

# MISSION MINIMUM INSTITUTION

## APPENDIX C – Device list and Device Locations

MISSION MINIMUM INSTITUTION																		
FIRE PROTECTION SYSTEMS - ASPECT # 1: Fire alarm system/devices																		
Component	main alarm panel	manual pull station	smoke alarm	smoke detector	smoke detector	smoke detector	heat detector	heat detector	excess pressure	pressure switch	pressure switch	pressure switch	flow switch	tamper switch	strobe	bell	ancillary devices	general alarm switch
Device Type				with CO	duct	photo/ion	fixed temp	rate of rise	pump run	low water	excess	low air						
BUILDING	Make/Stage	Qty			Qty	Qty	Qty	Qty				Qty	Qty	Qty	Qty	Qty	Qty	Qty
1	1-Edwards model IRC - 2 stage	4				7				1			1	2		6		4
2	1-Edwards IRC-3 1 stage	5							1			1	1	2		3		3
3	1-Edwards IRC-3 1 stage	11				6						1	4	9		6		11
4	1- Edwards model EST - 1 stage	3					1	6								2	1	
10		2						1								1		
14		1						2										
18		1						1								1		
20		2						1								1		2
20a	1-Edwards IRC-3	3						10								1		3
21	1-Edwards IRC-3	5				1						1	3	7		2		5
23		2						11								1		
24		2						7								1		
27	1- Mircom model 100 - 1 stage	2				8		1					1	3		1	2	
28								11								2		
29a			5				1								3			
29b			4												4			
34	1-Edwards IRC-3	2				1	5	1								1		
35		3					2	1								2		
36		1						2										1
38								1										
44																	1	
A1-A23	1(a) tab for panel details (23 in	10	101			73							23	46	5	32	38	
LU24	model EST-3 -2 stage	16		13	1	110		1			1	2	11	15	25			16
TOTAL		32	75	110	13	1	206	9	57	1	1	1	5	44	84	37	63	45

**MISSION MINIMUM INSTITUTION****FIRE PROTECTION SYSTEMS ASPECT # 1(a):**  
F/A panel make/model for houses

<b>BUILDING</b>	<b>Make</b>	<b>Model</b>
House A-1	Mircom 1 stage	1025T
House A-2	Mircom - 1 stage	1025T
House A-3	Mircom - 1 stage	1025T
House A-4	Mircom - 1 stage	1025T
House A-5	Mircom - 1 stage	FA-300
House A-6	Mircom - 1 stage	FA265
House A-7	Mircom - 1 stage	1025T
House A-8	Mircom - 1 stage	1025
House A-9	Mircom - 1 stage	FA-300
House A-10	Edwards - 1 stage	EST
House A-11	Edwards 1 stage	EST 1-121
House A-12	Edwards - 1 stage	EST
House A-13	Edwards - 1 stage	EST
House A-14	Edwards - 1 stage	EST
House A-15	Edwards - 1 stage	EST
House A-16	Edwards - 1 stage	EST
House A-17	Edwards - 1 stage	EST
House A-18	Edwards - 1 stage	EST
House A-19	Edwards - 1 stage	EST
House A-20	Edwards - 1 stage	EST
House A-21	Edwards - 1 stage	EST
House A-22	Mircom - 1 stage	101T
House A-23	Edwards - 1 stage	EST
<b>Total</b>	23	

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FIRE PROTECTION SYSTEMS - ASPECT # 2: Sprinkler systems/trees								
Component	Dry sprinkler system	Wet sprinkler system	check valve	water motor gong	Fire hose valve	compressor for dry system if applicable	flow valve	shut off valve
Device Type								
BUILDING	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
1		1	2		2		1	2
2		1	2		2		1	2
3		1	2		2		1	2
21	1 partial	1 partial	2	1	2	1	2	3
27		1	1				1	2
A1-A23		23						
LU24	1 partial	4	2				4	9
TOTAL	2	32	11	1	8	1	10	20

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

<b>BUILDING</b>	<b>Location</b>	<b>Make</b>	<b>Watts</b>	<b># of remote heads</b>
House 1	n/a	ready-lite	36	0
House 2	n/a	ready-lite	36	0
House 3	n/a	lumacell	72	0
House 4	n/a	lithonia	36	0
House 5	n/a	ready-lite	36	0
House 6	n/a	lumacell	36	0
House 7	n/a	ready-lite	36	0
House 8	n/a	lumacell	36	0
House 9	n/a	lumacell	72	0
House 10	by A10-15A	stanpro	36	0
House 10	by A10-14	edwards	36	0
House 10	by A10-3	stanpro	36	0
House 11	by A11-15A	edwards	230	0
House 11	by A11-3	edwards	36	0
House 11	by A 11-11	edwards	36	0
House 12	n/a	ready-lite	36	0
House 13	n/a	stanpro	100	0
House 14	n/a	dualite	250	0
House 15	n/a	lithonia	100	0
House 16	n/a	edwards	220	0
House 16	by A16-4	edwards	36	0
House 16	by A16-11	edwards	36	0
House 17	n/a	stanpro	72	0
House 18	n/a	ready-lite	36	0
House 18	by 133	edwards	36	0
House 18	by 138	edwards	36	0
House 19	n/a	stanpro	250	0
House 20	n/a	lumacell	36	0
House 21	n/a	beghelli	80	0
House 22	n/a	ready-lite	36	0
House 23	n/a	dualite	216	0

**MISSION MINIMUM INSTITUTION****FIRE PROTECTION SYSTEMS - ASPECT # 3: Emergency Lighting  
CONTINUED**

<b>BUILDING</b>	<b>Location</b>	<b>Make</b>	<b>Watts</b>	<b># of remote heads</b>
1	admin mech rm 1	stanpro	72	2
1	admin mech rm 2	stanpro	72	2
1	admin mech rm 3	stanpro	160	2
1	admin mech rm 4	dualite	160	2
1	admin mech rm 5	dualite	350	11
2	activities bldg progs elec	dualite	350	10
2	activities bldg progs elec	stanpro	36	0
3 / EAA 1	inst services 3-11	dualite	216	0
3/ EAA1	inst services 3-13	stanpro	216	2
3 / EAB 3	inst services 3-15	dualite	216	0
3/ EAA 1	inst services 3-23	stanpro	36	0
3 / EAA 1	inst services 3-24	beghelli	360	0
3 / EAA 1	inst services 3-26	dualite	216	4
3 / EAA 4	inst services 3-27	dualite	216	4
3	inst services 3-27	dualite	216	0
3 / EAA 3	inst services 3-30	stanpro	250	2
3	kitchen	dualite	216	0
10	carpentry above 10-2	ready-lite	36	0
10	carpentry above 10-3	ready-lite	36	0
16 (8) EM-1	electrical room	ready-lite	36	0
20	health services storage	stanpro	72	0
20a	health services	edwards	360	14
21	textiles 1st floor storage	ready-lite	250	10
21	textiles 2nd floor	ready-lite	250	12
23	chapel entrance	lumacell	36	0
23	chapel north	Stanpro	36	0
23	chapel south	Stanpro	36	0

**MISSION MINIMUM INSTITUTION****FIRE PROTECTION SYSTEMS - ASPECT # 3: Emergency Lighting  
CONTINUED**

<b>BUILDING</b>	<b>Location</b>	<b>Make</b>	<b>Watts</b>	<b># of remote heads</b>
24	multi purpose south	lumacell	36	0
24	multi purpose north	lumacell	36	0
27	psychology	stanpro	100	0
28	equip shed 3a-stair	ready-lite	36	0
28	equip shed 3a	lumacell	36	0
35	workshop 35-1	stanpro	36	0
35	workshop 35-2	ready-lite	36	0
35	workshop 35-3	beghelli	40	0
LU 24	bsmt south corridor next to stair 1	lumacell	200	0
LU 24	bsmt west corridor next to stair 2	lumacell	200	0
LU 24	bsmt east corridor next to stair 3	lumacell	200	0
LU 24	bsmt elec rm 016	lumacell	350	0
LU 24	ground floor west mech rm w110	lumacell	150	0
LU 24	ground floor north mech rm n110	lumacell	150	0
LU 24	ground floor east mech rm e110	lumacell	150	0
LU 24	ground floor storage rm 119	lumacell	200	0
LU 24	second floor west mech rm w209	lumacell	150	0
LU 24	second floor north mech rm n211	lumacell	150	0
LU 24	second floor east mech rm e209	lumacell	150	0
LU 24	south meeting rm 206	lumacell	250	0
<b>Total</b>	78			77

MISSION MINIMUM INSTITUTION					
FIRE PROTECTION SYSTEMS - ASPECT # 4:					
Fire Extinguishers/Exit lights on battery					
Type	ABC	CO2	K-guard	BC	All exit lights on battery
BUILDING	Qty	Qty	Qty	Qty	Qty
1	6	1			7
2	5				5
3	3		2		9
4	1				
10	2				
10a					
14	1				
18	1 and 10 spares				
20	5				
20a					
21	5			1	6
23	1				
24	1				
25	1				
27					
28	3				1
29a	2				
29b	2				
30	2			1	
31	1				
34	3			1	
35	and 2 on forklift and				3
36					
37	2				
38	1				
39	1				
40					
41					
42					
43					
44	1				
A1-A23	23				
LU24	19				22
TOTAL	108	1	2	3	53

MISSION MINIMUM INSTITUTION		
FIRE PROTECTION SYSTEMS - ASPECT # 5: Fire Hydrants		
Equipment	Hydrant only	
Location on site	Make	Type
south side of north access road- behind A13	#11 Century	FM
behind house A8	#6 Century	FM
in between house A7 and A12	#7 Century	FM
at LU 24	#8 Terminal City	C71P
beside house A17	# 10 Century	FM
beside house A6	#3 Century	FM
east of pond edge of gravel road	#9 Century	FM
between phone box and gazebo	#2 Century	Darling
beside house A22	#5 Century	FM
south end of bldg 3	#1 Century	FM
beside fuel tanks	#4 Century	FM
composter	#13 Century Mueller	FM
at entrance to property main road	Terminal City Iron	150 WP
NEW between sports field / Native grnds.	Century Mueller	FM
<b>TOTAL</b>	14	



MISSION MINIMUM INSTITUTION			
<b>FIRE PROTECTION SYSTEMS - ASPECT # 6:</b> Back Flow Preventers			
	Domestic water	Fire	Confined space
BUILDING	Qty	Qty	YES or NO
1	1	1	NO
2	1	1	NO
3		1	NO
20	1		NO
21		1	NO
27		1	NO
House A1		1	NO
House A2		1	NO
House A3		1	NO
House A4		1	NO
House A5		1	NO
House A6		1	NO
House A7		1	NO
House A8		1	NO
House A9		1	NO
House A10		1	NO
House A11		1	NO
House A12		1	NO
House A13		1	NO
House A14		1	NO
House A15		1	NO
House A16		1	NO
House A17		1	NO
House A18		1	NO
House A19		1	NO
House A20		1	NO
House A21		1	NO
House A22		1	NO
House A23		1	NO
<b>TOTAL</b>	3	28	

MISSION MINIMUM INSTITUTION		
FIRE PROTECTION SYSTEMS - ASPECT # 8: Kitchen Sprinkler Suppression systems		
BUILDING	3- main kitchen hood # 1	3- main kitchen hood # 2
Make	kidde	AMEREX
Model	wet chem	B260
Actuation type	mechanical	mechanical
Number of cylinders	1	1
Number of nozzles	4	2
Number of fusible links	4	2
Size of cylinders	4 gal	6L