

CLEAN AGENT SUPPRESSION SEQUENCE OF OPERATIONS

	SYSTEM INPUT	SYSTEM OUTPUT											
		1	2	3	4	5	6	7	8	9	10	11	
A	EARLY WARNING CEILING SMOKE DETECTION SYSTEM ALARM "FIRE 1"	X											A
B	EARLY WARNING CEILING SMOKE DETECTION SYSTEM FIRST ZONE ACTIVATES ALARM "FIRE 2"	X											B
C	EARLY WARNING CEILING SMOKE DETECTION SYSTEM SECOND ZONE ACTIVATES ALARM "FIRE 2"	X			X	X							C
D	EARLY WARNING CEILING SMOKE DETECTION SYSTEM SUPERVISORY		X										D
E	EARLY WARNING CEILING SMOKE DETECTION SYSTEM "ALERT"		X										E
F	EARLY WARNING CEILING SMOKE DETECTION SYSTEM "PRE-ALARM"		X										F
G	ACTIVATION OF CLEAN AGENT MANUAL ACTUATION SYSTEM	X			X	X							G
H	ACTIVATION OF ABORT STATION DURING TIME DELAY SEQUENCE		X				X						H
I	COMPLETION OF 30 SECOND HOLD TIME DELAY SEQUENCE							X	X		X		I
J	OPERATION OF MAIN-TO-RESERVE TRANSFER SWITCH ON CLEAN AGENT SYSTEM									X			J
K	ACTIVATION OF LOW PRESSURE SWITCH ON CLEAN AGENT SYSTEM		X										K
L	OPEN ON CLEAN AGENT RELEASING SOLENOID ON CLEAN AGENT SYSTEM			X									L
M	ACTIVATION OF CLEAN AGENT DISCHARGE PRESSURE SWITCH	X						X			X	X	M
		1	2	3	4	5	6	7	8	9	10	11	

* AIR SAMPLING SYSTEM SET POINTS SHALL BE AS FOLLOWS:

"ALERT": ALARM LEVEL 1: SET ALERT AT 0.2 PERCENT OBSCURATION/FT

"PRE-ALARM": ALARM LEVEL 2: SET PRE-ALARM AT 0.5 PERCENT OBSCURATION/FT

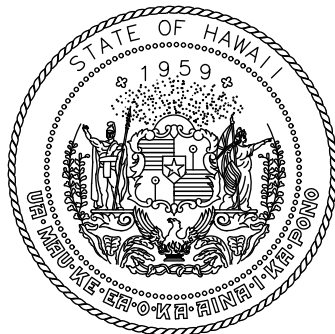
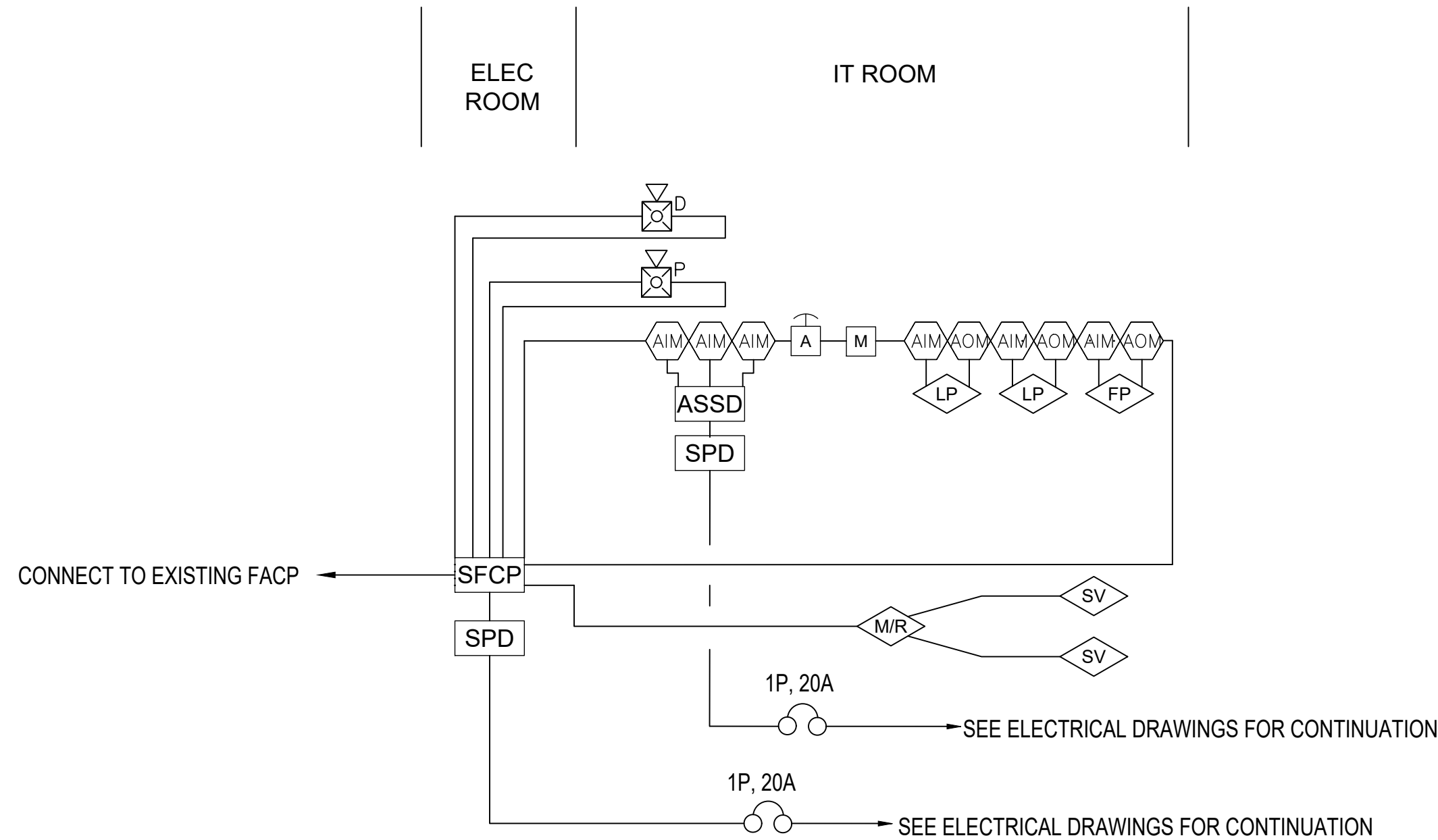
"FIRE 1": ALARM LEVEL 3: SET FIRE 1 AT 1 PERCENT OBSCURATION/FT

"FIRE 2": ALARM LEVEL 4: SET FIRE 2 AT 2 PERCENT OBSCURATION/FT

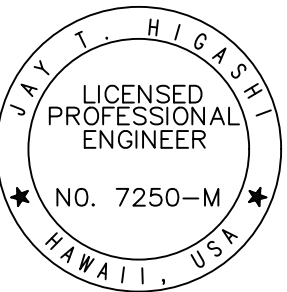
NOTE:

AMBIENT CONDITIONS MUST BE DETERMINED IN ORDER TO PROPERLY SELECT THE MAXIMUM SENSITIVITY SET POINT. THE INSTALLED SYSTEM SHALL RUN FOR A MINIMUM OF ONE WEEK TO CALIBRATE THE AMBIENT CONDITIONS, AND THE ALARM SET POINTS SHALL BE SET ACCORDINGLY AS INDICATED ABOVE.

** SYSTEM OUTPUT FUNCTION LIMITED TO THE SPACE ASSOCIATED WITH THE SYSTEM INPUT DEVICE ACTIVATED.



Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII



J. T. Higashi
04/30/24
/ Licensed Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
JTH	AM	JTH	JTH

NO.	DATE	REVISIONS
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DATE

PROJECT TITLE :

NEW PASS AND ID OFFICE

AT
DANIEL K. INOUE INTERNATIONAL AIRPORT
HONOLULU, HAWAII

PROJECT NO.:

CO1322-63

SHEET TITLE:

CLEAN AGENT
SEQUENCE OF
OPERATIONS AND
RISER DIAGRAM

DATE :

12/21/22

SHEET :

84 OF 100 SHEETS

DWG. NO.

F-602