



Saint Paul Fire Department
645 Randolph Avenue
Saint Paul, MN 55102
(651) 224-7811

NFIRS-1 Basic

A

62210	MN	01	11	2025	Station #8 (08)	SPFD250111001996	0
FDID	State	Month	Day	Year	Station	Number	Exposure

B **Location Type**

Census tract:
0305.00

- ☒ Street Address
☐ Intersection
☐ In Front Of
☐ Rear Of
☐ Adjacent To
☐ Directions
☐ US National Grid

80		COTTAGE	AVE-Avenue	W-West
Number	Prefix	Street or Highway	Street Type	Suffix

	Saint Paul	MN	55117
Apt./Suite/Room	City	State	Zip Code

Cross Street

C

Incident Type

111-Building fire

D

Aid Given Or Received

- ☐ 1 Mutual Aid Received
☐ 2 Auto. Aid Received
☐ 3 Mutual Aid Given
☐ 4 Auto. Aid Given
☐ 5 Other Aid Given
☒ None

Their FDID	Their State
Their Incident Number	

E1 **Dates and Times**

Alarm	01	11	2025	05:26
Arrival	01	11	2025	05:30
Controlled				
Last Unit Cleared	01	11	2025	09:49

E2 **Shifts and Alarms**

C	1	D2
Shift or Platoon	Alarms	District

E3 **Special Studies**

9244	3 - No, COVID 19 was not a factor
ID#	Value

F Actions Taken

11-Extinguishment by fire service personnel

Primary Action Taken

G1 Resources☒ Apparatus or Personnel Module is used.

	Apparatus	Personnel
Suppression	<div>13</div>	<div>0</div>
EMS	<div>2</div>	<div>0</div>
Other	<div>1</div>	<div>0</div>

☐ Resource counts include aid received resources.**G2 Estimated Dollar Losses and Values****Losses:** Required for all fires if known. Optional for all non-fires. NoneProperty: \$

175,000.00

☐Contents: \$

85,000.00

☐**Pre-Incident Values:** Optional NoneProperty: \$

175,000.00

☐Contents: \$

85,000.00

☐**Completed Modules**

- ☐ 2 - Fire
- ☐ 3 - Structure Fire
- ☐ 4 - Civilian Fire Cas.
- ☐ 5 - Fire Service Cas.
- ☐ 6 - EMS
- ☐ 7 - HazMat
- ☐ 8 - Wildland Fire
- ☐ 9 - Apparatus
- ☐ 10 - Personnel
- ☐ 11 - Arson

H1 Casualties ☒ None

	Deaths	Injuries
Fire Service	<div>0</div>	<div>0</div>
Civilian	<div>0</div>	<div>0</div>

H2 Detector

Required for Confined Fires

- ☐ 1 - Detector Alerted Occupants
- ☐ 2 - Detector Did Not Alert Them
- ☐ 3 - Unknown

H3 Hazardous Materials Release

- ☐ 1 - Natural Gas
- ☐ 2 - Propane Gas
- ☐ 3 - Gasoline
- ☐ 4 - Kerosene
- ☐ 5 - Diesel Fuel / Fuel Oil
- ☐ 6 - Household Solvents
- ☐ 7 - Motor Oil
- ☐ 8 - Paint
- ☐ 0 - Other
- ☒ None

I Mixed Use Property

- ☐ Not Mixed
- ☐ 10 - Assembly Use
- ☐ 20 - Education Use
- ☐ 33 - Medical Use
- ☐ 40 - Residential Use
- ☐ 51 - Row Of Stores
- ☐ 53 - Enclosed Mall
- ☐ 58 - Business and Residential
- ☐ 59 - Office Use
- ☐ 60 - Industrial Use
- ☐ 63 - Military Use
- ☐ 65 - Farm Use
- ☐ 00 - Other Mixed Use

J Property Use ☐ None**Structures**

- 131 ☐ Church, Place of Worship
- 161 ☐ Restaurant or Cafeteria
- 162 ☐ Bar/Tavern or Nightclub
- 213 ☐ Elementary School, Kindergarten
- 215 ☐ High School, Junior High
- 241 ☐ College, Adult Education
- 311 ☐ Nursing Home
- 331 ☐ Hospital

- 341 ☐ Clinic, Clinic-Type Infirmary
- 342 ☐ Doctor/Dentist Office
- 361 ☐ Prison or Jail, Not Juvenile
- 419 ☐ 1- or 2-Family Dwelling
- 429 ☐ MultiFamily Dwelling
- 439 ☐ Rooming/Boarding House
- 449 ☐ Commerical Hotel or Motel
- 459 ☐ Residential, Board and Care
- 464 ☐ Dormitory/Barracks
- 519 ☐ Food and Beverage Sales

- 539 ☐ Household Goods, Sales, Repairs
- 571 ☐ Gas or Service Station
- 579 ☒ Motor Vehicle/Boat Sales/Repairs
- 599 ☐ Business Office
- 615 ☐ Electric-Generating Plant
- 629 ☐ Laboratory/Science Laboratory
- 700 ☐ Manufacturing Plant
- 819 ☐ Livestock/Poultry Storage (Barn)
- 882 ☐ Non-Residential Parking Garage
- 891 ☐ Warehouse

Outside

- 124 ☐ Playground or Park
- 655 ☐ Crops or Orchard
- 669 ☐ Forest (Timberland)
- 807 ☐ Outdoor Storage Area
- 919 ☐ Dump or Sanitary Landfill
- 931 ☐ Open Land or Field
- 936 ☐ Vacant Lot

- 938 ☐ Graded/Cared for Plot of Land
- 946 ☐ Lake, River, Stream
- 951 ☐ Railroad Right-of-Way
- 960 ☐ Other Street
- 961 ☐ Highway/Divided Highway
- 962 ☐ Residential Street/Driveway
- 981 ☐ Construction Site
- 984 ☐ Industrial Plant Yard

Property Use:

Description

Look up and enter a Property Use code and description only if you have NOT checked a Property Use box.

K1

Person/Entity Involved

Person/Entity Type		Business Name (if applicable)		Phone Number
		Skd Enterprises LLC		6513633923
Local Option	Person/Entity Type		Business Name (if applicable)	Phone Number
Mr., Ms., Mrs.	First Name	MI	Last Name	Suffix
80		COTTAGE	AVE-Avenue	W-West
Number	Prefix	Street or Highway	Street Type	Suffix
			St Paul	
Post Office Box		Apt./Suite/Room		City
MN		55117		
State		Zip Code		

K2

Owner

Person/Entity Type		Business Name (if applicable)		Phone Number
Local Option	Person/Entity Type		Business Name (if applicable)	Phone Number
Mr., Ms., Mrs.	First Name	MI	Last Name	Suffix
Number	Prefix	Street or Highway	Street Type	Suffix
Post Office Box		Apt./Suite/Room		City
State		Zip Code		

L Remarks:

Saint Paul Fire Department crews responded to a report of a structure fire at a commercial property. Engine 22 and Ladder 22 arrived at a one-story automotive repair business with flames visible from the roof. Engine 22 declared a defensive strategy and assumed command, deploying a 2 1/2" hose line for the defensive fire attack. Ladder 22 was instructed to raise their aerial and prepare for defensive operations. Engine 17 arrived and established a water supply to both Engine 22 and Ladder 22.

District Chief 2 arrived and assumed command, having already balanced the assignment for additional fire crews while en route. Command reaffirmed the defensive strategy and identified an exposure building on the Charlie side of the fire structure (see exposure report).

Ladder 18 approached from Arlington Avenue and positioned on the Bravo side, raising their aerial. Engine 18 was directed to forward lay from Arlington Avenue and Park to establish a water supply to Ladder 18, while Engine 8 positioned at Arlington and Park to pump Engine 18's 4" supply hose line. Police were called for traffic control on Arlington Avenue to protect the supply lines.

Squad 1 was tasked with forcible entry to the Charlie exposure and an assessment of additional needs. Squad 3 was assigned as the rapid intervention team (RIT) and to perform additional 360-degree assessments while softening the building.

Engine 8 and Engine 17 established their water supplies and deployed additional handlines for defensiv...

Full primary narrative can be found in NFIRS 1S - Supplemental

M **Authorization**

6686	Jeseritz, Paul	DC	C2	01/11/2025
Officer In Charge ID	Signature	Position or Rank	Assignment	Date
6686	Jeseritz, Paul	DC	C2	01/11/2025
Member Making Report ID	Signature	Position or Rank	Assignment	Date

NFIRS-2 Fire

A

62210	MN	01	11	2025	Station #8 (08)	SPFD250111001996	0
FDID	State	Month	Day	Year	Station	Number	Exposure

B

Property Details

B1 ☒ Not Residential

Estimated number of residential living units in the building of origin whether or not all units became involved

B2 ☐ Buildings Not Involved

Number of buildings involved

B3 ☒ None ☐ Less than 1 acre

Acres burned (outside fires)

C

On-Site Materials Or Products

On-Site Materials Storage Use

- ☐ 1 - Bulk Storage or warehousing
☐ 2 - Processing or manufacturing
☐ 3 - Packaged goods for sale
☒ 4 - Repair or service
☐ U - Undetermined

810-Motor vehicles and parts, other

On-site material (1)

D

Ignition

D1 43-Storage: supplies or tools; dead storage

Area of Fire Origin

D2 Undetermined

Heat Source

D3 Undetermined

Item First Ignited

D4 Undetermined

Type of Material First Ignited

E1

Cause of Ignition

- ☐ 1 - Intentional
☐ 2 - Unintentional
☐ 3 - Failure of Equipment or Heat Source
☐ 4 - Act of Nature
☐ 5 - Cause Under Investigation
☒ U - Cause Undetermined After Investigation

E2

Factors Contributing to Ignition

Undetermined

Factor Contributing to Ignition

E3

Human Factors Contributing to Ignition

Check all applicable boxes

- ☒ None
☐ 1 - Asleep
☐ 2 - Possibly impaired by alcohol or drugs
☐ 3 - Unattended person
☐ 4 - Possibly Mentally Disabled
☐ 5 - Physically Disabled
☐ 6 - Multiple Persons Involved

☐ 7 - Age Was A Factor

Estimated Age of Person Involved

☐ Male

☐ Female

F1

Equipment Involved In Ignition

☒ None

Equipment Involved

Brand

Model

Serial #

Year

F2

Equipment Power Source

☒

Equipment Power Source

F3

Equipment Portability

- ☐ 1 - Portable
☐ 2 - Stationary

Portable equipment normally can be moved by one or two persons.

G

Fire Suppression Factors

H1

Mobile Property Involved

- ☐ 1 - Not involved in ignition, but burned
☐ 2 - Involved in ignition, but did not burn
☐ 3 - Involved in ignition and burned
☒ None

H2

Mobile Property Type and Make

Mobile Property Type

Mobile Property Make

Local Use

- ☐ Pre-Fire Plan Available
☐ Arson Report Attached
☐ Police Report Attached
☐ Coroner Report Attached
☐ Other Reports Attached

Mobile Property Model

Year

State

License Plate Number

VIN

NFIRS-3 Structure Fire

I1 Structure Type <input checked="" type="checkbox"/> 1 - Enclosed Building <input type="checkbox"/> 2 - Portable/Mobile Structure <input type="checkbox"/> 3 - Open Structure <input type="checkbox"/> 4 - Air-Supported Structure <input type="checkbox"/> 5 - Tent <input type="checkbox"/> 6 - Open Platform <input type="checkbox"/> 7 - Underground Structure <input type="checkbox"/> 8 - Connective Structure <input type="checkbox"/> 0 - Other	I2 Building Status <input type="checkbox"/> 1 - Under Construction <input checked="" type="checkbox"/> 2 - In Normal Use <input type="checkbox"/> 3 - Idle, Not Routinely Used <input type="checkbox"/> 4 - Under Major Renovation <input type="checkbox"/> 5 - Vacant and Secured <input type="checkbox"/> 6 - Vacant and Unsecured <input type="checkbox"/> 7 - Being Demolished <input type="checkbox"/> 0 - Other <input type="checkbox"/> U - Undetermined	I3 Building Height <div style="border: 1px solid black; width: 30px; text-align: center; margin: 2px;">1</div> Number of Stories At/Above Grade <div style="border: 1px solid black; width: 30px; text-align: center; margin: 2px;">0</div> Number of Stories Below Grade	I4 Main Floor Size <div style="border: 1px solid black; width: 60px; text-align: center; margin: 2px;">5000</div> Total Square Feet OR <div style="display: flex; justify-content: space-between; align-items: center; margin: 2px;"> <div style="border: 1px solid black; width: 40px; height: 20px;"></div> BY <div style="border: 1px solid black; width: 40px; height: 20px;"></div> </div> Length (ft) X Width (ft)
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J1 Fire Origin <div style="border: 1px solid black; width: 50px; text-align: center; margin: 2px;">1</div> <input type="checkbox"/> Below Grade Story of Fire Origin	J3 Number of Stories Damaged By Flame <div style="border: 1px solid black; width: 50px; height: 20px; margin: 2px;"></div> Number of Stories w/Minor Damage (1-24%) <div style="border: 1px solid black; width: 50px; height: 20px; margin: 2px;"></div> Number of Stories w/Significant Damage (25-49%) <div style="border: 1px solid black; width: 50px; height: 20px; margin: 2px;"></div> Number of Stories w/Heavy Damage (50-74%) <div style="border: 1px solid black; width: 50px; height: 20px; margin: 2px;"></div> Number of Stories w/Extreme Damage (75-100%) *Count the roof as part of the highest story	K Type of Material Contributing Most to Flame Spread K1 <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> Item Contributing Most to Flame Spread K2 <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> Type of Material Contributing Most To Flame Spread
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L1 Presence of Detectors <input type="checkbox"/> N - None Present <input type="checkbox"/> 1 - Present <input checked="" type="checkbox"/> U - Undetermined	L3 Detector Power Supply <input type="checkbox"/> 1 - Battery Only <input type="checkbox"/> 2 - Hardwire Only <input type="checkbox"/> 3 - Plug-In <input type="checkbox"/> 4 - Hardwire With Battery <input type="checkbox"/> 5 - Plug-In With Battery <input type="checkbox"/> 6 - Mechanical <input type="checkbox"/> 7 - Multiple Detectors & Power Supplies <input type="checkbox"/> 0 - Other <input type="checkbox"/> U - Undetermined	L5 Detector Effectiveness <input type="checkbox"/> 1 - Alerted Occupants, Occupants Responded <input type="checkbox"/> 2 - Alerted Occupants, Occupants Failed to Respond <input type="checkbox"/> 3 - There Were No Occupants <input type="checkbox"/> 4 - Failed to Alert Occupants <input type="checkbox"/> U - Undetermined
L2 Detector Type <input type="checkbox"/> 1 - Smoke <input type="checkbox"/> 2 - Heat <input type="checkbox"/> 3 - Combination of Smoke and Heat <input type="checkbox"/> 4 - Sprinkler, Water Flow Detection <input type="checkbox"/> 5 - More Than One Type Present <input type="checkbox"/> 0 - Other <input type="checkbox"/> U - Undetermined	L4 Detector Operation <input type="checkbox"/> 1 - Fire Too Small To Activate <input type="checkbox"/> 2 - Operated <input type="checkbox"/> 3 - Failed To Operate <input type="checkbox"/> U - Undetermined	L6 Detector Failure Reason <input type="checkbox"/> 1 - Power Failure, Shutoff, or Disconnect <input type="checkbox"/> 2 - Improper Installation or Placement <input type="checkbox"/> 3 - Defective <input type="checkbox"/> 4 - Lack of Maintenance, Dirty <input type="checkbox"/> 5 - Battery Missing or Disconnected <input type="checkbox"/> 6 - Battery Discharged or Dead <input type="checkbox"/> 0 - Other <input type="checkbox"/> U - Undetermined

<div>M1</div> <div>Presence of Automatic Extinguishing System</div> <div><div><input checked="" type="checkbox"/> N - None Present</div><div><input type="checkbox"/> 1 - Present</div><div><input type="checkbox"/> 2 - Partial System Present</div><div><input type="checkbox"/> U - Undetermined</div></div>	<div>M3</div> <div>Operation of Automatic Extinguishing System</div> <div><div><input type="checkbox"/> 1 - Operated/Effective</div><div><input type="checkbox"/> 2 - Operated/Not Effective</div><div><input type="checkbox"/> 3 - Fire Too Small To Activate</div><div><input type="checkbox"/> 4 - Failed To Operate</div><div><input type="checkbox"/> 0 - Other</div><div><input type="checkbox"/> U - Undetermined</div></div> <div>Required if fire was within designed range</div>	<div>M5</div> <div>Reason for Automatic Extinguishing System Failure</div> <div><div><input type="checkbox"/> 1 - System Shut Off</div><div><input type="checkbox"/> 2 - Not Enough Agent Discharged</div><div><input type="checkbox"/> 3 - Agent Discharged But Did Not Reach Fire</div><div><input type="checkbox"/> 4 - Wrong Type of System</div><div><input type="checkbox"/> 5 - Fire Not In Area Protected</div><div><input type="checkbox"/> 6 - System Components Damaged</div><div><input type="checkbox"/> 7 - Lack of Maintenance</div><div><input type="checkbox"/> 8 - Manual Intervention</div><div><input type="checkbox"/> 0 - Other</div><div><input type="checkbox"/> U - Undetermined</div></div> <div>Required if system failed or not effective</div>
<div>M2</div> <div>Type of Automatic Extinguishing System</div> <div><div><input type="checkbox"/> 1 - Wet-Pipe Sprinkler</div><div><input type="checkbox"/> 2 - Dry-Pipe Sprinkler</div><div><input type="checkbox"/> 3 - Other Sprinkler System</div><div><input type="checkbox"/> 4 - Dry Chemical System</div><div><input type="checkbox"/> 5 - Foam System</div><div><input type="checkbox"/> 6 - Halogen-Type System</div><div><input type="checkbox"/> 7 - Carbon Dioxide System</div><div><input type="checkbox"/> 0 - Other</div><div><input type="checkbox"/> U - Undetermined</div></div> <div>Required if fire was within designed range of AES</div>	<div>M4</div> <div>Number of Sprinkler Heads Operating</div> <div><div></div></div> <div>Required if system operated</div>	

NFIRS-1S Supplemental

A

62210	MN	01	11	2025	Station #8 (08)	SPFD250111001996	0
FDID	State	Month	Day	Year	Station	Number	Exposure

Primary Narrative:

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District Chief 2 arrived and assumed command, having already balanced the assignment for additional fire crews while en route. Command reaffirmed the defensive strategy and identified an exposure building on the Charlie side of the fire structure (see exposure report).

Ladder 18 approached from Arlington Avenue and positioned on the Bravo side, raising their aerial. Engine 18 was directed to forward lay from Arlington Avenue and Park to establish a water supply to Ladder 18, while Engine 8 positioned at Arlington and Park to pump Engine 18's 4" supply hose line. Police were called for traffic control on Arlington Avenue to protect the supply lines.

Squad 1 was tasked with forcible entry to the Charlie exposure and an assessment of additional needs. Squad 3 was assigned as the rapid intervention team (RIT) and to perform additional 360-degree assessments while softening the building.

Engine 8 and Engine 17 established their water supplies and deployed additional handlines for defensive fire attack on the Bravo and Delta sides, respectively.

District Chief 3 arrived and assumed Safety Officer position, while Car 5-Deputy Chief served as Senior Advisor. Medic 3 and Ambulance 2 established Rehab areas.

Safety Officer informed command that the gas to the structure had been secured and made crews aware of overhead wires at the Alpha-Delta corner. Xcel Energy arrived on scene and secured both the gas meter and power to the building.

Ladders 22 and Ladder 18 used aerial master streams to knock down the bulk of the fire. Once the bulk of the fire was extinguished, exterior handlines and master streams were shut down. Squad 1 cut a hole in the side of the building at the Alpha-Bravo corner to provide better access to the front office, which contained active fire that crews were unable to reach from the exterior. Safety Officer oversaw Squad 1's operations.

Crews continued to extinguish hot spots in both the main fire structure and the Charlie exposure. Command was transferred to the oncoming District Chief 2, and crews were switched out with the next on-coming shift.

At the time of this report, operations were still ongoing under District Chief 2, with Engine 17, Engine 22, Ladder 22, and Car 20-Fire Investigator Tweed on scene.



Saint Paul Fire Department
645 Randolph Avenue
Saint Paul, MN 55102
(651) 224-7811

Investigation Report

Case

Case Details

SPFD250111001996	Tweed, Joshua	Closed	25-005-721
Case Number	Lead Investigator	Status	Name
Confidential	Undetermined	Undetermined	
Confidentiality	Disposition	Fire Cause	
01/11/2025	05:26		
Start Date	Start Time	End Date	End Time
Saint Paul Fire Department		Saint Paul Police Department	
Primary Fire Department	Secondary Fire Department	Law Enforcement	

Case Narrative

The fire department was called to the report of flames from the roof of an auto repair shop. Firefighters arrived and found heavy fire venting from the roof and front windows of a large metal commercial building. Defensive fire operations were started. Firefighters extinguished the fire and conducted overhaul.

City workers on the scene stated they were driving in the area when they saw flames in the distance. They went to investigate the area and found the building fire.

Investigation revealed two large vehicle repair areas separated by a storage area. Severe fire damage was observed to the storage area and adjacent repair shop with a roof collapse.

Surveillance cameras from the building show an individual in the area of the garage carrying a fuel canister prior to the fire.

Case Background

Case Synopsis

This report is based on presently known and available facts, data, and information.

Investigation Comments

Fire

Ignition Sequence

Undetermined	Storage: supplies or tools; dead storage		
Fire Cause	Area of Origin	Equipment Power Source	Equipment Portability
Area of Origin Comments			
Undetermined		Undetermined	
Heat Source		Material Ignited	
Equipment Involved In Ignition	Equipment Make	Equipment Model	Equipment Serial Number

Fire and Smoke Spread Information

Beyond building of origin	
Fire Spread Material	Fire Spread Avenue
Smoke Spread Material	Smoke Spread Avenue
Fire Comments	

Weather

		0	Calm
Visibility	Relative Humidity (%)	Wind Speed (Mph)	Wind Direction
17.0	0	No	
Temperature (Fahrenheit)	Precipitation	Lightning	Information Obtained From Weather
Cloudy Skies			
Weather Comments			

Property Details (1 of 4)

Property

N/A			
Name			
80 Cottage Avenue West			
Address		Apt/Suite/Room	
Saint Paul	Ramsey County	Minnesota	55117
City	County	State	Postal Code
\$175,000.00	\$85,000.00	\$175,000.00	
Pre Fire Value	Content Loss Value	Structure Loss Value	
Property Description			

Area

Structure	Urban	
Area Type	Area Description	Area Quality

Structure

Motor vehicle or boat sales, services, repair		Unoccupied		
Property Use		Structure Occupancy		
	Unknown			
Alarm Type	Smoke Detector Present	Smoke Detector Performance		
None				
Sprinkler Standpipes		Sprinkler Standpipes Performance		
250		45	1	
Structure Length (Ft)	Structure Height (Ft)	Structure Width (Ft)	Number Of Stories	Number Of Units
Fire Resistive	Type II	StructureMaterial_Other		
Construction Type	Structure Type	Structure Material		
Slab	Metal	Pitched	Metal	
Foundation	Exterior Covering	Roof Type	Roof Material	

The first part of the interior exam began through the open overhead door on the northeast corner of the South building. This door was accessed via a 7' X 10' hole that was cut by fire suppression personnel.

Extensive fire damage was found on the northern 1/3 of the interior space. The north wall showed signs of mass loss beginning at the roof line and continuing down the wall to a height of approximately 8 feet. This mass loss continued from the east wall all the way to the western wall. Fire made its way from the small adjacent structure into this area through the eaves and common roof area. Fire damage was observed to these structural members of the roof framing. The rafters are covered by sheetrock that extends the length of the building. Mass loss of fire drop down can be seen on the first two sections of sheetrock towards the north end of the ceiling wallboard. A line of demarcation is seen throughout the building's exterior walls starting at a level of three feet towards the north end of the building and increasing in height as one walks towards the south end of the structure. Items that were collected on the north wall include a metal cabinet toolbox, another rolling toolbox, and assorted items collected on top along with several plastic 5-gallon buckets.

Drop down from the ceiling and the upper wall can be found on the ground in this area of the north wall. Soot accumulation can be found on all exposed surfaces, with a higher level of soot at the upper ceiling level and decreased levels towards the bottom near the two-foot mark.

The investigation continued onto the north structure.

Access to the interior of this building was limited to a small area on the south and accessible through the small mezzanine area between the two buildings. Due to roof collapse and compromise of the exterior walls, no entry into this space was permitted. From the vented vantage point of the southern wall, it can be assessed that the items collected within the north warehouse contributed to a high fuel load which sustained fire growth, leading to flame and thermal impingement to the structural roof components, leading to failure and collapse. Fire most likely transferred into this compartment through the open door in the middle mezzanine area, which housed canisters of fuel and various liquids used for operations in the business.

An assessment of the collapsed portion of the north building shows structural members of the ceiling and roof sheeting collected on the floor space of the north building with evidence of thermal damage. This area of damage spans the length of the north building up to the office area, which is located on the far northeast corner of the building.

Access to the office area was made through the doorway on the northeast exterior. No signs of forced entry were found on the door or door frame. The small lobby area of the entrance showed evidence of fire damage and calcination of drywall that began at the level of 3 feet and extended to the ceiling height, increasing in severity. Extensive overhaul was completed in this area. This was performed by fire suppression personnel on scene. Evidence of charring to the ceiling joists can be found with a higher level of charring towards the main building, located on the south side of the office. Items within the office such as desks, computers, and office materials show signs of thermal damage, along with soot accumulation on nearly all exposed surfaces to the level of the floor.

The final area examined was the small storage area that was built between the two warehouse-type buildings. This is believed to be the building of origin of the fire. The roof and ceiling components of this area were collapsed in on itself, but was deemed accessible by the investigator for examination purposes. Deep charring to the wooden structural members in this area was extensive and severe, and continued to the floor level. All products located within this area, which contained combustible materials, were consumed by the intense heat. Only items that were steel or metal-based remained intact. These items were identified as storage receptacles, most likely for liquids that may have been of a flammable nature. Due to the intense flame impingement on collected products and items in this area, no discernible area of origin was observed.

It was discovered that multiple security cameras were located on the exterior of the building and had captured video footage of two individuals walking northbound on the eastern exterior of the building. One of these individuals was carrying what appeared to be a fuel canister. Both men were wearing clothing that obscured their facial features.

Interior Exam

The structure is a large one-story metal-frame warehouse building facing East and running South to North. The exterior investigation began upon arrival on the scene and was conducted clockwise, noting areas of fire-related damage. The structure is surrounded by a chain-link fence approximately 6 feet high. At the south end of this fence is a gate with double doors on the eastern end. A gap of approximately 2 feet is visible where access was made into the property. According to the owner, the gap in the fence was present prior to the fire. Vehicles are found parked in spaces that surround both the North and South buildings. Three of these vehicles were affected by the structure fire and sustained fire-related damage. All three of these automobiles were located on the eastern side and the examination of said vehicles is found in the Motor Vehicles Tab in this report.

Upon observing the north exterior, a small office area is connected to a larger warehouse. Two small windows, approximately 2 feet in diameter, are seen on the side. Brown smoke is venting from the upper eaves with a higher velocity of smoke movement towards the peak.

Moving to the east-facing elevation, gray smoke can be seen venting out the entire length of the eaves. Smoke staining is observed at the soffit level and continuing down the metal face to approximately 2 feet. Four large overhead doors are present on the north warehouse building. The second overhead door from the north appears compromised and folded onto itself towards the interior of the building.

Fire suppression activities were underway at the time of the investigation, with multiple hose lines stretched into the eastern parking lot. Two aerial master streams were in place, flowing water from the north onto the roof of the north building. Flames can be seen venting out the southeast corner of the north building.

At the time of the investigation, the roof of the northern building had collapsed inward, with fire venting through the void space left by the collapsed metal roof.

Between the north and south buildings, located on the eastern side, is a small 22 x 34' structure connecting both warehouses. This building's roof section was compromised and had collapsed inward, with evidence of high heat and fire damage to the metal roofing material. The door opening to this area was open, and one window was missing at the time of the investigation. At the time of the investigation, it was unknown whether this door was forced open or was found in the open position. Radial heat patterns above the doorway indicate fire venting through the open doorway and possibly through the compromised window to the south of this doorway. Radial patterns of heat damage on either side of these entry points also indicate high heat within the small structure, ranging from approximately 1 foot off the ground to the ceiling height.

The south building's roof section remained intact, with radial heat patterns and smoke staining on the northernmost section of the roofline. The severity of staining decreased approximately 30 feet south of the most northern point of the building. Staining along the entire length of the top peak was observed.

The eastern exterior of the south building contained four large overhead doors. All doors were intact and in the closed position, with foot staining on the upper two panels of all doors. The northernmost door was compromised by fire suppression personnel, who cut a 6 1/2 x 8 1/2 inch hole through the center of the overhead door for entry.

Multiple security cameras were observed fixed to the exterior of the south and the north buildings on all sides.

The south-facing exterior wall of the southernmost building shows smoke venting from the upper eaves and peak, with light smoke damage at the eve level extending 3/4 up the roof line. Two straight ladders were resting against the south wall, noted as not having been placed by fire suppression personnel.

On the west elevation, access was made through a hole in the chain-link fence, compromised by fire suppression personnel. The western elevation of the south building shows foot staining on the upper walls near the eaves and soffits, running the length of the building.

The small center section between the two buildings displays radial patterns and thermal damage to the metal exterior walls, continuing to the south wall of the northernmost building. Radial patterns extend down the length of the west exterior of the northernmost building, with paint blistering at approximately 2-foot diameter points at the 8, 15, and 18-foot marks moving north from the southern wall. Flames can be seen venting from the roof line on the western wall at the area where the roof collapses.

Exterior Exam

Alarm and Security Services

None	Unknown		
Sprinkler Standpipes	Smoke Detectors Present	Smoke Detector Locations	Fire Suppression
Closed And Locked	Closed And Locked		
Doors	Windows	Other Entrances	

Alarm Protection/Security Comments

Utilities

<div></div>		<div></div>	
Electrical Status		Electrical Entrance	
<div></div>	Natural	Xcel Energy	
Fuel Status	Fuel Type	Fuel Company	
<div></div>		City of Saint Paul Municipal Water	
Water Status		Water Company	
<div></div>			
Telephone Status			
<div></div>			
Utility Comments			

Property Details (2 of 4)

Property

Name			
80 Cottage Avenue West (Exposure -2005 Volvo XC90)			
Address		Apt/Suite/Room	
Saint Paul	Ramsey County	Minnesota	55117
City	County	State	Postal Code
\$3,520.00	0	\$2,400.00	
Pre Fire Value	Content Loss Value	Structure Loss Value	
Property Description			

Area

Vehicle	Urban	
Area Type	Area Description	Area Quality

Structure

Property Use		Structure Occupancy		
Alarm Type	Smoke Detector Present	Smoke Detector Performance		
Sprinkler Standpipes		Sprinkler Standpipes Performance		
Structure Length (Ft)	Structure Height (Ft)	Structure Width (Ft)	Number Of Stories	Number Of Units
	Other (Add more in Comments)			
Construction Type	Structure Type	Structure Material		
Foundation	Exterior Covering	Roof Type	Roof Material	
See Motor Vehicle Tab				
Interior Exam				

See Motor Vehicle Tab

Exterior Exam

Alarm and Security Services

Sprinkler Standpipes Smoke Detectors Present Smoke Detector Locations Fire Suppression

Doors Windows Other Entrances

Alarm Protection/Security Comments

Utilities

Electrical Status Electrical Entrance

Fuel Status Fuel Type Fuel Company

Water Status Water Company

Telephone Status

Utility Comments

Property Details (3 of 4)

Property

2017 Mitsubishi Outlander (exposure)			
Name			
80 Cottage Avenue West - (Exposure -2017 Mitsubishi Outlander)			
Address		Apt/Suite/Room	
Saint Paul	Ramsey County	Minnesota	55117
City	County	State	Postal Code
\$6,895.00	0	\$2,500.00	
Pre Fire Value	Content Loss Value	Structure Loss Value	
Property Description			

Area

Vehicle	Urban	
Area Type	Area Description	Area Quality

Structure

Property Use		Structure Occupancy		
Alarm Type	Smoke Detector Present	Smoke Detector Performance		
Sprinkler Standpipes		Sprinkler Standpipes Performance		
Structure Length (Ft)	Structure Height (Ft)	Structure Width (Ft)	Number Of Stories	Number Of Units
Construction Type	Structure Type	Structure Material		
Foundation	Exterior Covering	Roof Type	Roof Material	
See Motor Vehicle Tab				
Interior Exam				

See Motor Vehicle Tab

Exterior Exam

Alarm and Security Services

Sprinkler Standpipes Smoke Detectors Present Smoke Detector Locations Fire Suppression

Doors Windows Other Entrances

Alarm Protection/Security Comments

Utilities

Electrical Status Electrical Entrance

Fuel Status Fuel Type Fuel Company

Water Status Water Company

Telephone Status

Utility Comments

Property Details (4 of 4)

Property

1998 Honda Civic (exposure)			
Name			
80 Cottage Avenue West - (Exposure -1998 Honda Civic)			
Address		Apt/Suite/Room	
Saint Paul	Ramsey County	Minnesota	55117
City	County	State	Postal Code
\$2,567.00	0	\$2,100.00	
Pre Fire Value	Content Loss Value	Structure Loss Value	
Property Description			

Area

Vehicle	Urban	
Area Type	Area Description	Area Quality

Structure

Property Use		Structure Occupancy		
Alarm Type	Smoke Detector Present	Smoke Detector Performance		
Sprinkler Standpipes		Sprinkler Standpipes Performance		
Structure Length (Ft)	Structure Height (Ft)	Structure Width (Ft)	Number Of Stories	Number Of Units
	Other (Add more in Comments)			
Construction Type	Structure Type	Structure Material		
Foundation	Exterior Covering	Roof Type	Roof Material	
See Motor Vehicle Tab				
Interior Exam				

See Motor Vehicle Tab

Exterior Exam

Alarm and Security Services

Sprinkler Standpipes Smoke Detectors Present Smoke Detector Locations Fire Suppression

Doors Windows Other Entrances

Alarm Protection/Security Comments

Utilities

Electrical Status Electrical Entrance

Fuel Status Fuel Type Fuel Company

Water Status Water Company

Telephone Status

Utility Comments

Motor Vehicle (1 of 3)

Vehicle Description

1998	Honda	Civic	Black
Year	Make	Model	Color
JGE 609	Minnesota	1HGEJ6679WL036465	
License Plate Number	License Plate State	Vin	

Owner

Ku Shee			
Owner Name	Owner Phone		
1313 Garfield Ave.			
Owner Street 1	Owner Street 2		
Albert Lea	Minnesota	56007	
Owner City	Owner State	Owner Postal Code	

Operator

Operator Name	Operator Phone		
Operator Street 1	Operator Street 2		
Operator City	Operator State	Operator Postal Code	

Exterior

	Yes		
Exterior Prior Damage	Exterior Fire Damage	Tires / Wheels	Parts Missing

Fuel System

			Gasoline
Fuel System Type	Fuel System Prior Damage	Fuel System Fire Damage	Fuel Type

<div></div>	<div>Present</div>	<div></div>
Condition Of Tank	Filler Cap Condition	Fuel Line Condition

Engine Compartment

<div></div>	<div>No</div>		
Engine Prior Damage	Engine Fire Damage		
<div></div>	<div></div>	<div></div>	<div></div>
Fluid Level Oil	Fluid Level Transmission	Fluid Level Radiator	Fluid Level Other

Interior

<div></div>	<div>No</div>	<div></div>	<div></div>
Interior Prior Damage	Interior Fire Damage	Ignition System	Key In Ignition
<div></div>	<div></div>	<div></div>	<div></div>
Personal Contents Missing	Accessories Missing	Odometer Reading	Service Sticker Information

Security

<div></div>	<div>Yes</div>	<div>Closed</div>
Alarm Present	Doors / Trunk Locked	Window Position

Origin / Ignition Sequence

<div>Exterior, exposed surface</div>	<div>Conducted heat from another fire</div>	<div>Plastic</div>
Area of Origin	Heat Source	Material Ignited
<div>Exposure fire</div>		
Ignition Factor		

Motor Vehicle Comments

Examination of the exterior of the vehicle found that the fire and heat damage was most significant on the passenger/engine/cargo area of the vehicle. Examination of the interior of the vehicle found that the fire and heat damage was most significant on the passenger/engine/cargo area of the vehicle.

Motor Vehicle (2 of 3)

Vehicle Description

2017	Mitsubishi	Outlander	Brown
Year	Make	Model	Color
AUL 021	Minnesota	JA4AR3AU8HZ070067	
License Plate Number	License Plate State	Vin	

Owner

Eh Mu Paw			
Owner Name	Owner Phone		
1511 Hazelwood St.			
Owner Street 1	Owner Street 2		
St Paul	Minnesota	55106	
Owner City	Owner State	Owner Postal Code	

Operator

Operator Name	Operator Phone		
Operator Street 1	Operator Street 2		
Operator City	Operator State	Operator Postal Code	

Exterior

	Yes		
Exterior Prior Damage	Exterior Fire Damage	Tires / Wheels	Parts Missing

Fuel System

			Gasoline
Fuel System Type	Fuel System Prior Damage	Fuel System Fire Damage	Fuel Type

<input type="text"/>	<input type="text" value="Present"/>	<input type="text"/>
Condition Of Tank	Filler Cap Condition	Fuel Line Condition

Engine Compartment

<input type="text"/>	<input type="text" value="No"/>		
Engine Prior Damage	Engine Fire Damage		
<input type="text"/>	<input type="text"/>		
Fluid Level Oil	Fluid Level Transmission	Fluid Level Radiator	Fluid Level Other

Interior

<input type="text"/>	<input type="text" value="No"/>	<input type="text"/>	<input type="text"/>
Interior Prior Damage	Interior Fire Damage	Ignition System	Key In Ignition
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Personal Contents Missing	Accessories Missing	Odometer Reading	Service Sticker Information

Security

<input type="text"/>	<input type="text" value="Yes"/>	<input type="text" value="Closed"/>
Alarm Present	Doors / Trunk Locked	Window Position

Origin / Ignition Sequence

<input type="text" value="Vehicle storage area; garage, carport"/>	<input type="text" value="Conducted heat from another fire"/>	<input type="text" value="Plastic"/>
Area of Origin	Heat Source	Material Ignited
<input type="text" value="Exposure fire"/>		
Ignition Factor		

Motor Vehicle Comments

Motor Vehicle (3 of 3)

Vehicle Description

2005	Volvo	XC90	Gold
Year	Make	Model	Color
RPY 243	Minnesota	YV1CZ592451155425	
License Plate Number	License Plate State	Vin	

Owner

Joan Leslie Johnson			
Owner Name	Owner Phone		
1121 Heard Ave.			
Owner Street 1	Owner Street 2		
Champlin	Minnesota	55316	
Owner City	Owner State	Owner Postal Code	

Operator

Operator Name	Operator Phone		
Operator Street 1	Operator Street 2		
Operator City	Operator State	Operator Postal Code	

Exterior

	Yes		
Exterior Prior Damage	Exterior Fire Damage	Tires / Wheels	Parts Missing

Fuel System

			Gasoline
Fuel System Type	Fuel System Prior Damage	Fuel System Fire Damage	Fuel Type

<div></div>	<div>Present</div>	<div></div>
Condition Of Tank	Filler Cap Condition	Fuel Line Condition

Engine Compartment

<div></div>	<div>No</div>		
Engine Prior Damage	Engine Fire Damage		
<div></div>	<div></div>	<div></div>	<div></div>
Fluid Level Oil	Fluid Level Transmission	Fluid Level Radiator	Fluid Level Other

Interior

<div></div>	<div>No</div>	<div></div>	<div></div>
Interior Prior Damage	Interior Fire Damage	Ignition System	Key In Ignition
<div>No</div>	<div></div>	<div></div>	<div></div>
Personal Contents Missing	Accessories Missing	Odometer Reading	Service Sticker Information

Security

<div></div>	<div>Yes</div>	<div>Closed</div>
Alarm Present	Doors / Trunk Locked	Window Position

Origin / Ignition Sequence

<div>Vehicle storage area; garage, carport</div>	<div>Radiated heat from another fire</div>	<div>Plastic</div>
Area of Origin	Heat Source	Material Ignited
<div>Exposure fire</div>		
Ignition Factor		

Motor Vehicle Comments

Examination of the exterior of the vehicle found that the fire and heat damage was most significant on the passenger/engine/cargo area of the vehicle. Examination of the interior of the vehicle found that the fire and heat damage was most significant on the passenger/engine/cargo area of the vehicle.

Witness Statement (1 of 4)

Witness Statement

Bundy	Derrick	Daniel
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Last Name

First Name

Middle Name

Discover of Fire	
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Type

Employer

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Interviewed By

Interviewed By Other

3660 160th Street East	
------------------------	--

Street 1

Street 2

Rosemount	Minnesota	55068
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City

State

PostalCode

White	03/23/1980	
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Race

Date of Birth

Driver's Liscense Number

Q: Can you tell me how you discovered the fire?

A: We work for the city, we were coming down Arlington and Arkwright and we started to see a black plume of smoke. We tried to get closer and see where it was coming from. As soon as we knew, we came down here and called dispatch to let them know that we had a fully-involved structure. We couldn't get into it because the gate was locked shut. We walked around the back side, there was a motorhome and a semi trailer. There were flames coming out of the roof.

Q: Did you notice anyone around at the time?

A: No. Nobody was around.

Q: Where was the location of the fire, as you could tell, when you pulled up?

A: It was in the walkway in between the two buildings. Then doors three and four and a little bit of two. From the street looking South.

Witness Statement Comments

Witness Statement (2 of 4)

Witness Statement

██████	██████	
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Last Name	First Name	Middle Name
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911 Caller	
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Type	Employer
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Interviewed By	Interviewed By Other
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Street 1	Street 2
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Saint Paul	Minnesota	
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City	State	PostalCode
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Race	Date of Birth	Driver's Liscense Number
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SPPW EMPLOYEE

Witness Statement Comments

Witness Statement (3 of 4)

Witness Statement

Doh	Soe	Kapaw
Last Name	First Name	Middle Name
Owner		
Type	Employer	
Interviewed By	Interviewed By Other	
2778 Southlawn Dr.		
Street 1	Street 2	
Maplewood	Minnesota	55109
City	State	PostalCode
Asian	11/02/1983	
Race	Date of Birth	Driver's Liscense Number

Q: Are you the owner of the building?

A: Yes

Q: Can you tell me how you were alerted of the fire today?

A: Pah, the neighbor right next door, called me. Pah from Dale Import. He said "Your building burned down."

Q: What time was that?

A: 0720

Q: When were you last here on site?

A: Last night. Until about 1830 or 1900.

Q: Were you the last person here at the time?

A: Yes.

Q: Did you close the gate and lock it?

A: Yes.

Q: Were there any holes in the fence prior to today? Any areas where someone could just walk into the yard here?

A: We sometimes have people break in and cut in from the back of the property all the time. We had catalytic converters stolen.

Q: I see an area in the front by the fence where someone could walk through. Is that new, or has it been like that?

A: Yes, it has been like that.

Q: Is the building heated?

A: Yes. We have natural gas heaters in the garages.

Q: Have you ever had a problem with those in the past?

A: No, no problems.

Q: In the middle area between the two buildings, is there heat in that section?

A: No. No heat. That is where we have our compressor and oil tanks.

Q: Is the compressor connected to electricity?

A: Yes.

Q: Have you had any threats made to you?

A: No, but there is this one guy, who is homeless, I used to have him come and help out. But he is not working out. He is on drugs and he doesn't listen. So I said that he had to go.

Q: Do you have his name?

A: I took down his information just in case. MARK. REEKO

Witness Statement Comments

Witness Statement (4 of 4)

Witness Statement

Krantz	Joeseeph	S
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Last NameFirst NameMiddle Name

Discover of Fire	
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TypeEmployer

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Interviewed ByInterviewed By Other

2167 Lake Airs Blvd	
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Street 1Street 2

White Bear Lake	Minnesota	55110
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CityStatePostalCode

	02/10/1989	
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RaceDate of BirthDriver's Liscense Number

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Witness Statement Comments

Conclusion

Case Conclusion

After examination of the fire scene, observation of fire patterns of both movement and intensity and interviews conducted, it is my opinion the fire began in the storage area. The area of origin was the interior of the storage area. The first fuel/material ignited was unknown. The ignition source was undetermined. The oxidant was normal atmospheric air. The action that brought these items together was undefined. The classification of fire cause is undetermined. This concludes my investigation and report.

Technical Review by J. Blank, IAAI-CFI, 3-15-25

Signature

Tweed, Joshua		
Lead Investigator	Signature	Date Submitted

Document Attachment List

Photo Log

JDIC5363























