



## **VALDEZ FIRE STATION 1 REPLACEMENT**

### **CONCEPT DESIGN**

#### **CITY COUNCIL WORK SESSION—1/17/19**

### **SITE PLAN DESIGN**

The proposed design optimizes use of public land and limits impacts to existing and neighboring purposes. Locating the Station to the southern half the property allows for maximum snow storage opportunities and consolidates facility footprint while still providing the best ingress and egress for emergency responders and vehicles.

Through selective clearing and land forming, snow storage and infiltration on northern end of site will be improved.

Existing Memorial Skate Park remains in current location. Barrier on west side will reduce possibility of conflicts with returning emergency vehicles.

Plaza at corner of Pioneer and Hazelet utilizes existing beautification scheme to commemorate past, present and future public safety officers and volunteers. Design will improve lighting of pedestrian way at busy corner.

### **FACILITY PLAN DESIGN**

<b>Two Level</b>	<b>Administration/Apparatus Bay/Training – Ground Floor</b> <b>Crew Quarters/Lockers/Fitness – 2<sup>nd</sup> Floor</b>
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<b>Total Floor Area</b>	<b>17,500 s.f. aprox. (13,500 Ground, 4,000 Second)</b>
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#### **Overall**

- Durable, low-maintenance and efficient to operate
- 30-40 year lifespan
- Increase preparedness, lower response time
- Serve public safety needs now and into future
- Meet current codes and regulations

#### **Lobby and Entry**

- Identifiable, protected Visitor entry; ADA parking
- Separate Responder entry near staff parking
- Administration directly accessible from entry
- Training Room directly accessible from entry



## **Administration**

- Ground floor location
- Direct access to Visitor entry, apparatus bay, training

## **Crew Quarters**

- 5 sleeping rooms
- Gender-specific showers/lockers; access to fitness room
- Stair access to apparatus bay/turn out gear
- Direct access to lockers/work out
- Stair and Elevator Access provided

## **Apparatus Bay**

- 4 drive thru fire apparatus bays / 2 single entrance EMS bays
- Search & Rescue equipment storage
- Operations/emergency storage and maintenance on main level
- Disaster storage on mezzanine
- Allows future expansion

## **Training**

- Ground floor access to both lobby and kitchen/dayroom
- Functional for Emergency Operations Center/Shelter
- Covered exterior for indoor/outdoor training
- May be used without disrupting Station personnel

## **Mechanical / Electrical Systems**

- Compact and accessible mechanical/electrical rooms
- Ventilation - Sleeping and Lockers are close and could be fed by an HRV on 2<sup>nd</sup> floor
- Ventilation – Admin/Training/Day Room are all close proximity for AHU runs
- Backup power to entire facility
- Compact footprint to maximize efficiency