



Berwyn Fire Company

Chester County Station 2 1 Established 1894

Station 102 Permanent Structure Justification

Update 3 February 15, 2021

Response Speed

- Having responders upstairs of another building adds up to 60 seconds to response time
 - New Station will allow for direct access to bays and faster turn-out time.

Improved Responder Safety

- Current system forces responders into elements.
 - We have had 1 firefighter fall on ice and fracture arm.
- Difficult to install exhaust mitigation system due to size / structure of tent.
 - New Station will have direct capture exhaust mitigation system.
- Tent is not OSHA approved in terms of clearance from apparatus to walls.
- Neither tent nor office space meets NFPA 1500, 1720, and 1851 standards for first responder safety and operations.
- Lack of on-site shower facilities does not allow for quick decontamination or regular use.
 - Currently able to use shower facilities at LifeTime Athletic or crews are shuttled back and forth between the main station and substation.
- No building generator. With inclement weather we have to move our light tower to Station 102 in case of power outage.

Apparatus Compliment

- Tent only allows 2 vehicles – currently 1 engine / 1 ambulance.
- New Station will allow aerial device, engine, 2 ambulances and ATV.
 - ATV most frequently used on Chester Valley Trail and VF Park – no room now.

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Temperature Issues

- Ambient temps prolonged at 30 degrees or less forces the use of a space heater in the ambulance as cold negatively affects certain drugs and equipment.
- Ambient temps can exceed 100 degrees in summer, forcing us to run the ambulance air conditioning to cool down drugs and equipment.

Security Concerns

- Equipment is being stored in a canvas tent.
- Shared office building with multiple other tenants, including a chiropractor and dentist that increases foot traffic in and out of the building, along with more vehicle traffic in the parking lot.

Personnel Issues

- Lack of kitchen does not allow for prolonged shifts.
- We only have 3 beds that are able to be used by personnel. Chairs and cots are currently used to allow for more sleeping space in shared space.
- Lack of gear storage space does not allow for easy volunteer responses.
- No separate male / female sleeping quarters

General Issues

- No room for expansion
- We have no control of property or building
- Very limited storage