

City of Valdez

*212 Chenega Ave.
Valdez, AK 99686*



Meeting Agenda - Final-revised

Thursday, January 17, 2019

6:00 PM

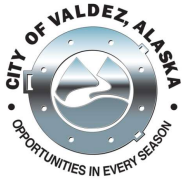
Work Session (New Fire Station Concept)

Council Chambers

City Council

WORK SESSION AGENDA - 6:00 pm

1. [Work Session: Concept Design for the New Fire Station 1 Replacement.](#)



Legislation Text

File #: 19-0047, **Version:** 1

ITEM TITLE:

Work Session: Concept Design for the New Fire Station 1 Replacement.

SUBMITTED BY: Nathan Duval, Capital Facilities Director

FISCAL NOTES:

Expenditure Required: N/A

Unencumbered Balance: N/A

Funding Source: N/A

RECOMMENDATION:

Receive and File.

SUMMARY STATEMENT:

Preliminary site plan and design concepts by Wolf Architecture, Inc. to be presented to Council. Attached includes preliminary site plan and notes on concept development. Conceptual plan to be presented in person by the design team.

Background

Wolf took input from the Open House and the subsequent stakeholder meetings in December and presented four concept alternatives. The Chief and advisory group reviewed the preliminary concepts and the resultant concept presented represents the requested revisions.

Current concept represents a “right sizing” effort from the initial 25,000 SF program.

City Staff consulted with local DOT regarding snow storage and snow removal along Hazelet to ensure limited interruptions to their operations and compromise on a snow storage location to the north on Block 5.

Current concept is intended to maximize site footprint, limit disruption to current site uses and prevent future roadblocks in the utilization of Block 5 to the north.

Next Steps - Design

Wolf will continue to work with Staff to develop the Schematic Design, perform more soil sampling to ensure adequate foundation designs, work with Planning & Zoning on the re-plat and conditional use permit, and assist with website content and public information distribution.



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

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

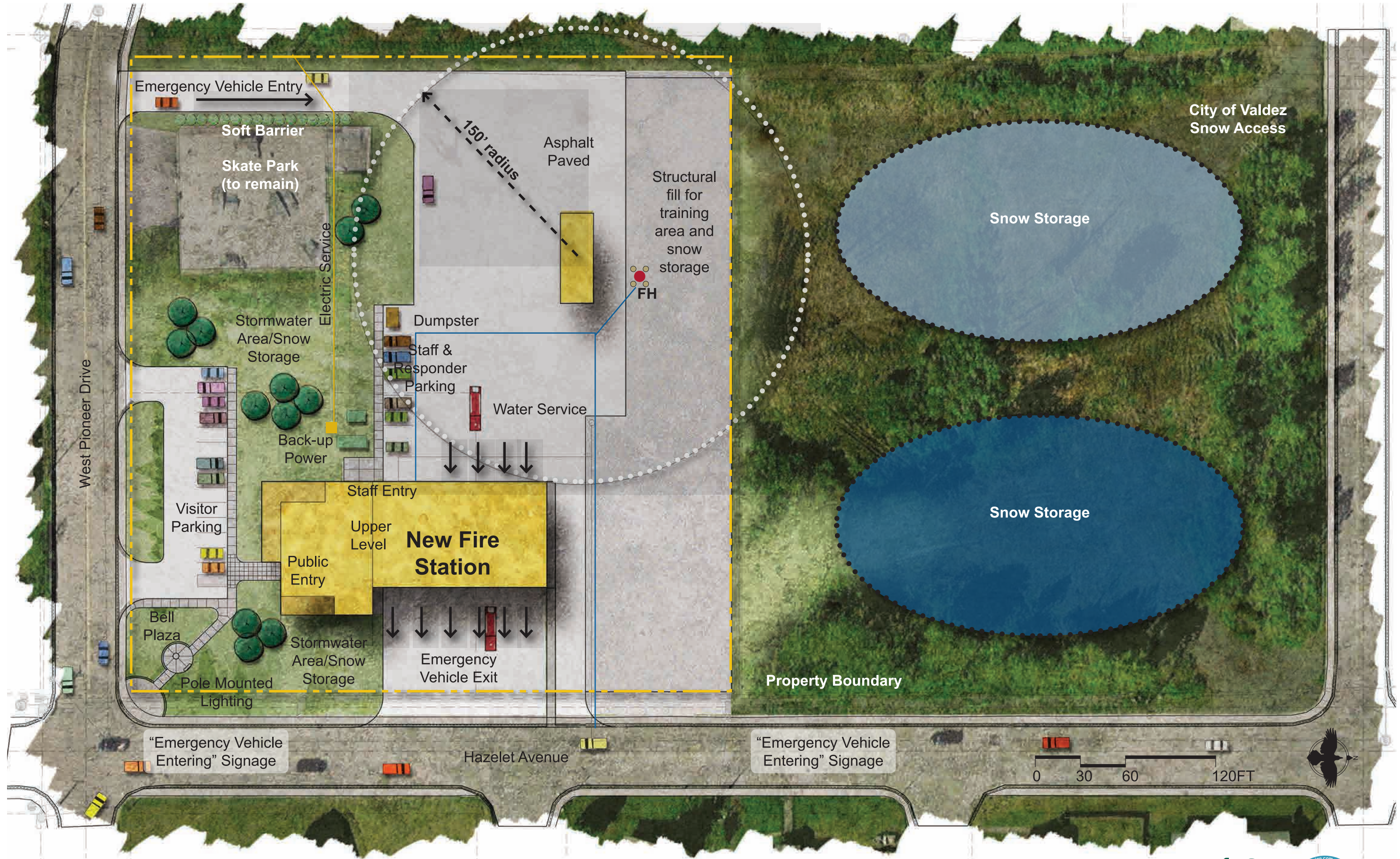
- 4 drive thru fire apparatus bays / 2 single entrance EMS bays
- Search & Rescue equipment storage
- Operations/emergency storage and maintenance on main level
- Disaster storage on mezzanine
- Allows future expansion

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 2nd floor
- Ventilation – Admin/Training/Day Room are all close proximity for AHU runs
- Backup power to entire facility
- Compact footprint to maximize efficiency



Valdez Fire Station Conceptual Design

Site Layout

REV: 2019-01-09

Wolf
ARCHITECTURE

Corvus
Design
Landscape Architecture • Planning • Industrial Design