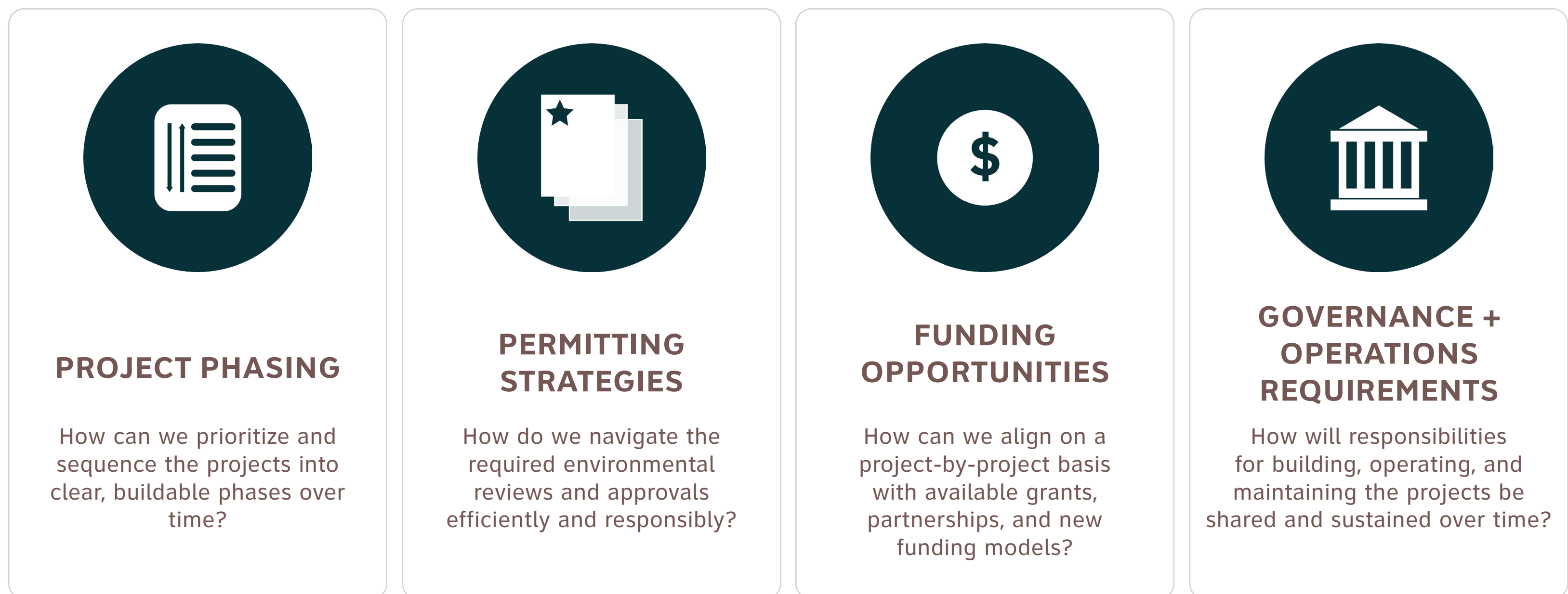


PROJECT OVERVIEW

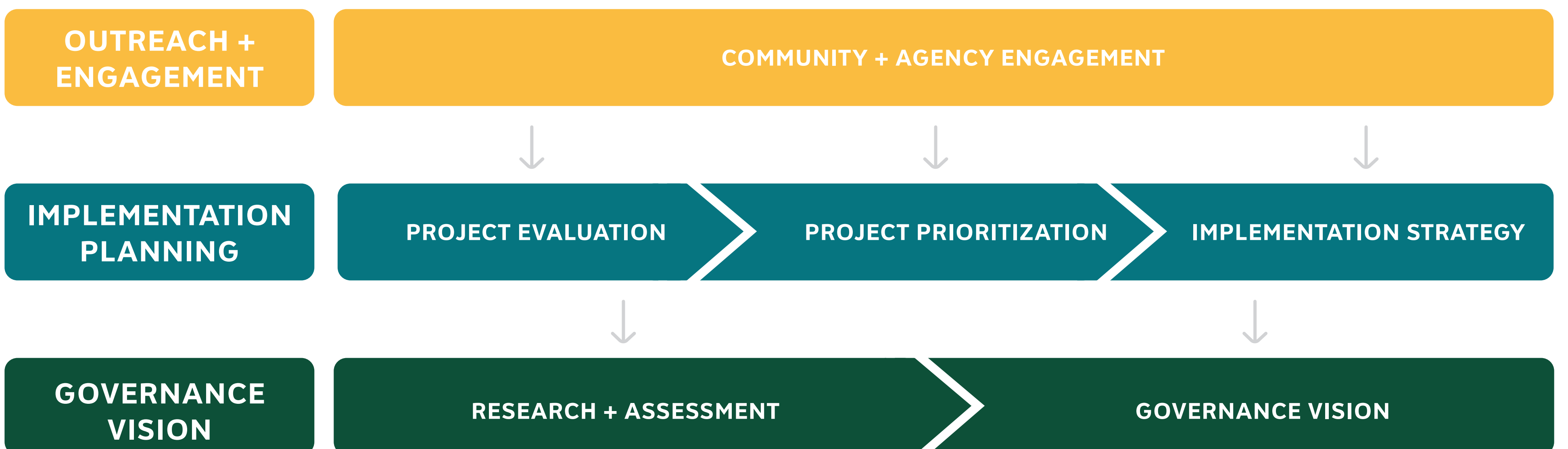


DELIVERABLES



PROCESS OVERVIEW

OUR PLANNING PROCESS, BUILDING ON THE PROJECTS IDENTIFIED IN THE 2021 MASTER PLAN, INCLUDES:



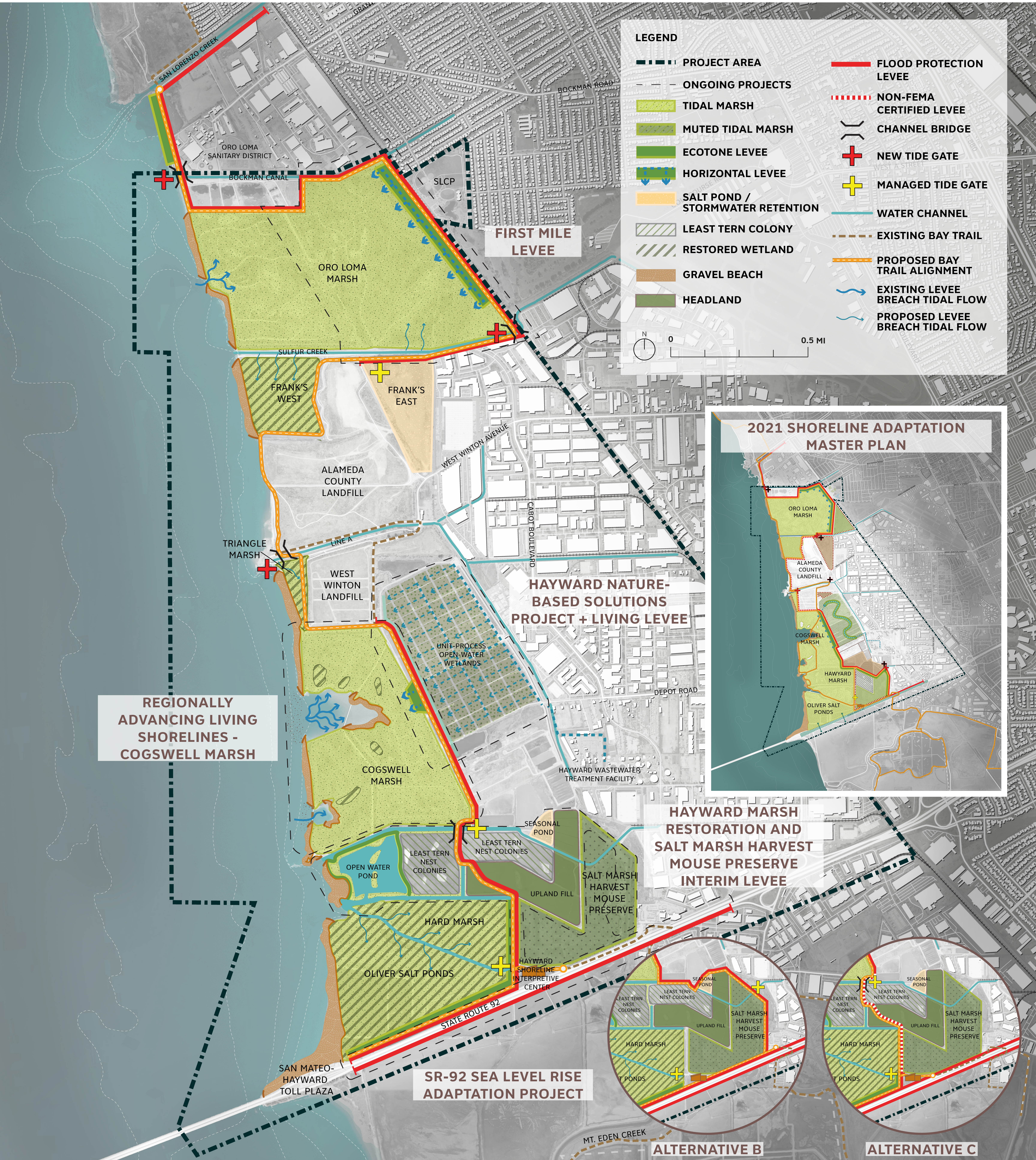
AUGUST 2025

DEC 2026



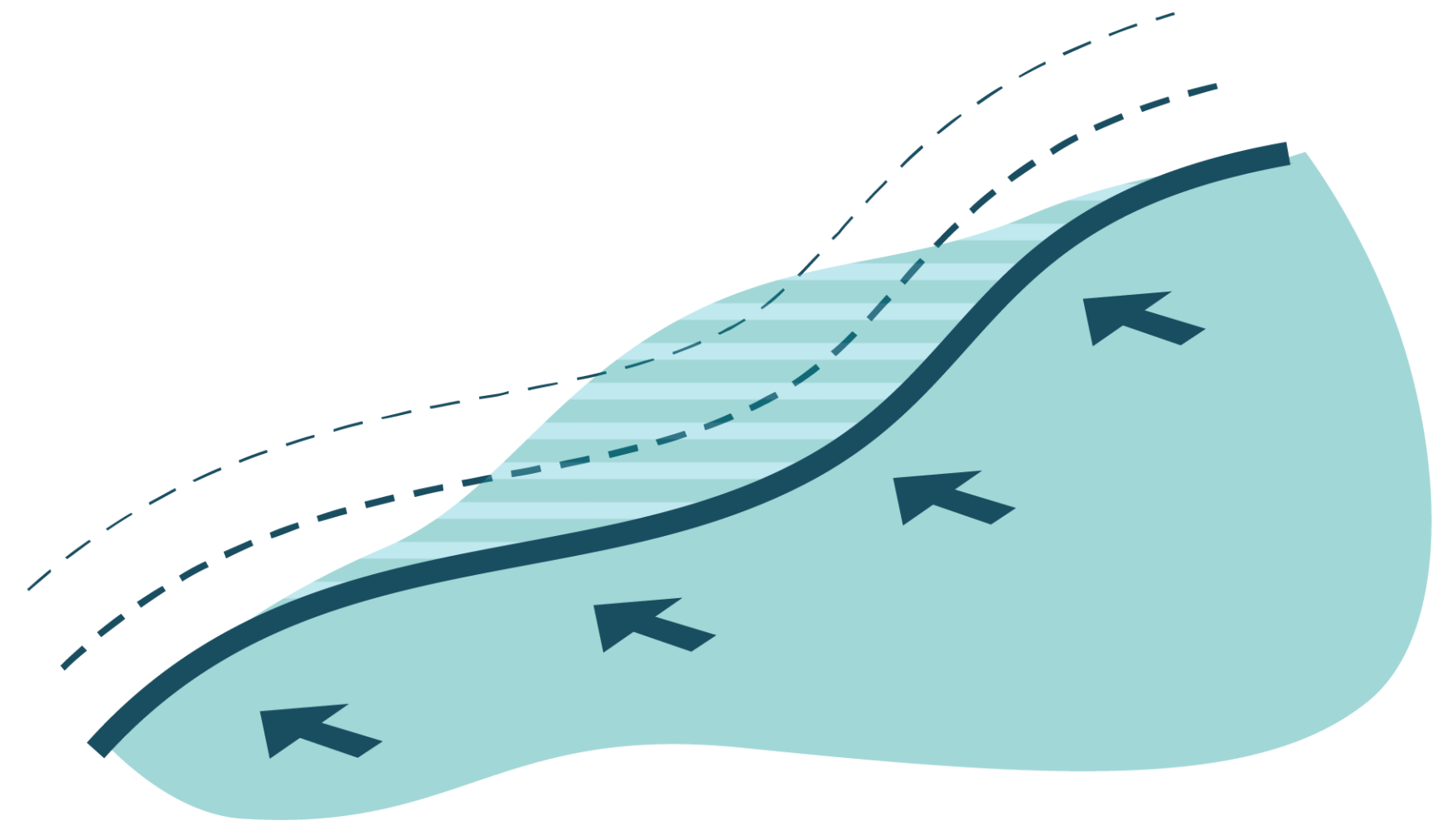
2026 UPDATED SHORELINE MASTER PLAN

The updated Shoreline Adaptation Plan reconciles the 2021 Master Plan with ongoing projects and with adjusted stakeholder priorities and updated climate science. It balances risk reduction and ecological enhancement to foster a robust and layered system of shoreline adaptation. This updated configuration is based upon stakeholder feedback and updated technical information. Two alternate configurations for the southern portion of the project area are outlined below and provide additional flexibility to align with ongoing projects and permitting constraints.



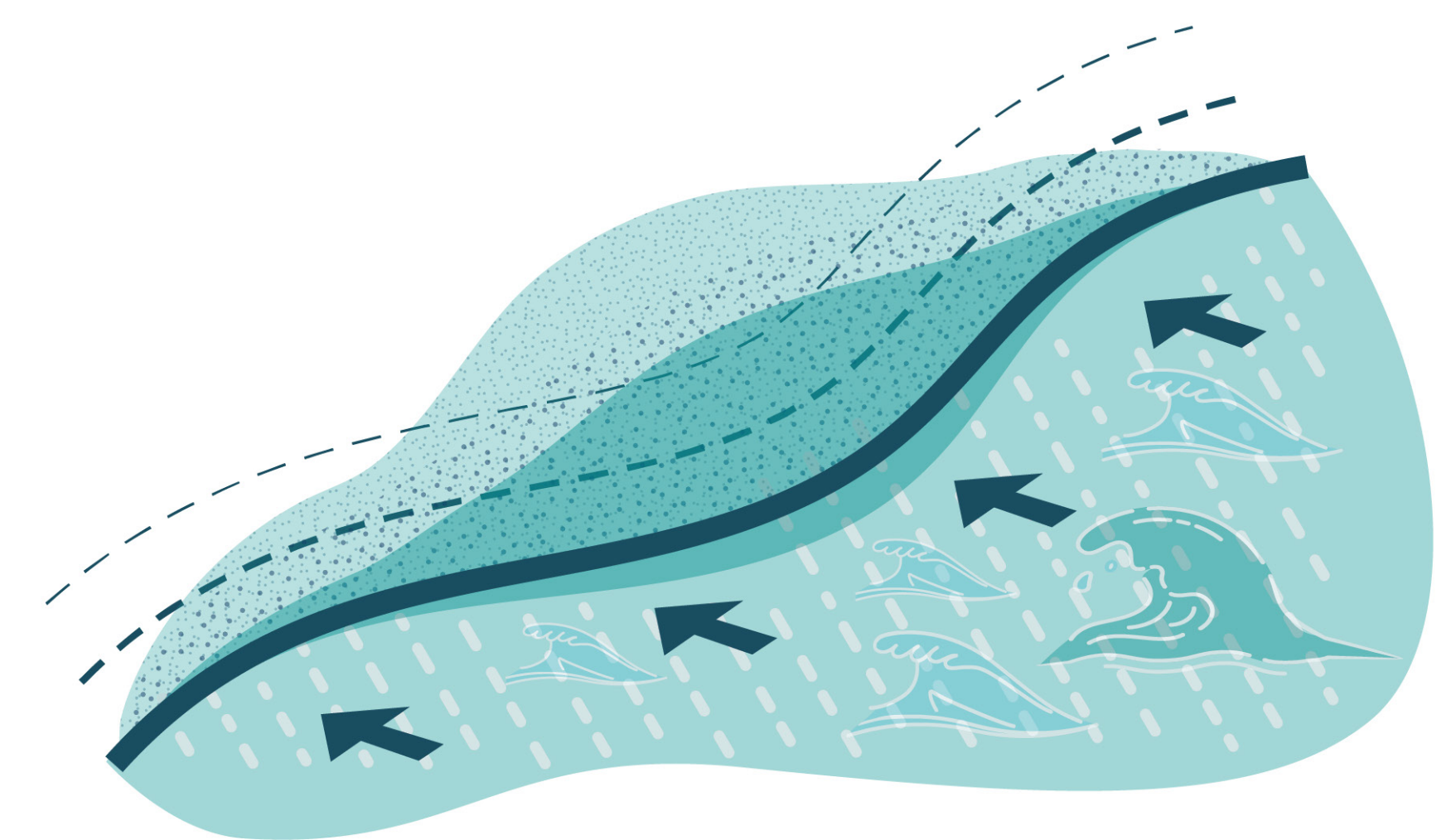
FLOOD ANALYSIS - WHAT IF WE DO NOTHING

TIDAL INUNDATION



Tidal inundation (also called high-tide flooding or “sunny day flooding”) is the temporary flooding of low-lying coastal land caused by exceptionally high tides — with no storm. As global sea level rises, high-tide inundation will become more frequent and severe.

COASTAL STORM SURGE



Coastal storm surge is an abnormal rise in water level along the shore caused by a storm — primarily driven by powerful winds pushing ocean water toward the coast, combined with the effects of low atmospheric pressure. Storm surges can be amplified by sea level rise, causing them to hit higher water levels and allowing them to reach farther inland causing impacts.

NO ACTION - FUTURE TIDAL INUNDATION (MHHW + SLR)

3.1' SEA LEVEL RISE - 2040



6.6' SEA LEVEL RISE - 2040



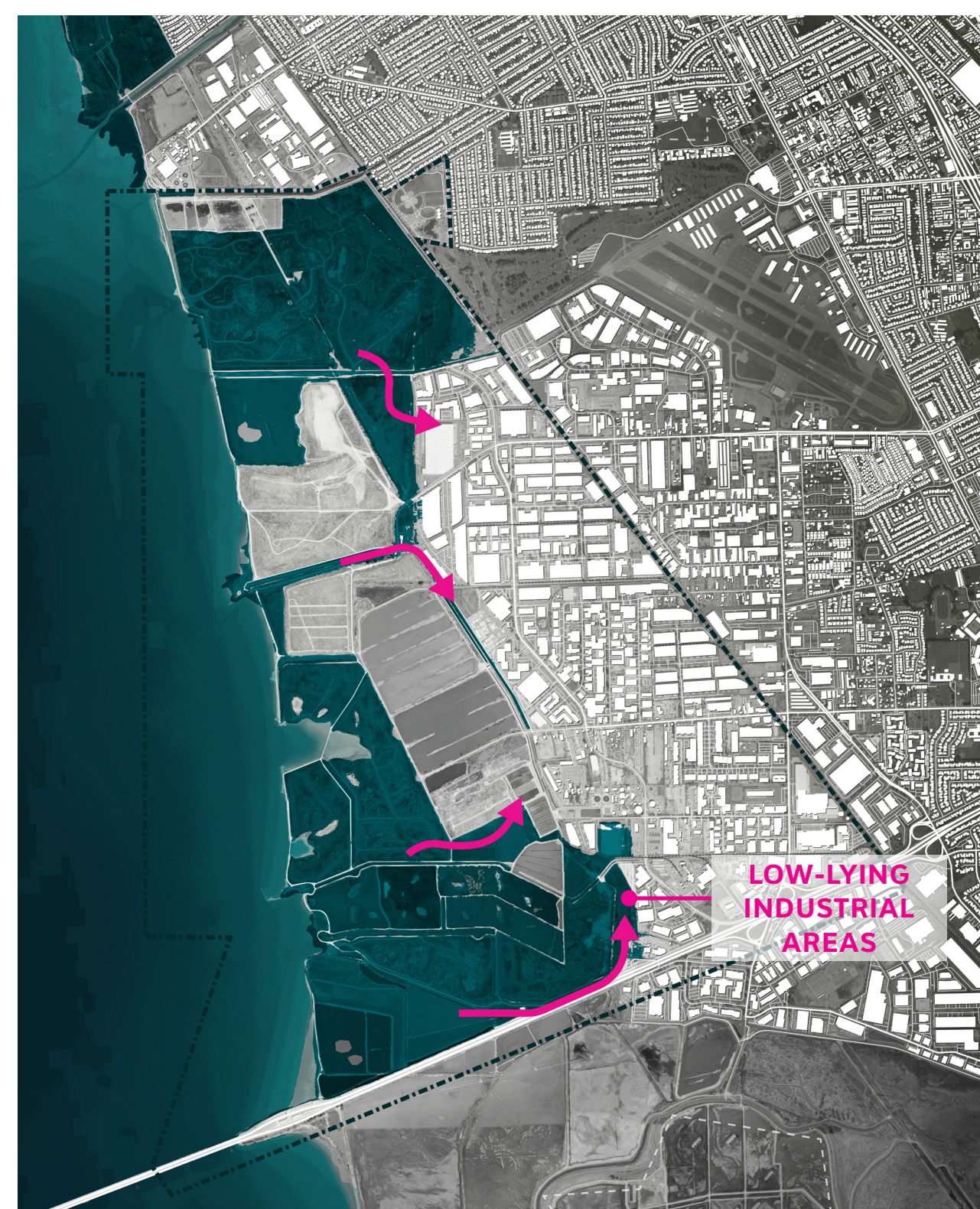
3.1' SEA LEVEL RISE - 2060



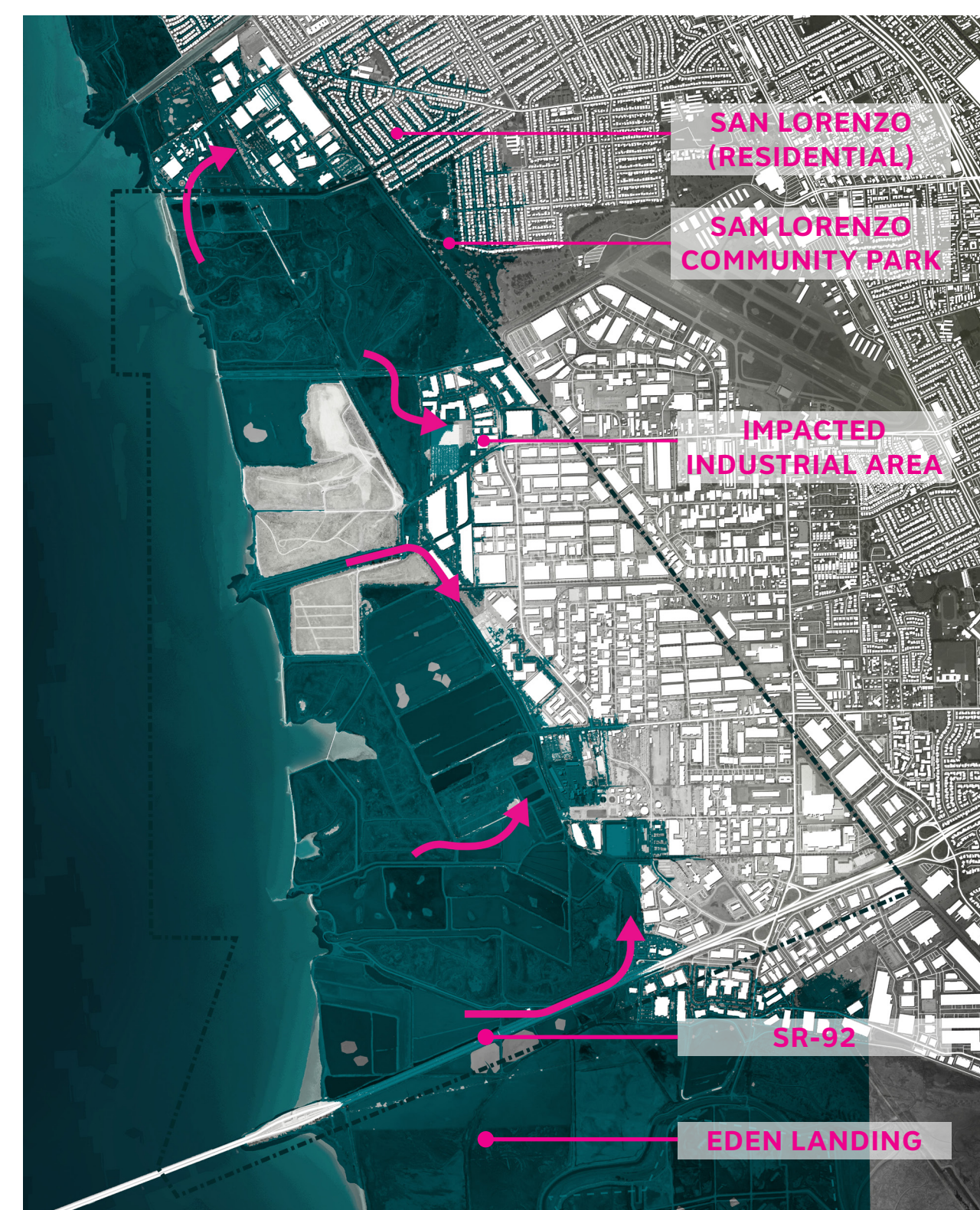
6.6' SEA LEVEL RISE - 2060



3.1' SEA LEVEL RISE - 2100

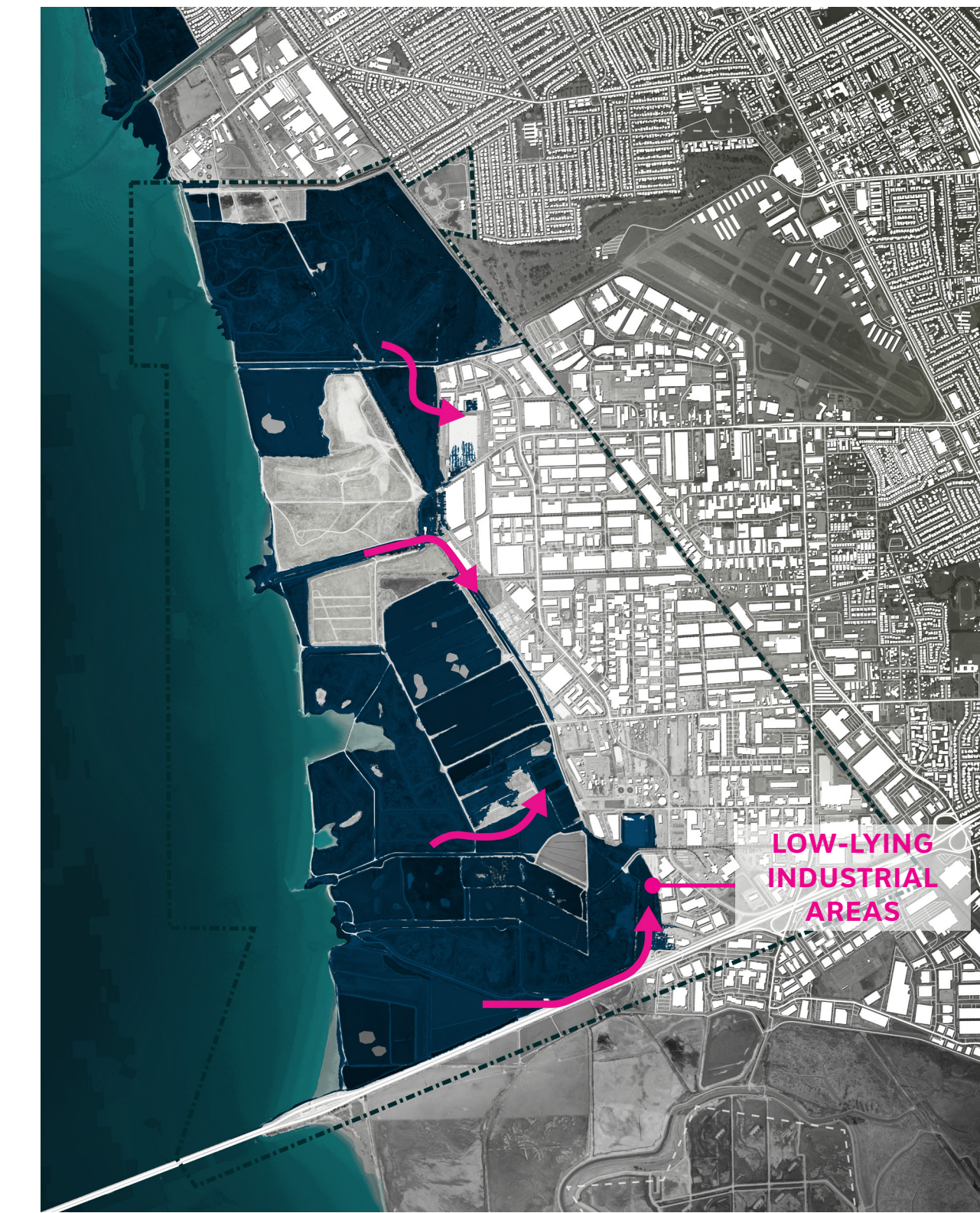


6.6' SEA LEVEL RISE - 2100

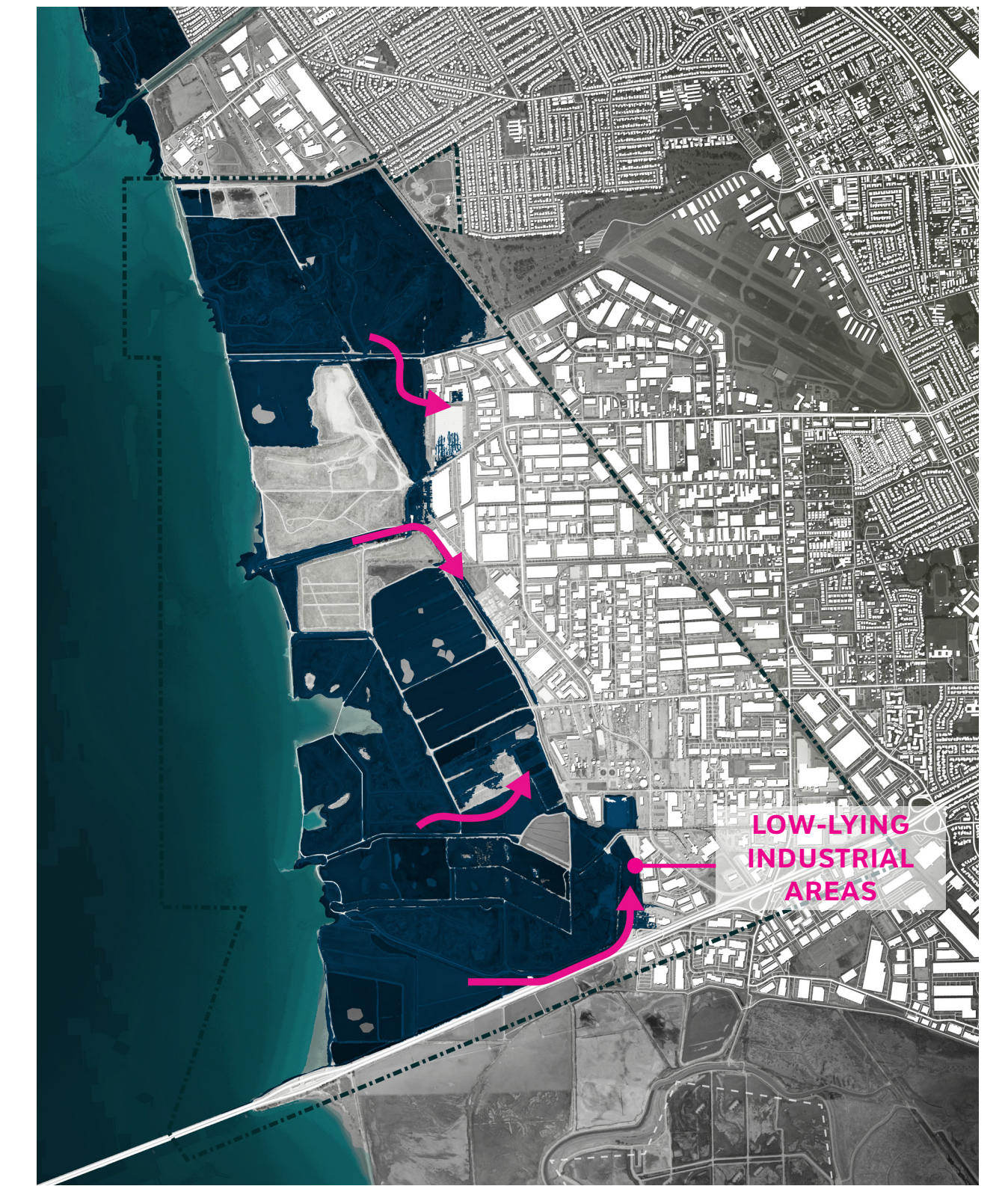


NO ACTION - SLR + 1% STORM EVENT

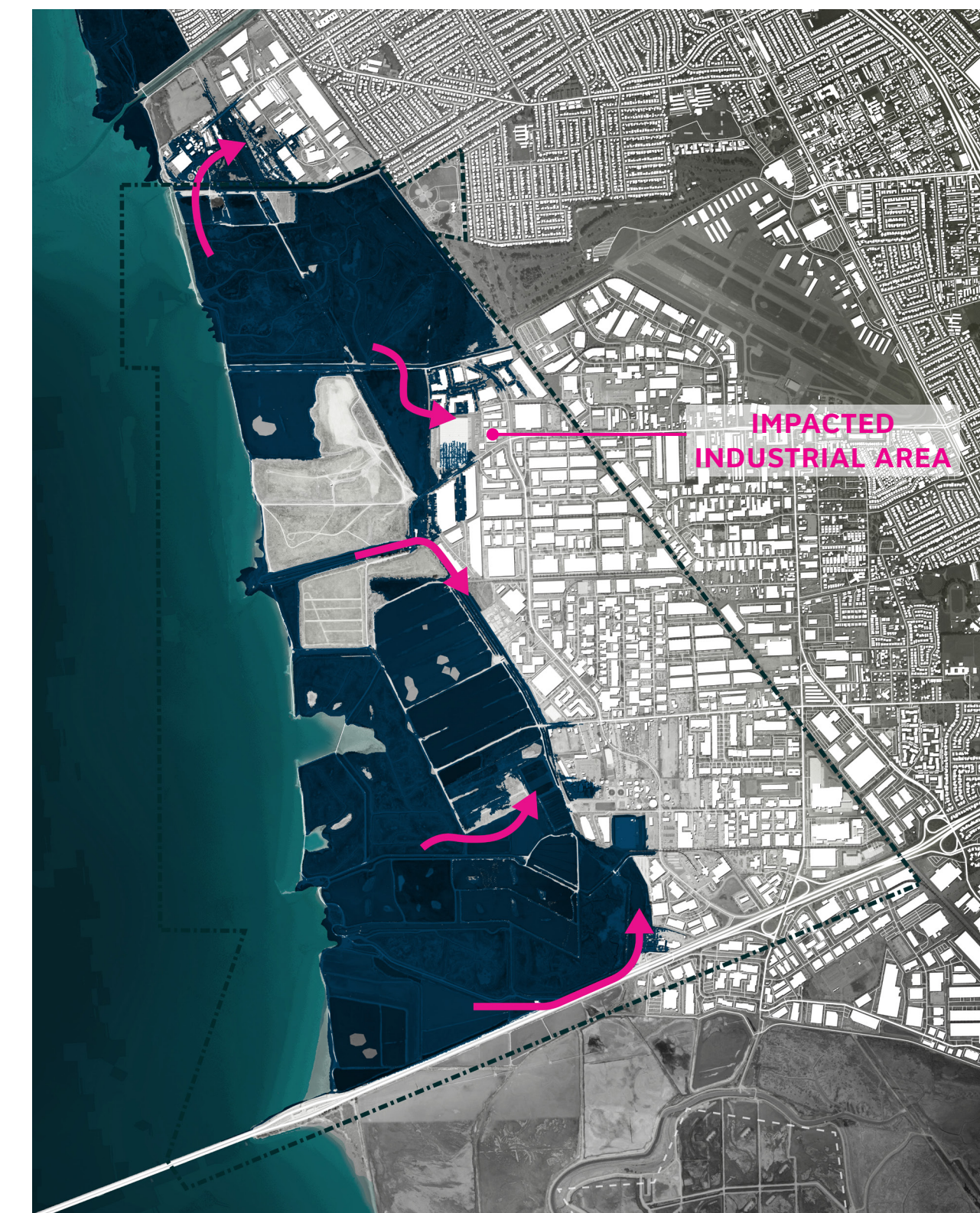
3.1' SEA LEVEL RISE - 2040



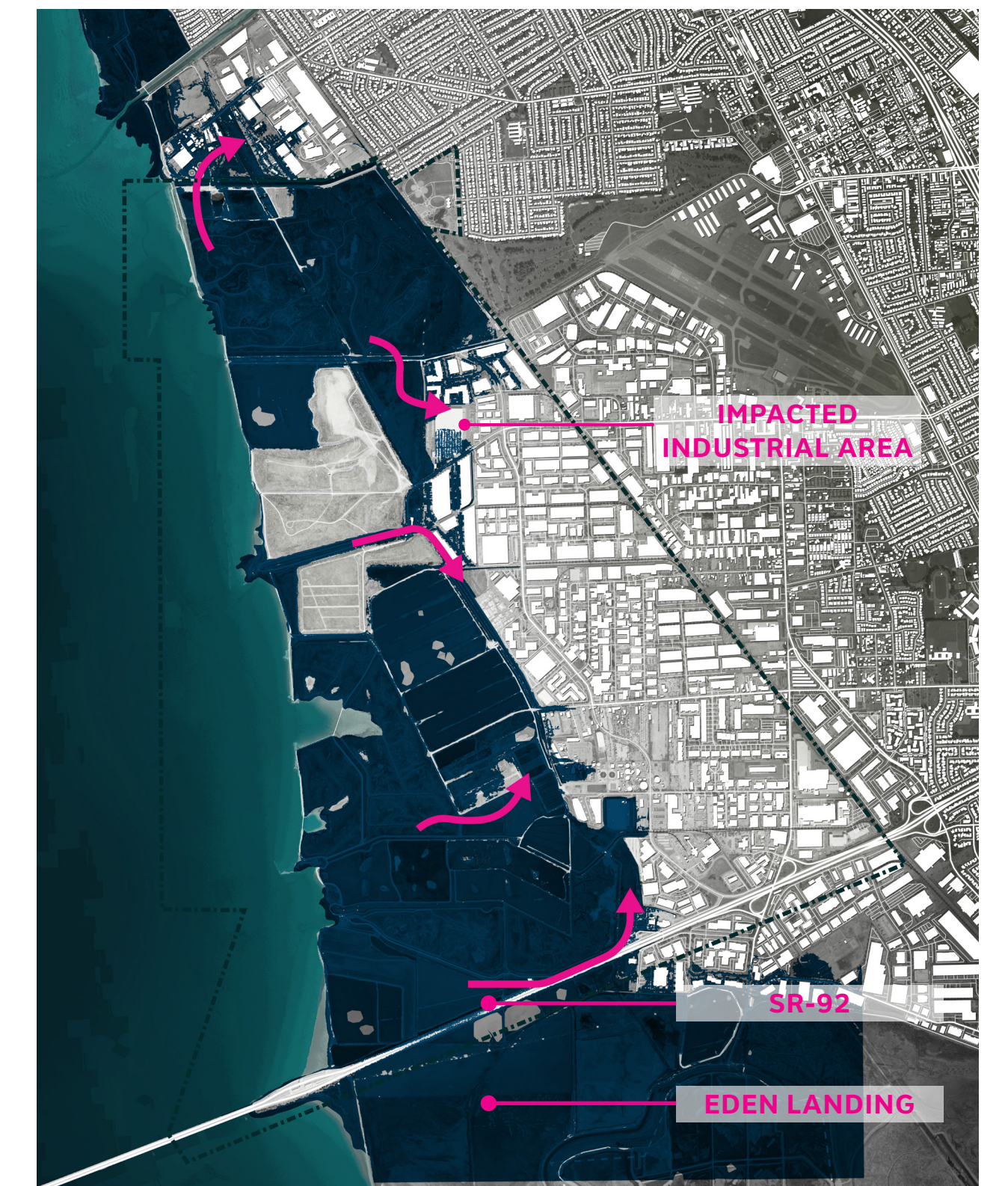
6.6' SEA LEVEL RISE - 2040



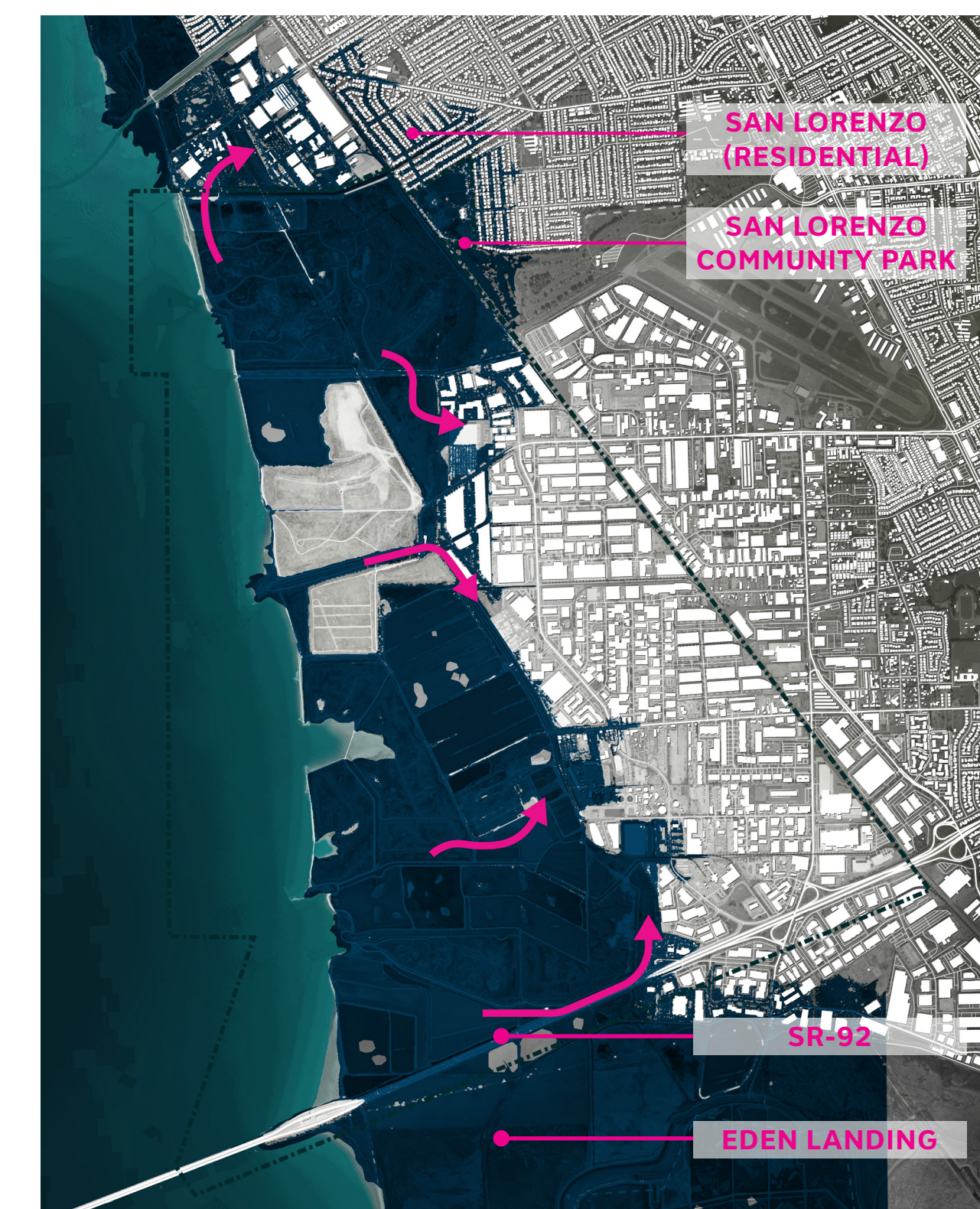
3.1' SEA LEVEL RISE - 2060



6.6' SEA LEVEL RISE - 2060



3.1' SEA LEVEL RISE - 2100

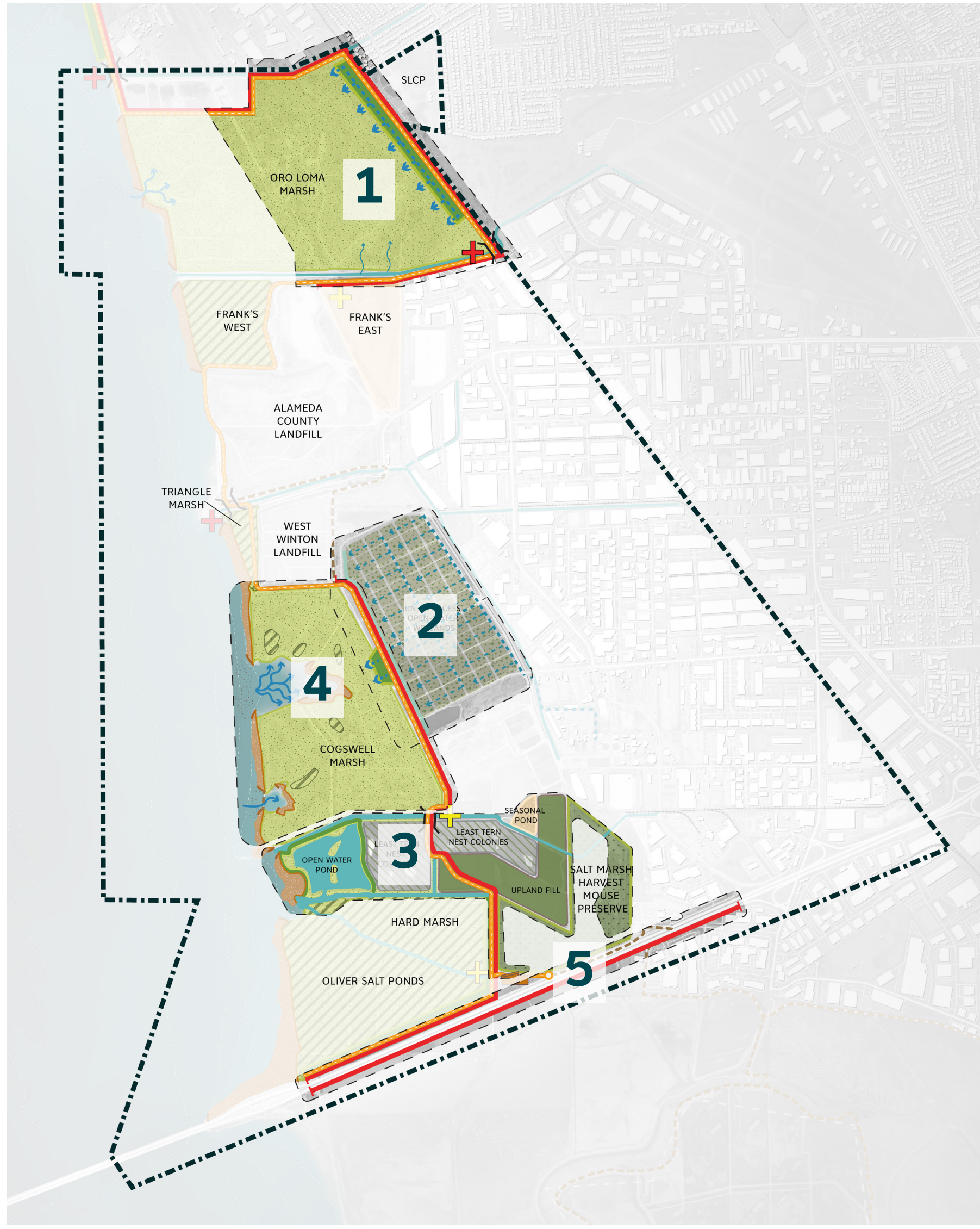


6.6' SEA LEVEL RISE - 2100



FLOOD ANALYSIS - ONGOING PROJECTS

ONGOING PROJECT LOCATIONS



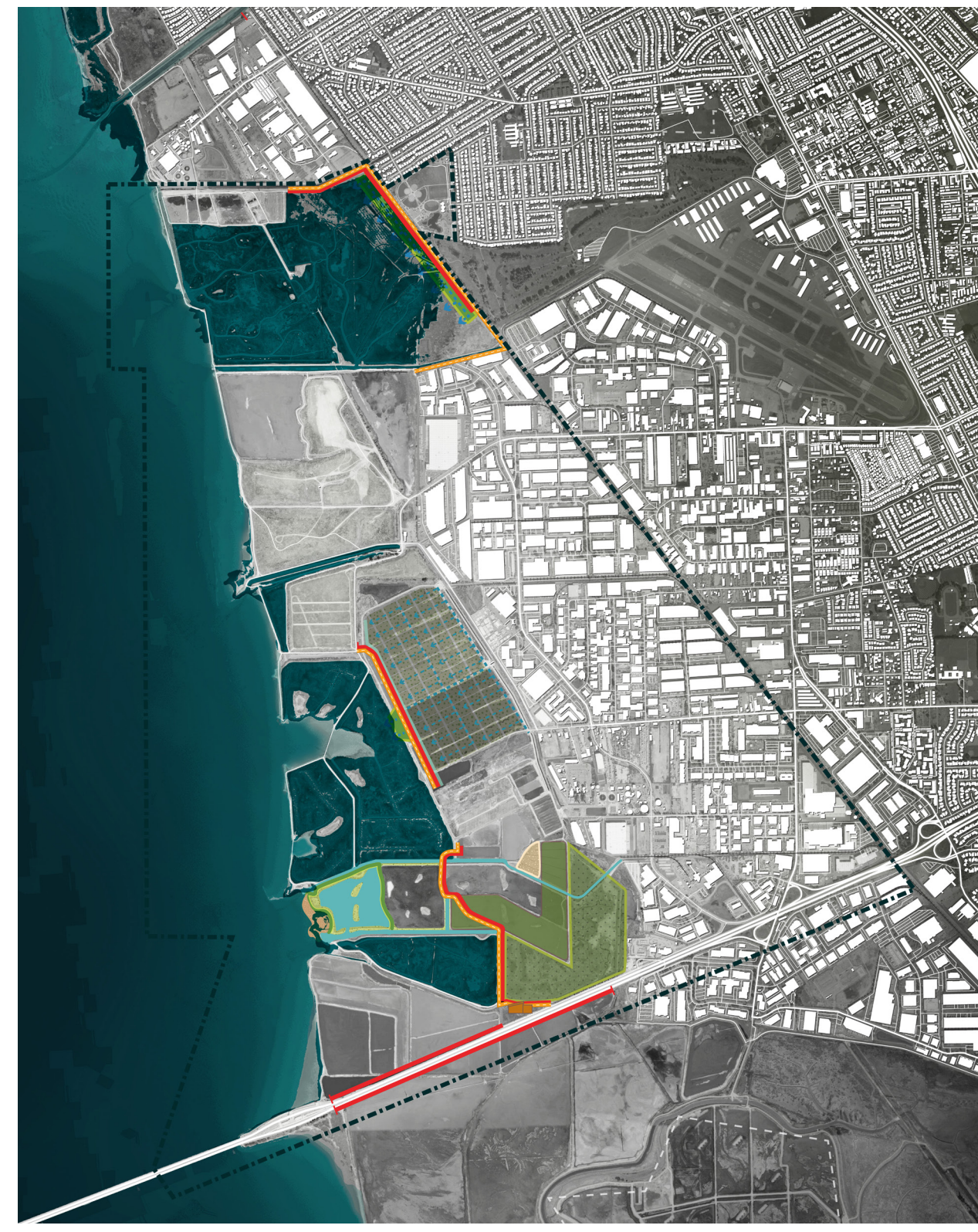
1. FIRST MILE LEVEE
2. HAYWARD NATURE-BASED SOLUTIONS PROJECT + LIVING LEVEE
3. HAYWARD MARSH RESTORATION AND SALT MARSH HARVEST MOUSE PRESERVE INTERIM LEVEE
4. REGIONALLY ADVANCING LIVING SHORELINES - COGSWELL MARSH
5. STATE ROUTE-92 SEA LEVEL RISE ADAPTATION PROJECT

ONGOING - FUTURE TIDAL INUNDATION (MHHW + SLR)

3.1' SEA LEVEL RISE - 2040



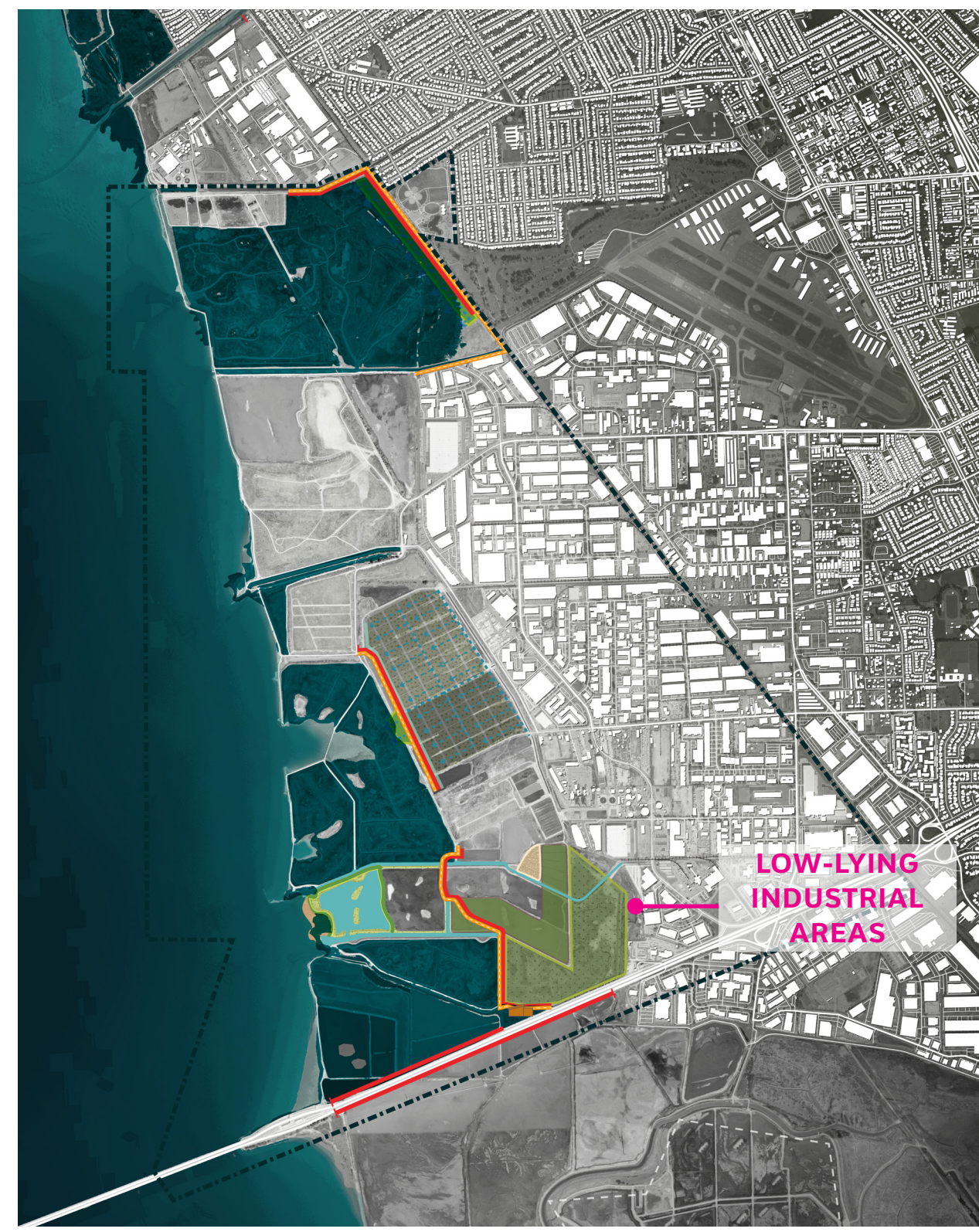
6.6' SEA LEVEL RISE - 2040



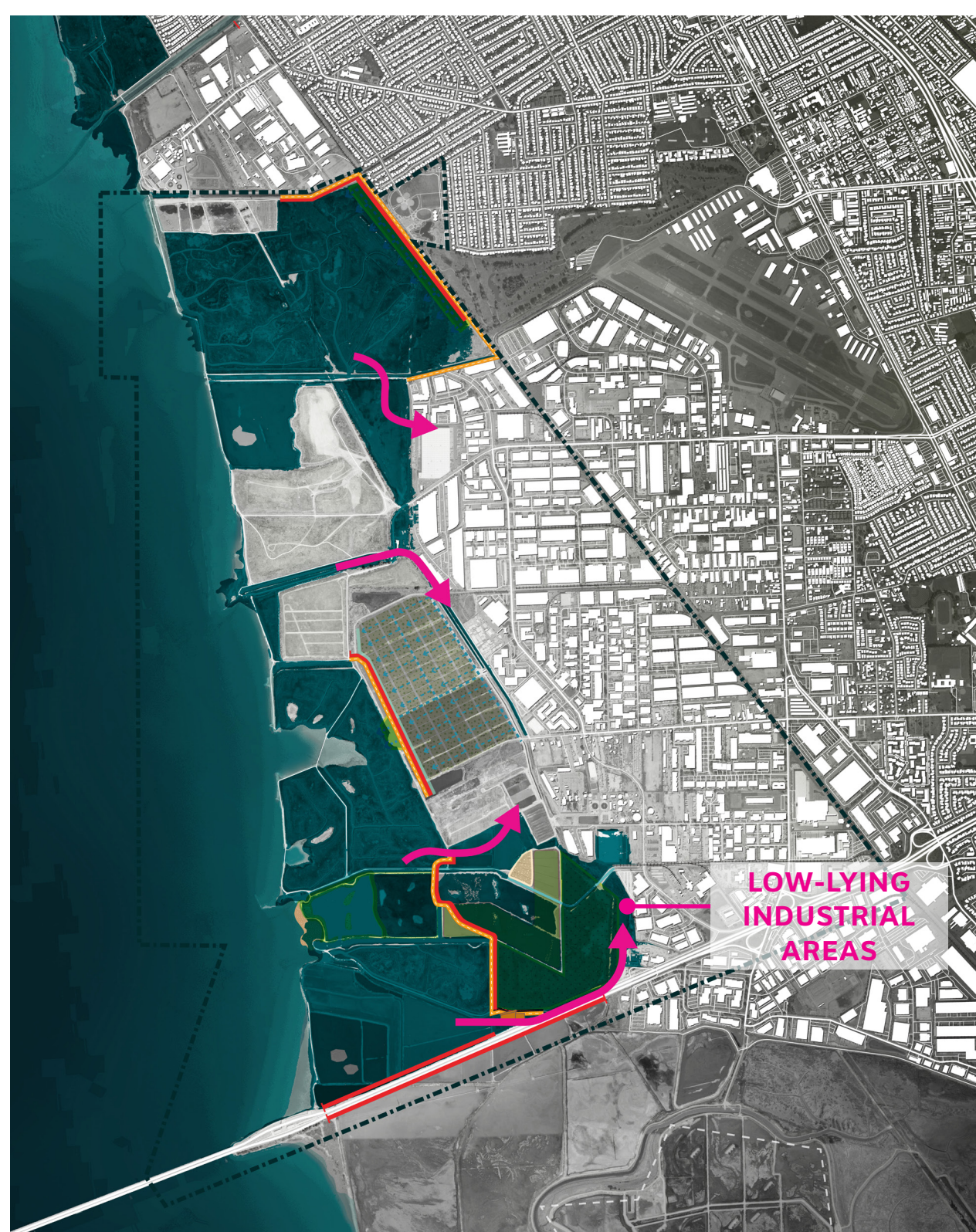
3.1' SEA LEVEL RISE - 2060



6.6' SEA LEVEL RISE - 2060



3.1' SEA LEVEL RISE - 2100

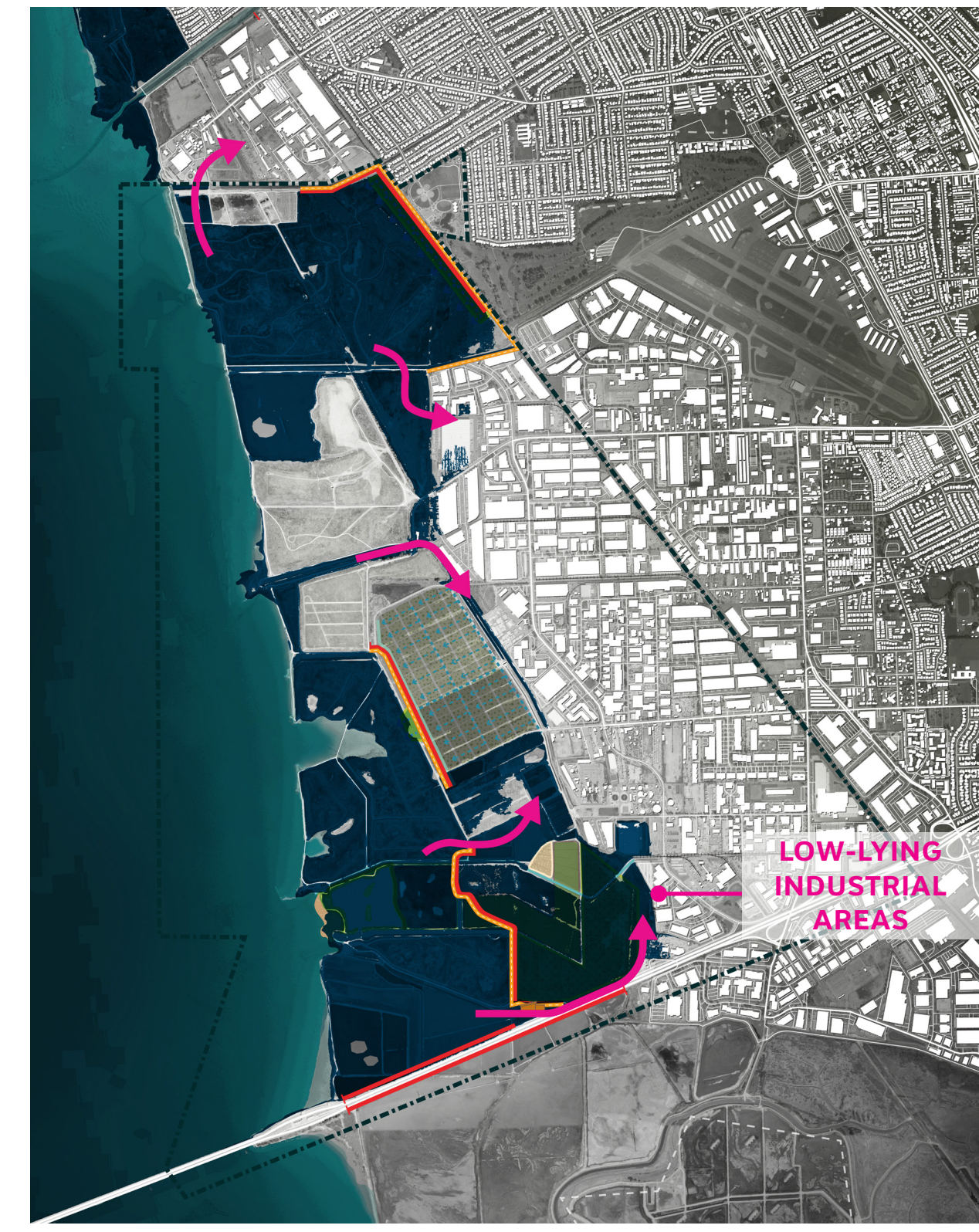


6.6' SEA LEVEL RISE - 2100

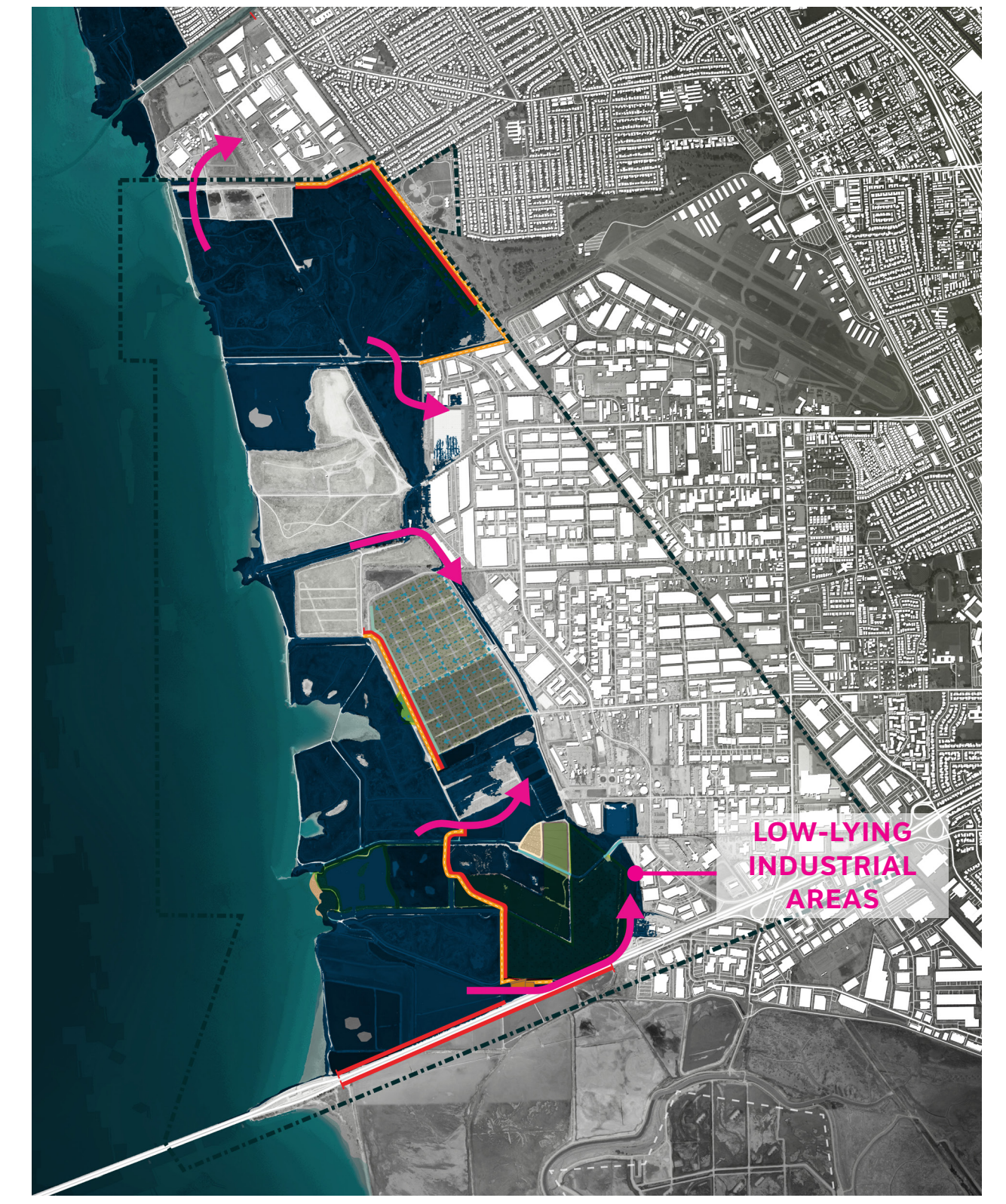


ONGOING - SLR + 1% STORM EVENT

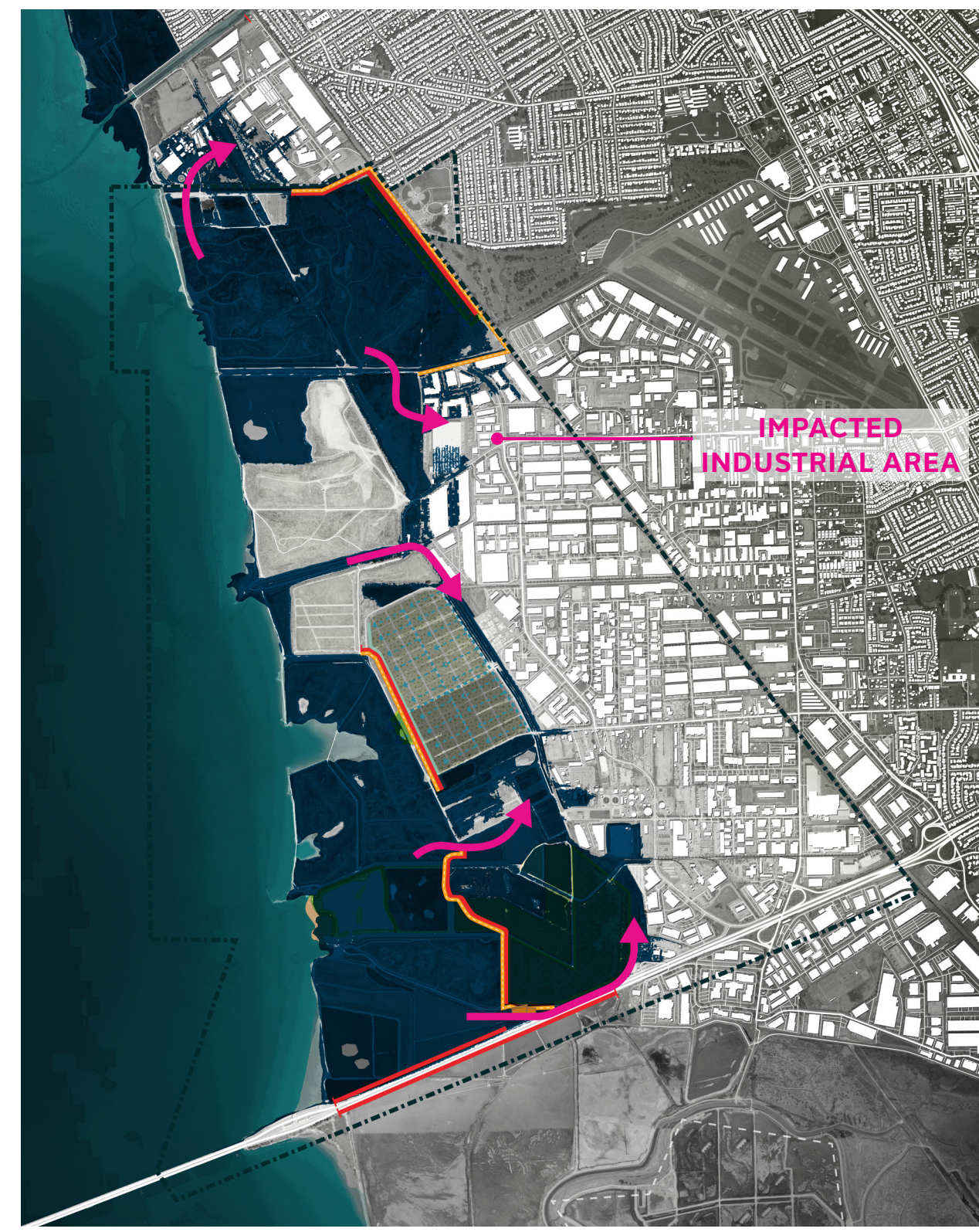
3.1' SEA LEVEL RISE - 2040



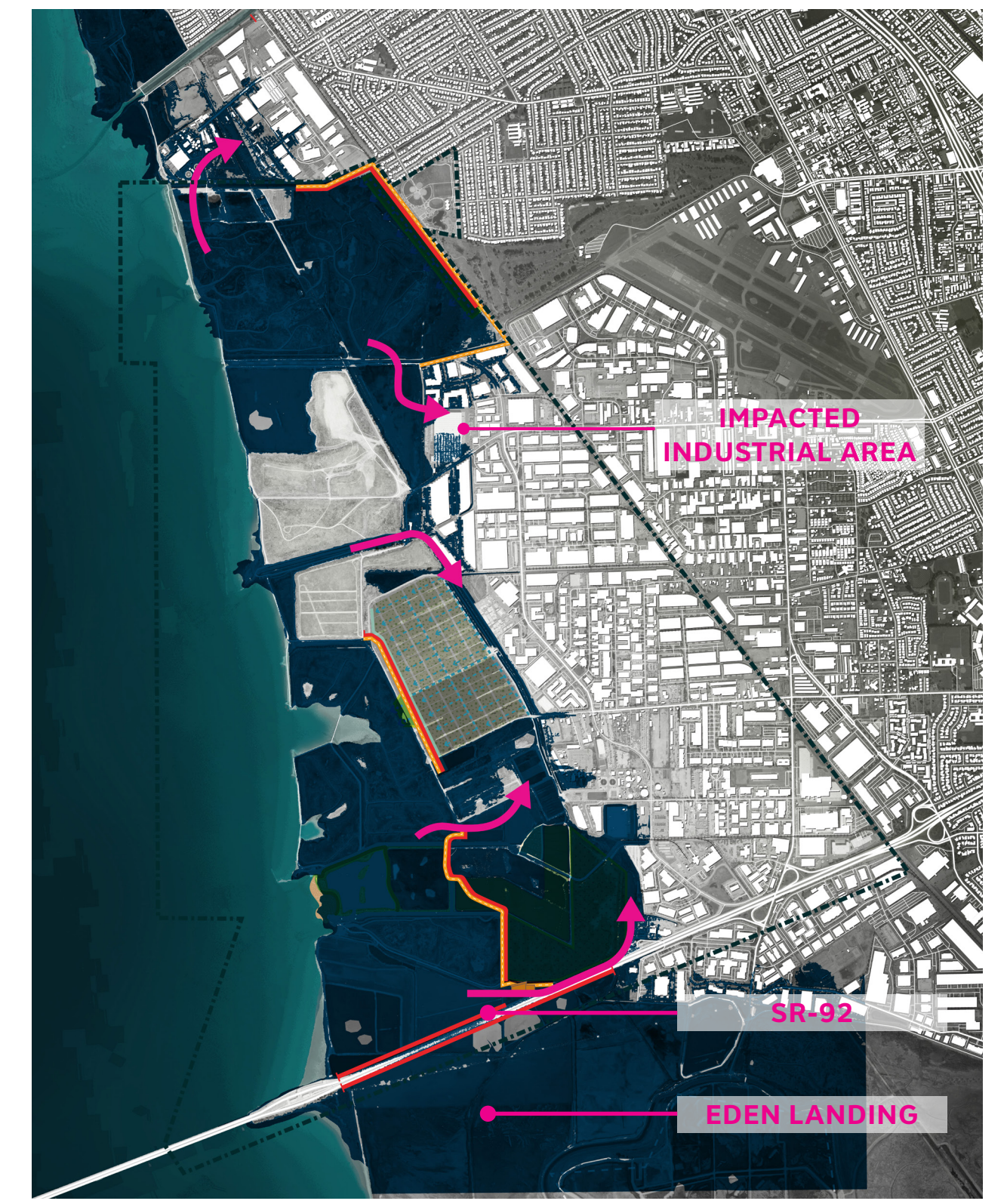
6.6' SEA LEVEL RISE - 2040



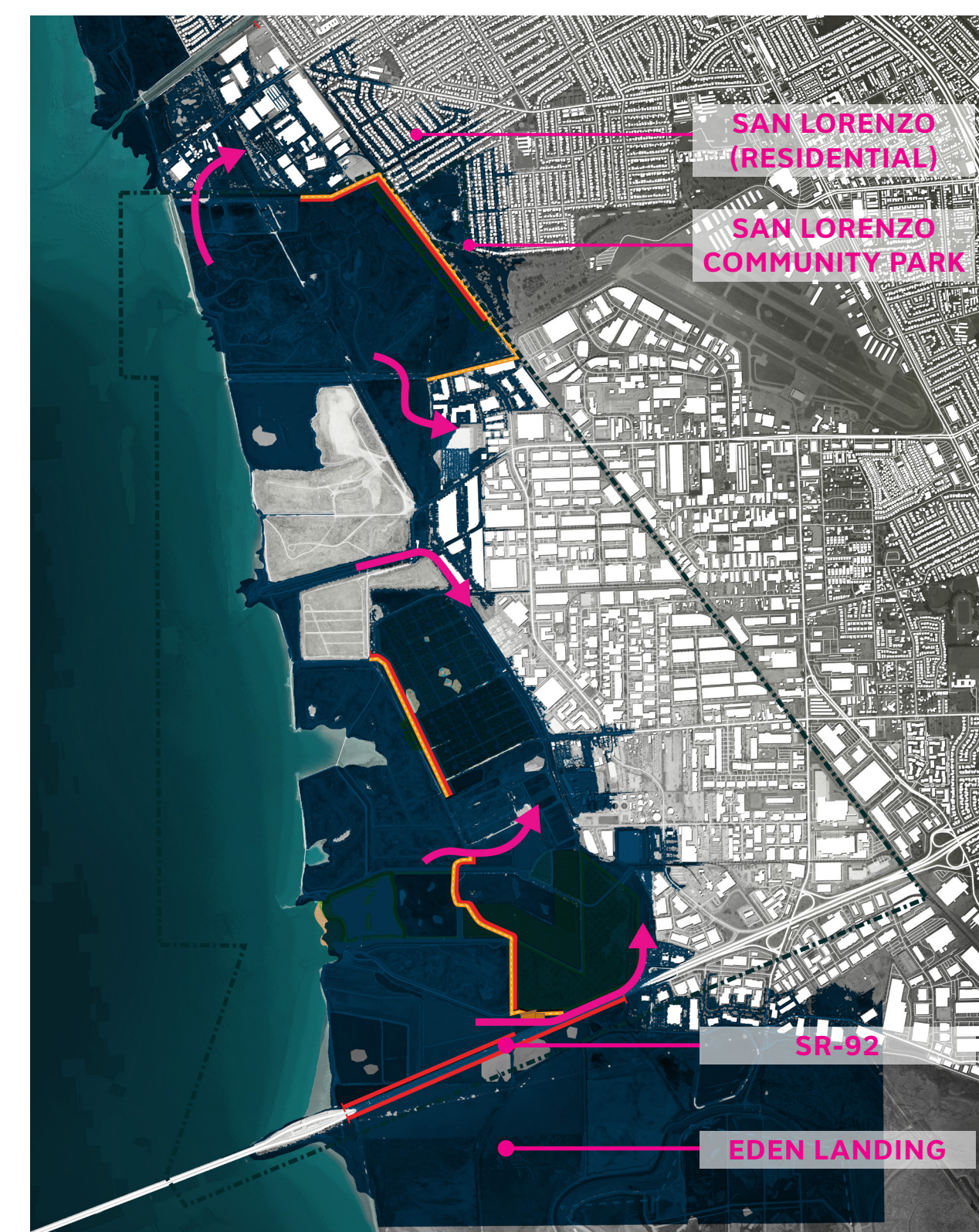
3.1' SEA LEVEL RISE - 2060



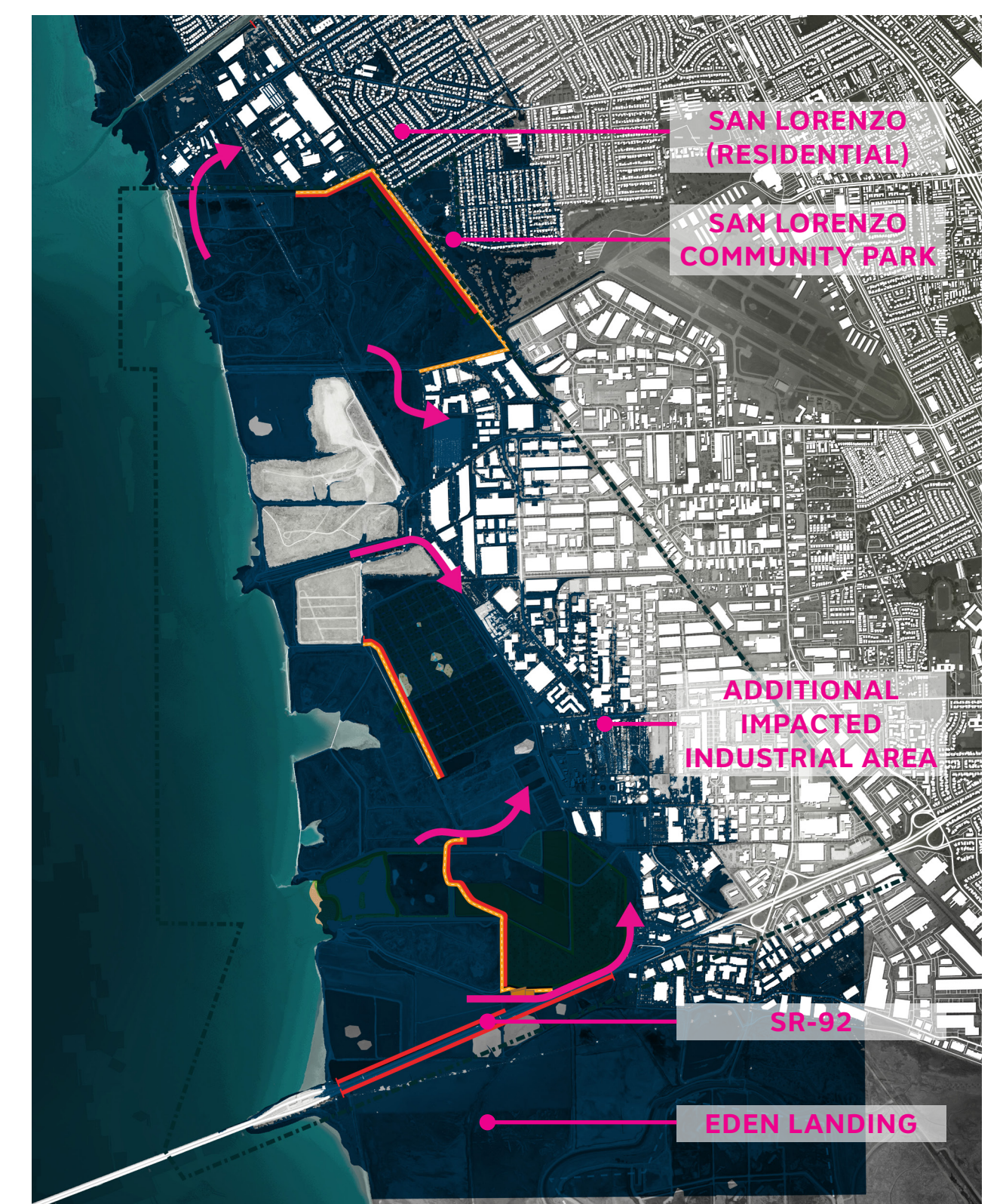
6.6' SEA LEVEL RISE - 2060



3.1' SEA LEVEL RISE - 2100



6.6' SEA LEVEL RISE - 2100



NOW

2040

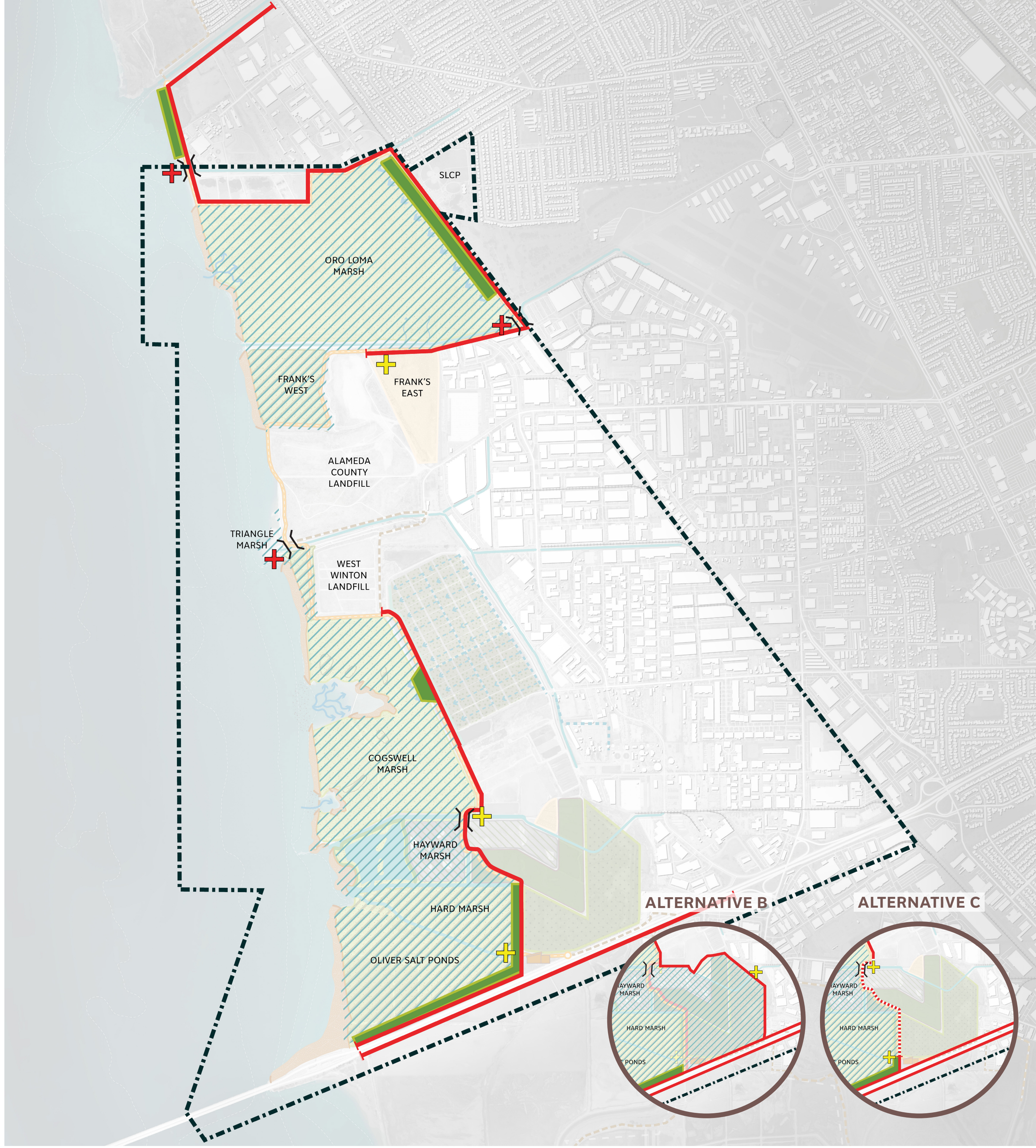
2060

2100

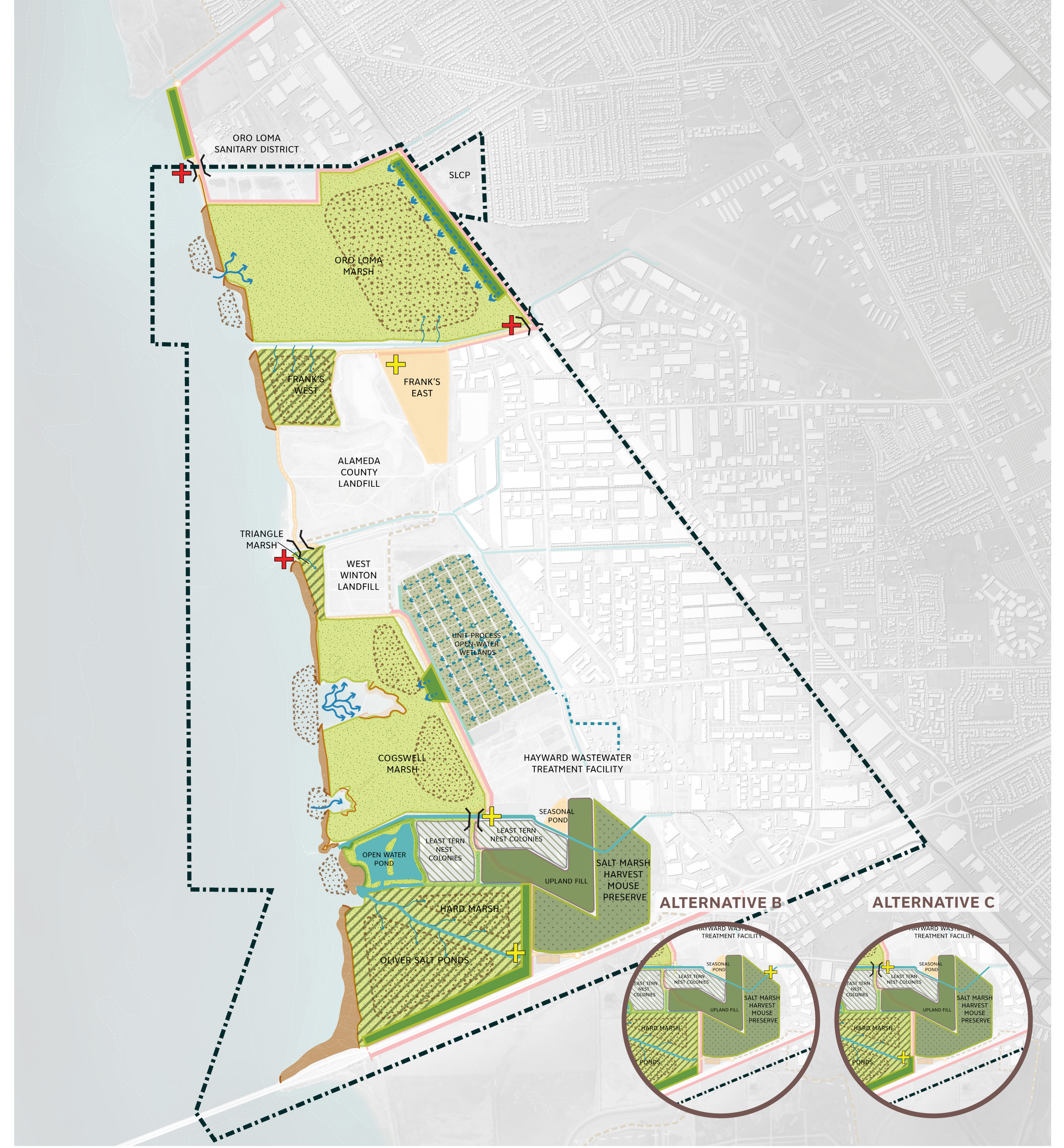
UNPACKING THE PLAN

The Preferred Alternative is a long-term vision that will be broken down into discrete projects that will be phased over time and align with the Master Plan Goals and Objectives. The Plan aims at reducing sea level rise-induced flood risk to critical infrastructure, built assets and ecosystems. The plan also proposes projects that will enhance habitats and ecologies through preservation and restoration initiatives. Finally the plan maintains access to recreational features and to the shoreline through the realignment of the Bay Trail.

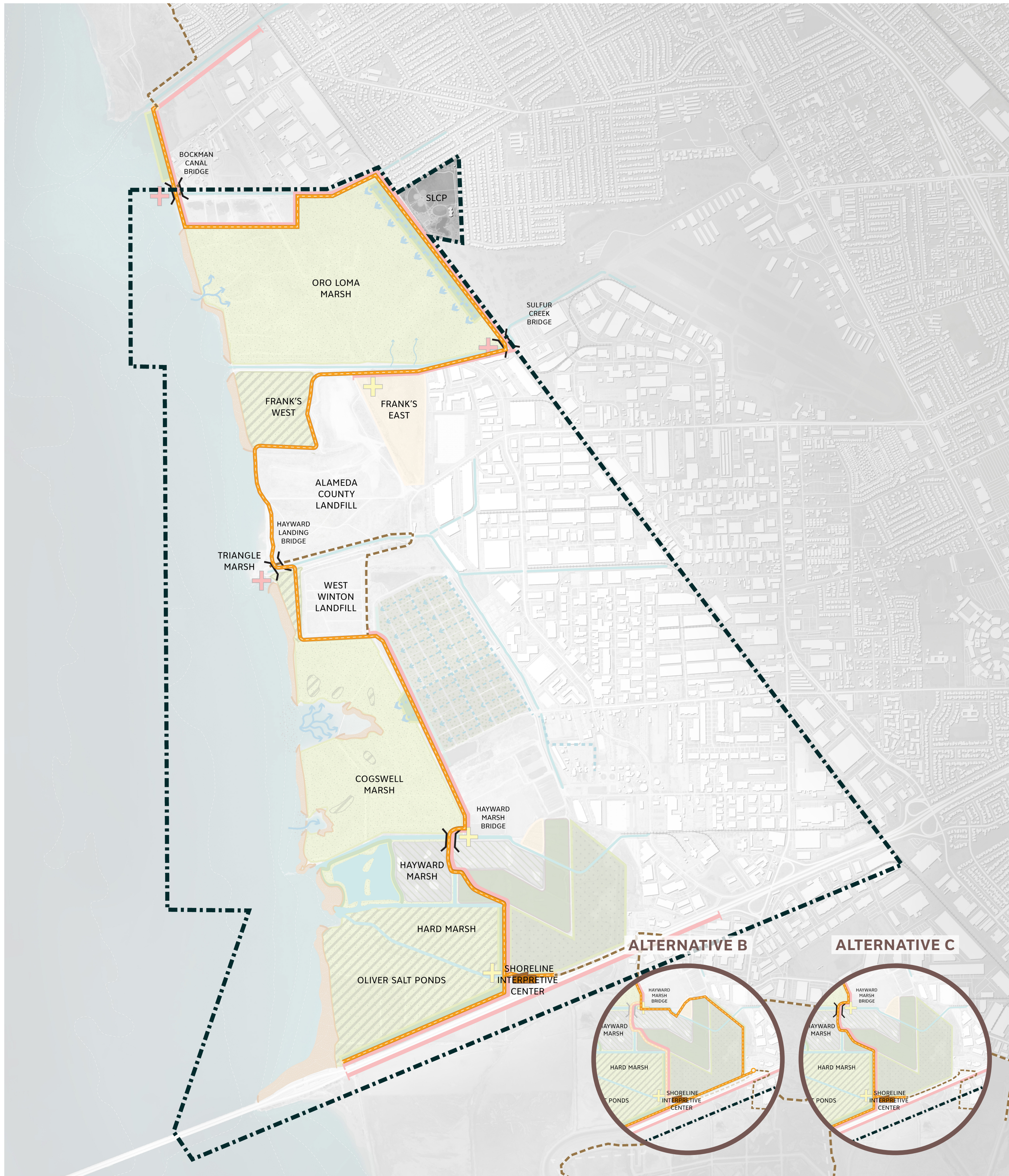
RISK REDUCTION



ECOLOGICAL ENHANCEMENT



RECREATION AND ACCESS



RISK REDUCTION

The line of protection will reduce risk to inland communities by buffering the shoreline against the impacts of sea level rise and storm surge.

ECOLOGICAL ENHANCEMENTS

A large extent of tidal habitat is enhanced outboard of the line of protection. Tidal marshes, existing and restored, would be monitored over time with an adaptive management plan that could use sediment augmentation to sustain healthy mudflat and marsh elevations in strategic areas.

RECREATION AND ACCESS

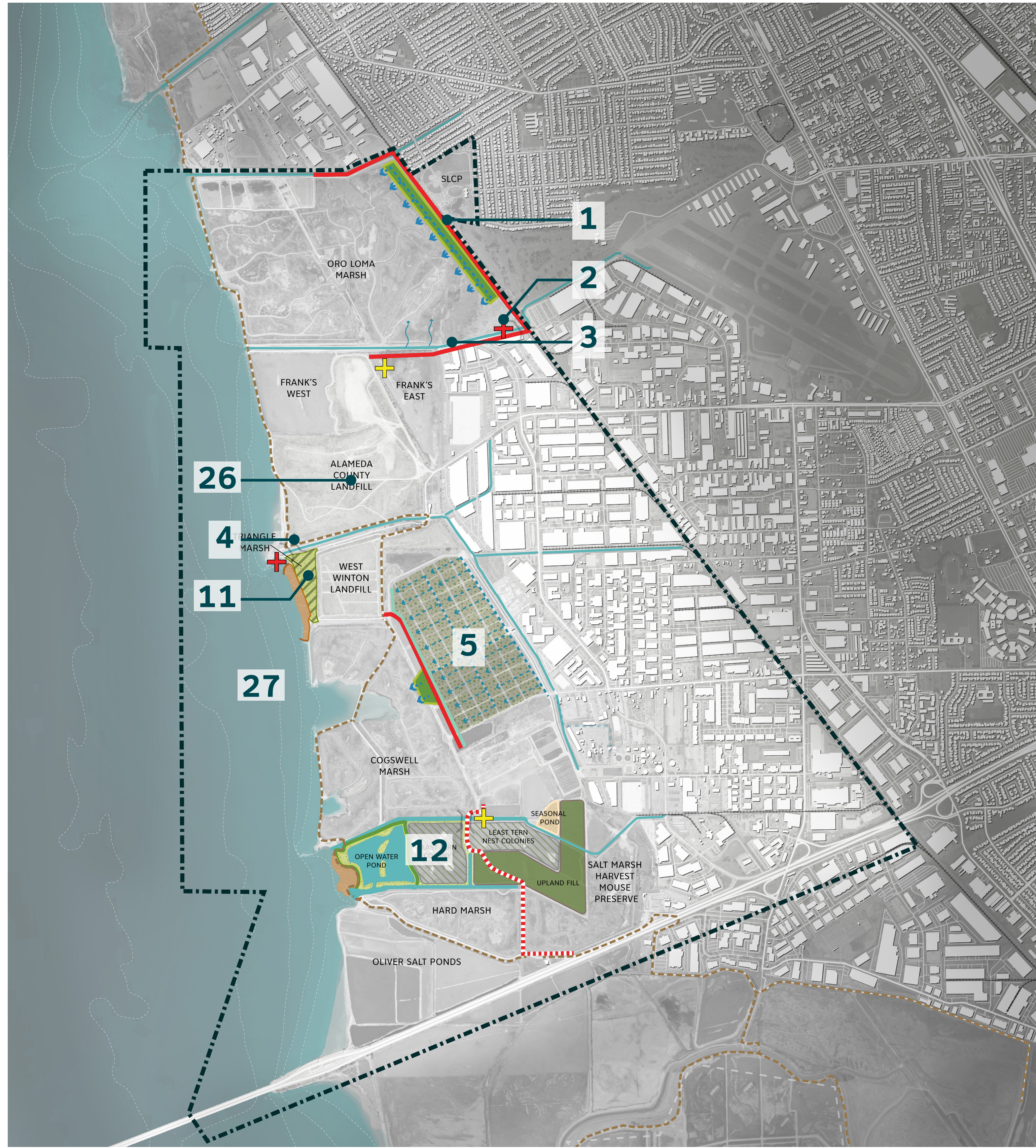
The future location of the Bay Trail reduces flood risk and prioritizes the blue water experience where possible, maintains a variety of experiences, and aligns with new infrastructure improvements. Furthermore, the future of Hayward Regional Shoreline's recreational assets are connected to new infrastructure improvements.

LEGEND

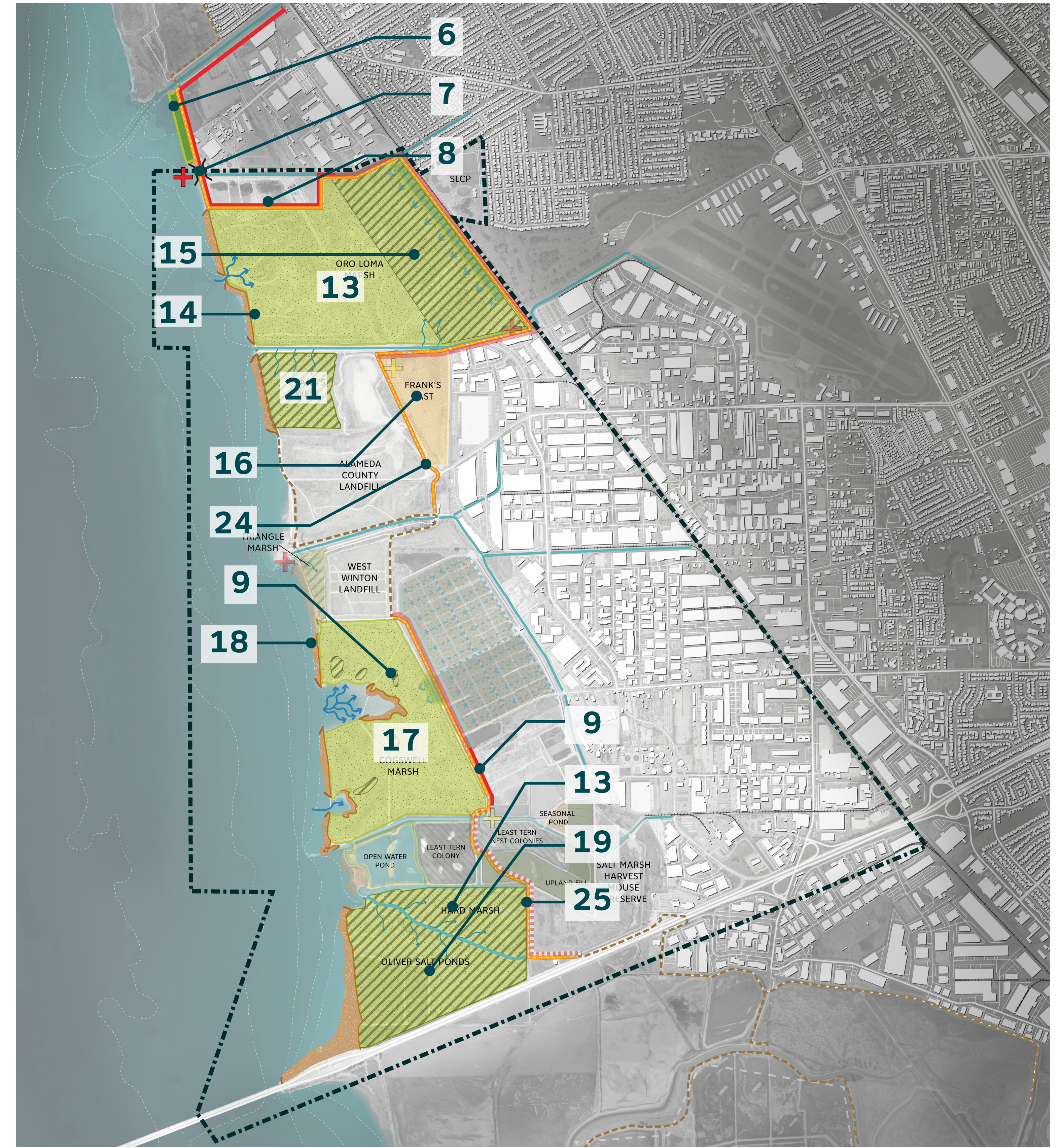
PROJECT AREA	TIDAL MARSH	AREA OUTSIDE LINE OF PROTECTION
FLOOD PROTECTION LEVEE	MUTED TIDAL MARSH	RESTORED WETLAND
NON-FEMA CERTIFIED LEVEE	GRAVEL BEACH	BRIDGES
EXISTING BAY TRAIL	ECOTONE LEVEE	TIDE GATE
PROPOSED BAY TRAIL ALIGNMENT	HORIZONTAL LEVEE	MANAGED TIDE GATE
	LEAST TERN COLONY	

HAYWARD SHORELINE ADAPTATION MASTER PLAN - PROJECT PRIORITIZATION

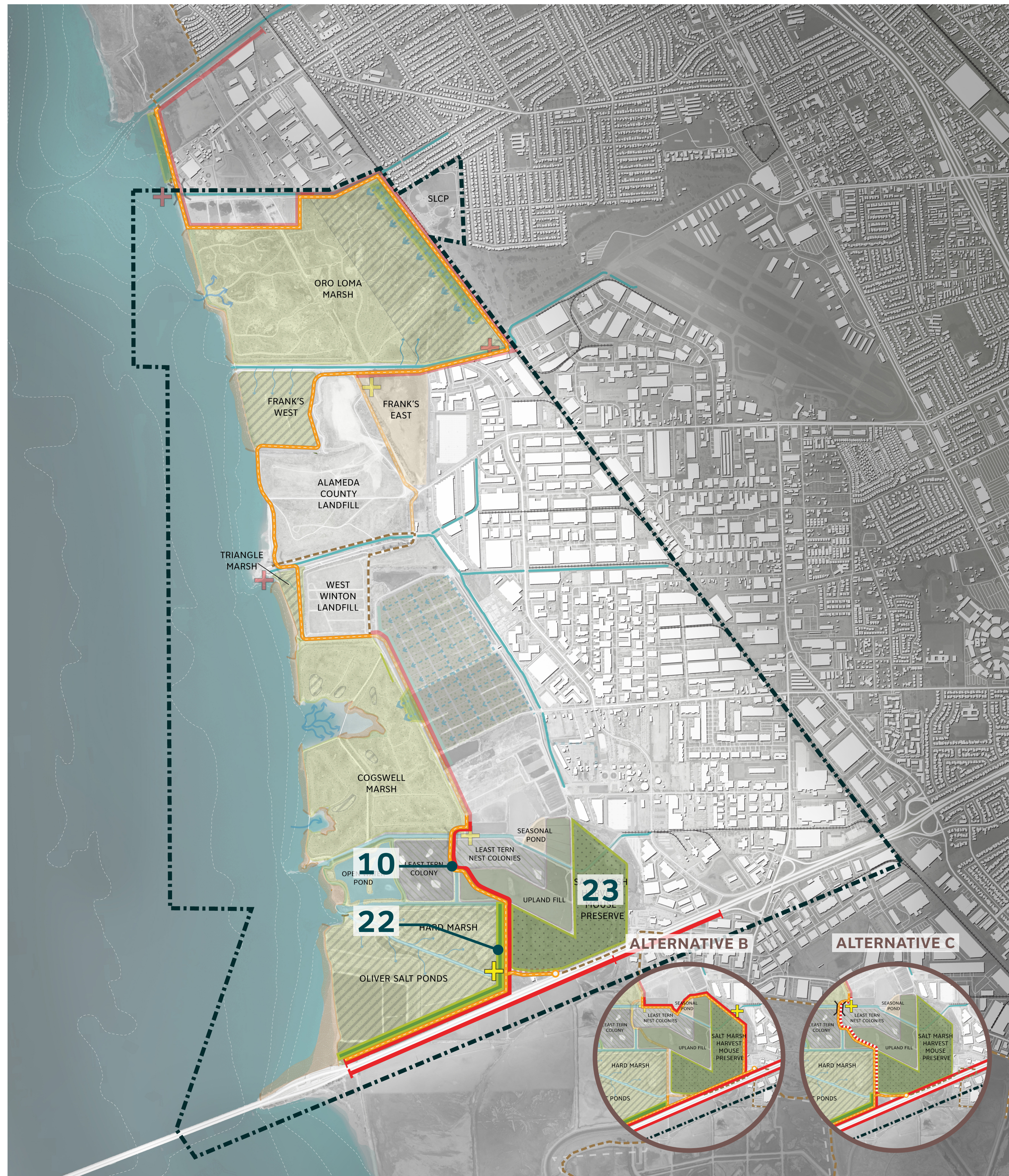
SHORT TERM (2025-2040)



MEDIUM TERM (2040 - 2060)



LONG TERM (2060+)



PROJECT LIST

RISK REDUCTION PROJECTS

- | | |
|--|---|
| 1. FIRST MILE LEVEE | 7. BOCKMAN CHANNEL TIDE GATE |
| 2. FRANK'S EAST LINE OF PROTECTION TIDE GATE | 8. ORO LOMA SLUDGE PONDS LINE OF PROTECTION |
| 3. FRANK'S EAST LINE OF PROTECTION | 9. NATURE-BASED SOLUTIONS PROJECT + SALT MARSH HARVEST MOUSE PRESERVE LINE OF PROTECTION CONNECTION |
| 4. LINE A TIDE GATE | 10. SALT MARSH HARVEST MOUSE PRESERVE LEVEE RETROFIT AND EXTENSION |
| 5. HAYWARD NATURE-BASED SOLUTIONS PROJECT + LIVING LEVEE | |
| 6. SAN LORENZO CREEK LINE OF PROTECTION | |

ECOLOGICAL ENHANCEMENT PROJECTS

- | | |
|---|---|
| 11. TRIANGLE MARSH RESTORATION | 18. COGSWELL MARSH GRAVEL BEACHES AND BERMS |
| 12. HAYWARD MARSH RESTORATION AND INTERIM LEVEE | 19. HARD MARSH RESTORATION |
| 13. ORO LOMA MARSH RESTORATION | 20. OLIVER SALT PONDS TIDAL MARSH RESTORATION |
| 14. ORO LOMA MARSH GRAVEL BEACHES AND BERMS | 21. FRANK'S WEST TIDAL MARSH RESTORATION |
| 15. ORO LOMA MARSH ADAPTIVE MANAGEMENT | 22. CALTRANS ECOTONE SLOPE |
| 16. FRANK'S EAST SALINAS RESTORATION | 23. SALT MARSH HARVEST MOUSE PRESERVE RESTORATION AND ADAPTIVE MANAGEMENT |
| 17. COGSWELL MARSH RESTORATION | |

RECREATION AND ACCESS PROJECTS

- | | |
|------------------------------------|------------------------------------|
| 24. ORO LOMA BAY TRAIL REALIGNMENT | 25. COGSWELL BAY TRAIL REALIGNMENT |
|------------------------------------|------------------------------------|

STUDIES AND ASSESSMENTS

- | | |
|---------------------------------------|---|
| 26. LANDFILL VULNERABILITY ASSESSMENT | 27. MARSH VULNERABILITY ASSESSMENT AND SEDIMENT STUDY |
|---------------------------------------|---|

YOUR OPINION MATTERS

WHAT DO YOU LIKE ABOUT THIS MASTER PLAN?

WHAT WOULD YOU LIKE TO SEE MORE OF IN THE MASTER PLAN?

ANY REMAINING QUESTIONS OR COMMENTS?