1-1/4"C	**	---	---	60A3P NEMA 3R 2.
EVAP-1	COOLER EVAPORATOR	1.8 KVA	120-1	(2#12+#12G) 1/2"C	**	---	---	MOTOR SWITCH
EVAP-2	FREEZER EVAPORATOR	1.8 KVA	120-1	(2#12+#12G) 1/2"C	**	---	---	MOTOR SWITCH
EF-1&2	EXHAUST FAN	0.1 KVA	120-1	(2#12+#12G) 1/2"C	**	---	---	MOTOR SWITCH
RTU-1-3	ROOFTOP UNITS	9.3 KVA	208-3	(3#8+#10G) 1"C	**	---	---	30A3P NEMA 3R 2.
WH-1&2	WATER HEATER (GAS)	0.1 KVA	120-1	(2#12+#12G) 1/2"C	**	---	---	NEMA 5-20R

- NOTES: \*\* SEE PANELBOARD SCHEDULES FOR BREAKER SIZES.
- DISCONNECT SHALL BE NON-FUSED.
  - VERIFY MOCP IS ACCEPTABLE WITH MANUFACTURER, ELSE PROVIDE FUSIBLE DISCONNECT.

DUNKIN KITCHEN EQUIPMENT SCHEDULE

KEY	DESCRIPTION	LOAD	VOLT-#	FEEDER	O.C. PROTECTION			REMARKS
					C.B.	FUSE	DISC.	
96	ESPRESSO MACHINE	20 AMPS	208-1	(2#10+#10G) 3/4"C	*	---	---	NEMA 1E-30R
100C-1	DAIRY DISPENSER	2 AMPS	120-1	(2#12+#12G) 1/2"C	*	---	---	CORD PLUG NEMA 15-20R
100D	SURE HOT DISPENSER	4 AMPS	120-1	(2#12+#12G) 1/2"C	*	---	---	CORD PLUG NEMA 15-20R
100P-1	AXIOM TWIN COFFEE BREWER	28.6 AMPS	208-1	(3#8+#10G) 1"C	*	---	---	CORD PLUG NEMA 14-50R
100P-2	AXIOM SINGLE COFFEE BREWER	16.7 AMPS	208-1	(3#10+#10G) 3/4"C	*	---	---	CORD PLUG NEMA 14-30R
100P-3	MULTI HOPPER COFFEE GRINDER	11 AMPS	120-1	(2#12+#12G) 1/2"C	*	---	---	CORD PLUG NEMA 5-20R
100A-1	HOT WINTER BEVERAGE MACHINE	21.7 AMPS	208-1	(3#10+#10G) 3/4"C	*	---	---	HARD WIRE NEMA 5-20R
116	ISLAND OASIS MACHINE	3.3 AMPS	120-1	(2#12+#12G) 1/2"C	*	---	---	CORD PLUG NEMA 5-20R
120F	UNDERCOUNTER REFRIGERATOR	5 AMPS	120-1	(2#12+#12G) 1/2"C	*	---	---	CORD PLUG NEMA 5-20R
200A	ICED COFFEE BREWER	19.7 AMPS	208-1	(2#12+#12G) 1/2"C	*	---	---	NEMA 14-20R
215-1F	ENCORE 2 OVEN	24 AMPS	208-1	(3#10+#10G) 3/4"C	*	---	---	CORD PLUG NEMA 8-30R
242	REFRIGERATOR W/ OVER SHELF	7.2 AMPS	120-1	(2#12+#12G) 1/2"C	*	---	---	CORD PLUG NEMA 5-20R
244A	DUAL SMART TOASTER	23.8 AMPS	208-1	(3#10+#10G) 3/4"C	*	---	---	CORD PLUG NEMA 8-30P
246A	HOT HOLD UNIT 4X3 UNIT	10.0 AMPS	120-1	(2#12+#12G) 3/4"C	*	---	---	CORD PLUG NEMA 5-20R
247-1	ASSEMBLY STATION	10.0 AMPS	120-1	(2#12+#12G) 3/4"C	*	---	---	CORD PLUG NEMA 5-20R
413	ICE MACHINE	16 AMPS	208-1	(3#10+#10G) 3/4"C	*	---	---	CORD PLUG NEMA 8-20R
538B	HYDROVECTION OVEN	38 AMPS	208-3	(3#8+#10G) 1"C	*	---	---	HARD WIRE NEMA 5-20R
12	FOUR PANEL DIGITAL MENU SYSTEM	12 AMPS	120-1	(2#12+#12G) 3/4"C	*	---	---	CORD PLUG NEMA 5-15R

- NOTES: \* SEE PANELBOARD SCHEDULES FOR CIRCUIT BREAKER SIZE
- CONTACT OWNER AND KITCHEN EQUIPMENT CONSULTANT FOR EQUIPMENT CUTSHEETS AND SPECIFICATIONS PRIOR TO ROUGH-IN.
  - NOT USED
  - COORDINATE EXACT CIRCUIT SIZE, REQUIREMENTS, AND CONNECTIONS WITH EQUIPMENT PROVIDED PRIOR TO INSTALL.

WILLIAM F. BELL

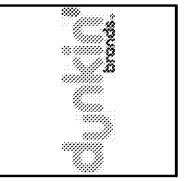
Engineer

TN REG. # 105518

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No.	Date	Description

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**E3.0**