







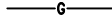



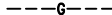







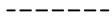









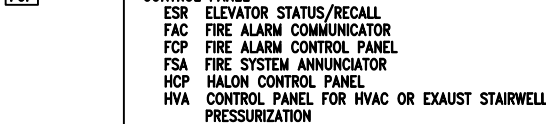












































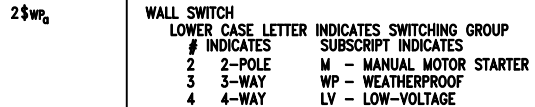








































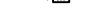





































W:\4-10-14\1 & 1 SHARED\PORT\Electrical\System EE - DCN\Standards-Working-std\New CS 04 format\Details Dtr 28\28050605.dwg 7-07-14 04:24pm

ELECTRICAL PLAN		ELECTRICAL PLAN		ELECTRICAL PLAN		ELECTRICAL PLAN	
 EXPOSED CONDUIT OR CABLE		 SPECIAL PURPOSE RECEPTACLE - TYPE AS NOTED		 ALARM BUZZER		 STRIP FLUORESCENT FIXTURE - TYPE AS NOTED	
 CONDUIT (UNDERGROUND OR CONCEALED IN FLOOR, WALL, OR CEILING)		 FLUSH FLOOR BOX WITH HINGED DEVICE COVER		 ALARM CHIME		 STRIP FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT	
 EXPOSED GROUND WIRE		 FLUSH FLOOR BOX WITH DEVICES AS SHOWN		 ALARM BELL		 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		 WALL-MOUNTED FIXTURE ON EMERGENCY CIRCUIT	
 CONDUIT OR CABLE UP		 GROUND CONNECTION		 ESR ELEVATOR STATUS/RECALL FAC FIRE ALARM COMMUNICATOR FCP FIRE ALARM CONTROL PANEL FSA FIRE SYSTEM ANNUNCIATOR HCP HALON CONTROL PANEL HYA CONTROL PANEL FOR HVAC OR EXHAUST STAIRWELL PRESSURIZATION		 WALL WASH FIXTURE - TYPE AS NOTED	
 CONDUIT OR CABLE CAPPED		 GROUND ROD		 FLOW SWITCH CONNECTION		 WALL WASH FIXTURE ON EMERGENCY CIRCUIT	
 CABLE TRAY		 GROUND WELL		 TAMPER SWITCH CONNECTION		 DIRECTIONAL LIGHTING FIXTURE - TYPE AS NOTED	
 FLEXIBLE CONDUIT		 EQUIPMENT CONNECTION		 FIRE OR EMERGENCY TELEPHONE STATION		 DIRECTIONAL LIGHTING FIXTURE ON EMERGENCY CIRCUIT	
 REMOVE OR DEMOLISH EQUIPMENT, CONDUIT, OR CABLE UNDER HATCH		 MOTOR CONNECTION		 HEAT DETECTOR		 TRACK LIGHT - TYPE AS NOTED - NUMBER OF HEADS AS SHOWN	
 HAZARDOUS LOCATION PER NEC CHAPTER 5 DIVISION 1		 GENERATOR		 R/F - COMB. RATE OF RISE AND FIXED TEMP. R/C - RATE COMPENSATION F - FIXED TEMPERATURE R - RATE OF RISE ONLY		 ILLUMINATION CONTROL STATION	
 DIVISION 2		 COMBINATION STARTER		 MAGNETIC DOOR HOLDER		 PHOTOCELL CONTROL	
 UNCLASSIFIED		 HP RATED, 3-POLE, NEMA STARTER SIZE 1 MINIMUM UNLESS NOTED OTHERWISE - MCP OVERCURRENT PROTECTION AS REQUIRED BY EQUIPMENT MANUFACTURER OR AS NOTED		 SMOKE DETECTOR		 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		 GAS DETECTOR		 PHOTOELECTRIC SENSOR	
 CONDUIT SEAL		 3-POLE UNLESS NOTED OTHERWISE - OVERCURRENT PROTECTION AS REQUIRED BY EQUIPMENT MANUFACTURER OR AS NOTED		 FLAME DETECTOR		 NIGHT LIGHT	
 JUNCTION BOX		 CONTACTOR		 ILLUMINATED EXIT SIGN - SINGLE FACE WITH EGRESS DIRECTION AS SHOWN		 SINGLE-POLE WALL SWITCH	
 PULLBOX		 SUBSCRIPT INDICATES NUMBER OF POLES		 ILLUMINATED EXIT SIGN - DOUBLE FACE WITH EGRESS DIRECTION FOR EACH FACE		 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		 CIRCUIT BREAKER		 BATTERY POWERED EMERGENCY LIGHT NUMBER OF LAMPS AS SHOWN		 POLE-MOUNTED LIGHTING FIXTURE - TYPE AS NOTED NUMBER OF FIXTURES AS SHOWN	
 MANHOLE		 NUMBER INDICATES TRIP SETTING AND NUMBER OF POLES CURRENT LIMITING UNLESS OTHERWISE NOTED		 COMBINATION BATTERY POWERED EMERGENCY LIGHT AND ILLUMINATED EXIT SIGN		 EXTERIOR LANDSCAPE FIXTURE - TYPE AS NOTED	
 480Y/277V, 3#, 4W PANELBOARD		 GFI - GROUND FAULT CIRCUIT INTERRUPTER		 LIGHTING FIXTURE		 EXTERIOR LANDSCAPE FIXTURE - ON EMERGENCY CIRCUIT	
 208Y/120V, 3#, 4W PANELBOARD		 ST - INDICATES SHUNT TRIP		 ADJACENT NUMBER INDICATES CIRCUIT GROUPING LOWER CASE LETTER INDICATES SWITCHING GROUP		 EXTERIOR STEP LIGHTING FIXTURE - TYPE AS NOTED	
 EQUIPMENT CABINET - TYPE AS NOTED		 MO - MOTOR OPERATED		 SURFACE-MOUNTED 2x4 FLUORESCENT FIXTURE WITH JUNCTION BOX		 SUBSTATION LIGHT	
 TELEPHONE OUTLET - SUBSCRIPT INDICATES: A - COMPLIES WITH A.D.A. D - DESK MOUNTED P - PAY PHONE W - WALL MOUNTED		 THERMOSTAT		 SURFACE-MOUNTED 1x4 FLUORESCENT FIXTURE WITH JUNCTION BOX		 GROUND PIGTAIL	
 COMPUTER/DATA OUTLET		 POSITION SWITCH		 SURFACE-MOUNTED 2x2 FLUORESCENT FIXTURE WITH JUNCTION BOX		 WELDED GROUND CONNECTION	
 COMBINATION VOICE/DATA OUTLET		 DIRECTLY ACTUATED, SPRING RETURN		 SURFACE-MOUNTED 2x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT		 SEPARABLE SPLICE	
 INTERCOM STATION - SUBSCRIPT INDICATES: D - DESK MOUNTED STATION OUTLET M - MASTER STATION W - WALL MOUNTED STATION OUTLET		 LIQUID LEVEL ACTUATED SWITCH:		 SURFACE-MOUNTED 1x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT		 NONSEPARABLE SPLICE	
 MICROPHONE INPUT JACK		 NC OPENS ON RISING LIQUID NO CLOSES ON FALLING LIQUID		 SURFACE-MOUNTED 2x2 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT		 FEEDER NUMBER	
 AUXILIARY INPUT JACK		 PRESSURE OR VACUUM ACTUATED SWITCH		 SURFACE-MOUNTED 1x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT		 SPARE CONDUIT	
 AUDIO OUTPUT JACK		 TEMPERATURE ACTUATED SWITCH		 RECESSED-MOUNTED 2x4 FLUORESCENT FIXTURE WITH JUNCTION BOX		 FAULT INDICATOR	
 VOLUME CONTROL		 FLOW ACTUATED SWITCH		 RECESSED-MOUNTED 1x4 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		 CLOCK		 RECESSED-MOUNTED 2x2 FLUORESCENT FIXTURE WITH JUNCTION BOX			
 GROUNDING TYPE SINGLE RECEPTACLE		 CLOCK AND SPEAKER COMBINATION		 RECESSED-MOUNTED 2x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT			
 GROUNDING TYPE DUPLEX RECEPTACLE		 CEILING MOUNTED DOUBLE FACED CLOCK		 RECESSED-MOUNTED 1x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT			
 GROUNDING TYPE DOUBLE DUPLEX RECEPTACLE		 SPEAKER		 RECESSED-MOUNTED 2x2 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT			
 CEILING MOUNTED DUPLEX RECEPTACLE		 LOWER CASE LETTER INDICATES SWITCHING GROUP		 RECESSED-MOUNTED 2x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT			
 SPLIT WIRED GROUNDING TYPE DUPLEX RECEPTACLE		 SPEAKER - CEILING RECESSED MOUNTED		 RECESSED-MOUNTED 1x4 FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT			
		 SPEAKER - CEILING SURFACE MOUNTED		 PENDANT-MOUNTED FIXTURE - TYPE AS NOTED			
		 SPEAKER - WALL RECESSED MOUNTED		 PENDANT-MOUNTED FIXTURE ON EMERGENCY CIRCUIT			
		 SPEAKER - WALL SURFACE MOUNTED		 WALL-MOUNTED FLUORESCENT FIXTURE - TYPE AS NOTED			
		 ALARM LIGHT/STROBE, INDICATING LIGHT TYPE AS NOTED LOWER CASE LETTER INDICATES SWITCHING GROUP A-AMBER; B-BLUE; G-GREEN; R-RED; W-WHITE					

CALL 2 DAYS
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: NAME DESIGNER NAME DRAWN BY NAME SCALE 1"=0"=1"=0"		REVISIONS								PROJECT MANAGER: NAME PROJECT ENGINEER: NAME DESIGN ENGINEER: NAME DRAFTER: NAME SCALE 1"=0"=1"=0"		PORT OF SEATTLE SEA-TAC INTERNATIONAL AIRPORT PROJECT: STIA, F&I STANDARD DETAILS		WORK ORDER NO. 000000			
		DATE RELEASE CHECKED BY NAME APPROVED BY NAME		NO.	DATE	BY	DESCRIPTION	APP'D	NO.	DATE	BY	DESCRIPTION	APP'D	SHEET TITLE: ELECTRICAL PLAN SYMBOLS LEGEND		CONSULTANT'S NO. CONST. No.		PORT OF SEATTLE NO. STIA-0000 G05	
				6/25															

REVIEW OR PERMIT