RECEPTACLE SYMBOLS



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PROFESSIONAL OF RECORD: JASON E. CHRISTOFF No. 20012002143 EXP. DATE: 12/31/20

	REV	DESCRIPTION	DATE

62-40497-01 Project No.: Client Project No.:

Drawing Title:

ELECTRICAL SYMBOLS

Date:	12/22/20	Phase:	PERMIT SET
Designed:	DCU	Drawing No	ı.:
Drawn:	DCU	\Box	1
Checked:	KFF	E0.	

2SR2W

LOCAL AREA NETWORK

TWO SPEED REVERSING TWO WINDING

MOUNTING HEIGHTS:

UNLESS OTHERWISE INDICATED, OUTLET BOXES IN WALLS SHALL BE LOCATED WITH CENTERLINE AT THE FOLLOWING ELEVATIONS ABOVE THE FINISHED FLOOR LINE. VERIFY ALL HEIGHTS PRIOR TO ACTUAL LAYOUT OF WORK WITH THE GENERAL CONSTRUCTION CONTRACTOR.

SWITCH OUTLETS

2. BRACKET OUTLETS (OTHER)

3. RECEPTACLE OUTLETS (U.O.N.) 4. RECEPTACLE OUTLETS,

MECHANICAL ROOMS

RECEPTACLE OUTLETS MOUNTED,

ABOVE CASEWORK/CABINETS

12 INCHES BELOW CEILING

4 FEET

3 FEET

6 FEET-6 INCHES

1 FOOT-6 INCHES

4 FEET-6 INCHES

6 FEET-6 INCHES

4 INCHES ABOVE BACKSPLASH

6. CLOCK OUTLETS MOTOR STARTERS AND

8. PANELBOARDS (TOP)

MOUNTING HEIGHT NOTES:

7. SAFETY SWITCHES

1. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS OTHERWISE NOTED ON PLANS OR SPECIFICATIONS.

GENERAL NOTES:

1. PROVIDE EACH 120V, 20A BRANCH CIRCUIT FROM LIGHTING AND APPLIANCE PANELBOARDS WITH A SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR. NO SHARED NEUTRALS ARE PERMITTED UNLESS OTHERWISE INDICATED. BRANCH CIRCUIT HOME RUN WIRING MAY BE COMBINED UP TO MAXIMUM OF (6) CURRENT CARRYING CONDUCTORS IN A CONDUIT SIZED PER NFPA 70.

2. THESE ARE STANDARD COVER SHEET ABBREVIATION LISTS AND SYMBOLS. DISREGARD UNUSED ABBREVIATIONS AND SYMBOLS.

3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR

LUMINAIRE LOCATIONS.

4. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF LUMINAIRES WITH OTHER TRADES.

5. FOR LOCATION OF MECHANICAL EQUIPMENT, REFER TO MECHANICAL PLANS.

6. A '+' BESIDE A DEVICE INDICATES MOUNTED ABOVE CASEWORK OR COUNTER. A 'UC' BESIDE A DEVICE INDICATES MOUNTED UNDER COUNTER.

7. PROVIDE # 10 AWG PHASE, NEUTRAL, AND GROUND CONDUCTORS FOR 120 VOLT, 20 AMPERE BRANCH CIRCUITS EXCEEDING 100 FEET.

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REV	DESCRIPTION	DATE

Project No.: 62-40497-01 Client Project No.:

Drawing Title:

Checked: KFF

ELECTRICAL ABBREVIATIONS AND SCHEDULES

Phase: PERMIT SET Date: 12/22/20 Designed: DCU Drawing No.: Drawn: DCU E0.2

KEYNOTES

D. SIGNAGE TO BE INSTALLED BY SIGN CONTRACTOR. VERIFY EXACT LOCATIONS, LOADS, AND WIRING REQUIREMENTS PRIOR TO INSTALLATION.

E. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRING, AND CONNECTIONS FOR SIGNAGE AND PARKING LOT LIGHTS. COORDINATE EXACT LOCATIONS.

F. ELECTRICAL CONTRACTOR SHALL VERIFY ALL REQUIREMENTS WITH SITE CONTRACTOR.

G. UNDERGROUND CONDUIT INSTALLATIONS SHALL COMPLY WITH NEC ARTICLE 300.5. UNLESS OTHERWISE NOTED, MINIMUM SIZE FOR CONDUIT SHALL BE 1".

H. EXTERIOR LIGHTING AND SIGN LIGHTING SHALL BE CONTROLLED VIA TIME CLOCK AND PHOTOCELL. REFER TO SHEET E5.1 FOR LIGHTING CONTROL WIRING DIAGRAM.

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REV	DESCRIPTION	DATE

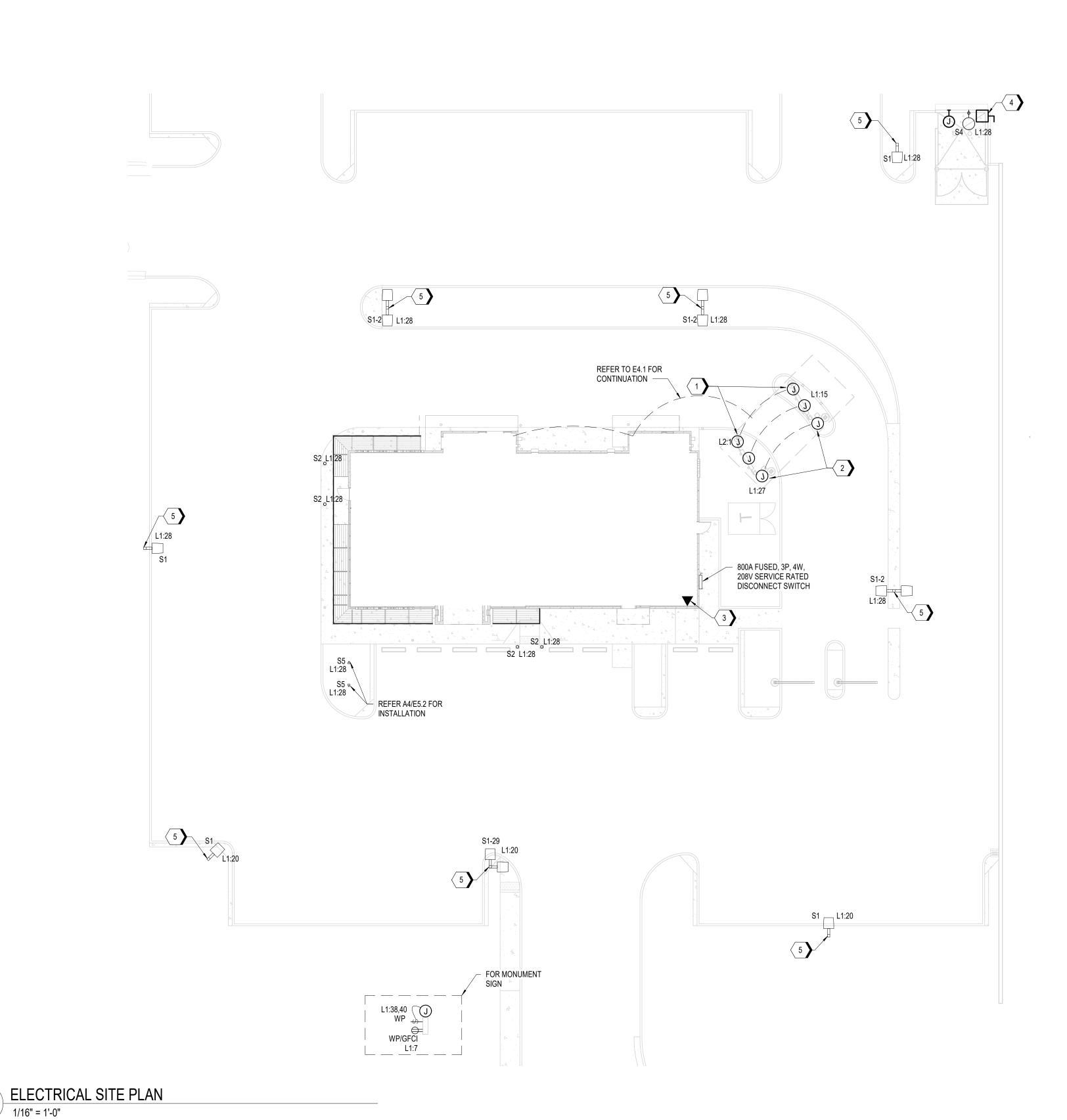
Project No.: 62-40497-01 Client Project No.:

Drawing Title:

ELECTRICAL SITE PLAN

Phase: PERMIT SET Date: 12/22/20 Designed: DCU Drawn: DCU

Checked: KFF



1 EXTERIOR MENU BOARD. PROVIDE 1"C FROM MENU BOARD TO PANEL 'L2' AND PROVIDE 1" SPARE CONDUIT. 1" CABLE ELECTRIC SERVICE FOR VEHICLE DETECTOR, AUDIO, AND VIDEO TO BACK OF DRIVE THRU WINDOW

TELEPHONE SERVICE IN 2" UNDERGROUND CONDUIT. ROUTE LINE TO BUILDING AT THIS LOCATION. COORDINATE TELEPHONE SERVICE WITH UTILITY.

4 TRASH COMPACTOR. PROVIDE 30A/240V/3P/NF/NEMA 3R DISCONNECT SWITCH WITH 3#10, #10 GND, IN 1"C TO PANEL 'MDP'. STUB UP AGAINST SERVICE YARD WALL.

PROVIDE 3/4" CONDUIT WITH PULL STRING FROM LIGHT POLE BACK TO BUILDING FOR CAMERAS AND ACCESS POINTS. COORDINATE WITH OWNER REPRESENTATIVE FOR ADDITIONAL REQUIREMENTS.

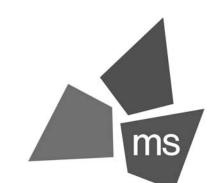
(6.6) (6.7)

GENERAL NOTES

- A. REFER TO SHEET E0.1 AND E0.2 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
- B. DINING ROOM LIGHTING PLAN CORRESPONDS TO REFLECTED CEILING PLAN, SHEET A1.3. ELECTRICAL CONTRACTOR SHALL REFER TO THE PLANS PROVIDED BY INTERIOR DECOR.
- C. ALL LIGHTING FIXTURES SHALL BE SWITCHED LOCALLY, CONTROLLED BY OCCUPANCY SENSOR OR BMS CONTROLLED UNLESS OTHERWISE NOTED.
- D. SPECIAL SWITCHES SHALL BE INSTALLED AS NOTED.
- . REFER TO ARCHITECTURAL CEILING PLAN, SHEET A1.3 FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES AND HVAC DIFFUSER LOCATIONS PRIOR TO ANY ELECTRICAL ROUGH-IN.
- COORDINATE EXACT LOCATION OF J-BOXES WITH ACTUAL LOCATION OF RESPECTIVE SIGNAGE OR LIGHTING. ALL EXTERIOR SIGNAGE AND LIGHTING SHALL BE CONTROLLED THROUGH A LIGHTING CONTROL PANEL. LIGHTING CONTROL PANEL SHALL HAVE AN 8-POLE, NORMALLY OPEN CONTACTOR. ALL WHATABURGER LOGO BUILDING SIGNS CONNECTED TO OUTDOOR SIGNAGE TERMINALS, SOFFIT RECESSED FIXTURES, AND BACK DOOR LIGHTING ARE CONNECTED TO OUTDOOR LIGHTING TERMINALS.
- G. REFER TO SHEET E1.1 FOR LOCATIONS OF SIGNAGE, PARKING LOT LIGHTING, DRIVE THRU CONDUITS AND SERVICE LOCATION.
- H. ELECTRICAL CONTRACTOR SHALL DETERMINE FINAL CONDUCTOR LENGTHS AND SIZES AS PER N.E.C. SIZE OF CONDUCTORS SHALL BE ADJUSTED FOR VOLTAGE DROP AS REQUIRED BY N.E.C.
- ALL PENETRATIONS THROUGH THE WALK IN COOLER/FREEZER ARE TO BE SEALED WITH SILICONE AROUND THE INTERIOR AND EXTERIOR OF THE CONDUITS TO PREVENT CONDENSATION.
- ELECTRICAL CONTRACTOR SHALL FEED SIGNAGE AND SECURITY LIGHTING WITH SEPERATE CIRCUITS ON ANY COMMON CONDUIT RUN. FOR EXAMPLE, DO NOT FEED A POLE TOP SECURITY LIGHT IN THE SAME CIRCUIT WITH THE LARGE SIGN. SEPERATE ALL SIGNAGE AND SECURITY LIGHTING.
- . REFER TO ARCHITECTURAL ELEVATIONS FOR BUILDING SIGN LOCATIONS. COORDINATE ALL J-BOX LOCATIONS WITH SIGN LOCATIONS PRIOR TO INSTALLATION.
- REFER TO SHEET E6.1 FOR LIGHT FIXTURE SCHEDULE.

KEYNOTES

- PROVIDE GRAPHIC LIGHTING CONTROL SCENE SELECTOR SWITCH TO CONTROL SWITCH LEGS "a-e". 2 COORDINATE EXACT LOCATION OF JUNCTION BOX FOR EXTERIOR SIGNAGE WITH ACTUAL LOCATION OF
- EXTERIOR SIGNAGE. PROVIDE SWITCH FOR SIGNAGE IN WEATHER PROOF ENCLOSURE. CEILING/WALL MOUNTED OCCUPANCY SENSOR TO CONTROL LIGHTING WITHIN THIS SPACE WITH A MAXIMUM
- DELAY SETTING OF 30 MINUTES. REFER TO VIEW 01 ON SHEET 46.8 FOR TYPE F DETAIL.
- EM STEP LIGHT SHALL BE WIRED ONLY AS AN EMERGENCY LIGHT TO BE ENERGIZED UPON POWER FAILURE. MOUNT FIXTURE A MINIMUM OF 8" ABOVE FINISHED GRADE AND 8" FROM DOOR.



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	I	
REV	DESCRIPTION	DATE
1	REV-1 Plan Review	01/27/21

62-40497-01 Project No.: Client Project No.:

Drawing Title:

ELECTRICAL LIGHTING PLAN -FIRST FLOOR

Phase: PERMIT SET Date: 12/22/20 Designed: DCU Drawn: DCU

Checked: KFF

ELECTRICAL LIGHTING PLAN

GENERAL NOTES

A. REFER TO SHEET E0.1 AND E0.2 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.

B. VERIFY ALL POWER AND TELEPHONE COMPANY REQUIREMENTS PRIOR TO ALL INSTALLATIONS.

C. LEAVE A PULL WIRE IN ALL EMPTY CONDUITS.

D. ELECTRICAL CONTRACTOR SHALL ROUTE UNDERFLOOR POWER WIRING IN CONDUITS TO KITCHEN PANELS AS REQUIRED.

E. ELECTRICAL KITCHEN EQUIPMENT SCHEDULE IS ONLY SHOWN FOR REFERENCE. COORDINATE ALL KITCHEN RECEPTACLES, EQUIPMENT CONNECTIONS, AND INSTALLATION WITH KITCHEN DRAWINGS AND EQUIPMENT SUPPLIER. REFER TO EQUIPMENT SUPPLIER DRAWINGS FOR PRE-WIRED KITCHEN PANELS AND FOR ADDITIONAL EQUIPMENT LISTING AND REQUIREMENTS.

F. PANELS SHALL NOT TAKE MORE SPACE THAN ALLOCATIED ON PLANS. ONLY SPACES FOR BREAKERS SHALL HAVE KNOCKOUTS IN PANELS. BREAKER CLOSURE PLATES SHALL BE KEPT TO A MINIMUM.

6. ELECTRICAL CONTRACTOR SHALL CONNECT ALL INTERNAL WIRING (CORD SETS) BETWEEN VENTILATION STAND AND PASS-THROUGH STAND. CONNECTIONS SHALL BE COMPLETE AND TESTED BEFORE ACCEPTANCE.

H. CENTER ISLAND KITCHEN EQUIPMENT IS PROVIDED PREWIRED TO EQUIPMENT CONTRACTORS.

I. ALL JUNCTION BOXES SERVING ISOLATED GROUND RECEPTACLES, SHALL BE LABELED "REGISTER."

J. ALL ISOLATED GROUND SPLICES SHALL BE MADE WITH CRIMP TYPE CONNECTORS. WIRE NUTS ARE NOT ACCEPTABLE.

K. REFER TO KITCHEN EQUIPMENT PLANS FOR EXACT LOCATION OF ELEC. CONDUIT STUB-UPS AT COOK LINES.

L. ALL KITCHEN 115 AND 120 VAC RECEPTACLES SHALL BE GFCI PROTECTED PER NEC AND LOCAL AHJ.

M. REFER TO SHEET E6.1 FOR KITCHEN EQUIPMENT SCHEDULE.

KEYNOTES

1 FIRE ALARM ANNUNCIATOR PANEL. REFER TO FIRE ALARM DRAWINGS FOR FURTHER INFORMATION.
2 FIRE ALARM CONTROL PANEL. REFER TO FIRE ALARM DRAWINGS FOR FURTHER INFORMATION.

3 PROVIDE CEILING MOUNTED JUNCTION BOX FOR SECURITY. PROVIDE 3/4" CONDUIT WITH NYLON PULL STRING FROM ELECTRICAL PANEL AREA TO JUNCTION BOX.

PROVIDE STEP-DOWN TRANSFORMER FOR FLUSH VALVES.
PROVIDE WALL MOUNTED, GASKETED JUNCTION BOX MOUNTED 9'-0" ABOVE GRADE FOR SECURITY. PROVIDE

3/4" CONDUIT WITH NYLON PULL STRING FROM ELECTRICAL PANEL AREA TO JUNCTION BOX.

6 PROVIDE CEILING MOUNTED, GASKETED JUNCTION BOX FOR SECURITY. PROVIDE 3/4" CONDUIT WITH NYLON PULL STRING FROM ELECTRICAL PANEL AREA TO JUNCTION BOX.

PROVIDE CEILING MOUNTED, GASKETED JONCTION BOX FOR SECURITY. PROVIDE 3/4 CONDUIT WITH NYLON PULL STRING FROM ELECTRICAL PANEL AREA TO JUNCTION BOX.

PROVIDE BELL AND BUZZER WITH STAINLESS STEEL COVER PLATE. PROVIDE 120/24V CONTROL TRANSFORMER. EDWARDS #156G-3G5/592/620.

8 PROVIDE CO2 DETECTION SYSTEM (EQUAL TO LOGICO2, CO2 MK9 DETECTOR SET 4 A) AND ASSOCIATED GFI RECEPTACLE. INSTALL SYSTEM PER MANUFACTURER RECOMMENDATIONS, AND LOCAL AND FEDERAL CODE REQUIREMENTS.



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REV	DESCRIPTION	DATE
1	REV-1 Plan Review	01/27/21

Project No.: 62-40497-01

Client Project No.:

Drawing Title:

ELECTRICAL POWER PLAN

Date: 12/22/20 Phase: PERMIT SET

Designed: DCU Drawing No.:

Drawn: DCU
Checked: KFF

E3.

ELECTRICAL POWER PLAN

GENERAL NOTES

A. REFER TO SHEET E0.1 AND E0.2 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.

B. VERIFY ALL POWER AND TELEPHONE COMPANY REQUIREMENTS PRIOR TO ALL INSTALLATIONS.

C. LEAVE A PULL WIRE IN ALL EMPTY CONDUITS.

D. ELECTRICAL CONTRACTOR SHALL ROUTE UNDERFLOOR POWER WIRING IN CONDUITS TO KITCHEN PANELS

ELECTRICAL KITCHEN EQUIPMENT SCHEDULE IS ONLY SHOWN FOR REFERENCE. COORDINATE ALL KITCHEN RECEPTACLES, EQUIPMENT CONNECTIONS, AND INSTALLATION WITH KITCHEN DRAWINGS AND EQUIPMENT SUPPLIER. REFER TO EQUIPMENT SUPPLIER DRAWINGS FOR PRE-WIRED KITCHEN PANELS AND FOR ADDITIONAL EQUIPMENT LISTING AND REQUIREMENTS.

PANELS SHALL NOT TAKE MORE SPACE THAN ALLOCATIED ON PLANS. ONLY SPACES FOR BREAKERS SHALL HAVE KNOCKOUTS IN PANELS. BREAKER CLOSURE PLATES SHALL BE KEPT TO A MINIMUM.

3. ELECTRICAL CONTRACTOR SHALL CONNECT ALL INTERNAL WIRING (CORD SETS) BETWEEN VENTILATION STAND AND PASS-THROUGH STAND. CONNECTIONS SHALL BE COMPLETE AND TESTED BEFORE ACCEPTANCE.

H. CENTER ISLAND KITCHEN EQUIPMENT IS PROVIDED PREWIRED TO EQUIPMENT CONTRACTORS.

I. ALL JUNCTION BOXES SERVING ISOLATED GROUND RECEPTACLES, SHALL BE LABELED "REGISTER."

J. ALL ISOLATED GROUND SPLICES SHALL BE MADE WITH CRIMP TYPE CONNECTORS. WIRE NUTS ARE NOT

K. REFER TO KITCHEN EQUIPMENT PLANS FOR EXACT LOCATION OF ELEC. CONDUIT STUB-UPS AT COOK LINES.

L. ALL KITCHEN 115 AND 120 VAC RECEPTACLES SHALL BE GFCI PROTECTED PER NEC AND LOCAL AHJ.

M. REFER TO SHEET E6.1 FOR KITCHEN EQUIPMENT SCHEDULE.

KEYNOTES

1 PROVIDE WEATHER PROOF ENCLOSURE FOR ROOF LIGHTING AND SWITCH.



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0 2 BURGER SUMMIT WHAT,

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REV	DESCRIPTION	DATE

62-40497-01 Project No.: Client Project No.:

Drawing Title:

ELECTRICAL POWER PLAN -ROOF

Phase: PERMIT SET Date: 12/22/20 Designed: DCU Drawing No.: Drawn: DCU

Checked: KFF

E3.2

ELECTRICAL POWER PLAN - ROOF

GENERAL NOTES

A. REFER TO SHEET E0.1 AND E0.2 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.

B. VERIFY ALL POWER AND TELEPHONE COMPANY REQUIREMENTS PRIOR TO ALL INSTALLATIONS.

C. LEAVE A PULL WIRE IN ALL EMPTY CONDUITS.

D. ELECTRICAL CONTRACTOR SHALL ROUTE UNDERFLOOR POWER WIRING IN CONDUITS TO KITCHEN PANELS AS REQUIRED.

ELECTRICAL KITCHEN EQUIPMENT SCHEDULE IS ONLY SHOWN FOR REFERENCE. COORDINATE ALL KITCHEN RECEPTACLES, EQUIPMENT CONNECTIONS, AND INSTALLATION WITH KITCHEN DRAWINGS AND EQUIPMENT SUPPLIER. REFER TO EQUIPMENT SUPPLIER DRAWINGS FOR PRE-WIRED KITCHEN PANELS AND FOR ADDITIONAL EQUIPMENT LISTING AND REQUIREMENTS.

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6. ELECTRICAL CONTRACTOR SHALL CONNECT ALL INTERNAL WIRING (CORD SETS) BETWEEN VENTILATION STAND AND PASS-THROUGH STAND. CONNECTIONS SHALL BE COMPLETE AND TESTED BEFORE ACCEPTANCE.

H. CENTER ISLAND KITCHEN EQUIPMENT IS PROVIDED PREWIRED TO EQUIPMENT CONTRACTORS.

I. ALL JUNCTION BOXES SERVING ISOLATED GROUND RECEPTACLES, SHALL BE LABELED "REGISTER."

J. ALL ISOLATED GROUND SPLICES SHALL BE MADE WITH CRIMP TYPE CONNECTORS. WIRE NUTS ARE NOT

K. REFER TO KITCHEN EQUIPMENT PLANS FOR EXACT LOCATION OF ELEC. CONDUIT STUB-UPS AT COOK LINES.

L. ALL KITCHEN 115 AND 120 VAC RECEPTACLES SHALL BE GFCI PROTECTED PER NEC AND LOCAL AHJ.

M. REFER TO SHEET E6.1 FOR KITCHEN EQUIPMENT SCHEDULE.

KEYNOTES

PROVIDE CEILING MOUNTED JUNCTION BOX FOR SECURITY. PROVIDE 3/4" CONDUIT WITH NYLON PULL STRING FROM ELECTRICAL PANEL AREA TO JUNCTION BOX.

PROVIDE JUNCTION BOX FOR POWER CONNECTION TO DRIVE-THRU WINDOW. COORDINATE WITH KITCHEN

EQUIPMENT DRAWINGS FOR EXACT LOCATION AND CONNECTION REQUIREMNETS.

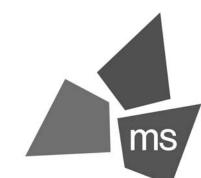
PROVIDE 3/4" UNDERGROUND CONDUIT FOR POWER TO ANSUL FIRE SUPRESSION SYSTEM. PRE-WIRED KITCHEN ELECTRICAL PANELS FURNISHED BY EQUIPMENT SUPPLIER. ACTUAL LOCATION DETERMINED BY EQUIPMENT SUPPLIER AND SHOWN FOR REFERENCE ONLY. REFER TO KITCHEN EQUIPMENT

SUPPLIER FOR ALL INSTALLATION/CONNECTION REQUIREMENTS. INSTALL RACO #294 4" OCTAGON BOX MOUNTED FLUSH IN WALL 48" ABOVE FINISHED FLOOR WITH 1/2" CONDUIT ROUTED TO ABOVE CEILING WITH PULLWIRE FOR ANSUL PULLSTATION.

STUB UP 3/4" PVC 88" ABOVE FINISHED FLOOR FOR LOW VOLTAGE FOR DRIVE-THRU SENSOR. REFER TO

SHEET E1.1 FOR CONTINUATION.

REFER TO KITCHEN EQUIPMENT SUPPLIER FOR TIME CLOCK AND LOCAL DISCONNECTING MEANS IN FREEZER/COOLER.



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REV	DESCRIPTION	DATE

62-40497-01 Project No.: Client Project No.:

Drawing Title:

ELECTRICAL ENLARGED **PLANS**

Date:	12/22/20	Phase:	PERMIT SET
Designed:	DCU	Drawing No). <i>:</i>
Drawn :	DCU		1

Checked: KFF

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ENLARGED FLOOR PLAN - KITCHEN

1 FURNISED BY KITCHEN EQUIPMENT SUPPLIER, COORDINATE WITH SUPPLIER FOR FINAL LOCATIONS. CIRCUITS ARE PREWIRED TO EQUIPMENT, FEEDERS BY CONTRACTOR, COORDINATE AND RESIZE WHERE REQUIRED.
 2 GROUNDING SHALL BE PER NEC. FURNISH AND INSTALL 3/4"X10'-0' GROUND ROD AT A CONCRETE ENCASED

2 GROUNDING SHALL BE PER NEC. FURNISH AND INSTALL 3/4"X10'-0' GROUND ROD AT A CONCRETE ENCASED ELECTRODE. CONNECT THE BUILDING SERVICE GROUND TO THE GROUND ROD, ENCASED ELECTRODE AND DOMESTIC COLD WATER PIPING WITH BARE #3/0 COPPER CONDUCTOR. BONDING SHALL BE PER NEC. REFER TO C3/E5.2.

3 4#1/0, #6 GND, IN 2"C.

4 3#6, #10 GND, IN 1"C. 5 4#6, #10 GND, IN 1"C.

6 4#4/0, #4 GND, IN 2-1/2"C.

7 (2 SETS) 4-600 kCMIL, #1/0 GND, IN EACH 3-1/2"C.
8 PROVIDE ISOLATION TRANSFORMER. SUSPEND TRANSFORMER FROM STRUCTURE. REFER TO DETAIL B1/E5.2

9 2#12, #12 GND, IN 3/4"C.10 #8 GROUNDING ELECTRODE CONDUCTOR.

11 PROVIDE DIGITAL LCD kWh DEMAND METER.

PROVIDE 240 KA SURGE PROTECTIVE DEVICE.
 PROVIDE MODULAR PANELBOARD SYSTEM (SQUARE D CATALOG: MPS) FOR PANELS MDP, L1, AND L2.

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ABURGER 20-M SUMMIT

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12/22/20
PROFESSIONAL OF RECORD:
JASON E. CHRISTOFF No. 20012002143
EXP. DATE: 12/31/20

REV	DESCRIPTION	DATE

Project No.: 62-40497-01

Client Project No.:

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Drawing Title:

ELECTRICAL DIAGRAMS

Date:12/22/20Phase:PERMIT SETDesigned:DCUDrawing No.:Drawn:DCUE5.1

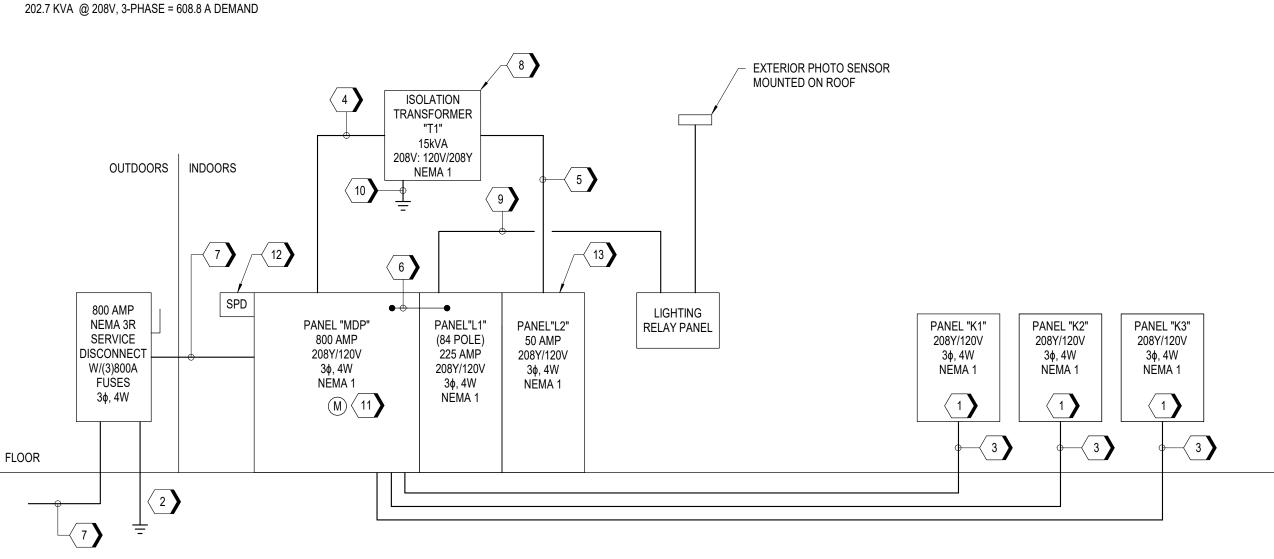
ELECTRICAL SERVICE DEMAND LOAD ANALYSIS
NEC 220.88 - NEW RESTURANT LOAD CALCULATION
TOTAL CONNECTED: 385.5 KVA

SYSTEM VOLTAGE: 208Y/120V, 3-PHASE, 4-WIRE+GND

TABLE 220.88 (ALL ELECTRIC LOADS)
326 KVA - 800 KVA: 50% * (TOTAL CONNECTED - 325 KVA) + 172.5 KVA

50%*(418.7-325)+172.5 = 219.3 KVA

202 7 1/14 @ 2001/ 2 DIAGE - CO2 A DEM



NOTICE TO CONTRACTOR:
PROVIDE COORDINATION AND ARCFLASH LABELS IN ACCORDANCE WITH NEC 240.87.

A3 SINGLE LINE DIAGRAM

LIGHTING RELAY PANEL DIAGRAM

TRANSFORMER SUSPENSION DETAIL

GROUND BUS #2/0 GROUND AND NEUTRAL - NEUTRAL BUS BONDING JUMPER 4 2 - MINIMUM 4" OF CONCRETE ENCASEMENT PER N.E.C.

SERVICE ENTRANCE GROUNDING DETAIL

1" CONDUIT STUB UP TWIST LOCK DUPLEX RECEPTACLE - 1/4" HOLES (TYP.)

MONITOR CHASE DETAIL

KEYNOTES 1 1/2" DIAMETER THREADED STEEL ROD SUPPORT FROM STRUCTURE ABOVE. 2 ANGLE IRON SUPPORT 3" x 3" TO REQ'D. LENGTH TO SUIT. 3 TRANSFORMER BASE CHANNEL. 4 1/2" DIAMETER NUT, BOLT & WASHER 4 REQUIRED. 5 1/2" DIAMETER NUT, LOCKNUT & LOCKWASHER 4 REQUIRED. 6 SECONDARY CONNECTION DETAIL, PRIMARY - SIMILAR. 7 GROUND CONNECTOR. 8 VIBRATION ELIMINATOR 4 REQUIRED. 9 RIGID CONDUIT. 10 COMBINATION COUPLING. 11 LIQUID TIGHT FLEXIBLE METAL CONDUIT 18" MIN. 12 EXTERNAL COPPER BONDING WIRE. 13 NAMEPLATE-CONNECTION DIAGRAM. 14 TRANSFORMER. 15 BOTTOM OF SUPPORT OR ANY DEVICE SHALL NOT BE LESS THAN 7'-0" ABOVE FINISHED FLOOR. 16 PROVIDE MISCELLANEOUS STEEL SPAN TO THE NEXT JOIST AS REQ'D. TO CONN. TO STRUCTURE. SUBMIT

SERVICE GROUNDING NOTES:

CONNECTED TO BUILDING STRUCTURAL STEEL.

METAL PIPE GROUND CLAMP.

TELEPHONE TERMINAL BACKBOARD.

CONNECTED TO COPPER CLAD STEEL GROUND ROD

PROVIDE 1#3/0 GROUNDING ELECTRODE CONDUCTOR IN 1" CONDUIT,

PROVIDE 1#3/0 GROUNDING ELECTRODE CONDUCTOR IN 1" CONDUIT,

PROVIDE A 3/4" DIAMETER X 10'-0" LONG COPPER CLAD STEEL GROUND ROD AND CONNECT TO COLD WATER LINE FOR SERVICE ENTRANCE

PROVIDE 1#3/0 CONCRETE ENCASED GROUNDING ELECTRODE WITH A MINIMUM LENGTH OF 20'-0".

PROVIDE 1#3/0 GROUNDING ELECTRODE CONDUCTOR TO COLD WATER

1#6 EQUIPMENT GROUND CONDUCTOR IN 3/4" CONDUIT, CONNECTED TO

 FIXTURES SHALL BE AMED TILTED UP AT CENTER OF FLAG AT LOCATION SHOWN ON ELECTRICAL SITE PLAN

REFER TO ARCHITECTURE FOR FOOTING DETAIL

PROVIDE 1#3/0 GROUNDING ELECTRODE CONDUCTOR IN 1" CONDUIT

DETAIL FOR STRUCTURAL ENGINEER APPROVAL.



ms consultants, inc. engineers, architects, planners

2221 Schrock Road Columbus, Ohio 43229 p 614.898.7100 f 614.898.7570

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12/22/20 PROFESSIONAL OF RECORD: JASON E. CHRISTOFF No. 20012002143 EXP. DATE: 12/31/20

REV	DESCRIPTION	DATE

Project No.: 62-40497-01 Client Project No.:

Drawing Title:

ELECTRICAL DETAILS

Date:	12/22/20	Phase:	PERMIT
Designed:	DCU	Drawing No). <i>.</i> :
Drawn:	DCU		^
Checked:	R. ORTIZ	£5.	_

FOOT DETAIL

LIGHT FIXTURE BRACKET SECURED TO FLAG POLE THE FOOTING CONCRETE FOOTING FLOOD LIGHT WITH GALVANIZED BOLTS AND CONCRETE INSERTS WEATHERPROOF JUNCTION BOX AND COVER PLATE - 3/4" CHAMFER FINISHED GRADE 3/4" CONDUIT STUBBED UP IN FOOTING

FLAG POLE FLOOD LIGHT

FLAT SCREEN MONITOR

WALL MOUNTED HOT HOLD

WALL MOUNTED HOT HOLD

L5-20R/-

5-20R / 24"

5-20R / 24"

C:\B	
):58 PM	
021 3:40:58	

			LIGHTING FIXTU	JRE SCHE	DULE				
TYPE	MANUFACTURER	MODEL	DESCRIPTION	LAMP	VOLTAGE	LUMENS	WATTS	MOUNTING	COMMENTS
A	LITHONIA	2GTL 2 20L GZ10 LP840	2'X2' RECESSED TROFFER (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	2366	18	CEILING	
A2	LITHONIA	2GTL 2 48L GZ10 LP840 ABC	GASKETED 2'X2' RECESSED TROFFER (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	5112	42	CEILING	
A2E	LITHONIA	2GTL 2 48L GZ10 LP840 E10WLCP ABC	GASKETED 2'X2' RECESSED TROFFER WITH EMERGENCY BATTERY PACK (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	5112	42	CEILING	
AE	LITHONIA	2GTL 2 20L GZ10 LP840 E10WLCP	2'X2' RECESSED TROFFER WITH EMERGENCY BATTERY PACK (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	2366	18	CEILING	
В	LITHONIA	LDN4SQ 40/10 LS4AR LSS MVOLT GZ10	4" RECESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	877	11	CEILING	
B1	LITHONIA	LDN4SQ 40/15 LS4AR LSS MVOLT GZ10	4" RECESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	1268	18	CEILING	
С	LITHONIA	CLX L36 2250LM SEF FDL MVOLT GZ10 40K 80CRI	36" INDUSTRIAL STRIP (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	2101	16	SURFACE	
D	MARK	SL4L LOP 4FT FLP [TRIM] 80CRI 40K 600LMF MIN1 120 ZT	4' LINEAR RECESSED SLOT (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	2227	23	CEILING	
D1	MARK	SL4L LOP (LENGTH) FLP (TRIM) 80CR 40K 600LMF MIN 120 ZT (90DEG CORNERS)	LINEAR RECESSED SLOT, LENGTH AS INDICATED ON DRAWINGS (4000K-COLOR TEMPERATURE, 80 CRI)	LED	120 V	600/FT		CEILING	6-WATTS PER LINEAR FOOT
EM	COLE	L2156W-HO-2-J-B-EM	EMERGENCY STEP LIGHT WITH 90 MIN BATTERY BACKUP	LED	120 V		22	WALL	WIRE AS EM LIGHT ONLY
, F,	TARGETT	DURATAPE/\P66 PRAP-W	FLEXIBLE LINEAR LIGHT STRIP FOR CONTINUOUS CONSTANT COLOR.	__\LED _\	120 V	111VFT	λ	ÇEILING	4 WATTS PER LINEAR FOOT
S1	TECHLIGHT	CTL-N-35L-T3-1	POLE MOUNTED SINGLE HEAD LED TYPE 3 AREA FIXTURE (4000K COLOR TEMPERATURE).	LED	120 V	34781	249	POLE	FIXTURE MOUNTED AT 25'-0"
S1-2	TECHLIGHT	CTL-N-20L-T3-1	POLE MOUNTED DOUBLE HEAD 180 DEGREES LED TYPE 5 AREA FIXTURE (4000K COLOR TEMPERATURE).	LED	120 V	69484	442	POLE	2 FIXTURES AT 180 DEGREE ORIENTATION MOUNTED AT 25'-0"
S1-29	TECHLIGHT	CTL-N-35L-T5W-1	POLE MOUNTED DOUBLE HEAD 90 DEGREES LED TYPE 3 AREA FIXTURE (4000K COLOR TEMPERATURE).	LED	120 V	39950	294	POLE	2 FIXTURES AT 90 DEGREE ORIENTATION MOUNTED AT 25'-0"
S2	BEGA	99 777 SLV / 84/623 SLV	LED BOLLARD (4000K COLOR TEMPERATURE).	LED	120 V	768	34	BOLLARD	
S3	LITHONIA	DSCW1 10C 530 40K T3M MVOLT PE DDBXD	FAÇADE EXTERIOR WALL PACK.	LED	120 V	2010	19	WALL	WALL MOUNTED 12'-0" ABOVE GRADE
S4	LITHONIA	TWS LED P1 50K MVOLT PE DDB	EXTERIOR WALL PACK.	LED	120 V	2010	18	WALL	TOP OF FIXTURE, WALL MOUNTED 1'-0" BELOW SCREEN WALL
S5	LITHONIA	OLBF 8 30K DDB	LED FLAG POLE BULLET FLOOD LIGHT	LED	120 V	592	11	FLOOD	
S6	LITHÓNIA	LØN4 40/15 LO4AR LSS MVOLT-GZ10	4" RESESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	15,16	18	CEILING	
S6E	LITHONIA	LDN4 40/15 LO4AR LSS MVOLT GZ10 EL	4" RECESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR WITH 90 MINUTE REMOTE BATTERY PACK (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	1516	18	CEILING	REMOTE BATTERY PACK PS1055CPFMC
X	LITHONIA	\ \ LRP 1 RC 120/277 EL N \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	EXIT SIGN A A A A A A	, \ LED	120 V	. 5	人 2	CEILING	

	7422	LITTION	20122 102 0210 21 010 21011201 7150	TEMPERATURE, 80 CRI)		120 0	0112	'-	OLILIITO		1
	AE	LITHONIA	2GTL 2 20L GZ10 LP840 E10WLCP	2'X2' RECESSED TROFFER WITH EMERGENCY BATTERY PACK (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	2366	18	CEILING		1
	В	LITHONIA	LDN4SQ 40/10 LS4AR LSS MVOLT GZ10	4" RECESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	877	11	CEILING		
	B1	LITHONIA	LDN4SQ 40/15 LS4AR LSS MVOLT GZ10	4" RECESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	1268	18	CEILING		
	С	LITHONIA	CLX L36 2250LM SEF FDL MVOLT GZ10 40K 80CRI	36" INDUSTRIAL STRIP (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	2101	16	SURFACE		
	D	MARK	SL4L LOP 4FT FLP [TRIM] 80CRI 40K 600LMF MIN1 120 ZT	4' LINEAR RECESSED SLOT (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	2227	23	CEILING		
	D1	MARK	SL4L LOP (LENGTH) FLP (TRIM) 80CRI 40K 600LMF MIN1 120 ZT (90DEG CORNERS)	LINEAR RECESSED SLOT, LENGTHAS INDICATED ON DRAWINGS (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	600/FT		CEILING	6 WATTS PER LINEAR FOOT	1
,	EM	COLE	L2156W-HO-2-J-B-EM	EMERGENCY STEP LIGHT WITH 90 MIN BATTERY BACKUP	LED	120 V		22	WALL	WIRE AS EM LIGHT ONLY	\(\)
\	_∼ F./	/TARGETTL /	DURATAPE/IP66 PRAP-W/	FLEXIBLE LINEAR LIGHT STRIP FOR CONTINUOUS CONSTANT COLLOR.	\ LED \	/ 12Q V /	_ 111VFT		CEILING ~	4 WATTS PER LINEAR FOOT	1
	S1 \	TECHLIGHT	GTL-N-35L-T3-1	POLE MOUNTED SINGLE HEAD LED TYPE 3 AREA FIXTURE (4000K COLOR TEMPERATURE).	LED	120 V	34781	249	POLE	FIXTURE MOUNTED AT 25'-0"	ĺ
	S1-2	TECHLIGHT	CTL-N-20L-T3-1	POLE MOUNTED DOUBLE HEAD 180 DEGREES LED TYPE 5 AREA FIXTURE (4000K COLOR TEMPERATURE).	LED	120 V	69484	442	POLE	2 FIXTURES AT 180 DEGREE ORIENTATION MOUNTED AT 25'-0"	
	S1-29	TECHLIGHT	CTL-N-35L-T5W-1	POLE MOUNTED DOUBLE HEAD 90 DEGREES LED TYPE 3 AREA FIXTURE (4000K COLOR TEMPERATURE).	LED	120 V	39950	294	POLE	2 FIXTURES AT 90 DEGREE ORIENTATION MOUNTED AT 25'-0"	
	S2	BEGA	99 777 SLV / 84/623 SLV	LED BOLLARD (4000K COLOR TEMPERATURE).	LED	120 V	768	34	BOLLARD		1
	S3	LITHONIA	DSCW1 10C 530 40K T3M MVOLT PE DDBXD	FAÇADE EXTERIOR WALL PACK.	LED	120 V	2010	19	WALL	WALL MOUNTED 12'-0" ABOVE GRADE	1
	S4	LITHONIA	TWS LED P1 50K MVOLT PE DDB	EXTERIOR WALL PACK.	LED	120 V	2010	18	WALL	TOP OF FIXTURE, WALL MOUNTED 1'-0" BELOW SCREEN WALL	1
	S5	LITHONIA	OLBF 8 30K DDB	LED FLAG POLE BULLET FLOOD LIGHT	LED	120 V	592	11	FLOOD		1
	S6	LITHÓNIA	LØN4 40/15 LØ4AR LSS MYØLT GZ10	4" RESESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR (4000K, COLOR TEMPERATURE, 80 CR)	LED	120 V	1516	18	CEILING		1
	S6E	LITHONIA	LDN4 40/15 LO4AR LSS MVOLT GZ10 EL	4" RECESSED SQUARE LED DOWNLIGHT CLEAR, SEMI-SPECULAR REFLECTOR WITH 90 MINUTE REMOTE BATTERY PACK (4000K COLOR TEMPERATURE, 80 CRI)	LED	120 V	1516	18	CEILING	REMOTE BATTERY PACK PS1055CPFMC	
7	, х /	/LITHONIA /	LRP 1 RC 120/277 EL N /	EXIT SIGN / / / /	\ \ LED \ \	/ 120 V /	5, 5	人 2	CEILING		
				EQUIPMENT CO	ONNECTIO	N SCHEDULE					

VOLTAGE/POLES

208 V/2

208 V/2

120 V/1

208 V/3

208 V/2

208 V/2

208 V/2

208 V/2

208 V/3

2#12, #12 GND IN 3/4"C

2#12, #12 GND IN 3/4"C

2#12, #12 GND IN 3/4"C

LOAD

2496 VA

2767 VA

150 VA

10000 VA

6240 VA

2767 VA

1435 VA

696 VA

50077 VA

CIRCUIT NUMBER

MDP-30,32

L1-46,48

L1-4

MDP-14,16,18

MDP-26,28

L1-53,55

L1-43,45

L1-39,41

MDP-19,21,23

WIRE & CONDUIT

2#12, #12 GND IN 3/4"C

2#12, #12 GND IN 3/4"C

2#12, #12 GND IN 3/4"C

3#8, #10 GND IN 3/4"C

2#8, #10 GND IN 3/4"C

2#12, #12 GND IN 3/4"C

2#12, #12 GND IN 3/4"C

2#12, #12 GND IN 3/4"C

3#1/0, #6 GND IN 2"C

REFER TO EQUIPMENT MANUFACTURER FOR ALL INSTALLATION/CONNECTION REQUIREMENTS.

INTEGRAL DISCONNECT PROVIDED BY EQUIPMENT MANUFACTURER

INTEGRAL DISCONNECT PROVIDED BY EQUIPMENT MANUFACTURER INTEGRAL DISCONNECT PROVIDED BY EQUIPMENT MANUFACTURER

VFD PROVIDED BY EQUIPMENT MANUFACTURER

STARTER TYPE

FLA

13.3

116.8

1/20

U-1	200/2	24U/3/INF/INEIVIA 3R			3	-	110.0	VFD	208 V/3	50077 VA	MDP-19,21,23	3# 1/0, #6 GND IN 2 C	VFD PROVIDED BY EQUIPMENT MANUFACTO
U-2	200/2	240/3/NF/NEMA 3R			3	-	116.8	VFD	208 V/3	50077 VA	MDP-25,27,29	3#1/0, #6 GND IN 2"C	VFD PROVIDED BY EQUIPMENT MANUFACTU
·U-3	200/2	240/3/NF/NEMA 3R			5	-	116.8	VFD	208 V/3	75296 VA	MDP-31,33,35	3#1/0, #6 GND IN 2"C	VFD PROVIDED BY EQUIPMENT MANUFACTU
I-1	30/2	240/2/NF/NEMA 1			-	1.5	-	-	208 V/2	1500 VA	MDP-34,36	2#12, #12 GND IN 3/4"C	
					KITCH	EN EQUIPN	IENT CO	ONNECTION S	SCHEDULE				
		DISC. MEAN / MOUNTING											
TAG	DESCRIPTION	HEIGHT	HP	kW	FLA	VOLTAGE/POLES	LOAD	CIRCUIT NUMBER	WIRE & CONDU	JIT		COMMENTS	
5a	DUAL SIDED DRINK DISPENSER	5-20R / -	-	-	-	120 V/1	960 VA	L1-25	2#12, #12 GND IN 3/4"C		HOSPITAL GRADE RECEPTACL	E, UNDER COUNTER	
5b	DUAL SIDED DRINK DISPENSER	5-20R / -	-	-	-	120 V/1	960 VA	L1-24	2#12, #12 GND IN 3/4"C		HOSPITAL GRADE RECEPTACL	E, UNDER COUNTER	
13	DRIVE THRU DRINK DISPENSER	5-20R / 24"	-	-	-	120 V/1	624 VA	L1-17	2#12, #12 GND IN 3/4"C				
14a	ICE MAKER EVAPORATOR UNIT	5-20R / 66"	-	-	6	120 V/1	720 VA	L1-71	2#12, #12 GND IN 3/4"C		HOSPITAL GRADE RECEPTACL		
14b	ICE MAKER EVAPORATOR UNIT	5-20R / 66"	-	-	6	120 V/1	720 VA	L1-75	2#12, #12 GND IN 3/4"C		HOSPITAL GRADE RECEPTACL	E	
14c	ICE MAKER CONDENSING UNIT	30A/240V/2P/NF / -	-	-	17.6	208 V/2	3661 VA	L1-52,54	2#10, #10 GND IN 3/4"C				
14d	ICE MAKER CONDENSING UNIT	30A/240V/2P/NF / -	-	-	17.6	208 V/2	3661 VA	L1-59,61	2#10, #10 GND IN 3/4"C				
17a	MULTIPLEX REFRIGERATION UNIT	30A/600V/3P/NF/- / -	-	-	25.2	208 V/3	9079 VA	L1-77,79,81	3#10, #10 GND IN 3/4"C				
17b	MULTIPLEX CONDENSER UNIT	30A/240V/2P/NF / -	-	-	1.3	208 V/2	270 VA	L1-32,34	2#12, #12 GND IN 3/4"C				
21	REACH IN FREEZER	5-20R / 76"	1/2	-	11.3	120 V/1	1040 VA	L1-26	2#12, #12 GND IN 3/4"C				
22a	REACH IN REFRIGERATOR	5-20R / 76"	1/3	-	8.5	120 V/1	644 VA	L1-70	2#12, #12 GND IN 3/4"C				
22b	REACH IN REFRIGERATOR	5-20R / 76"	1/3	-	8.5	120 V/1	644 VA	L1-16	2#12, #12 GND IN 3/4"C				
22c	REACH IN REFRIGERATOR	5-20R / 76"	1/3	-	8.5	120 V/1	644 VA	L1-66	2#12, #12 GND IN 3/4"C				
22d	REACH IN REFRIGERATOR	5-20R / 76"	1/3	-	8.5	120 V/1	644 VA	L1-68	2#12, #12 GND IN 3/4"C				
24	SUPER COOLER	L14-20R / 76"	1	-	11	208 V/2	1830 VA	L1-42,44	2#12, #12 GND IN 3/4"C				
26a	UNDER COUNTER REFRIGERATOR	5-20R / -	1/6	-	-	120 V/1	420 VA	L1-8	2#12, #12 GND IN 3/4"C				
26b	UNDER COUNTER REFRIGERATOR	-/-	1/6	-	-	208 V/2	420 VA	K2-1,3	-		PREWIRED BY KITCHEN EQUIP	MENT MANUFACTURER.	
26c	UNDER COUNTER REFRIGERATOR	-/-	1/6	-	-	208 V/2	420 VA	K3-1,3	-		PREWIRED BY KITCHEN EQUIP		
35	PITCO FRYER	6-50R / -	-	8.3	-	208 V/2	8258 VA	K1-1,3	-		PREWIRED BY KITCHEN EQUIP		
35	PITCO FRYER	6-50R / -	-	8.3	-	208 V/2	8258 VA	K1-4,6	-		PREWIRED BY KITCHEN EQUIP		
35	PITCO FRYER	15-60R / -	-	17	-	208 V/3	19671 VA	K1-14,16,18	-		PREWIRED BY KITCHEN EQUIP		
35	PITCO FRYER	15-60R / -	-	19.7	-	208 V/3	17005 VA	K1-20,22,24	-		PREWIRED BY KITCHEN EQUIP	MENT MANUFACTURER.	
38	HALF-SIZED CONVECTION OVEN	15-30R / -	-	7.8	22.1	208 V/3	7800 VA	L1-72,74,76	3#10, #10 GND IN 3/4"C				
55a	BUN TOASTER	-/-	-	3.3	-	208 V/2	3300 VA	K2-2,4	-		PREWIRED BY KITCHEN EQUIP		
55b	BUN TOASTER	-/-	-	3.3	-	208 V/2	3300 VA	K3-2,4	-		PREWIRED BY KITCHEN EQUIP		
59a	6' GRILL	-/-	-	36	-	208 V/3	36000 VA	K2-5,7,9	-		PREWIRED BY KITCHEN EQUIP		
59b	6' GRILL	-/-	-	36	-	208 V/3	36000 VA	K3-5,7,9	-		PREWIRED BY KITCHEN EQUIP	MENT MANUFACTURER.	
72	SHAKE MACHINE	6-20R / 24"	-	-	13	208 V/2	2704 VA	L1-49,51	2#12, #12 GND IN 3/4"C				
73	COFFEE BREWER	L14-30R / 24"	-	5.1	-	208 V/2	5100 VA	L1-56,58	3#10, #10 GND IN 3/4"C				
74	TEA BREWER	5-20R / 24"	-	1.65	-	120 V/1	1650 VA	L1-33	2#12, #12 GND IN 3/4"C				
98	MOBILE GREASE CADDY	5-20R / -	1/4		5.8	120 V/1	696 VA	L1-19	2#12, #12 GND IN 3/4"C				
99	GREASE TANK	5-20R / 66"	-	-	-	120 V/1	500 VA	L1-64	2#12, #12 GND IN 3/4"C				
107a	FLAT SCREEN MONITOR	L5-20R / -	-	-	-	120 V/1	360 VA	L2-7	2#12, #12 GND IN 3/4"C				
107a	FLAT SCREEN MONITOR	L5-20R / -	-	-	-	120 V/1	360 VA	L2-7	2#12, #12 GND IN 3/4"C				
107c	FLAT SCREEN MONITOR	L5-20R / -	-	-	-	120 V/1	360 VA	K2-8	2#12, #12 GND IN 3/4"C				
107c	FLAT SCREEN MONITOR	L5-20R / -	-	-	-	120 V/1	360 VA	K3-8	2#12, #12 GND IN 3/4"C				
107e	FLAT SCREEN MONITOR	L5-20R / -	-	-	-	120 V/1	360 VA	L2-8	2#12, #12 GND IN 3/4"C				
107e	FLAT SCREEN MONITOR	L5-20R / -	-	-	-	120 V/1	360 VA	L2-8	2#12, #12 GND IN 3/4"C				
107e	FLAT SCREEN MONITOR	L5-20R / -	-	-	-	120 V/1	360 VA	L2-8	2#12, #12 GND IN 3/4"C				
107e	FLAT SCREEN MONITOR	L5-20R / -	-		-	120 V/1	360 VA	L2-8	2#12, #12 GND IN 3/4"C				

120 V/1

120 V/1

120 V/1

- - 13

360 VA

1500 VA

1500 VA

DISCONNECT RATING (AMP/VOLTAGE/POLE/FUSE/NEMA RAITING)

30/240/2/NF/NEMA 3R

30/240/2/NF/NEMA 3R

60/240/3/NF/NEMA 1

60/240/2/NF/NEMA 3R

30/240/2/NF/NEMA 3R

200/240/3/NF/NEMA 3R

COOLER CU (28)

COOLER UC (28)

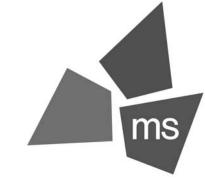
FREEZER CU (28)

FREEZER UC (28)

LIGHTING SCHEDULE NOTE:

ELECTRICAL CONTRACTOR BIDDERS MUST CONTACT DAVID GALVIN WITH ARCHITECTURAL LIGHTING ALLIANCE (ALA) FOR ALL LIGHTING AND LIGHTING CONTROLS BIDS AT 214-658-9000,

CORPORATEACCOUNTS@ALATX.COM WHATABURGER IS A REGISTERED NATIONAL ACCOUNT (NA) VIA ARCHITECTURAL LIGHTING ALLIANCE (ALA) AND HORTON CONTROLS GROUP (HCG).



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PROFESSIONAL OF RECORD: JASON E. CHRISTOFF No. 20012002143 EXP. DATE: 12/31/20

	REV	DESCRIPTION	DATE
	1	REV-1 Plan Review	01/27/21

Project No.: 62-40497-01 Client Project No.:

Drawing Title:

ELECTRICAL SCHEDULES

Date:	12/22/20	Phase:	PERMIT SET
Designed:	DCU	Drawing No	ı.:
Drawn:	DCU		4

Checked: KFF

E6.1

39 BUSSED SPACE

41 BUSSED SPACE

Load Classification

Kitchen Equipment

Receptacle

C:_Backup\Revit\WB-Lees S	
021 3:40:58 PM	

	Pan	el: N	IDP											
;	Location: DRY STORAGE 111 Supply From: SERVICE DISCONNECT Mounting: SURFACE	-		Volts: 12 hases: 3 Wires: 4	0/208 Wy	e		Mains Ty Bus Rati	pe : MLO ng: 800 A				A.I.C. Rating: 22	,000
CKT	Circuit Description	Trip	Poles		4		В	(Poles	•		t Description	CK
1	PANEL 'L1'	225 A		24911 VA	4780 VA		2000 \/A			3		PANEL 'L2'		2
3 5						25512	3600 VA	23137 VA	2520 \/A					6
7	PANEL 'K1'	150 A	3	19354 VA	14220 \/4	7		23131 VA	2520 VA	3		PANEL 'K2'		8
9				1000+ 171	14220 17	20483	13860							10
11								18394 VA	12180 VA					12
13	PANEL 'K3'	150 A	3	14220 VA	3333 VA					3	40 A	EWH-1		14
15						13860	3333 VA							16
17					- > / -			12180 VA	3333 VA					18
19	RTU-1	150 A	3	16692 VA	0 VA	10000	0.1/4			3		, ,	SH COMPACTOR	20
21 23						16692	0 VA	16692 VA	0 VA					22
23 25	RTU-2	150 A	3	16692 VA	3120 VA			10092 VA	UVA	2		FREEZER CON	DENSFR	26
27					5.20 V/	16692	3120 VA							28
29								16692 VA	1248 VA	2	15 A	COOLER COND	ENSER	30
31	RTU-3	225 A	3	25099 VA	1248 VA									32
33						25099	750 VA			2	15 A	UH-1		34
35								25099 VA	750 VA					36
37	BUSSED SPACE			0 VA	0 VA							BUSSED SPACE		38
39	BUSSED SPACE					0 VA	0 VA	0.1/4	0.1/4			BUSSED SPACE		40
41	BUSSED SPACE	T-4-1		4.400	20.1/4	4.400	100.1/4	0 VA	0 VA 26 VA			BUSSED SPACE	E	42
	Classification	lotai	Load:	14360		Design Fa	92 VA	Estimated				Panal	Totals	_
VAC	orassiii Cation			39720 VA	au	100.009		18972				Failei	Totals	
eatin				1500 VA			100.00% 159720 VA				T	otal Conn. Load:	/1888/ \/Δ	
				91083 VA			65.00%		4 VA			tal Est. Demand:		
tchen Equipment ghting				9170 VA		100.00%		9170				I Conn. Current:		
•	y		91/U VA	I	100.007	/O	9170	VA		า บเล	i Coiiii. Current.	1103 A		
otor						115 730		2640		Tota		lemand Current:	970 Δ	
			1	2281 VA	100	115.73% .00%	%	2640 960 VA		Tota		emand Current:	970 A	
ther ecep				2281 VA A	100 97.8	.00%	% 6	2640 960 VA 0220 VA		Tota		emand Current:	970 A	
		S.	2 6960 V 10440 V	2281 VA A	97.8	.00%	% 6	960 VA 0220 VA Mains Ty	pe: MCB	Tota		emand Current:	970 A A.I.C. Rating: 10	,000
ecep otes EFEI	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description	s. el: L	2 6960 V 10440 V	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy	.00% 39% e	% 6	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB	Tota	Trip	Circui	A.I.C. Rating: 10	СКТ
otes EFEI	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS	S. Trip 20 A	26960 V 10440 V 2 Poles	Volts: 12 hases: 3	97.8 0/208 Wy	e	B B	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1	Trip 20 A	Circui POINT OF SALE	A.I.C. Rating: 10	CK 1
otes EFEI 1 3	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE	Trip 20 A 20 A	26960 V 10440 V 2 Poles 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy	.00% 39% e	6 1	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1	Trip 20 A 20 A	Circui POINT OF SALE POINT OF SALE	A.I.C. Rating: 10 t Description (CORIVE THRU 1)	CK 7 2 4
ther ecep otes EFEI 1 3 5	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1)	Trip 20 A 20 A 20 A	26960 V 10440 V 2 Poles	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy	e 720 VA	B B	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1	Trip 20 A 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1)	CK 7 2 4 6
ckt 1 3 5 7	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS	Trip 20 A 20 A 20 A 20 A	26960 V 10440 V 2 Poles 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy	e 720 VA	B 720 VA	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1	Trip 20 A 20 A 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE ORDER SCREE	A.I.C. Rating: 10 t Description C (DRIVE THRU 1) N NS	CK T 2 4 6 8
ckt 1 3 5 7 9	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD	Trip 20 A 20 A 20 A 20 A 20 A	26960 V 10440 V 2 Poles 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy	e 720 VA	B B	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1	Trip 20 A 20 A 20 A 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE ORDER SCREE POINT OF SALE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING)	2 4 6 8
btes FEI 1 3 5 7 9	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS	Trip 20 A 20 A 20 A 20 A	26960 V 10440 V 2P Poles 1 1 1 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy	e 720 VA	B 720 VA	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1	Trip 20 A 20 A 20 A 20 A 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE ORDER SCREE POINT OF SALE POINT OF SALE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING)	CK T 2 4 6 8
bes	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING)	Trip 20 A 20 A 20 A 20 A 20 A 20 A	26960 V 10440 V 2P Poles 1 1 1 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy 720 VA	e 720 VA	B 720 VA	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1	Trip 20 A 20 A 20 A 20 A 20 A 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE ORDER SCREE POINT OF SALE POINT OF SALE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) E (DRIVE THRU 2)	CKT 2 4 6 8 10 12 14
her ecep otes FEI 1 3 5 7 9 11 13 15	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE	Trip 20 A	26960 V 10440 V 2Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy 720 VA	e 720 VA	B 720 VA	960 VA 0220 VA Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) E (DRIVE THRU 2)	CKT 2 4 6 8 10 12 14 16 18
becomes EKT 1 3 5 7 9 11 13 15 17	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy 720 VA	e 720 VA 720 VA	B 720 VA 720 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) E (DRIVE THRU 2)	CK 2 4 6 8 10 12 14 16 18 20
bes best best best best best best best b	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE SPARE SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy 720 VA 720 VA	e 720 VA	B 720 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE SPARE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) E (DRIVE THRU 2)	CKT 2 4 6 8 10 12 14 16 18 20 22
CKT 1 3 5 7 9 11 13 15 17 19 21 23	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE SPARE SPARE SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4 1000 VA 180 VA	0/208 Wy 720 VA 720 VA	e 720 VA 720 VA	B 720 VA 720 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE SPARE SPARE SPARE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) E (DRIVE THRU 2)	CKT 2 4 6 8 10 12 14 16 18 20 22 24
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE SPARE SPARE SPARE SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4	97.8 0/208 Wy 720 VA 720 VA	e 720 VA 720 VA 0 VA	B 720 VA 720 VA 180 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE SPARE SPARE SPARE SPARE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) E (DRIVE THRU 2)	CKT 2 4 6 8 10 12 14 16 18 20 22 24 26
bes	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE SPARE SPARE SPARE SPARE SPARE SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4 1000 VA 180 VA	0/208 Wy 720 VA 720 VA	e 720 VA 720 VA	B 720 VA 720 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) E (DRIVE THRU 2)	CKT 2 4 6 8 10 12 14 16 18 20 22 24 26 28
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4 1000 VA 180 VA 0 VA	97.8 0/208 Wy 720 VA 720 VA 0 VA	e 720 VA 720 VA 0 VA	B 720 VA 720 VA 180 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DRIVE THRU 2) TECT SYSTEM	CKT 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30
ther ecep otes EFEI 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE SPARE SPARE SPARE SPARE SPARE SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4 1000 VA 180 VA	0/208 Wy 720 VA 720 VA	e 720 VA 720 VA 0 VA	B 720 VA 720 VA 180 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DRIVE THRU 2) TECT SYSTEM	CKT 2 4 6 8 10 12 14 16 18 20 24 26 28 30 32
certain ther ecepsore the content of the certain the c	Pan Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE Circuit Description EXTERIOR MENU BOARDS POINT OF SALE POINT OF SALE (DRIVE THRU 1) ORDER SCREENS MENU BOARD POINT OF SALE (DINING) FLAT PANEL DISPLAY POINT OF SALE (DRIVE THRU 2) SPARE	Trip 20 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Volts: 12 hases: 3 Wires: 4 1000 VA 180 VA 0 VA	97.8 0/208 Wy 720 VA 720 VA 0 VA	e 720 VA 720 VA 0 VA 0 VA	B 720 VA 720 VA 180 VA 0 VA	Mains Ty Bus Rati MCB Rat	pe: MCB ng: 100 A ing 50 A	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Circui POINT OF SALE POINT OF SALE ORDER SCREE POINT OF SALE POINT OF SALE POINT OF SALE RCPT - CO2 DE SPARE	A.I.C. Rating: 10 t Description E (DRIVE THRU 1) N NS E (DINING) E (DINING) TECT SYSTEM	CKT 2 4 6 8 10 12 14 16 18 20 22 24 26 28

0 VA 0 VA

3600 VA

Design Factor

65.00%

1/00.00%

100.00%

Total Load: 4780 VA

Connected Load

2520 VA

1000 VA

7380 VA

Q VA 0 VA

∑ 2520 VA

___1638 VA____

1000 VA

7380 VA

Estimated Demand

-- BUSSED SPACE

-- BUSSED SPACE

Panel Totals

Total Conn. Load: 10900 VA Total Est. Demand: 10018 VA

Total Conn. Current: 30 A Total Est. Demand Current: 28 A

\$	Pane Location: DRY STORAGE 111 Supply From: MDP Mounting: SURFACE	el: L	P	Volts: 12 hases: 3 Wires: 4	20/208 W ₃	ye		_	/pe: MLO ng: 225 A			A.I.C. Rating : 10,0	000
CKT	Circuit Description	Trip	Poles		À		В		С	Poles	Trip	Circuit Description	CH
1	EXIT LIGHTING	20 A	1	30 VA	95 VA	-				1		EXTERIOR LIGHTING	2
3	BELL AND BUZZER	20 A	. 1/	,		20 VA	150 VA			1	15 A	EF-1	4
5	LIGHTING BATHROOM	20 A	1				100 17	85 VA	144 VA	1		ROOF LIGHTING	6
7	MONUMENT RECEPTACLE	20 A	1	180 VA	420 VA			00 171	111 7/	1	20 A	UNDER COUNTER REFRIGERATOR	
9	TRAINING SPACE	20 A	1	100 171	420 V/	180 VA	500 VA			1	20 A	"W" SIGNAGE	1
11	LIGHTING SERVER AREA	20 A	1			100 VA	300 VA	204 VA	540 VA	1	20 A	GENERAL PURPOSE RECEPTACLE	1
13	OFFICE RECEPTACLES	20 A	1	540 VA	641 VA			204 VA	340 VA	1		EXTERIOR CANOPY LIGHTING	1
15	MENU BOARD LIGHTING	20 A	1	540 VA	041 7	392 VA	644 VA			1		REACH IN REFRIGERATOR	1
			-			392 VA	044 VA		602.1/4	-			
17	DRIVE THRU DRINK DISPENSER	20 A	1	000 \ / A	700 \ / 4			624 VA	692 VA	1	20 A	LIGHTING DINING	1
19	MOBILE GREASE CADDY	20 A	1	696 VA	792 VA		0001/4			1	20 A	EXTERIOR SITE LIGHTING	2
21	FIRE ALARM CONTROL PANEL	20 A	1			720 VA	900 VA		000111	1		ROOFTOP RECEPTACLES	2
23	LIGHTING KITCHEN	20 A	1	0001/4	404011			788 VA	960 VA	1		DUAL SIDED DRINK DISPENSER	2
25	DUAL SIDED DRINK DISPENSER	20 A	1	960 VA	1040 V		400011			1	20 A	REACH IN FREEZER	2
27	DRIVE THRU AUDIO RECEPTACLES	20 A	1			1000 VA	1983 VA			1	20 A	EXTERIOR SITE LIGHTING	2
29	DRIVE THRU WINDOW	20 A	1					1000 VA	1500 VA	1		HOT HOLD	3
31	HOT HOLD	20 A	1	1500 VA	135 VA					2	20 A	MULTIPLEX CONDENSER UNIT	3
33	TEA BREWER	20 A	1			1650 VA	135 VA						3
35	FLUSH VALVES	20 A	1					200 VA	360 VA	1	20 A	RTU-3 CONTROL PANEL	3
37	RTU-1 CONTROL PANEL	20 A	1	360 VA	500 VA					2	20 A	"WHATABURGER" MONUMENT SIGN	3
39	KEF-2	15 A	2			348 VA	500 VA						4
41								348 VA	915 VA	2	20 A	SUPER COOLER	4
43	KEF-1	15 A	2	718 VA	915 VA								4
45						718 VA	1384 V	4		2	20 A	COOLER UNIT COOLER	4
47	LIGHTING RELAY PANEL	20 A	1					360 VA	1384 VA				4
49	SHAKE MACHINE	20 A	2	1352 VA	360 VA					1	20 A	EMERSON SITE SUPERVISOR	5
51						1352 VA	1831 VA	١		2	30 A	ICE MAKER CONDENSER UNIT	5
53	FREEZER UNIT COOLER	20 A	2			100=111		1384 VA	1831 VA				5
55				1384 VA	2550 V	4		100 1 171		2	30 A	COFFEE BREWER	5
57	RTU-2 CONTROL PANEL	20 A	1	1001 771	2000 17		2550 VA	1					5
59	ICE MAKER CONDENSING UNIT	30 A	2			000 171	2000 17	1831 VA	500 VA	1	20 A	HEAT TRACE (CLASS 2 30mA GFCI)	6
61	ICE WAREN CONDENSING CIVIT	30 A		1831 VA	500 VA			1001 VA	300 VA	1	20 A	"WHATABURGER" SIGNAGE	6
63	IRRIGATION CONTROLLER	20 A	1	1031 VA	300 V	360 VA	500 VA			1	20 A	GREASE TANK	6
65	"WHATABURGER" SIGNAGE	20 A	1			300 VA	300 VA	500 VA	644 VA	1	20 A	REACH IN REFRIGERATOR	_
			-	T00 \ / A	C44 \ / A			300 VA	044 VA				6
67	"W" SIGNAGE	20 A	1	500 VA	644 VA		044344			1	20 A	REACH IN REFRIGERATOR	6
69	"W" SIGNAGE	20 A	1			500 VA	644 VA		0000111	1		REACH IN REFRIGERATOR	7
71	ICE MAKER EVAPORATOR UNIT	20 A	1	700111	0000			720 VA	2600 VA		30 A	OVEN	7
73	GENERAL PURPOSE RECEPTACLE	20 A	1	720 VA	2600 V		000						7
75	ICE MAKER EVAPORATOR UNIT	20 A	1			720 VA	2600 VA						7
77	MULTIPLEX REFRIGERATION UNIT	30 A	3					3026 VA	0 VA			BUSSED SPACE	7
79				3026 VA	0 VA							BUSSED SPACE	8
81						3026 VA	0 VA					BUSSED SPACE	8
83	BUSSED SPACE			Y		\$ ^		0 VA	0 VA			BUSSED SPACE	3
		Tota	l Load:	2491	I1 VA	1\2551	12 VA	2313	37 VA				
oad C	Classification		Con	nected Lo	ad	Design Fa	ctor	Estimated	Demand			Panel Totals	
IVAC				5534 VA		100.00%	6	5534	VA		Y		
itcher	n Equipment	\bigvee	A	0171 VA		65.00%	,	2611	1 VA	1	To	otal Conn. Load: 73554 VA	
ightin				9170 VA		100.00%		9170		*		al Est. Demand: 57125 VA	
	<u> </u>	,											
lotor		\triangle	\sim	2281 VA	<u> </u>	1/(5.73%	\sim	2640	\sim	1		I Conn. Current: 204 A	
Other		$\overline{}$		5600-√A	1.5	100.00%		5600	VA \	Tota	Est. D	Demand Current: 159 A	
Recept	tacie		3060 V	A	100	0.00%	;	3060 VA		1	$\overline{}$		
											<u> </u>		
lotes:													



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www.msconsultants.com

ξ 20 ABURGER SUMMIT

WHAT/

1460 NE DOUGLAS ST LEE'S SUMMIT, MO



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12/22/20
PROFESSIONAL OF RECORD:
JASON E. CHRISTOFF No. 20012002143
EXP. DATE: 12/31/20

REV	DESCRIPTION	DATE
1	REV-1 Plan Review	01/27/21

62-40497-01 Project No.: Client Project No.:

Drawing Title:

ELECTRICAL PANEL SCHEDULES

Date:	12/22/20	Phase:	PERMIT SET
Designed:	DCU	Drawing No). <i>:</i>
Drawn:	DCU	\Box	1
Checked:	KFF	E7.	

	Pa	nel: K	(1										
;	Location: COOKING 117 Supply From: MDP			Volts: 20 Phases: 3 Wires: 4	8Y/120V			Mains Ty Bus Rati	rpe: MLO ng: 225 A	A.I.C. Rating: 10,000			
СКТ	Circuit Description	Trip	Poles		4		В		C	Poles	Trip	Circuit Description	СКТ
1	PICTO FRYER SE14TE	50 A	2	4129 VA	0 VA					1	20 A	SPARE	2
3						4129 VA	4129 VA			2	50 A	PICTO FRYER SE14TE	4
5									4129 VA				6
7	FOOD WARMER	20 A	1	1440 VA	1080 VA					1	15 A		8
9	SPARE	20 A	1			0 VA	0 VA			1	20 A		10
11	FOOD WARMER	20 A	1					1080 VA	0 VA	1	20 A		12
13	SPARE	20 A	1	0 VA	6557 VA					3	70 A	PICTO FRYER SE14	14
15	SPARE	20 A	1			0 VA	6557 VA						16
17	COMPACT FREEZER	20 A	1					960 VA	6557 VA				18
19	SPARE	20 A	1	0 VA	5668 VA					3	70 A	PICTO FRYER SE184	20
21	SPARE	20 A	1			0 VA	5668 VA						22
23	SPARE	20 A	1					0 VA	5668 VA				24
25	REFRIGERATOR	20 A	1	480 VA	0 VA					1		SPARE	26
27	SPARE	20 A	1			0 VA	0 VA			1		SPARE	28
29	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	30
		Total	Load:		4 VA	204	83 VA	1839	94 VA				
Load (Classification		Con	nected Lo	ad C	esign Fa	ctor	Estimated	Demand			Panel Totals	
Kitche	n Equipment		5	58232 VA		65.00%	6	3785	1 VA				
											To	otal Conn. Load: 58232 VA	
											Tot	al Est. Demand: 37851 VA	
											Tota	I Conn. Current: 162 A	
										Tota		emand Current: 105 A	
Notes	•									Tota	. LSt. D	cinana Garrent: 1007t	
	IDED AND PREWIRED BY KITCHEN	I EQUIPMEI	NT SUF	PPLIER.									

	Pane	el: K	(3										
Location: COOKING 117 Supply From: MDP				Volts: 20 Phases: 3 Wires: 4	8Y/120V	Mains Type: MLO Bus Rating: 225 A				A.I.C. Rating:	A.I.C. Rating: 10,000		
CKT Circuit Description		Trip	Poles	es A		В		С		Poles	Trip	Circuit Description	скт
1	UNDERCOUNTER REFRIGERATOR	20 A	2	210 VA	1650 VA					2	20 A	BUN TOASTER	2
3						210 VA	1650 VA						4
5	72" GRIDDLE	125 A	3					12000 VA	180 VA	1	15 A	ANSUL FIRE SUPPRESSION	6
7				12000 VA	360 VA					1	20 A	ORDER SCREEN	8
9						12000	0 VA			1	20 A	SPARE	10
11	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	12
13	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	14
15	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	16
17	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	18
19	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	20
21	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	2:
23	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	20
27	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	28
29									0 VA	1	20 A	SPARE	30
		Total	I Load: 14220 VA			13860 VA		12180 VA					
Load Classification			Connected Load			Design Factor		Estimated Demand		Panel Totals			
Kitchen Equipment			40080 VA			80.00%		32064 VA					
Other		180 VA			100.00%		180 VA		Total Conn. Load: 40260 VA				
											Tot	al Est. Demand: 32244 VA	
									Total Conn. Current: 112 A				
										Total Est. Demand Current: 90 A			
Notes	:	I.								1		'	

	Pane	el: K	2											
;	Location: COOKING 117 Supply From: MDP		P	Volts: 20 hases: 3 Wires: 4	8Y/120V	Mains Type: MLO Bus Rating: 225 A				A.I.C. Rating: 10,000				
СКТ	Circuit Description	Trip	Poles		4		В		:	Poles	Trip	Circuit	t Description	скт
1	UNDERCOUNTER REFRIGERATOR	20 A	2	210 VA	1650 VA					2	20 A	BUN TOASTER		2
3						210 VA	1650 VA							4
5	72" GRIDDLE	125 A	3					12000 VA	180 VA	1	15 A	ANSUL FIRE SU	JPPRESSION	6
7				12000 VA	360 VA					1	20 A	ORDER SCREE	N	8
9						12000	0 VA			1	20 A			10
11	SPARE	20 A	1					0 VA	0 VA	1		SPARE		12
13	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE		14
15	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE		16
17	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE		18
19	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE		20
21	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE		22
23	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE		24
25	SPARE	20 A	1	0 VA	0 VA					1	20 A			26
27	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE		28
29	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE		30
Tota				1422	20 VA	13860 VA 12180 VA								
_oad Classification			Connected Load			Design Factor		Estimated Demand				Panel	Totals	
Kitchen Equipment			40080 VA			80.00%		32064 VA						
Other			180 VA			100.00%		180 VA		Total Conn. Load: 40260 VA				
											Tot	al Est. Demand:	32244 VA	
											Tota	I Conn. Current:	112 A	
										Tota		emand Current:		
Notes:													1	



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12/22/20
PROFESSIONAL OF RECORD:
JASON E. CHRISTOFF No. 20012002143
EXP. DATE: 12/31/20

REV	DESCRIPTION	DATE

Project No.: 62-40497-01 Client Project No.:

Drawing Title:

ELECTRICAL PANEL SCHEDULES

Date:	12/22/20	Phase:	PERMIT SET
Designed:	DCU	Drawing No). <i>:</i>
Drawn:	DCU	□ 7	9

Checked: KFF

E1.2