

## WALNUT STREET FIRE CO. # 4

### Row House Fires

- What is a row house ? What are “taxpayers” ?
- Do we have row houses in Madison ? Kinda / sorta ? Where ?

### Construction / Occupancy

- 2 – 3 stories, originally single family dwellings
- Usually divided into apartments, one or more per floor
- May have multiple gas and electric meters
- Each apartment has its own locked doors
- Usually right on the sidewalk
- Ordinary brick construction with wood joists
- Weight – bearing walls common walls ( fire walls ? intact ? )
- Sometimes have flat roofs with rolled asphalt roofing, but usually are pitched and have shingles or even a metal roof
- May have common attic or cockloft
- Usually have a basement which may or may not contain apartments
- Stairwell to upper floors just inside front door, usually on side D
- Stairwell to basement at the rear under the stairwell to upper floors
- Stairs are wood construction, may or may not be enclosed
- 8’ – 10’ ceilings
- Probably plaster over lathing, but partitions may be drywall

## S C E N A R I O

- District One is dispatched for report of smoke in the building at 410 E. Third St. at 2 p.m. on a nice June day; temperature is 76 degrees and wind is from the west at 10 mph ; you are in charge of the Tower 4
  
- Tower Four is first on the scene with you, a driver, and 2 firefighters able to wear SCBA and is greeted by smoke from the left of 2 second floor windows in the left middle building of 4 2½ - story row houses with dormers ; people are standing out front
  
- Where do you place the apparatus ? Why ?
  
- As first in, you are the I C ; give a size-up for other responding units including location, construction, occupancy, conditions ; advise actions being taken by Tower 4
  
- Engine 3 announces “on scene”, with 3 firefighters - what are your instructions to them ?
  
- In what order are your priorities ? List 1 – 12 and describe how you will accomplish each :
  - \_\_\_\_\_ ventilation                      \_\_\_\_\_ search and rescue of fire building
  - \_\_\_\_\_ accountability                      \_\_\_\_\_ search and evacuation of exposures
  - \_\_\_\_\_ ladder the bldg                      \_\_\_\_\_ attack lines, where, how many, size ?
  - \_\_\_\_\_ water supply                      \_\_\_\_\_ shut – off utilities
  - \_\_\_\_\_ force entry                      \_\_\_\_\_ apparent safety hazards ?
  - \_\_\_\_\_ control freelancing                      \_\_\_\_\_ others ?

- The original window where the smoke was coming out now breaks and fire is showing; smoke is now coming from the other window and is seeping from under the cornice What does that indicate to you ?
- Engine 1 announces on the scene with 2 firefighters - what are your instructions to them ?
- Smoke is now showing from the cornice of the exposure on Side B What does that mean and what do you do about it ?
- Engine 2 announces on the scene; what are your instructions ?
- Unit 20 arrives on scene and takes IC, leaving you as Operations - Describe how that communication should occur and what should be said
- 6 more firefighters from various city companies come onto the scene plus several from county departments who offer their assistance; how do you manage this additional manpower ?
- Interior crew advises heavy fire in front room upstairs and that they are attacking it with a 1 3/4" line
- Unit 20 orders roof ventilation of the fire building; where do you ventilate and how? Is it safe to go on the roof ?
- Should consideration be given to venting the roofs of the exposures ?
- Fire comes through the vent hole of the fire building and out through the dormers
- Unit 25 arrives and assumes Operations; describe the process / concerns ?

- Interior reports ceiling collapse ; they are coming out ; what are the concerns ?
- Unit 20 orders the ladder pipe to be directed through the dormer windows of the fire building
- The fire building is darkened, but there are indications of smoke from B side exposure ;
- Unit 21 arrives and assumes Operations ; describe the process / concerns
- Unit 21 orders crew back into fire building for overhaul on 2<sup>nd</sup> floor
- Unit 21 orders Tower 4 to open the roof of side B exposure ; light to moderate smoke is coming from the dormer closest to the fire building; describe the process
- Unit 21 orders crews inside side B exposure to gain access to the attic or pull the 2<sup>nd</sup> floor ceiling if they can't access the attic ; describe the process
- Interior crew in exposure B advises they are in attic with no evidence of extension
- Unit 20 advises dispatch to log control