

28TH STREET STORMWATER INFILTRATION PROJECT

JEFF FIJALKA (CITY OF MANHATTAN BEACH) AND KATIE HARREL (CWE)
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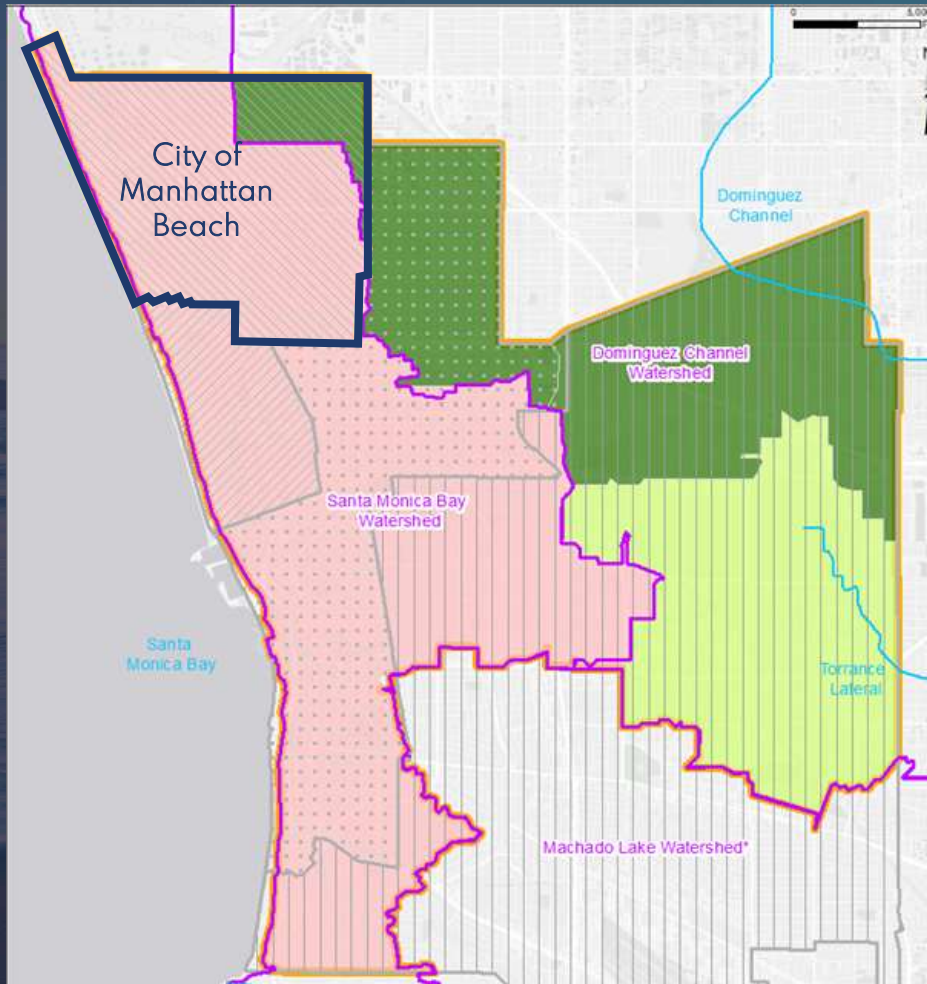


➤ Items to be presented:

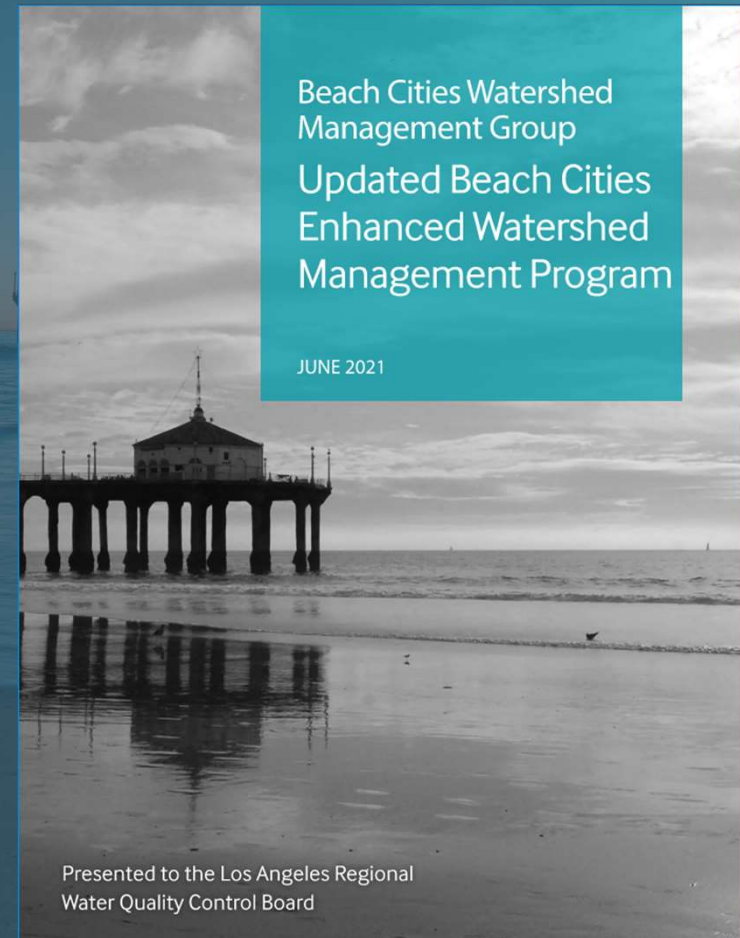
- Project origin, concept, and benefits
- Project Funding
- Project Schedule
- California Environmental Quality Act (CEQA)

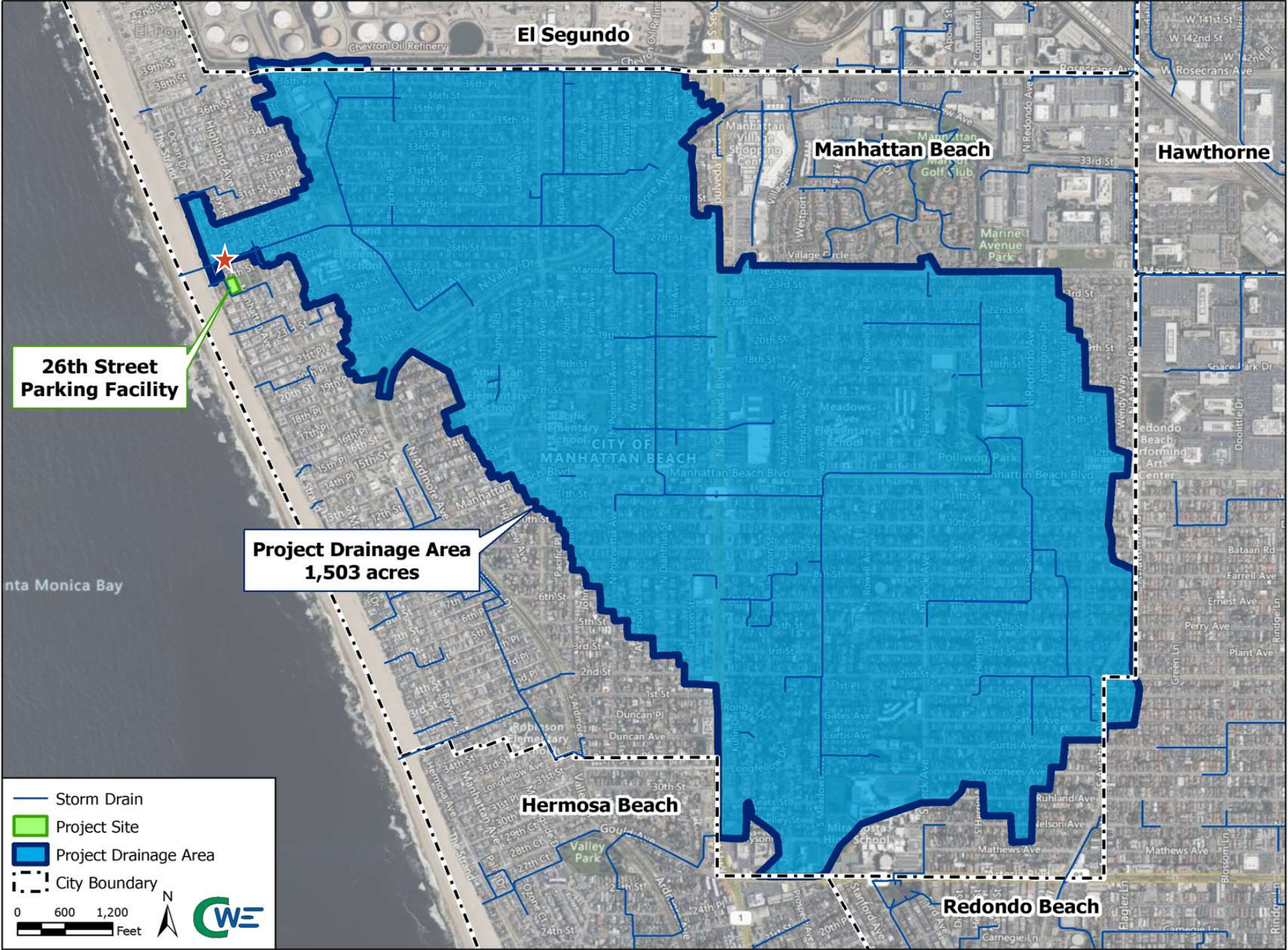
AGENDA





ORIGIN





El Segundo

Manhattan Beach

Hawthorne

**26th Street
Parking Facility**

**Project Drainage Area
1,503 acres**


Hermosa Beach

Redondo Beach

- Storm Drain
- Project Site
- Project Drainage Area
- City Boundary

0 600 1,200 Feet

N



Divert urban runoff from storm drain

Pump runoff to an underground infiltration system

Pretreat runoff

Infiltrate runoff

CONCEPT





Improve water quality on the beach and in Santa Monica Bay



Reduce discharge of bacteria, trash, and debris from the drainage system



Minimize potential for beach closures



Enhance environment for marine life



Create opportunities for education and outreach

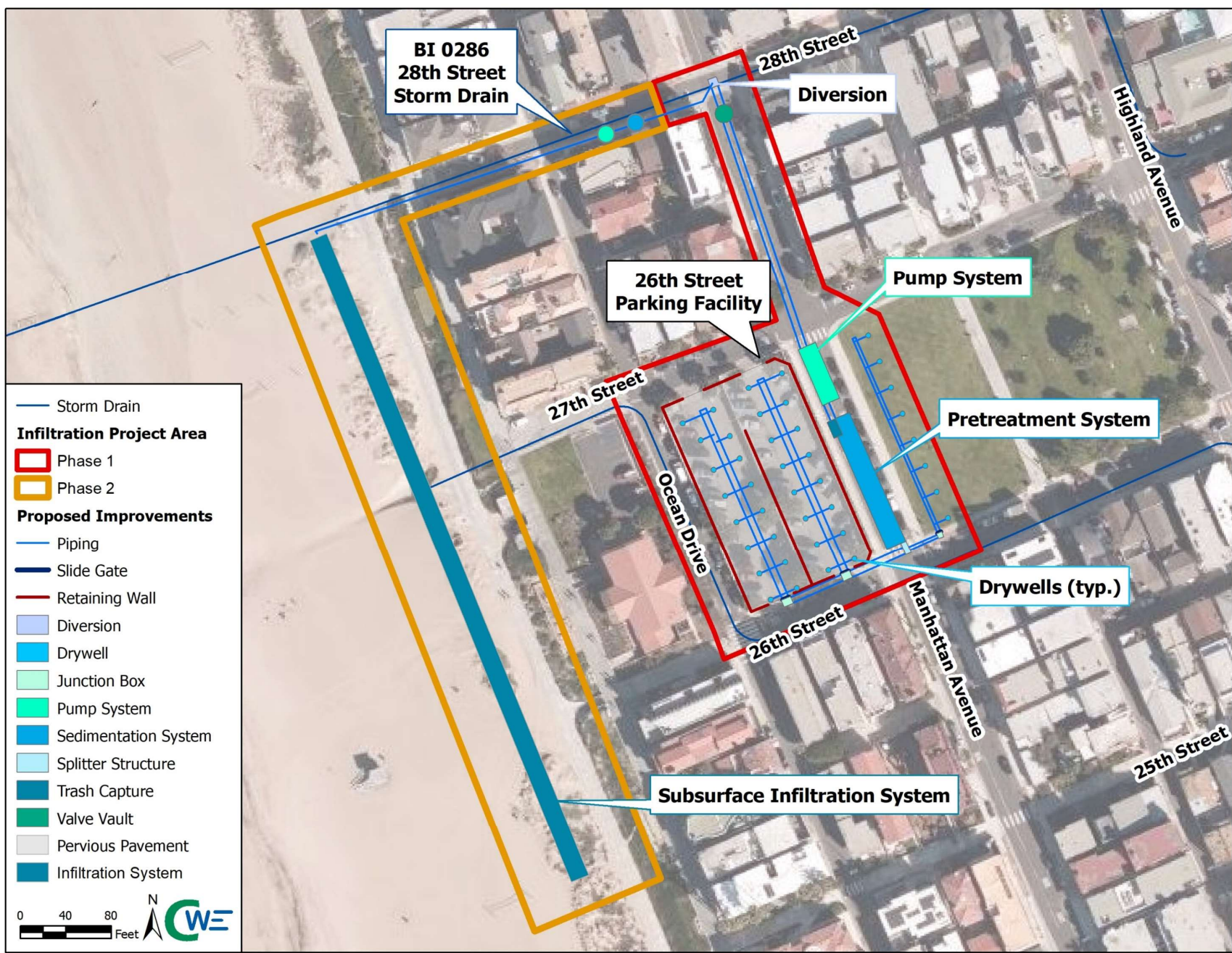


Improve the 26th Street Parking Facility

BENEFITS







Diversion
Structure

Pump
System

Trash
Capture

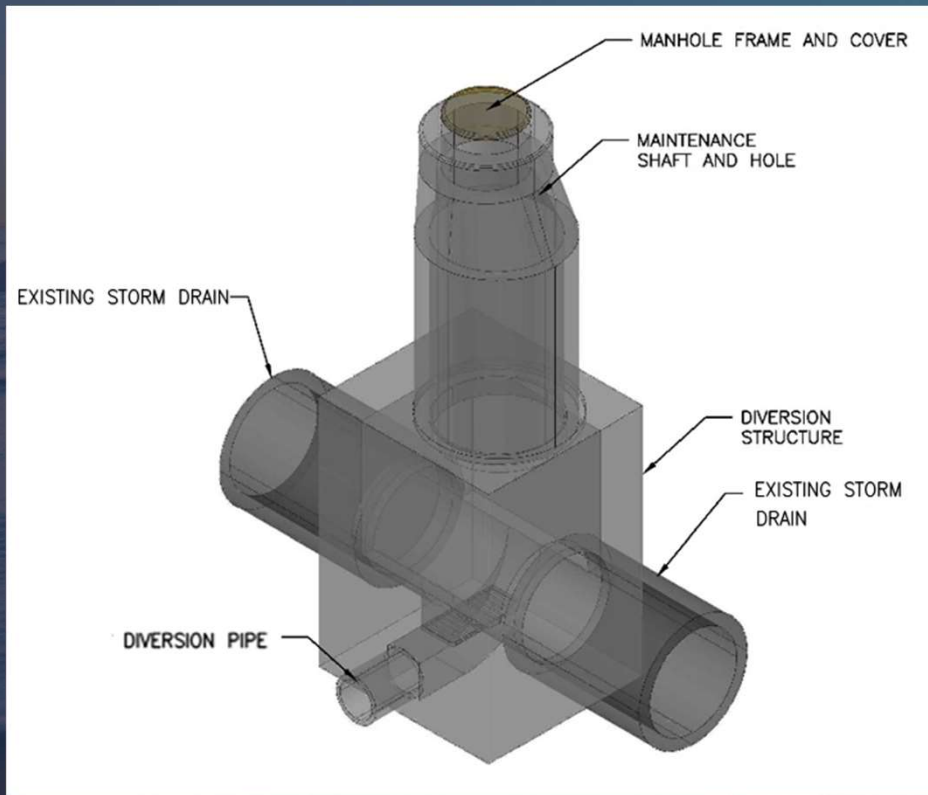
Sedimentati
on System

Drywells

Parking Lot
Improvement
s

PROJECT ELEMENTS





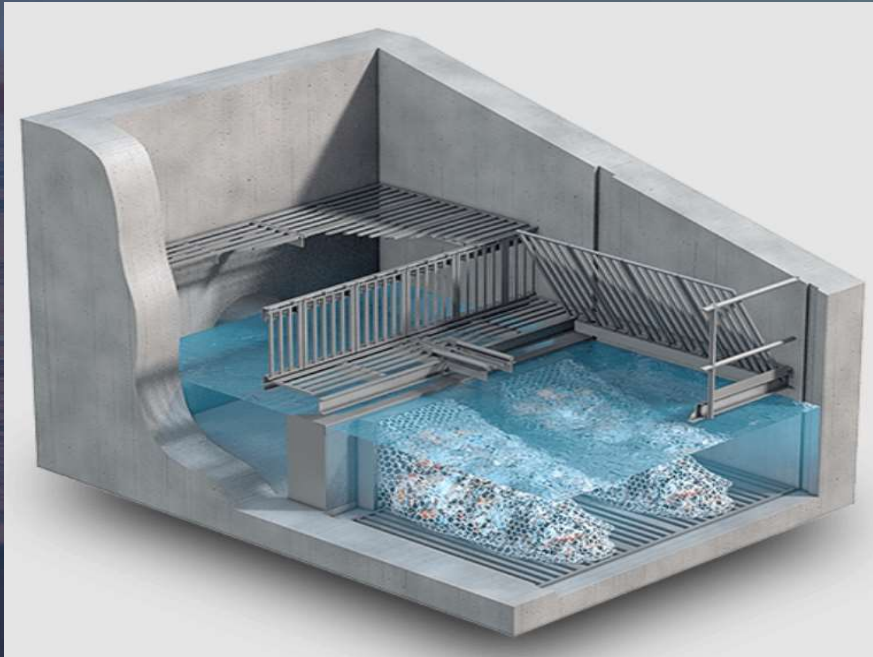
DIVERSION STRUCTURE





PUMP STATION





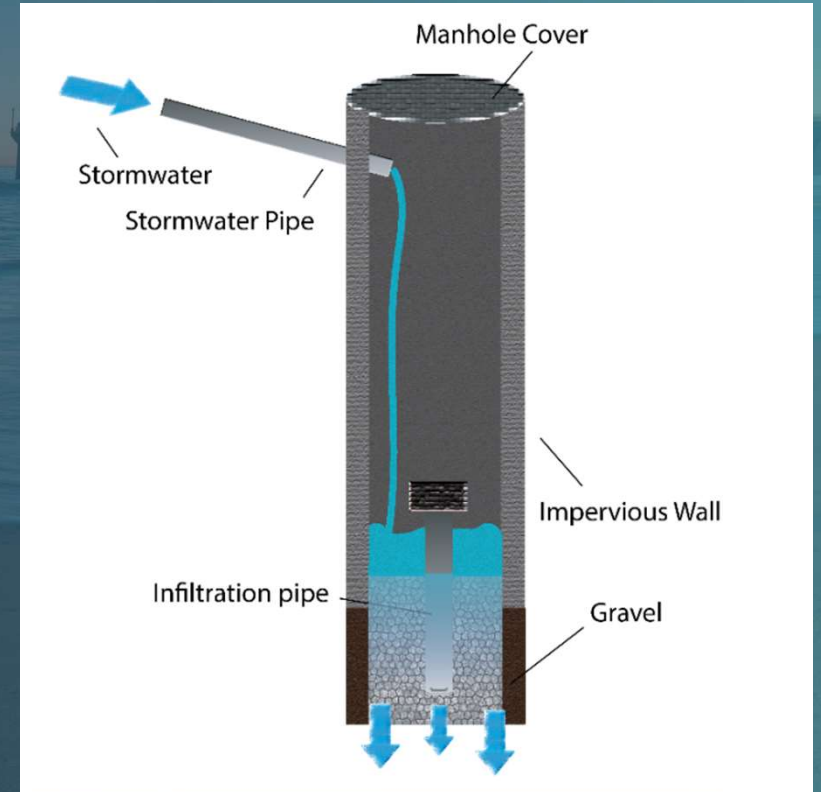
Trash Trap



Concrete Sedimentation System

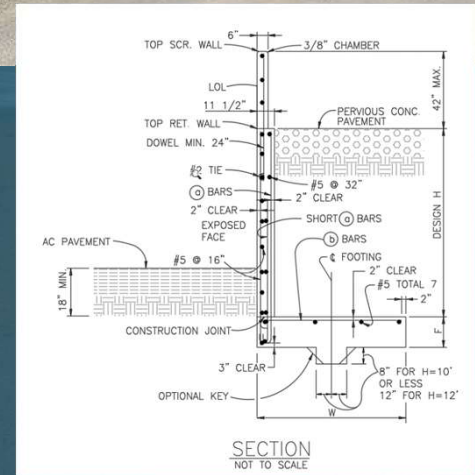
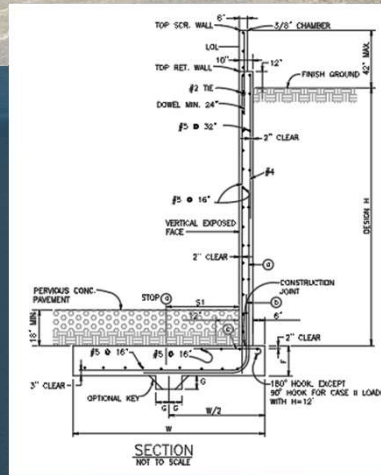
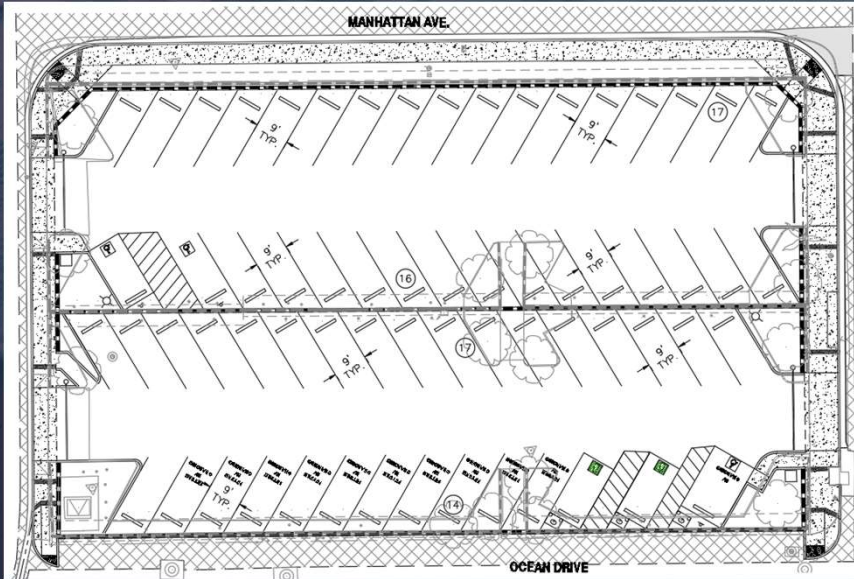
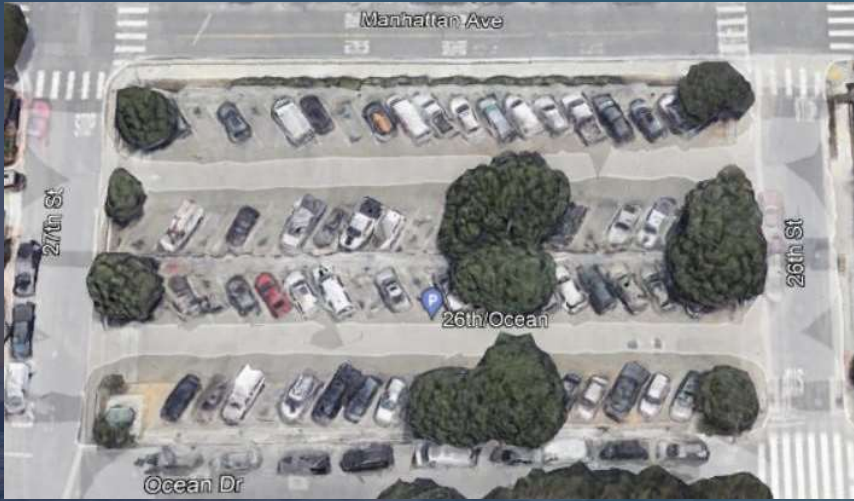
TRASH CAPTURE AND SEDIMENTATION





DRYWELLS





PARKING LOT IMPROVEMENTS



➤ Funding:

- Proposition 1: \$8,535,000
- Proposition 68: \$4,936,566
- Safe Clean Water Program: \$17,620,030

FUNDING



Milestone	Anticipated Completion
Complete CEQA	March 2024
Complete Design	April 2024
Bidding	May 2024
Construction Start	August 2024
Construction Duration	18 months

SCHEDULE



➤ Mitigation Measures

- Air quality
- Biological resources
- Cultural resources
- Geology and soils
- Noise

CEQA



➤ Mitigation Measures

- Transportation/traffic
- Tribal cultural resources

Posted for public review through early
March

CEQA





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CONTACT





FEEDBACK

