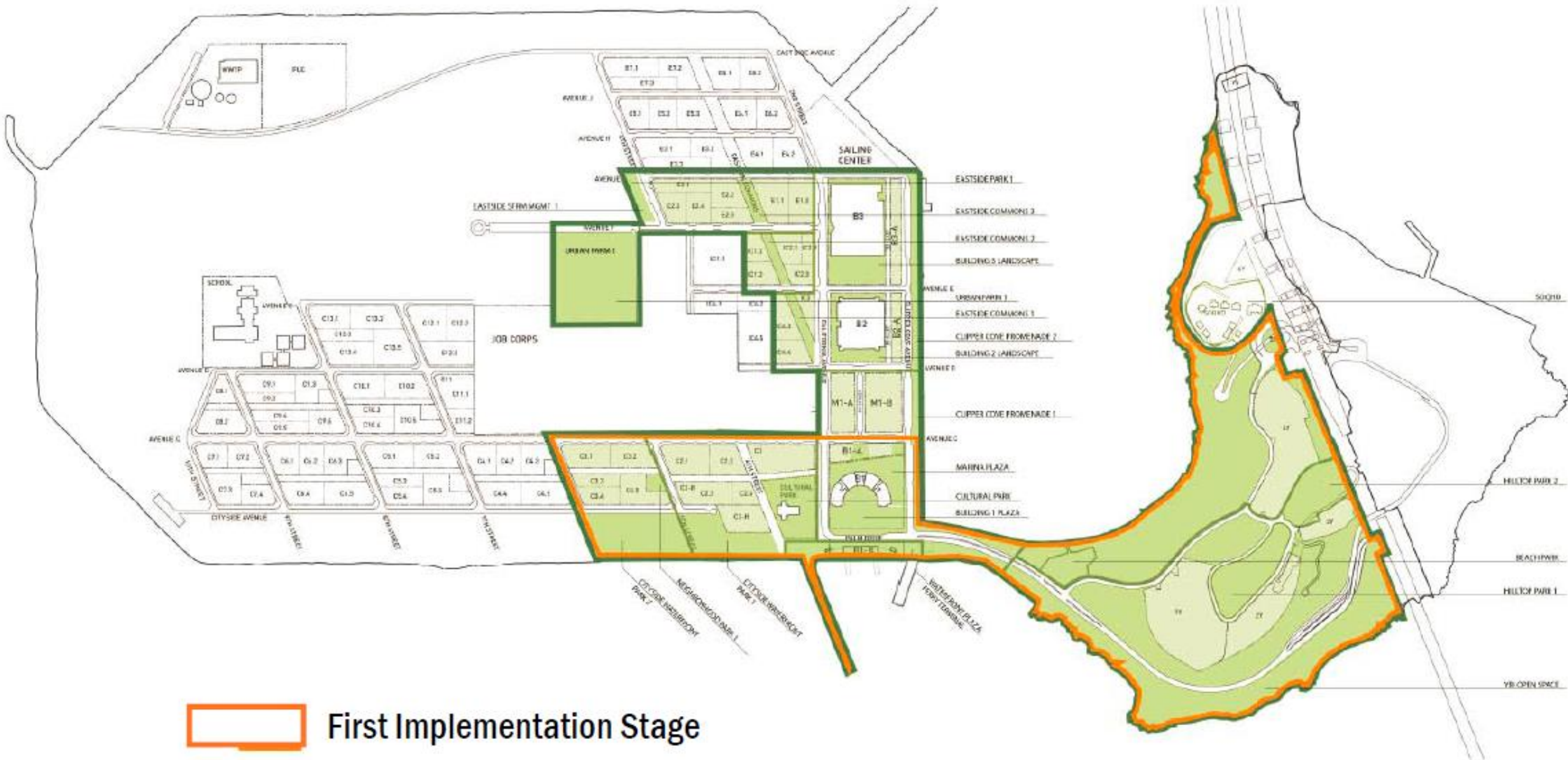


THE NEXT FEW YEARS ON TREASURE ISLAND



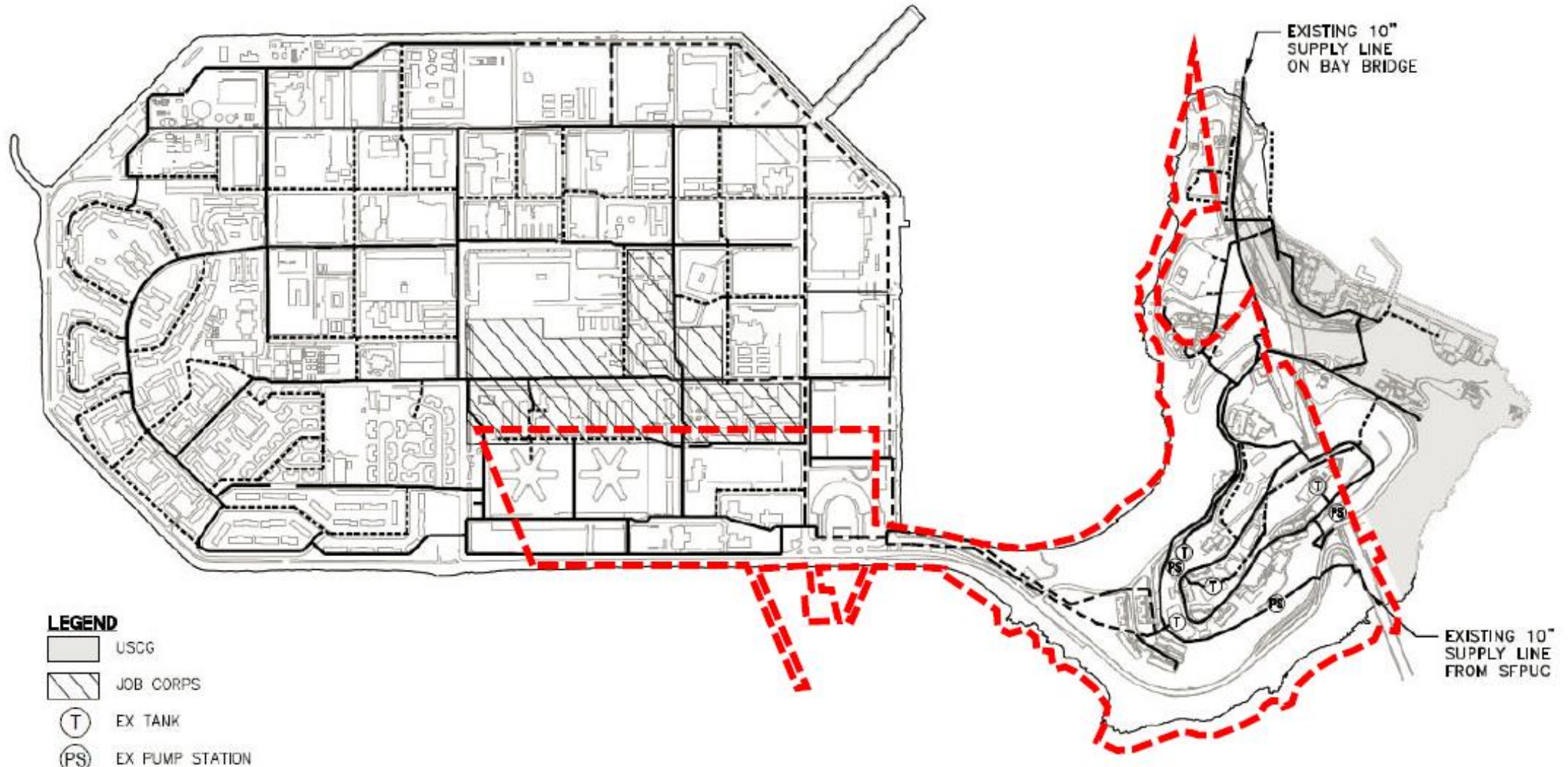
DEMOLITION & UTILITY RELOCATION



First Implementation Stage

GREAT WHITES

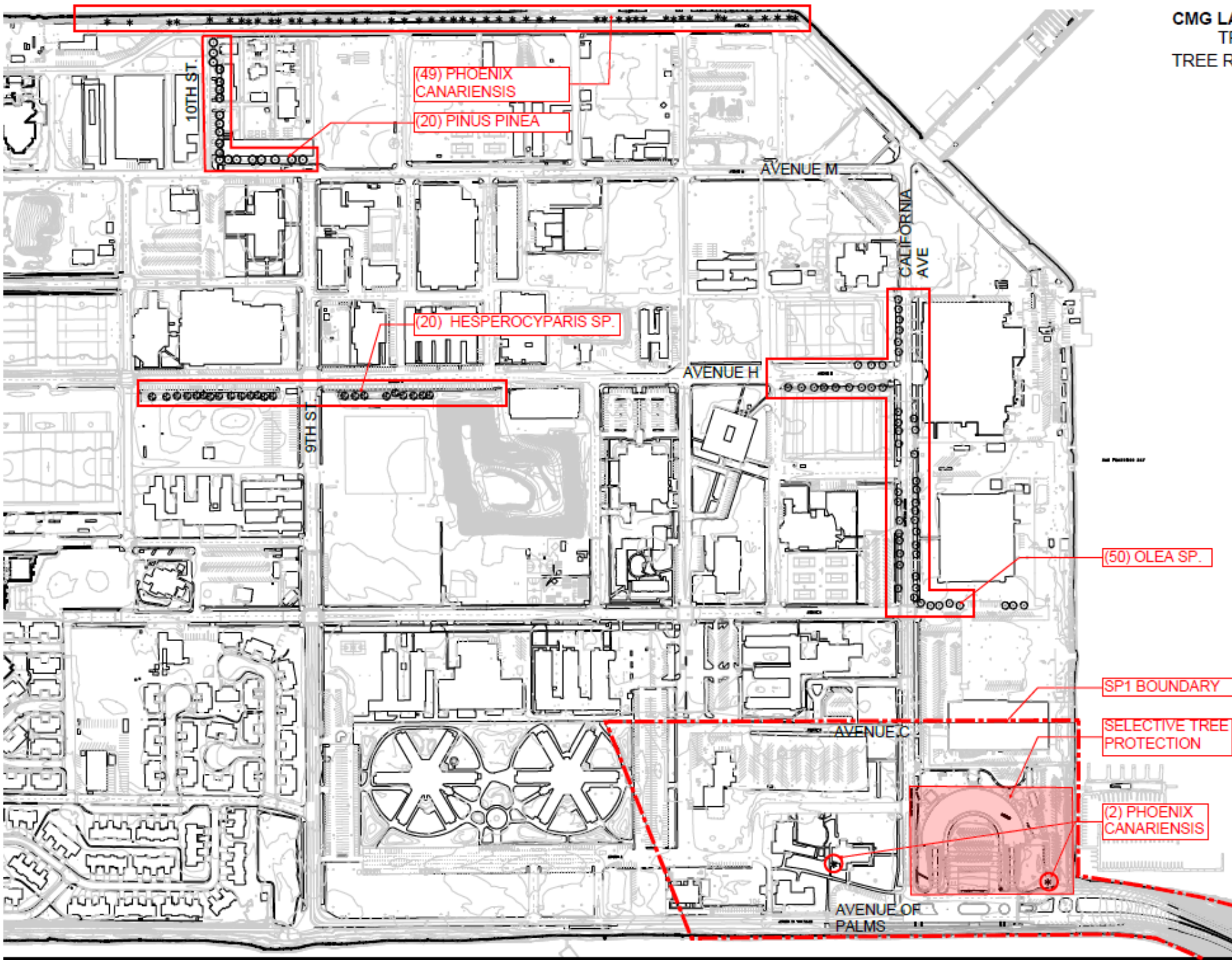
JOB CORPS







LEGEND

- USCG
- JOB CORPS
- T EX TANK
- PS EX PUMP STATION
- EX 6" WATER LINE
- EX 10" OR GREATER WATER LINE
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First Implementation Stage

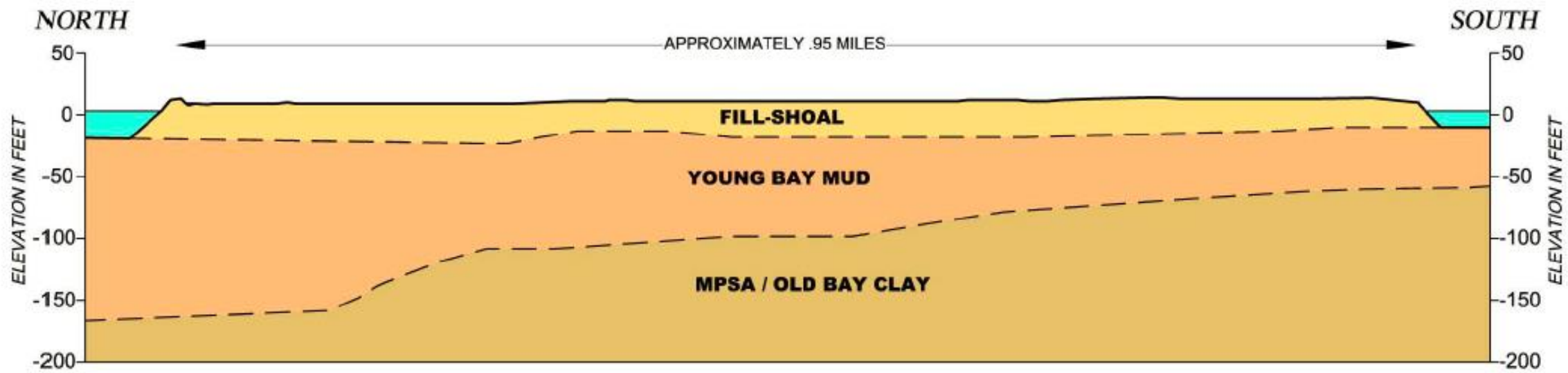
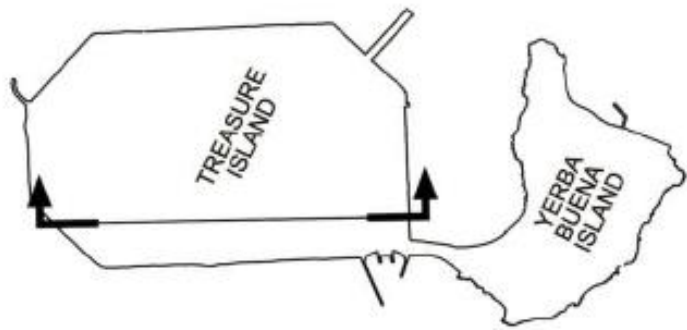


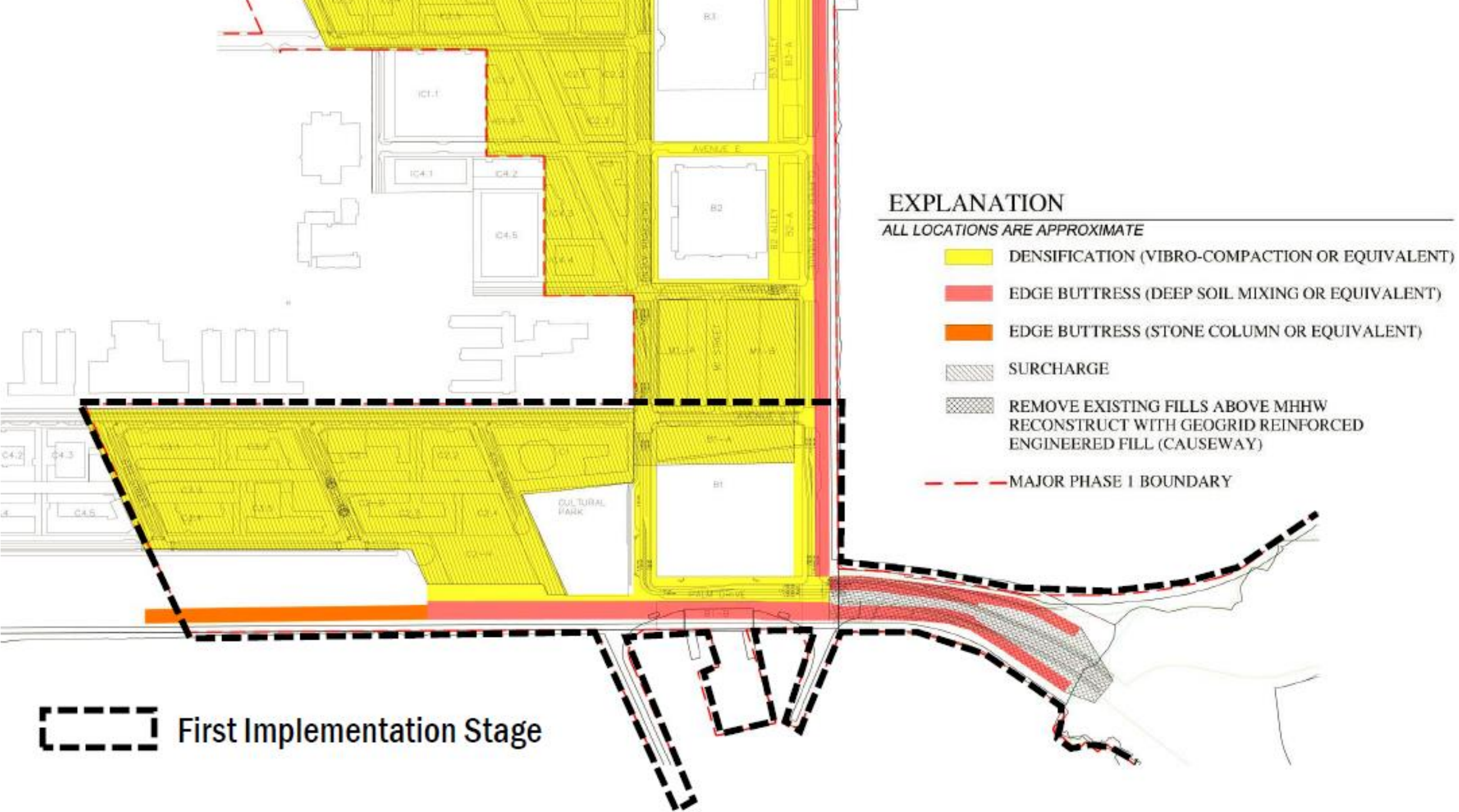
SELECT TREE SPECIES-TI

	HESPEROCYPARIS SP.
	OLEA SP.
	PHOENIX CANARIENSIS
	PINUS PINEA

GEO TECHNICAL IMPROVEMENTS





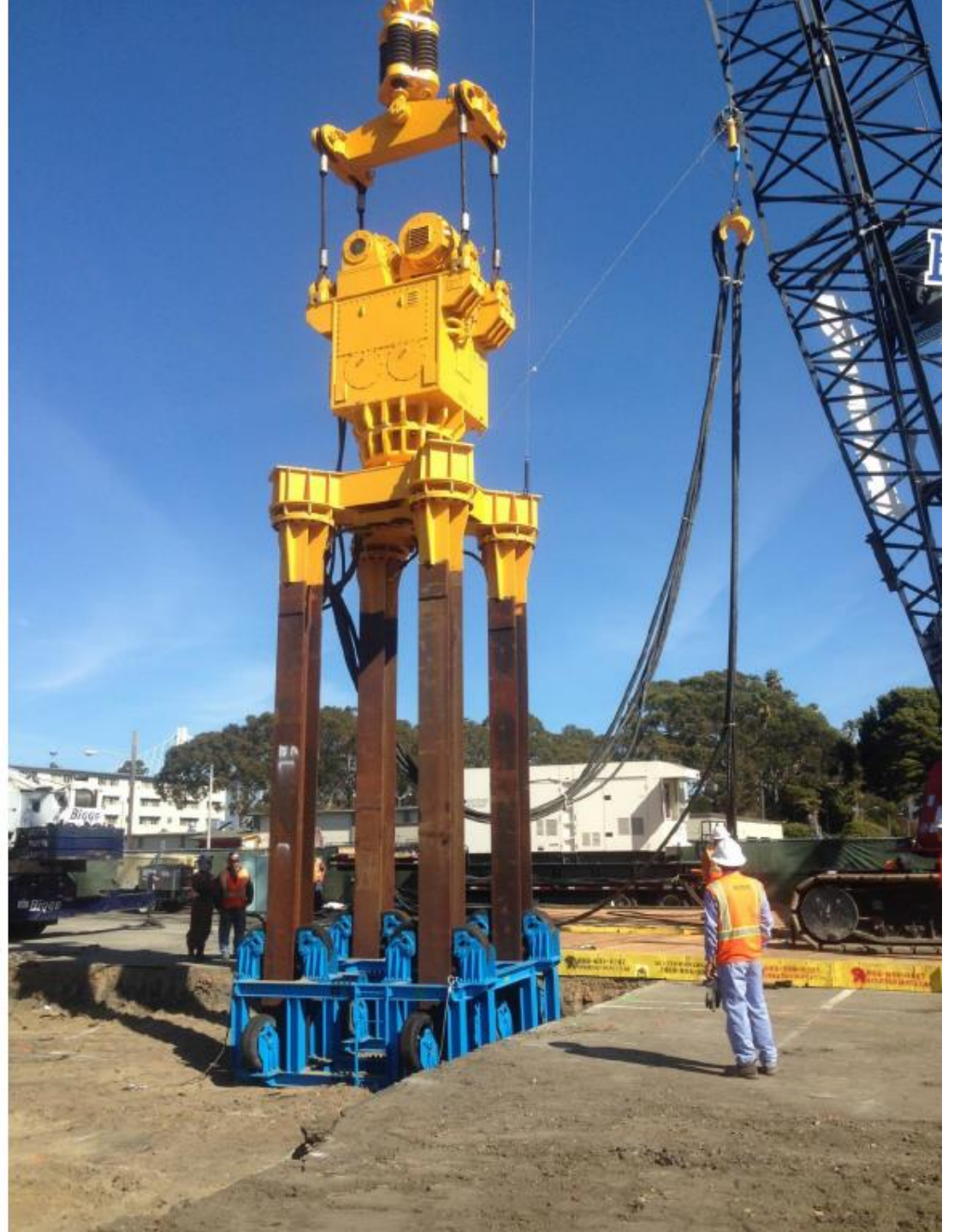


EXPLANATION

ALL LOCATIONS ARE APPROXIMATE

- DENSIFICATION (VIBRO-COMPACTION OR EQUIVALENT)
- EDGE BUTTRESS (DEEP SOIL MIXING OR EQUIVALENT)
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- SURCHARGE
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RECONSTRUCT WITH GEOGRID REINFORCED
ENGINEERED FILL (CAUSEWAY)
- MAJOR PHASE I BOUNDARY

 First Implementation Stage



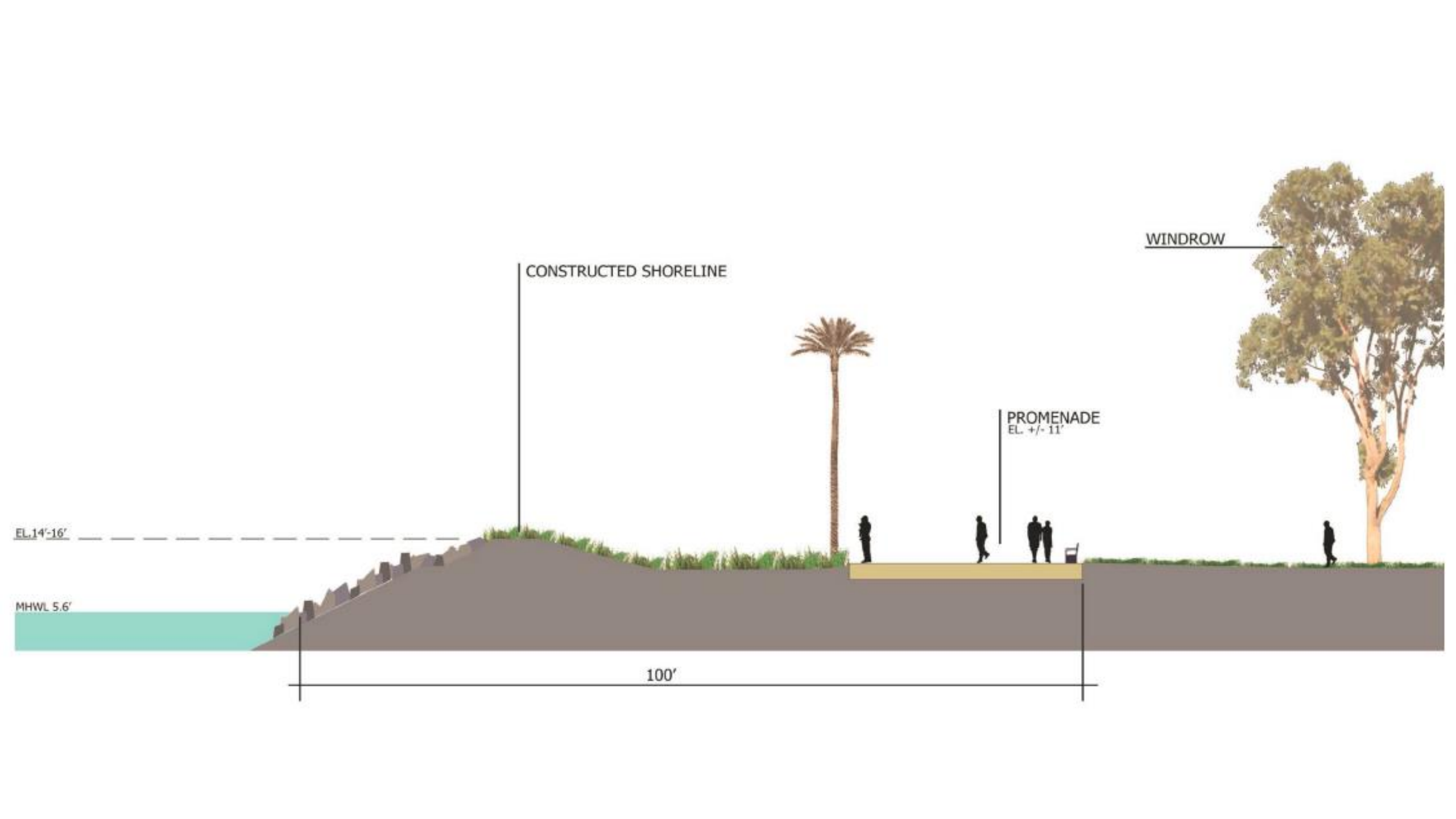






WATERFRONT IMPROVEMENTS





CONSTRUCTED SHORELINE

WINDROW

PROMENADE
EL. +/- 11'

EL. 14'-16'

MHWL 5.6'

100'

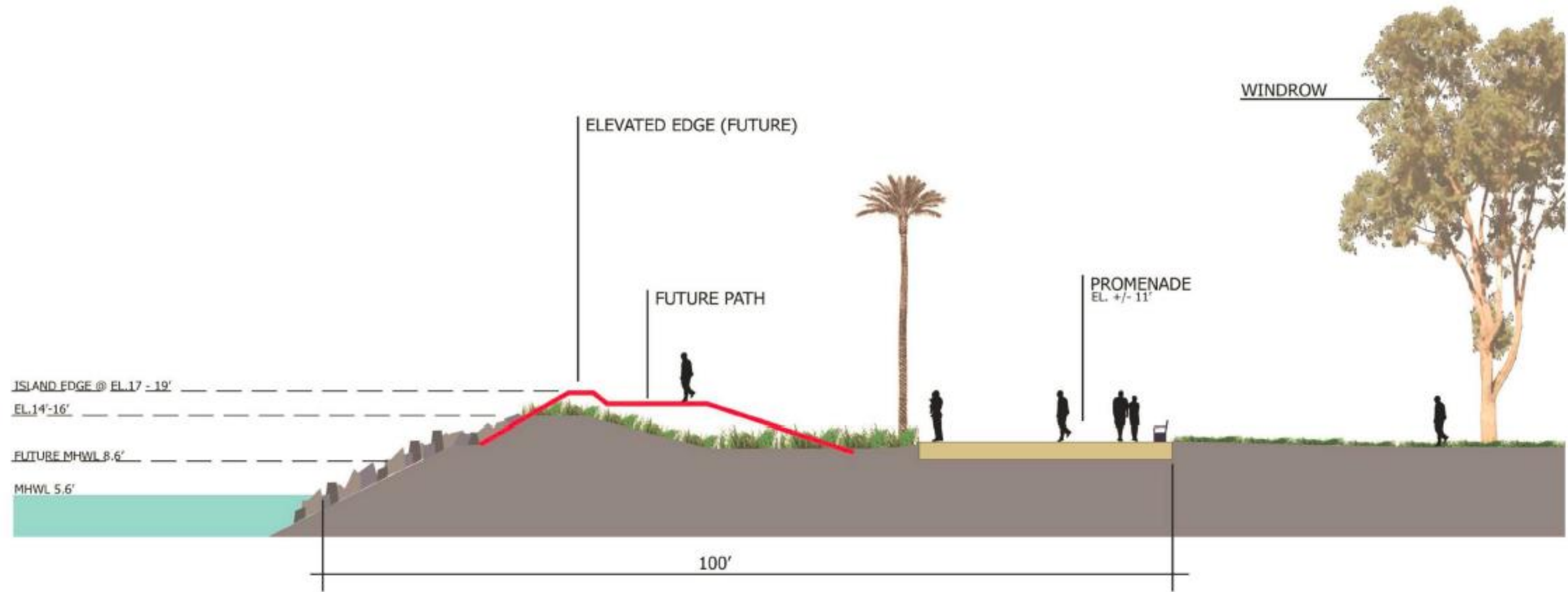
Sea Level Rise

Planning and Design Approach

TIME	Build High and Monitor
SPACE	Ample setbacks and open Spaces
FUNDING	Project Generated

=

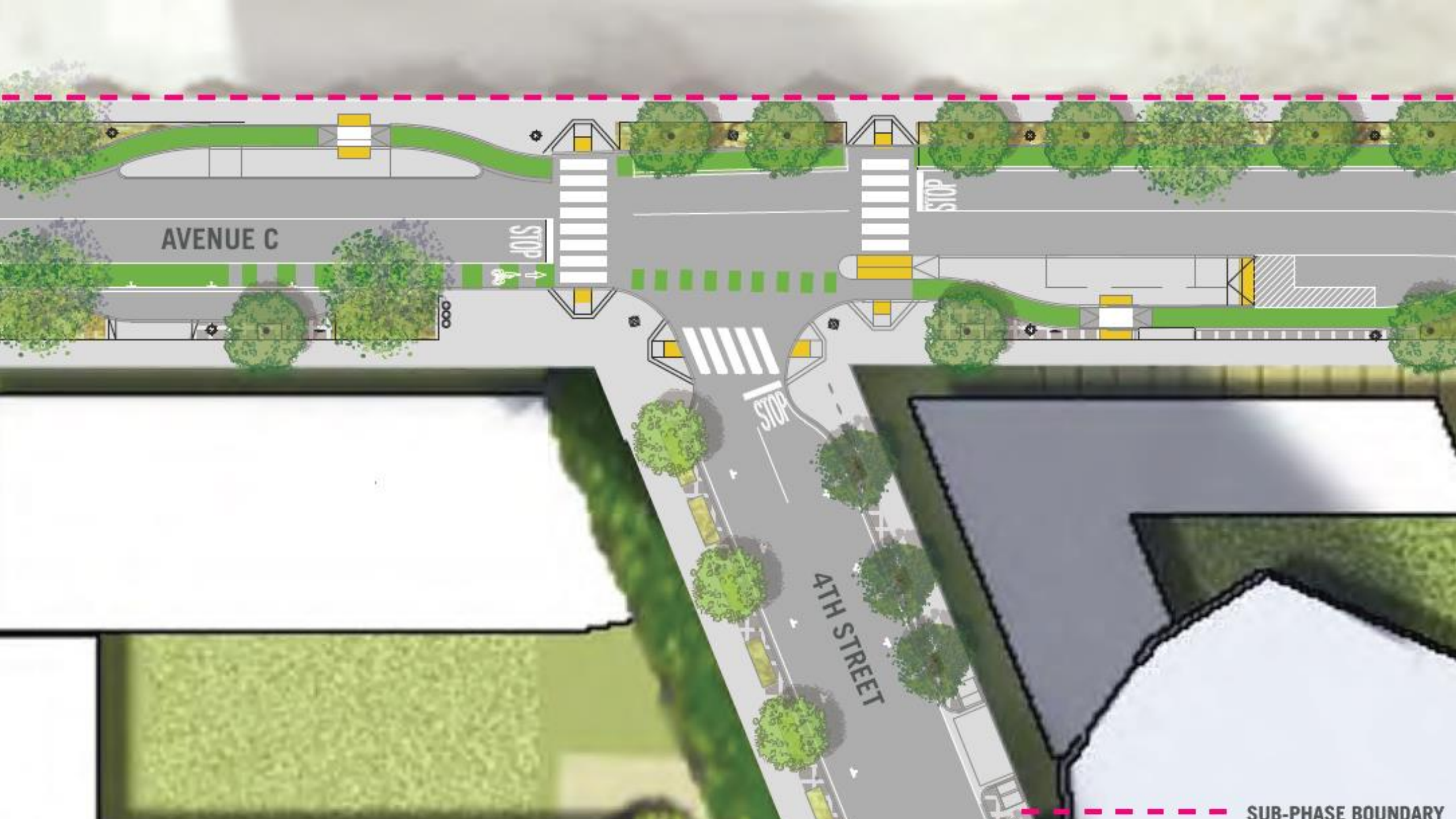
PLENTY OF OPTIONS





- 1. FLOAT
- 2. GANGWAY
- 3. PIER
- 4. PLAZA
- 5. SHELTER
- 6. NORTH BREAKWATER
- 7. SOUTH BREAKWATER
- 8. SHORELINE IMPROVEMENTS

UTILITIES & STREETS



AVENUE C

STOP

STOP

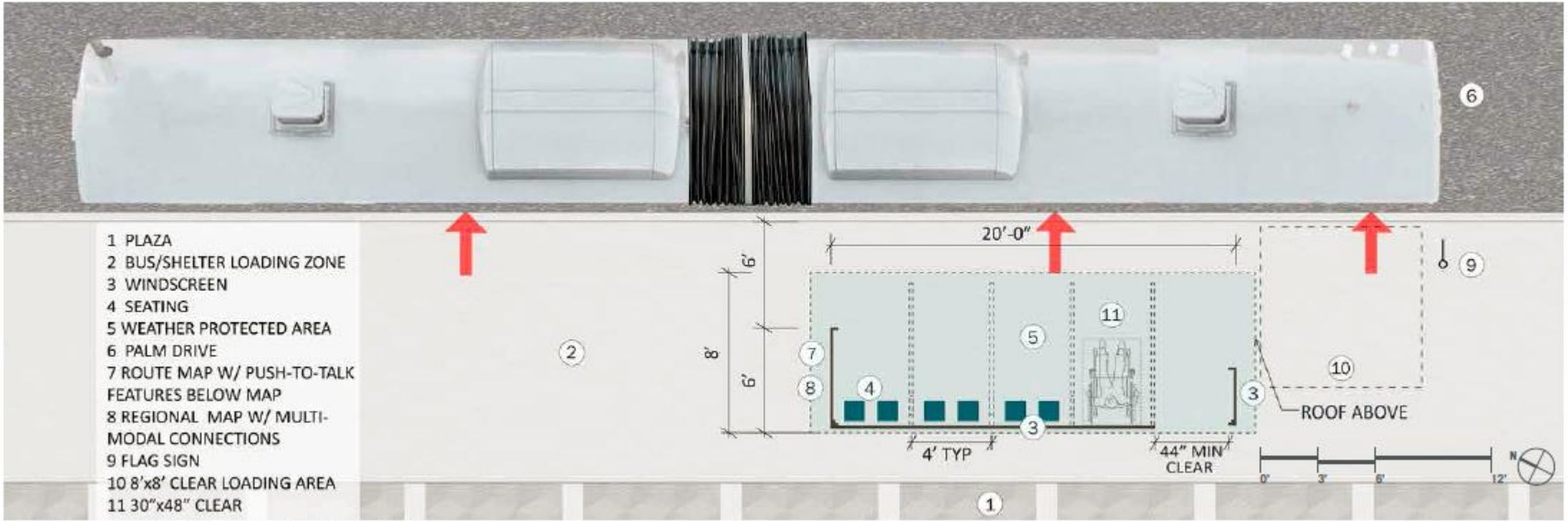
STOP

4TH STREET

SUB-PHASE BOUNDARY



WATERFRONT PLAZA BUS & SHUTTLE SHELTER EAST ELEVATION



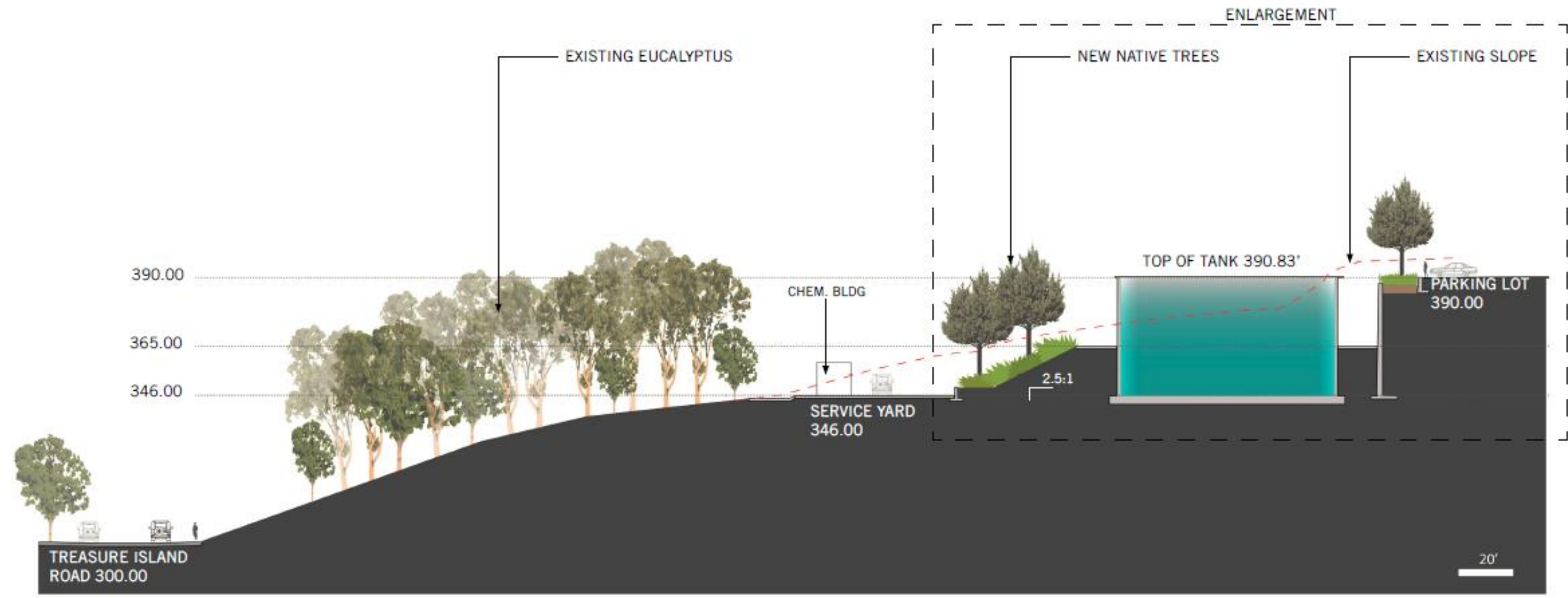
WATERFRONT PLAZA BUS & SHUTTLE SHELTER PLAN

**YERBA BUENA ISLAND
WATER TANKS
VISUAL IMPACT STUDY
Phase 1 and 2
SF Arts Commission
Civic Design Review
09.28.2015**



WATER TANKS

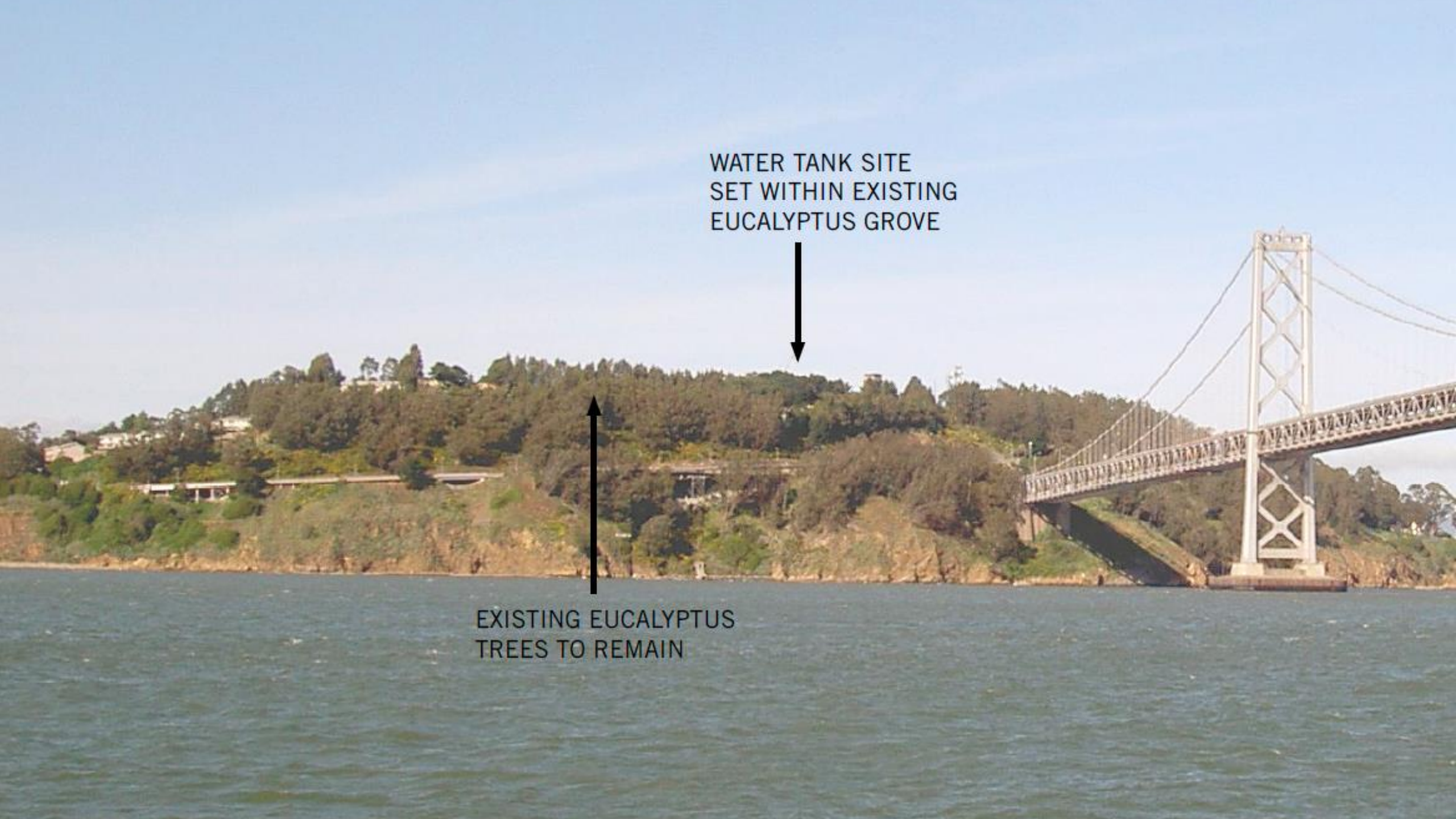


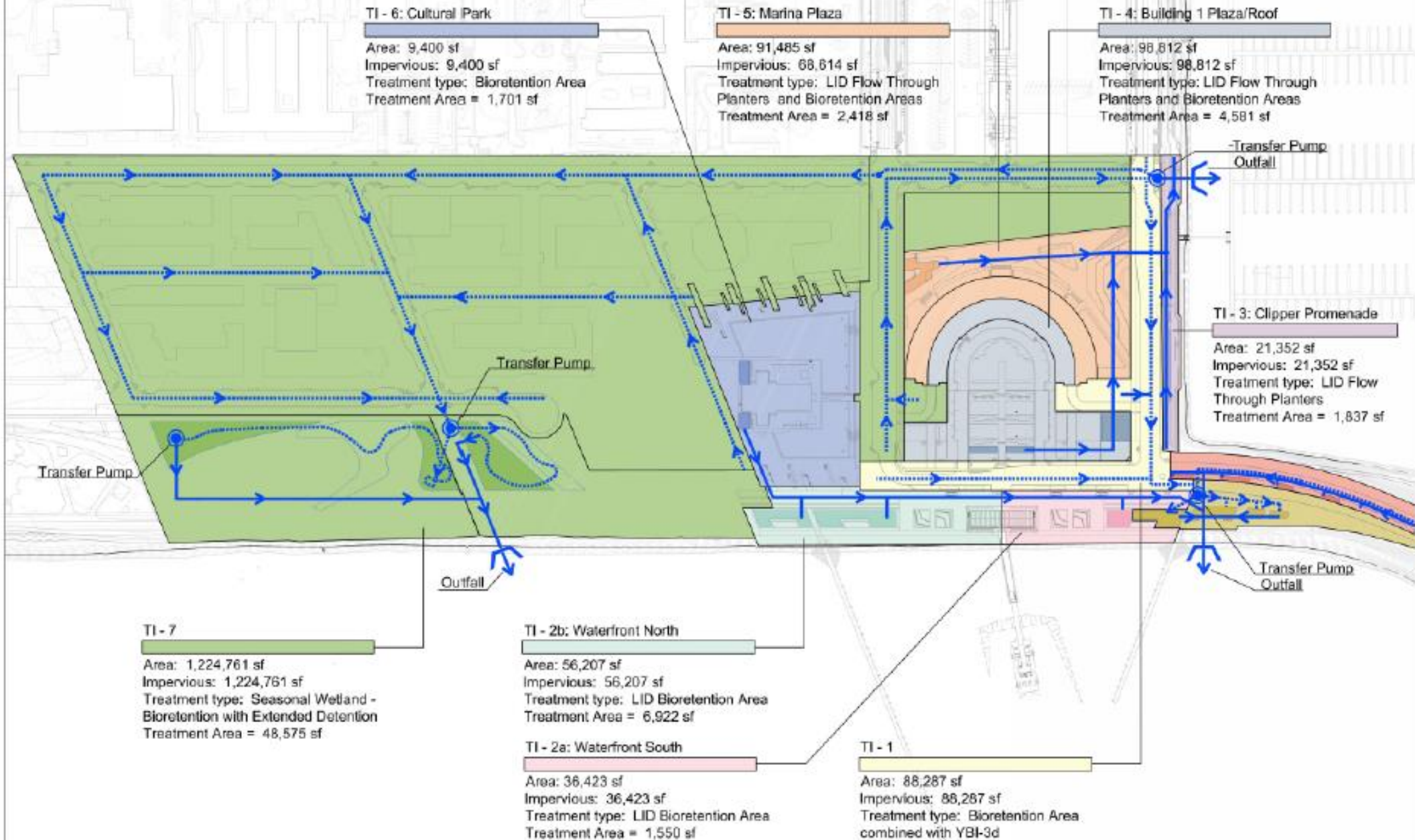


WATER TANK SITE
SET WITHIN EXISTING
EUCALYPTUS GROVE



EXISTING EUCALYPTUS
TREES TO REMAIN





PRIMARY TREATMENT AREA

SECONDARY TREATMENT AREA

BTA - 1

BTA - 2 - 3

BTA - 4

SEWER MAIN

TREATMENT CHANNEL

FOREBAY - BUFFER



DUNE SWALE AND UPLAND

CRISSY FIELD



RIPARIAN

TENNESSEE HOLLOW STREAM RESTORATION



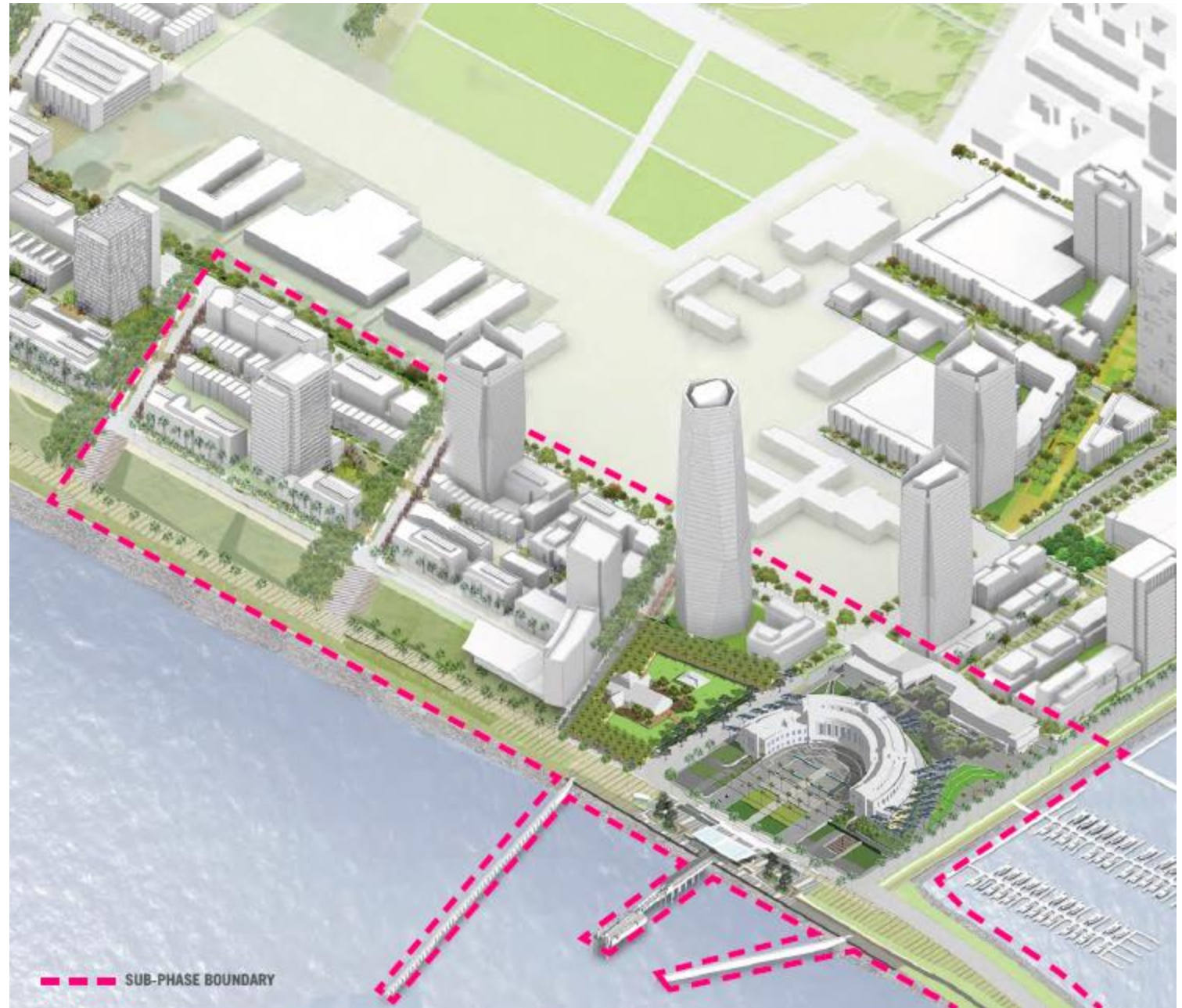
INTERMITTENT STREAM

GRAVEL AND VEGETATED CHANNEL



VERTICAL DEVELOPMENT

~ 1850 HOMES
~ 100,000sf
COMMERCIAL
~ 300 HOTEL ROOMS



~ 300 HOMES

~ 50 HOTEL ROOMS



TI/YBI CREDIT CHECKLIST

LEED® FOR NEIGHBORHOOD DEVELOPMENT

● YES: 70
 ● MAYBE: 15
 ○ NO: 25



SMART LOCATION & LINKAGE 22 / 28 POINTS

PREREQ 1	Smart Location	✓
PREREQ 2	Imperiled Species and Ecological Communities	✓
PREREQ 3	Wetland and Water Body Conservation	✓
PREREQ 4	Agricultural Land Conservation	✓
PREREQ 5	Floodplain Avoidance	✓
CREDIT 1	Preferred Locations	●●●●●●●●
CREDIT 2	Brownfield Redevelopment	●●
CREDIT 3	Locations w/ Reduced Automobile Dependence	●●●●●●●●
CREDIT 4	Bicycle Storage	●●
CREDIT 5	Housing and Jobs Proximity	○●○
CREDIT 6	Steep Slope Protection	●
CREDIT 7	Site Design for Habitat / Wetland & Water Body Conservation	●
CREDIT 8	Restoration of Habitat/Wetlands and Water Bodies	●
CREDIT 9	Long-Term Cnsvrtn. Mgmt. of Habitat/Wetlands & Water Bodies	●



NEIGHBORHOOD PATTERN & DESIGN 31 / 41 POINTS

PREREQ 1	Walkable Streets	✓
PREREQ 2	Compact Development	✓
PREREQ 3	Connected and Open Community	✓
CREDIT 1	Walkable Streets	○●○●●●●●
CREDIT 2	Compact Development	○●○●●●●●
CREDIT 3	Mixed-Use Neighborhood Centers	●●●●●
CREDIT 4	Housing Types and Affordability	●●●●●●●●
CREDIT 5	Reduced Parking Footprint	●
CREDIT 6	Street Network	●●
CREDIT 7	Transit Facilities	●
CREDIT 8	Transportation Demand Management	●●
CREDIT 9	Access to Civic and Public Spaces	●
CREDIT 10	Access to Recreation Facilities	●
CREDIT 11	Visitability and Universal Design	○
CREDIT 12	Community Outreach and Involvement	●●
CREDIT 13	Local Food Production	●●
CREDIT 14	Tree-Lined and Shaded Streets	●●
CREDIT 15	Neighborhood Schools	●



GREEN INFRASTRUCTURE & BUILDINGS 11/31 POINTS

PREREQ 1	Certified Green Building	✓
PREREQ 2	Minimum Building Energy Efficiency	✓
PREREQ 3	Minimum Building Water Efficiency	✓
PREREQ 4	Construction Activity Pollution Prevention	✓
CREDIT 1	Certified Green Buildings	○●○●●
CREDIT 2	Building Energy Efficiency	○●
CREDIT 3	Building Water Efficiency	●
CREDIT 4	Water-Efficient Landscaping	○●
CREDIT 5	Existing Building Use	●
CREDIT 6	Historic Resource Preservation and Adaptive Reuse	●●
CREDIT 7	Minimized Site Disturbance in Design and Construction	●
CREDIT 8	Stormwater Management	○●○●●
CREDIT 9	Heat Island Reduction	●
CREDIT 10	Solar Orientation	○
CREDIT 11	On-Site Renewable Energy Sources	○●○●
CREDIT 12	District Heating and Cooling	○●
CREDIT 13	Infrastructure Energy Efficiency	●
CREDIT 14	Wastewater Management	○●
CREDIT 15	Recycled Content in Infrastructure	●
CREDIT 16	Solid Waste Management Infrastructure	●
CREDIT 17	Light Pollution Reduction	●



INNOVATION & DESIGN PROCESS 2 / 6 POINTS

CREDIT 1	Innovation and Exemplary Performance	○●○●●●
CREDIT 2	LEED Accredited Professional	●

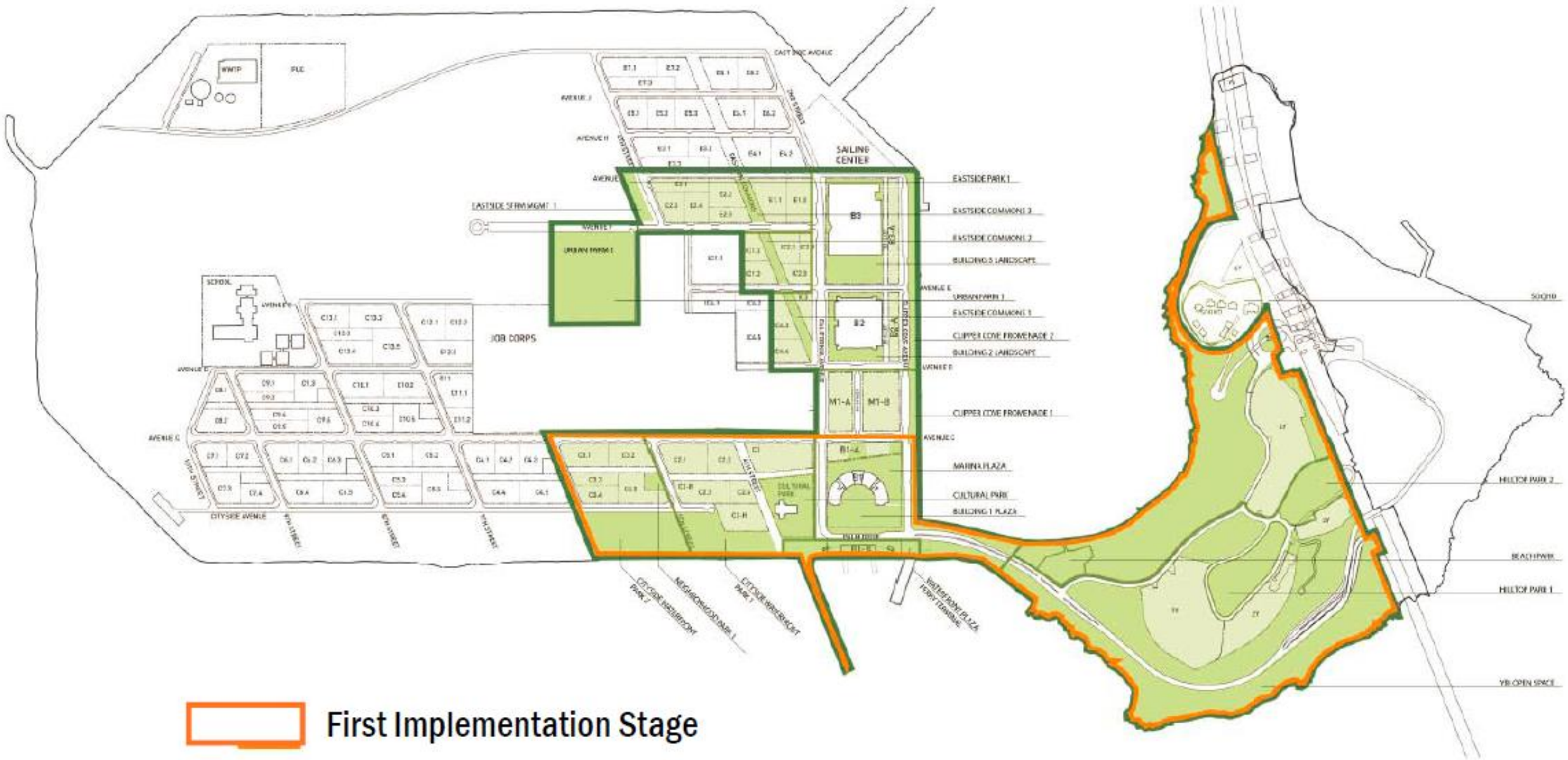



REGIONAL PRIORITY CREDIT 4 / 4 POINTS

CREDIT 1	Regional Priority	●●●●
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40-49 POINTS: CERTIFIED 50-59 POINTS: SILVER 60-79 POINTS: GOLD 80+ POINTS: PLATINUM

THE NEXT FEW YEARS ON TREASURE ISLAND



 First Implementation Stage


DEMOLITION & UTILITY RELOCATION





GREAT WHITES

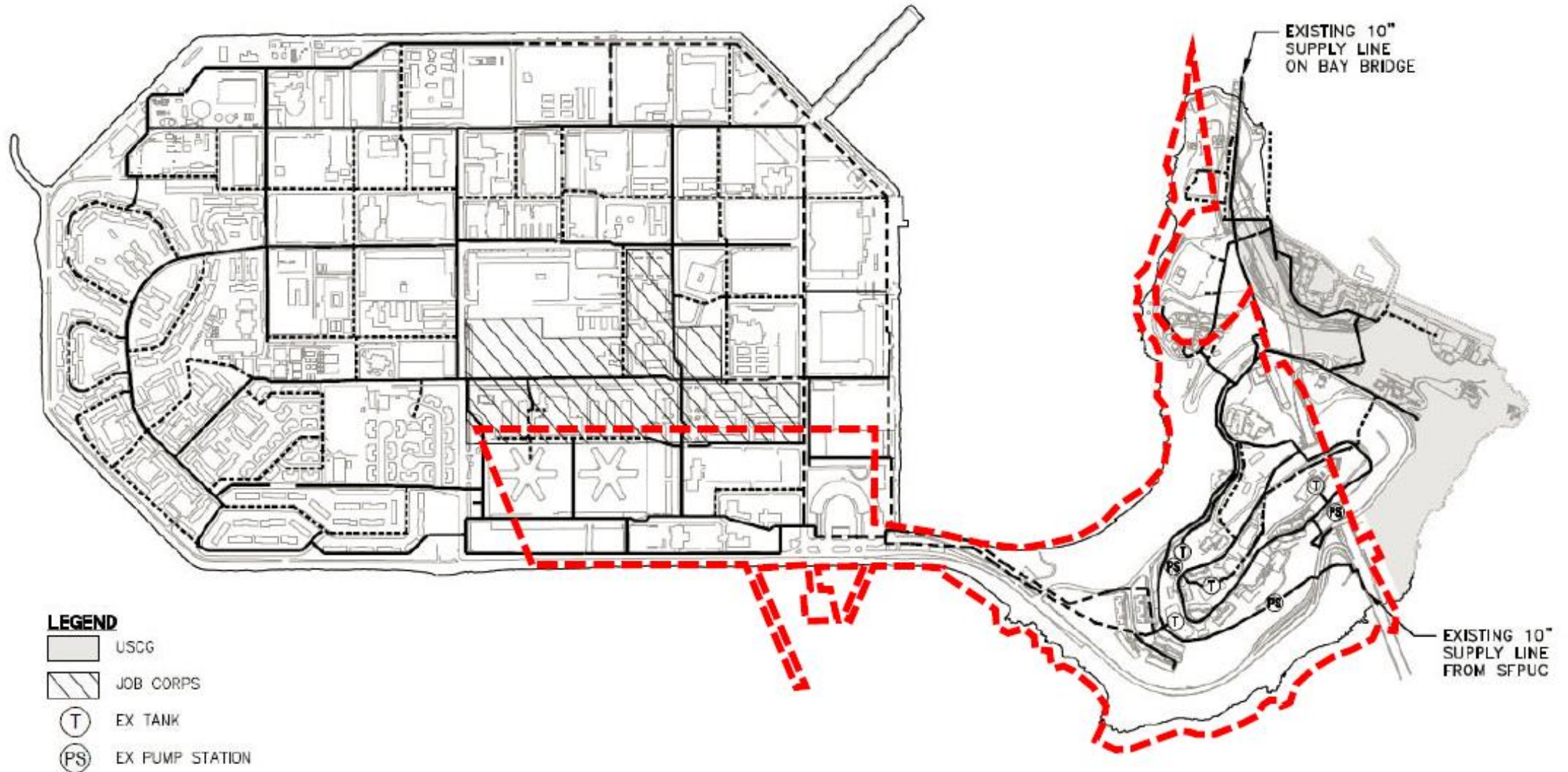
JOB CORPS

 First Implementation Stage

 historic buildings to remain

 existing buildings to remain

 existing area to remain



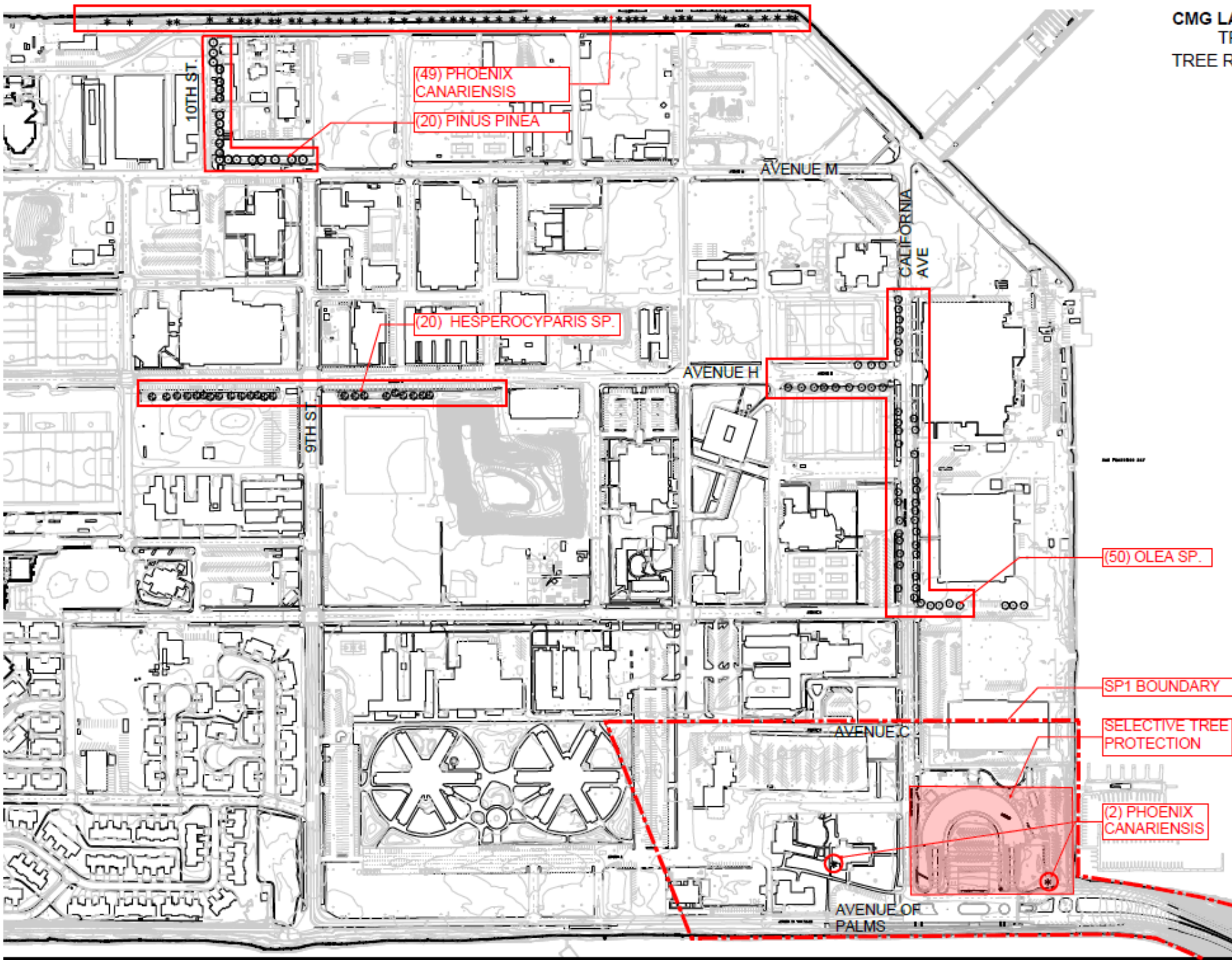
LEGEND

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- PS EX PUMP STATION
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- EX 18" OR GREATER WATER LINE

EXISTING 10"
SUPPLY LINE
ON BAY BRIDGE

EXISTING 10"
SUPPLY LINE
FROM SFPUC

First Implementation Stage







(50) OLEA SP.

SP1 BOUNDARY

SELECTIVE TREE PROTECTION

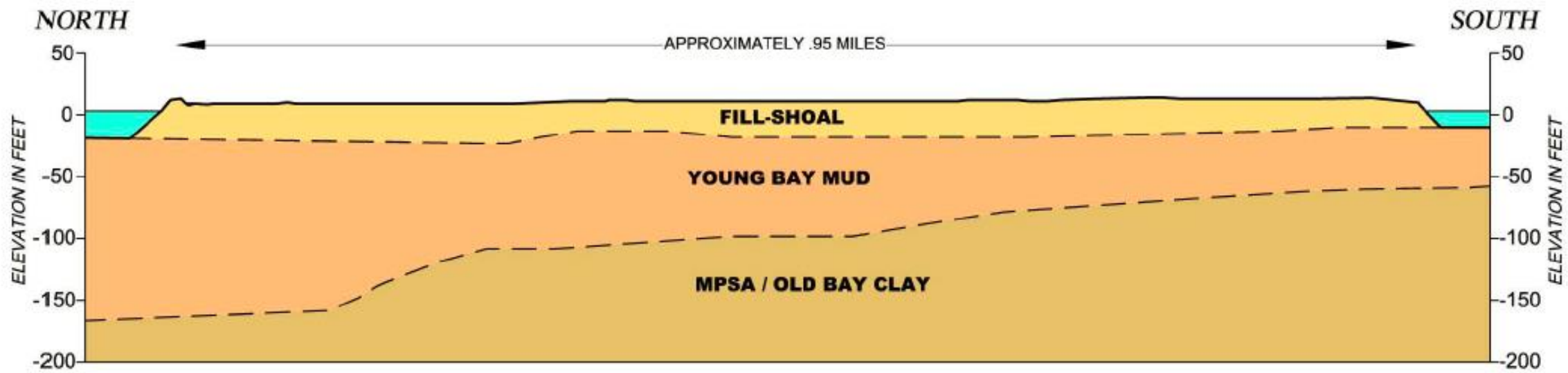
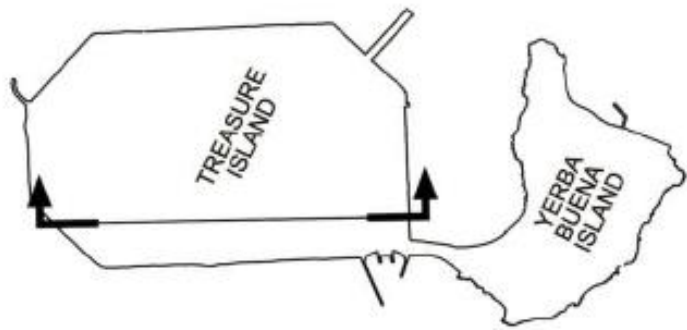
(2) PHOENIX CANARIENSIS

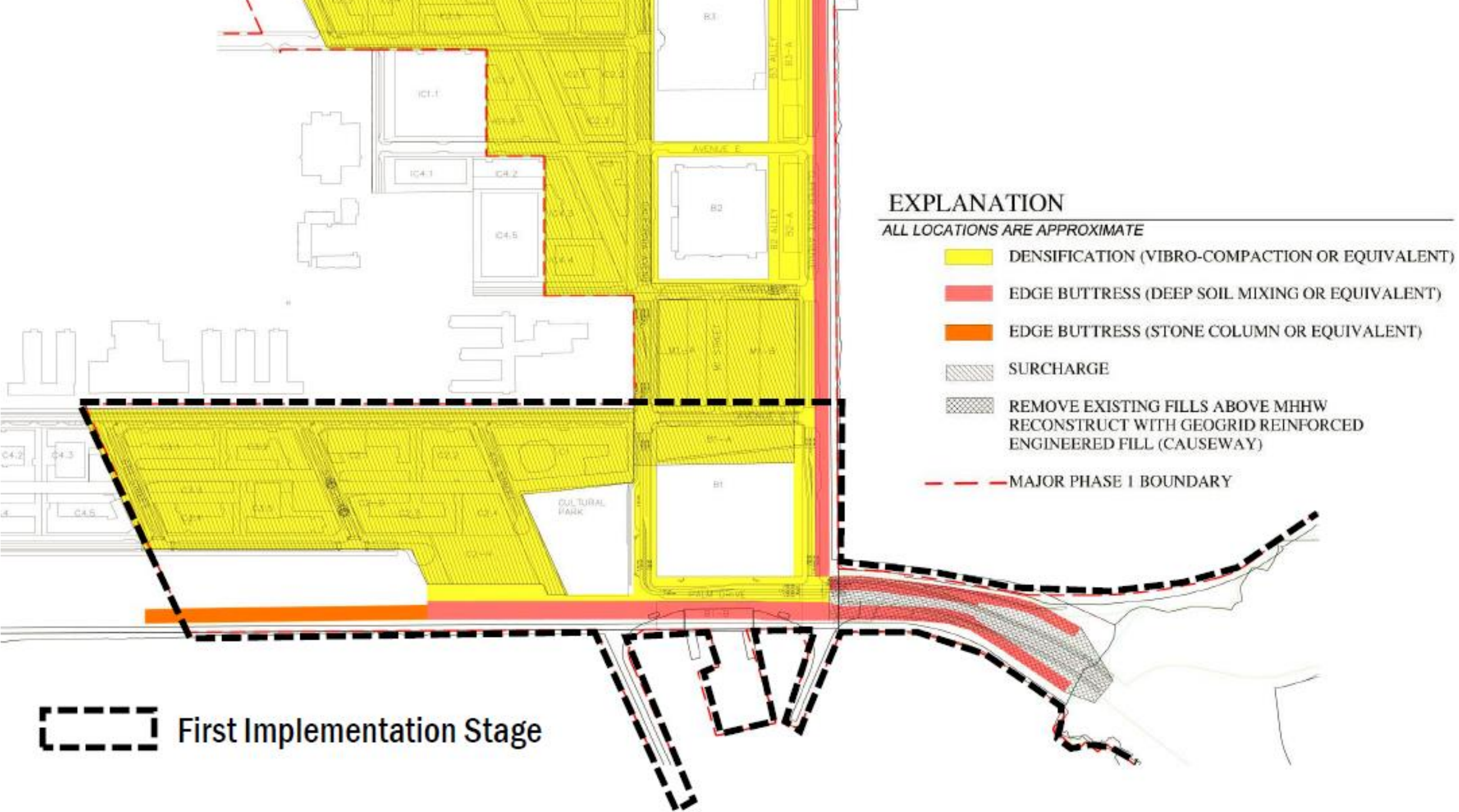
SELECT TREE SPECIES-TI

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-  OLEA SP.
-  PHOENIX CANARIENSIS
-  PINUS PINEA

GEO TECHNICAL IMPROVEMENTS





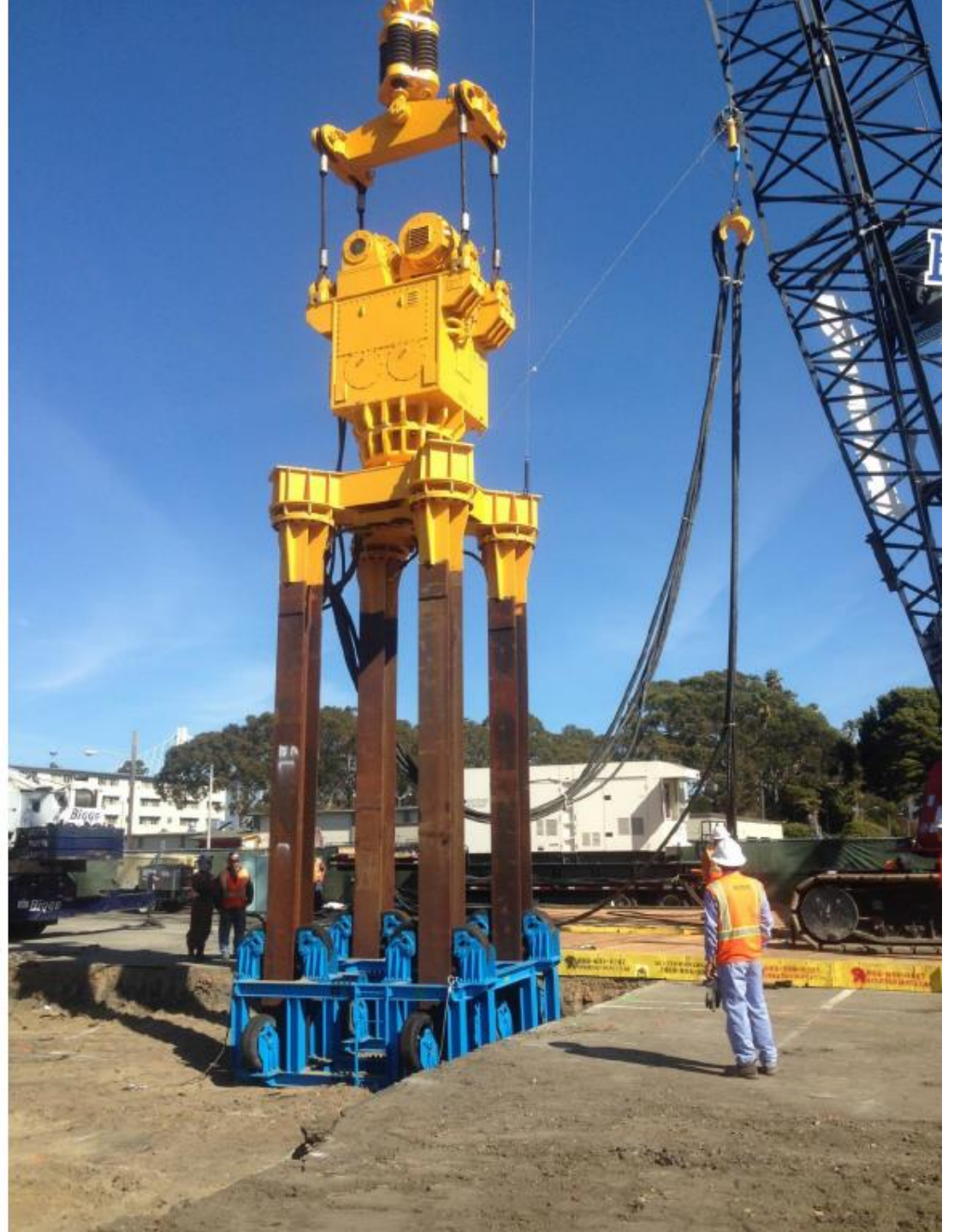


EXPLANATION

ALL LOCATIONS ARE APPROXIMATE

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RECONSTRUCT WITH GEOGRID REINFORCED
ENGINEERED FILL (CAUSEWAY)
- MAJOR PHASE I BOUNDARY

 First Implementation Stage



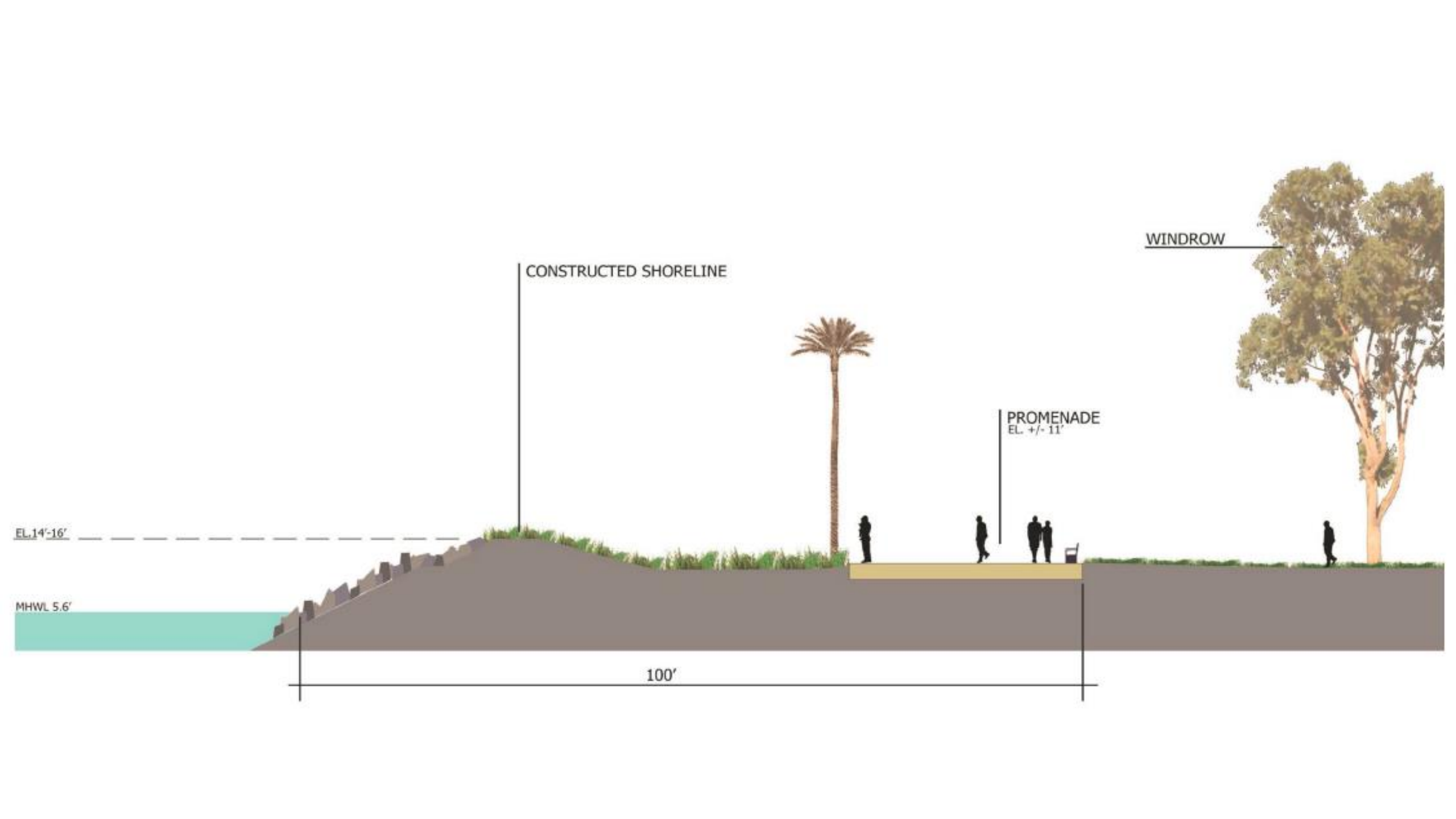






WATERFRONT IMPROVEMENTS





WINDROW

CONSTRUCTED SHORELINE

PROMENADE
EL +/- 11'

EL. 14'-16'

MHWL 5.6'

100'

Sea Level Rise

Planning and Design Approach

TIME

Build High and Monitor

SPACE

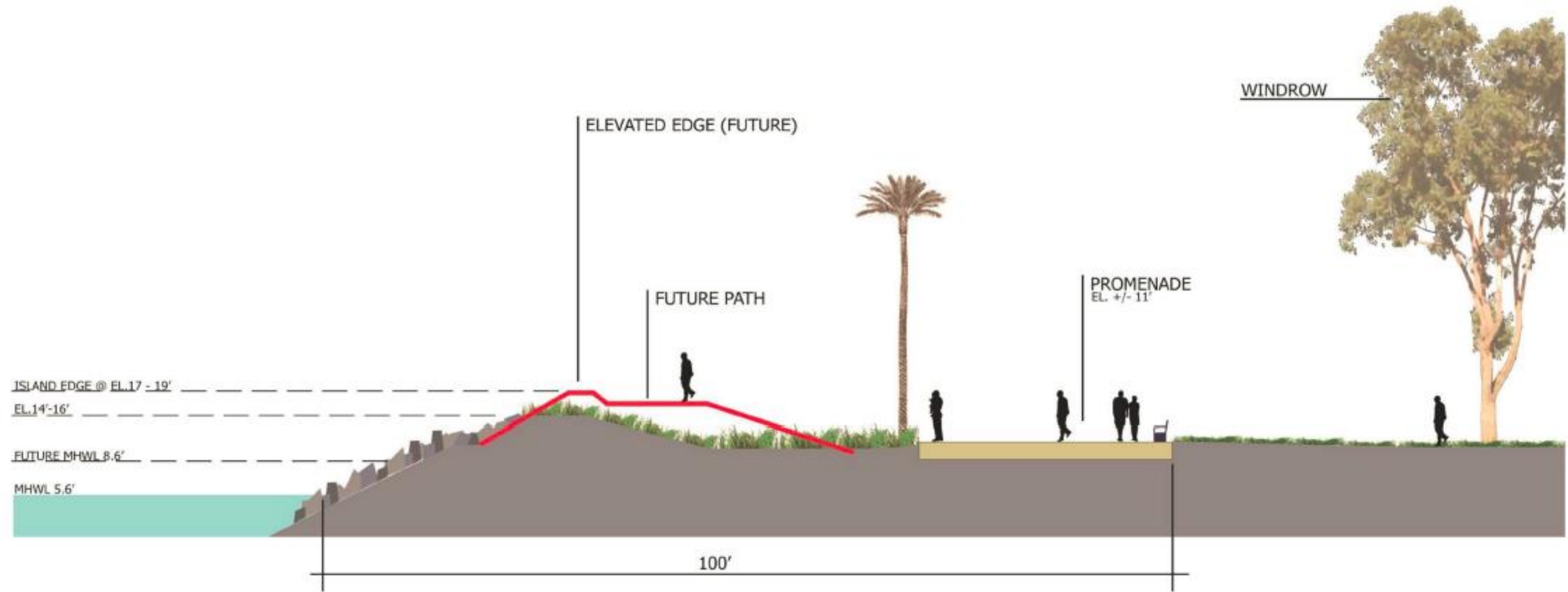
Ample setbacks and open Spaces

FUNDING

Project Generated

=

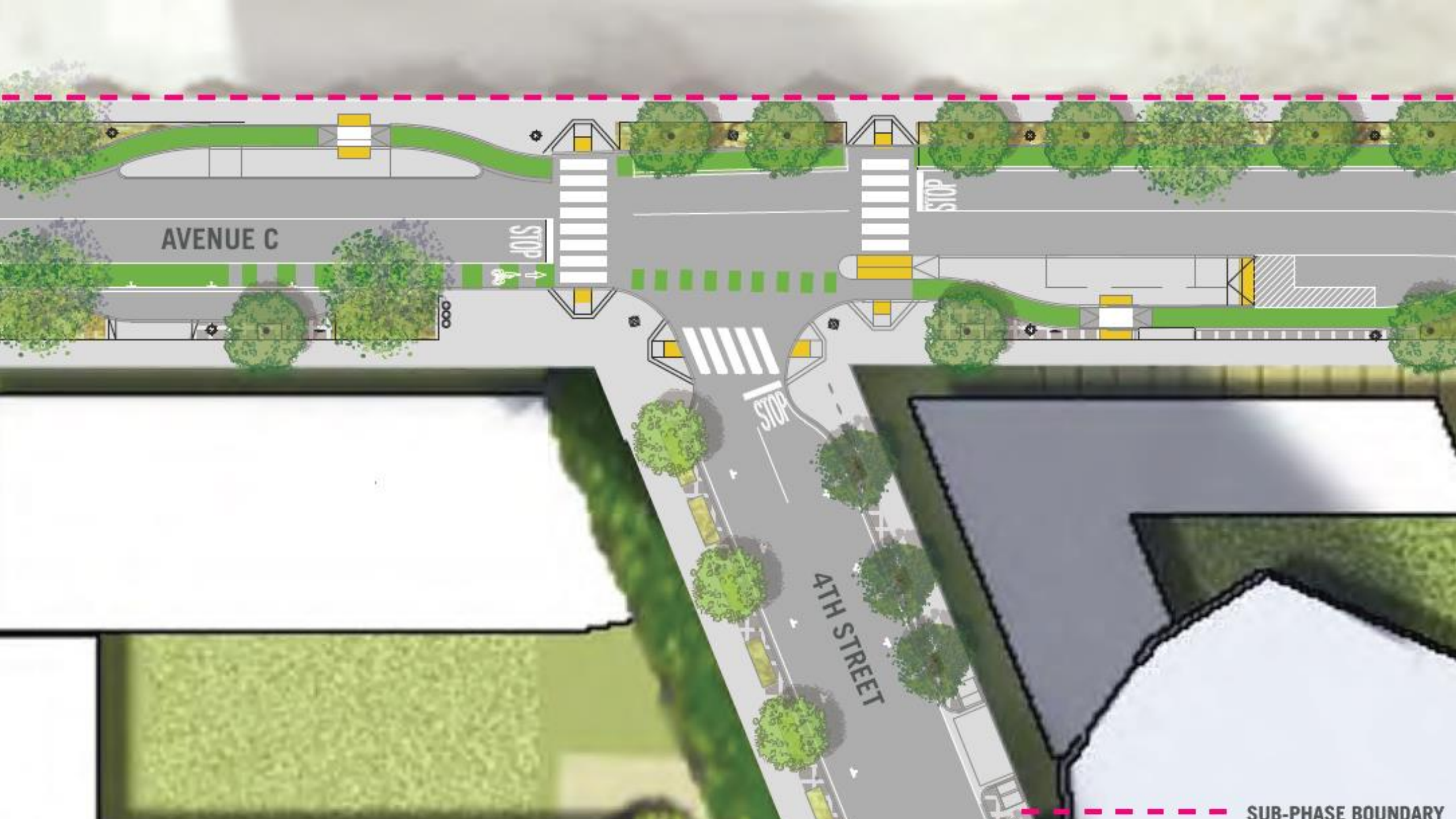
PLENTY OF OPTIONS





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- 5. SHELTER
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UTILITIES & STREETS



AVENUE C

STOP

STOP

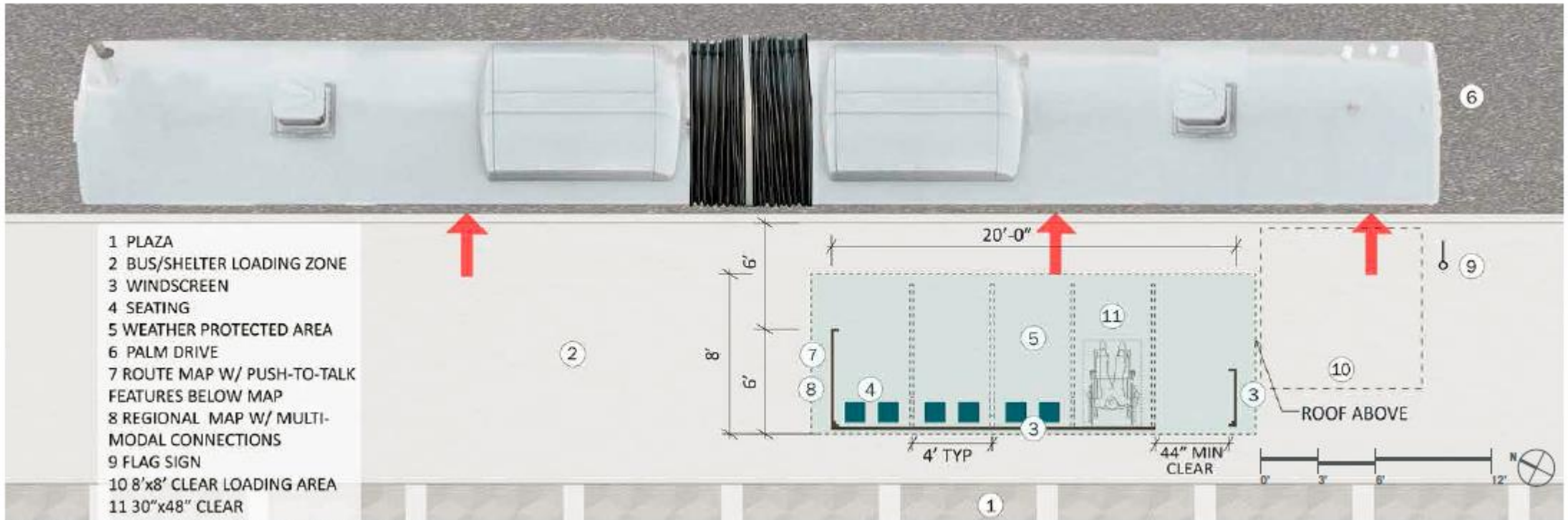
STOP

4TH STREET

SUB-PHASE BOUNDARY



WATERFRONT PLAZA BUS & SHUTTLE SHELTER EAST ELEVATION



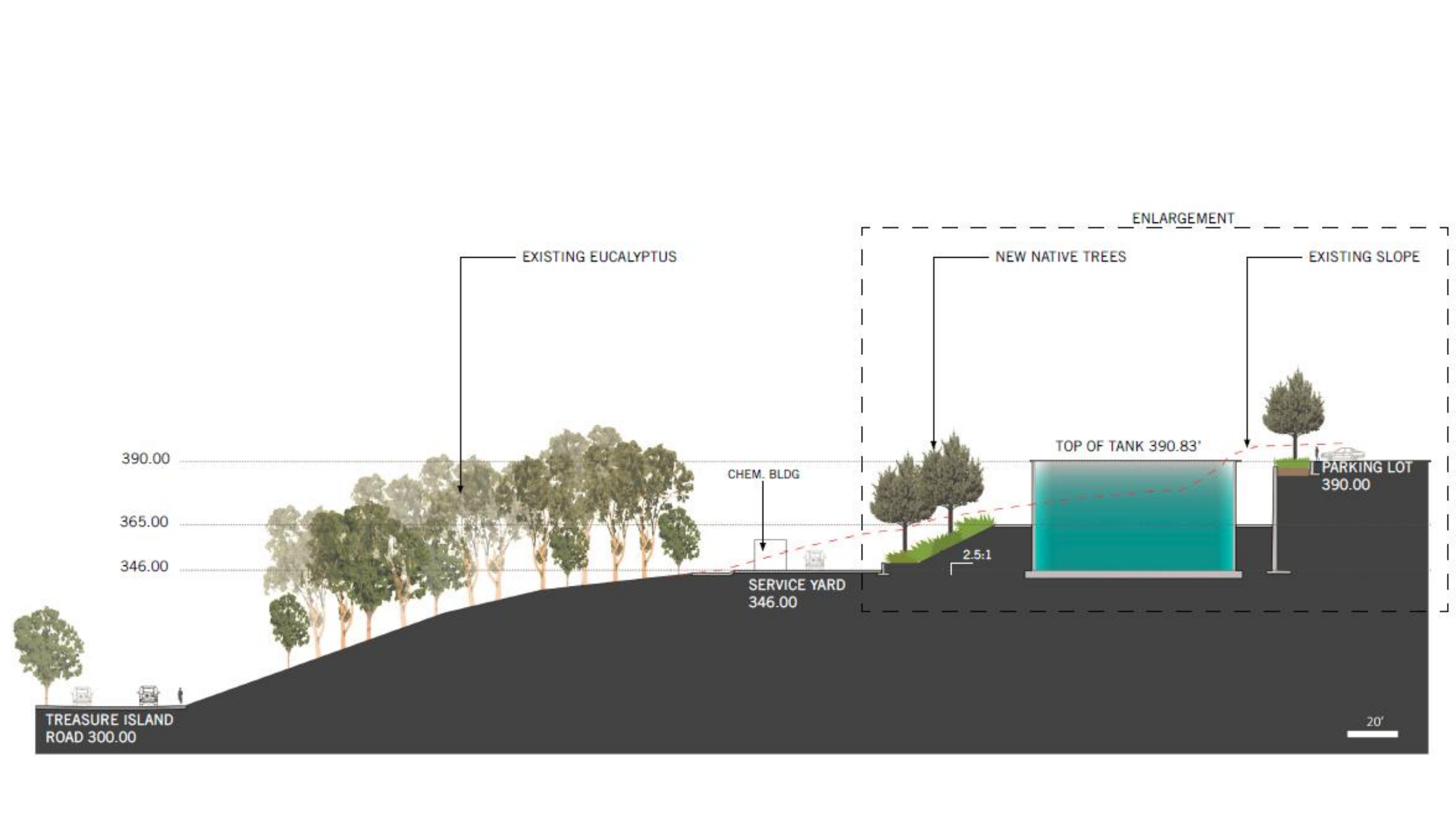
WATERFRONT PLAZA BUS & SHUTTLE SHELTER PLAN

**YERBA BUENA ISLAND
WATER TANKS
VISUAL IMPACT STUDY
Phase 1 and 2
SF Arts Commission
Civic Design Review
09.28.2015**



WATER TANKS





EXISTING EUCALYPTUS

ENLARGEMENT

NEW NATIVE TREES

EXISTING SLOPE

390.00

365.00

346.00

CHEM. BLDG

SERVICE YARD
346.00

2.5:1

TOP OF TANK 390.83'

PARKING LOT
390.00

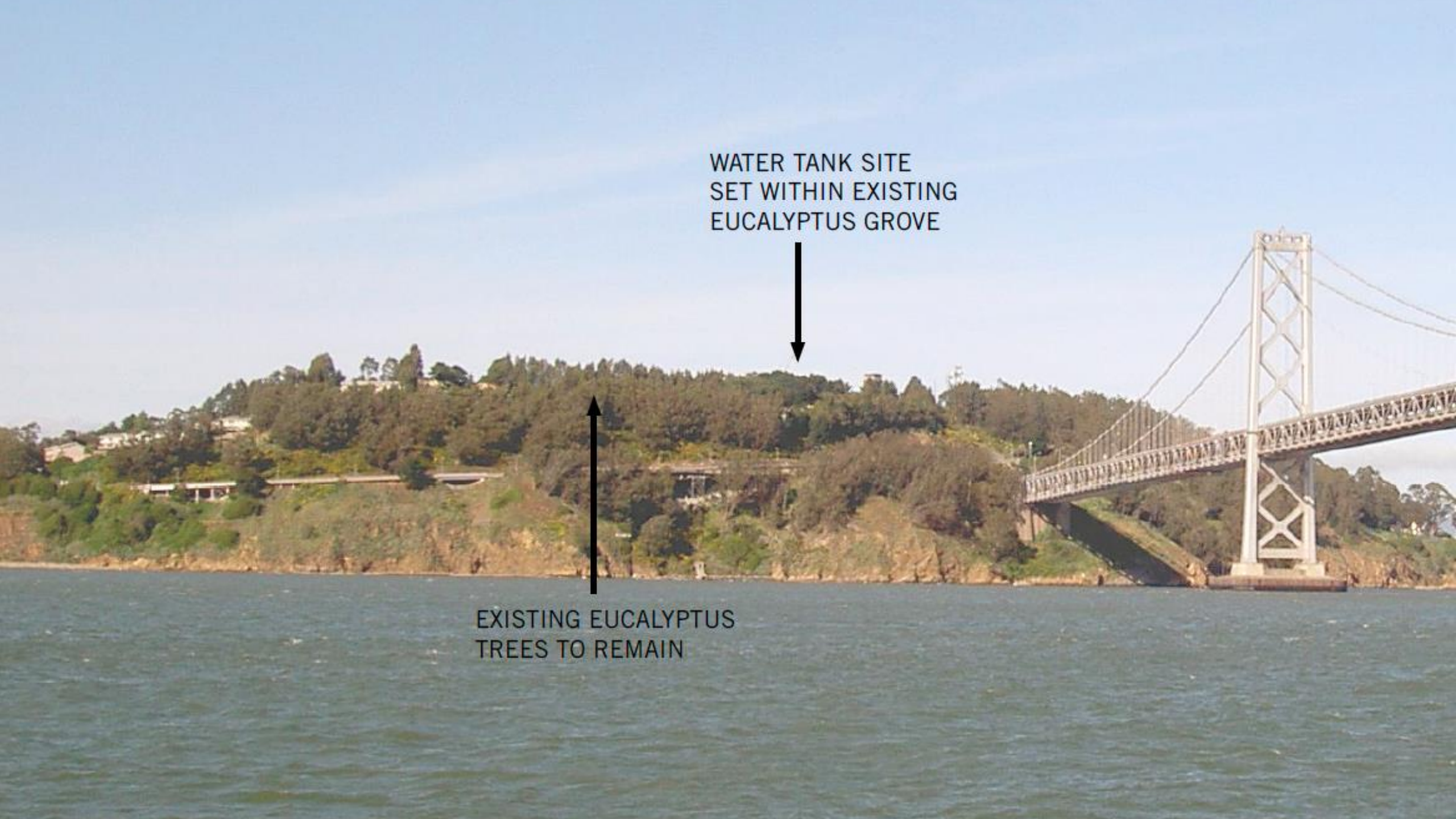
TREASURE ISLAND
ROAD 300.00

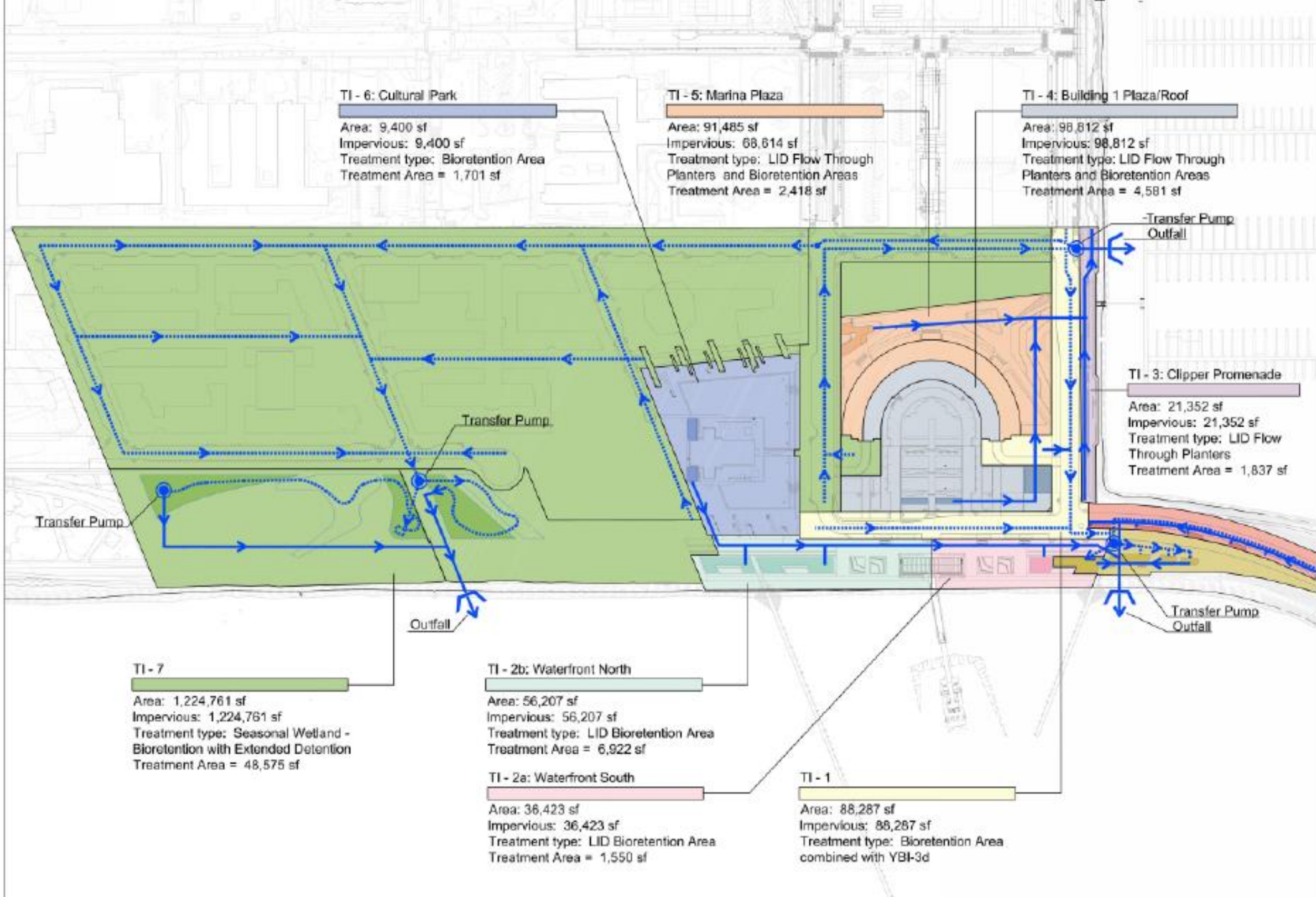
20'

WATER TANK SITE
SET WITHIN EXISTING
EUCALYPTUS GROVE



EXISTING EUCALYPTUS
TREES TO REMAIN





PRIMARY TREATMENT AREA

SECONDARY TREATMENT AREA

BTA - 1

BTA - 2 - 3

BTA - 4

SEWER MAIN

TREATMENT CHANNEL

FOREBAY - BUFFER



DUNE SWALE AND UPLAND
CRISSY FIELD



RIPARIAN
TENNESSEE HOLLOW STREAM RESTORATION

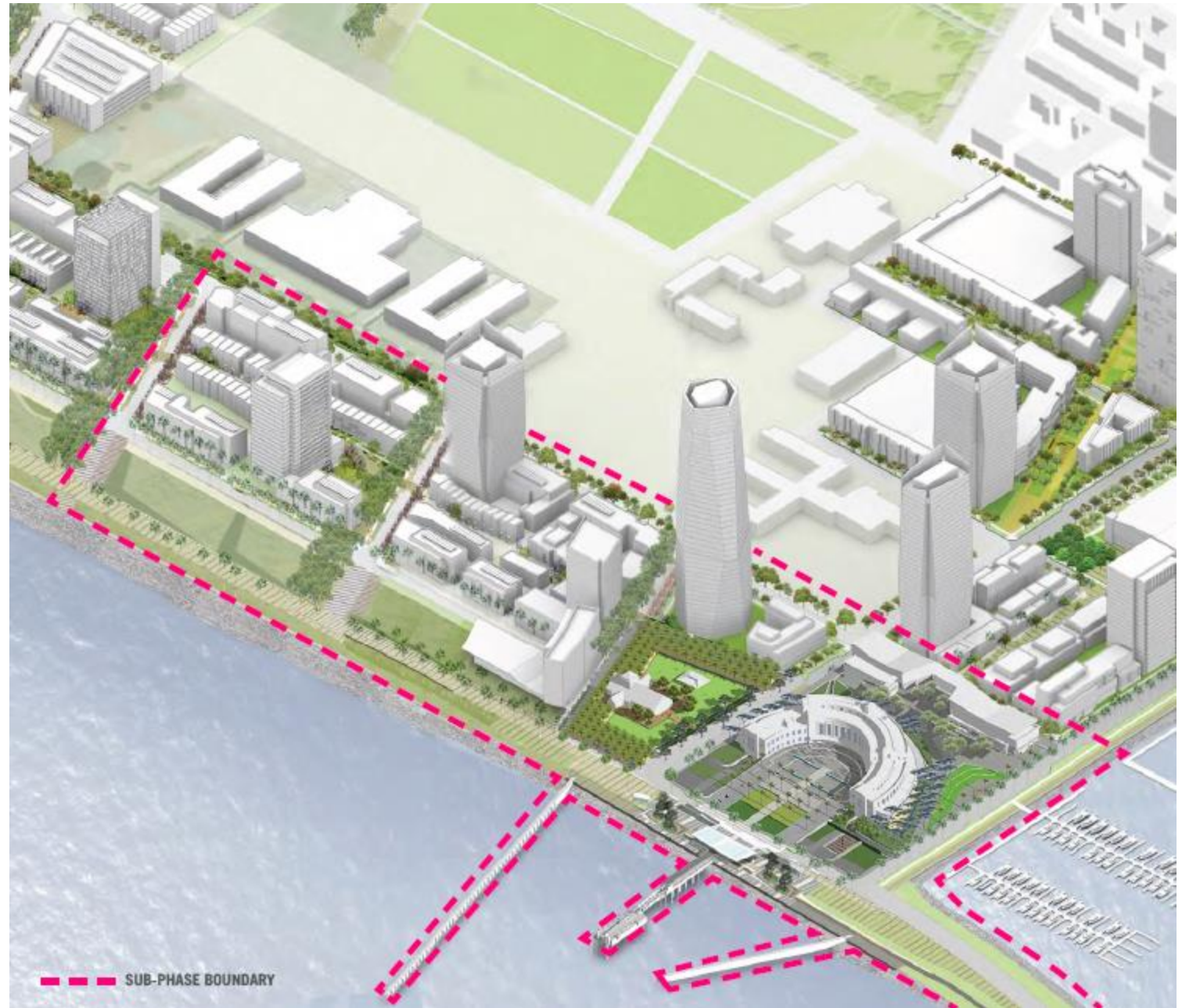


INTERMITTENT STREAM
GRAVEL AND VEGETATED CHANNEL



VERTICAL DEVELOPMENT

~ 1850 HOMES
~ 100,000sf
COMMERCIAL
~ 300 HOTEL ROOMS



~ 300 HOMES

~ 50 HOTEL ROOMS



TI/YBI CREDIT CHECKLIST

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CREDIT 5	Housing and Jobs Proximity	○●○
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CREDIT 8	Restoration of Habitat/Wetlands and Water Bodies	●
CREDIT 9	Long-Term Cnsvrtn. Mgmt. of Habitat/Wetlands & Water Bodies	●



NEIGHBORHOOD PATTERN & DESIGN 31 / 41 POINTS

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CREDIT 14	Tree-Lined and Shaded Streets	●●●●
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CREDIT 9	Heat Island Reduction	●
CREDIT 10	Solar Orientation	○
CREDIT 11	On-Site Renewable Energy Sources	○●○●
CREDIT 12	District Heating and Cooling	○●
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CREDIT 15	Recycled Content in Infrastructure	●
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CREDIT 17	Light Pollution Reduction	●



INNOVATION & DESIGN PROCESS 2 / 6 POINTS

CREDIT 1	Innovation and Exemplary Performance	○●○●●●
CREDIT 2	LEED Accredited Professional	●



REGIONAL PRIORITY CREDIT 4 / 4 POINTS

CREDIT 1	Regional Priority	●●●●
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40-49 POINTS: CERTIFIED 50-59 POINTS: SILVER 60-79 POINTS: GOLD 80+ POINTS: PLATINUM

