

EXHIBIT A – Revision 1 per Amendment 1

**Department of Detention Services
Fire Detection and Suppression Systems**

A. WET SUPRESSION SYSTEMS

1) ORJ

- a) 70 total risers (65 wet , 3 dry pipe , 2 per-action)
- b) 8 Fire Hydrants
- c) 1 PIV valve
- d) 1 diesel fire pump – Fairbanks Morse pump – Engine - Cummins, Model #V-504-52
- e) 108 fire hose valves

2) FRJ

- a) 66 total risers – All wet
- b) 16 fire hydrants (includes new hydrant going in by building 23 Central Energy Plant)
- c) 14 PIV valves
- d) *Building 23 Central Energy Plant. In Operation summer of 2016 will have 1 additional riser and 75 sprinkler heads, 10 smoke detectors, 18 horn strobes, 4 pull stations, 1 gas shut off. First inspection May 2016.
- e) **Building 18 being remodeled into a commercial kitchen. Operational summer 2016. Sprinkler heads already included in the count above 2(a). Being added are 10 smoke detectors, 4 heat detectors, 15 horn strobe light and 6 pull stations. Five new Ansul vent hoods will be added once operational and 46 new sprinkler heads. First inspection November 2016. Walk in freezer will have two new strobe lights and 20 sprinkler heads.
- f) **Building 22 being renovated as a Servery or dining hall. System counts are already included in 2(a). No new additions. No new schedules.

3) HREC

- a) 1 wet riser
- b) 1 fire hydrant

B. CLEAN AGENT AND HALON SUPRESSION SYSTEMS

1) ORJ – HALON 1301 system

- a) 1 pyrotronics CP2HR Control Panel
- b) 1 tank – no weight gauge
- c) 234 lbs (Gas Weight)
- d) 411 lbs (Total Weight)
- e) 3 pull stations
- f) 3 abort buttons (*1 pull and 1 abort are located in SR-11 then in EE-02 behind monitors*)
- g) 2 nozzles (*1 located in SR-12*)
- h) 5 photo detectors
- i) 3 Ion detectors
- j) 1 bell
- k) 2 “Agent” lights

- 2) FRJ – FE 25 system
 Installed by United Fire 08-19-2011, Manufacturer – Fike, Model Xi-50 Cheetah (10-071)
 - a) Tank Size – 525 lbs
 - b) Detectors – 8 (*4 are in the floor*)
 - c) Nozzles – 4 (*2 are visible, 1 is in the ceiling and 1 is under the floor*)

C. KITCHEN SUPPRESSION SYSTEMS

- 1) ORJ – ANSUL system – Over fryer and grill
 - a) Nine (9) fusible links (*2 are in the ducts and 1 is over the two large mixers*)
 - b) Three, (3) gallon tanks (*2 are located in OF-04 and 1 is located in CF-01*)
- 2) ORJ - RANGEGAURD SYSTEM – Over large kettles. Installed 2003
 - a) Four fusible links
 - b) Three tanks: one (4) gallon and two (2.66) gallon (*located in OF-04-01*)
- 3) FRJ – ANSUL system – Over fryer and grill *in old OD of Building 14*
 - a) Three fusible links
 - b) One(3) gallon tank
 - c) ***Building 18 kitchen will add five more Ansul hood systems when operable in 2016.**

D. ALARM SYSTEM DEVICES

- 1) ORJ Fire Alarm Device Count
 Edwards EST3X (Installed 7-22-13 thru 10-23-13)

DEVICE	TOTAL COUNT
Pullstations	113
Photo Detectors	1,189
Duct Detectors	72
Heat Detectors	12
Waterflow Switches	71
Horn/Strobes	351
Strobes	401
Enunciation Panels	14

2) FRJ Fire Alarm Device Count
 Edwards EST3X (Installed 2-02-15 thru 05-27-15)

DEVICE	TOTAL COUNT
Pullstations	203
Photo Detectors	763
Duct Detectors	155
Heat Detectors	0
Waterflow Switches	65
Horn/Strobes	534
Strobes	374
Enunciation Panels	21
*Central Energy Plant Bldg #23	1 riser + 75 heads 10 smoke detectors 18 strole light 4 pull stations 1 Gas shutoff
**Sergency	Included
**Kitchen & Freezer Bldg #18	46 New Sprinkler heads 10 smoke detectors 4 heat detectors 15 horn strobe lights 6 pull stations 5 Ansul hoods 1 gas shutoff

1) HREC Fire Alarm Device Count
 Edwards EST3X

DEVICE	TOTAL COUNT
Pullstations	10
Photo Detectors	39
Duct Detectors	5
Heat Detectors	5
Waterflow Switches	1
Horn/Strobes	24
Strobes	12
Enunciation Panels	1

E) **FIRE EXTINGUISHERS (SIZES)**

- 1) FRJ = 222 total
- 2) ORJ = 206 total
- 3) HREC = 20 total