

KENT INSTITUTION

APPENDIX C – Device List and Device Locations

KENT INSTITUTION																				
FIRE PROTECTION SYSTEMS - ASPECT # 1: Fire alarm system/devices																				
Component	main alarm panel	manual pull station	manual pull station-2stage	smoke detector	smoke detector	smoke alarm	heat detector RHT	pressure switch	pressure switch alarm	pressure switch	flow switch	tamper switch	strobe	horn with strobe	buzzer/chime	bell	ancillary devices	anunciator panel	fan/damper shut down relay	end of line resistor
Device Type				duct	photo/ion		rate of rise	low water	main	low air										
BUILDING	Make/Stage	Qty	Qty	Qty	Qty		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
MAIN	1- Edwards EST 3 - 1 stage		12	41	402		26	1		1	32	57	5		13	41	1	9	1	
GO	1- Edwards EST 3 - 1 stage	9		1	6		1							12						1
PE	1- Edwards EST 2 - 1 stage	2			5						1	1				2				
POD1	1- Edwards EST 3 - 2 stage		15	2	136				1		14	28			35					
POD2	1- Edwards EST 3 - 2 stage		15	3	163				1		13	28			32			1		
PWRH	1- Edwards EST 3 - 1 stage	2			2		1						2			2				
PMPH		1			1															
ST	1- Edwards EST 1 - 1 stage	2									1	1				1				1
PPV 1						3														
PPV 2						3														
PPV 3						4														
TOTAL		7	16	42	47	715	10	28	1	2	1	61	115	7	12	80	46	1	10	2

KENT INSTITUTION		
FIRE PROTECTION SYSTEMS - ASPECT # 2: Sprinkler systems/trees		
Component	Dry sprinkler system	Wet sprinkler system
Device Type		
BUILDING	Qty	Qty
MAIN	1	2- (covering 16 areas in main bldg)
GO		2
PE		1
POD1		1
POD2		1
ST		1
TOTAL	1	8

KENT INSTITUTION**FIRE PROTECTION SYSTEMS - ASPECT # 3: Emergency Lighting**

BUILDING	Location	Make	Watts	# of remote heads
GO	front entrance	Readylite	100	3
GO	training rm	Readylite	144	3
GO	mech rm 206	Readylite	100	2
GO	comm rm 205	Readylite	144	2
GO	elec rm 107	Readylite	144	3
GO	s stairwell bottom	Readylite	144	3
GO	n stairwell bottom	Readylite	144	3
PWRH	/	Lumacell	200	1
PMPH	/	Lumacell	360	1
PE	front entrance	Readylite	36	0
PE	control rm/bubble	Readylite	36	0
PE	2nd floor above elevator	Stanpro	36	0
PE	smo office	Readylite	100	0
MAIN	agda	Readylite	36	0
MAIN	by v&c	Readylite	36	0
MAIN	by v&c	Readylite	36	0
MAIN	admin lower	Readylite	144	4
MAIN	n admin stair	Readylite	36	0
MAIN	s admin stair	Readylite	36	0
MAIN	admin	Lumacell	36	0
MAIN	admin	Lumacell	36	0
MAIN	CER	Readylite		4
MAIN	admin stair to tunnel	Readylite	36	6
MAIN	gym gun walk	Readylite	72	0
MAIN	J/K mechanical	Central power system	34	17
MAIN	across from chapel	Readylite	100	0
MAIN	across from ops office	Readylite	160	0
MAIN	a&d	Beghelli	150	5
MAIN	library office	Emergilite	36	0
MAIN	elevator (on top of)	Emergilite	36	0
MAIN	hosp pharmacy	Lumacell	36	0
MAIN	hosp by pharmacy	Lumacell	72	0

MAIN	hosp by HC 118	Readylite	100	0
MAIN	hosp by nurses station	Readylite	100	0
MAIN	hosp # 14	Readylite	36	0
MAIN	hosp # 13	Lumacell	36	0
MAIN	gym office	Readylite	36	0
MAIN	J/K corridor	Readylite	36	0
MAIN	K office	Readylite	36	0
MAIN	J office	Readylite	36	0
MAIN	hosp control	Lumacell	36	0
MAIN	tunnel G/H door	Lumacell	36	0
MAIN	tunnel G/H	Stanpro	180	12
MAIN	tunnel E/F door	Readylite	36	0
MAIN	tunnel E/F	Readylite	150	12
MAIN	kitchen control	Readylite	36	0
MAIN	kitchen gun walk	Lumacell	100	0
MAIN	kitchen gun walk	Lumacell	36	1
MAIN	Tunnel C/D door	Readylite	36	0
MAIN	Tunnel C/D	Stanpro	180	12
MAIN	Tunnel A/B door	Readylite	36	0
MAIN	Tunnel A/B	Readylite	150	12
MAIN	Tunnel by sewage	Stanpro	36	0
MAIN	Tunnel by kitchen control	Readylite	36	0
MAIN	kitchen	Readylite	36	0
MAIN	kitchen	Readylite	36	0
MAIN	sacred services office	Lumacell	200	8
MAIN	2nd floor office closet	edwards	360	11
MAIN	iss	unicell	100	0
MAIN	laundry	Lumacell	36	0
MAIN	iss	unicell	36	0
MAIN	maint	Readylite	36	0
MAIN	boiler rm top of breakers	Readylite	36	0
POD 1	lunchroom	Lumacell	360	4
POD 1	gun walk elec E7-4	Readylite	360	14
POD 1	gun walk elec E5-15	Readylite	360	6
POD 2	gun walk elec top	Lumacell	360	8
POD 2	gun walk elec bottom	Lumacell	360	4
POD 2	gun walk elec top	Lumacell	360	5
POD 2	gun walk elec bottom	Lumacell	360	8
Total	69			144

KENT INSTITUTION				
FIRE PROTECTION SYSTEMS - ASPECT # 4: Fire Extinguishers/Exit lights on battery				
Type	ABC	CO2	K-guard	All exit lights on battery
BUILDING	Qty	Qty	Qty	Qty
MAIN	139	3	1	0
GO	6			16
COMP	1			0
PE	5			0
PFV1	1			0
PFV2	1			0
PFV3	1			0
PFV stor	1			0
SWT	1			0
PMPH	2			0
POD1	19			0
POD2	25/5 spares			0
PWRH	2			0
ST	4			0
vehicles/equipment	9			0
Towers	4			0
spares	2	5		0
Public works	1			0
Gas pumps	2			0
MS	1			0
VS	3			0
TOTAL	235	8	1	16

KENT INSTITUTION		
FIRE PROTECTION SYSTEMS - ASPECT # 5: Fire Hydrants		
Equipment	Hydrant only	
Location on site	Make	Type
By segregation	Terminal City	C71P
Behind A & B	Terminal City	C71P
Behind H yard	Terminal City	C71P
Behind G yard	Terminal City	C71P
ISS	Terminal City	C71P
Maintenance	Terminal City	C71P
Kitchen	Terminal City	C71P
2 lift station gate	Terminal City	C71P
By B yard	Terminal City	C71P
10 sport field	Century Mueller	Canada Valve
Rear POD 2	Century Mueller	Canada Valve
Rear POD 1	Terminal City	C71P
GO bldg	Terminal City	C71P
Pump house	Century Mueller	Canada Valve
TOTAL	14	

KENT INSTITUTION			
FIRE PROTECTION SYSTEMS - ASPECT # 6: Back Flow Preventers			
	Domestic water	Fire	Confined space
BUILDING	Qty	Qty	YES or NO
A-B	1		No
C-D	1		No
E-F	1		No
G-H	1		No
GO	2	1	No
N -north mech room	1		No
PE	1		No
PMPH	1	5	No
POD1	1	1	Yes
POD2	2	1	No
Q	5	1	No
V -south mech rm	2		No
TOTAL	19	9	

KENT INSTITUTION	
FIRE PROTECTION SYSTEMS - ASPECT # 7: Standpipe/Hose Cabinet systems	
Hose material	Nylon
BUILDING	QTY
A-B	5
C-D	4
E-F	5
G-H	5
HC	2
J-K	4
N	1
N-north mech	1
PC	1
POD1	14
POD2	15
R	2
TOTAL	59

KENT INSTITUTION		
FIRE PROTECTION SYSTEMS - ASPECT # 8: Kitchen Sprinkler Suppression systems		
BUILDING	Q-main	Q- bake shop
Make	Kidde	Kidde
Model	Wet chem	Wet chem
Actuation type	mechanical	mechanical
Number of cylinders	1	1
Number of nozzles	7	4
Number of fusible links	7	1
Size of cylinders	6 gal	2.66 gal

KENT INSTITUTION							
FIRE PROTECTION SYSTEMS - ASPECT # 9: Vesda smoke alarm system							
Component	main alarm panel	Fire works Panel	Key pad	Vesda controller	Annunciator	Sample Points	Comments
Device type/model				Xtralis VLS-300			
BUILDING	Qty/Make	Qty	Qty	Qty	Qty	Qty	
Pod 1	1-Edwards EST3	1	4	24	0	96	Veasda sampling points are in the inmate cell exhaust duct.
Pod 2	1-Edwards EST3	1	1	24	1	96	Veasda sampling points are in the inmate cell exhaust duct.

