

CITY OF ALEXANDRIA
Project Implementation

Waterfront Flood Mitigation Project Briefing

HARC Meeting – January 21, 2025

Draft, Deliberative, Pre-Decisional



Briefing Agenda

- ▶ Project update
- ▶ Single Pump Station Approach
- ▶ Pump Station Locations
- ▶ Public Engagement
- ▶ Section 106 Update
- ▶ Next Steps

Single Station Concept



LEGEND

- ① PUMP STATION
- ② RETAIN WATERFRONT PARK

Objective:

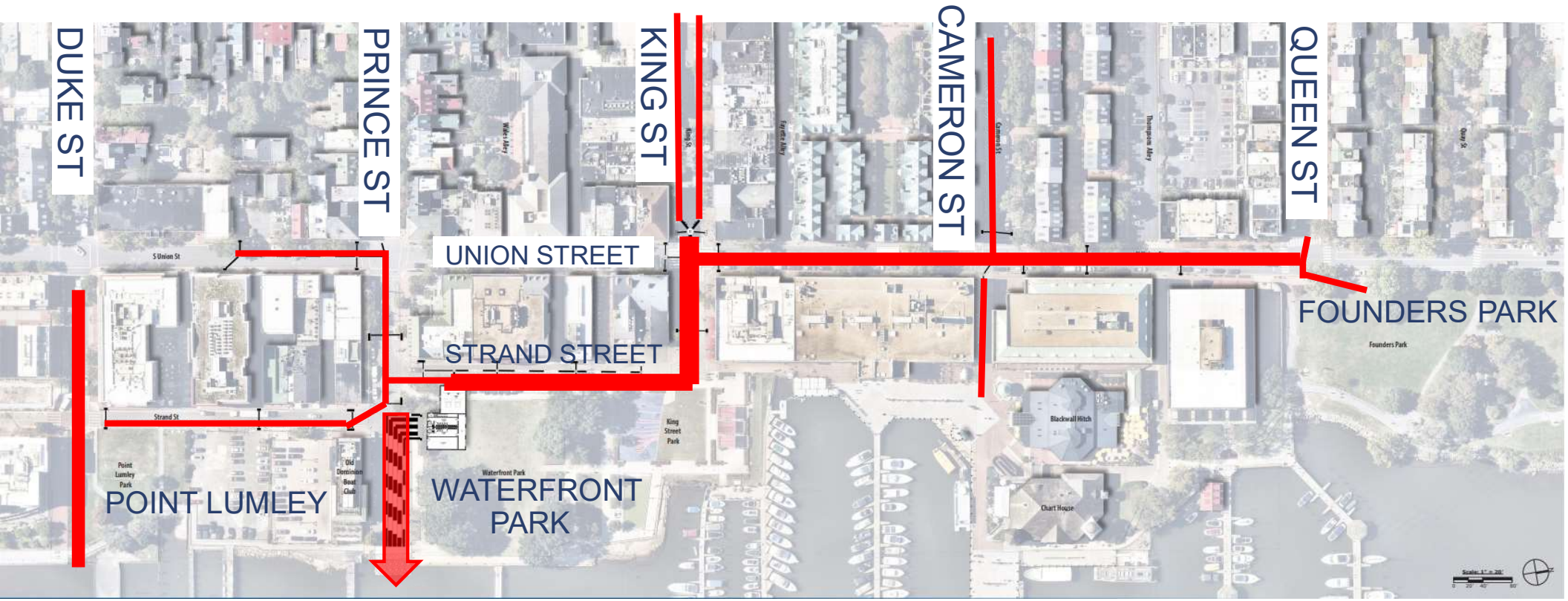
- Combine to single station, eliminate northern station
- Minimize station height and footprint
- Provide public restrooms
- Program support

Height: 24' (flat roof)

Building Footprint: ~3,400 SF

Stormwater Infrastructure Plan

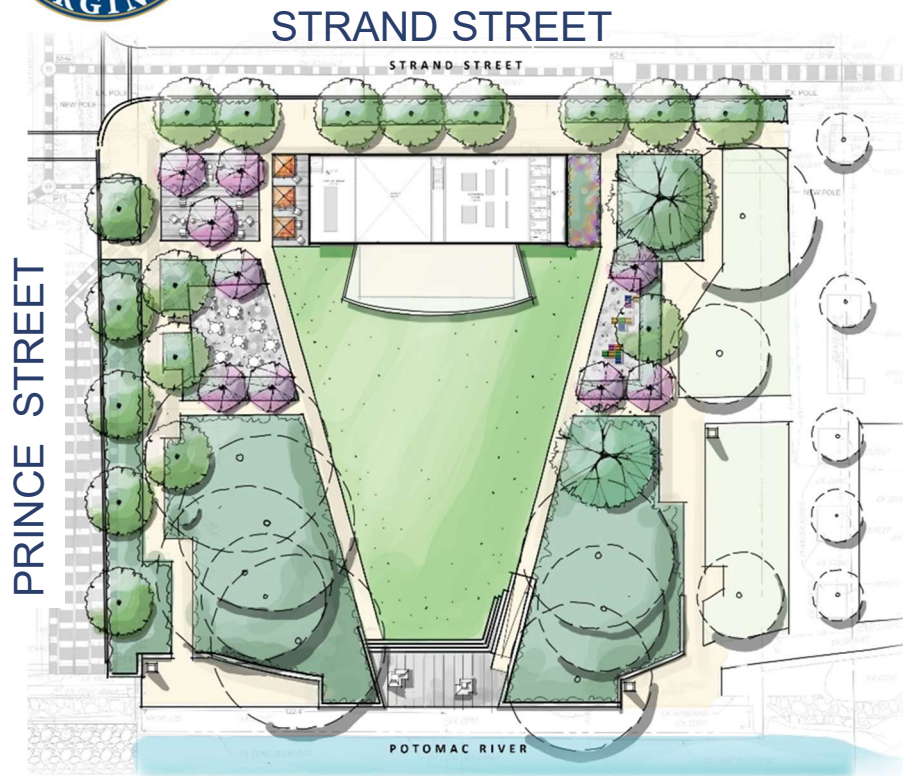
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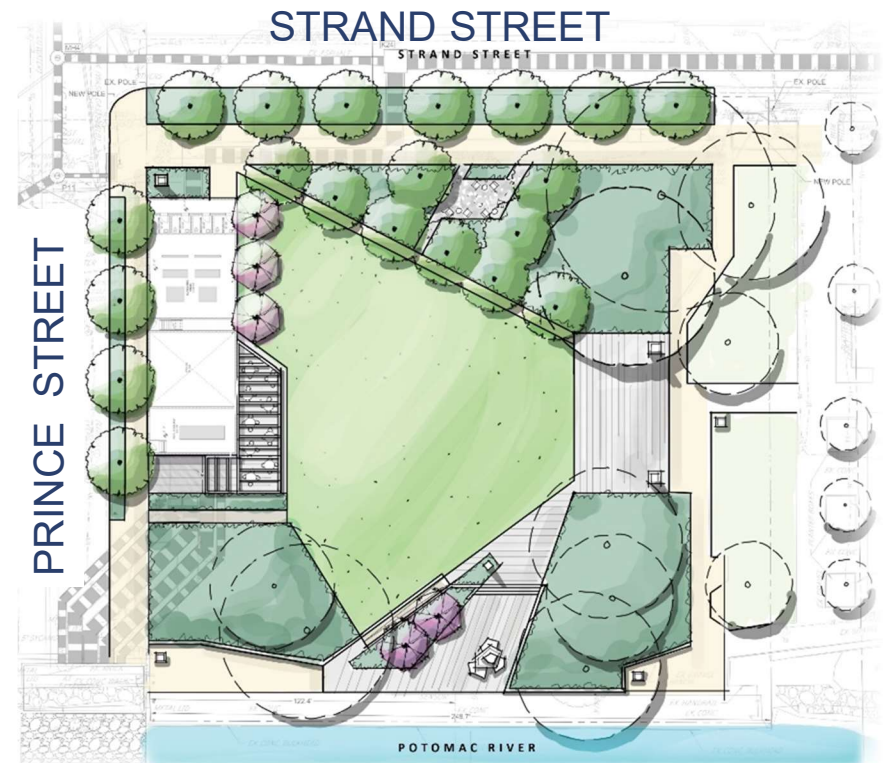


Prospective Locations

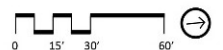
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OPTION 1 – STRAND STREET

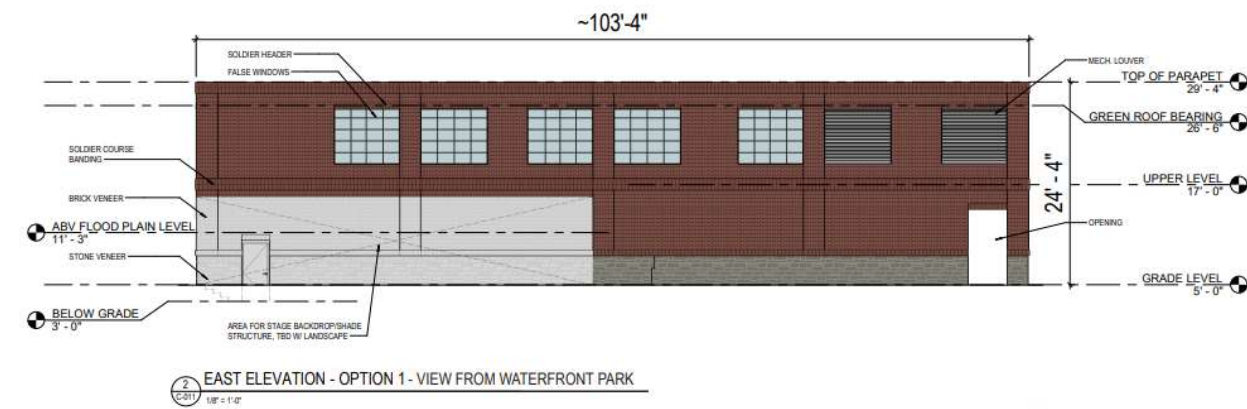
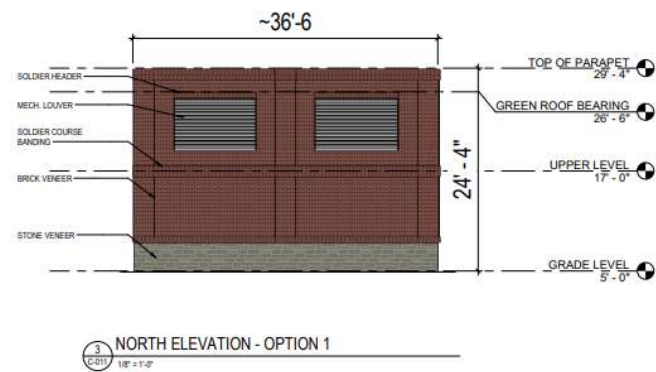


OPTION 2 – PRINCE STREET



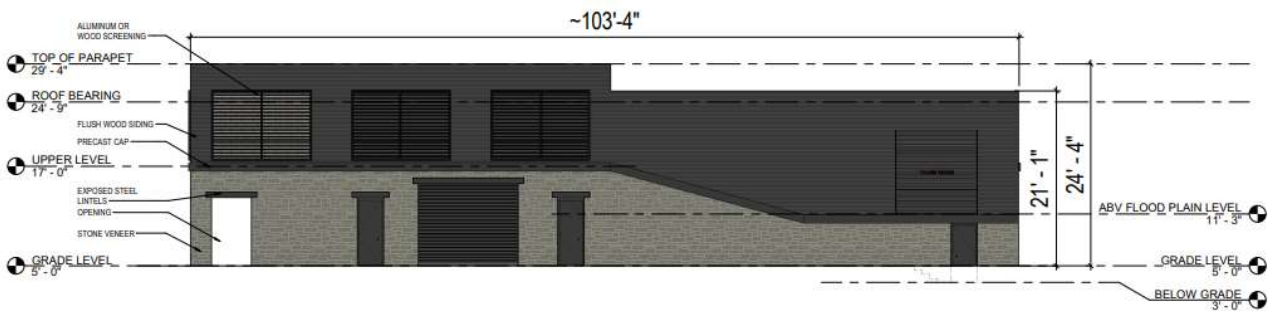
Waterfront Park Option 1 - Pump Station Elevations

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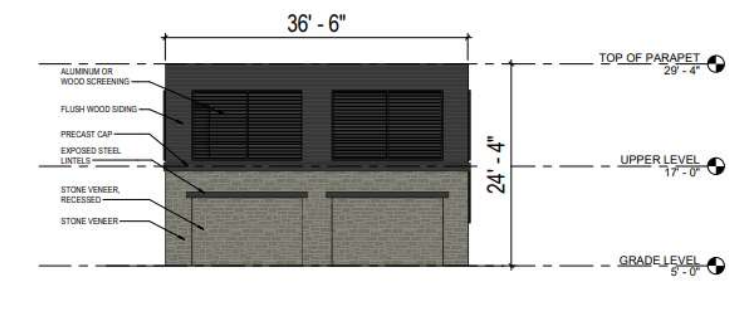


Waterfront Park Option 2 - Pump Station Elevations

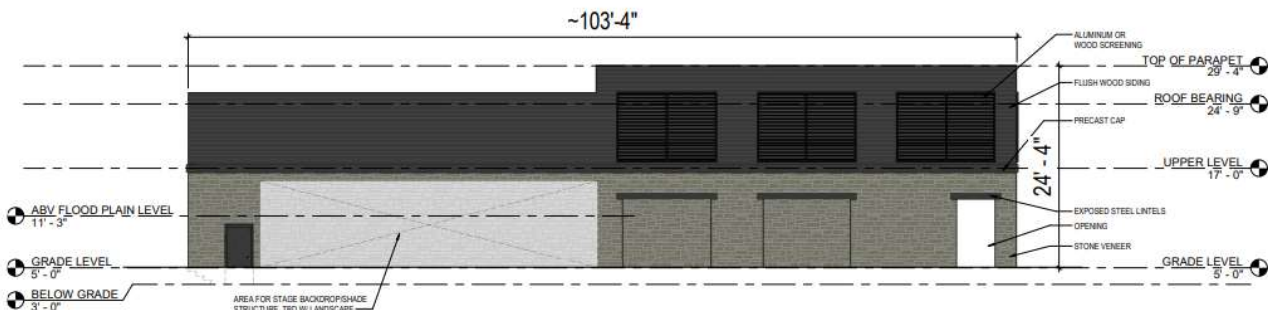
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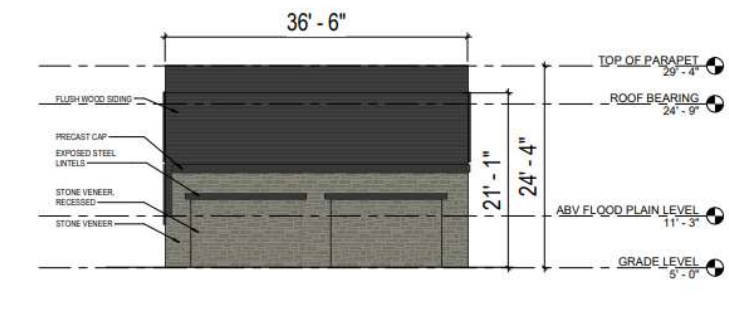
1 SOUTH ELEVATION - OPTION 2 - VIEW FROM PRINCE STREET
1/8" = 1'-0"



2 WEST ELEVATION - OPTION 2
1/8" = 1'-0"



3 NORTH ELEVATION - OPTION 2 - VIEW FROM WATERFRONT PARK
1/8" = 1'-0"



4 EAST ELEVATION - OPTION 2
1/8" = 1'-0"





Outreach & Engagement

Location Preference:

- ▶ Waterfront Commission - 11/19/25, 12/11/25 – **Prince Street**
- ▶ Parks and Recreation Commission - 11/21/25 – **Prince Street**
- ▶ Open House & Polling – 11/25/25 – **Prince Street**
- ▶ Board of Architectural Review – Concept Review 1/25 – **Strand Street**

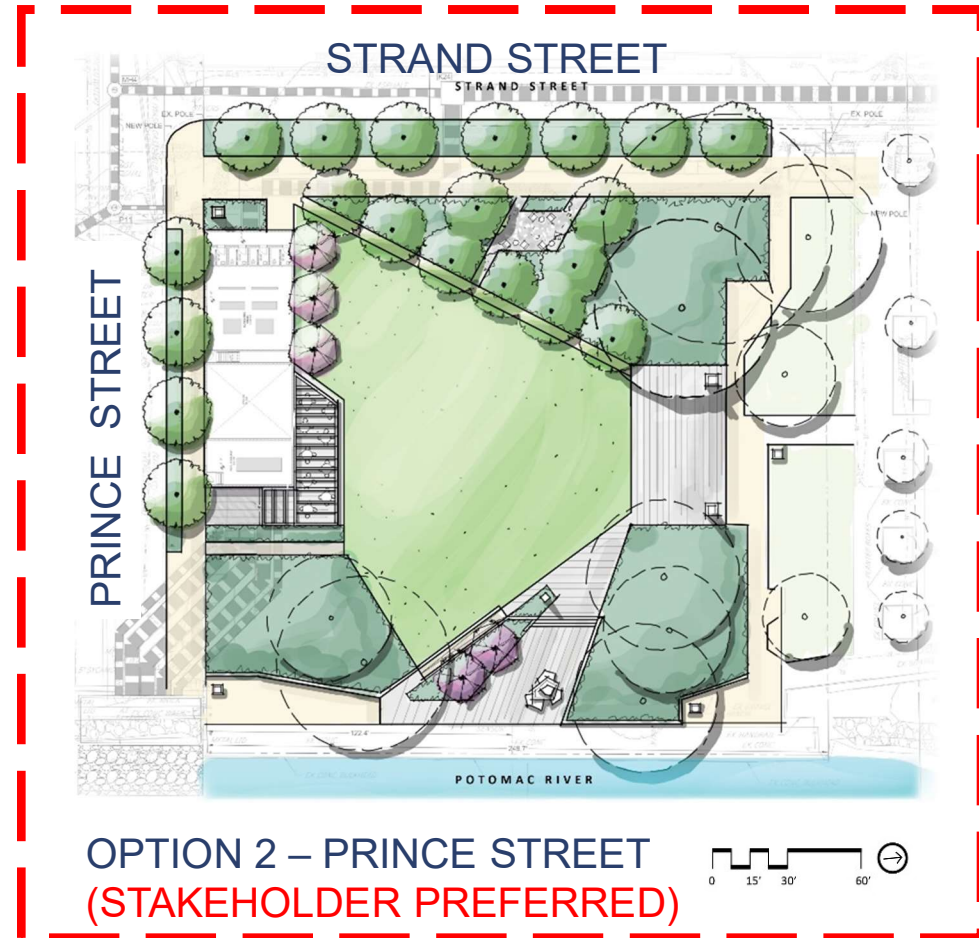


Prospective Locations

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OPTION 1 – STRAND STREET



OPTION 2 – PRINCE STREET
(STAKEHOLDER PREFERRED)



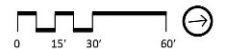
Preferred Location

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- ▶ River views from Strand
- ▶ Pedestrian Experience on Strand
- ▶ Orientation of Stage
- ▶ Maintenance Access on Prince
- ▶ Strand Building Façade from River
- ▶ Activation on Strand Street



OPTION 2 – PRINCE STREET
(STAKEHOLDER PREFERRED)





Alternative Site Evaluation

- 1 110 S Union
- 2 1 Prince Street
- 3 2&6 Prince Street
- 4 Point Lumley Park
- 5 Foot of Prince Street

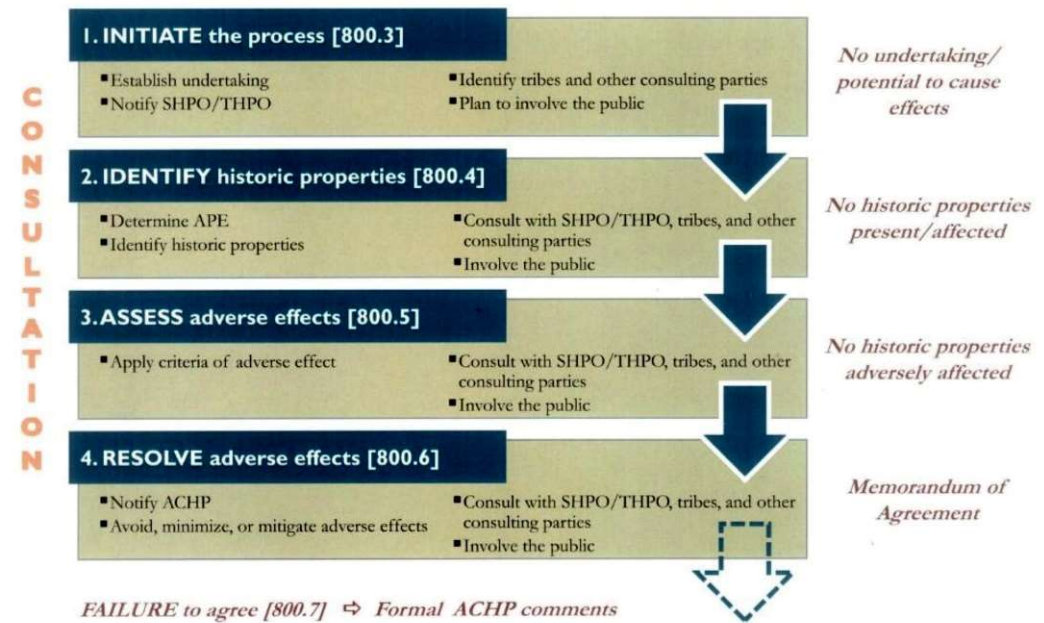




Section 106 Update

- ▶ Viewshed Analysis requested by NPS
 - ▶ Will be shared with Consulting Parties
- ▶ Marine Archaeology
- ▶ Phase 1 Terrestrial Archaeology
- ▶ Programmatic Agreement / Work Plan

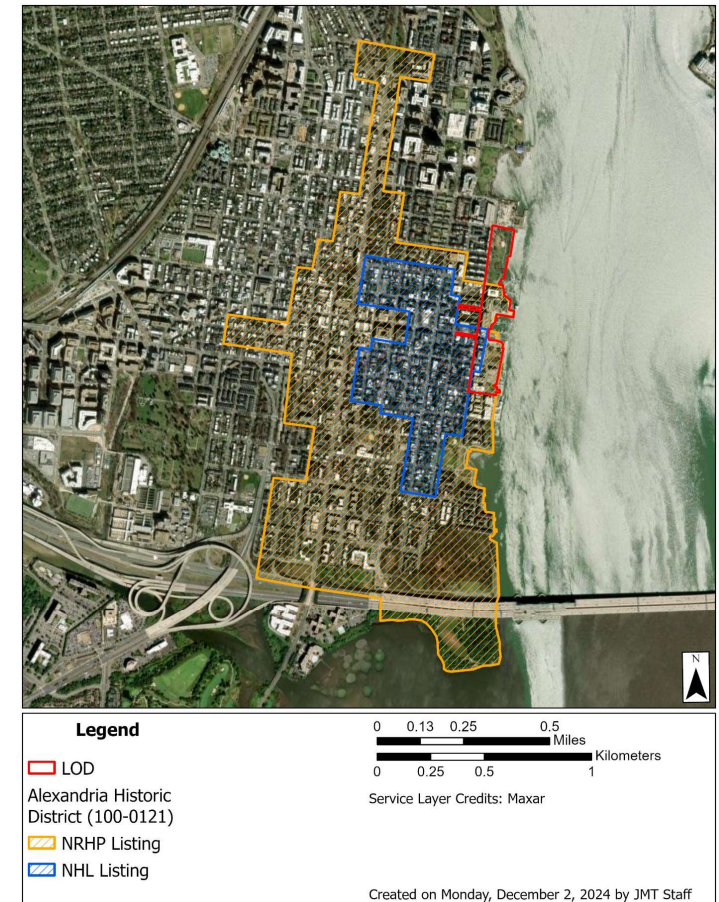
THE SECTION 106 PROCESS





Visual Effect Assessment

- ▶ Viewshed Analysis requested by NPS (NEPA)
- ▶ Will be shared with Consulting Parties
- ▶ Analyzing visual effects on:
 - ▶ Old and Historic District
 - ▶ Oxon Hill Cove Farm
 - ▶ Oxon Hill Manor and Cemetery
- ▶ Resources referenced from:
 - ▶ National Register of Historic Places
 - ▶ National Historic Landmarks



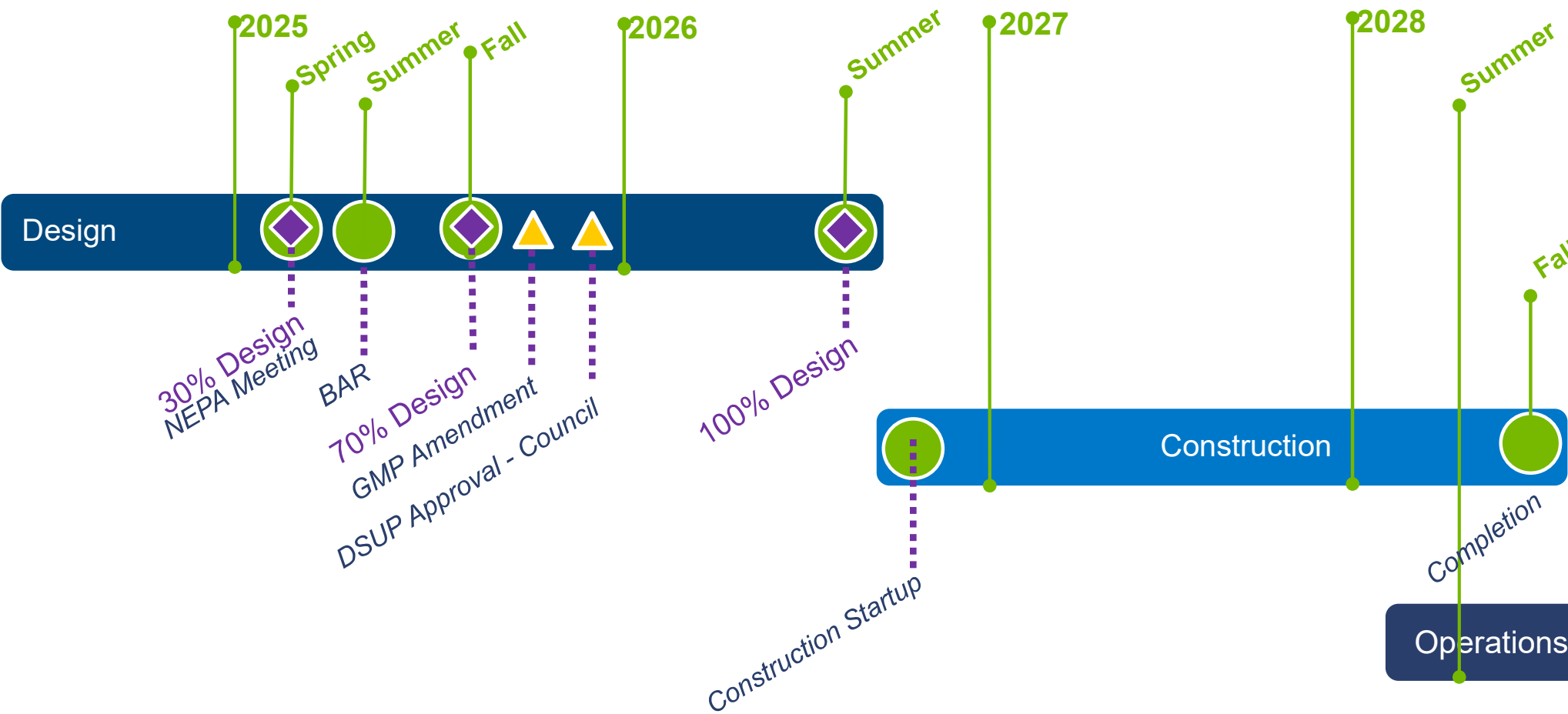
Anticipated Near-Term Schedule

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1. Council Update – January 28, 2025
2. Project Updates on Parks, Streets, and Lower King Pedestrianization
 1. Waterfront Commission – February & March
 2. Parks and Recreation Commission – February & March
 3. Open House – February or March
3. Board of Architectural Review – February - April 2025
- 4. NEPA/Section 106 Consulting Party Meeting – Anticipated in Late Winter or Spring 2025**
5. Preliminary Plan / 30% Design Submission – March & April
6. Continued Development of Archaeological Programmatic Agreement

Anticipated Schedule

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