

**KEYNOTES**

- 16.220 INSTALL PREFABRICATED ELECTRICAL DISTRIBUTION CENTER (EDC), EQUIPMENT AND INTERNAL WIRING ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE ENTIRE ASSEMBLY WILL ARRIVE COMPLETELY PRE-WIRED AND IS CERTIFIED BY A NATIONALLY RECOGNIZED TESTING LABORATORY FOR ITS INTENDED USE.
- 16.228 INSTALL RECEPTACLE IN PROVIDED DATA ENCLOSURE. COORDINATE LOCATION OF RECEPTACLE WITH ISD CABLE VENDOR. FINAL LOCATION TO BE DETERMINED BY CABLE AND TELECOM SERVICES.
- 16.232 AUTOMATIC DOOR OPERATOR. VERIFY LOCATION WITH MANUFACTURERS RECOMMENDATIONS PRIOR TO INSTALLATION. ALL CONDUIT AND WIRING SHALL BE CONCEALED AT MAIN ENTRANCE DOORS.
- 16.243 INSTALL MANUFACTURER FURNISHED JUNCTION BOX ABOVE DOOR HEADER FOR SECURITY CABLING. PROVIDE 1" CONDUIT (WITH PULL WIRE) FROM JUNCTION BOX TO STRUCTURE. TERMINATE AT BAR JOIST WITH BUSHING. COORDINATE INSTALLATION WITH MANUFACTURER'S REQUIREMENTS.
- 16.422 SMOKE DETECTOR. PROVIDE JUNCTION BOX WITH SINGLE GANG PLASTER RING, CENTERED ON DOOR AND MOUNTED TO UNSTRUCTURED CHANNEL MOUNTED TO BOTTOM SIDE OF TOP CHORD OF BAR JOIST OR ON CEILING. SMOKE DETECTOR. SMOKE DETECTOR BY OTHERS.
- 16.508 INSECT CONTROL. PROVIDE BROWN DEVICE AND MATCHING COVERPLATE AT +48".
- 16.510 EXHAUST HOOD. PROVIDE CONNECTION TO EXHAUST HOOD CONTROL PANEL PER MANUFACTURER'S WIRING DIAGRAM AND INTERLOCK TO SHUNT-TRIP BREAKERS. PROVIDE CONNECTION FROM EXHAUST HOOD TERMINAL STRIP TO EXHAUST FAN ON ROOF. PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT ABOVE ROOF OF SUFFICIENT LENGTH TO ALLOW HINGED FAN BASE TO OPEN TO VERTICAL POSITION FOR CLEANING.
- 16.513 ROLLSEAL DOOR CONTROLLER. SURFACE MOUNT FURNISHED CONTROLLER 12" BELOW FINISHED CEILING OR 12" BELOW TOP OF COOLER/FREEZER BOX IN AREAS OF EXPOSED STRUCTURE. CONNECT FURNISHED CORDS AND PLUGS BETWEEN ROLLSEAL DOOR EQUIPMENT PER MANUFACTURER'S WIRING DIAGRAMS.
- 16.514 ROLLSEAL DOOR SWITCHES. SURFACE MOUNT FURNISHED DOOR SWITCH +48". PROVIDE CONDUIT AND WIRE BETWEEN SWITCHES AND ROLLSEAL DOOR EQUIPMENT PER MANUFACTURER'S WIRING DIAGRAMS AND RECOMMENDATIONS.
- 16.603 PROVIDE RECESSED ALARM JUNCTION BOX (WITH VERTICAL RACEWAY) AT +88" WITH 4"x4"x1-1/2" EXTENSION RING (UNLESS NOTED OTHERWISE).
- 16.607 PROVIDE SURFACE MOUNTED ALARM JUNCTION BOX ABOVE CEILING WITHIN THREE FEET OF HOOD FIRE SUPPRESSION SYSTEM COMPARTMENT.
- 16.608 INSTALL FURNISHED ALARM JUNCTION BOX AT +88". PENETRATE CEILING WALL AND ROUTE VERTICAL RACEWAY UP EXTERIOR SIDE OF COOLER WALL TO STRUCTURE. MINIMIZE EXPOSED CONDUIT ROUTED INSIDE COOLER BOXES. COORDINATE EXACT LOCATION WITH FIRE ALARM INSTALLER PRIOR TO RUSH-IN.
- 16.610 PROVIDE SURFACE MOUNTED ALARM JUNCTION BOX (WITH VERTICAL RACEWAY) AT +88" (UNLESS NOTED OTHERWISE).
- 16.618 FIRE ALARM SACKGARD. PROVIDE 120V CONNECTIONS TO FIRE ALARM BACKBOARD EQUIPMENT AS REQUIRED BY BUILDING FIRE ALARM INSTALLER. COORDINATE EXACT PROMISSIONS WITH FIRE ALARM INSTALLER PRIOR TO RUSH-IN.
- 16.620 NEMA ENCLOSURE FOR INVENTORY MANAGEMENT SYSTEM AND CONDUIT PENETRATION INTO COOLER/FREEZER WALL PROVIDED BY OTHERS. PROVIDE 1" CONDUIT FROM FURNISHED ENCLOSURE TO STRUCTURE AND TERMINATE WITH BUSHING. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ISD CABLE VENDOR PRIOR TO INSTALLATION.
- 16.650 CONDUIT SLEEVE. PROVIDE 1-1/2" CONDUIT SLEEVE WITH BUSHINGS ABOVE BAR JOIST (UNLESS NOTED OTHERWISE).
- 16.658 CONDUIT SLEEVE. PROVIDE 2" CONDUIT (WITH PULL WIRE) FROM BAR JOIST TO PROVIDED DATA ENCLOSURE AND TERMINATE WITH COUPLER AND THREADED BUSHINGS. COORDINATE FINAL LOCATION WITH CABLE AND TELECOM SERVICES PRIOR TO INSTALLATION.
- 16.676 DATA AND PHONE CONDUITS. PROVIDE (3) 3" CONDUITS (WITH PULL WIRE) FROM ENCLOSURE UP TO BAR JOIST. TURN 90 DEGREES AND ROUTE TO THE TOP SIDE OF CABLE TRAY WITH THE CONDUIT CONNECTOR AND BUSHING. EXTENDING NO MORE THAN 1" OVER CABLE TRAY. TERMINATE WITH COUPLER AND THREADED BUSHINGS. COORDINATE FINAL LOCATION WITH CABLE AND TELECOM SERVICES PRIOR TO INSTALLATION.
- 16.680 REMOTE ALARM BACKBOARD CONDUITS. PROVIDE (1) 2" CONDUIT (WITH PULL WIRE) FROM TOP OF BACKBOARD TO TOP SIDE OF BOTTOM CHORD OF BAR JOIST. TURN HORIZONTAL AND ROUTE TO ACCESSIBLE SALES FLOOR SPACE. PROVIDE (1) 2" CONDUIT (WITH PULL WIRE) FROM TOP OF BACKBOARD TO 12" ABOVE CEILING OR BAR JOIST IN AREAS WITH NO CEILING. TERMINATE CONDUITS WITH BUSHINGS.
- 16.712 SURFACE MOUNT WP JUNCTION BOX ON WALL 24" BELOW COOLER/FREEZER BOX CEILING FOR CONDENSATE DRAIN HEAT TRACE TAPE. PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT CONNECTION TO HEAT TAPE.
- 16.715 JUNCTION BOX PROVIDED WITH COOLER/FREEZER PANEL FOR CONNECTION TO LIGHTS AND/OR DOOR HEATERS. PROVIDE WEATHERPROOF EXTENSION HOOD COVERPLATE FOR RECESSED JUNCTION BOXES AS REQUIRED. FINAL TERMINATIONS BY REFRIGERATION CONTRACTOR.
- 16.720 UTILIZE JUNCTION BOXES AND CHASE PROVIDED WITH CASE ASSEMBLY FOR INSTALLATION OF DEVICES AND WIRING. FURNISH AND INSTALL DEVICES AS SHOWN AND ROUTE WIRING IN CHASE.

NO.	DESCRIPTION	MANUFACTURER	MODEL	VOLT/PHASE	AMPS	TERMINATION	MTG. HT.	NOTES
GROCERY EQUIPMENT SCHEDULE								
BAKERY EQUIPMENT SCHEDULE								
B004	SCALE / LABELER			120V1	1.50 A	GFI DUPLEX, NEMA 5-20R	48"	
B004.1	SCALE / LABELER			120V1	1.25 A	WP GFI DUPLEX, NEMA 5-20R	0"	
B005D	FAN WASHER			480V3	40.00 A	3ØA DISCONNECT	60"	
B005DA	FAN WASHER CONTROLS			120V1	3.00 A	3ØA DISCONNECT	60"	
B007	BREAD SLICER			120V1	7.00 A	WP GFI DUPLEX, NEMA 5-20R	20"	
B020	SCANNER			120V1	1.00 A	GFI DUPLEX, NEMA 5-20R	48"	
B021	PRINTER			120V1	0.24 A	GFI DUPLEX, NEMA 5-20R	48"	
B026	AIR COMPRESSOR W/ AIRBRUSH			120V1	1.00 A	WP GFI DUPLEX, NEMA 5-20R	0"	
B033	ICING TABLE			208V1	7.50 A	WP RECEPTACLE, NEMA 6-15R	20"	
B049	FIRE-FRED DONUT PROCESSING SYSTEM			208V1	33.00 A	RECEPTACLE, PIN & SLEEVE #300RHW	20"	
B065G	RACK OVEN, DOUBLE (GAS)			208V0	4.40 A	JUNCTION BOX	96"	
B065GA	A CONTROLS			120V1	15.00 A	JUNCTION BOX	96"	
DELI EQUIPMENT SCHEDULE								
D004	SCALE / LABELER			120V1	1.50 A	GFI DUPLEX, NEMA 5-20R	48"	
D004.1	SCALE / LABELER			120V1	1.50 A	SIMPLEX RECEPT FURNISHED W/ CASE	0"	
D005	WRAPPER			120V1	8.00 A	GFI DUPLEX, NEMA 5-20R	48"	
D005.1	SLICER			120V1	3.50 A	GFI DUPLEX, NEMA 5-20R	48"	
D007B.1	SLICER			120V1	3.50 A	GFI DUPLEX RECEPT FURNISHED W/ CASE	0"	
D007B	MICROWAVE			120V1	13.20 A	GFI DUPLEX, NEMA 5-20R	48"	
D009C	20 WAT BBL			480V1	25.00 A	WP JUNCTION BOX	20"	4
D009C.1	24 WAT DELI FRYER			480V0	43.00 A	WP JUNCTION BOX	20"	4
D009F	ROTISSERIE			208V0	31.00 A	GFI DUPLEX, NEMA 15-50R	40"	4
D00GA	STACKED COMBI OVEN (BOTTOM)			480V0	56.50 A	WP JUNCTION BOX	12"	4
MEAT PREP EQUIPMENT SCHEDULE								
M004	SCALE / LABELER			120V1	1.50 A	GFI DUPLEX, NEMA 5-20R	48"	
PRODUCE EQUIPMENT SCHEDULE								
P004	SCALE / LABELER			120V1	1.50 A	GFI DUPLEX, NEMA 5-20R	48"	
P005	WRAPPER			120V1	8.00 A	GFI DUPLEX, NEMA 5-20R	48"	
REFRIGERATED AND HOT CASE SCHEDULE								
RH0101	HOT DELI SERVICE CASE	CUSTOM DELI	DLW-CD-SS-B	120/208V3	21.20 A	WP JUNCTION BOX	12"	
RH0121	HOT DELI SERVICE CASE	CUSTOM DELI	DLW-4	120/208V3	13.00 A	WP JUNCTION BOX	12"	
RH0123	MOBILE HOT CASE	CUSTOM DELI	DLW-3-H	120/208V1	21.50 A	CONNECTOR, NEMA L14-30C	48"	3

NOTE: REFERENCE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBERS NOT LISTED IN EQUIPMENT SCHEDULES

**3 BAKERY POWER PLAN**  
1/8" = 1'-0"

**4 REAR GROCERY HALLWAY POWER PLAN**  
1/8" = 1'-0"

**1 FRONT GROCERY POWER PLAN**  
1/4" = 1'-0"

**2 REAR GROCERY POWER PLAN**  
1/8" = 1'-0"

ALL CONDUITS INSTALLED ON TOP OF WALK-IN COOLERS AND FREEZERS SHALL BE A MINIMUM OF 6" FROM ANY EDGE TO ALLOW SPACE FOR EDGE PROTECTION RESTING. DO NOT ROUTE CONDUITS ABOVE THE CEILING GRID UNLESS CONDUITS ARE INSTALLED IN JOIST SPACE, REF ARCH

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ENLARGED GROCERY POWER PLANS

SHEET: **GE2**