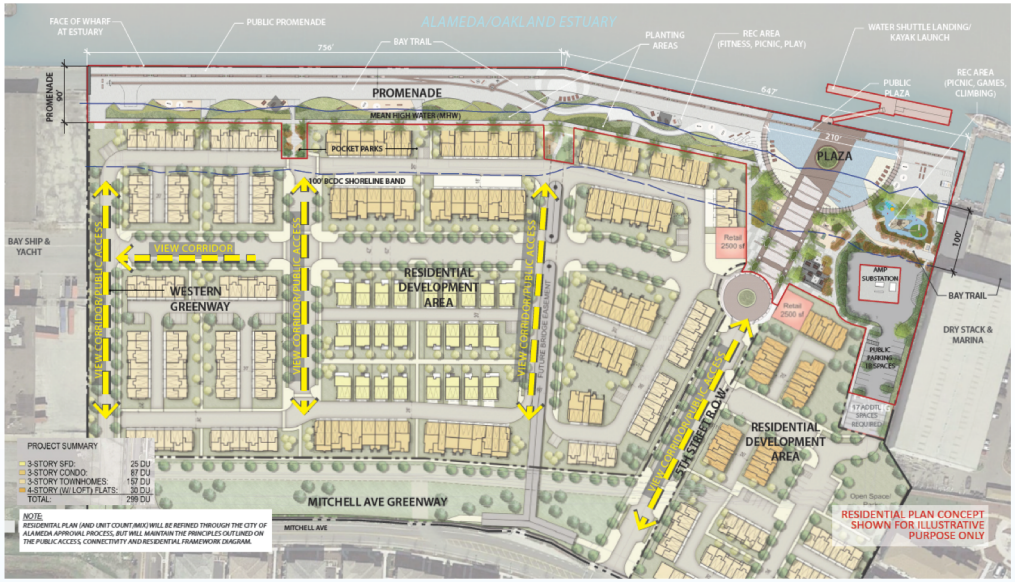


Alameda Landing Waterfront Project
BCDC Permit Application No. 2018.004.00

Applicants: Catellus Alameda Development, LLC and the Successor Agency to the Community Improvement Commission of the City of Alameda

February 21, 2019

Project Location

Views

Broadway

Existing Conditions

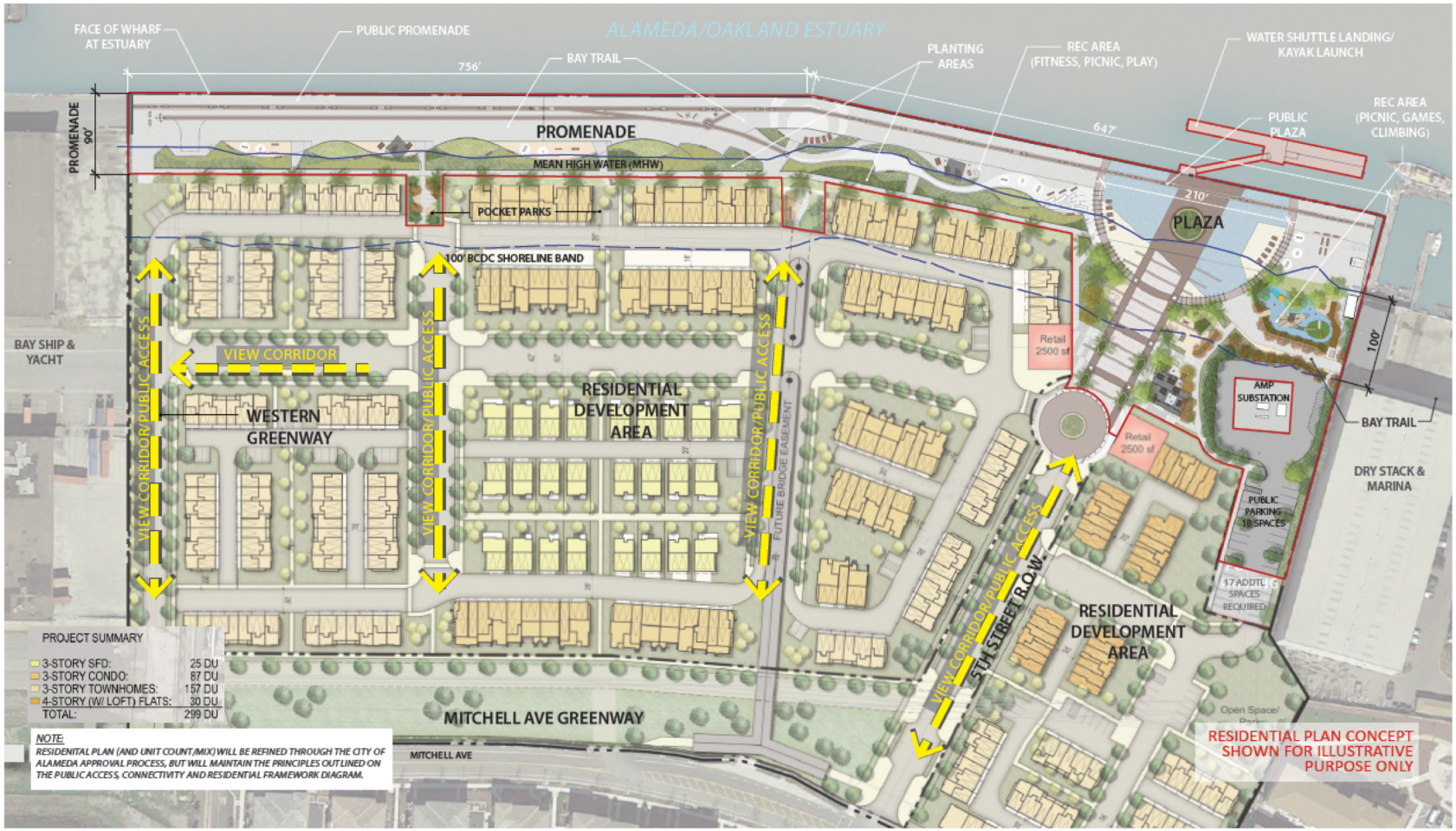
Bay Fill

Proposed New Bay Fill

- **4,594 Square Feet** Floating and Cantilevered Fill (Dock System)
- **72 Cubic Yards** Solid Bay Fill (Pile Repairs)

Site Plan

Public Access: 5.43 acres (3.84 acres in Commission Jurisdiction)



CATELLUS

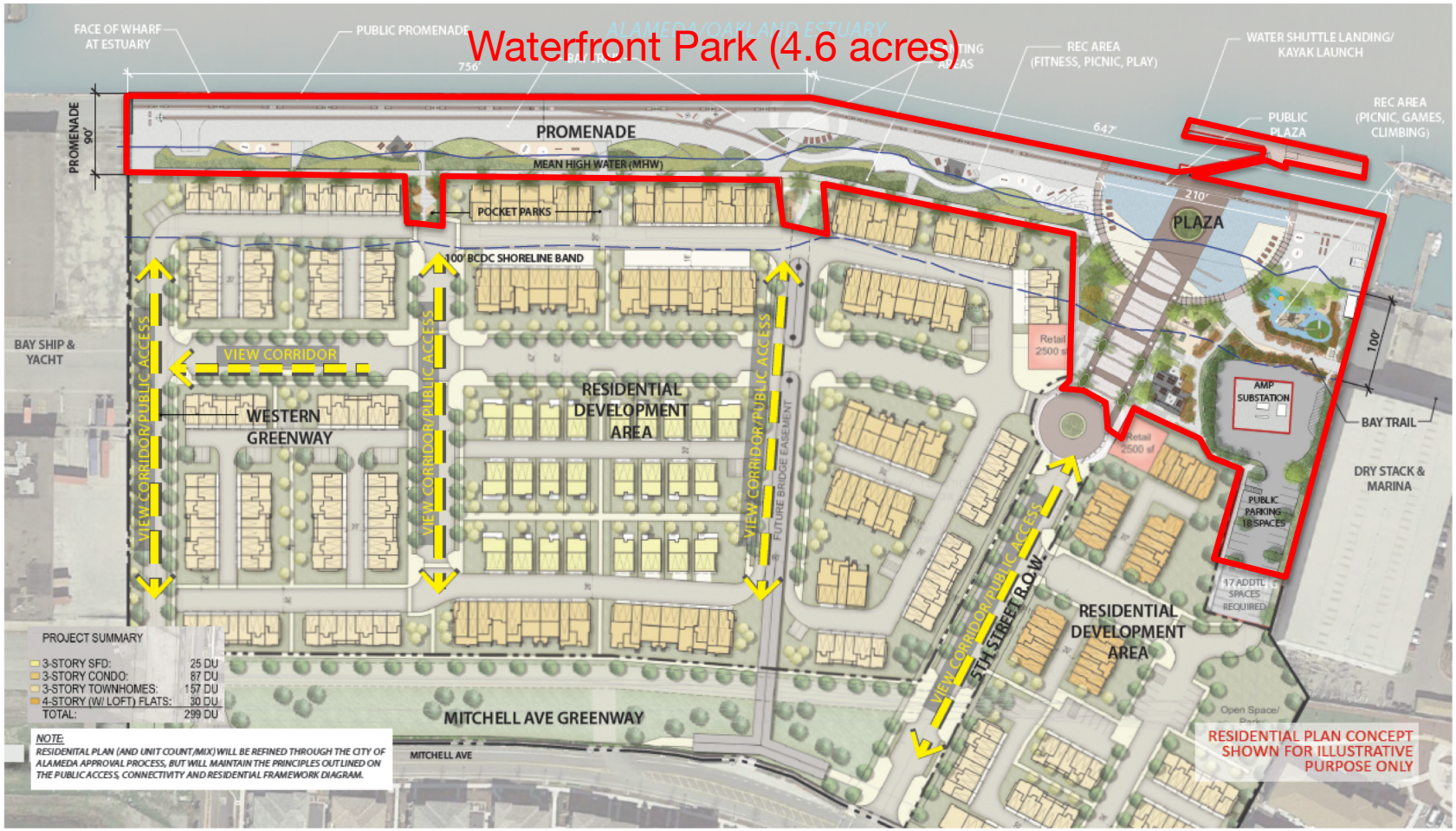
WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

Alameda Landing Waterfront · BCDC DRB

October 15, 2018

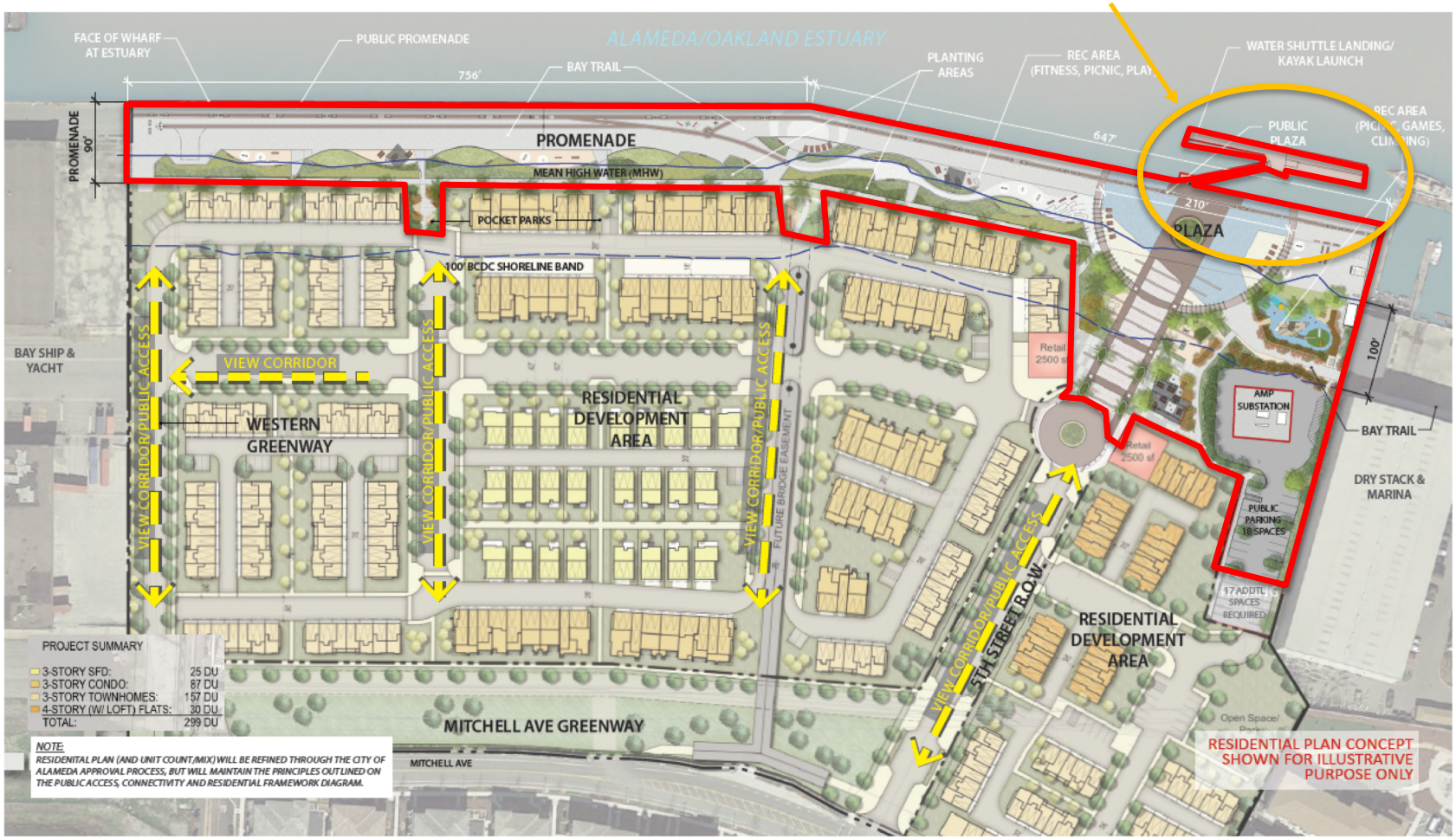
0' 50' 100'

Public Access



Public Access

Public Dock, Kayak Launch,
Water Shuttle Launch



CATELLUS

WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

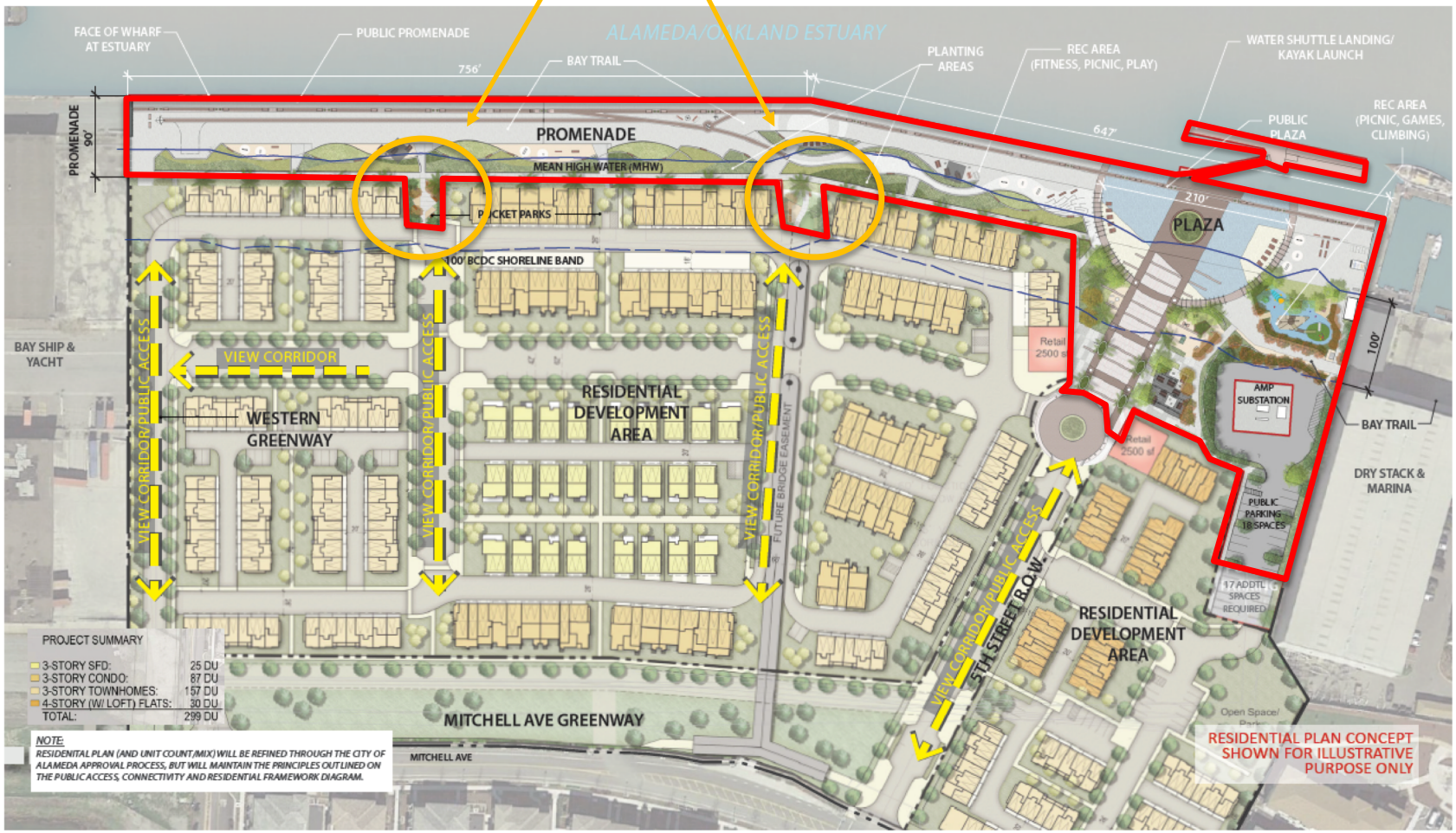
Alameda Landing Waterfront · BCDC DRB

October 15, 2018

0' 50' 100'

Public Access

Pocket Parks



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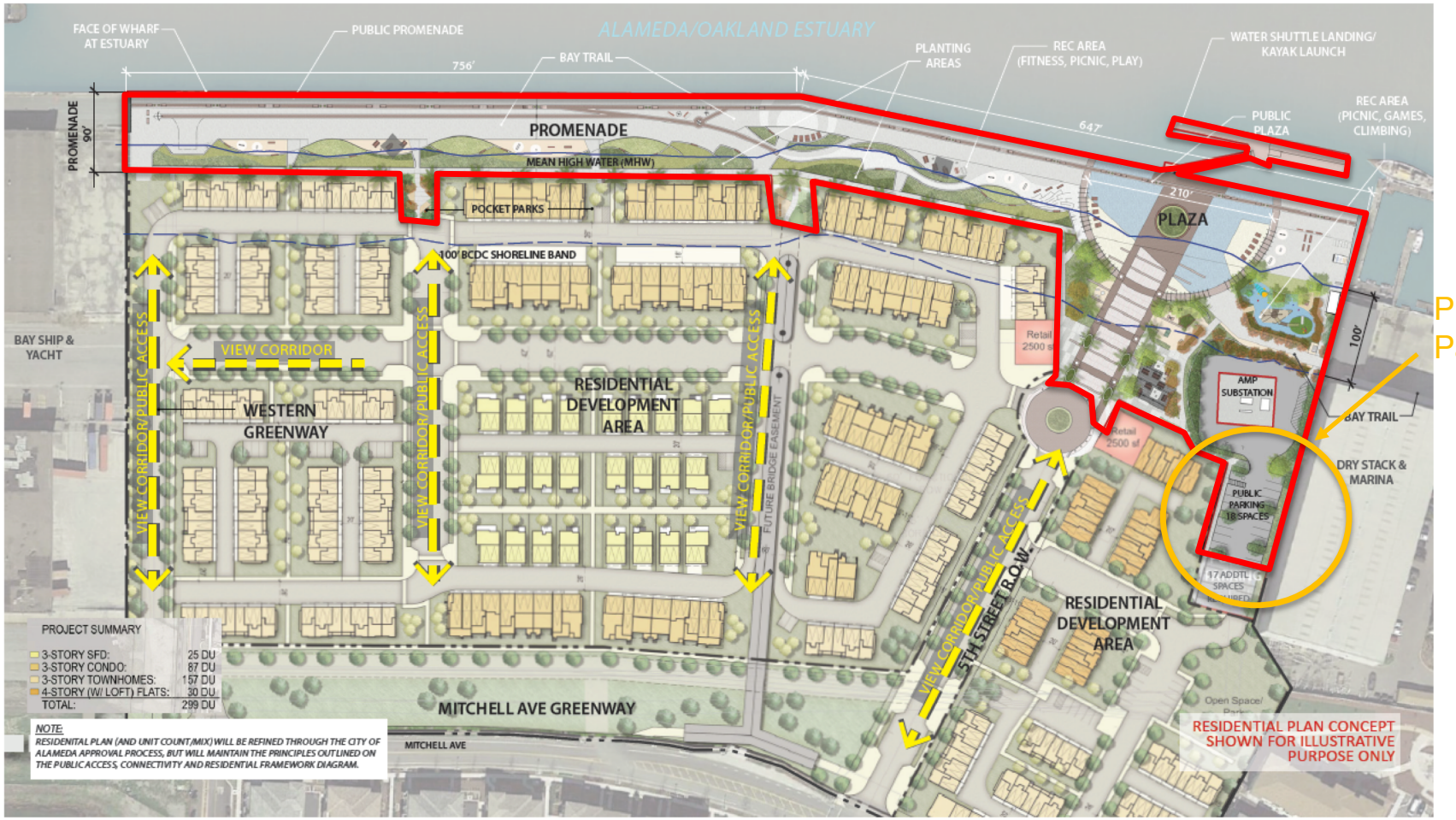


Public Parking

CATELLUS

WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

Alameda Landing Waterfront · BCDC DRB

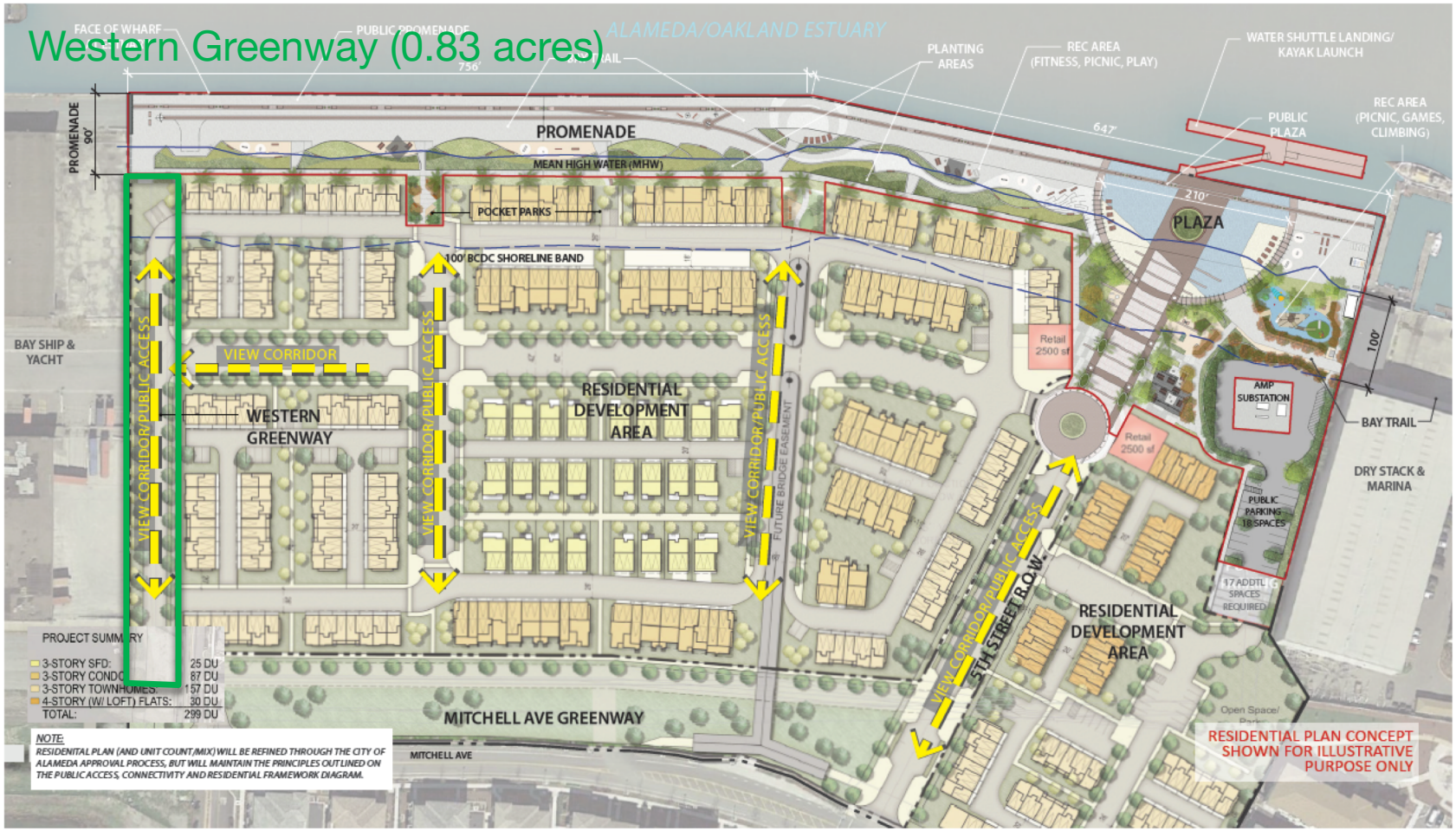
October 15, 2018

0' 50' 100'

BKF 100 YEARS

KAYVICTOR

Public Access



CATELLUS

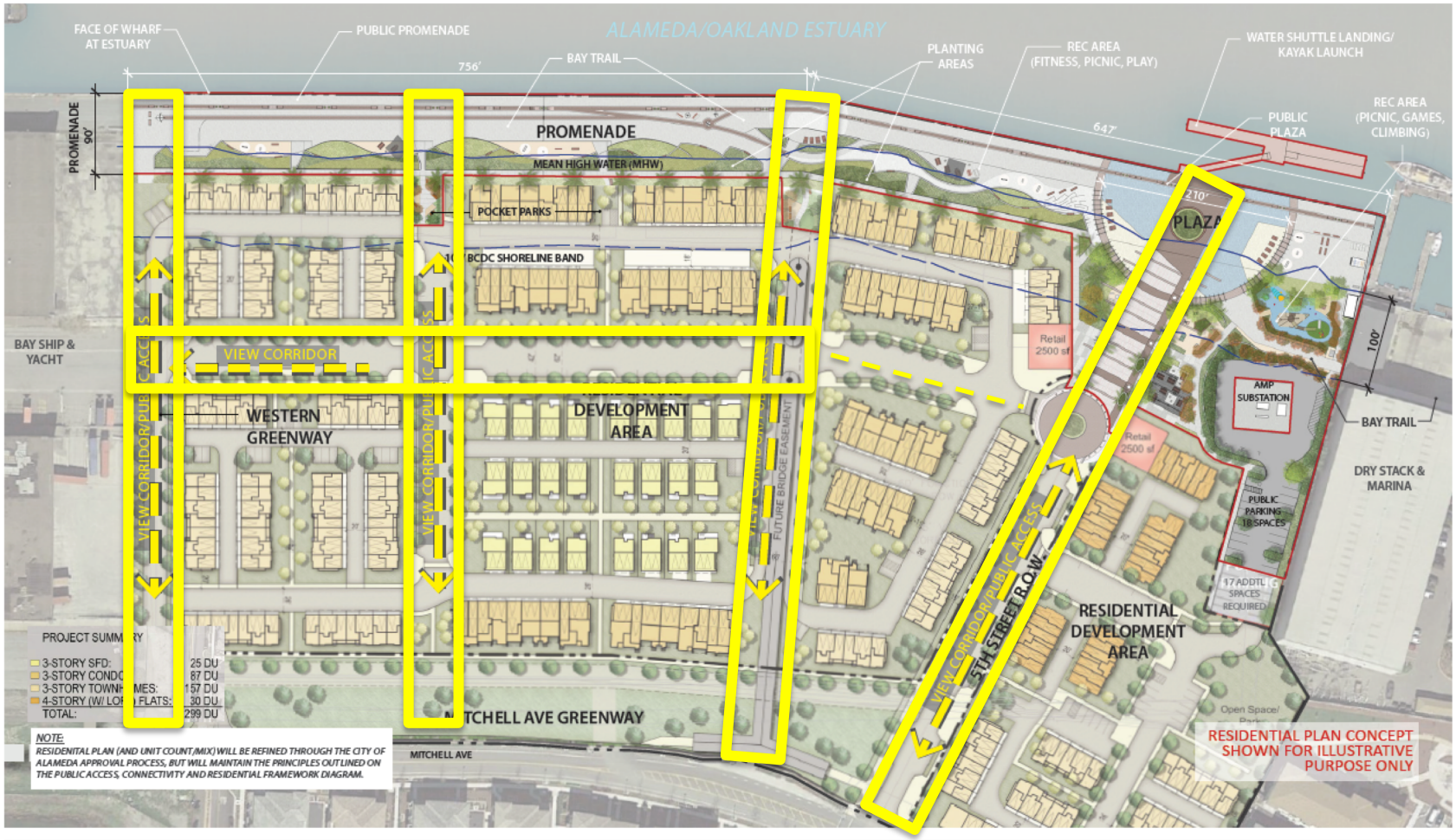
WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

Alameda Landing Waterfront · BCDC DRB

October 15, 2018

0' 50' 100'

View Corridors



CATELLUS

WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

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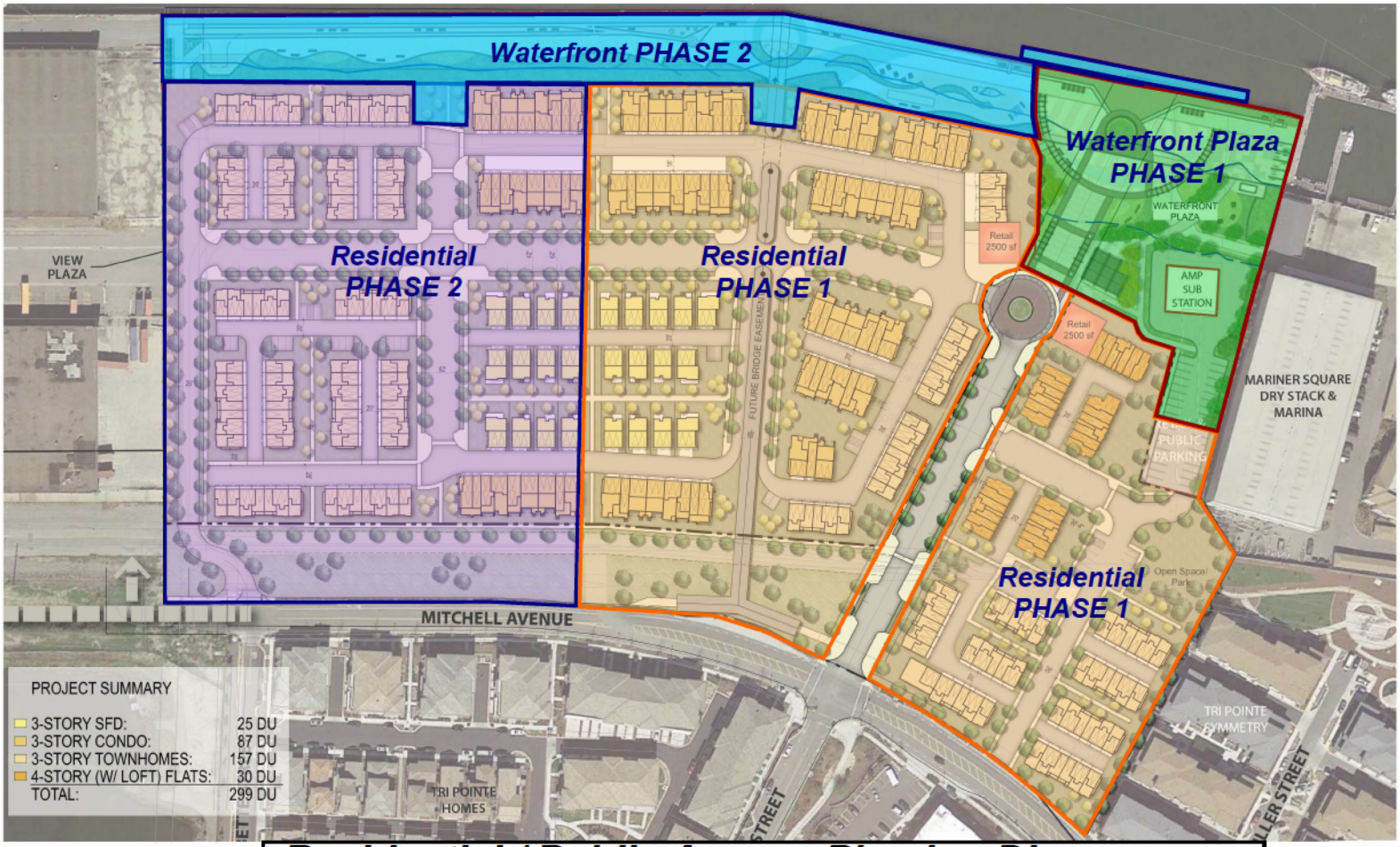
0' 50' 100'

Phasing



Residential / Public Access Phasing Diagram *28 Dec 2018*

ktgy Architecture + Planning 888.456.5849 ktgy.com

PulteGroup

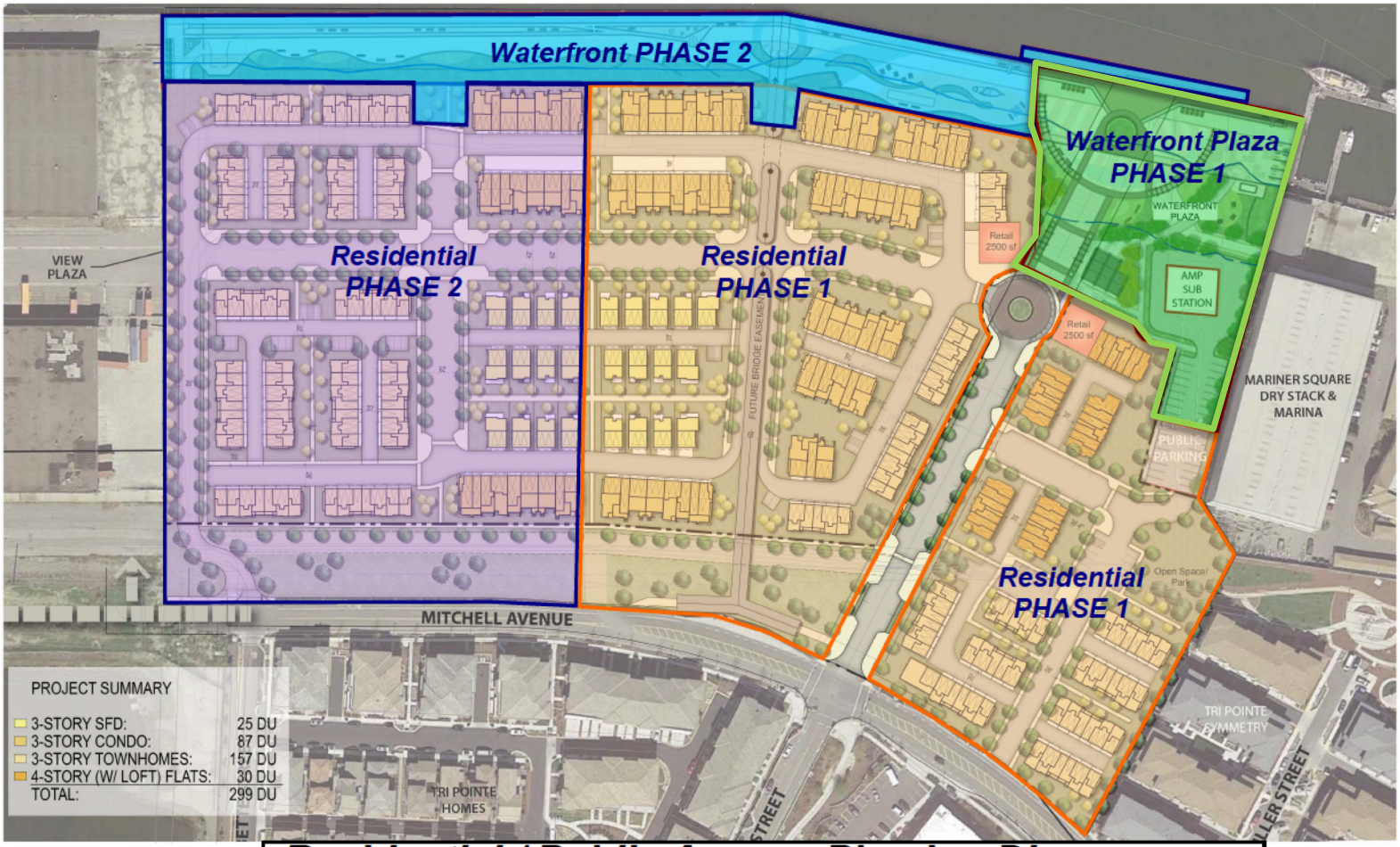
ALAMEDA LANDING WATERFRONT
ALAMEDA, CA # 2018-0805

CONCEPTUAL SITE PLAN 1
(FOR INTERNAL USE ONLY)

SP1.0

Phasing

Phase 1 Waterfront Park Completed Prior to Construction of Phase 2 Residential



Residential / Public Access Phasing Diagram 28 Dec 2018

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PulteGroup

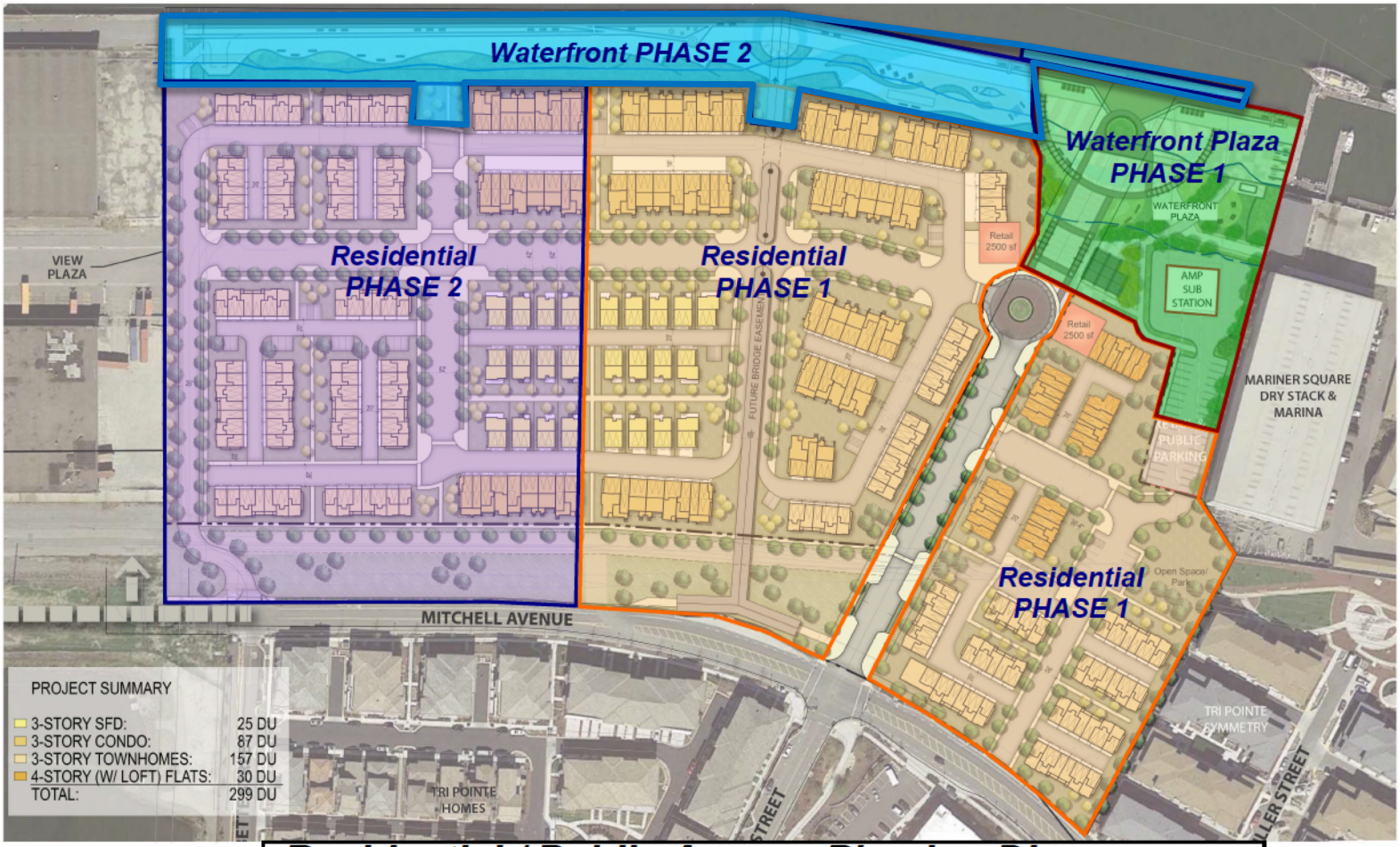
ALAMEDA LANDING WATERFRONT
ALAMEDA, CA # 2018-0805

CONCEPTUAL SITE PLAN 1 (FOR INTERNAL USE ONLY)

SP1.0

Phasing

Phase 2 Waterfront Park Completed Prior to Construction of Last 20% of Units



Residential / Public Access Phasing Diagram 28 Dec 2018

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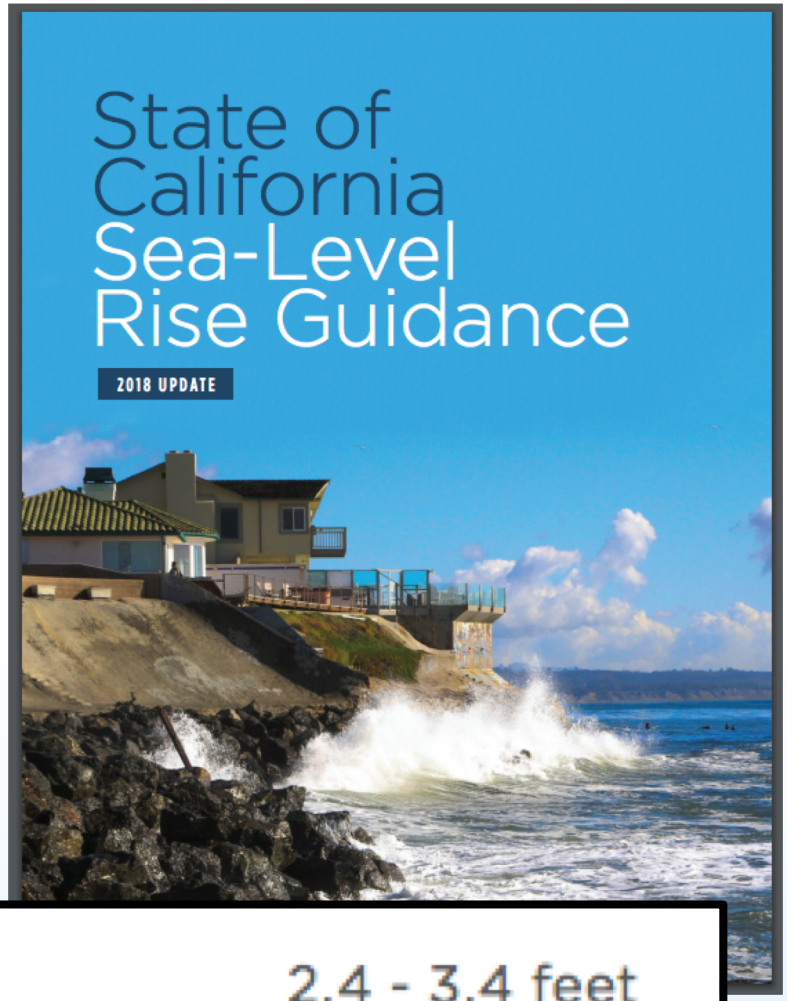
ALAMEDA LANDING WATERFRONT
ALAMEDA, CA # 2018-0805

CONCEPTUAL SITE PLAN 1 (FOR INTERNAL USE ONLY)

SP1.0

Sea Level Rise



2100 Projections:

Low risk aversion projection:	2.4 - 3.4 feet
Medium-high risk aversion projection:	5.7- 6.9 feet
Extreme risk aversion projection:	10.2 feet

Sea Level Rise

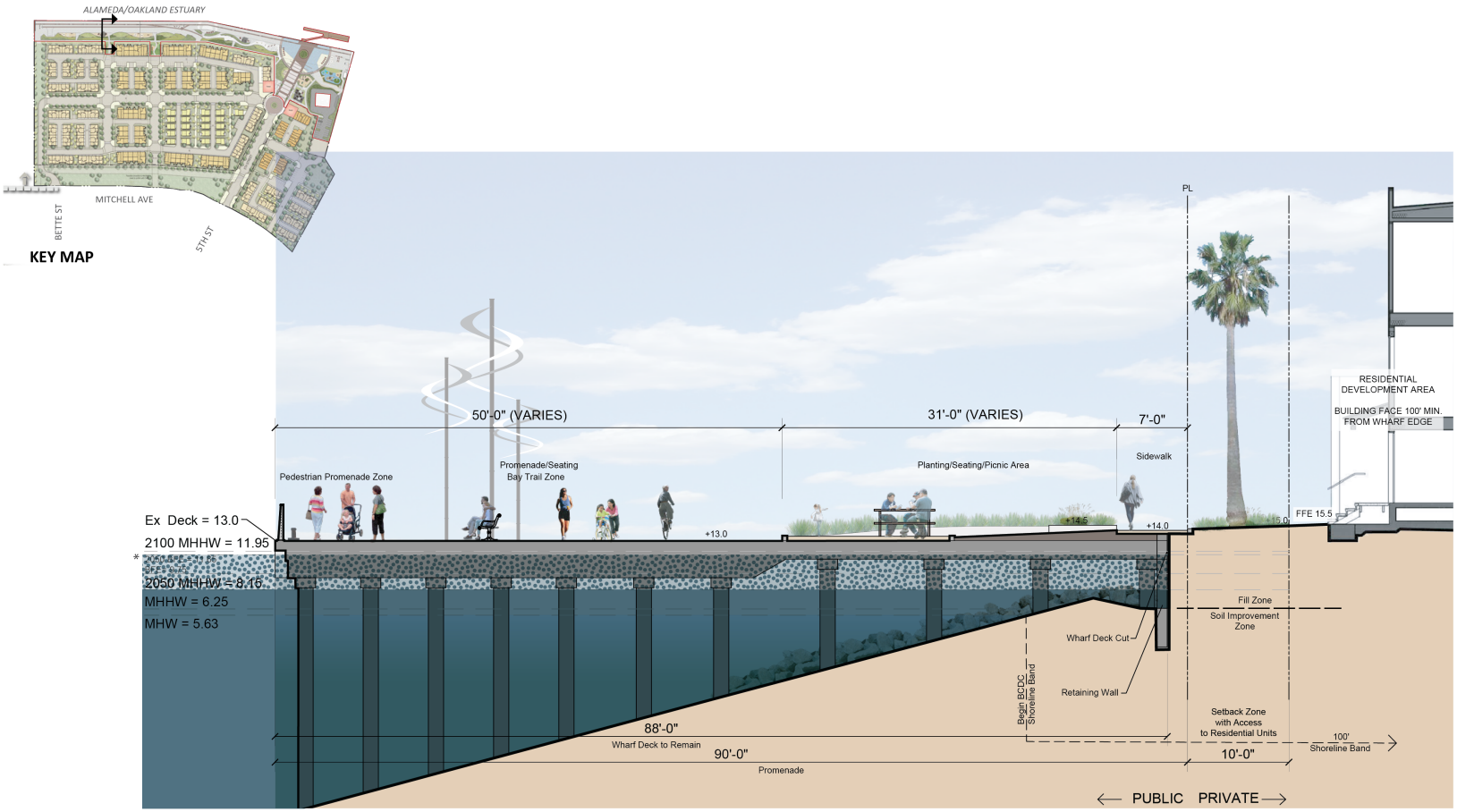
Medium-High Risk Aversion

- Limited ability to relocate public access due to residential development location
- Historic wharf deck not easily adapted

2100 Projections:

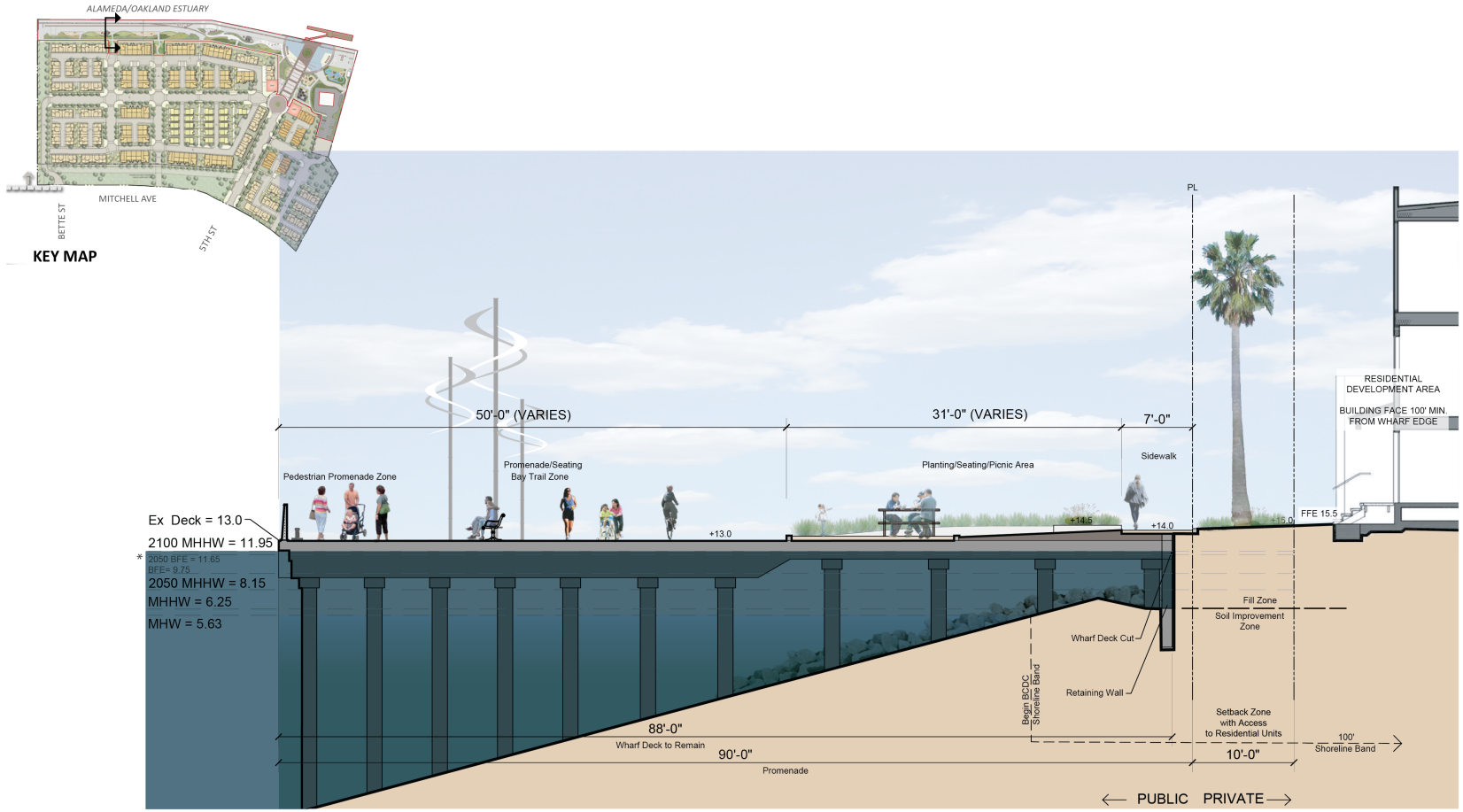
Low risk aversion projection:	2.4 - 3.4 feet
Medium-high risk aversion projection:	5.7- 6.9 feet
Extreme risk aversion projection:	10.2 feet

2050



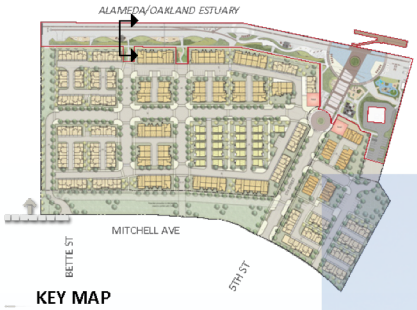
2050 (+1.9FT) Med-High Risk – High Emissions
100 YR FLOOD 1% (BFE) El. 11.65'
MHHW El. 8.15

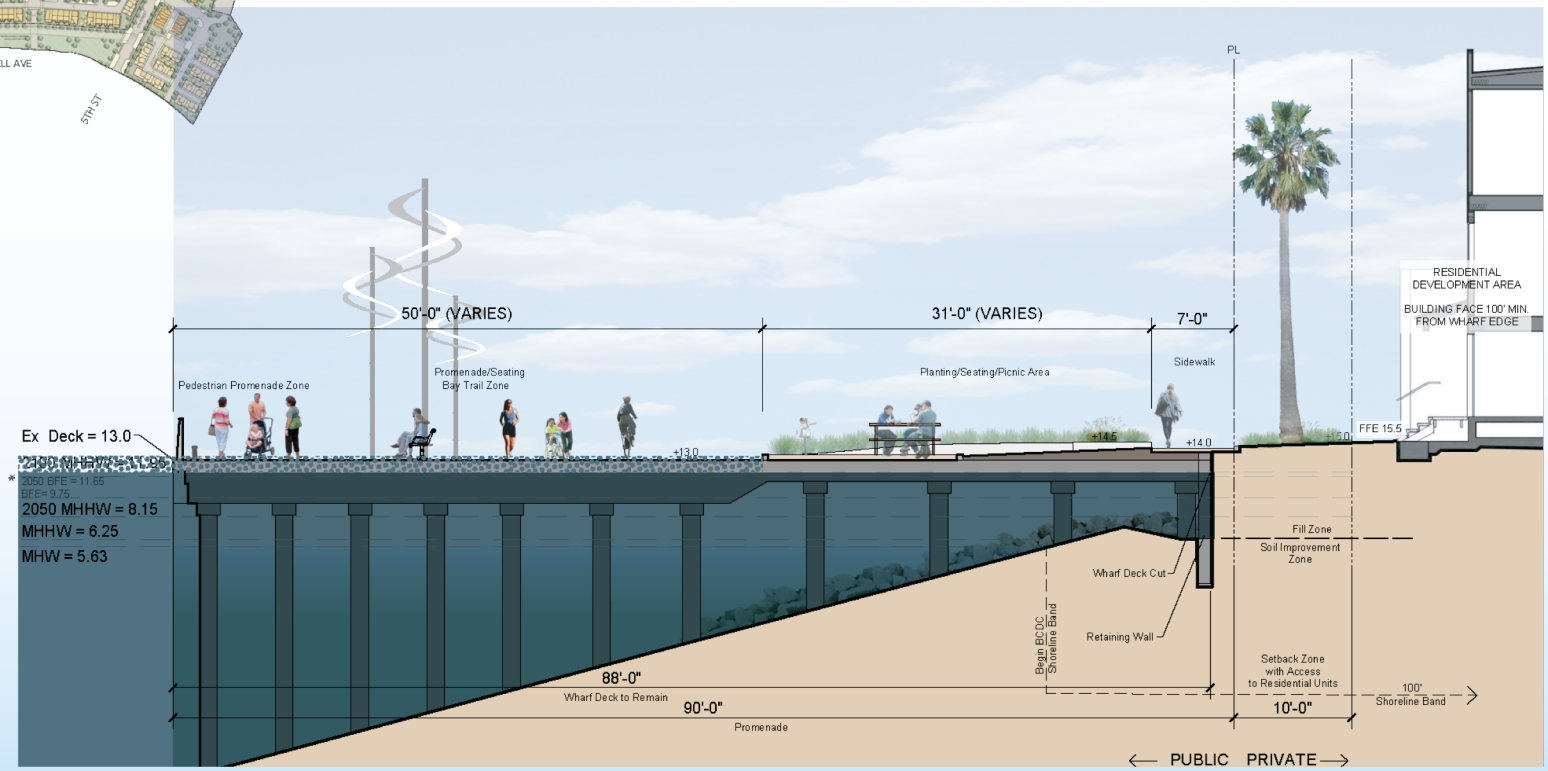
2100: Mean Higher High Water



2100 (+5.7FT) Med-High Risk – Low Emissions
MHHW El. 11.95'

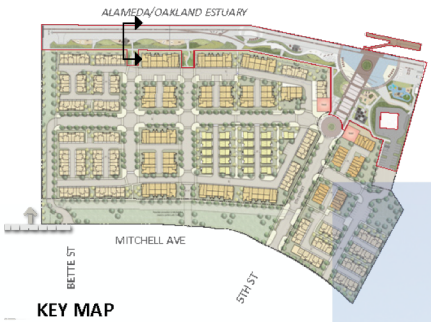
2100: King Tide

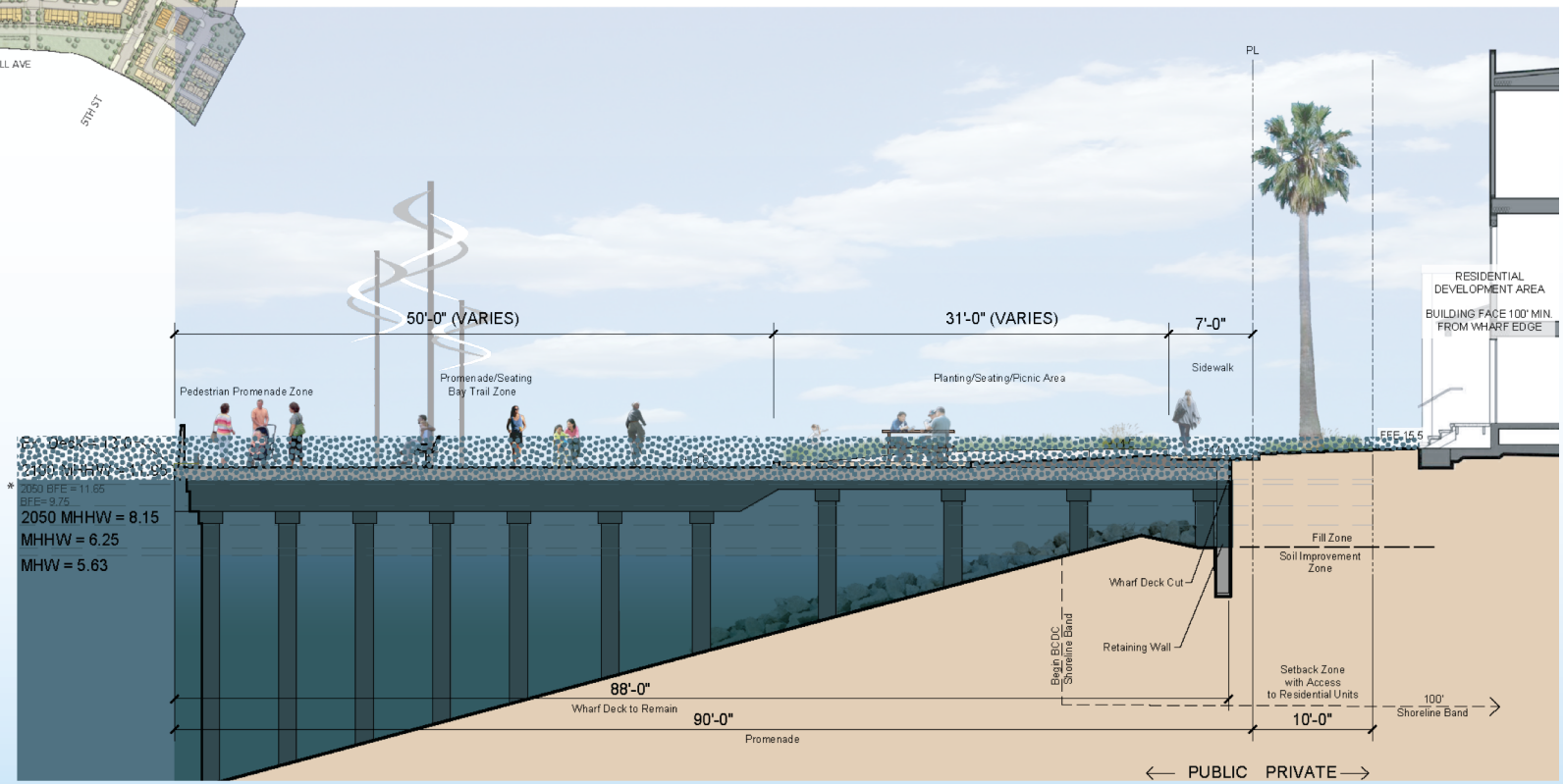




2100 (+5.7FT) Med-High Risk – Low Emissions
1YR STORM (100%) El. 13.24'
MHHW El. 11.95'

2100: 100-Year Storm





2100 (+5.7FT) Med-High Risk – Low Emissions
100 YR FLOOD 1% (BFE) El. 15.7'
MHHW El. 11.95'

2100: 100-Year Storm

100 YR STORM (1%) @ 2100 (+5.7' SLR) = 28 Inches Water (Promenade) 16 Inches Water (Upper Walkway)

CATELLUS

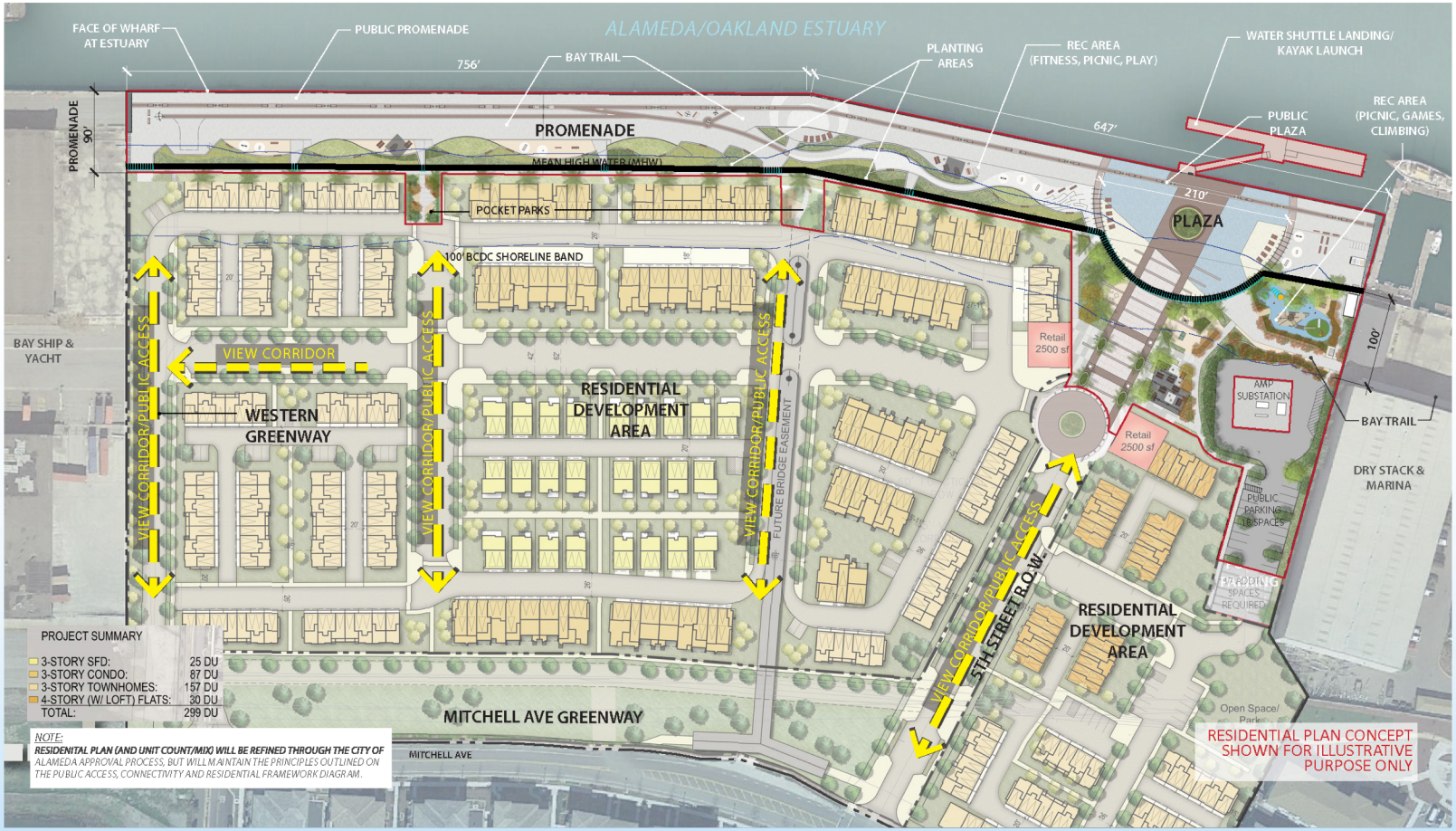
WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

Alameda Landing Waterfront · BCDC DRB

October 15, 2018

0' 50' 100'

Potential Adaptation Measures



CATELLUS

WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

Alameda Landing Waterfront · BCDC DRB

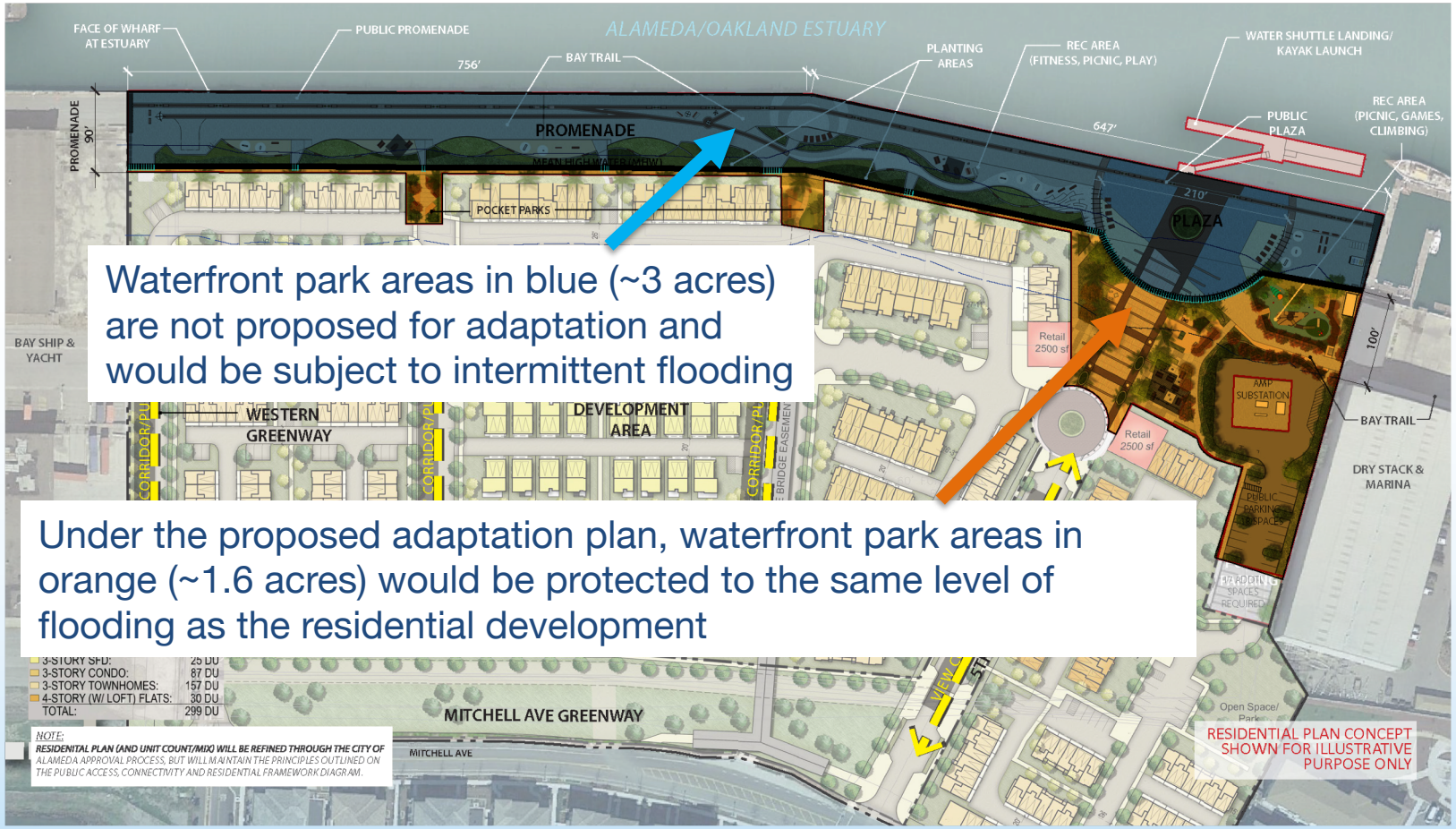
October 15, 2018

0' 50' 100'

BKF 100 YEARS ENGINEERS. SURVEYORS. PLANNERS

KAYVICTOR

Potential Adaptation Measures



Waterfront park areas in blue (~3 acres) are not proposed for adaptation and would be subject to intermittent flooding

Under the proposed adaptation plan, waterfront park areas in orange (~1.6 acres) would be protected to the same level of flooding as the residential development

CATELLUS

WATERFRONT PARK WITH RESIDENITAL: CONCEPT 2

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0' 50' 100'

Issues Raised

McAteer-Petris Act and Bay Plan Policies on:

- Bay Fill
- Public Access – including sea level rise
- Recreation
- Appearance, Design, & Scenic Views