


Meadowdale School. Appears to be a normal constructed school with a pitched roof right?! Well this school hides some unique challenges for vertical ventilation for the truck company, as well as challenges for the engine co. during suppression.



Pitched roof that conceals a flat roof. Note: everything to the left of the yellow line is NOT sprinklered and has no fire stops. Everything to the right of the line has fire stops and a portion of it is sprinklered, aprox 62 ft.





A photograph of an attic space. The ceiling is a pitched roof made of wooden rafters. The floor is a flat roof covered with white insulation. A metal duct is visible in the center of the attic. A red arrow points to a fire stop in front of the duct. A hand holding a flashlight is visible on the left side of the frame.

Attic space. Pitched roof above you and flat roof below you.  
Fire stops in front of you, not sprinklered.

Picture of attic space. Note: the fire stops which run through the majority of the roof



Underneath your feet is a flat roof from the original construction!





This is the rear wall of the gym from the attic space.



Only access to roof scuttle is through here. Located right after gym.

