

# **Penn Daw Fire Station, Emergency Shelter & Supportive Housing and Affordable Housing**

Advisory Committee Meeting  
October 14, 2022

Building Design and Construction Division



## Meeting Agenda

- ❖ Team Introduction
- ❖ Project Update
  - ❖ Program Validation
  - ❖ Design Considerations
- ❖ Timeline and Next Steps
- ❖ Q and A



# Penn Daw Fire Station, Emergency Shelter & Supportive Housing and Affordable Housing Program Validation

## PROJECT LOCATION



**2801 Beacon Hill Rd., Alexandria, VA**

## PROGRAM VALIDATION

### PENN DAW FIRE STATION

- Approx. 22,200 SF
- 5 Apparatus Bays
- 22 Bunks (Including Battalion Chief)
- 44 Parking Spaces

### EMERGENCY SHELTER AND SUPPORTIVE HOUSING

- Approx. 27,700 SF
- 50 Emergency Shelter Beds
- 20 Supportive Housing Units
- 34 Parking Spaces

### AFFORDABLE HOUSING

- Approx. 65,800 SF
- Approx. 60 Affordable Housing Units
- Approx. 117-137 Parking Spaces



## Design Consideration

### ➤ General Considerations

- ❖ Overall Safety and Site Security as it relates to adjacent properties
- ❖ Stormwater Management and drainage impact on adjacent properties
- ❖ Parking reduction and public transportation use
- ❖ Traffic changes/impact due to new development
- ❖ Noise impact on surroundings
- ❖ Passive outdoor recreation space
- ❖ Civic identity and integration into the surrounding development
- ❖ Orientation of building entrances

### ➤ Fire and Rescue

- ❖ Secured Parking with fence and access control at gate, and adequate site lighting
- ❖ Enhanced Security System
  - Access Control for all exterior doors
  - Security Cameras around facility
- ❖ Automatic closing with motion sensor at bay doors
- ❖ Separate primary fire station entrance from other collocated uses and no other use above fire station
- ❖ Separate HVAC system for each use, emergency generators sized for operational requirements of each facility



## Design Considerations

### ➤ **Eleanor Kennedy Shelter and Supportive Housing**

- ❖ Trauma-informed design principles for creating physical spaces that promote safety, well-being and healing
- ❖ Outdoor amenity space for clients
- ❖ Finishes and Fixtures to be durable
- ❖ Individual beds (no bunk beds)
- ❖ Supportive Housing entrance should not be through the shelter
- ❖ Easy access to public transportation

### ➤ **Affordable Housing**

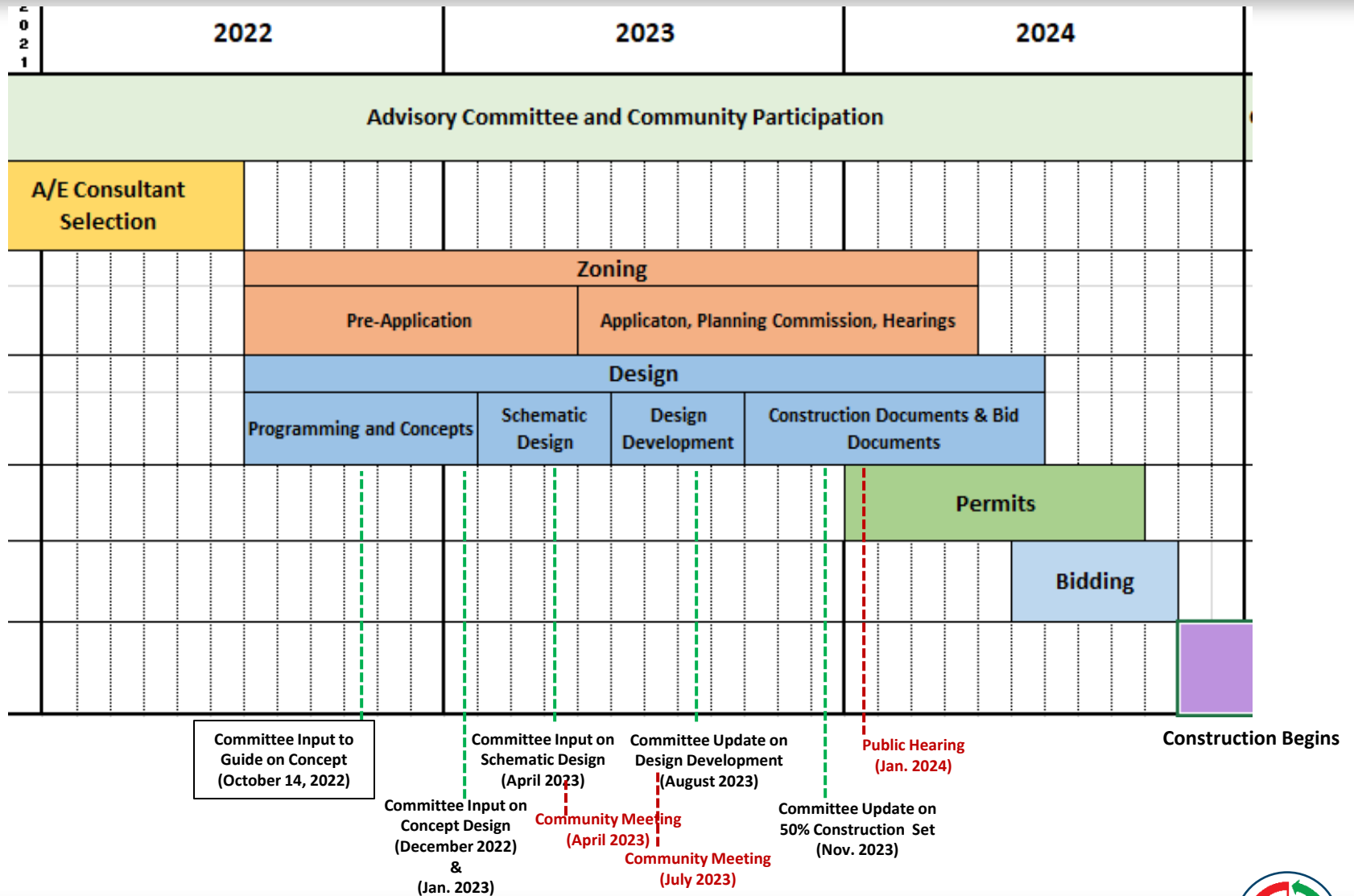
- ❖ Indoor and outdoor amenities and recreation
- ❖ Clear signage for each facility
- ❖ Separate primary entrances

### ➤ **Project Goals**

- ❖ LEED Gold Certification with 50% energy performance improvement
- ❖ Net Zero Energy Requirements
- ❖ EarthCraft Gold per the Virginia Low Income Housing Tax Credit Manual



# Penn Daw Fire Station, Emergency Shelter & Supportive Housing and Affordable Housing Community Engagement



## Next Steps

Activity	Expected Completion
<b>Committee input to guide concept design</b>	October 14, 2022
AE Works on Concept Design Options	October 14, 2022 to December 2022
<b>Committee input on preliminary design concepts</b>	<b>December 2022</b>
Pre-application coordination with the Department of Planning and Development (DPD)	January 2023
<b>Committee input on final design concept</b>	<b>January 2023</b>
Concept Design Submission	January 2023



## Q & A

