
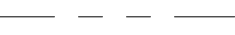
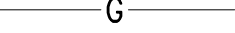
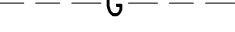




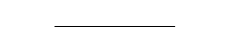


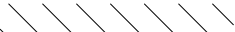


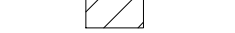


















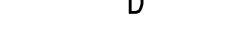













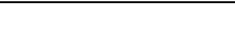

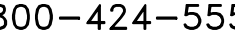




















































































































































































ELECTRICAL PLAN		ELECTRICAL PLAN		ELECTRICAL PLAN		ELECTRICAL PLAN	
                                                        	EXPOSED CONDUIT OR CABLE CONDUIT (UNDERGROUND OR CONCEALED IN FLOOR, WALL, OR CEILING) EXPOSED GROUND WIRE BURIED GROUND WIRE LOW VOLTAGE WIRING EXISTING TO BE REMOVED CONDUIT OR CABLE DOWN CONDUIT OR CABLE UP CONDUIT OR CABLE CAPPED CABLE TRAY CABLE TRAY FLEXIBLE CONDUIT REMOVE OR DEMOLISH EQUIPMENT, CONDUIT, OR CABLE UNDER HATCH HAZARDOUS LOCATION PER NEC CHAPTER 5 DIVISION 1 DIVISION 2 UNCLASSIFIED HOME RUN – NUMBER OF CONDUCTORS AS INDICATED, SMALL HASH MARKS INDICATE PHASE CONDUCTORS, LARGER HASH MARKS INDICATES NEUTRAL, BACKSLASH INDICATES GROUND WIRE, BACKSLASH WITH DOT INDICATES ISOLATED GROUND, ALL UNMARKED CONDUIT RUNS ARE 3/4" CONDUIT WITH 2#12, 1#12G UNLESS NOTED OTHERWISE CONDUIT SEAL JUNCTION BOX PULLBOX HANDHOLE MANHOLE 480Y/277V, 3Ø, 4W PANELBOARD 208Y/120V, 3Ø, 4W PANELBOARD EQUIPMENT CABINET – TYPE AS NOTED TELEPHONE OUTLET – SUBSCRIPT INDICATES: A – COMPLIES WITH A.D.A. D – DESK MOUNTED P – PAY PHONE W – WALL MOUNTED COMPUTER/DATA OUTLET COMBINATION VOICE/DATA OUTLET INTERCOM STATION – SUBSCRIPT INDICATES: D – DESK MOUNTED STATION OUTLET M – MASTER STATION W – WALL MOUNTED STATION OUTLET MICROPHONE INPUT JACK AUXILIARY INPUT JACK AUDIO OUTPUT JACK VOLUME CONTROL RECEPTACLE OUTLET: SUBSCRIPT NUMBER INDICATES CIRCUIT GROUPING SUBSCRIPT LETTER INDICATES: GFI – GROUND FAULT CIRCUIT INTERRUPTER WP – WEATHERPROOF XP – EXPLOSION PROOF GROUNDING TYPE SINGLE RECEPTACLE GROUNDING TYPE DUPLEX RECEPTACLE GROUNDING TYPE DOUBLE DUPLEX RECEPTACLE CEILING MOUNTED DUPLEX RECEPTACLE SPLIT WIRED GROUNDING TYPE DUPLEX RECEPTACLE	                                                        	SPECIAL PURPOSE RECEPTACLE – TYPE AS NOTED FLUSH FLOOR BOX WITH HINGED DEVICE COVER FLUSH FLOOR BOX WITH DEVICES AS SHOWN PEDESTAL MOUNTED DEVICES ON FLOOR BOX OR FLOOR DUCT POKE-THRU TYPE FITTING WITH DEVICES AS SHOWN FLUSH FLOOR COUPLING FLUSH FLOOR COUPLING WITH PEDESTAL TEL OUTLET GROUND CONNECTION GROUND ROD GROUND WELL EQUIPMENT CONNECTION MOTOR CONNECTION GENERATOR STARTER 3-POLE, NEMA SIZE 1 MINIMUM UNLESS NOTED OTHERWISE COMBINATION STARTER HP RATED, 3-POLE, NEMA STARTER SIZE 1 MINIMUM UNLESS NOTED OTHERWISE – MCP OVERCURRENT PROTECTION AS REQUIRED BY EQUIPMENT MANUFACTURER OR AS NOTED DISCONNECT SWITCH 3-POLE UNLESS NOTED OTHERWISE – OVERCURRENT PROTECTION AS REQUIRED BY EQUIPMENT MANUFACTURER OR AS NOTED CONTACTOR SUBSCRIPT INDICATES NUMBER OF POLES CIRCUIT BREAKER NUMBER INDICATES TRIP SETTING AND NUMBER OF POLES CURRENT LIMITING UNLESS OTHERWISE NOTED GFI – GROUND FAULT CIRCUIT INTERRUPTER ST – INDICATES SHUNT TRIP MO – MOTOR OPERATED TRANSUDCER POWER TRANSFORMER SOLENOID VALVE BATTERY MOTOR OPERATED VALVE THERMOSTAT PUSHBUTTON SWITCH – MOMENTARY CONTACT: P – INDICATES PILOT LIGHT POSITION SWITCH DIRECTLY ACTUATED, SPRING RETURN LIQUID LEVEL ACTUATED SWITCH: NC OPENS ON RISING LIQUID NO CLOSES ON FALLING LIQUID PRESSURE OR VACUUM ACTUATED SWITCH TEMPERATURE ACTUATED SWITCH FLOW ACTUATED SWITCH CLOCK CLOCK AND SPEAKER COMBINATION CEILING MOUNTED DOUBLE FACED CLOCK SPEAKER LOWER CASE LETTER INDICATES SWITCHING GROUP SPEAKER – CEILING RECESSED MOUNTED SPEAKER – CEILING SURFACE MOUNTED SPEAKER – WALL RECESSED MOUNTED SPEAKER – WALL SURFACE MOUNTED ALARM LIGHT/STROBE, INDICATING LIGHT TYPE AS NOTED LOWER CASE LETTER INDICATES SWITCHING GROUP A-AMBER; B-BLUE; G-GREEN; R-RED; W-WHITE	                                                        	ALARM BUZZER A-ALARM; F-FIRE; S-SECURITY ALARM CHIME A-ALARM; F-FIRE; S-SECURITY ALARM BELL A-ALARM; F-FIRE; S-SECURITY EMERGENCY SHUTDOWN SWITCH MANUAL PULL STATION ANNUNCIATOR CONTROL PANEL ESR ELEVATOR STATUS/RECALL FAC FIRE ALARM COMMUNICATOR FCP FIRE ALARM CONTROL PANEL FSA FIRE SYSTEM ANNUNCIATOR HCP HALON CONTROL PANEL HVA CONTROL PANEL FOR HVAC OR EXHAUST STAIRWELL PRESSURIZATION FLOW SWITCH CONNECTION TAMPER SWITCH CONNECTION FIRE OR EMERGENCY TELEPHONE STATION A – ACCESSIBLE J – JACK H – HANDSET HEAT DETECTOR R/F – COMB. RATE OF RISE AND FIXED TEMP. R/C – RATE COMPENSATION F – FIXED TEMPERATURE R – RATE OF RISE ONLY MAGNETIC DOOR HOLDER SMOKE DETECTOR P – PHOTOELECTRIC PRODUCTS OF COMBUSTION I – IONIZATION TYPE BT – BEAM TRANSMITTER BR – BEAM RECEIVER GAS DETECTOR FLAME DETECTOR ILLUMINATED EXIT SIGN – SINGLE FACE WITH EGRESS DIRECTION AS SHOWN ILLUMINATED EXIT SIGN – DOUBLE FACE WITH EGRESS DIRECTION FOR EACH FACE BATTERY POWERED EMERGENCY LIGHT NUMBER OF LAMPS AS SHOWN COMBINATION BATTERY POWERED EMERGENCY LIGHT AND ILLUMINATED EXIT SIGN LIGHTING FIXTURE ADJACENT NUMBER INDICATES CIRCUIT GROUPING LOWER CASE LETTER INDICATES SWITCHING GROUP SURFACE-MOUNTED 2x4 FLUORESCENT FIXTURE WITH JUNCTION BOX SURFACE-MOUNTED 1x4 FLUORESCENT FIXTURE WITH JUNCTION BOX SURFACE-MOUNTED 2x2 FLUORESCENT FIXTURE WITH JUNCTION BOX SURFACE-MOUNTED 2x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT SURFACE-MOUNTED 1x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT SURFACE-MOUNTED 2x2 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT RECESSED-MOUNTED 2x4 FLUORESCENT FIXTURE WITH JUNCTION BOX RECESSED-MOUNTED 1x4 FLUORESCENT FIXTURE WITH JUNCTION BOX RECESSED-MOUNTED 2x2 FLUORESCENT FIXTURE WITH JUNCTION BOX RECESSED-MOUNTED 2x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT RECESSED-MOUNTED 1x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT RECESSED-MOUNTED 2x2 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT RECESSED-MOUNTED 2x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT RECESSED-MOUNTED 1x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT RECESSED-MOUNTED 2x2 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT PENDANT-MOUNTED FIXTURE – TYPE AS NOTED PENDANT-MOUNTED FIXTURE ON EMERGENCY CIRCUIT WALL-MOUNTED FLUORESCENT FIXTURE – TYPE AS NOTED	                                                        	STRIP FLUORESCENT FIXTURE – TYPE AS NOTED STRIP FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT STAGGERED STRIP FLUOR FIXTURE – TYPE AS NOTED CEILING-MOUNTED FIXTURE – TYPE AS NOTED CEILING-MOUNTED FIXTURE ON EMERGENCY CIRCUIT WALL-MOUNTED FIXTURE – TYPE AS NOTED WALL-MOUNTED FIXTURE ON EMERGENCY CIRCUIT WALL WASH FIXTURE – TYPE AS NOTED WALL WASH FIXTURE ON EMERGENCY CIRCUIT DIRECTIONAL LIGHTING FIXTURE – TYPE AS NOTED DIRECTIONAL LIGHTING FIXTURE ON EMERGENCY CIRCUIT TRACK LIGHT – TYPE AS NOTED – NUMBER OF HEADS AS SHOWN ILLUMINATION CONTROL STATION PHOTOCELL CONTROL THERMOSTAT PHOTOELECTRIC SENSOR NIGHT LIGHT SINGLE-POLE WALL SWITCH WALL SWITCH LOWER CASE LETTER INDICATES SWITCHING GROUP # INDICATES SUBSCRIPT INDICATES 2 2-POLE M – MANUAL MOTOR STARTER 3 3-WAY WP – WEATHERPROOF 4 4-WAY LV – LOW-VOLTAGE POLE-MOUNTED LIGHTING FIXTURE – TYPE AS NOTED NUMBER OF FIXTURES AS SHOWN EXTERIOR LANDSCAPE FIXTURE – TYPE AS NOTED EXTERIOR LANDSCAPE FIXTURE – ON EMERGENCY CIRCUIT EXTERIOR STEP LIGHTING FIXTURE – TYPE AS NOTED SUBSTATION LIGHT GROUND PIGTAIL WELDED GROUND CONNECTION SEPARABLE SPLICE NONSEPARABLE SPLICE FEEDER NUMBER SPARE CONDUIT FAULT INDICATOR

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NOTE: NEW EQUIPMENT SHALL BE DRAWN IN BOLD LINES.
EXISTING EQUIPMENT SHALL BE DRAWN IN LIGHT LINES.

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PROJECT ENGR./ARCH:

DESIGNER:

DRAWN BY:

SCALE: AS NOTED

DATE:

CHECKED BY:

CHECKED/APPROVED BY:

NO.

DATE

BY

DESCRIPTION

APP'D

NO.

DATE

BY

DESCRIPTION

APP'D

PROJECT MANAGER:

PROJECT ENGINEER:

DESIGN ENGINEER:

DRAFTER:

SCALE:

DATE:

CHECKED/APPROVED BY:

WORK PROJECT NO.

CONSULTANT'S NO.

PORT OF SEATTLE NO.

G03

Port of Seattle

SEA-TAC INTERNATIONAL AIRPORT

PROJECT: F&I STANDARD DETAILS

SHEET TITLE: ELECTRICAL PLAN AND SYMBOLS LEGEND