



# **PYR-TECH, INC.**

## **STRUCTURE SUMMARY REPORT**

*for*

**RELIABLE INSURANCE COMPANY**

**FILE NO. 12-345  
THE BEAR LODGE**

**ASSIGNED BY  
MS. KELLY MARKS**

**843 St. Louis Road  
Collinsville, Illinois 62234  
pyrtech.com**

**618-344-1621  
314-241-0925  
FAX 618-344-1852**

DATE ASSIGNED 07/12/05 SCENE EXAM DATE 07/12/05 EXAM TIME 1200 FILE NO. 12-345

FILE NAME The Bear Lodge POLICY # 123-456-789 CLAIM # 22-333-444-5

dba or other \_\_\_\_\_

INCIDENT LOCATION 1414 North Grey Street CITY St. Louis STATE Missouri

OCCUPANT / OWNER / OTHER Ms. Rosey Clark (owner)  
(If Different Than File Name)

DATE OF INCIDENT 07/11/08 TIME 0403 DAY OF WEEK Friday COUNTY St. Louis

**TYPE OF STRUCTURE**

- Single Family Residence
- Multi Family Residence
- Manufactured Home
- Recreational
- School
- Church
- Business
- Manufacturing
- Garage
- Other \_\_\_\_\_

**EXTERIOR CONSTRUCTION**

- Brick
- Block
- Concrete
- Aluminum
- Steel
- Frame/Covering \_\_\_\_\_
- Other \_\_\_\_\_

**INTERIOR CONSTRUCTION**

- Wallboard
- Paneling
- Plaster
- Block
- Concrete
- Other \_\_\_\_\_
- STUDS**
- Wood
- Metal

Roof Type Flat Covering Comp. Roll

Basement  Full  Partial  None

No. Of Floors Two

No. Of Apartments- Or- Business Units \_\_\_\_\_

**ELECTRICAL SYSTEM**

Main Service:  Fuses  Circuit Breakers

Panel Manufacturer Square P Amps 200

Cat. No. FKL-2378 No. Branch Circuits 18

Location Second Floor Hallway

Trip / Blown \_\_\_\_\_

Auxiliary Panel:  Fuses  Circuit Breakers

Panel Manufacturer Square P Amps 100

Cat. No. JMW-512 No. Branch Circuits 5

Location Second Floor Hallway

Purpose Of Auxiliary Panel Additional Electrical Distribution

- Natural Gas
- LP Gas
- Oil
- Electric
- Fossil Fuel
- Other \_\_\_\_\_

**HEATING SYSTEM**

Mfgr. Carrier

Model 4-5723

Serial No. 298-56

Btu Input 100,000

Forced Air  Radiant

Hot Water/Steam Burners 4

Location In Basement

- Natural Gas
- LP Gas
- Electric
- Other \_\_\_\_\_

**WATER HEATER**

Mfgr. Rheed BTU 30,000

Model 20-149 Cap 40

Serial 33-H7 Watts \_\_\_\_\_

Location Multiple Locations, See Diagram

- Central
- Room

**AIR CONDITIONING**

**Unit Operating**

Yes  No  Unk

**Power To Unit**

Yes  No  Unk

Mfgr. Carrier

Model 713-5555

Serial HK-345

Amps 24

Location In Each Room

**BRANCH CIRCUIT WIRING**

- Copper
- Aluminum
- Safety Ground
- Romex Plastic Sheathed
- Romex Fabric Sheathed
- BX/Greenfield
- Conduit
- Knob and Tube
- Other \_\_\_\_\_
- Unknown

**SERVICE ON AT TIME OF LOSS**

Electric: Yes  No  Unknown  No Service

Gas: Yes  No  Unknown  No Service

Electric Co. Amroon TI

Gas Co. Amroon TI

FIRE DEPARTMENT St. Louis Fire Department

LAW ENFORCEMENT St. Louis Police Department

OTHER AGENCIES INVOLVED

St. Louis Bomb and Arson Unit

**Alarm Co. Name / Local**

- Fire Alarm  Yes  No Monitored By Links
- Burglar Alarm  Yes  No Monitored By \_\_\_\_\_
- Smoke Detector  Yes  No Monitored By Links
- Sprinkler System  Yes  No Monitored By Links
- CO Detector  Yes  No Monitored By \_\_\_\_\_

Remarks: CO Detectors Also Present

‡ *identification destroyed or unreadable*

U = Unknown

TYPE EVIDENCE COLLECTED	LOCATION RECOVERED
1. <b>Floor Debris</b>	<b>Second Floor Hallway</b>
2. <b>Branch Wiring</b>	<b>Second Floor Hallway</b>
3. <b>Electrical Distribution Panel</b>	<b>Second Floor Hallway</b>
4. _____	
5. _____	
6. _____	
<b>REMARKS or ADDITIONAL EVIDENCE:</b> <b><u>Latex gloves were used for evidence removal and are included with samples.</u></b>	

**NARRATIVE:**

The origin and cause examination revealed a two story, brick building with a composite flat rolled roof. The building was being used as a lodge and contained 25 guest rooms, as well as a laundry room, conference area, exercise room and office.

The fire originated at floor level on the south end of the second floor hallway. An electrical distribution panel with evidence of arcing was located near the area of origin. However, this unit appeared to be located above the area of heaviest damage. Irregular burn patterns noted on the floor in this area indicated an ignitable liquid may have been used. The electrical distribution panel, branch wiring and floor debris were taken as evidence and sent to their respective laboratories. At this time, the exact cause of the fire can not be conclusively determined.

This agency was advised the owner of *The Bear Lodge* was Ms. Rosey Clark. Ms. Clark stated she was at the building on the day of the fire until 10:00 p.m. She stated when she left, five rooms were occupied and there was one employee in the office. That employee was identified as Ms. Clark's twenty-one year old son, Mr. Steven Clark. During the interviews with Ms. Clark and her son, it was learned access to the second floor hallway was only available with a key. Guests used this key to access the exercise room located on the south end of the hallway. However, at the time of the fire, the key was not checked out and was located in a drawer in the office.

A copy of the St. Louis Fire Department Incident Report for this fire was requested, as well as a report for an additional fire that occurred in this structure two years prior. The earlier incident was the result of a guest on the north end of the building carelessly discarding a cigarette. These reports will attached to the detailed report prepared by this agency.

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**Investigator: FIRST NAME LAST NAME, IAAI-CFI**

Type: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Model \_\_\_\_\_ Serial \_\_\_\_\_  
 Volts \_\_\_\_\_ Amps \_\_\_\_\_ Watts \_\_\_\_\_ Capacity \_\_\_\_\_  
 BTU \_\_\_\_\_ Unit:  On  Off  
 Location \_\_\_\_\_  
 Remarks \_\_\_\_\_  
 \_\_\_\_\_

**ELECTRICAL SYSTEM**

Fuses  Circuit Breakers  
 Panel Manufacturer \_\_\_\_\_ Amps \_\_\_\_\_  
 Cat. No. \_\_\_\_\_ No. Of Branch Circuits \_\_\_\_\_  
 Location \_\_\_\_\_  
 Purpose Of Panel \_\_\_\_\_  
 \_\_\_\_\_

Type: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Model \_\_\_\_\_ Serial \_\_\_\_\_  
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