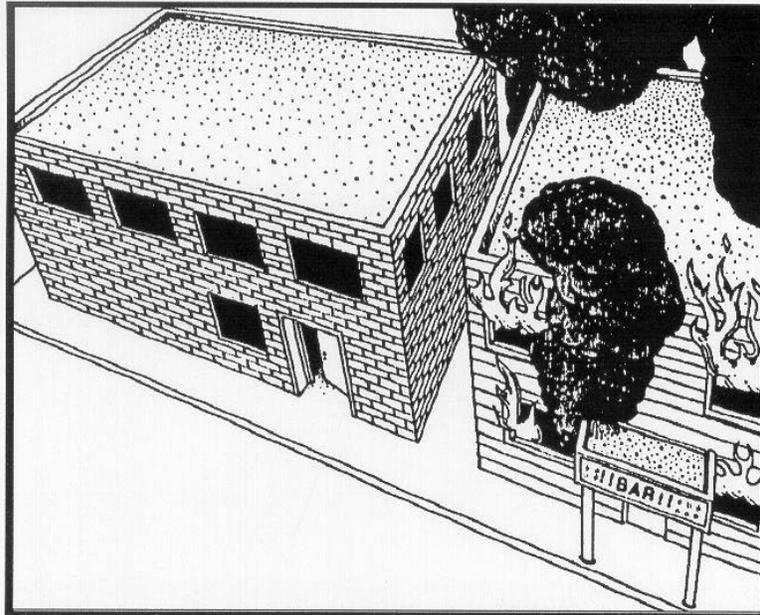


EXPOSURE PROBLEM

Two 2-story buildings will be used to show and explain the proper methods to protect exposures.



The fire building is a 2-story wood frame building. A night club is located on the ground floor with offices and supplies on the second floor. This building is not occupied.

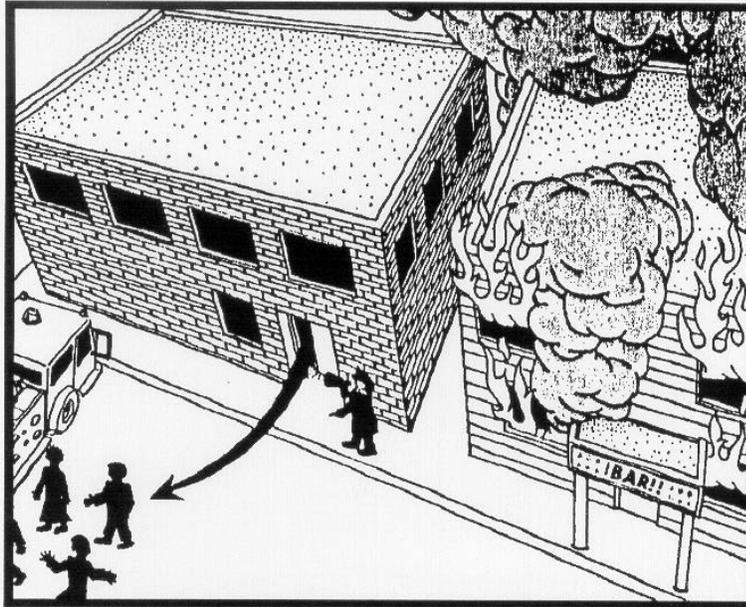
The exposure is a 2-story brick apartment building. This building has three windows which face the fire building. The exposed building is separated from the fire building by a 3-foot walkway. This building is occupied.

The night club is well involved and seriously threatening the apartment building.

EXPOSURE PROBLEM

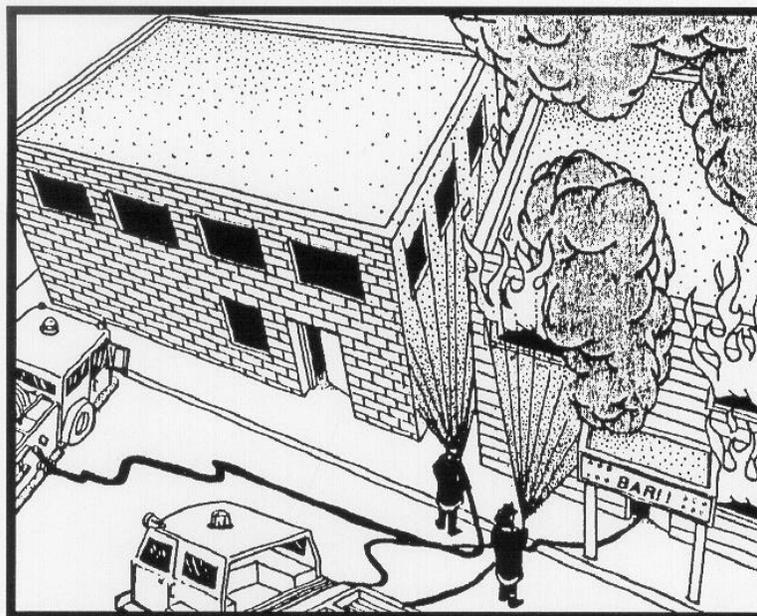
What steps are necessary to protect the exposure?

In this example a combination of protective methods will be needed. As always, the first consideration is given to the life exposures.



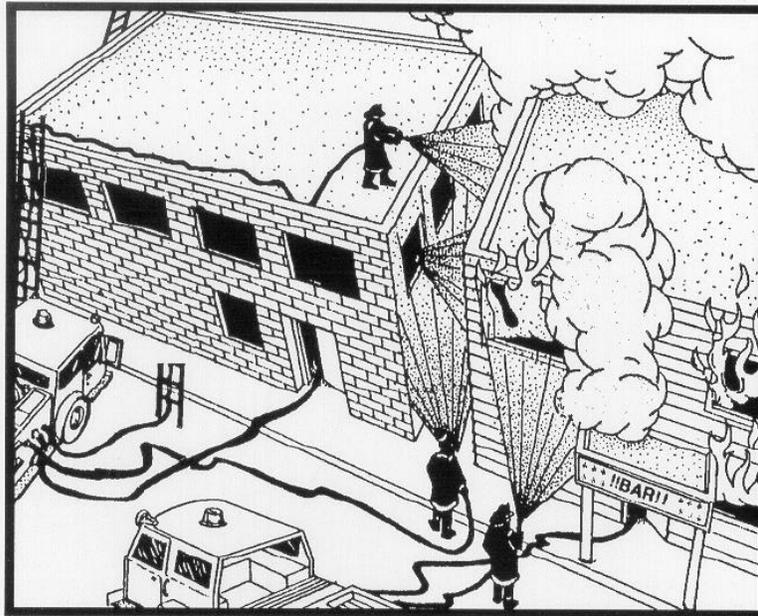
The occupants of the exposed building must be protected. This is best achieved by evacuation of the occupants.

EXPOSURE PROBLEM



Protection lines are set up to prevent the spread of fire to the exposure. Direct application of water on the exposed building will be needed to cool the exposure. A direct attack is also made on the fire to remove the source of heat.

EXPOSURE PROBLEM



Fire fighters will have to advance lines to the windows and roof of the exposure to prevent extension via these routes. These fire fighters will also have to move furniture and other combustible material away from the interior walls to prevent ignition by conducted heat coming through the brick walls.

Depending on the situation and conditions, many of the above operations can be done simultaneously.