

**FASTRAK @ FREEZER OPENING**

RESTAURANT DEPOT ELECTRICIAN SHALL PROVIDE AND INSTALL:

A DEDICATED 480 VOLT 3 PHASE 20 AMP CIRCUIT TO THE CONTROL BOX FROM A FUSED DISCONNECT. PROVIDE 30 AMP 3 POLE FUSED DISCONNECT.

BRING THE BLACK WIRE HARNESS FROM THE MOTOR OPERATOR INTO THE CONTROL BOX.

A DEDICATED 120 VOLT 1 PHASE 20 AMP CIRCUIT TO POWER THE TWO (2) CURTAIN FANS, THERMAL AIR SEAL BLOWER AND HEATER ASSEMBLY. IF DOOR IS MOUNTED ON COLD SIDE, INSTALL FANS ON WARM SIDE.

A DUPLEX RECEPTACLE FOR EACH CURTAIN FAN AND POWER TO THE CURTAIN FANS FROM THE 120 VOLT CIRCUIT. THE FANS SHALL RUN CONTINUOUSLY. TOTAL AMP FOR THE TWO (2) CURTAIN FANS IS 3.6 AMPS AT 115 VOLTS.

POWER TO THE THERMAL HEAT SEAL AND BLOWER MOTOR FROM THE 120 VOLT CIRCUIT. THE HEATER/BLOWER ASSEMBLY SHALL RUN CONTINUOUSLY. TOTAL AMPS FOR THE HEATER/BLOWER ASSEMBLY IS 10.65 AMPS AT 115 VOLTS.

BRING THE LOW VOLTAGE WIRES FOR BOTH SETS OF VIRTUAL VISION LED LIGHTS TO THE PRE-ENGINEERED JUNCTION BOX AND THEN BACK TO THE CONTROL BOX.

BRING THE LOW VOLTAGE WIRE THAT IS ALREADY CONNECTED TO THE BACK OF THE MOTION SENSORS INTO THE CONTROL BOX.

FOR BREAK RELEASE/CHAIN HOIST PLUG IN CABLE AND WIRE CHAIN HOIST INTO CONTROL BOX.

BRING THE LOW VOLTAGE WIRES OF THE TWO (2) SETS OF PHOTO-EYES LOCATED ON THE MOUNT SIDE OF THE DOOR TO THE CONTROL BOX.

ALL CONDUIT AND WIRING FOR THE WALL MOUNTED PUSH BUTTON. PROVIDE INTERCONNECTION TO DOOR.

A STANDARD 2-GANG JUNCTION BOX FOR REMOTE CONTROL ACTIVATION. BRING THE LOW VOLTAGE WIRE FROM THE CONTROL BOX TO THE JUNCTION BOX. COORDINATE JUNCTION BOX LOCATION WITH DOOR VENDOR.

REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS AND DOOR VENDOR FOR ADDITIONAL ELECTRICAL REQUIREMENTS.

**FASTRAK @ DRY DOCK TO PERISHABLE RECEIVING**

RESTAURANT DEPOT ELECTRICIAN SHALL PROVIDE AND INSTALL:

A DEDICATED 480 VOLT 3 PHASE 20 AMP CIRCUIT TO THE CONTROL BOX FROM A FUSED DISCONNECT. PROVIDE 30 AMP 3 POLE FUSED DISCONNECT.

BRING THE BLACK WIRE HARNESS FROM THE MOTOR OPERATOR INTO THE CONTROL BOX.

A DEDICATED 120 VOLT 1 PHASE 20 AMP CIRCUIT TO POWER THE TWO (2) CURTAIN FANS, THERMAL AIR SEAL BLOWER AND HEATER ASSEMBLY.

A DUPLEX RECEPTACLE FOR EACH CURTAIN FAN AND POWER TO THE CURTAIN FANS FROM THE 120 VOLT CIRCUIT. PROVIDE AN ON/OFF SWITCH AND WIRE BOTH FANS TO SWITCH. MOUNT THE ON/OFF SWITCH HIGH ENOUGH FROM THE FINISHED FLOOR TO BE OUT OF ARMS REACH. TOTAL AMP FOR THE TWO (2) CURTAIN FANS IS 3.6 AMPS AT 115 VOLTS.

FOR BREAK RELEASE/CHAIN HOIST PLUG IN CABLE AND WIRE CHAIN HOIST INTO CONTROL BOX.

BRING THE LOW VOLTAGE WIRES OF THE TWO (2) SETS OF PHOTO-EYES LOCATED ON THE MOUNT SIDE OF THE DOOR TO THE CONTROL BOX.

ALL CONDUIT AND WIRING FOR THE WALL MOUNTED PUSH BUTTON FOR REMOTE RESET. PROVIDE INTERCONNECTION TO DOOR. MOUNT PUSH BUTTON OPPOSITE WALL OF CONTROL BOX AND HIGH ENOUGH ABOVE THE FINISHED FLOOR TO BE OUT OF ARMS REACH.

REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS AND DOOR VENDOR FOR ADDITIONAL ELECTRICAL REQUIREMENTS.

**FASTRAK @ PERISHABLE RECEIVING TO PERISHABLE/DELI COOLER OPENING**

RESTAURANT DEPOT ELECTRICIAN SHALL PROVIDE AND INSTALL:

A DEDICATED 480 VOLT 3 PHASE 20 AMP CIRCUIT TO THE CONTROL BOX FROM A FUSED DISCONNECT. PROVIDE 30 AMP 3 POLE FUSED DISCONNECT.

BRING THE BLACK WIRE HARNESS FROM THE MOTOR OPERATOR INTO THE CONTROL BOX.

A DEDICATED 120 VOLT 1 PHASE 20 AMP CIRCUIT TO POWER THE TWO (2) CURTAIN FANS, THERMAL AIR SEAL BLOWER AND HEATER ASSEMBLY.

A DUPLEX RECEPTACLE FOR EACH CURTAIN FAN AND POWER TO THE CURTAIN FANS FROM THE 120 VOLT CIRCUIT. PROVIDE AN ON/OFF SWITCH AND WIRE BOTH FANS TO SWITCH. MOUNT THE ON/OFF SWITCH HIGH ENOUGH FROM THE FINISHED FLOOR TO BE OUT OF ARMS REACH. TOTAL AMP FOR THE TWO (2) CURTAIN FANS IS 3.6 AMPS AT 115 VOLTS.

FOR BREAK RELEASE/CHAIN HOIST PLUG IN CABLE AND WIRE CHAIN HOIST INTO CONTROL BOX.

BRING THE LOW VOLTAGE WIRES OF THE TWO (2) SETS OF PHOTO-EYES LOCATED ON THE MOUNT SIDE OF THE DOOR TO THE CONTROL BOX.

ALL CONDUIT AND WIRING FOR THE WALL MOUNTED PUSH BUTTON FOR REMOTE RESET. PROVIDE INTERCONNECTION TO DOOR. MOUNT PUSH BUTTON OPPOSITE WALL OF CONTROL BOX AND HIGH ENOUGH ABOVE THE FINISHED FLOOR TO BE OUT OF ARMS REACH.

REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS AND DOOR VENDOR FOR ADDITIONAL ELECTRICAL REQUIREMENTS.

**DOOR BELL SYSTEM SYSTEM 'A' NOTES - MAIN ENTRANCE**

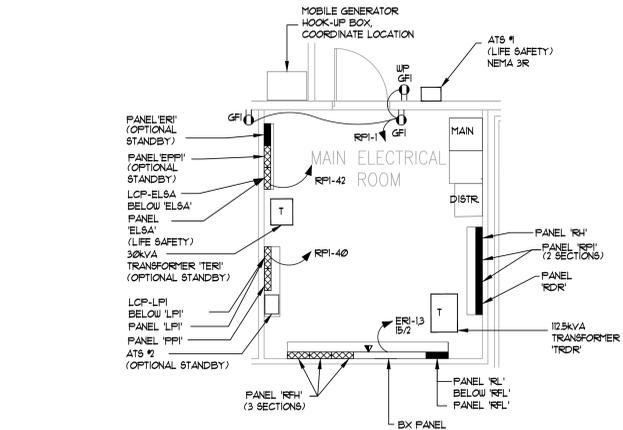
1. PROVIDE ONE (1) PUSH BUTTON MOUNTED OUTSIDE MAIN ENTRANCE AT 54" AFF. PUSH BUTTON TO BE EDWARDS MODEL #1786B.
2. PROVIDE ONE (1) 24 VOLT LOW VOLTAGE TRANSFORMER MOUNTED IN AN ACCESSIBLE LOCATION AT 11'-0" AFF TO POWER DOORBELL/PUSHBUTTON. TRANSFORMER TO BE EDWARDS MODEL #598.
3. TWO (2) DOORBELLS LOCATED IN THE RACTRACK, CENTER OF THE SALES FLOOR, MOUNTED ON COLUMN 14'-6" AFF. DOORBELLS TO BE EDWARDS MODEL #744.

**DOOR BELL SYSTEM SYSTEM 'B' NOTES - RECEIVING AREA**

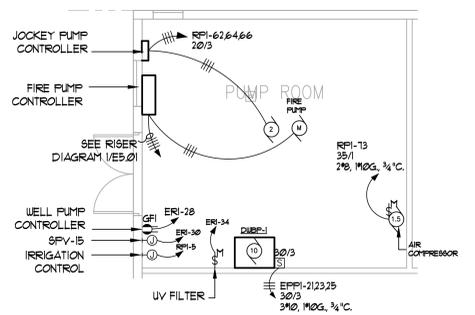
1. PROVIDE ONE (1) PUSH BUTTON MOUNTED AT RECEIVING AREA MAIN DOOR AT 54" AFF. PUSH BUTTON TO BE EDWARDS MODEL #1786B.
2. PROVIDE ONE (1) 24 VOLT LOW VOLTAGE TRANSFORMER MOUNTED IN AN ACCESSIBLE LOCATION AT 11'-0" AFF TO POWER DOORBELL/PUSHBUTTON. TRANSFORMER TO BE EDWARDS MODEL #598.
3. TWO (2) DOORBELLS, ONE (1) IN THE RECEIVING AREA MOUNTED AT 14'-6" AFF AND ONE (1) IN THE GENERAL OFFICE MOUNTED AT 7'-0" AFF. DOORBELLS TO BE EDWARDS MODEL #740.

**DOOR BELL SYSTEM SYSTEM 'A' & 'B' - GENERAL NOTES**

1. PROVIDE 12 GAUGE STRANDED WIRE FOR DOORBELL 'A' & 'B' LOW VOLTAGE WIRING.
2. COORDINATE ALL DEVICES LOCATIONS WITH OWNERS REPRESENTATIVE AND ARCHITECT PRIOR TO ROUGH-IN.



**2 PART PLAN - ELECTRICAL**  
E1.01.1 3/16"=1'-0"



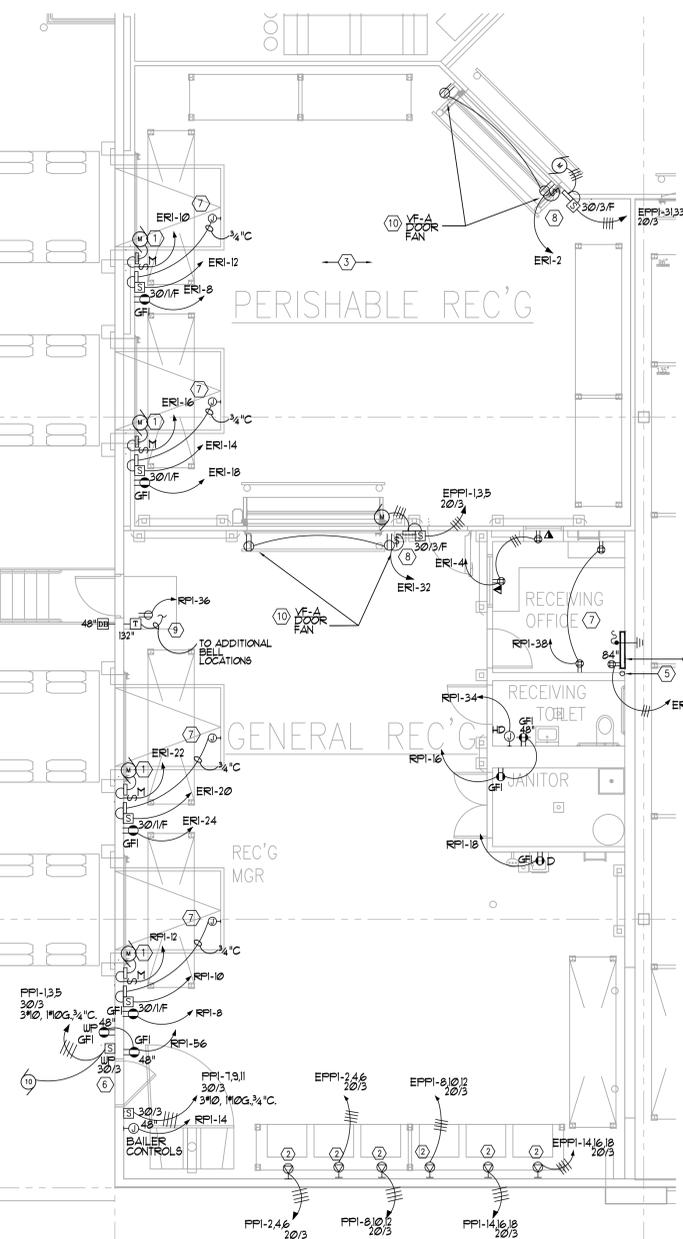
**3 PART PLAN - ELECTRICAL**  
E1.01.1 3/16"=1'-0"

**GENERAL NOTES**

1. ALL DEVICES SHALL BE CONSIDERED NEW UNLESS NOTED OTHERWISE.
2. COORDINATE ALL DEVICE LOCATIONS WITH THE ARCHITECT, OWNERS REPRESENTATIVE, EQUIPMENT, & MILLWORK.
3. COORDINATE ALL EQUIPMENT EXACT LOCATIONS AND MOUNTING HEIGHTS WITH OWNERS REPRESENTATIVE, EQUIPMENT INSTALLER, AND ARCHITECT PRIOR TO ROUGH-IN.
4. PROVIDE FINAL CONNECTIONS TO ALL EQUIPMENT. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS, PROVIDE NEMA RECEPTACLES TO MATCH CORD & PLUG EQUIPMENT, PROVIDE DISCONNECTS FOR ALL HARDWIRED EQUIPMENT. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH REFRIGERATION AND EMS VENDOR.
5. PROVIDE WATERPROOF DEVICES, CONNECTIONS, ETC. IN AREAS SUBJECT TO SPRAY DURING CLEANING (COOLERS, FREEZERS, ETC.)
6. PROVIDE ADDITIONAL RECEPTACLES WITH CABLING, CONDUIT AND JUNCTION BOXES ON A PER COST BASIS. DEDICATED CIRCUITS OR THE ADDITION OF DEVICES TO AN ORIGINAL CIRCUIT IS REQUIRED SHALL REQUIRE PER COST BASIS TO INCLUDE A CIRCUIT BREAKER.
7. TEMP SENSOR PIPE TO BE SEALED TO AVOID COLD AIR AND FALSE READINGS.
8. RACEWAYS EXPOSED TO DIFFERENT TEMPERATURES SHALL BE SEALED PER NEC 300.7.
9. COORDINATE ALL SECURITY SYSTEM DEVICE LOCATIONS, MOUNTING HEIGHTS, QUANTITY OF DEVICES AND ELECTRICAL CONNECTION REQUIREMENTS & CONTROLS INTERFACE WITH SECURITY SYSTEM REPRESENTATIVE/INSTALLER AND OWNER REPRESENTATIVE.
10. COORDINATE DOCK LEVELER, PIT AND DOCK DOOR ELECTRICAL REQUIREMENTS WITH EQUIPMENT MANUFACTURER, EQUIPMENT INSTALLER AND OWNER REPRESENTATIVE PRIOR TO ROUGH-IN.
11. MC CABLE MAY BE INSTALLED IN WALLS AND MILLWORK ONLY. ALL OTHER CIRCUITRY SHALL BE IN CONDUIT.
12. COOLER AND FREEZER AREAS ARE CONSIDERED DAMP LOCATIONS BY THE NEC. EMS CONTROLS DO NOT REQUIRE WEATHERPROOF DEVICES, CONNECTIONS, ETC.

**LEGEND NOTES**

1. COORDINATE ALL ELECTRICAL CONNECTION REQUIREMENTS, CONTROLS LOCATION & CONTROLS INTERFACE WITH DOOR MANUFACTURER, DOOR INSTALLER, AND OWNER REPRESENTATIVE. REFER TO DETAIL 5/EO.02 FOR DOCK LIGHT RECEPTACLE.
2. COORDINATE BATTERY CHARGER LOCATIONS WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN. COORDINATE THE ELECTRICAL CONNECTION WITH MANUFACTURERS INSTALLATION INSTRUCTIONS. IF REQUIRED BY RESTAURANT DEPOT, PROVIDE TWISTLOCK RECEPTACLES AND PLUGS, PROVIDE SO CORD CONNECTION TO BATTERY CHARGER AND ALL TERMINATIONS REQUIRED.
3. ALL DEVICES IN THIS AREA SHALL BE WEATHERPROOF AND SUITABLE FOR USE IN A REFRIGERATED ENVIRONMENT.
4. PROVIDE 4"x4"x1/2" FIRE RATED TELEPHONE BACKBOARD, PAINTED WALL COLOR. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH LOW VOLTAGE VENDOR. QUAD RECEPTACLE MOUNTED AT BACKBOARD.
5. PROVIDE ONE (1) 2" CONDUIT WITH PULLSTRING FROM RECEIVING OFFICE TO HOIST JUST EXTEND 90 DEGREES TO AREA ACCESSIBLE WITH SCISSORS LIFT. COORDINATE ROUTING AND TERMINATION WITH LOW VOLTAGE VENDOR.
6. COORDINATE POWER LOCATION WITH TRASH COMPACTOR VENDOR.
7. COORDINATE DOCK LEVELER ELECTRICAL REQUIREMENTS WITH EQUIPMENT.
8. COORDINATE MOTOR AND CONTROLLER LOCATION AND ALL ELECTRICAL CONNECTION REQUIREMENTS, CONTROLS LOCATION & CONTROLS INTERFACE WITH DOOR MANUFACTURER, DOOR SPECIFICATIONS, AND DOOR INSTALLER. PROVIDE ALL APPLICABLE ELECTRICAL CONNECTIONS TO THE MOTOR, FANS, THERMAL HEAT SEAL, AND BLOWER MOTOR. THERMAL HEAT SEAL AND BLOWER MOTOR SHALL BE CONNECTED TO THE FAN CIRCUIT. PROVIDE CONNECTIONS TO THE LOW VOLTAGE CABLING FOR VIRTUAL VISION LED LIGHTS, MOTION SENSORS, AND PHOTOSSENSORS. MAKE CONNECTIONS FROM THE JUNCTION BOX TO THE CONTROL BOX. PROVIDE ALL CONDUIT AND WIRING FOR THE CHAIN HOIST, HEATED PULL CORD OR NONHEATED PULL CORD AS APPLICABLE. REFER TO DOOR NOTES THIS DRAWING AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION.
9. REFER TO DOORBELL NOTES THIS DRAWING AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.
10. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF DOOR FAN RECEPTACLE WITH MECHANICAL CONTRACTOR AND DOOR MANUFACTURER/INSTALLER. REFER TO DOOR NOTES THIS DRAWING FOR SWITCH MOUNTING HEIGHT.



**1 PART PLAN - ELECTRICAL**  
E1.01.1 3/16"=1'-0"



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**REVISIONS**

DATE	TYPE

**PART PLAN - ELECTRICAL**

DATE: 9/10/2020  
JOB NO. 19230

**E1.01.1**  
SHEET NO.