



TITLE: FIRE ALARM SYSTEM PLAN

Add surge, SSI J-box, monitor modules on NACs

Points List

001 Panel Smoke	031 Smoke HVU-2	201 Pump Run	233 OS&Y South East Riser 11	265 IT Solenoid Control Module
002 Smoke RTU-7S	032 Smoke HVU-3	202 Pump AC Loss	234 Cellular Supervision	266 IT Solenoid Power Supv.
003 Smoke RTU-7R	033 Smoke HVU-4	203 Pump AC Phase Reverse	235 Pump Room Rear Left OS&Y	267 IT High Air Pressure
004 Smoke RTU-6S	034 Smoke N. IT Room	204 Pump Room Center Left OS&Y	236 Pump Room Front Left OS&Y	268 IT Low Air Pressure
005 Smoke RTU-6R	035 Smoke S. IT Room	205 Panel Pull Station	237 Street OS&Y 1	269 IT Waterflow
006 Smoke RTU-5S	036 Smoke Vesda Panel	206 Waterflow South West Riser 10	238 Street OS&Y 2	270 IT Valve Supervision
007 Smoke RTU-5R		207 OS&Y South West Riser 10	239 Pump Room Front Left OS&Y	271 IT Room Pull Station
008 Smoke RTU-4S		208 Waterflow South West Riser 9	240 Spare - Pump Room	272 Manual Hose Backflow Left
009 Smoke RTU-4R		209 OS&Y South West Riser 9	241 Pump Room OS&Y Lower Right	273 Manual Hose Backflow Right
010 Smoke RTU-3S		210 Waterflow South West Riser 9	242 Pump Room OS&Y Upper Right	274 West Autostore Pull Station
011 Smoke RTU-3R		211 OS&Y South West Riser 9	243 RTU-3 Relay	275 East Autostore Pull Station
012 Smoke RTU-2S		212 RTU-1 Relay	244 RTU-2 Relay	276 Control Module Vesda Alarm Horn Strobe
013 Smoke RTU-2R		213 RTU-4 Relay	245 RTU-1 Relay	277 Control Module Vesda Shunt Trip
014 Smoke RTU-1S		214 Waterflow North West Riser 2	246 NAC West Trouble	278 Fire Camera 1 Trouble
015 Smoke RTU-1R		215 OS&Y North West Riser 2	247 RTU-10 Relay	279 Fire Camera 1 Alarm
016 Smoke RTU-10S		216 Waterflow North West Riser 5	248 RTU-9 Relay	280 Fire Camera 2 Trouble
017 Smoke RTU-10R		217 OS&Y North West Riser 5	249 RTU-8 Relay	281 Fire Camera 2 Alarm
018 Smoke RTU-9S		218 Waterflow North West Riser 1	250 Foyer Pull Station	282 Vesda Alert
019 Smoke RTU-9R		219 OS&Y North West Riser 1	251 NAC East Trouble	283 Vesda Action
020 Smoke RTU-8S		220 Waterflow North East Riser 3	252 NAC Middle Trouble	284 Vesda Fire 1
021 Smoke RTU-8R		221 OS&Y North East Riser 3	253 RTU-11 Relay	285 Vesda Fire 2
022 Smoke Foyer		222 Waterflow North East Riser 8	254 RTU-12 Relay	286 Vesda Power Supply Trouble
023 Smoke RTU-11S		223 OS&Y North East Riser 8	255 Control Module 1	287 Vesda Minor Fault
024 Smoke RTU-11R		224 Waterflow North East Riser 4	256 Control Module 2	288 Vesda Urgent Fault
025 Smoke RTU-12S		225 OS&Y North East Riser 4	257 Control Module 3	289 Vesda Outputs Disabled
026 Smoke RTU-12R		226 RTU-5 Relay	258 Control Module 4	290 Vesda Spare 1
027 Smoke NAC East		227 RTU-4 Relay	259 Control Module 5	291 Vesda Spare 2
028 Smoke NAC Middle		228 Waterflow South East Riser 12	260 Control Module 6	292 Manual Hose Bottom Tamper
029 Smoke NAC West		229 OS&Y South East Riser 12	261 HVU-1 Relay	293 Manual Hose Top Tamper
030 Smoke HVU-1		230 Waterflow South East Riser 7	262 HVU-2 Relay	294 Manual Hose Manual Release Station
		231 OS&Y South East Riser 7	263 HVU-3 Relay	295 Vesda Panel Manual Release Station
		232 Waterflow South East Riser 11	264 HVU-4 Relay	296 Vesda Robot Recall Policy

Legend of Misc. Symbols

	Sampling point location
	Fire Camera
	Control Valve/PIV Valve
	Flow Switch
	High/Low Air Pressure Switches
	Solenoid Valve
	Annunciator Circuit Wire Path
	NAC Circuit Wire Path
	SLC Circuit Wire Path
	Auxiliary Power
	Monitored Contact Wire Path

- Fire Alarm Notes:**
- Ceiling height throughout building is 35' with the following exceptions:
Fire Pump Room (approx 12')
Office Area is 8' 0"
 - Fire alarm devices located in the Fire Pump room are existing devices
 - Fire alarm devices on all sprinkler risers are existing devices (12 risers in 4 locations)
 - Points List numbers in blue are being added to the existing system for the Vesda VEU 7

DEVICE LEGEND				
DEVICE SYMBOL	QTY.	MANUFACTURER	PART NO.	DESCRIPTION
	1	GENERIC	JUNCTION BOX 06	4SQ 2 GANG
	1	FARENHYT	IFP-300 (IDP)	FIRE ALARM CONTROL PANEL, ADDRESSABLE, IDP PROTOCOL
	1	FARENHYT	IFP-300 MAIN BOARD	FIRE ALARM CONTROL PANEL MAIN BOARD IDP PROTOCOL
	1	NAPCO	SLELTE-CFB-PS	WIRELESS COMMERCIAL FIRE ALARM COMMUNICATOR WMINIMON
	1	FARENHYT	IDP-MINIMON	MINI CONTACT MODULES FOR MONITORING DRY CONTACTS
	9	FARENHYT	IDP-CONTROL	ADDRESSABLE SUPERVISED CONTROL MODULE
	3	SILENT KNIGHT	5495	5495 6A DISTRIBUTED POWER MODULE
	3	SILENT KNIGHT	5495 MAIN BOARD	5495 6A DISTRIBUTED POWER MODULE MAIN BOARD
	3	SILENT KNIGHT	RA-1000	INTELLIKNIGHT REMOTE ANNUNCIATOR
	24	FARENHYT	RTS15IKEY	REMOTE TEST STATION W/ SWITCH, ALARM & POWER LEADS, KEY RESET
	5	DITEK	DTK-120HW	120VAC 54KA PARALLEL CONNECTED SURGE PROTECTIVE DEVICE
	8	FARENHYT	IDP-PHOTO W/B300-6 W BASE	ANALOG SMOKE DETECTORS
	6	FARENHYT	IDP-PULL DA W/IDP-MINIMON	PULL STATION, ADDRESSABLE, DUAL ACTION
	28	FARENHYT	DNR W/IDP-PHOTOR W	DUCT DETECTOR NO RELAY
	28	FARENHYT	IDP-PHOTOR W	ANALOG SMOKE DETECTOR FOR DUCT USE ALLOWS REMOTE
	24	FARENHYT	IDP-MONITOR-2	ADDRESSABLE DUAL MONITOR MODULE
	1	FARENHYT	IDP-MONITOR-10	ADDRESSABLE 10 POINT MONITOR MODULE
	5	FARENHYT	IDP-MINIMON	MINI CONTACT MODULES FOR MONITORING DRY CONTACTS
	17	FARENHYT	IDP-RELAY	ADDRESSABLE RELAY OUTPUT MODULE
	4	SYSTEM SENSOR	SRL	STROBE, RED
	1	SYSTEM SENSOR	P2RK	2-WIRE HORN/STROBE OUTDOOR RED
	1	SYSTEM SENSOR	P2R	2-WIRE HORN/STROBE RED
	4	SYSTEM SENSOR	P2RL	2-WIRE, HORN STROBE, RED
	52	SYSTEM SENSOR	PC2RL	2-WIRE, HORN STROBE, RED
	6	GENERIC	JUNCTION BOX SSI STD	STANDARD SYSTEM SPECIALISTS FA JUNCTION BOX

This Fire Alarm System shall be installed in compliance with: NFPA72, 2013 ed. and all wiring shall comply with NFPA70, Article 760.

LAST REVISION: 2/18/2021
BY: RGG

CHECKED BY: PEH

FA-1

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