

FIRE SAFETY PLAN



BUILDING NAME: **Albert Thornbrough Building**

BUILDING NUMBER: **159**

DATE:6-Oct-15 **FPO #2**

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INTRODUCTION

The Ontario Fire Code (O. Reg. 388/97) Section 2.8, requires the establishment and implementation of a Fire Safety Plan for every building containing a Group A or B occupancy, and for every building required by the Ontario Building Code (O. Reg. 403/97) to have a fire alarm system.

The implementation of a Fire Safety Plan helps to assure effective utilization of life safety features in a building, to protect people from fire. The required Fire Safety Plan should be designed to suit the resources of each individual building or complex of buildings.

Persons found in contravention may be subject to charges under the Fire Marshall's Act. and/or action as described in the Student's Rights and Responsibilities Contract.

INFORMATION FOR BUILDING OWNERS, PROPERTY MANAGERS AND OTHER PERSONS CONTROLLING PROPERTIES

The Fire Code (Ontario Regulation 388/97) is a provincial regulation made under the Fire Protection and Prevention Act 1997. This code requires the owner to be responsible for carrying out the provisions of this code, and defines "owner" as "any person, firm or corporation controlling the property under consideration". Consequently, the owner of University of Guelph buildings is the University of Guelph.

FIRE SAFETY PLAN

Copies of this official document are to be readily available at the locations indicated below:

1. University of Guelph, Fire Prevention Office.
2. Building Management: Dean, Director, Chair, Department Head, Unit Head,
3. University of Guelph, Campus Community Police Main Office.
4. Guelph Fire Department

FORWARD

CENTRAL MONITORING FIRE ALARM SYSTEMS:

The fire alarm system for this building is monitored by the University of Guelph Campus Community Police Dispatch Centre located in the Trent Building. The central monitoring control system is supervised by the Police Dispatch staff on a continuous basis.

Signals are transmitted via a supervised communication circuit to a computer terminal located at the Campus Community Police Dispatch Centre.

The recording device (computer) is designed and arranged to automatically provide a permanent record of the incoming signal, including the date and time of receipt.

The Campus Community Police Dispatch Centre is equipped with a direct fire telephone line to the City of Guelph Fire Department, and radio contact with the University of Guelph Fire and Campus Community Police Division.

EMERGENCY POWER SUPPLY:

This building is connected to the Campus Essential Power Distribution System, which is backed up by a 1100 kW diesel generator located in the Generator Building. The diesel generator will automatically start and transfer on line within twenty (20) seconds upon interruption of the normal Hydro supply.

WATER SUPPLY:

The campus grid system consists of 4 - 6 & 8 inch mains, supplied by the City of Guelph via one 12 inch water main. There are two standby 8 inch supply lines connected to the city water supply.

ACCESS KEYS:

The University of Guelph Campus Community Police and/or Fire Division will respond to the building and supply appropriate keys for the building and fire alarm panel(s), along with communication back to the Control Centre by portable radio. The City of Guelph Fire Department has a set of keys which will allow them access to all University of Guelph buildings.

AUDIT OF BUILDING DATA

BUILDING NAME: Thornbrough building (Engineering)

BUILDING NUMBER: 159

MUNICIPAL ADDRESS: 80 South Ring Road

OWNER/OCCUPANT: University of Guelph, School of Engineering

TYPE OF OCCUPANCY: Assembly/Offices/Teaching Labs

TYPE OF CONSTRUCTION: non-combustible

YEAR OF CONSTRUCTION: 1972, addition in 2000, South and North addition in 2013

HEIGHT OF BUILDING: 3 storeys and in some locations only 2 storeys. In the new north addition it is 4 storeys with a outdoor growing location on the roof.

AREA OF BUILDING: Approx 174,000 Sq.Ft.

APPROXIMATE NUMBER OF OCCUPANTS: Approx. 800

ANNUNCIATOR PANEL: There are two annunciator panels in the Albert Thornbrough building: 1) located in the vestibule facing west and the bus loop, you CAN NOT reset from this location 2) Located in the north vestibule, you can reset from this location.

FIRE ALARM CONTROL PANEL: The main fire alarm panel is located in the basement, access is via the centre stairwell (in original building) or the south stairwell.

PULL STATIONS: Located throughout the building at exits

AUDIBLE DEVICES: Bells are located throughout the building, Strobes have also been added

THERMAL HEAT DETECTORS: Located throughout the building

SMOKE DETECTION: Located throughout the building

AUTOMATIC SPRINKLER SYSTEMS: There are sprinklers in both additions (2000 and 2013) there are no sprinklers in the original building

STANDPIPE AND HOSE CABINETS: There are only hose cabinets in the area with the lecture hall on the first floor, one in foyer and one in the mechanical room above the lecture hall.

AUDIT OF BUILDING DATA contd.

FIRE PUMP: There is a fire pump in the basement of the new addition, north section. Room 0401.

PUMPER CONNECTION(S): There are two connections 1) located on the west wall facing the bus loop, just to the south of the main doors, this connection serves..... 2) located on the North wall beside the north entrance, this connection serves....

HYDRANT LOCATION: There are many hydrants around the Thornbrough building which could be utilised.

1) Located by the walkway to the north of the lecture theatre entrance, it is along the sidewalk 2) Located along the walkway to the west of the building by the bus loop. 3) Located to the north of the building across the road at the corner of Trent Lane 4) Located to the south east of the building in P10, on the grass area at the back of the building.

ELEVATORS: There are three elevators in the Engineering building. 1) Located in the oldest middle part of the building (enter from main west doors) this elevator is NOT rated for fire fighter use and does not have that capability. This elevator goes from the first to the third floors 2) Located in the 2000 addition in the centre east section of the building this elevator goes from the first to the second floors, and does not have fire fighter capability 3) Located in the north 2011 addition this elevator goes from the first floor to the fourth floor (penthouse and roof class access) this elevator is fire fighter rated and can be controlled during a fire alarm.

TRANSFORMER VAULT: There are two transformer rooms, one is located in the basement of the original centre building. This room can be accessed through either the centre stairwell or the south-west stairwell. The second room is in room 2330 of the 2000 addition, and is located along the north section of the addition.

NATURAL GAS MAIN SHUT-OFF LOCATION: Gas line has been capped off

FIRE FIGHTING EQUIPMENT

FIRE HOSE AND STANDPIPE SYSTEM: There are hose cabinets in the area of the first floor lecture hall only.

AUTOMATIC SPRINKLER SYSTEM: Both the 2000, and the 2013 additions have been equipped with sprinklers. The original centre portion of the building does not have sprinklers. There are two connections 1) located on the west wall facing the bus loop, just to the south of the main doors, this connection serves..... 2) located on the North wall beside the north entrance, this connection serves....

FIRE PUMP AND CONTROL VALVES: There is a fire pump in the north basement of the 2011 addition. Room 0401

PORTABLE FIRE EXTINGUISHERS: Located throughout the building

AUTOMATIC FIRE SUPPRESSION SYSTEMS: N/A

AUDIT OF HUMAN RESOURCES

DIRECTOR OF SCHOOL OF ENGINEERING:

Hussein A. Abdullah, Extension 52430

Office: 2408 Thornbrough

“ON CALL” MANAGER(S):

The University Police maintains a list of 24 hour “on call” personnel for each campus building.

CHIEF FIRE WARDEN (both MINS & MACS):

Phil Watson, extension 53870

John Whiteside , extension 54424

MAINTENANCE DEPARTMENT WORK REQUESTS:

Extension **53854** 08:00 to 16:30 hrs. Monday - Friday.

EMERGENCY SUPERVISORY PERSONNEL:

University of Guelph **824-4120**

24-hours - Emergency Ext: 52000

Police ext. **52245**

Fire ext. **52071**

AUDIT OF BUILDING RESOURCES

BUILDING CONSISTS OF: The original building has seen at least 3 additions onto it in the past 10 years. For this reason there are three separate basement areas of the building which are not connected. As well there are some parts of the building that are as high as 4 floors and others that are only 2 floors. There is a floor plan attached at the end of this document which will show the location of most items.

PRIMARY ACCESS: Main west entrance off of bus loop

SECONDARY ACCESS: North entrance at Reynolds Walk

STAIRWELLS: There is one stairwell at the south east corner of the building, one at the main west entrance and one at the north end.

DIAGRAMS AND FLOOR PLANS:Appendix B

DESIGNATED ALTERNATIVE SHELTER: University Center

MEETING AREA FOR CHIEF FIRE WARDEN & FIRE WARDENS: By main west entrance

ALTERNATIVE MEASURES FOR OCCUPANT SAFETY

Ontario Regulation 388/97,(Ontario Fire Code) Section 6.3.1.4. states that Fire Alarm systems must be maintained in operating condition.

NO ONE MAY SHUT DOWN OR ARRANGE TO SHUT DOWN A FIRE ALARM SYSTEM ON CAMPUS WITHOUT PRIOR CONSULTATION WITH UNIVERSITY OF GUELPH FIRE DIVISION

SITE NAME: [Albert Thornbrough](#)

ADDRESS: University of Guelph

CITY: Guelph, ON

A) FIRE ALARM PRE-PLANNED SHUTDOWN:

In the event of the need to shut down the fire protection equipment/system or part thereof, Campus Community Police Dispatch must be informed at EXT. 52245. Campus Community Police Dispatch will notify the Guelph Fire Department. The occupants of the building will be notified by posting notices on each floor and in the common areas in the building, 48 hours prior to a scheduled shutdown of any fire protection equipment/systems. Signage explaining the shutdown will be provided and installed by University Fire Prevention, Campus Community Police, Physical Resources or contractors, depending on the situation.

B) FIRE ALARM FAILURE:

In the event of a failure of the fire protection equipment/system or part thereof, the Guelph Fire Department will be notified immediately by University Police Dispatch. The occupants of the building will be notified by the immediate posting of notices on each floor and in the common areas of the building. Signage explaining the failure will be provided and installed by University Fire Prevention, Campus Community Police or Physical Resources or contractors, depending on the situation. If a fire watch is needed the Campus Community Police and Fire Prevention officers will initiate the watch as needed.

In addition, in both the foregoing situations:

1. In advance of any shutdown of the fire protection equipment/system or part thereof Physical Resources will notify the Campus Community Police Dispatch and the effected departments.
2. The Guelph Fire Department will be notified by Campus Community Police Dispatch or Fire Prevention of the shutdown/failure date and the estimated length of time of the shutdown. Upon completion of the repairs, the Fire Department will be notified when the system is in working order. Periodic updates may be requested.

METHOD & FREQUENCY OF CONDUCTING FIRE DRILLS

The University Fire Division will ensure fire drills are conducted as required. MacDonald Institute requires an annual fire drill. The purpose of the fire drill is to ensure that staff is familiar with emergency evacuation procedures, resulting in orderly evacuation with efficient use of exit facilities.

Building management will not be advised of fire drill date or times, unless the University Fire Division deems it necessary.

All designated supervisory personnel will be provided access to a copy of the Fire Safety Plan prior to being assigned any fire related duties/responsibilities, by the Chief Fire Warden. Each Unit Head will have a copy of this Fire Safety Plan.

Campus Community Police Dispatcher will notify the City Fire Department that we are conducting the drills, and the City will be invited to participate.

The fire drill should include, but not necessarily be restricted to:

- a) a check of the annunciator panel identifying the alarm source/location.
- b) check to ensure elevator(s) operate as designed during a fire alarm.
- c) review of the fire alarm systems, silence and re-set procedures.
- d) ensuring proper evacuation of persons during the alarm
- d) practice of emergency evacuation plan with Fire Wardens.

Following each drill, all persons with delegated responsibility shall attend a debriefing session to report on the actions and the reactions of the participants. The University Fire Division shall keep a record of the date the drill was conducted as well as any problems or complaints that arose during the drill.

EMERGENCY SUPERVISORY PERSONNEL

DISPATCH:

All Dispatch Personnel, upon receipt of a computer, radio or telephone message indicating that the building fire alarm has been activated or that smoke or fire has been discovered, shall immediately:

1. Telephone the Guelph Fire Department using the direct fire line. Identify yourself, advise the Fire Department of the location of the alarm.
2. Contact the University of Guelph Fire Prevention officer and/or Police Officer and advise them of the alarm and that the Guelph Fire Department has been notified and are on the way.
3. Contact other persons/agencies or Departments as requested/required.

POLICE AND FIRE OFFICERS:

Upon receiving the fire alarm notification from dispatch, respond to the building and prepare for the arrival of the Guelph Fire Department.

1. Obtain from the annunciator panel, the location of the alarm.
2. Obtain information from Building Manager, Safety Officer or Chief Fire Warden, on the cause of the alarm and if any occupants are known to be unaccounted for.
3. Assist the Guelph Fire Department with necessary information and provide a copy of the Fire Safety Plan on their arrival.
4. The fire alarm panel shall not be silenced or reset until approved by the Guelph Fire Department.
5. Confirm reset with Control and/or initiate corrective measures.

SUPERVISORY PERSONNEL

DEAN, DIRECTOR, CHAIR, or UNIT HEAD:

- Is responsible in general for the safety of all persons in this building.
- Be in charge of implementing the approved Building Fire Safety Plan and the specific responsibilities of the personnel.

MANAGER or CHIEF FIRE WARDEN:

In an Emergency:

- Notify Police Dispatch of the emergency condition by calling extension **2000** to ensure Police Dispatch has received the alarm.
- Ensure alarm is sounding and supervise the evacuation of the occupants.
- Meet fire wardens at predetermined location.
- Upon arrival of City/Campus Emergency Services, inform the Responders of conditions in the building and assist where directed.
- Take steps to ensure evacuees do not return to the building until "all clear" has been given by Emergency Responders.
- Direct evacuees to temporary shelter.
- Liaison with City/Campus Emergency Services and assist when needed.

As required:

- Maintenance of building facilities - provide for safety of occupants.
- Implement procedures to be followed during emergencies.
 - Follow up on request to Physical Resources for the repair of building safety features.
- Arrange training for staff in the implementation & maintenance of the Fire Safety Plan and fire equipment.
- Ensuring there are alternate Chief Fire Warden & Fire Wardens available if needed.
- Control of fire hazards in the building.
- Maintain records of fire safety checks and inspections.

UNIVERSITY FIRE DIVISION:

- Ensure that checks, inspections and tests, as required by the Fire Code, are completed on schedule and that records are retained.
- Provide training seminars which are open to the University Community. Building specific seminars are also available to be set up through your department. University of Guelph Fire Prevention Officers are available for assistance in any area of Fire Safety. Please contact our office to set up training for your building, or to learn about upcoming training events X52071.

PHYSICAL RESOURCES:

- Assist the Building Manager in his/her responsibilities.
- Ensure that checks, inspections and tests, as required by the Fire Code, are completed on schedule and that records are retained including any repairs and said records forwarded to the Building Manager and Fire Division.

THOSE IN NEED OF ASSISTANCE DURING AN EVACUATION

LOCATION

NAME

DISABILITY

CHECKS, TESTS AND INSPECTIONS LISTING

Items bolded will be the responsibility of building fire safety personnel/occupants. If any deficiencies are found please report them to the Fire Division at 52071.

- CHECK** - Means visual observation to ensure the device or system is in place and is not obviously damaged or obstructed.
- INSPECT** - Means physical examination to determine that the device or system will apparently perform in accordance with its intended function.
- TEST** - Means operation of device or system to ensure that it will perform in accordance with its intended operation or function.

The University of Guelph will be responsible for the implementation of the following schedule of checks, tests & inspections, whether by on-site personnel or contractors.

<u>REF. NO.</u>	<u>REQ'd</u>	<u>ITEM</u>
<u>DAILY</u>		
2.7.3.1.		
2.7.3.2.	Check	To ensure that all exit lights are not damaged, are illuminated and clearly legible.
6.3.2.3	Check	Fire alarm system for indication of trouble in the system.
6.6.3.2	Check	Fire pump room temperature during freezing weather.
2.2.3.5.(1)	Check	That all fire separation doors are kept closed.
<u>WEEKLY</u>		
6.5.3.1		
6.6.1.2	Check	That unsupervised fire protection water supply system control valves are always fully open.
6.5.3.3	Check	That air pressure on dry pipe sprinkler system is being maintained.
6.6.3.1	Check	Water level in fire pump reservoirs.
6.6.3.3. (1) (2)	Inspect	Operate fire pump. The fire pump discharge pressure, suction pressure, lubricating oil level, operative condition of relief valves, priming water and general operating conditions shall be inspected during the weekly operation of the fire pump.

<u>REF. NO.</u>	<u>REQ'd</u>	<u>ITEM</u>
2.6.1.3.(1)	Check	Hoods, filters and ducts subject to combustible deposits and clean as necessary.

MONTHLY

6.2.7.2.	Inspect	All portable fire extinguishers.
6.3.2.3.	Check	All fire alarm components, including standby power batteries.
6.3.2.1.	Test	Fire alarm system.
6.3.2.4.	Test	Voice communication to and from floor areas to the central alarm control facility.
6.4.2.1.	Inspect	Hose cabinets to ensure hose position and that equipment is in place. Report deficiencies to Fire Department.
2.2.3.4.	Check	All doors in fire separations.
6.5.5.2.	Test	Sprinkler alarms using alarm test connection (mechanical signal only).
6.7.1.1.	Test	All components of the emergency power systems, operate the emergency power generator set under at least 30% of rated load for 60 minutes.
6.7.1.1.	Check	Clean crankcase breathers, governors and linkages on emergency generators.

EVERY TWO MONTHS

6.5.5.7.	Test	Electrical sprinkler transmitters and water flow devices.
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EVERY THREE MONTHS

7.2.2.1.(2)	Test	Elevator key-operated switches located outside an elevator shaft shall be tested to ensure that actuation of the switch will render the emergency stop switch in each car inoperative and bring all cars to the first floor by cancelling all other calls after the car has stopped at the next floor at which it can make a normal stop.
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<u>REF. NO.</u>	<u>REQ'd</u>	<u>ITEM</u>
7.2.2.1.(3)	Test	Key operated switches in each elevator car shall be tested to ensure that the actuation of the switch will: (A) Enable the elevator to operate independently of other elevators. (B) Allow operation of the elevator without interference from floor call buttons. (C) Render door protective devices inoperative. (D) Control the opening of power-operated doors only by continuous pressure on the door opening buttons or switches to ensure that if the "open" button or switch is released while the door is opening, the door will automatically close.

ANNUALLY

6.2.7.1.	Service	All portable fire extinguishers.
6.3.2.2.	Test	Fire alarm system in accordance with CAN/ULC-S536-“Inspection and Testing of Fire Alarm Systems”.
6.3.2.4.	Test	Fire alarm system voice communication in accordance with CAN/ULC S536 “Inspection and Testing of Fire Alarm Systems”.
6.4.2.4.	Inspect	Hose valves to ensure tightness and to ensure no water leakage.
6.4.2.5.(1)	Inspect	Remove and re-rack hoses and replace worn gaskets.
6.4.1.3. (1) & (2)	Inspect	Remove plugs or caps on fire department standpipe and hose system connections and inspect the threads for wear, rust or obstruction. Plugs or caps will be secured wrench tight.
6.5.3.2.	Check	Exposed sprinkler system pipe hangers.
6.5.3.5.	Check	All sprinkler heads.
6.5.4.4. (1) & (2)	Inspect	Remove plugs or caps on fire department sprinkler connections and inspect the threads for wear, rust or obstruction. Plugs or caps will be secured wrench tight.

<u>REF. NO.</u>	<u>REQ'd</u>	<u>ITEM</u>
6.5.5.3.	Test	Water flow on wet sprinkler system using most remote test connection.
6.5.5.4. (1)(2)(3)(4)(5)	Test	Trip-test dry pipe trip system.
6.5.5.5.	Test	Flow of water supply using main drain valve.
6.6.3.5.	Test	Fire pump at full rated capacity.
6.7.1.1.	Test	All components of the emergency Power generating system in accordance with CSA-C282 "Emergency Electrical Power Supply for Buildings".
2.2.3.7.	Inspect	All fire dampers and flue pipes and clean as necessary.
2.6.1.5.	Inspect	Chimneys, flues and flue pipes and clean as necessary.
2.6.1.8.	Inspect	Disconnect switch for mechanical air conditioning and ventilation.
7.2.3.1.(4)	Inspect	Controls for air handling system used for venting in the event of a fire conform to Ontario Building Code 3.2.6.2.(2)(3)(4).

EVERY FIVE YEARS

6.2.7.1.	Test	Carbon dioxide and water type extinguishers hydrostatically (NFPA 10).
6.4.3.6.	Test	Standpipe system piping which normally remains dry hydrostatically.

EVERY SIX YEARS

6.2.7.1.	Check	Empty stored pressure type extinguishers and subject to maintenance. (NFPA 10).
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EVERY TWELVE YEARS

6.2.7.1.	Test	Hydrostatically test dry chemical and vaporizing liquid type extinguishers. (NFPA 10).
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REF. NO. REQ'd
EVERY FIFTEEN YEARS

ITEM

6.5.4.2. Inspect Dry pipe sprinkler system and flush if necessary.

AS REQUIRED

6.2.7.6. Recharge Extinguishers after use or as indicated by an inspection or when performing maintenance.

6.4.3.2. Test Hydrostatically test standpipe systems that have been modified, extended or are being restored to use after a period of disuse exceeding one year.

6.5.3.4. Check Dry sprinkler pipe valve rooms or enclosures during freezing weather.

6.5.4.1. Inspect Auxiliary sprinkler drains to prevent freezing.

2.5.1.2.(2) Check To ensure that the fire department sprinkler and standpipe connections are clearly identified and maintained free of obstructions for use at all times.

2.5.1.2.(1)

2.5.1.3. Check To ensure that fire access routes and access panels or windows provided to facilitate access for fire fighting operations are not obstructed at all times by vehicles, gates, fences, building materials, vegetation, signs or any other form of obstruction.

2.7.1.7.(1) Check Maintain corridors free of obstructions.

2.4.1.7. Check Clean lint traps in laundry equipment .

APPENDIX A

EMERGENCY EVACUATION PROCEDURES
(when a fire alarm rings)

All Alarms must be taken seriously, and treated as real.

Scope:

- The following instructions are provided to ensure safe evacuation from any University building in the event of an emergency and apply to all employees, students and visitors.
- All persons should familiarize themselves with the floor plan of the building and in particular the stairwells and exits from buildings.
- University Policy #851.03.01 states that everyone shall evacuate when the fire alarm rings

When alarm bells sound:

- Leave the building as quickly and safely as possible using the stairs.
- **Do not use the elevator.**
- Walk, do not run.
- Advise the fire wardens at the building entrance of any individuals having difficulties evacuating or if you notice any signs of a fire.
- Do not enter the building until the all clear has been given by the Guelph Fire Department, Campus Community Police, University Fire Prevention, or Fire Warden.

**EMERGENCY EVACUATION PROCEDURES FOR PERSONS WITH
DISABILITIES**
(when a fire alarm rings)

All Alarms must be taken seriously, and treated as real.

Scope:

- The following instructions are provided to ensure safe evacuation for individuals with disabilities from any University building in the event of an emergency and apply to all employees, students and visitors.
- All persons with disabilities and their support staff should familiarize themselves with the floor plan of the building and in particular the location of the stairwells and exits from the building.
- An evacuation plan should be established for individuals with disabilities before an actual emergency arises.

Procedures:

- Leave the building as quickly and safely as possible if able to do so safely.
- **Do not use the elevator.**
- The volunteer or support staff member should not endanger themselves but have a duty to ensure occupants with disabilities are aware of the emergency and to assist them to a location inside the stairwell.
- If time permits the volunteer or support staff member should phone extension 52000 and report the location and any other relevant information to Campus Community Police Dispatch.
- No one should attempt to carry a disabled person down the stairs but rather proceed down the stairs and report the location of the disabled person to the Fire Warden or responding emergency personnel.
- Guelph Fire Department will locate the individuals and if needed evacuate them.

APPENDIX B

APPENDIX C

MASTER LIST OF FIRE EXTINGUISHERS

SERIAL #	BUILDING NAME	LOCATION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Ann
338146	Albert Thornbrough	by 3102													
338152	Albert Thornbrough	by 3112													
681322	Albert Thornbrough	by 3rd floor elev													
338153	Albert Thornbrough	by 2118													
508489	Albert Thornbrough	by 2112													
338139	Albert Thornbrough	by 2103													
770367	Albert Thornbrough	by 1002													
961609	Albert Thornbrough	room 1008													
770357	Albert Thornbrough	by 1008													
961587	Albert Thornbrough	room 1012													
961015	Albert Thornbrough	penthouse room 2001													
961010	Albert Thornbrough	penthouse room 2001													
961597	Albert Thornbrough	room 1009													
961600	Albert Thornbrough	room 1007													
241776	Albert Thornbrough	by 1101													
	Albert Thornbrough	room 1103													
	Albert Thornbrough	room 1104													
	Albert Thornbrough	room 1105													
	Albert Thornbrough	room 1106													
	Albert Thornbrough	room 1107													
241775	Albert Thornbrough	by room 1107													
	Albert Thornbrough	room 1110													
241774	Albert Thornbrough	by room 1120													
	Albert Thornbrough	room 1120													
	Albert Thornbrough	room 1118													
	Albert Thornbrough	room 1116 B													
241791	Albert Thornbrough	by 1116 A													
770350	Albert Thornbrough	by 1015													
43055	Albert Thornbrough	room 1105 W													
705373	Albert Thornbrough	room 1015 post welding area													
14197	Albert Thornbrough	room 1015 E													
512719	Albert Thornbrough	room 1015 welding cart													
752670	Albert Thornbrough	room 1025													
	Albert Thornbrough	room 1128													
14250	Albert Thornbrough	room 1131													
24176	Albert Thornbrough	by 1130													

CODES

G = Good
D = Discharged
A = Ass. Req.

MASTER LIST OF FIRE EXTINGUISHERS

SERIAL #	BUILDING NAME	LOCATION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Ann
	Albert Thornbrough	room 1130													
	Albert Thornbrough	room 1132													
961599	Albert Thornbrough	room 1133													
177058	Albert Thornbrough	room 1135													
773180	Albert Thornbrough	by 1140													
17875	Albert Thornbrough	HC 1200 W													
141030	Albert Thornbrough	HC 1200 E													
10688C	Albert Thornbrough	room 1131													
732962	Albert Thornbrough	room1311													
961598	Albert Thornbrough	by 1319													
17896	Albert Thornbrough	by 1344													
64882C	Albert Thornbrough	room 1330 mechanical													
79945C	Albert Thornbrough	1st Flr North by washroom													
961589	Albert Thornbrough	by reception 1st Flr North													
103326	Albert Thornbrough	by 1423													
141033	Albert Thornbrough	by 1428													
34364	Albert Thornbrough	by 2nd Flr exit S/W													
770343	Albert Thornbrough	in lounge room 2420													
14230	Albert Thornbrough	by 2365													
752683	Albert Thornbrough	by 2365													
107203	Albert Thornbrough	by 2344													
272460	Albert Thornbrough	by 2319													
34292	Albert Thornbrough	by2308													
14162	Albert Thornbrough	room 2131													
107249	Albert Thornbrough	room 2133													
14248	Albert Thornbrough	room 2135													
961581	Albert Thornbrough	by 2nd Flr west entrance													
770356	Albert Thornbrough	room 3402													
43413	Albert Thornbrough	room 3404													
43023	Albert Thornbrough	by 3rd floor S/W exit													
141554	Albert Thornbrough	room 3405													
770352	Albert Thornbrough	3rd flr N/E at elevator													
770365	Albert Thornbrough	4th Flr at elevator													
770266	Albert Thornbrough	room 4401													
942750	Albert Thornbrough	room 0401													
19593	Albert Thornbrough	Basement 01 east													

CODES

G = Good
D = Discharged
A = Ass. Req.

MASTER LIST OF FIRE EXTINGUISHERS

SERIAL #	BUILDING NAME	LOCATION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Ann
19567	Albert Thornbrough	Basement 03													
42403	Albert Thornbrough	Basement 01 east													

CODES

G = Good
D = Discharged
A = Ass. Req.