

MOUNTAIN INSTITUTION

APPENDIX C – Device List and Device Locations

MOUNTAIN 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	heat detector	heat detector	heat detector	excess pressure	flow switch	tamper switch	CO2	horn	horn with strobe	strobe only	anunciator panel	fan/damper shut down relay	magnetic door holder
Device Type				duct	photo/ion	fixed temp	rate of rise	freezer	pump run									
BUILDING	Make/Stage	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
A1 & 2	edwards EST-3/ 1 stage	11			6	1	44						7					
A3 & 4	edwards EST-3/ 1 stage	8			1	8	23						6			Computer		
A17	edwards EST-3/ 1 stage		2	2	3					3	6		2				1	
A19	edwards EST-3/ 1 stage	3			1	1	12						1					
A20	edwards EST-3/ 1 stage	5			5		2						2					
A21	edwards EST-3/ 1 stage	6			2						2		2					
D	edwards EST-3/ 1 stage		4		3				1		1		8			1		
E /F	edwards EST-3/ 1 stage		4	2	14		21						6			computer & 1		
E1	edwards EST-3/ 1 stage	3				2	10						3					
E2	edwards EST-3/ 1 stage	3				2	10						2					
E3	edwards EST-3/ 1 stage	4				1	9						4					
E5	edwards EST-3/ 1 stage	2				1	16						3					
G	edwards EST-3/ 1 stage		4	3	32						3		3	2		1		
H	edwards EST-3/ 1 stage		4	2	2						3		3			1		
J	edwards EST-3/ 1 stage		2	2	2						3		2					
K	edwards EST-3/ 1 stage		3		2			11			1	2	11			1	2	1
LU1	edwards EST-3/ 1 stage		3	2	95						2		5			1	1	
LU2	edwards EST-3/ 1 stage		4	4	86						5		6	6	1	1	1	1
LU3	edwards EST-3/ 1 stage		4	4	86						5		6	6	1	1	1	1
LU4	edwards EST-3/ 1 stage		4	4	86						5		6	6	1	1	1	1
N	edwards EST-3/ 1 stage		7		1						2		4		2	1		
PFV1-2	edwards EST-3/ 1 stage	4			5		6						2					
PFV3	edwards EST-3/ 1 stage	1			2		1						1					
TA6	edwards EST-3/ 1 stage	3			2	1	2						1					
TA8	edwards EST-3/ 1 stage	2			2	2	5						1					
W5	edwards EST-3/ 1 stage	2			2	1	19						1	1				
W6	edwards EST-3/ 1 stage	3			1	1	7						2					
W13	edwards EST-3/ 1 stage	2									2		2					
Total	28	62	45	25	441	21	187	11	1	3	40	2	102	21	5	12	7	4

MOUNTAIN INSTITUTION						
FIRE PROTECTION SYSTEMS - ASPECT # 2: Sprinkler systems/trees						
Component	Wet sprinkler system	check valve	water motor gong	Fire hose valve	flow valve	shut off valve
Device Type				Fire Department Connection		
BUILDING	Qty	Qty	Qty	Qty	Qty	Qty
A17	1			1	3	3
A21	1			1	2	2
D	1	1		1	2	2
G	1	1		1	2	2
H	1	1		1	2	2
J	1	1		1	4	2
K	1	1		1	2	2
LU1	1	1	1	1	2	2
LU2	1	1		1	6	
LU3	1	1		1	6	
LU4	1	1		1	6	2
N	1	1		1	1	2
W13	1	1	1	1	2	2
TOTAL	13	11	2	13	40	23

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

BUILDING	NUMBER OF UNITS
A-4	1
A-17	4
A-20	4
A-21	1
D	7
E-1	0
E-2	2
E-3	0
E-5	2
E & F	7
G	4
H	4
J	2
K	6
LU-1	1
LU-2	12
LU-3	12
LU-4	12
N	1
TA-8	2
W-5	1
TOTAL	85

MOUNTAIN INSTITUTION				
FIRE PROTECTION SYSTEMS - ASPECT # 4:				
Fire Extinguishers				
Type	ABC	CO2	2A - Water	Class - D
BUILDING	Qty	Qty	Qty	Qty
A1 & 2	15	1		
A3 & 4	13			
A16	1			
A17	9			
A18	1			
A19	3			
A20	4			
A21	7			
D	11			
E	7			
E1	6			
E2	5		1	
E3	7			
E5	7			
F	1			
G	7			
H	12			
J	4			
K1	12			1
LU1	18			
LU2	19			
LU3	19			
LU4	19			
M2	1			
N	6			
PFV1-2	2			
PFV3	1			
SL1	1			
TA5	1			
TA6	2			
TA8	2			
W5	4			
W6	5			
W11	3			
W13	3			
Spares in E3	57			
TOTAL	295	1	1	1

MOUNTAIN INSTITUTION				
FIRE PROTECTION SYSTEMS - ASPECT # 5: Fire Hydrants				
Equipment	Hydrant only		Hydrant complete with hose	
Location on site	Make	Type	Make	Type
#3 - South of A-2			Canada Valve Century	Compression Barrel) (Dry
#5 - North of G (seg)			Canada Valve Century	Compression Barrel) (Dry
#6 - North of H	Canada Valve Century	Compression Barrel) (Dry		
#2 - South of PFV 2			Canada Valve Century	Compression Barrel) (Dry
#4 - North east of G	Canada Valve Century	Compression Barrel) (Dry		
#1 - West of E	Canada Valve Century	Compression Barrel) (Dry		
#8 - East of E-2			Canada Valve Century	Compression Barrel) (Dry
#7 - South of IMC	Canada Valve Century	Compression Barrel) (Dry		
#9 - West of LU-4	Canada Valve Century	Compression Barrel) (Dry		
#10 - East of LU 3	Canada Valve Century	Compression Barrel) (Dry		
#11 - North west of LU-2	Canada Valve Century	Compression Barrel) (Dry		
#12 - North east corner of LU-1			Canada Valve Century	Compression Barrel) (Dry
#13 - South east corner of LU-1			Canada Valve Century	Compression Barrel) (Dry
#14 - South west corner of LU-1	Canada Valve Century	Compression Barrel) (Dry		
#15 - North west corner of LU-1	Canada Valve Century	Compression Barrel) (Dry		
#16 - East of TA-8			Canada Valve Century	Compression Barrel) (Dry
#17 - South of J	Canada Valve Century	Compression Barrel) (Dry		
#18 - West of W-6			Canada Valve Century	Compression Barrel) (Dry
#19 - South east corner of N	Canada Valve Century	Compression Barrel) (Dry		
#20 - South west corner of parking lot	Canada Valve Century	Compression Barrel) (Dry		
#21 - Access road to WWTP	Canada Valve Century	Compression Barrel) (Dry		
TOTAL	13		8	

MOUNTAIN INSTITUTION			
FIRE PROTECTION SYSTEMS - ASPECT # 6:			
Back Flow Preventers			
	Domestic water	Fire	Confined space
BUILDING	Qty	Qty	YES or NO
A17	1	1	No
A21		1	No
D	1	1	No
G	3	1	No
H	6	1	No
J	1	1	No
K1	5	1	No
LU1	2	1	No
LU2	1	1	No
LU3	1	1	No
LU4	1	1	No
N	1	1	No
W13		1	No
WWTP	1		No
TOTAL	24	13	

MOUNTAIN INSTITUTION		
FIRE PROTECTION SYSTEMS - ASPECT # 7: Standpipe/Hose Cabinet systems		
Hose material	Nylon	Rubber
BUILDING	QTY	QTY
A1 & 2	2	
A3 & 4	1	
A17	3	
G	1	
LU1	1	4
LU2	4	
LU3	4	
LU4	4	
W13	1	
TOTAL	21	4

MOUNTAIN INSTITUTION		
FIRE PROTECTION SYSTEMS - ASPECT # 8: Kitchen Sprinkler Suppression systems		
BUILDING	K- servery	K- bakery
Make	Kidde	Kidde
Model	Wet chem	Wet Chem
Actuation type	mechanical	electrical
Number of cylinders	2	1
Number of nozzles	8	3
Number of fusible links	5	0
Size of cylinders	1 -6 gal 1- 4 gal	1 - 6 gal