

Fire Station Deficiencies

Space

Training Room too small and does not function as a training room
Space around apparatus (safety)
Work bench area (new engine will block more of the bench area)
Air room fill/service test/maintenance (Clean area)
Training area around fire station
Apparatus areas – Not large enough for future apparatus and weight of apparatus
No workout area in the station
Overall kitchen and day room space is too small
Bathroom facilities not large enough to accommodate large groups
Inadequate office space

Storage Needs

PPE
EMS supplies
Secure Drug storage (DEA)
Training equipment
Communications/storage/maintenance
SAR Equipment
Hose Storage

Dorms / crew storage

Gender neutral facilities

Proper decon areas

EMS (Bio hazard)
Firefighting PPE/equipment

Health and safety issues

Clothes washer in apparatus bay	PPE in apparatus bay
Cracked apparatus ramp that heaves in the winter	Apparatus exhaust
Sleeping quarters egress	Asbestos
Stairs @ night	HVAC System
Radio traffic is unreadable	Water leaks
No station notification system	Back in bays
Stove/oven does not shut off during a call	

Fire Station Needs

In addressing the fire department needs, we must consider planning for the future; this building should be designed to meet our needs for the next 20 to 30 years. Station should be located with access to a main road, located in the Valdez downtown area. (Majority of incidents are in this area) Training tower should be co-located with station. Other training props and burn facility located out the road. Location should also be located on the east of downtown.

(Extended response times out the road and future city growth)

Requirements for the fire station should include all of the following;

- Main station areas, to include adequate office space for fire department personnel, current and future fire department staff.
- Lobby area for greeting and assisting community members.
- Living area for on-duty department members, which includes gender separation facilities and dorms. A kitchen and lounge area, all which should be located near the apparatus floor.
- Dedicated training room for fire department training, this should be separate from public use area to avoid scheduling conflicts of fire department training and community use needs.
- Training room storage.
- Separate community use area, for holding meetings and other community type events. Area should have storage for table and chairs and small kitchen/beverage space. This area to have separate rest room facilities and can be closed off from the rest of the fire station.
- Physical fitness area for fire department members and other city employee's.
- Apparatus floor (six bays), large enough to accommodate current and future apparatus, drive-through style bays, apparatus exhaust systems, shore power for apparatus, in-line air for apparatus. Personal protective clothing area located next to apparatus floor.
- Separate decontamination for cleaning personal protective equipment which includes an extractor and dryer
- Decontamination area for small fire equipment.
- Separate decontamination area for emergency medical equipment (EMS) with secured storage for extra EMS equipment.
- SCBA area for filling self-contained breathing apparatus (SCBA) with storage area and a work area for repair and maintenance of SCBA's.
- Storage areas for fire department equipment and supplies.
- Maintenance area for fire department small equipment.
- Laundry and janitorial service areas

Requirements for fire station outside area

- Large parking area for citizens that are using the station.
- Parking area for fire department members and staff.

- Drive areas to allow apparatus to utilize drive-through bays.
- Large open area surrounding Multi-story training tower (2 to 2.5 acres). This would allow for high and low angle rope rescue training, hose line deployment training, search and rescue training, Rapid Intervention Training, forcible entry training, ventilation training.
- Area for emergency power.
- Provide for ease of snow removal and retention.

Training Facility Area

- Out the road, area in front of bailer, 5 acres
- Secured area (fence/gate), utilities – power and water, hydrants
- Large open area for training props and area for department training (Burn building, extrication training area, Haz Mat training prop, Marine Firefighting training prop, vehicle fire prop, fire extinguisher training area and other types of training) Some prop areas to have solid surfaces
- Covered area for classroom discuss, training debrief, food services, and bathrooms
- Storage area for training equipment and supplies

The new fire station should be designed to be low maintenance and cost effective to operate. Construction materials should allow for long term use (masonry versus wood). Hard surface floors (versus carpeting) will last longer and provide for easier disinfecting of biological hazards. Outside areas should also be low maintenance and provide for water runoff from fire training.

A well planned building reduces cost overruns and potential change orders costs. The design of the building should allow for future expansion. This would include the ability to add additional apparatus bays, office space and living quarters for fire department members.

Plans should follow all building and fire codes.