

Program Comparison Fire Station #2

Component	Existing Condition Sq. Ft.	Proposed Sq. Ft.	Comment	Sq. Ft. Increase \$	Sq. Ft. Increase % of total
Public Spaces: lobby/waiting area, toilet, office, EMS room, etc.	0	617	Partly because of its proximity to the highway, the Station has a surprisingly high number of direction seekers, public assistance requestors and medical walk-in's. There is no lobby or waiting area other than a stairwell landing.	617	5.5%
Apparatus Bays	3,480	10,560	The number of bays in both the upper and lower level will increase from two to three. The size of the bays is also increasing -- the existing bays are insufficiently sized to meet modern standards. The current standard is to have at least five feet on either side of each piece of apparatus. Currently, the trucks are very close to each other, with only inches in front or behind in the double loaded configuration. The upper bay houses two engines, a ladder and a regional foam trailer. The lower bay houses a hazmat trailer, emergency management trailer, a mass decontamination trailer, a reserve ambulance, and the fire alarm truck. There is currently no dedicated mechanic's bay in either station to support in-house maintenance of equipment. The new Station includes a mechanic's bay, allowing for more work to be performed in-house.	7,080	63.0%
Fire Operations Support: gear, hose, EMS, mechanic, & hazmat storage, toilets, janitor, laundry, decontamination, watch room, etc.	0	2,396	All of these components are currently found on the apparatus bay amongst the heavy equipment. Modern standards require that turnout gear be stored away from the apparatus in a separate room with separate air handling equipment.	2,396	21.3%

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Firefighter Support: kitchen, dining, living, study, bunkrooms, bathroom, laundry, storage, fitness, etc.	1,966	3,097	The new station will have individual bunkrooms and bathrooms, limiting the total number since there is no need to plan for different genders. The size of the bunkroom and associated bathrooms is actually <i>smaller</i> than existing due to the better layout. The existing facility has no fitness center other than a section of the basement not designed for that purpose. The living, dining, and sleeping facilities have been designed to accommodate an increase in staffing of eight firefighters and will meet the Town's needs for decades.	1,131	10.1%
Vertical Circulation (stairs, elevators, etc.)	1,762	1,573	The more efficient design results in a lower square footage for circulation. The existing station does not have an elevator.	-189	-1.7%
Building Services: mechanical, electrical, custodial, etc.	424	633		209	1.9%
Net Program Area	7,632	18,876		11,244	100.0%
Grossing Factor	2,038	3,167		1,129	
Total	9,670	22,043		12,373	