


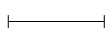
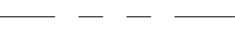



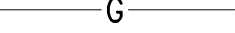


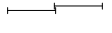
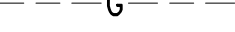














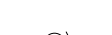




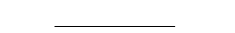











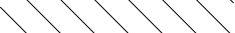



























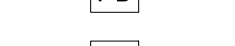


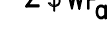































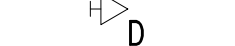


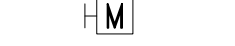


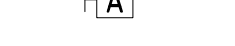


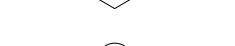


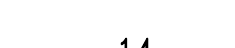











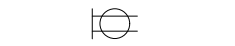









ELECTRICAL PLAN		ELECTRICAL PLAN		ELECTRICAL PLAN		ELECTRICAL PLAN	
 EXPOSED CONDUIT OR CABLE		 SPECIAL PURPOSE RECEPTACLE – TYPE AS NOTED		 ALARM BUZZER A–ALARM; F–FIRE; S–SECURITY		 STRIP FLUORESCENT FIXTURE – TYPE AS NOTED	
 CONDUIT (UNDERGROUND OR CONCEALED IN FLOOR, WALL, OR CEILING)		 FLUSH FLOOR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

CALL 48 HOURS BEFORE YOU DIG
1–800–424–5555

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

*CONSULTANT’S LOGO

PROJECT ENGR./ARCH:	
DESIGNER:	
DRAWN BY:	
SCALE:	
DATE:	
CHECKED BY:	
CHECKED/APPROVED BY:	

R E V I S I O N S									
NO.	DATE	BY	DESCRIPTION	APP'D	NO.	DATE	BY	DESCRIPTION	APP'D
1	03/01/2019	KIM	2019 FBI STANDARD DETAILS						
2	03/01/2020	KIM	2020 FBI STANDARD DETAILS						

PROJECT MANAGER:	
PROJECT ENGINEER:	
DESIGN ENGINEER:	
DRAFTER:	
SCALE:	
DATE:	
CHECKED/APPROVED BY:	

Port of Seattle

SEA-TAC INTERNATIONAL AIRPORT

PROJECT: F&I STANDARD DETAILS

SHEET TITLE: ELECTRICAL PLAN AND SYMBOLS LEGEND

WORK PROJECT NO.	
CONSULTANT'S NO.	
PORT OF SEATTLE NO.	G03