



DO NOT SCALE DRAWINGS
CONTRACTOR TO VERIFY
ALL EXISTING CONDITIONS AND
DIMENSIONS-NOTIFY ARCHITECT
OF ANY DISCREPANCIES PRIOR
TO BEGINNING CONSTRUCTION



JULY 5TH, 2018
NO | REVISION

DEL TACO STORE - DT2017
4525 JIMMY LEE SMITH PARKWAY
HIRAM, GA 30141
PAULTON COUNTY
1ST PERMIT SUBMITTAL 05-18-18
1ST BID SUBMITTAL 07-05-18

PROJECT NUMBER
2180148

SHEET NAME

**ELECTRICAL
PANEL
SCHEDULES**

SHEET NUMBER
E302

DATE OF THIS PRINTING - 7/3/2018

PANELBOARD NOTES ()

- INSTALL LOCKING DEVICE (LOCK-OFF FOR MAINTENANCE). LOCKING DEVICE SHALL BE LISTED MANUFACTURER SHALL MATCH EXISTING PANELBOARD MANUFACTURER.
- INSTALL LOCKING DEVICE (LOCK-ON FOR CRITICAL LOAD).
- GFI BREAKER.
- REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
- EXISTING CIRCUIT TO REMAIN.
- ROUTE CIRCUIT THROUGH NEW CONTACTOR VIA TIMELOCK.
- PROVIDE INTERLOCK WIRING WITH EXHAUST HOOD ANSUL SYSTEM.
- HACR CIRCUIT BREAKER.
- PROVIDE HANDLE LOCK OFF DEVICE TO LOCK "SPARE" CIRCUIT BREAKER IN THE "OFF" POSITION. IF CIRCUIT BREAKER IS IDENTIFIED AS "EXISTING", FIELD VERIFY CIRCUIT BREAKER INDICATED IS NOT CONNECTED TO ANY LOAD AND UPDATE PANELBOARD CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPARE".
- PROVIDE HANDLE-TIE BETWEEN CIRCUIT BREAKERS SHARING COMMON NEUTRAL FOR SIMULTANEOUS TRIP.
- DO NOT INSTALL NEUTRAL FOR THIS CIRCUITRY.
- REFER TO RISER DIAGRAM FOR WIRE SIZE AND CONDUIT.

GENERAL NOTES:
1. PROVIDE NEUTRAL FOR ALL BRANCH CIRCUITRY UNLESS OTHERWISE CIRCUIT NOTED BY PANELBOARD NOTES.

PANELBOARD: MDP (EXISTING)
BUS AMPS: 800A
MAIN SIZE/TYPE: 800A MCB
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FAULT CURRENT: REFER TO ONE-LINE DIAGRAM
AIC RATING: N/A
SERVICES:
MOUNTING: SURFACE
LOCATION:

EQUIPMENT GROUND BUS

NOTE NO.	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	WIRE NO.	BKR AMP	P	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	NOTE NO.
			A	B	C							A	B	C			
	1	PNLBD K1	8,257	5,132	5,907	EX	200	3	200	EX		8,257	5,132	5,907	PNLBD LP1	2	
	7	PNLBD K2	13,436	13,320	10,361	EX	200	3	100	EX		11,040	23,540	19,400	PNLBD K3	8	
	13	RTU-1	5,764	5,764	5,764	EX	60	3	90	EX		6,647	6,647	6,647	RTU-3	14	
	19	RTU-2	5,764	5,764	5,764	EX	60	3	100			9,606	9,606	9,606	PANEL "K4"	20	4
	25	MUA / CU-2	2,568	2,568	2,568		10	30	3					SPACE	26		
SUBTOTAL			35,780	32,548	30,364							37,526	51,743	45,244			
TOTAL PHASE A - VA			73,315									LOAD	CONN. VA	DF	LOAD	CONN. VA	DF
AMPS			611									COOLING	1.00	REFRIGERATION	86,966	1.00	
TOTAL PHASE B - VA			84,291									HEATING	0	SIGN/DISPLAY	1.25		
AMPS			702									LIGHTING	12.634	KITCHEN	42,764	0.65	
TOTAL PHASE C - VA			75,968									RECEPTACLES	15,290	EXISTING	4,140	1.00	
AMPS			630									MOTORS	7,754	LARGE MOTOR	1.25		
TOTAL PNLBD - VA			233,214									SUPP HEAT	1.00	SHOW WINDOW	11,520	1.25	
AMPS			647									MISC EQUIP	52,126	LTG TRACK	1.00		
TOTAL DEMAND																	221,840 VA
																	615 A

PANELBOARD: K1 (EXISTING)
BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FAULT CURRENT: REFER TO ONE-LINE DIAGRAM
AIC RATING: REF 1-LINE
SERVICES:
MOUNTING: RECESSED
LOCATION:

EQUIPMENT GROUND BUS

NOTE NO.	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	WIRE NO.	BKR AMP	P	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	NOTE NO.
			A	B	C							A	B	C			
	1	EQ 15: AIR CURTAIN DRIVE THRU	840			12	20	1	2	20	12	1,352	1,352	EQ 24 FRY DUMP STATION	2		
	3	SPARE												SPACE	4	3.7.ST	
	5	EQ 36 TORTILLA TOASTER	2,309			10	30	2						SPACE	6		
	7	EQ 29 FRYER SYSTEM	2,309			1	20	12	1,464					EQ 29 FRYER SYSTEM	8	3.7.ST	
	9	SPARE												SPACE	10		
	11	EQ 28 UNDERCTR FREEZER				20	1	1	20	12		690		EQ 28 UNDERCTR FREEZER	12	3.7.ST	
	13	COOLER EVAP / FREEZER LIGHT	480			EX	20	1						SPACE	14		
	15	EVAP COOLER		400		EX	15	1	1	20	12	460		EQ 30 REFRIGERATOR	16	3.7.ST	
	17	REFRIG/WATER FILTRATION		720		EX	20	1						SPACE	18		
	19	SPARE				20	1	1	20	12		600		EQ 45B TACO TIMER	20	3.7.ST	
	21	HEAT TRACE	1,000			EX	20	1						SPACE	22		
	23	HWH-1	1,000			EX	20	1	1	20	12	648		EQ 31A REFRIGERATED STAND	24	3.7.ST	
	25	HOOD LIGHTS	600			12	20	1						EQ 39 REFRIGERATED STAND	26		
	27	SMOKE DETECTOR				1	20	12				120		EQ 39 REFRIGERATED STAND	28	3.7.ST	
	29	ROOF TOP RECEPTACLES		540		EX	20	1						SPACE	30		
	31	EQ 14: AIR CURTAIN	612			12	20	1						SPACE	32		
	33	EQ 51: HAND HELD BEAN MIXER	1,800			12	20	1						SPACE	34		
	35	SPACE												SPACE	36		
	37	SPACE												SPACE	38		
	39	SPACE												SPACE	40		
	41	SPACE												SPACE	42		
SUBTOTAL			4,841	3,200	4,569							3,416	1,932	1,338			
TOTAL PHASE A - VA			8,257									LOAD	CONN. VA	DF	LOAD	CONN. VA	DF
AMPS			69										COOLING	1.00	REFRIGERATION	1,798	1.00
TOTAL PHASE B - VA			5,132										HEATING	0	SIGN/DISPLAY	1.25	
AMPS			43										LIGHTING	600	KITCHEN	10,706	0.70
TOTAL PHASE C - VA			5,907										RECEPTACLES	1,005	EXISTING	4,140	1.00
AMPS			49										MOTORS	1,452	LARGE MOTOR	1.25	
TOTAL PNLBD - VA			19,296										SUPP HEAT	1.00	SHOW WINDOW	1.25	
AMPS			54										MISC EQUIP	600	LTG TRACK	1.00	
TOTAL DEMAND																	18,234 VA
																	45 A

PANELBOARD: K3 (EXISTING)
BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FAULT CURRENT: REFER TO ONE-LINE DIAGRAM
AIC RATING: 42000 FULLY RATED
SERVICES:
MOUNTING: RECESSED
LOCATION:

EQUIPMENT GROUND BUS

NOTE NO.	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	WIRE NO.	BKR AMP	P	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	NOTE NO.
			A	B	C							A	B	C			
	1	EQ 10: POS	1,920			12	20	1	12	20	12	200		DINING RM RECEPT	2		
	3	EQ 10: POS	1,920			12	20	1	1	20	12	200		EXHAUST PUMP	4		
	5	DINING RM RECEPT				540	20	1	1	20	12			DINING RM RECEPT	6		
	7	EQ E3: KDS MONITOR	1,880			12	20	1	1	20	12	200		EQ E6: COMM SYSTEM	8		
	9	EQ E3: KDS MONITOR	1,880			12	20	1	1	20	12	200		SPARE	10		
	11	EQ E3: KDS MONITOR	1,880			12	20	1	1	20	12	200		SPARE	12		
	13	EQ E3: KDS MONITOR	1,880			12	20	1	1	20	12	200		SPARE	14		
	15	EQ E3: KDS MONITOR	1,880			12	20	1	1	20	12	200		SPARE	16		
	17	EQ E1: CONV OUTLET	180			12	20	1	1	20	12	360	360	SRR LINE	18		
	19	EQ E2: GENERAL OUTLET	180			12	20	1	1	20	12	360	360	CO2 MONITOR	20		
	21	EQ E2: GENERAL OUTLET	180			12	20	1	1	20	12	360	360	HME POWER OUTLETS	22		
	23	EQ E2: GENERAL OUTLET	180			12	20	1	1	20	12	360	360	TELECOM POWER BOX	24		
	25	SMOKE DETECTOR	1,880			12	20	1	1	20	12	1,800	1,800	EQ E9: OFFICE EQUIPMENT	26		
	27	EQ E8: OFFICE GEN RECEPT	1,880			12	20	1	1	20	12	1,800	1,800	EQ E7: OFFICE EQUIPMENT	28		
	29	EQ E7: OFFICE EQUIPMENT	1,880			12	20	1	1	20	12	1,800	1,800	EQ E10: OFFICE EQUIPMENT	30		
	31	SPACE				200	20	1	1	20	12	360	360	EQ E5: OFFICE RECEPT	32		
	33	EQ E3: KDS MONITOR	1,880			12	20	1	1	20	12	360	360	TELEPHONE TERMINAL BOARD	34		
	35	IRRIGATION CONTROL	200			12	20	1	2	20	EX	180	180	GAS SOLENOID VALVE REC.	36	7.ST	
	37	EQ E3: KDS MONITOR	1,880			12	20	1	1	20	12	200	200	UNIT HEATER	38		
	39	SPACE				20	1	1	30	EX		2,880	2,880	UNIT HEATER	40		
	41	SPACE				20	1	1	30	EX		2,880	2,880	UNIT HEATER	42		
SUBTOTAL			8,140	9,720	5,140							2,900	13,020	14,260			
TOTAL PHASE A - VA			11,040									LOAD	CONN. VA	DF	LOAD	CONN. VA	DF
AMPS			92										COOLING	1.00	REFRIGERATION	1.00	
TOTAL PHASE B - VA			23,640										HEATING	0	SIGN/DISPLAY	1.25	
AMPS			197										LIGHTING	1.25	KITCHEN	1.00	
TOTAL PHASE C - VA			19,400										RECEPTACLES	13,700	EXISTING	1.00	
AMPS			162										MOTORS	1.00	LARGE MOTOR	1.25	
TOTAL PNLBD - VA			54,080										SUPP HEAT	1.00	SHOW WINDOW	1.25	
AMPS			150										MISC EQUIP	40,380	LTG TRACK	1.00	
TOTAL DEMAND																	52,230 VA
																	145 A

PANELBOARD: K2 (EXISTING)
BUS AMPS: 200A
MAIN SIZE