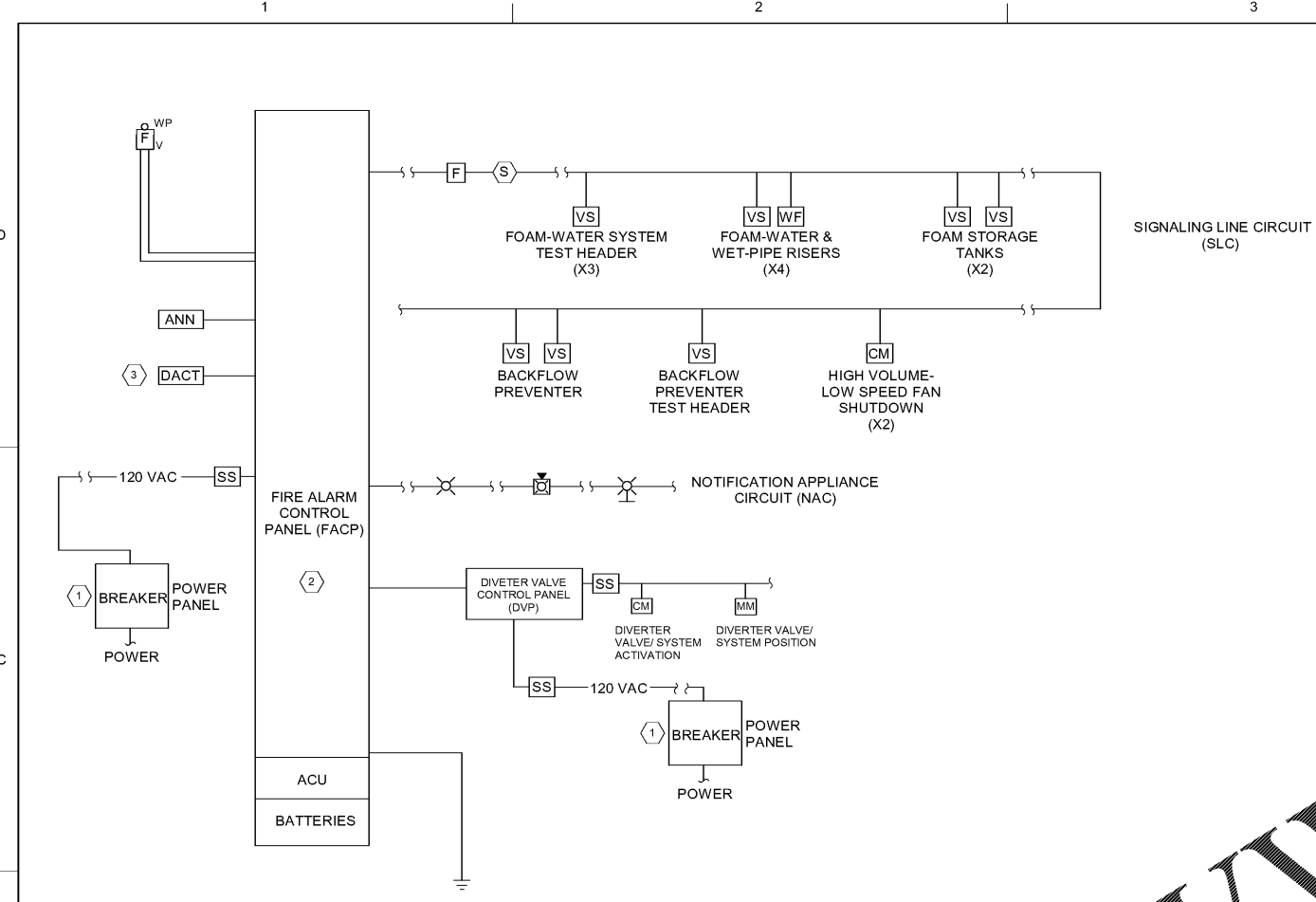


7/9/2020 9:39:40 AM BIM 360://1190557 - Pegasus/1190557_Pegasus_NS_MEP_FP_v19.rvt



B1 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.

GENERAL NOTES

- SEE SHEET F-001 FOR GENERAL NOTES AND LEGEND.
- FIRE ALARM FLOOR PLANS AND RISER DIAGRAM ARE DIAGRAMMATIC AND NOT INTENDED TO SHOW EACH AND EVERY COMPONENT, DEVICE, APPLIANCE, ETC. CONDUIT PATHWAYS AND INTERCONNECTIONS SHALL BE DETERMINED BY THE BUILDING FEATURES, NFPA 70, NFPA 72, SYSTEM MANUFACTURER REQUIREMENTS AND RECOMMENDATIONS.

KEYNOTES

KEY#	KEYNOTE DESCRIPTION
1	BREAKER SERVING THE FACU SHALL HAVE A RED MARKING PER NFPA 72 SECTION 10.6.2.3 AND 10.6.5.2.4 AND PROVIDED WITH A NOT-SWEEP DEVICE (LOCK) PER NFPA 72, SECTION 10.6.5.4 IN ADDITION, MEET THE REQUIREMENTS OF NFPA 72, SECTION 10.6.5.2.2, 10.6.5.2.5, AND 10.6.5.2.6.
2	FACP SHALL INDICATE THE LOCATION AND IDENTIFICATION OF THE POWER PANEL WHERE THE POWER IS DERIVED PER NFPA 72 REQUIREMENTS.
3	DACT SHALL HAVE TWO SEPARATE MEAN OF COMMUNICATION WITH REMOTE RECEIVING STATION. ONE SHALL BE VOICE AND ONE SHALL BE DATA.

SYSTEM OUTPUTS

	FMCP	FIRE SAFETY	REMOTE STATION	EVAC SIGNALS
ACTUATE AUDIO VISUAL ALARM INDICATOR DEVICES				
ACTUATE AUDIO VISUAL SUPERVISORY INDICATION DEVICE				
ACTUATE AUDIO VISUAL COMMON TROUBLE INDICATOR				
SHUT DOWN HANGAR HVLS FANS				
ACTIVATE DIVERTER VALVE/SYSTEM SIGNAL TO DVP				
ACTIVATE WATER FLOW ALARM BELL				
TRANSMIT ALARM SIGNAL TO REMOTE STATION				
TRANSMIT SUPERVISORY SIGNAL TO REMOTE STATION				
TRANSMIT TROUBLE SIGNAL TO REMOTE STATION				
ALERT STROBE THROUGHOUT THE BUILDING (CLEAR)				
FIRE ALARM EVACUATION SIGNAL THROUGHOUT BUILDING				

SYSTEM INPUTS

	A	B	C	D	E	F	G	H	I	J	K	
FIRE ALARMS												
F1 MANUAL PULL STATION	X							X		X	X	
F2 SMOKE DETECTOR	X							X		X	X	
F3 WATER FLOW SWITCH	X			X	X	X	X			X	X	
SUPERVISORY SIGNALS												
S1 FIRE PROTECTION SYSTEM CONTROL VALVE		X						X				
S2 DIVERTER VALVE "OFF NORMAL POSITION" SIGNAL FROM DIVERTER VALVE PANEL		X						X				
TROUBLE CONDITIONS												
T1 FIRE ALARM AC POWER FAILURE			X							X		
T2 FIRE ALARM SYSTEM LOW BATTERY			X							X		
T3 OPEN CIRCUIT			X							X		
T4 GROUND FAULT			X							X		
T5 NOTIFICATION APPLIANCE CIRCUIT SHORT			X							X		

A3 FIRE ALARM OPERATIONAL MATRIX
SCALE: N.T.S.

Order Plans @ www.LDILine.com



MARK	DESCRIPTION	DATE

DESIGNED BY: BTH
 DRAWN BY: JAC
 CHECKED BY: MS
 SUBMITTED BY: [Signature]
 APPROVED BY: [Signature]

ISSUED FOR CONSTRUCTION: 01/2020

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FIRE ALARM RISER DIAGRAM & OPERATIONAL MATRIX

SHEET ID
FA501