

SCAPE LANDSCAPE ARCHITECTURE DPC

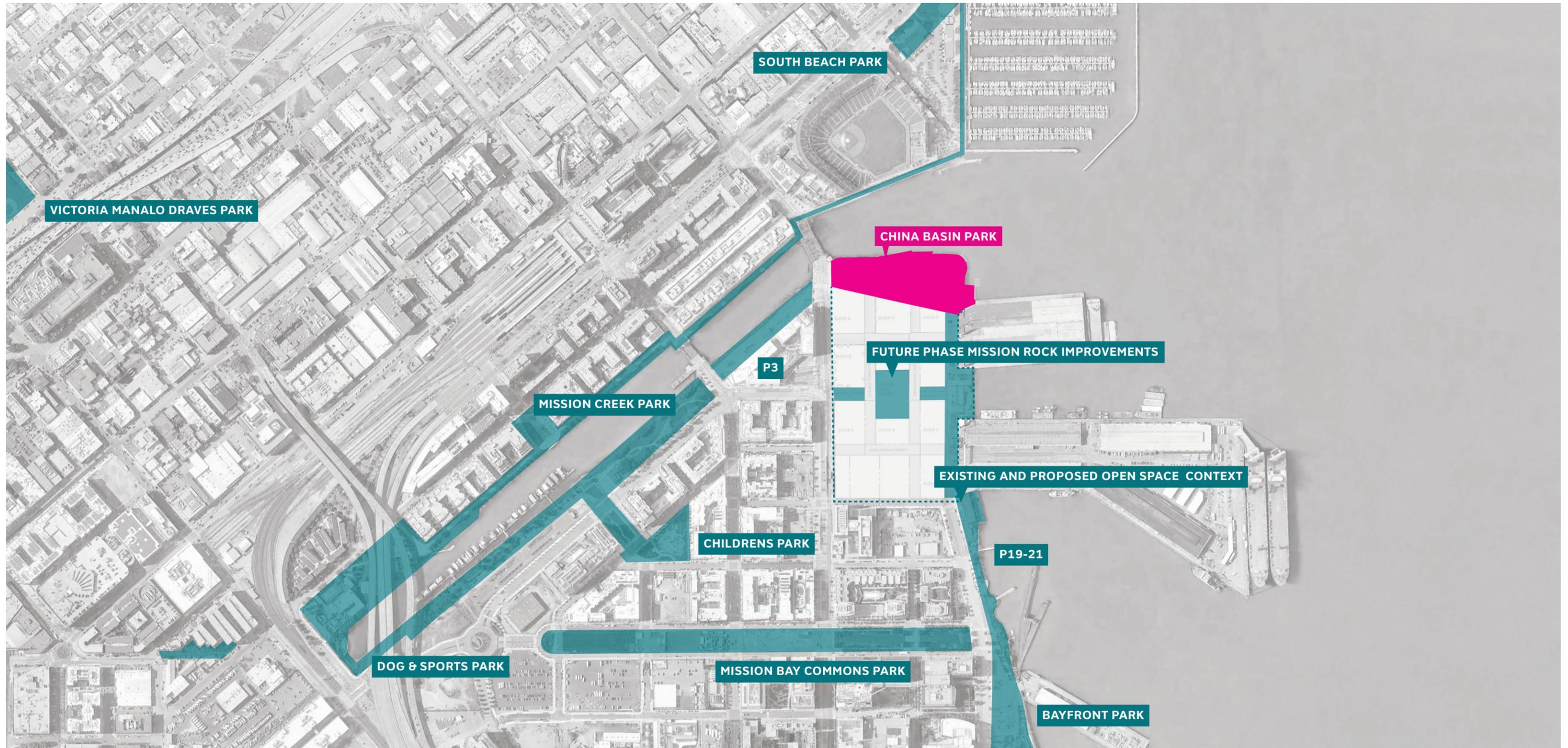
**CHINA BASIN PARK AT MISSION ROCK
BCDC EXHIBITS**

NOVEMBER 4, 2019

MISSION ROCK OPEN SPACE CONTEXT PLAN

LEGEND

- CHINA BASIN PARK
- EXISTING & PROPOSED OPEN SPACE CONTEXT

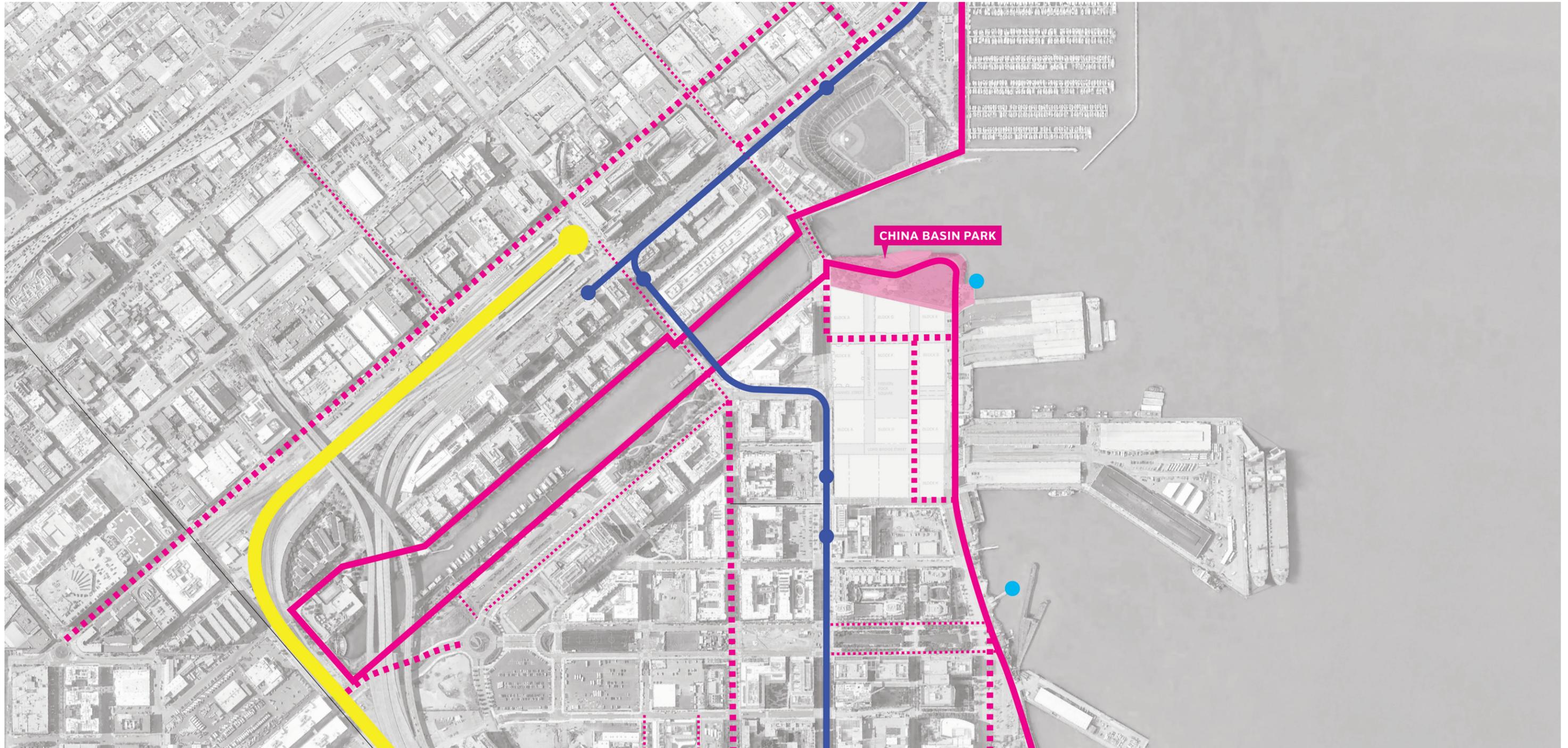


MISSION ROCK CONNECTIVITY PLAN

LEGEND

- BAY TRAIL
- BIKE LANE
- BIKE TRAIL

- CALTRAIN
- 3RD ST. T-LINE
- BOAT LAUNCH

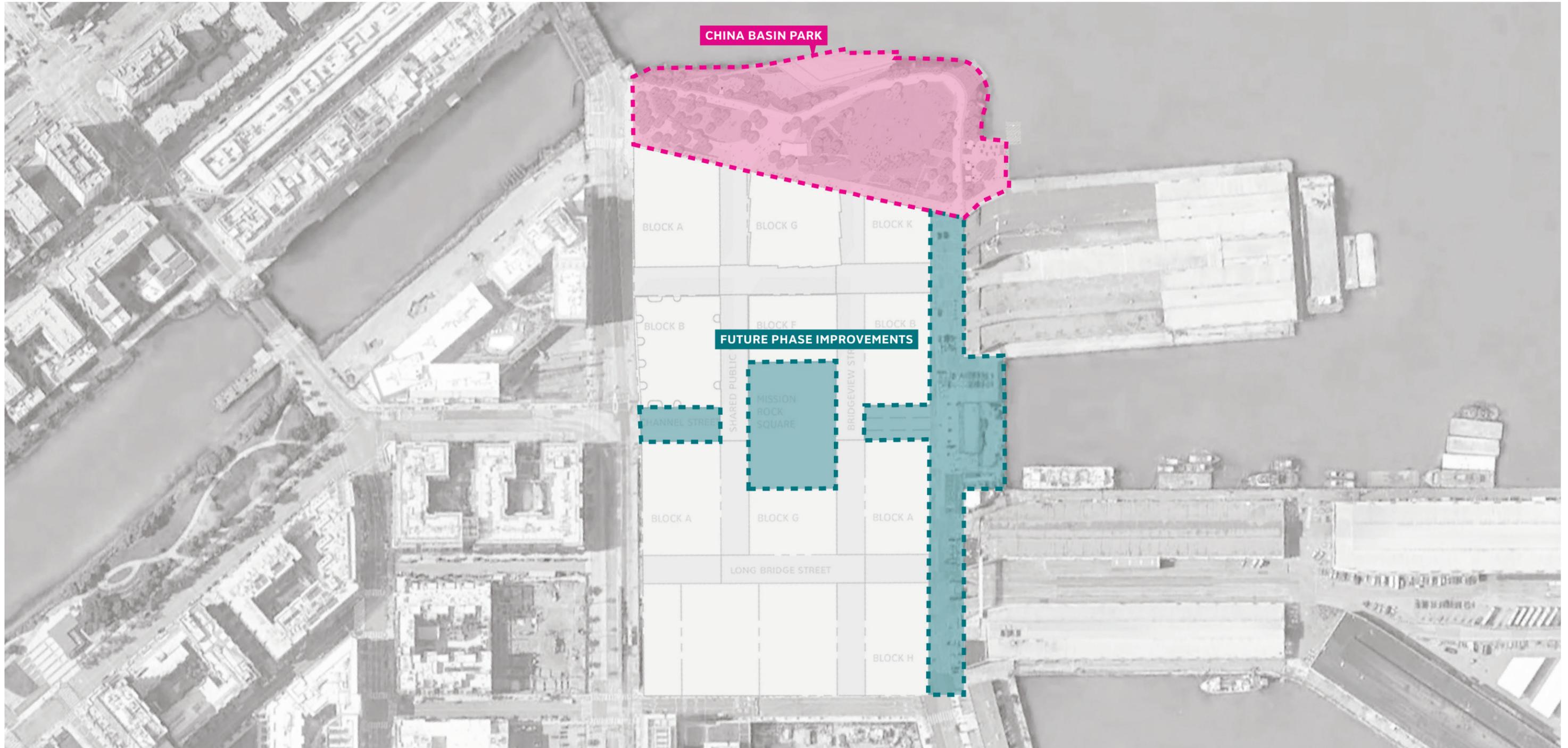


MISSION ROCK OPEN SPACE OVERVIEW

LEGEND

CHINA BASIN PARK

FUTURE PHASE IMPROVEMENTS



MISSION ROCK PHASING UPDATE

LEGEND

- PHASE
- CHINA BASIN PARK, PASEOS

PHASE I:



2019:

- China Basin Park
- Bridgeview & Shared Public Way Paseos

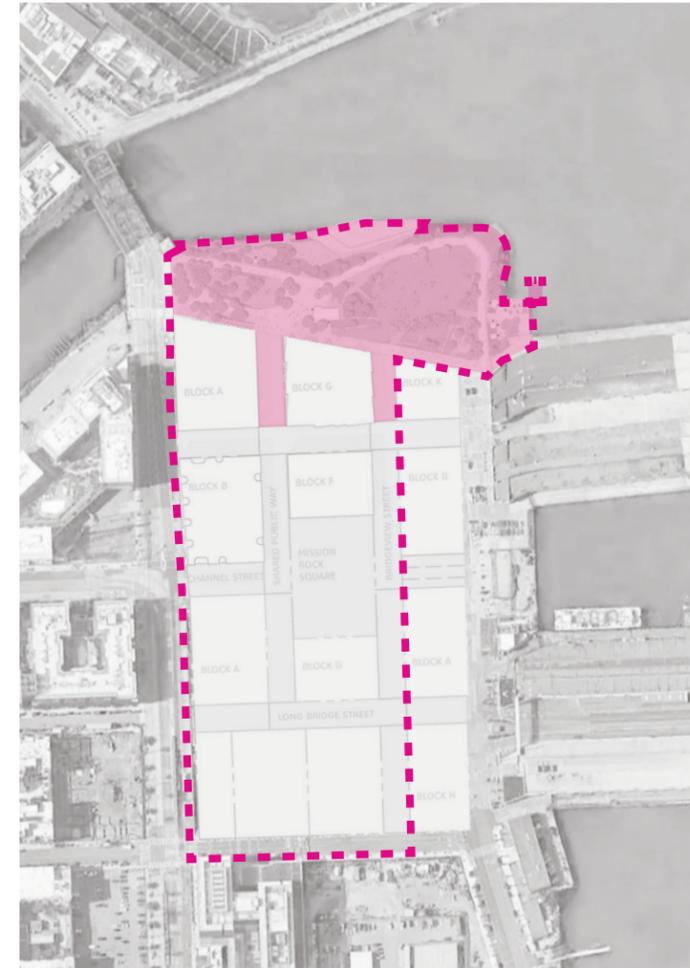
PHASE II:



BEGINS 2021 (Anticipated)

- Public dock at China Basin Park
- Temporary improvements at Terry A Francois Blvd.
- Interim improvements at Channel Wharf

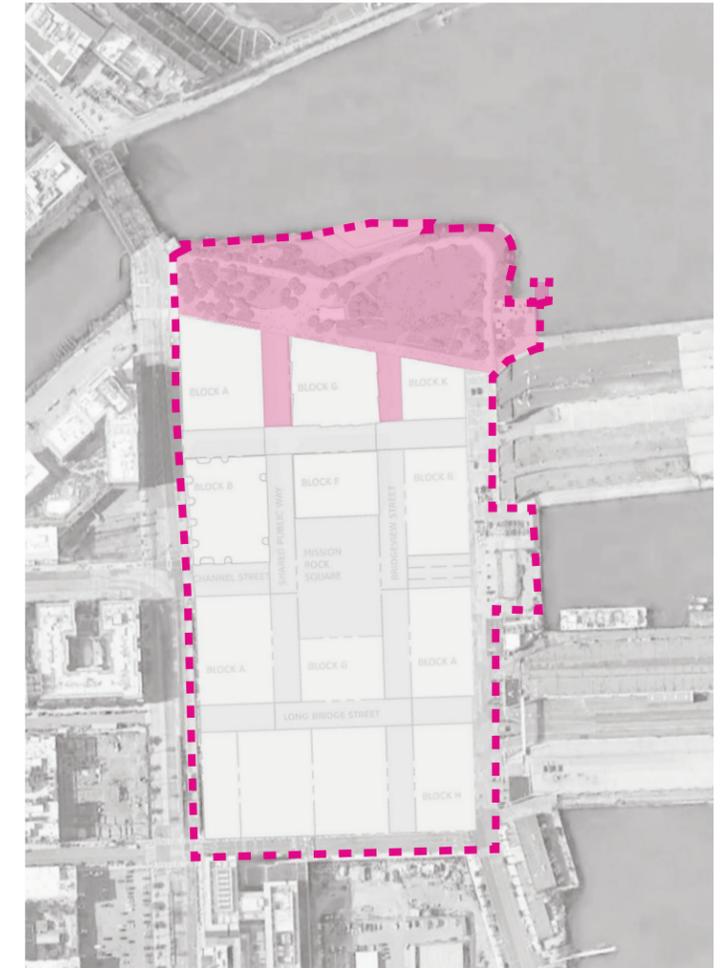
PHASE III:



BEGINS 2023 (Anticipated)

- Mission Rock Square

PHASE IV:



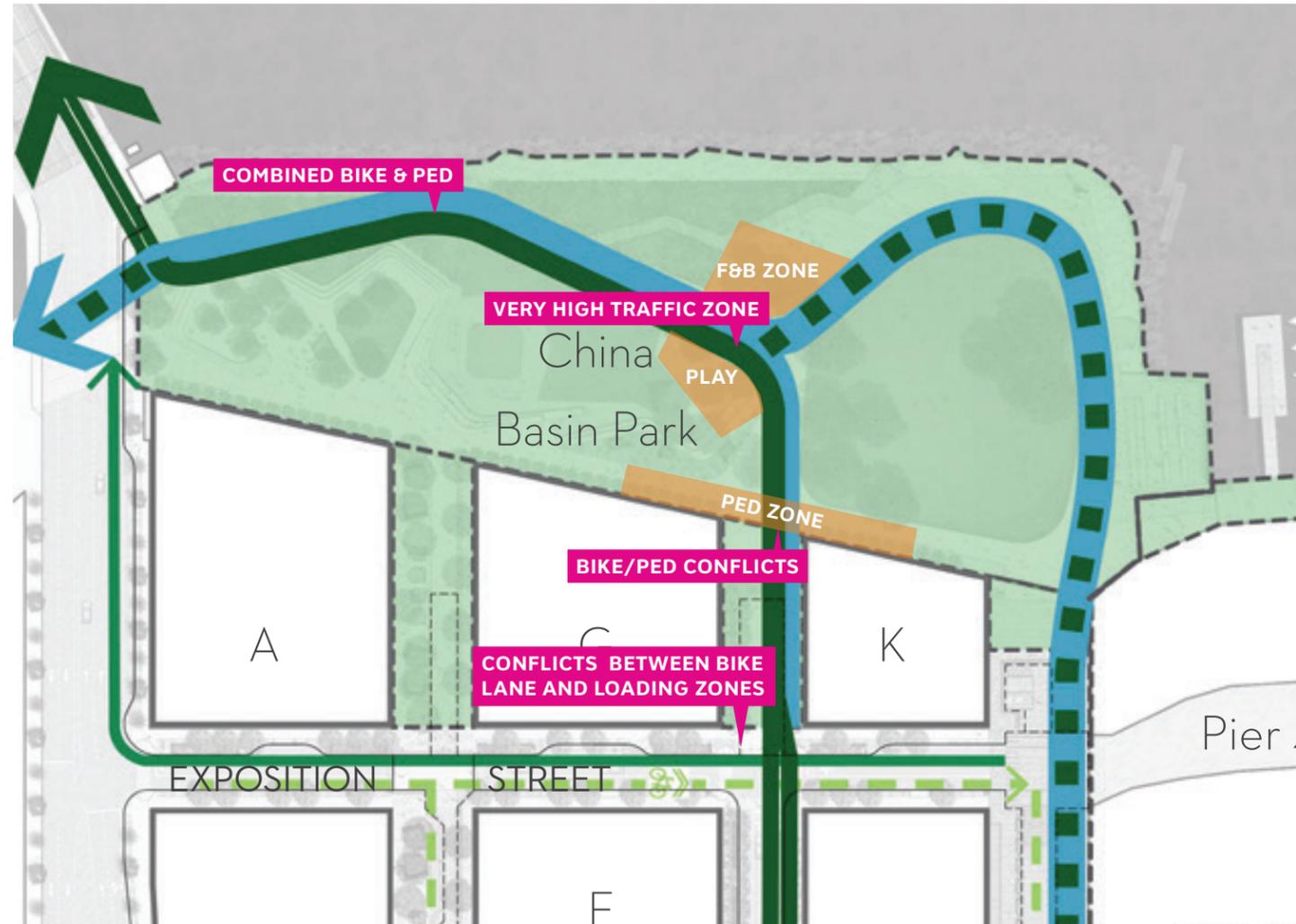
BEGINS 2025 (Anticipated)

- Channel Lane
- Permanent improvements at Terry A Francois Blvd.

CHINA BASIN PARK BICYCLE AND WHEELED CIRCULATION DIAGRAMS

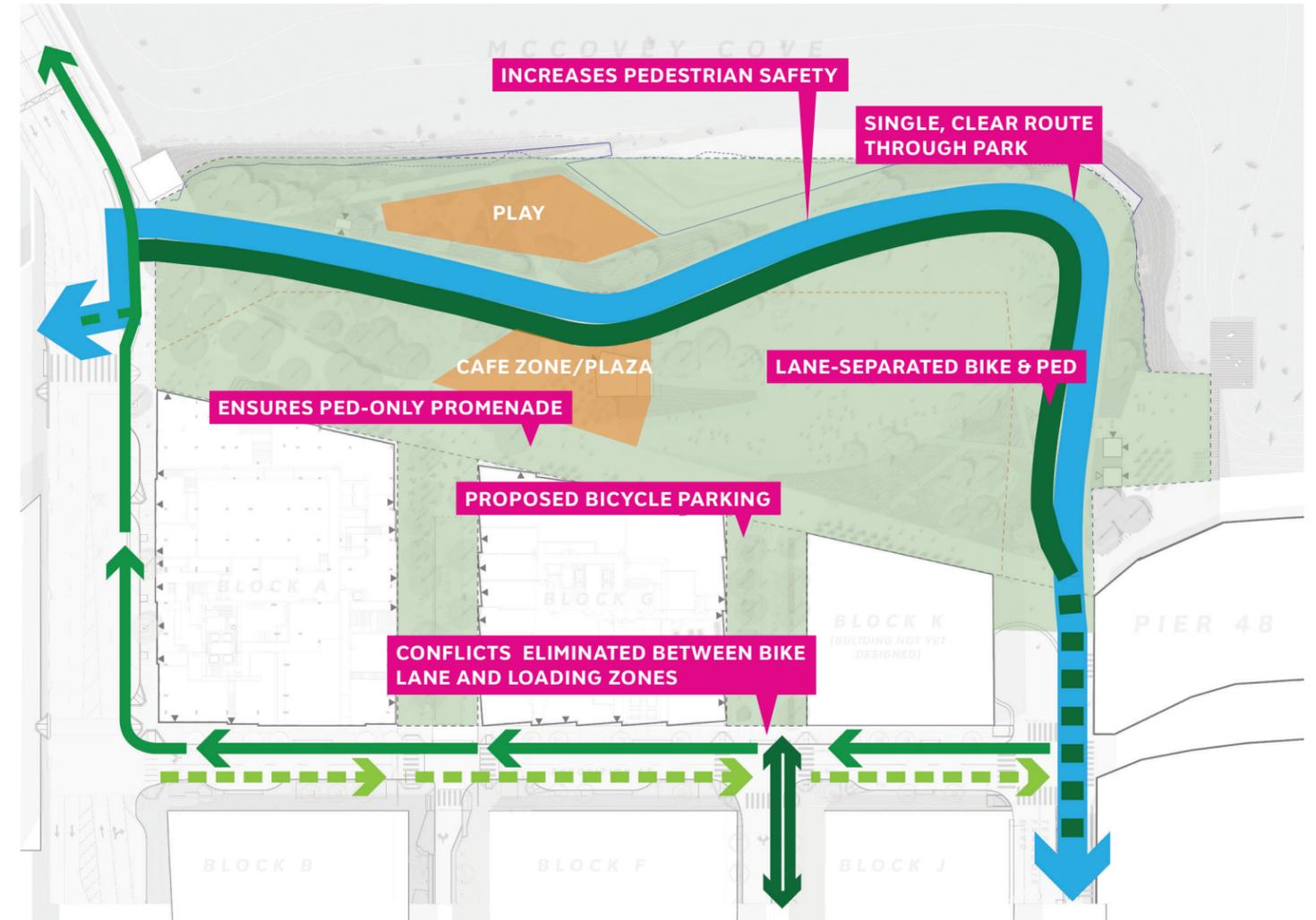
LEGEND	
	BAY TRAIL/BLUE GREENWAY
	PROTECTED CYCLE TRACK
	CLASS II BIKE LANE
	SHARROWS / SHARED TRAVELWAY
	PARK PROGRAM

DESIGN CONTROLS CONCEPT DESIGN



- Increased bike-pedestrian conflicts across Bridgeview & Park Promenade
- Combined bike and pedestrian Bay Trail, increased conflicts along Bay Trail
- Very high traffic zone at confluence of bikes, bay trail, lawn, food & beverage, and play area

PROPOSED

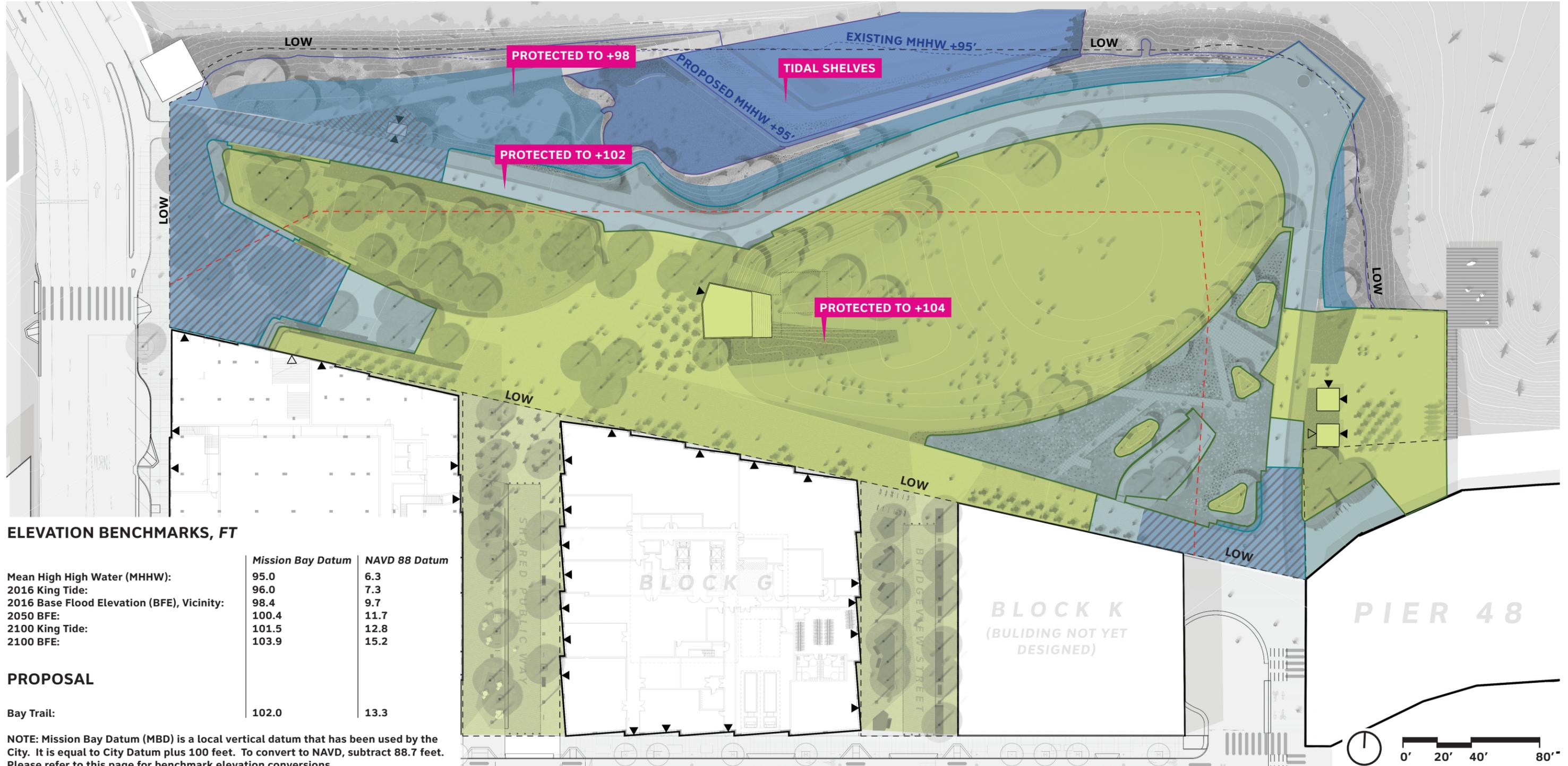


- Reduces bike-pedestrian conflicts on Park Promenade and other interior areas of park
- Lane-separated bike and pedestrians, reduces conflict along Bay Trail
- Reduced-conflict route to 3rd St and TFB.
- Preserves hierarchy of bike facilities for a variety of users
- Clarifies bicycle connection to Bay Trail
- Bridgeview cycle track provides strong connectivity between China Basin Park, Mission Rock, and points along the increasingly dense and bike-friendly eastern waterfront

CHINA BASIN PARK SEA-LEVEL RISE RESILIENCE PLAN

LEGEND

- PROTECTED TO 98' (Mid-century SLR)
- PROTECTED TO 102' (2100 SLR)
- PROTECTED TO 104' (2100 BFE)
- FURTHER PROTECTION THROUGH OTHER ADAPTATION MEASURES



ELEVATION BENCHMARKS, FT

	Mission Bay Datum	NAVD 88 Datum
Mean High High Water (MHHW):	95.0	6.3
2016 King Tide:	96.0	7.3
2016 Base Flood Elevation (BFE), Vicinity:	98.4	9.7
2050 BFE:	100.4	11.7
2100 King Tide:	101.5	12.8
2100 BFE:	103.9	15.2

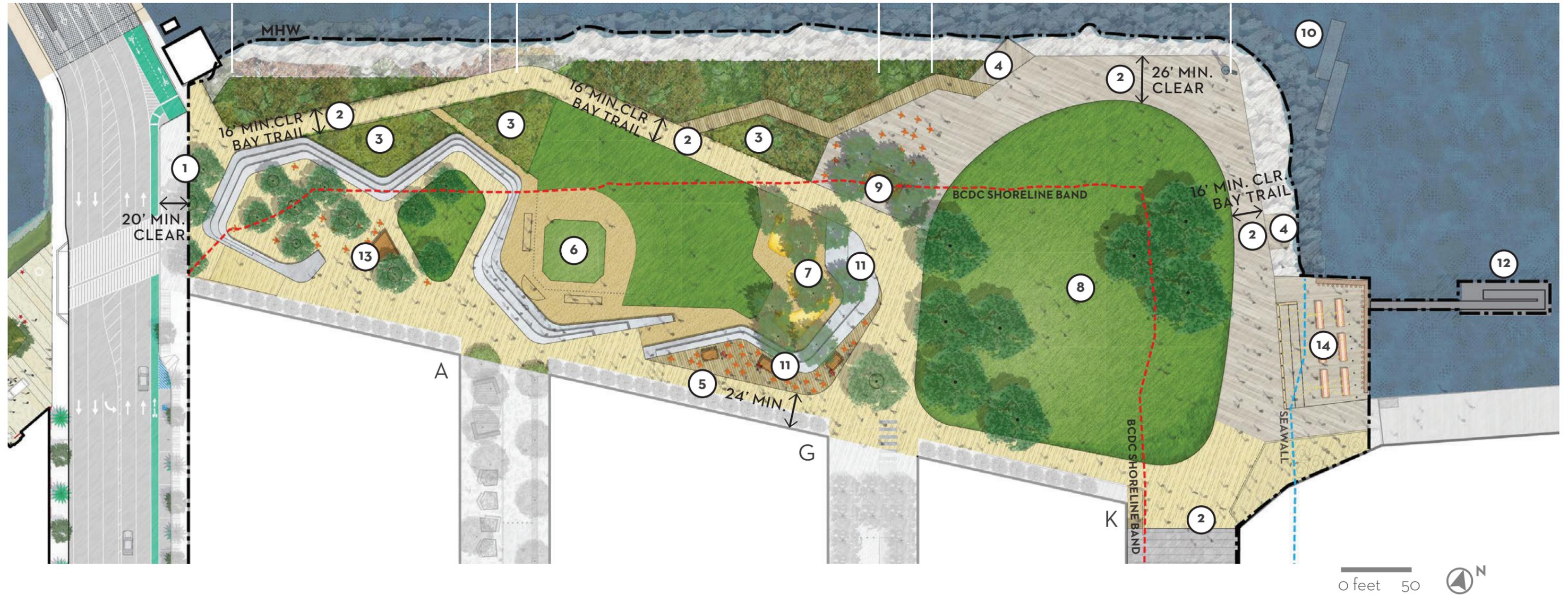
PROPOSAL

Bay Trail:	102.0	13.3
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NOTE: Mission Bay Datum (MBD) is a local vertical datum that has been used by the City. It is equal to City Datum plus 100 feet. To convert to NAVD, subtract 88.7 feet. Please refer to this page for benchmark elevation conversions.

PREVIOUSLY PERMITTED PLAN FOR CHINA BASIN PARK

AS ENDORSED BY BCDC DRB IN ADVANCE OF PERMIT, 06.15.2018



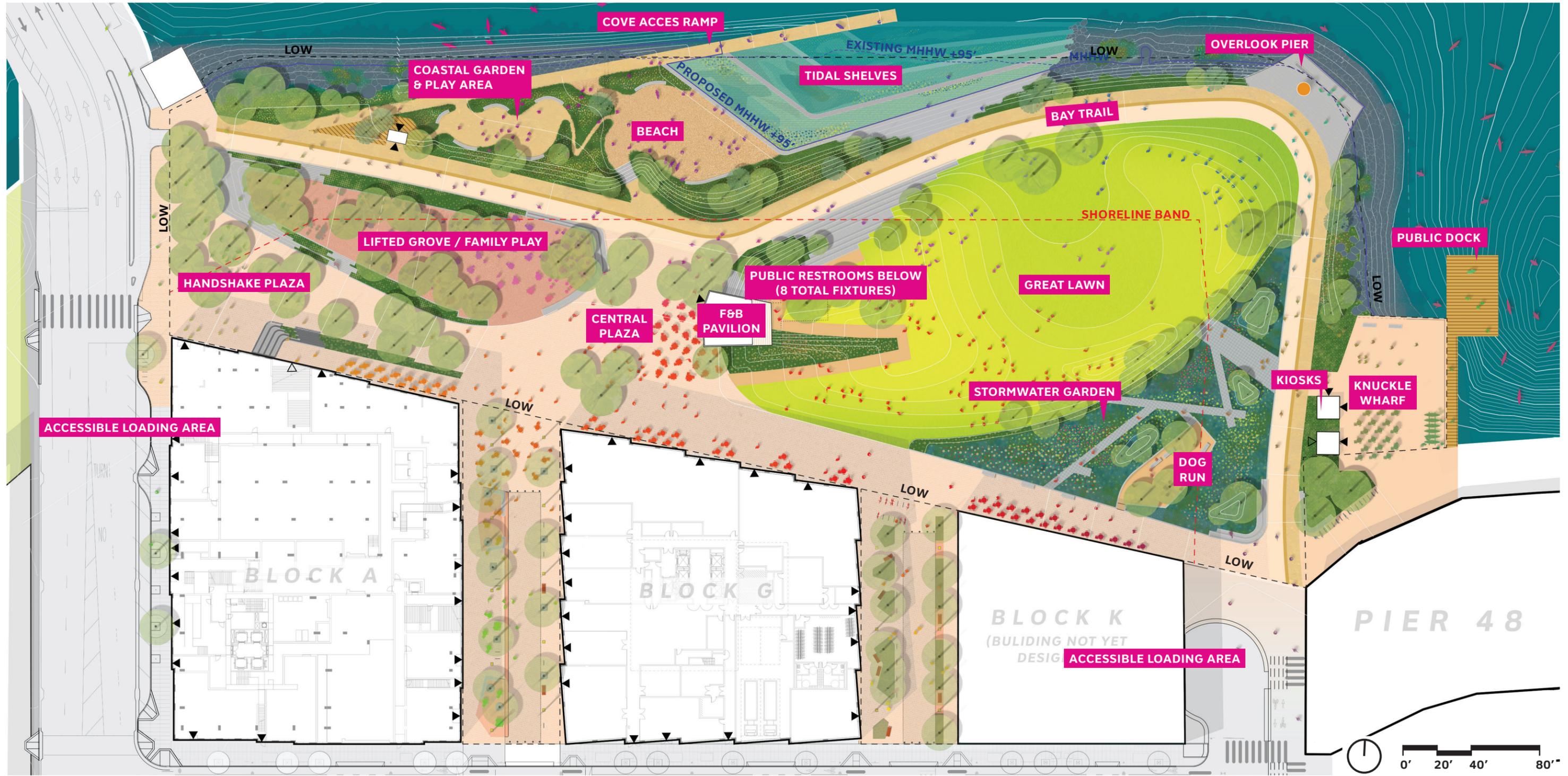
CONCEPTUAL PLAN

- | | | | |
|-------------------------------|---|---------------------------------|--|
| 1 Gateway Plaza | 5 Pedestrian Circulation (Park Promenade) | 8 Great Lawn | 12 Public Dock |
| 2 Bay Trail (16' min. clear) | 6 Active Recreation | 9 Park Cafe and Public Restroom | 13 Small Park Structure |
| 3 Stormwater Treatment Garden | 7 Family Play Zone | 10 Industrial Remnants (NIC) | 14 Picnic Area (Pier 48 Knuckle Wharf) |
| 4 Overlook | | 11 Retail Kiosks | |

- Major Permit Application Boundary
- BCDC Shoreline Band within Project Limit

UPDATED PROPOSED PLAN FOR CHINA BASIN PARK

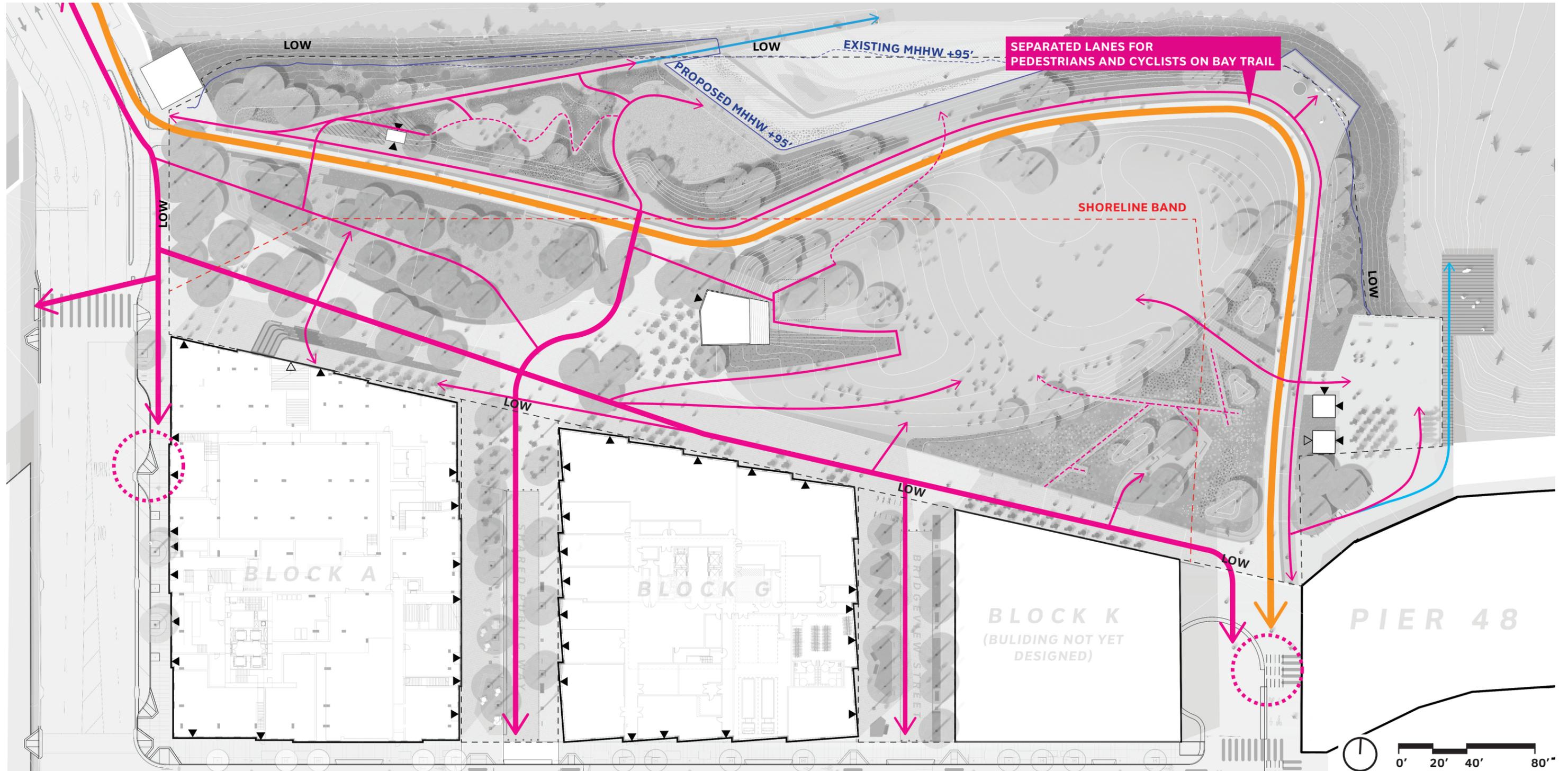
- LEGEND**
- - - EXISTING MHHW +6.3'
 - PROPOSED MHHW +6.3'
 - - - SHORELINE BAND
 - - - LIMIT OF WORK



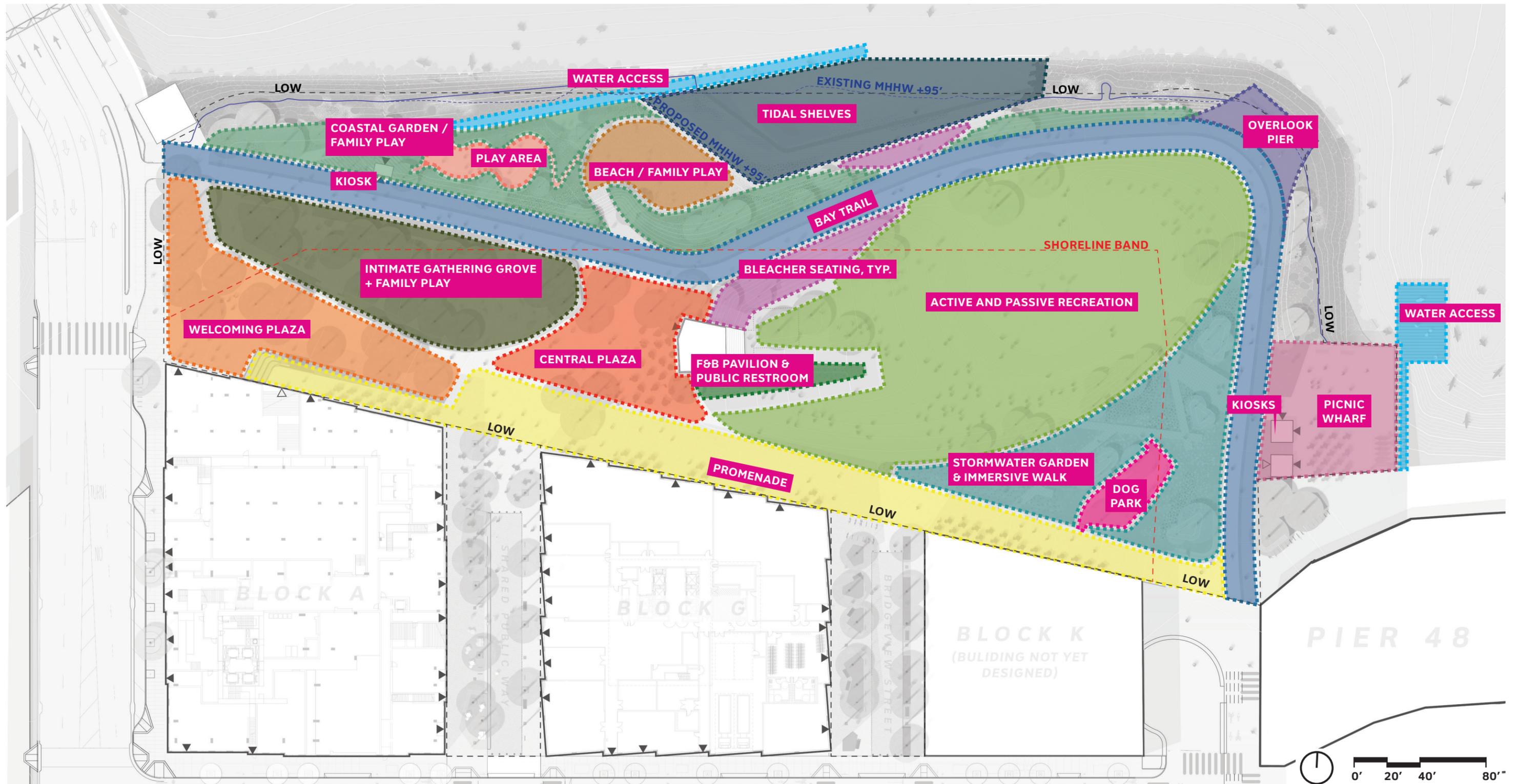
UPDATED PROPOSED CIRCULATION AND ACCESS

LEGEND

- BAY TRAIL
- PRIMARY CIRCULATION
- SECONDARY CIRCULATION
- - - IMMERSIVE PATH
- WATER ACCESS
- ⊙ ACCESSIBLE LOADING ZONE
- ▲ BUILDING ENTRANCE

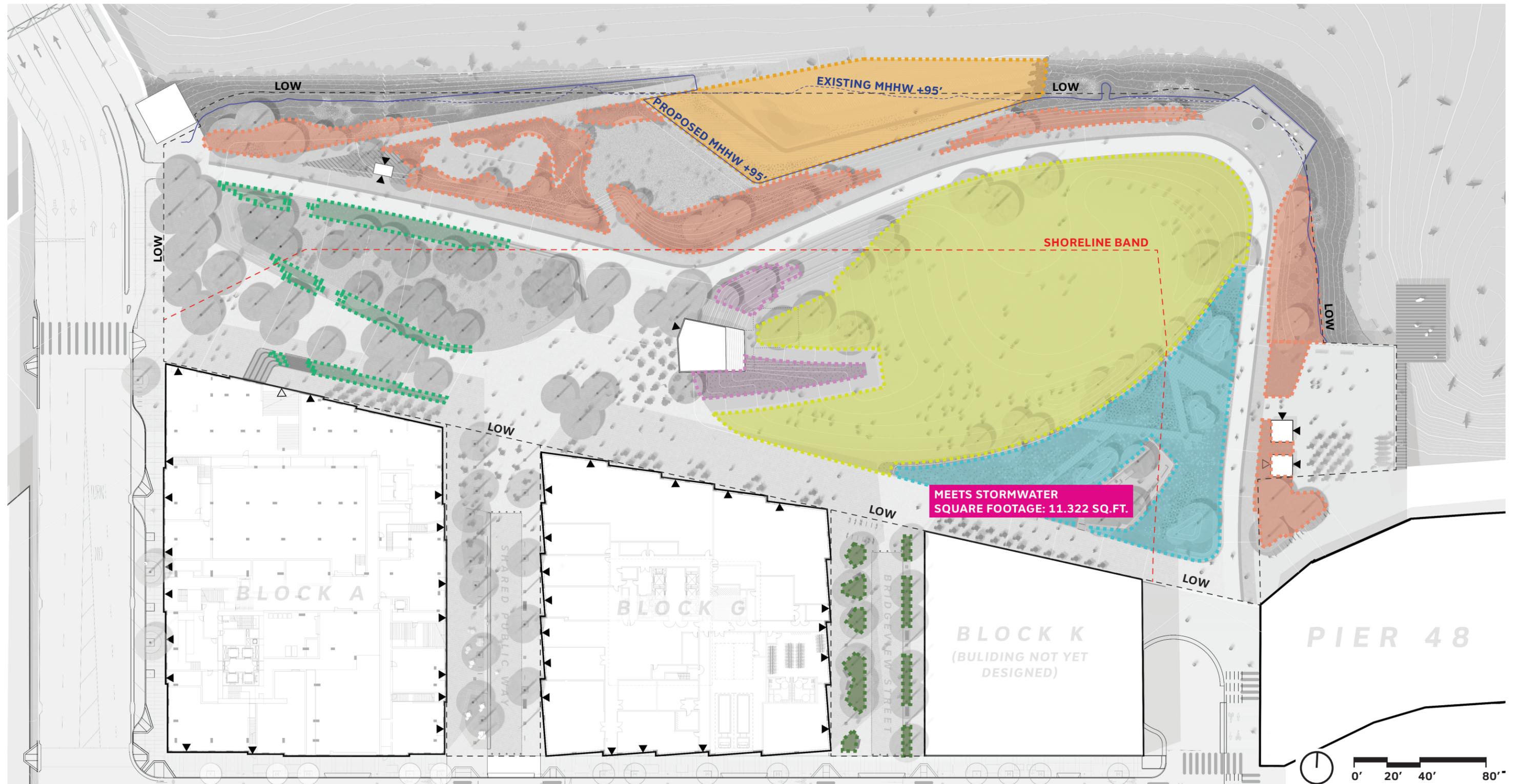


PROPOSED PARK PROGRAM

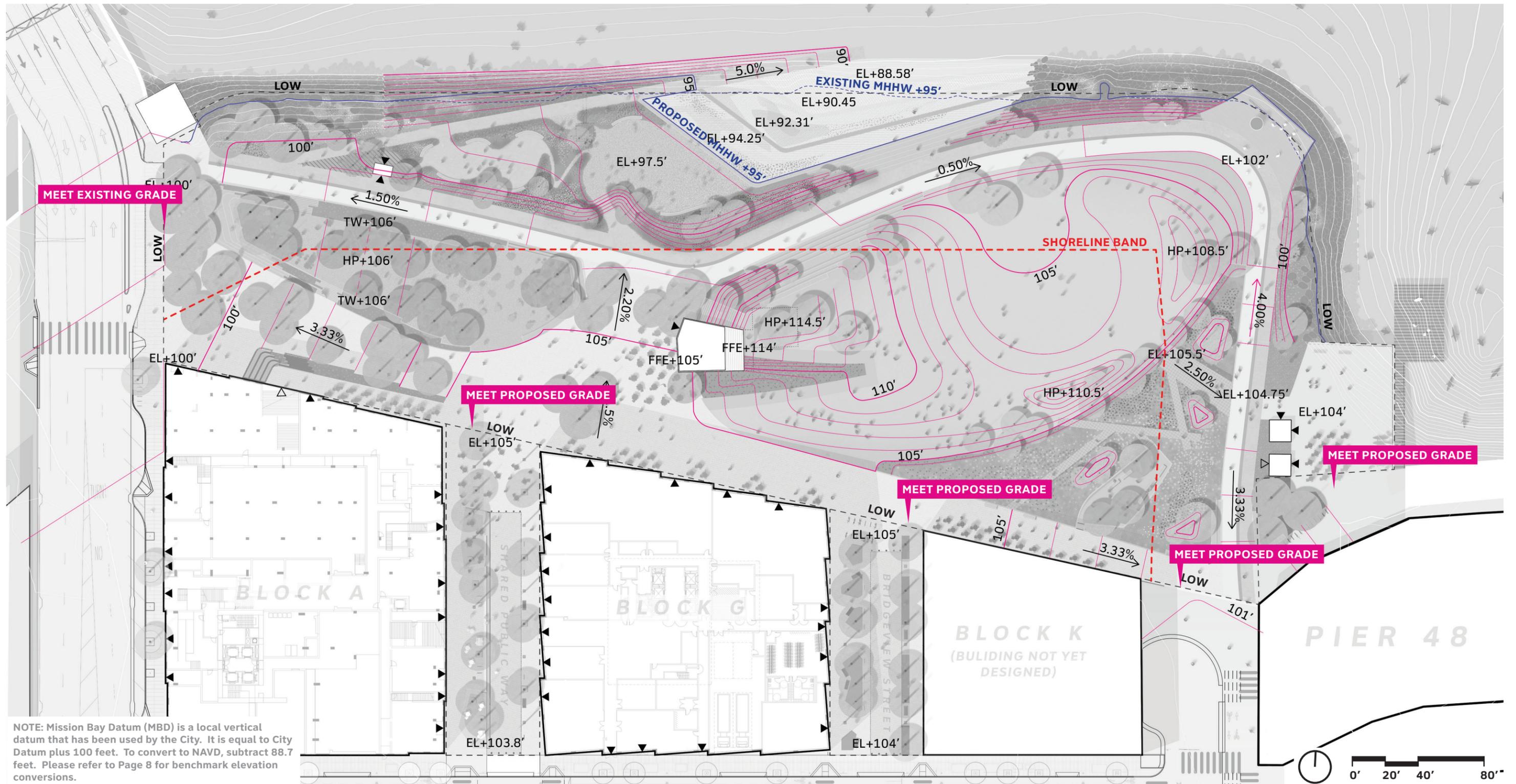


PROPOSED PLANTING ZONES

- LEGEND**
- COASTAL GARDEN
 - TIDAL SHELVES
 - LAWN
 - UPLANDS PLANTING
 - STORMWATER
 - PLAZA PLANTING

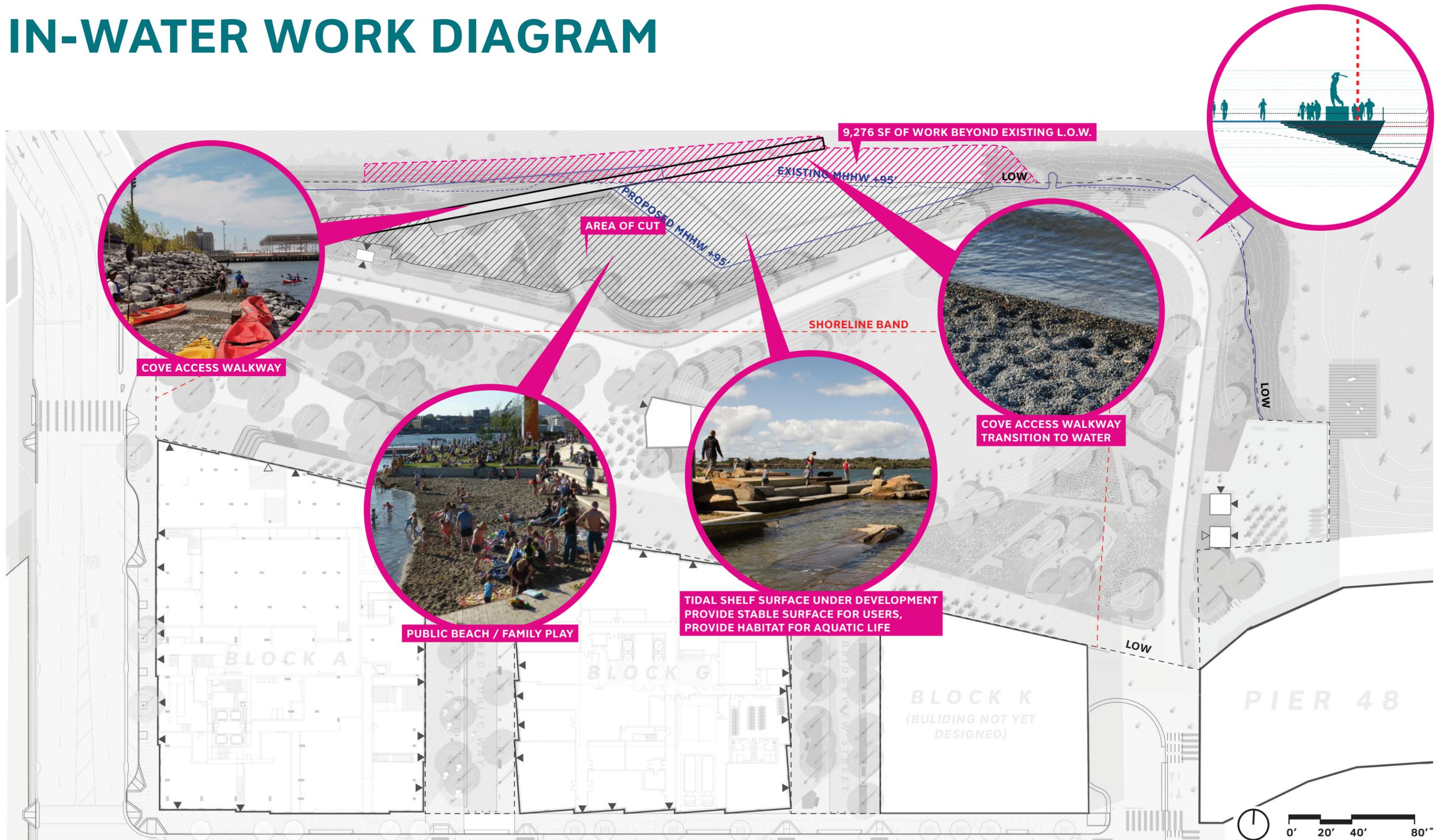


PROPOSED GRADING



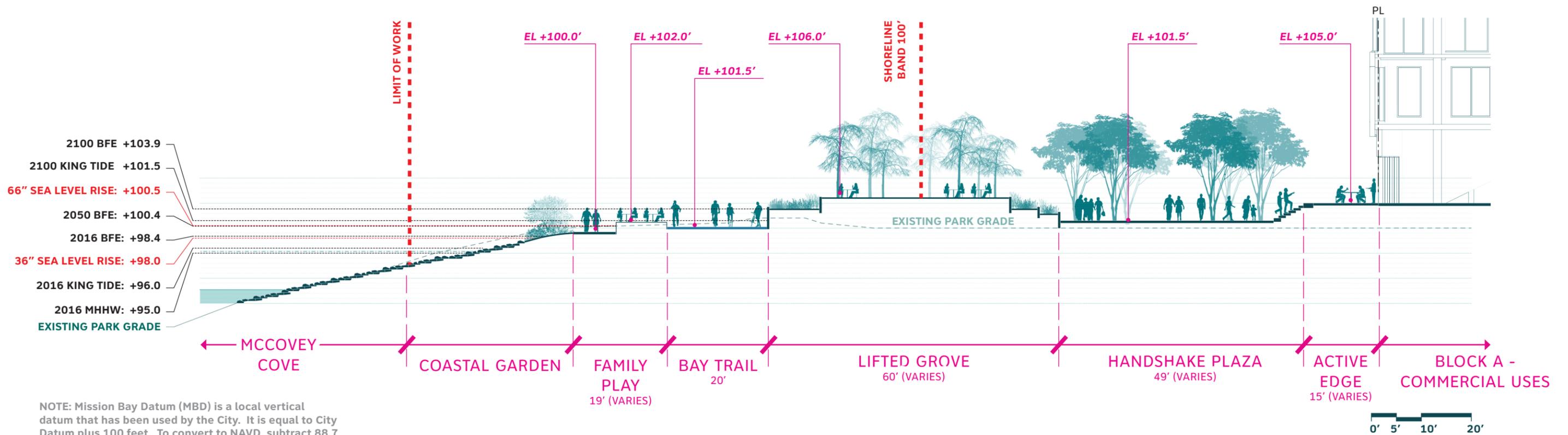
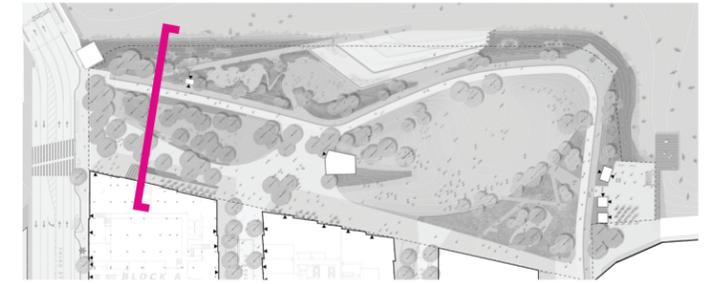
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IN-WATER WORK DIAGRAM



SITE SECTION - NORTH SOUTH

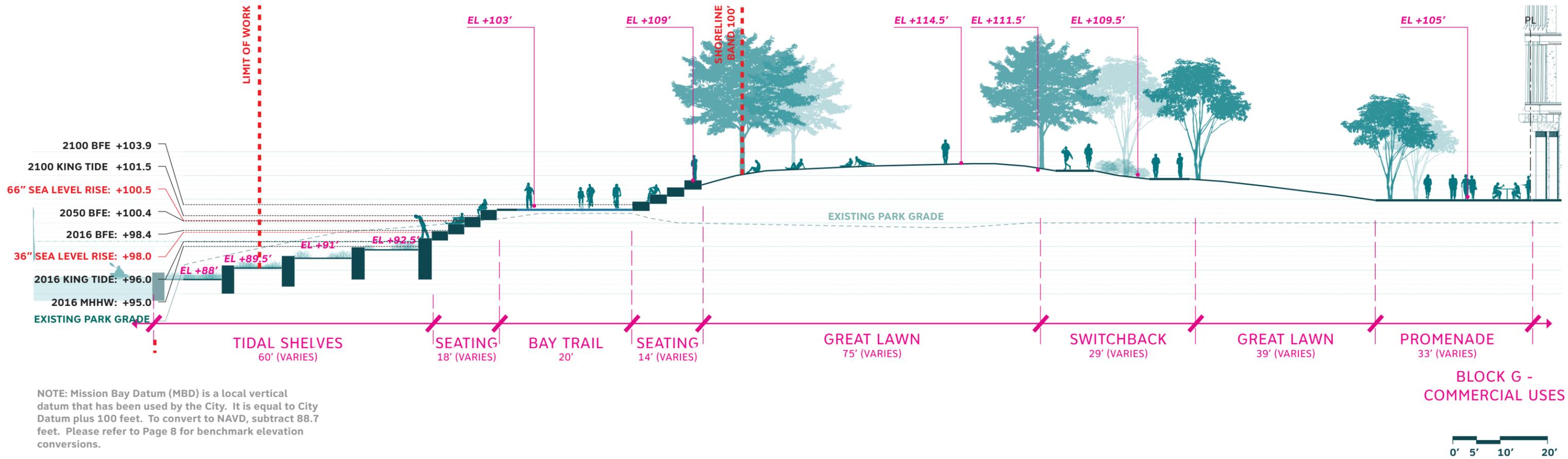
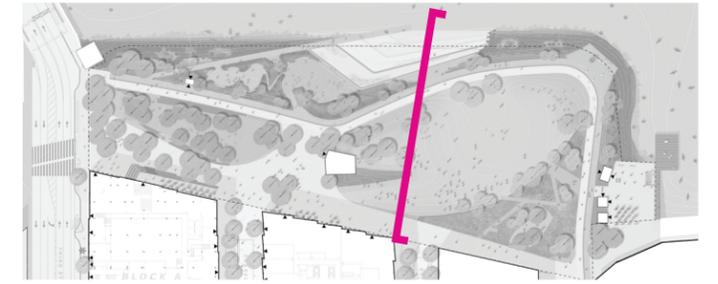
AT MCCOVEY COVE NEAR THIRD STREET



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SITE SECTION - NORTH-SOUTH

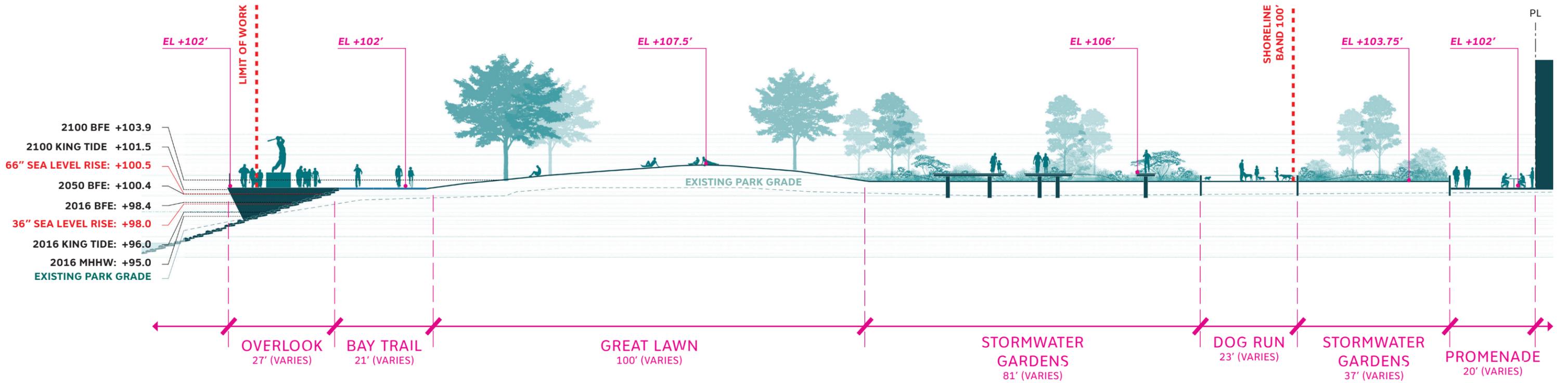
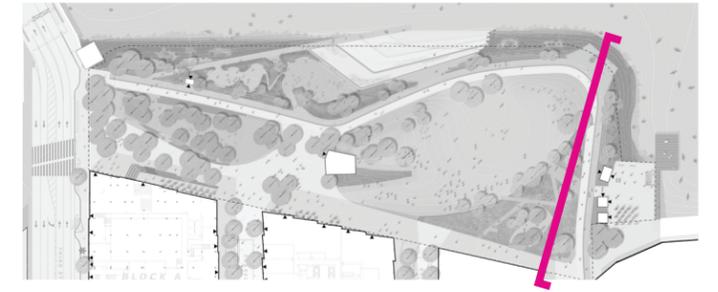
AT MCCOVEY COVE ALONG THE TIDAL SHELVES



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SITE SECTION - NORTH-SOUTH

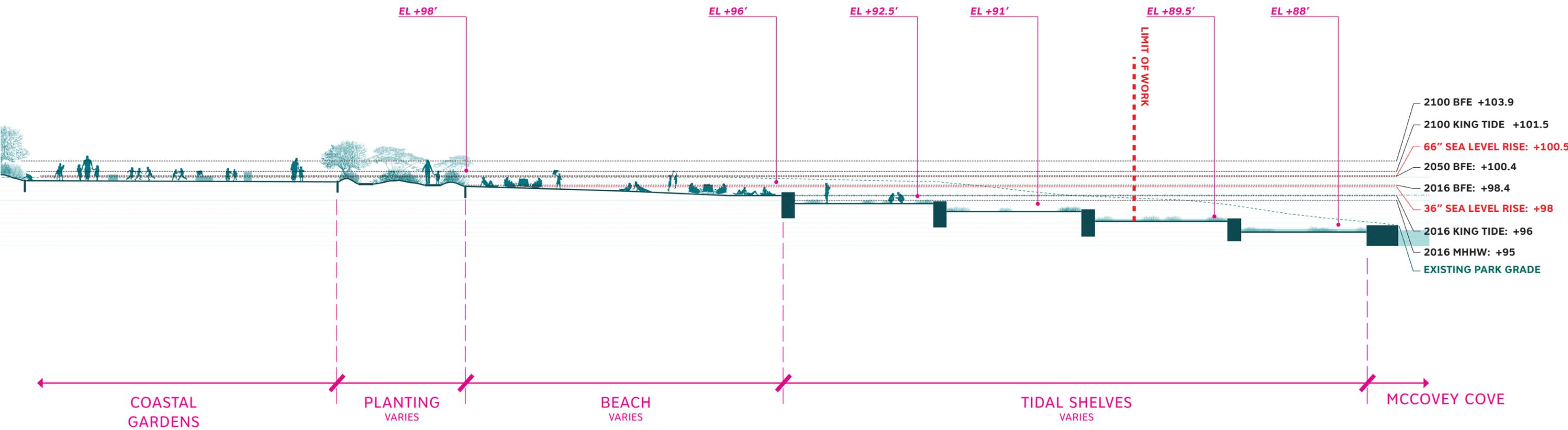
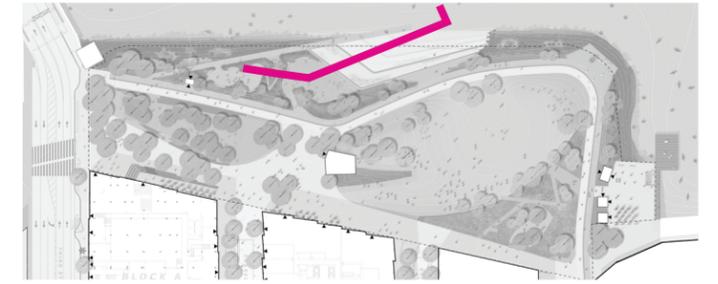
NEAR OVERLOOK PIER



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SITE SECTION - EAST-WEST

THROUGH COASTAL GARDENS AND TIDAL SHELVES



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TIDAL SHELVES - TARGET SPECIES

Aggregator Anenome



Rockweed



Red algae



Sea lettuce



Hermit crabs



Oysters



Limpets



Crabs



Barnacles



Shore birds



Sea Sponge



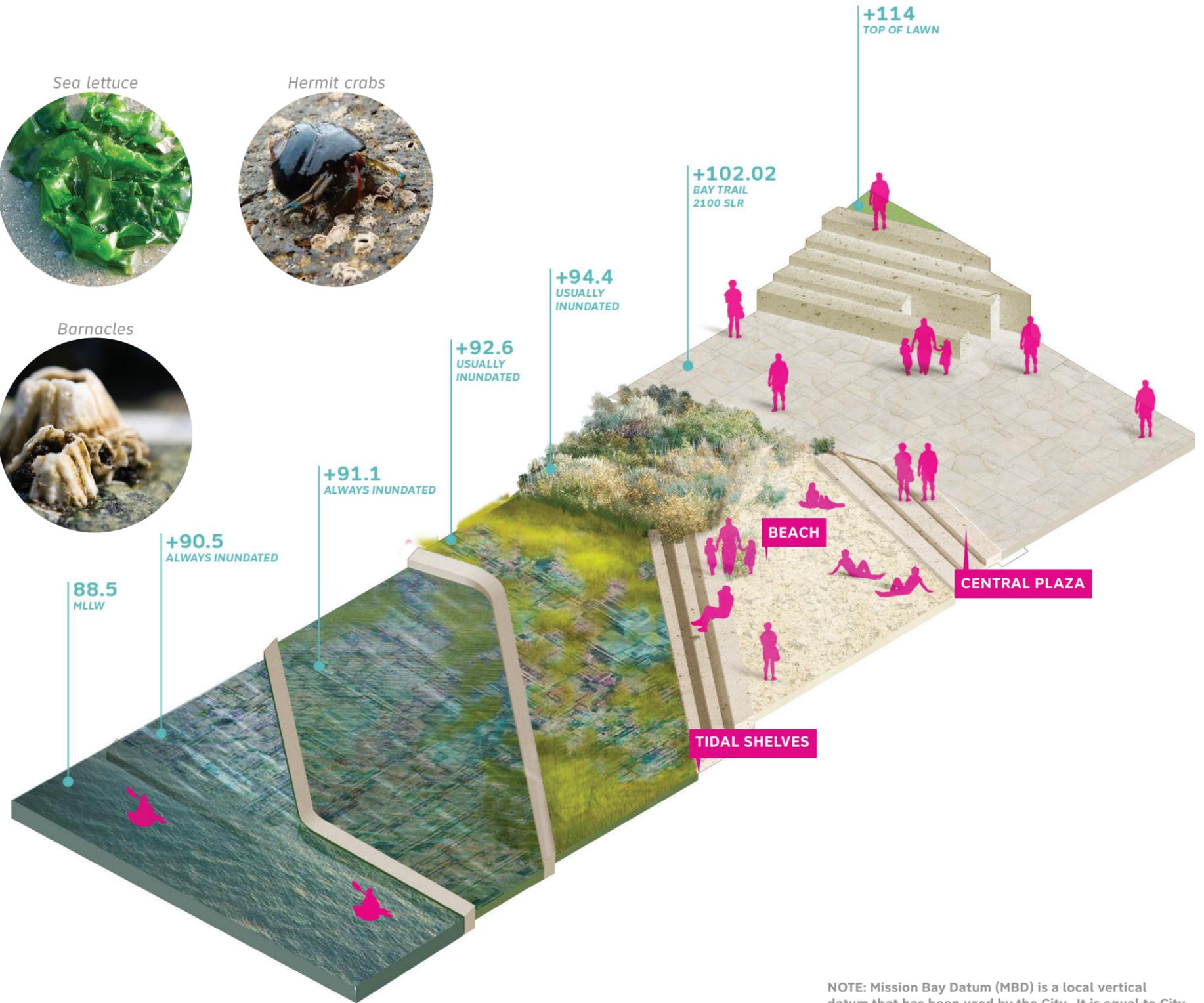
Spartina



Eel grass

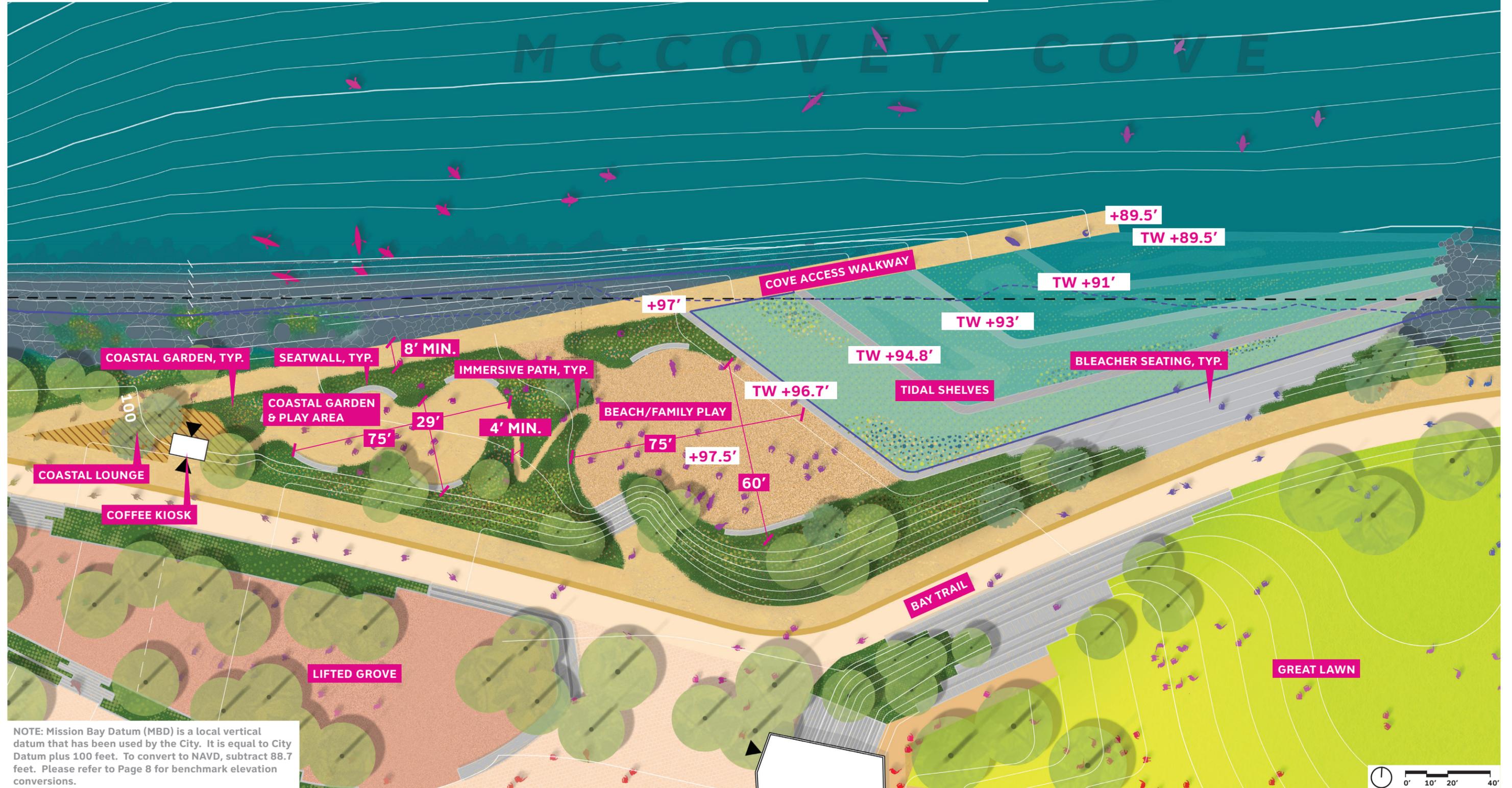


Pickleweed

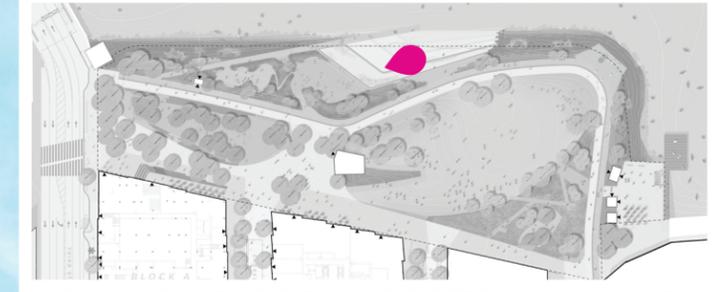


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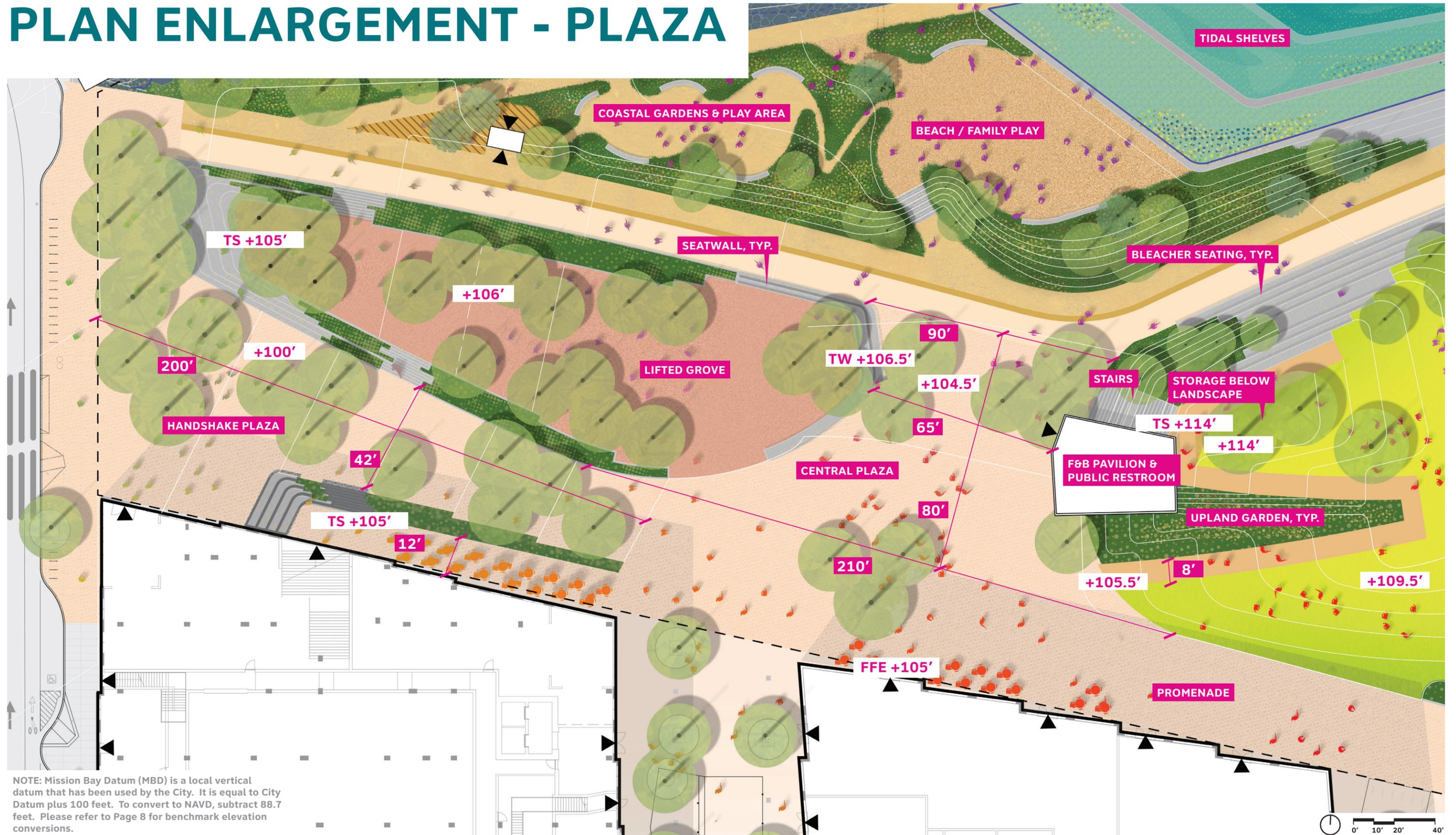
PLAN ENLARGEMENT - TIDAL SHELVES



TIDAL SHELVES RENDERING



PLAN ENLARGEMENT - PLAZA



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PLAZA RENDERING



PLAN ENLARGEMENT - LAWN



LAWN RENDERING



EVENTS CIRCULATION PLAN COMPARISON

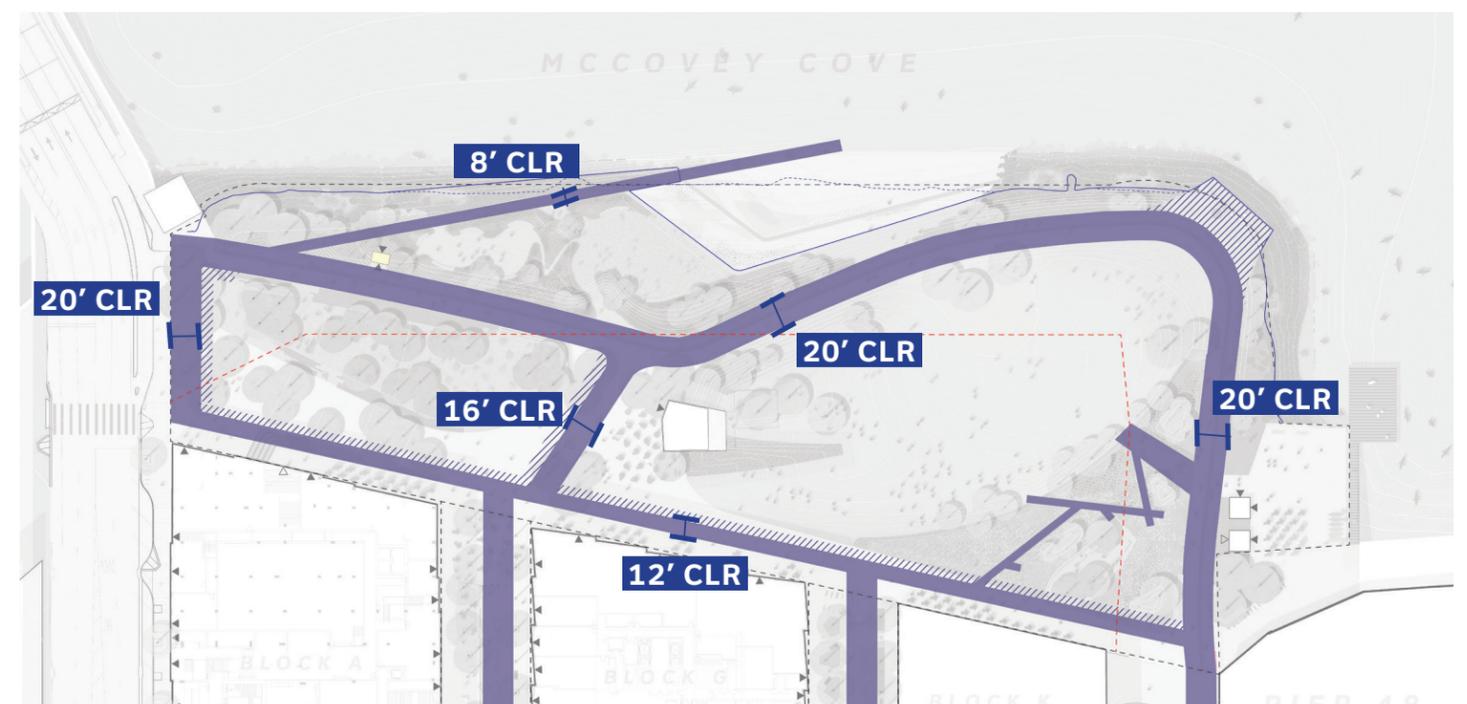
LEGEND

-  PRIMARY CIRCULATION
-  ADDITIONAL CLEAR SPACE OFFSET DURING EVENTS

BCDC PERMITTED

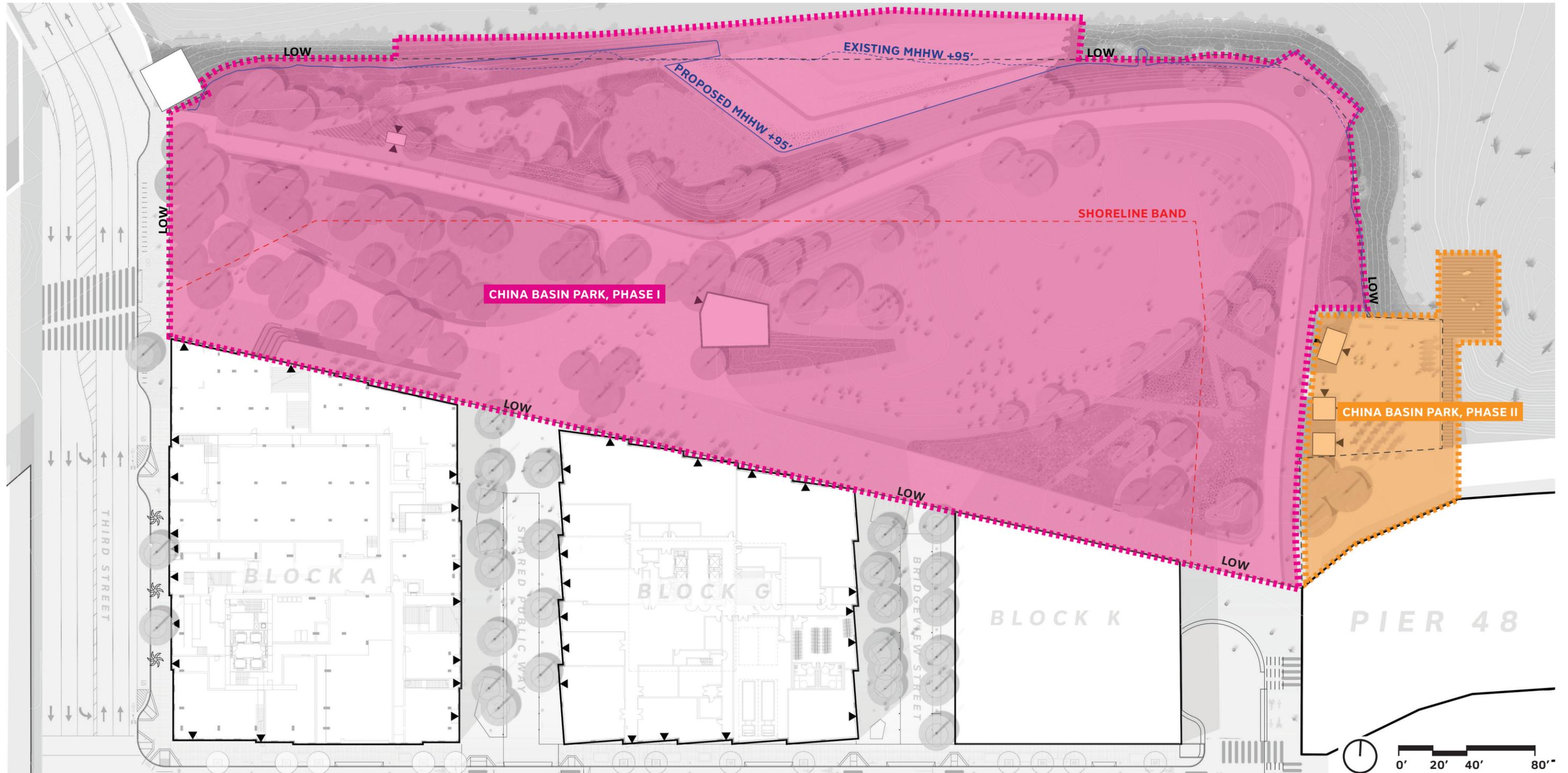


PROPOSED

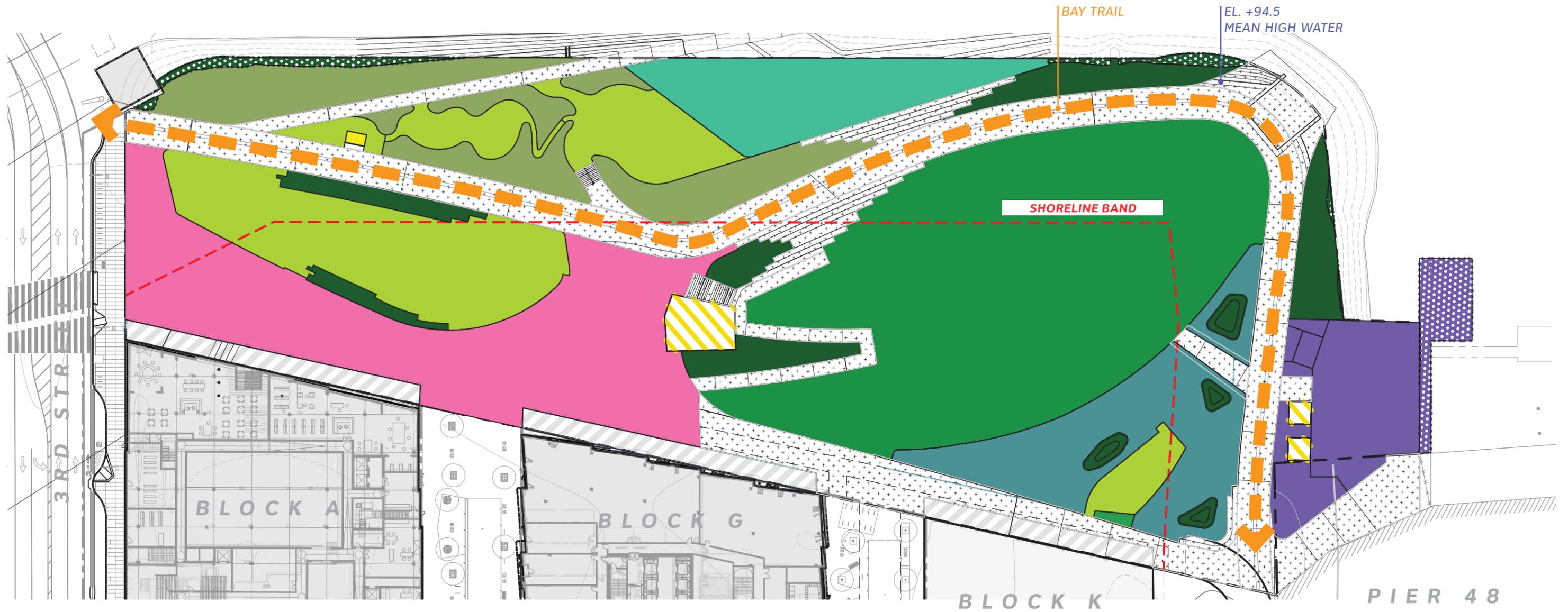


NOTE: Exact configuration of areas may change with further design development.

PARK PHASING PLAN



PROPOSED PLAN AREA DIAGRAM



Scale: 1" = 60' 0 30' 60'

 GATEWAY PLAZA 24,427 sf	 GREAT LAWN 42,837 sf	 PLANTING 10,522 sf	 COMMERCIAL STRUCTURES 1,761 sf
 MULTI-USE TRAILS & PEDESTRIAN CIRCULATION 40,786 sf	 ACTIVE RECREATION & FAMILY PLAY 21,766 sf	 STORMWATER TREATMENT GARDEN 11,322 sf	 ACTIVE EDGE 6,081 sf
 PICNIC AREA 8,410 sf	 COASTAL SCRUB GARDENS 13,172 sf	 EXISTING RIPRAP SHORELINE 1,464 sf	
	 TIDAL SHELVES 8,395 sf		

HARDSCAPE & CIRCULATION
73,622 SF

DIRECTLY ACCESSIBLE SOFTSCAPE
77,775 SF

STORMWATER GARDENS & RIP RAP
33,733 SF

OTHER ACTIVATING USES
7,842 SF

PLAN AREA COMPARISONS

BCDC PERMITTED

USE:	AREA:
HARDSCAPE & CIRCULATION	74,710 SF
DIRECTLY ACCESSIBLE SOFTSCAPE	73,146 SF
STORMWATER GARDENS & RIP RAP	31,663 SF
OTHER ACTIVATING USES	11,325 SF



GATEWAY PLAZA 20,020 sf	GREAT LAWN 42,309 sf	STORMWATER TREATMENT GARDEN 18,261 sf	COMMERCIAL STRUCTURES 5,100 sf
MULTI-USE TRAILS & PEDESTRIAN CIRCULATION 49,668 sf	ACTIVE RECREATION & FAMILY PLAY 30,836 sf	EXISTING RIPRAP SHORELINE 13,402 sf	ACTIVE EDGE 6,225 sf
PICNIC AREA 5,022 sf			

HARDSCAPE & CIRCULATION 74,710 SF	DIRECTLY ACCESSIBLE SOFTSCAPE 73,146 SF	STORMWATER GARDENS & RIP RAP 31,663 SF	OTHER ACTIVATING USES 11,325 SF
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PROPOSED

USE:	AREA:	AREA DELTA:
HARDSCAPE & CIRCULATION	73,622 SF	-1088 SF
DIRECTLY ACCESSIBLE SOFTSCAPE	77,775 SF	+4,629 SF
STORMWATER GARDENS & RIP RAP	31,733 SF	+70 SF
OTHER ACTIVATING USES	7,842 SF	-3,483 SF



GATEWAY PLAZA 24,427 sf	GREAT LAWN 42,837 sf	PLANTING 10,522 sf	COMMERCIAL STRUCTURES 1,761 sf
MULTI-USE TRAILS & PEDESTRIAN CIRCULATION 40,786 sf	ACTIVE RECREATION & FAMILY PLAY 21,766 sf	STORMWATER TREATMENT GARDEN 11,322 sf	ACTIVE EDGE 6,081 sf
PICNIC AREA 8,410 sf	COASTAL SCRUB GARDENS 13,172 sf	EXISTING RIPRAP SHORELINE 1,464 sf	TIDAL SHELVES 8,395 sf

HARDSCAPE & CIRCULATION 73,622 SF	DIRECTLY ACCESSIBLE SOFTSCAPE 77,775 SF	STORMWATER GARDENS & RIP RAP 33,733 SF	OTHER ACTIVATING USES 7,842 SF
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