



LEGEND

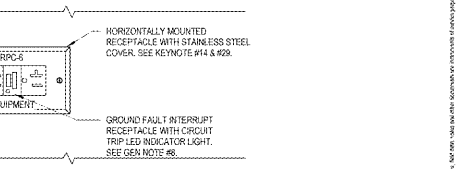
- GASOLINE EMERGENCY SHUT-OFF PUSH BUTTON PROVIDED BY ELECTRICAL CONTRACTOR
- GASOLINE EMERGENCY SHUT-OFF RESET PUSH BUTTON INSTALLED IN MANAGERS OFFICE BELOW FUEL TANK MONITOR AND ON CONTRACTOR PANEL FOR RPS
- SINGLE RECEPTACLE
- SELF-RESETTING 80 AMP FAN COIL GFI OUTLET
- DUPLEX RECEPTACLE
- USB RECEPTACLE
- QUANTRIPLEX RECEPTACLE ON DEDICATED CIRCUIT, LOCATION IF REQUIRED WITH WAWA CONSTRUCTION MANAGER
- DUPLEX RECEPT. (FLOOR MOUNTED)
- DUPLEX RECEPT. (CEILING MOUNTED)
- FOR BACK TELEPHONE OUTLETS INDICATED ON THIS SHEET, THE ELECTRICAL CONTRACTOR SHALL INSTALL (1) 2X4 BACKBOX AT 48" WITH CONDUIT AND PULL STRING TO ABOVE CEILING. REFER TO E4 & E16 FOR INSTALLATION DETAILS. THIS SHEET
- ALL RECEPTACLES SHALL BE MOUNTED AT 18" AFF. UNLESS NOTED OTHERWISE IN PANEL SCHEDULES OR KEYNOTES
- THESE ELECTRICAL PLANS HAVE BEEN PREPARED AND PRODUCED IN ACCORDANCE WITH THE 2014 NATIONAL ELECTRICAL CODE
- ALL FINAL CONNECTIONS TO REFRIGERATION, AIR CONDITIONING AND REFRIGERATION LIGHTS ARE THE RESPONSIBILITY OF THE CONTRACTOR
- RECEPTACLES SHALL BE INSTALLED IN WET LOCATIONS SHALL HAVE AN "IN USE" ENCLOSURE THAT IS WEATHER-RESISTANT AND IDENTIFIED AS "EXTRA DUTY"

KEYNOTES

- SEE SHEET E1 FOR BLANK FACE GFI OUTLET TO BE INSTALLED ABOVE COUNTER TO ALLOW EASY RESET
- ELECTRICAL CONTRACTOR SHALL INSTALL (1) 2X4 BACKBOX AT 48" WITH CONDUIT AND PULL STRING TO ABOVE CEILING FOR TELEPHONE LANOLINE. PROVIDE CLEAR, PERMANENT LABEL AT THIS PHONE LOCATION FOR "111 EMERGENCY USE ONLY"
- NOT USED
- NO RECEPTACLES SHALL BE INSTALLED IN ELECTRIC SAFT AREA. ALL WIRING IN CHECKOUT AREA TO BE MADE AND INSTALLED WITHIN RAINOUT, SUPPLIED BY OTHERS
- THIS RECEPTACLE SHALL BE WEATHERPROOF (WP). PROVIDE "WHILE IN USE" COVERS
- MOUNT SIDEWAYS RECEPTACLE TO FLOOR WITH 90 DEG. ANGLE BRACKET TO 3/4" RIGID CONDUIT TO SUPPLY USE 3/4" USE DETAIL SHEET E18
- FOR EXACT LOCATION OF ALL DEVICES IN MANAGERS OFFICE, SEE ARCHITECTURAL INTERIOR ELEVATIONS SHEET
- E.C. SHALL INSTALL (1) 2X4 BACK BOX FOR (1) DATA OUTLET MOUNTED AT 42" AFF. FOR THE TIME CLOCK. INITIAL CONDUIT AND PULL STRING TO ABOVE CEILING FROM DATA CABIN.
- FUEL TANK MONITOR PANEL PROVIDED BY ELECTRICAL CONTRACTOR
- E.C. SHALL FURNISH AND INSTALL ALL NECESSARY EMERGENCY STOP AND E-STOP RE-SET BUTTONS. AN E-STOP SHALL BE LOCATED IN THE CHECKOUT AND ONE ON THE BUILDING EXTERIOR OPPOSITE THE ELECTRIC ROOM. PROVIDE CLEAR ACCESSIBLE COVER. CONFIRM EXACT REQUIREMENTS WITH LOCAL A.H.J.
- E.C. SHALL PROVIDE 120V FEED TO FLUSH VALVE TRANSFORMERS MOUNTED TO WALL ABOVE CEILING. PROVIDE TERMINALS FOR ALL FLUSH VALVE WIRING ROUTED TO TRANSFORMERS. E.C. TO PROVIDE ANY REQUIRED BACK BOXES AND CONDUIT. WIRING FROM TRANSFORMERS TO VALVES BY PLUMBING CONTRACTOR
- PROVIDE PRINTER RECEPTACLE AND DATA OUTLET IN A COMMON 2-GANG BOX WITH DIVIDER. PROVIDE A SUITABLE 2-GANG COVER PLATE FOR DEVICES
- FOOD SERVICE COFFEE BACKBOX. RECEPTACLES LOCATED ABOVE COUNTER, DUPLEX GFI OR SIMPLEX, SHALL BE PROVIDED WITH STAINLESS STEEL COVER PLATES AND SHALL BE MOUNTED IN HORIZONTAL POSITION
- WP CONDENSATE HEAT TRACED WILL BE 200V FED OFF FAN COIL CIRCUIT BY REFRIGERATION CONTRACTOR
- E.C. TO PROVIDE DUPLEX GFI RECEPTACLES WITH RED DOT CODE KEEPER FLUSH MOUNTED ZINC WEATHERPROOF COVER. NO FEED THRU PROTECTION PERMITTED
- MOUNT THE GASOLINE EMERGENCY SHUT OFF PUSH BUTTON 2" BACK FROM FACE OF CABINET. CENTER UNDER COUNTER TOP
- E.C. SHALL INSTALL AN ISOLATED GROUND (IG) DUPLEX RECEPTACLE IN SINGLE-GANG BOX. CENTER RECEPTACLES BEHIND MACHINE
- NOT USED
- DATA OUTLET BOX AND 26A SIMPLEX RECEPTACLE DEDICATED TO PRICE SIGN CONTROLLER E.C. TO COORDINATE INSTALLATION WITH SIGN CONTRACTOR
- PROVIDE (1) 1/8" RECEPTACLES FOR COMPUTER RACK POUL MOUNTED AT 18" AFF
- E.C. SHALL FLUSH MOUNT ALL RECEPTACLES ON THIS WALL ABOVE COUNTER AT 48" AFF. MOUNT (2) RECEPTACLES FOR ICE MAKERS AT 48" AFF
- RECEPTACLE TO BE CENTERED BEHIND MONITOR OR SIGNAGE. SEE SHEET GH FOR EQUIPMENT LOCATION AND MOUNTING HEIGHT. CONCEAL POWER AND DATA CORDS BEHIND EQUIPMENT
- EG TO PROVIDE BACK BOX, CONDUIT AND PULLSTRING FOR FIRE-SECURITY SYSTEM. SEE SHEETS EE AND FF FOR MORE INFORMATION
- INSTALL #8 AWG GREEN INSULATED COPPER GROUND WIRE. CONNECT TO MAIN SERVICE ENTRANCE GROUND LEAVE IF LOOP
- OUTLET TO BE MOUNTED UNDER COUNTER AT BACK WALL OF MILLWORK
- PROVIDE JUNCTION BOX FOR UPS UNIT OUTPUT TO PANEL RPL MOUNTED AT 24" AFF
- PROVIDE JUNCTION BOX FOR UPS UNIT OUTPUT FROM PANEL RPL MOUNTED AT 36"
- ALL RECEPTACLES IN THE FOOD SERVICE AREA SHALL BE MOUNTED HORIZONTALLY. COORDINATE ALL RECEPTACLE LOCATIONS WITH THE FOOD SERVICE EQUIPMENT BEING INSTALLED
- COORDINATE EXACT LOCATION OF JUNCTION BOXES WITH REFRIGERATION CONTRACTOR. GENERAL CONTRACTOR RESPONSIBLE FOR FRIAL CONNECTION TO DOOR LIGHTS AND HEAT
- 18-18 15 AT CABLE TO ROOFTOP REFRIGERATION UNIT BY REFRIGERATION CONTRACTOR
- NOT USED
- PROVIDE PLUG, RECEPTACLE AND SUITABLE COVER FOR CONNECTION OF OVEN CABLE. REVIEW OVEN INSTALLATION DETAILS AND COORDINATE EXACT REQUIREMENTS FOR FRIAL CONNECTION
- E.C. TO INSTALL (2) 2X4 BACK BOXES AT 54" AFF WITH CONDUIT AND PULL STRING TO CEILING FOR HVAC SENSORS
- E.C. TO INSTALL (1) 2X4 BACK BOXES AT HEIGHT GIVEN ON PLAN WITH CONDUITS AND PULL STRING TO ABOVE CEILING FOR BAG CONNECTOR (SEE KEYNOTES)
- E.C. TO INSTALL (2) 2X4 BACK BOXES AT HEIGHT GIVEN ON PLAN WITH CONDUITS AND PULL STRING TO CEILING FOR TELEPHONES
- PORTABLE GENERATOR CONNECTION BOX. SEE DETAIL ON SHEET EE. ALSO, SEE SINGLE LINE DIAGRAM SHEET FF FOR MORE INFORMATION
- SURFACE MOUNT RECEPTACLE AND DATA TO MOUNTING BRACKET BEHIND DIGITAL MONITORS. RUN FLEX METAL CONDUIT FROM ABOVE CEILING DOWN TO RECEPTACLE. RUN DATA AND POWER CABLES AND FLEX CONDUIT ABOVE CEILING. PLUG (2) GOOSE SIGNS AT EACH END OF MONITORS TO JUNCTION BOX AT EACH END RECEPTACLE. REFERENCE ARCHITECTURAL DETAIL
- GFI RECEPTACLE FOR HOLLING RACK TIMER. 34" AFF. EQUIPMENT 4842
- BRING POWER DATA UP FROM STUB-UP IN WALL INTO CABINET. SEE SHEET E4
- PROVIDE 1/4" RPT AND MATCHING 1/4" DEGREE 1/4" RPT FOR COFFEE BREWERS
- E.C. TO PROVIDE FLUSH MOUNTED RED DOT CODE KEEPER FLUSH MOUNTED ZINC WHILE-IN-USE WEATHERPROOF COVER FOR POWER WASH

ELECTRICAL ABBREVIATIONS LEGEND:

AC/JAC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AMP/A	AMPERE
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO/SIGNAL
AWG	AMERICAN WIRE GAUGE
BMS	BUILDING AUTOMATION SYSTEM
BLDG	BUILDING
BRKR	CIRCUIT BREAKER
C	CORNER
CAND	CANDELA
COMP/T	COMPUTER
CT	CURRENT TRANSFORMER
CUST	CUSTOMER
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
EOL	END OF LINE
EWLHM	ELECTRIC WATER HEATER
FACTP	FIRE ALARM CONTROL PANEL
G	GROUND
GFI/GFI	GROUND FAULT CIRCUIT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
IBC	INTERMEDIATE METAL CONDUIT
INFO	INFORMATION
KAIC	KILO (THOUSAND) AMPERE INTERRUPT CAPACITY
KVA	KILO (THOUSAND) VOLT AMPERES
KVM	KERNEL BASED VIRTUAL MACHINE (CONTROL VIDEO MONITORS)
KW	KILO (THOUSAND) WATTS
LET/LS	LIGHTS
MC	METAL CLAD
MDP	MAIN DISTRIBUTION PANEL
NEUTRAL	NEUTRAL
NC	NORMALLY CLOSED
NAC	NOTIFICATION APPLIANCE CIRCUIT
NELC	NATIONAL ELECTRICAL CODE
PH	POLE PHASE
PVC	POLYVINYL CHLORIDE
RECEPT	RECEPTACLE
RM	ROOM
RR	RESTROOM
SERV	SERVER
TELE	TELEPHONE
TERM	TERMINAL
TRMR	THERMOPLASTIC HIGH HEAT NYLON UNDER COVER
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTED POWER SYSTEM
V	VOLTS
VEST	VESTIBULE
W	WIRE
WI	WIRE-IN



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GENERAL NOTES:

- E.C. TO LABEL EACH RECEPTACLE AND EXHAUST FAN SWITCH WITH CIRCUIT NUMBER AND INTENDED USE. ALL PHONE LINES TO BE GROUNDED. PROVIDE 120V SERVICE W/ ISOLATED GROUND RECEPTACLE AND SINGLE POINT GROUNDING FOR I.E.C. S.A.S.I. EQUIPMENT.
- ALL RECEPTACLES SHALL BE 20 AMP. TRASH COMPACTOR SHALL BE DIFFERENT FROM DELIVERY DOORS. SEE SECURITY PLAN.
- ALL OUTLETS & SWITCHES IN THE BUILDING AND CLOSET AREAS SHALL BE LABELED WITH PANEL & CIRCUIT NUMBER AND IDENTIFY EQUIPMENT SERVED. PROVIDE AN ADDITIONAL LABEL FOR ALL RPS AND RPS CIRCUITS STATING "FUEL EQUIPMENT ONLY". PROVIDE AN ADDITIONAL LABEL FOR ALL RPS CIRCUITS STATING "EQUIPMENT ONLY". A PROFESSIONAL LABEL MAKER SHALL BE UTILIZED FOR ALL LABELS. SEE DETAIL 2E1.
- BELLS, BAZILLERS, DELIVERY DOOR RELEASE, & ALL ASSOCIATED PUSH BUTTONS, SWITCHES, & WIRING ARE TO BE PROVIDED BY ALARM SYSTEM CONTRACTOR
- ALL RECEPTACLES FED FROM PANEL "RPL" SHALL BE ORANGE IN COLOR AND ISOLATED GROUND TYPE RECEPTACLES. HUBBELL #D382 OR APPROVED EQUAL
- ALL RECEPTACLES FED FROM PANEL "RPP" SHALL BE ORANGE IN COLOR AND ISOLATED GROUND TYPE RECEPTACLES. HUBBELL #D382 OR APPROVED EQUAL
- ALL GFI RECEPTACLES SHALL BE DUPLEX RECEPTACLES UNLESS INDICATED OTHERWISE. LEVENTON P 100W OR APPROVED EQUAL. NO FEED THRU PROTECTION PERMITTED. DETAIL THIS SHEET
- ALL 120 VOLT, 15 OR 20 AMP RECEPTACLES IN THIS AREA SHALL BE PROVIDED WEATHERPROOF WITH "WHILE IN USE" COVERS WHERE INDICATED (WP)
- FOR BACK TELEPHONE OUTLETS INDICATED ON THIS SHEET, THE ELECTRICAL CONTRACTOR SHALL INSTALL (1) 2X4 BACK BOX AT 48" WITH CONDUIT AND PULL STRING TO ABOVE CEILING. REFER TO E4 & E16 FOR INSTALLATION DETAILS. THIS SHEET
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280 WEST BALTIMORE PIKE
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PROJECT NAME
WAWA F85L 2019.01 STORE #6351 - CMM

1004 EDGEWOOD AVE.
JACKSONVILLE, FL 32254

SHEET TITLE
ELECTRICAL POWER PLAN

PROJECT NO.	217570
DATE	08-09-2020
DESIGNER	WAWA
CHECKED	JPM

E1