



WP	Ⓢ	JUNCTION BOX
GF	Ⓢ	GROUND FAULT INTERRUPTING RECEPTACLE
IG	Ⓢ	ISOLATED GROUND RECEPTACLE
	Ⓢ	SPECIAL USE RECEPTACLE, VOLTAGE, PHASE AND AMAGE BASED ON LOAD SERVED. COORDINATE NEMA CONFIGURATION WITH EQUIPMENT REQUIREMENTS.
	Ⓢ	FLOOR STUD UP
	Ⓢ	DISCONNECT SWITCH-TYPE AS NOTED
	Ⓢ	ELECTRICAL CONNECTION UNDER CASE
	Ⓢ	ELECTRICAL DROP FROM OVERHEAD
	Ⓢ	EXISTING ELECTRICAL STUD-UP
	Ⓢ	REFRIGERATION CIRCUIT NUMBER
	Ⓢ	POWER POLE (SEE GENERAL NOTE #17)
	Ⓢ	SCALE SYSTEM DATA PORT (SEE SCALE SYSTEM NOTES)
	Ⓢ	ELECTRICAL CONNECTION UNDER CASE, REUSE EXISTING STUDS WHERE POSSIBLE. COORDINATE CONDUIT ROUTING WITH THE FOOD LION CONSTRUCTION SUPERVISOR

ADDED DEMAND FOR KITCHEN EQUIPMENT	
VOLTAGMS	EQUIPMENT
19,080	FRYER
11,160	CONVECTION OVEN
8,640	WING BAR
38,880	TOTAL
X.70	
27,216	D/B TOTAL ADDITION

1. EXISTING EQUIPMENT - RELOCATED, PROVIDE NEW CONNECTION AS REQUIRED AND EXTEND EXISTING CIRCUITS. FIELD VERIFY CONDITIONS AND EXTENT OF WORK.
2. SERVICE COLD DELI CASE RECEPTIONS, GFCI, WP, PROVIDED WITH CASE. COORDINATE REQUIREMENTS AND COORDINATE ROUTING WITH CASE INSTALLATION.
3. HOT-CASE-200V, 3P4L-31-2A
4. EXISTING PANEL SCHEDULE IS INCORRECT, RECONNECT CIRCUITS TO RELOCATED EQUIPMENT SHIFT EXISTING BREAKERS AS REQUIRED TO FIT NEW LOADS IN PANELS
5. RECEPTACLE AND COMMUNICATION CONNECTION FOR DELI MOUNTED IN CEILING TIE, COORDINATE EXACT LOCATION. CAT-5e COMMUNICATION CABLES TO BE PROVIDED BY OTHERS (MACRO)
6. ELECTRICAL-CONTRACTOR SHALL REPLACE SEAL-TIGHT-FLEXIBLE-CONDUIT-AND-FITTINGS-FOR-D/B-HOSE CONNECTIONS. IF TYPE-FLEX IS SPECIFIED, USE PROPER-MATERIAL-FITTINGS. IF EQUIPMENT TO BE RELOCATED AFTER REMOVAL, PROVIDE NEW CONDUIT AND FITTINGS.



PANEL: D

LOCATION: DELI/BAKERY AREA

FED FROM: MDP-2

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz

MAINS: 400 AMP ☒ MLO

AMP MAIN BREAKER

100% NEUTRAL BUS

☒ LOCK ON CIRCUIT

☐ SHUNT TRIP

MOUNTING: ☐ UNITIZED SWITCHGEAR

☒ FLUSH

☐ SURFACE

MINIMUM AIR RATING: 65 KA

DEVICE				BRANCH CIRCUIT				BRANCH CIRCUIT				DEVICE					
EMS LOAD	COND SIZE	WIRE SIZE	AMP TRIP	POLES	DESIGNATION	VOLT-AMPS	NO.	PHASE LOAD (VOLT-AMPS)			NO.	VOLT-AMPS	DESIGNATION	POLES	AMP TRIP	WIRE SIZE	COND SIZE
								A	B	C							
	-	12	15	3	RACK OVEN	600	1	3480			2	2880				10	
	-	12	12			600	3		3480		4	2880			3	10	1/2
	-	-	-	-		600	5			3480	6	2880			10		
	-	-	-	1	SHUNT TRIP SPACE	0	7	3720			8	3720			6		
	-	-	-	2		5676	9		9396		10	3720			6		
	1-1/4	2	60	3	BLUF-208 OPEN VAT FRYER	5676	11			9396	12	3720			3	40	6
	1-1/4	2	60	3	(208/3/60, 47.3 A, 170W)	5676	13	5676			14	0			1	-	1
	-	-	-	-	SHUNT TRIP SPACE	0	15		2000		16	2000			2	40	8
	-	-	-	-		4476	17			6476	18	2000			8		
4	4	6	50	3	FRYER	4476	19	4476			20	0			1	20	-
	-	-	-	-		4476	21	21	8316		22	3840			3	6	
	-	8	35	2	PROOFER BOX #1	1860	23		8316		5700	24	3840		3	40	6
	-	-	-	-		1860	25	5700			26	3840			6		1
	-	12	20	1	RETARDER	1200	27	1200			28	0			1	-	-
	-	12	20	1	RETARDER CONTROL	600	29			600	30	0			1	20	-
	-	-	-	-		3720	31	3720			32	0			1	20	-
4	1-1/4	4	40	3	HOT DELI CASE	3720	33		6220		34	2500			2	30	4
	-	-	-	-	(208/3/60, 31.2 AMPERES)	3720	35		6220		36	2500			4		
	-	12	20	1		3720	37	0			38	0			1	-	-
	-	12	20	1	RACK OVEN CONTROL	600	39		600		40	0			1	20	-
	-	12	20	1	PROOFER CONTROL	600	41		1200		42	600			1	20	-
TOTALS PER PHASE (W)								26772	31212	33072			TOTAL CONNECTED LOAD (VA)			91,056	

NOTES:

EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS

BOLD INDICATES NEW WORK

ELECTRICAL CONTRACTOR TO REMOVE ANY DOUBLE TERMINATIONS ON BREAKERS, REMOVE WIRE FROM ALL UNUSED BREAKERS AND LABEL AS SPARE, PANEL SCHEDULE

INCORRECT, COORD. EXACT WIRE SIZE AND BREAKER WITH EXISTING AND RELOCATED EQUIPMENT PRIOR TO WORK, MODIFY BREAKER LAYOUT AS REQUIRED FOR NEW EQUIPMENT

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LATER FOR FURTHER BREAKER INFORMATION D-34.35

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