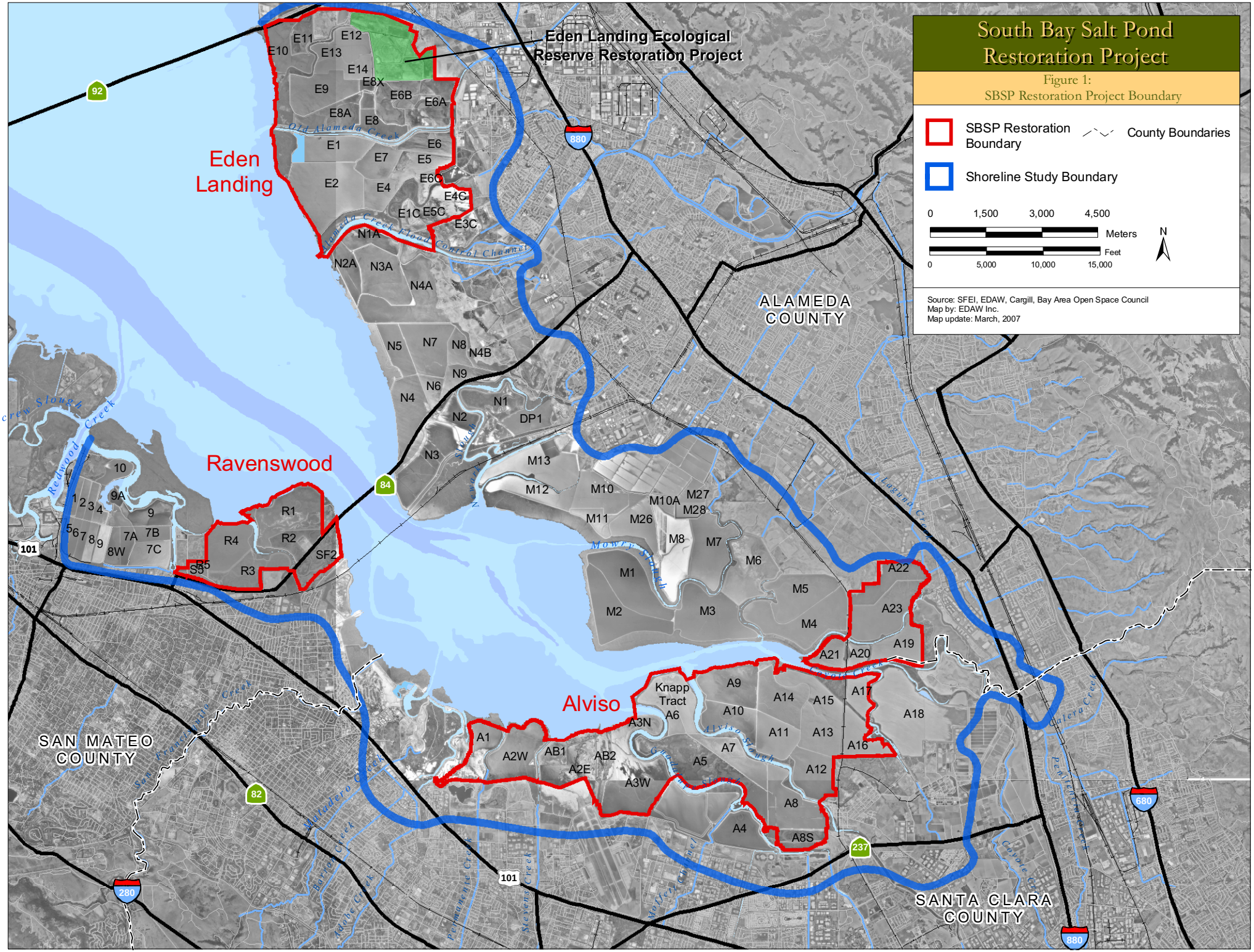
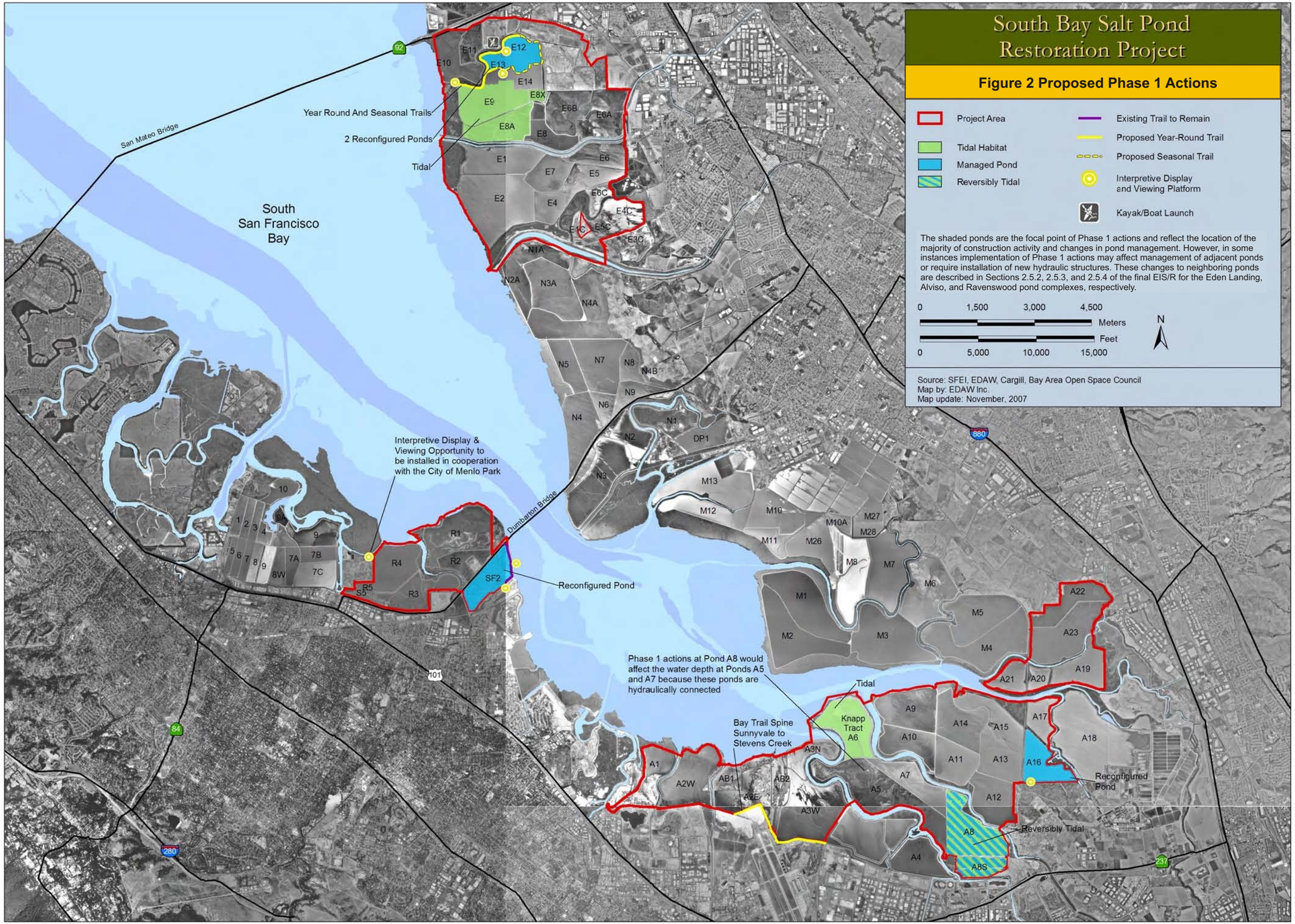
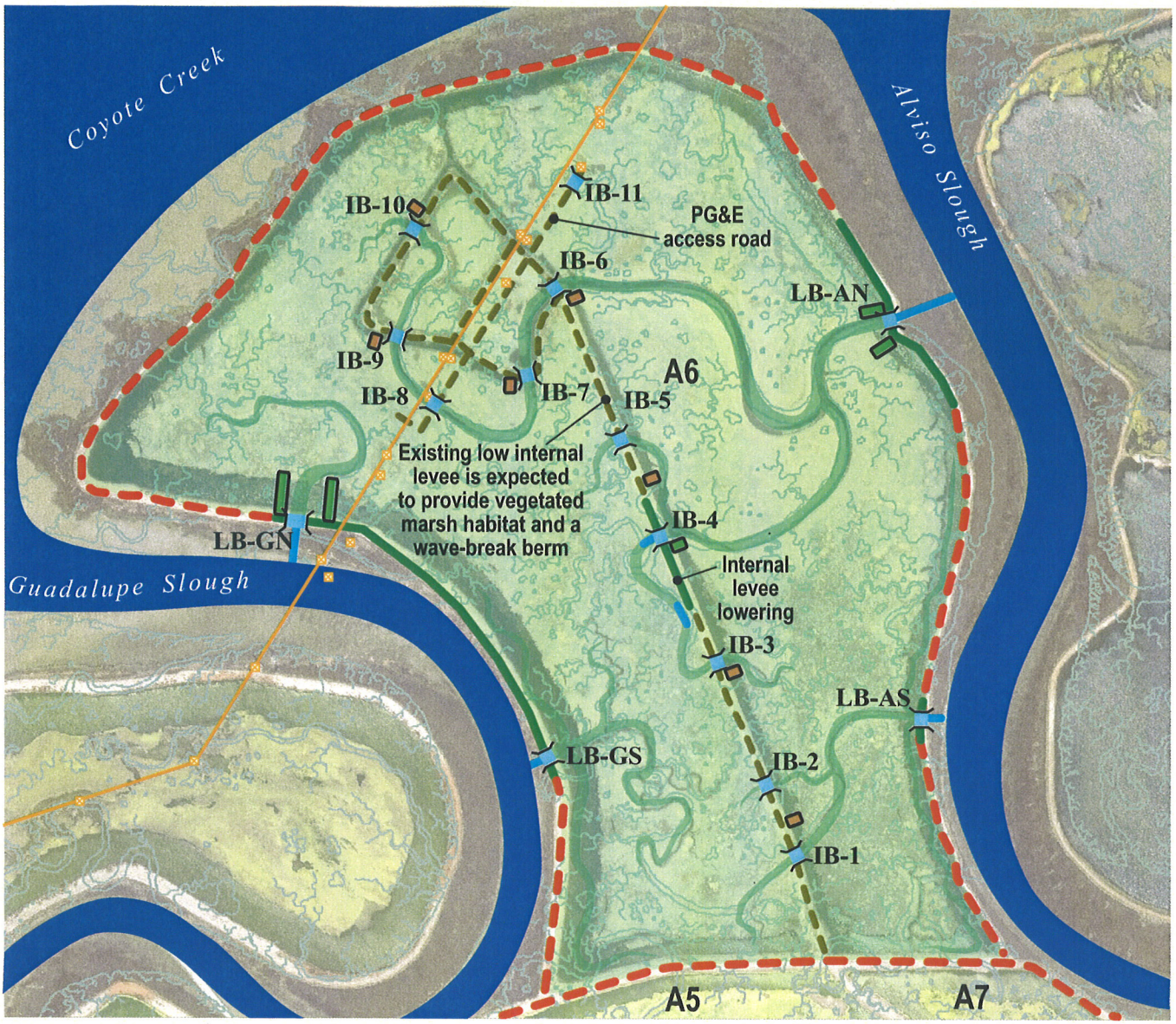

South Bay Salt Pond Restoration Project
Figure 1:
SBSP Restoration Project Boundary
SBSP Restoration Boundary
County Boundaries
Shoreline Study Boundary
0 1,500 3,000 4,500
Meters
Feet
0 5,000 10,000 15,000
N
Source: SFEI, EDAW, Cargill, Bay Area Open Space Council
Map by: EDAW Inc.
Map update: March, 2007
Eden Landing Ecological Reserve Restoration Project
Eden Landing
Ravenswood
Alviso
ALAMEDA COUNTY
SAN MATEO COUNTY
SANTA CLARA COUNTY
Knapp Tract
E1
E2
E3C
E4
E4C
E5
E5C
E6
E6A
E6B
E6C
E7
E8
E8A
E8X
E9
E10
E11
E12
E13
E14
N1
N1A
N2
N2A
N3
N3A
N4
N4A
N4B
N5
N6
N7
N8
N9
DP1
M1
M2
M3
M4
M5
M6
M7
M8
M10
M10A
M11
M12
M13
M26
M27
M28
A1
A2W
A2E
A3N
A3W
A4
A5
A6
A7
A8
A8S
A9
A10
A11
A12
A13
A14
A15
A16
A17
A18
A19
A20
A21
A22
A23
AB1
AB2
R1
R2
R3
R4
R5
SF2
S5
10
9A
9
7A
7B
7C
8W
92
880
84
101
82
280
237
680


South Bay Salt Pond Restoration Project
Figure 2 Proposed Phase 1 Actions
Project Area
Tidal Habitat
Managed Pond
Reversibly Tidal
Existing Trail to Remain
Proposed Year-Round Trail
Proposed Seasonal Trail
Interpretive Display and Viewing Platform
Kayak/Boat Launch
The shaded ponds are the focal point of Phase 1 actions and reflect the location of the majority of construction activity and changes in pond management. However, in some instances implementation of Phase 1 actions may affect management of adjacent ponds or require installation of new hydraulic structures. These changes to neighboring ponds are described in Sections 2.5.2, 2.5.3, and 2.5.4 of the final EIS/R for the Eden Landing, Alviso, and Ravenswood pond complexes, respectively.
0 1,500 3,000 4,500 Meters
0 5,000 10,000 15,000 Feet
N
Source: SFEI, EDAW, Cargill, Bay Area Open Space Council
Map by: EDAW Inc.
Map update: November, 2007
San Mateo Bridge
Dumbarton Bridge
South San Francisco Bay
Year Round And Seasonal Trails
2 Reconfigured Ponds
Tidal
Interpretive Display & Viewing Opportunity to be installed in cooperation with the City of Menlo Park
Reconfigured Pond
Phase 1 actions at Pond A8 would affect the water depth at Ponds A5 and A7 because these ponds are hydraulically connected
Tidal
Knapp Tract A6
Bay Trail Spine Sunnyvale to Stevens Creek
Reconfigured Pond
Reversibly Tidal
92
880
101
84
280
237



Tidal Habitat
Historic channel network
Levee breach
Levee lowering
Existing low internal levee/berm, to remain
Existing levee, to remain
Pilot channel
Borrow ditch block
Fill placement
PG&E power transmission line and power towers[1]

[1]PG&E is scheduled to complete construction of new power towers in Pond A6 in 2007.

N

0 1000 2,000
feet

South Bay Salt Pond Restoration Project

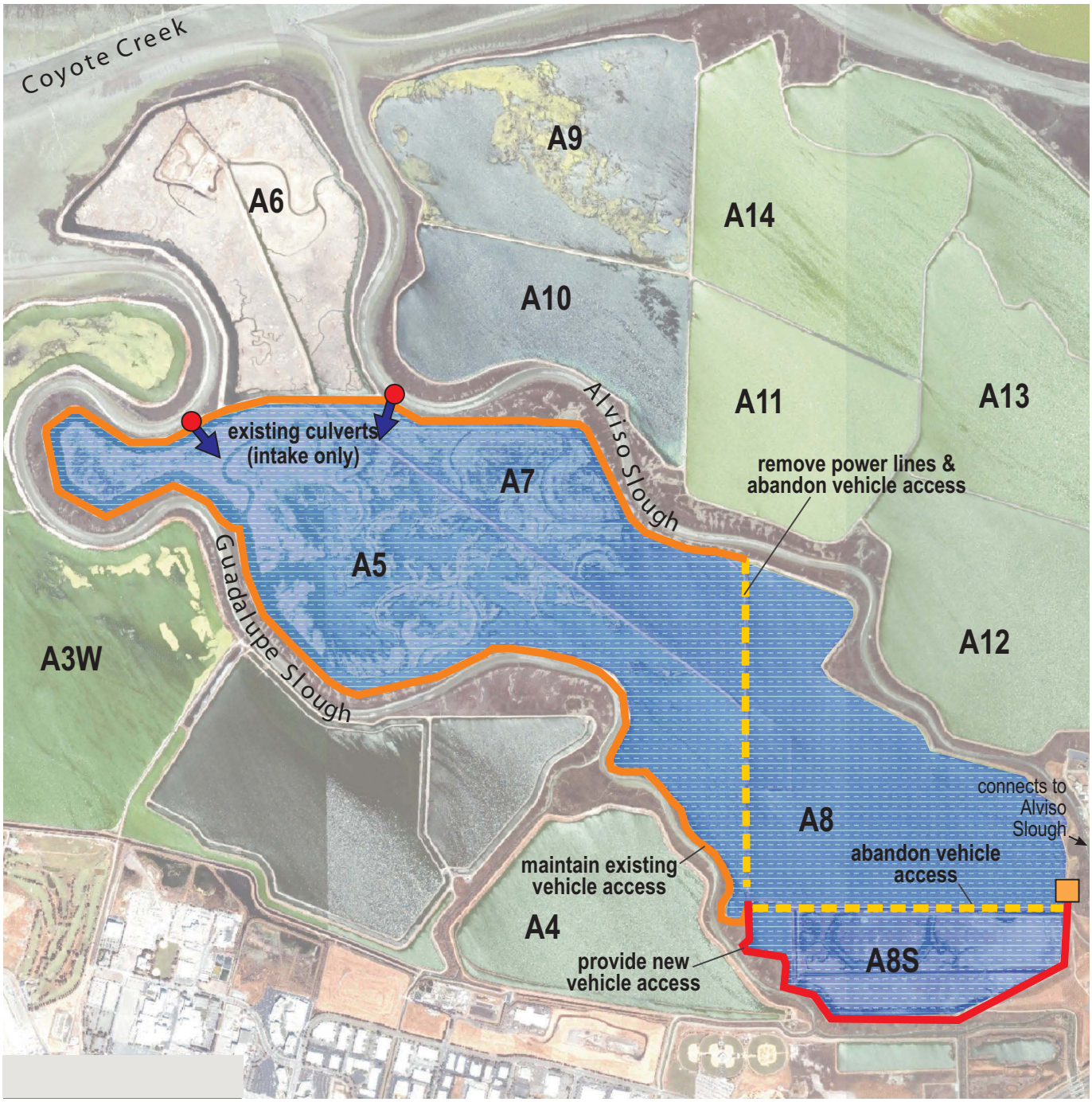
figure 3

Alviso Pond A6 Tidal Restoration

Restoration Site Plan

PWA

PWA Ref# 1750 phase1/basemaps/concept plans/pondA6_6-07-07.cdr



N

0 1000 2,000

feet

Armored notch

figure 4

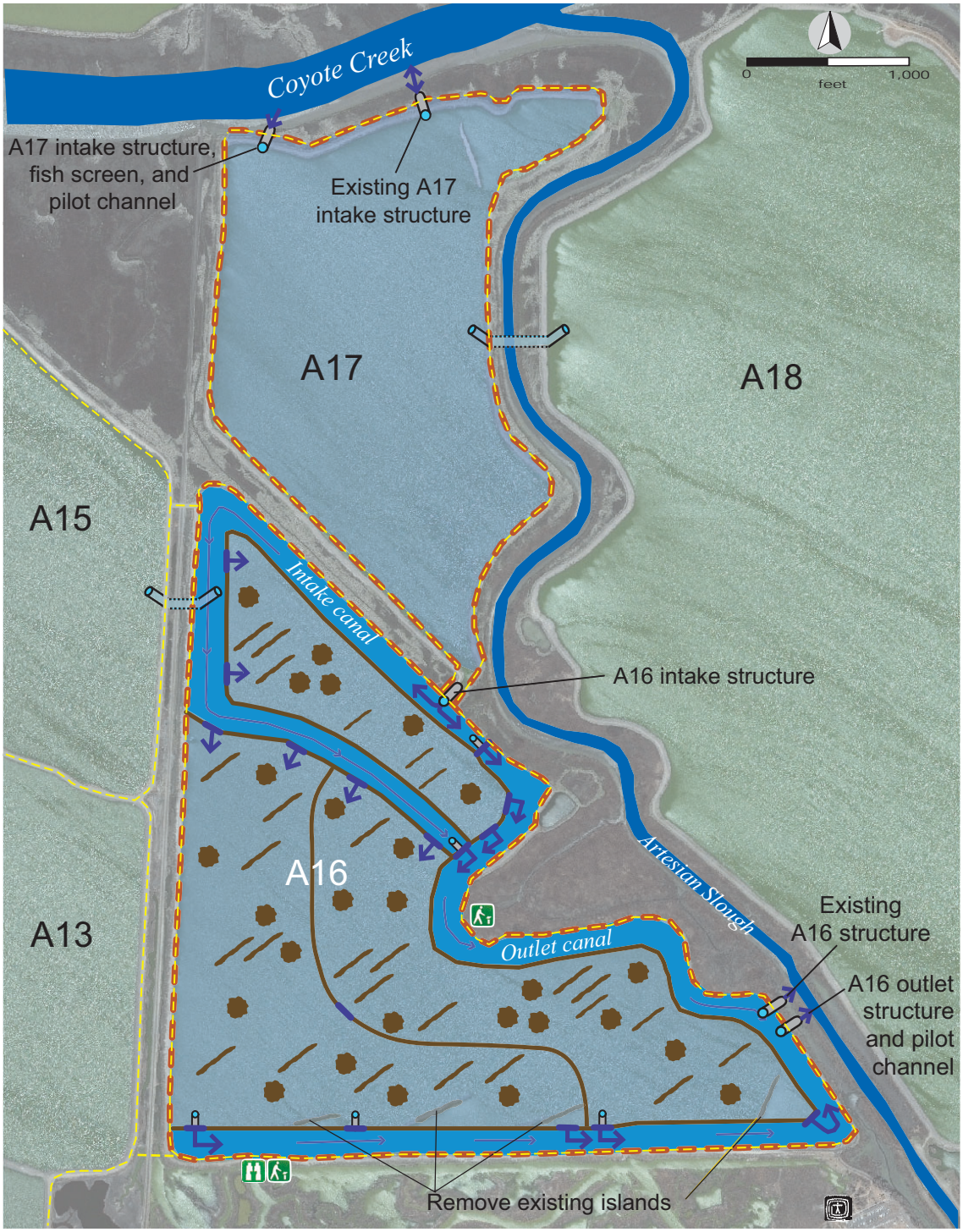
Alviso Pond A8 Restoration

Conceptual Restoration Plan

PWA Ref# 1919.05.cdr

PWA

PWA Ref# 1919PondA8/Task5Design/FinEngRep\figures\originals/Pond8_FIG_3_4_5.cdr



Cell intake/outlet water control structure:
- weir
- culvert with weir
- Typical flow direction
- Earth berm
- Existing levee
- Existing trail
- Interpretive station
- Existing slough channel
- Nesting island-linear
- Nesting island-circular
- Pond intake/outlet water control structure (culverts with gates)
- Existing siphon
- Viewing platform
- Existing Environmental Education Center

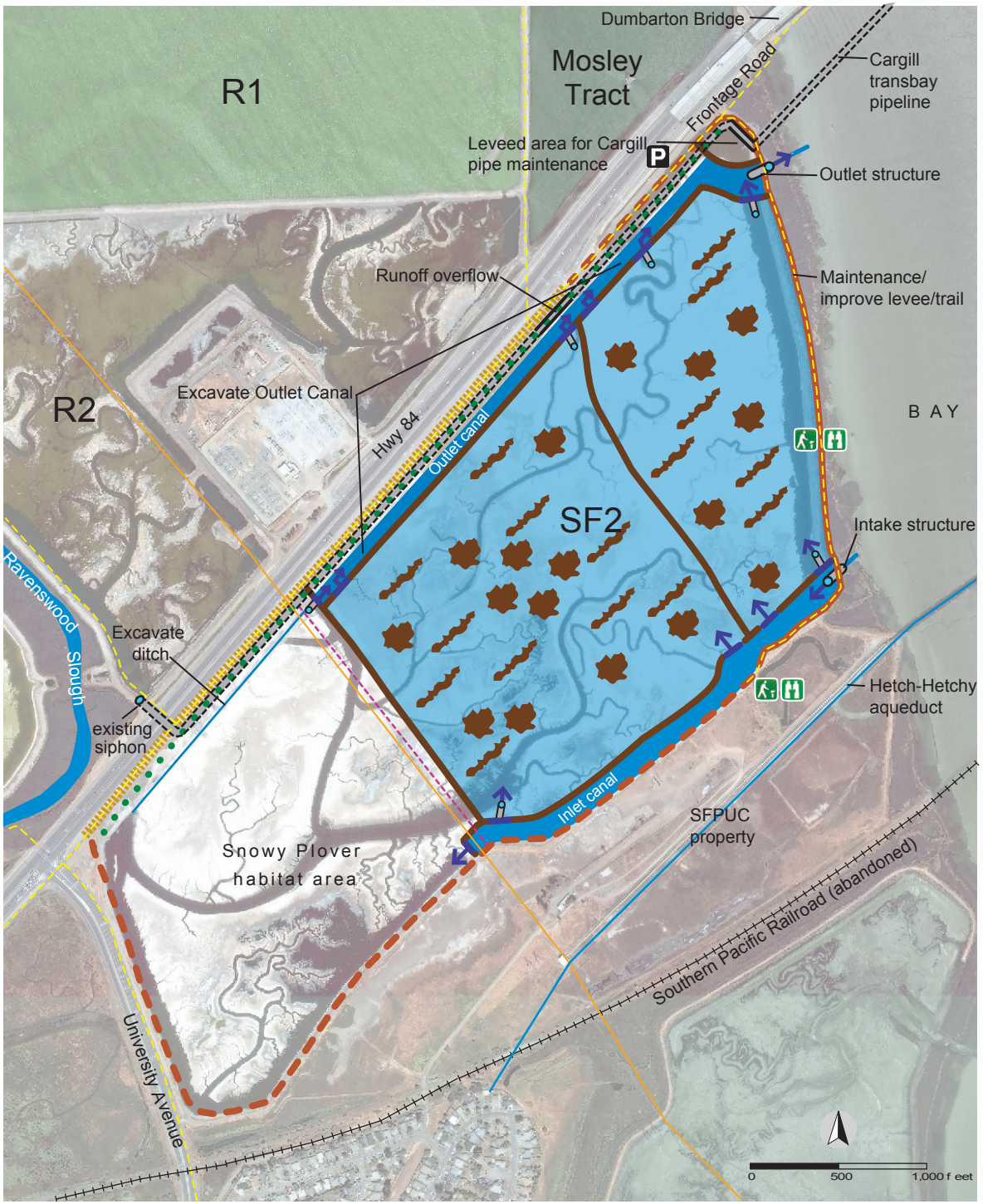
South Bay Salt Pond Restoration Project

figure 5

Alviso Pond A16 Restoration

Restoration Site Plan

#1750/phase1/basemaps/concept plans/tidal ponds/AlvisoPondA16_5_31_07.ai



South Bay Salt Pond Restoration Project

figure 6

Ravenswood Pond SF2 Restoration
EIS/R Conceptual Restoration Plan

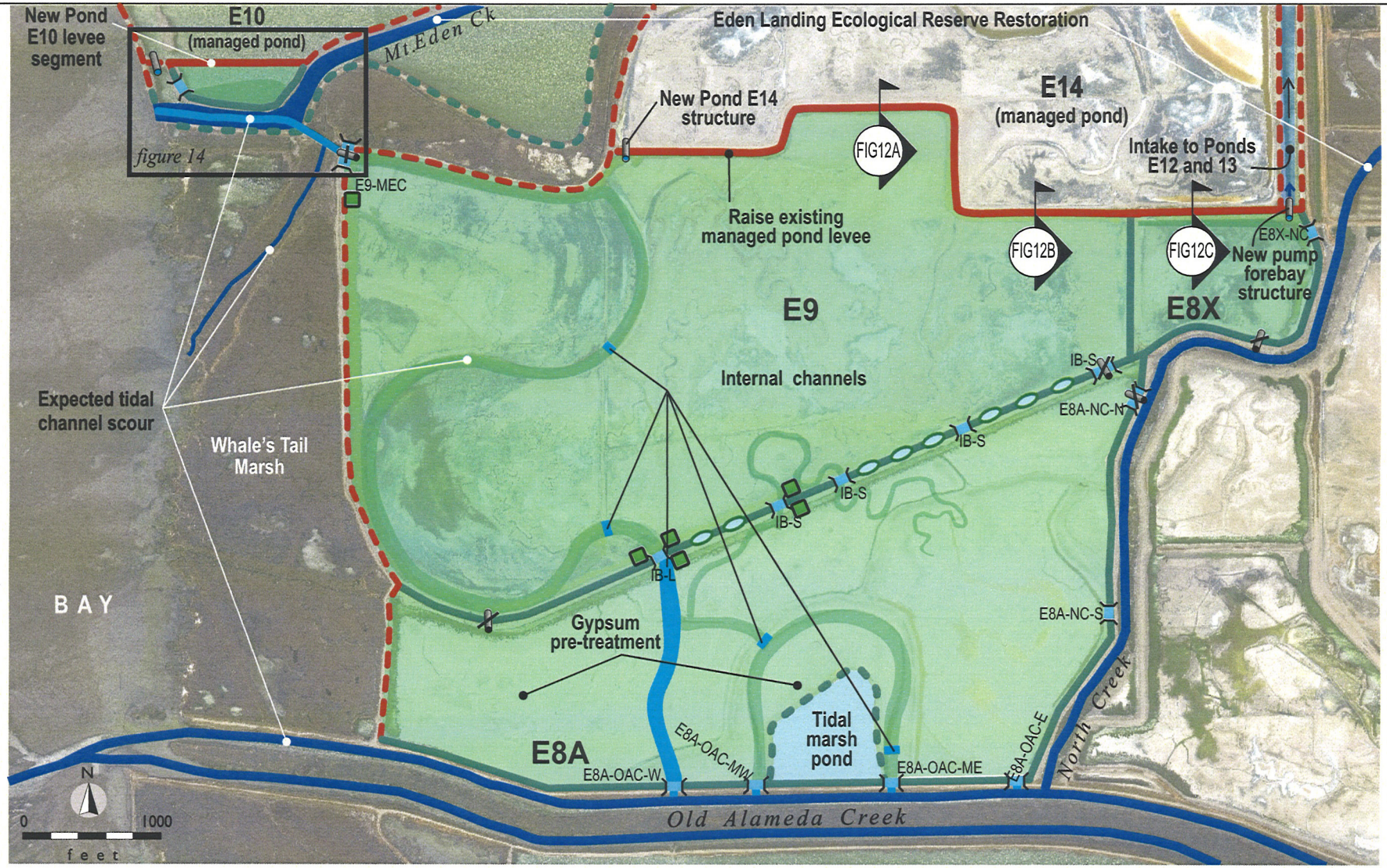
- Earth berm
- Existing levee, to remain
- Levee/trail maintenance improvement
- Existing high ground
- Plantings
- Pilot channel
- Typical flow direction
- Pond intake/outlet water control structure (culverts with gates)
- Cell intake/outlet water control structures:
  - Weir
  - Culvert with weir
- Existing above ground pipe, to remain
- Existing buried pipe, to remain
- Railroad
- Existing trails[1]
- Existing parking[1]
- Interpretive station[1]
- Viewing platform[1]
- PG&E overhead power transmission line
- Existing PG&E boardwalk
- Nesting island- linear (25)
- Nesting island- circular (25)

[1]The EIS/R conceptual restoration plan is superceded by the Pond SF2 preliminarydesign restoration site plan layout (Sheet 1).

Figure by Philip Williams & Associates
Figure Date: 01-28-2008

PWA

#1750/Task05_Design\Stage_4\Task5c4_Pond_SF2\PDM\Final\Figures\source\EIS+RConcept\RestPlan-RvnswdSF2.ai



Tidal habitat
Historic channel network
Levee breach
Levee lowering
Managed pond levee
Existing slough channel
Pilot channel

Existing low levee
Existing managed pond levee, to remain
Ditch block
Tidal marsh pond
Water control structure
Existing water control structure, to be removed or abandoned

South Bay Salt Pond Restoration Project

figure 7

Eden Landing Ponds E8A, E9, and E8X
Updated EIS/R Conceptual Restoration Plan

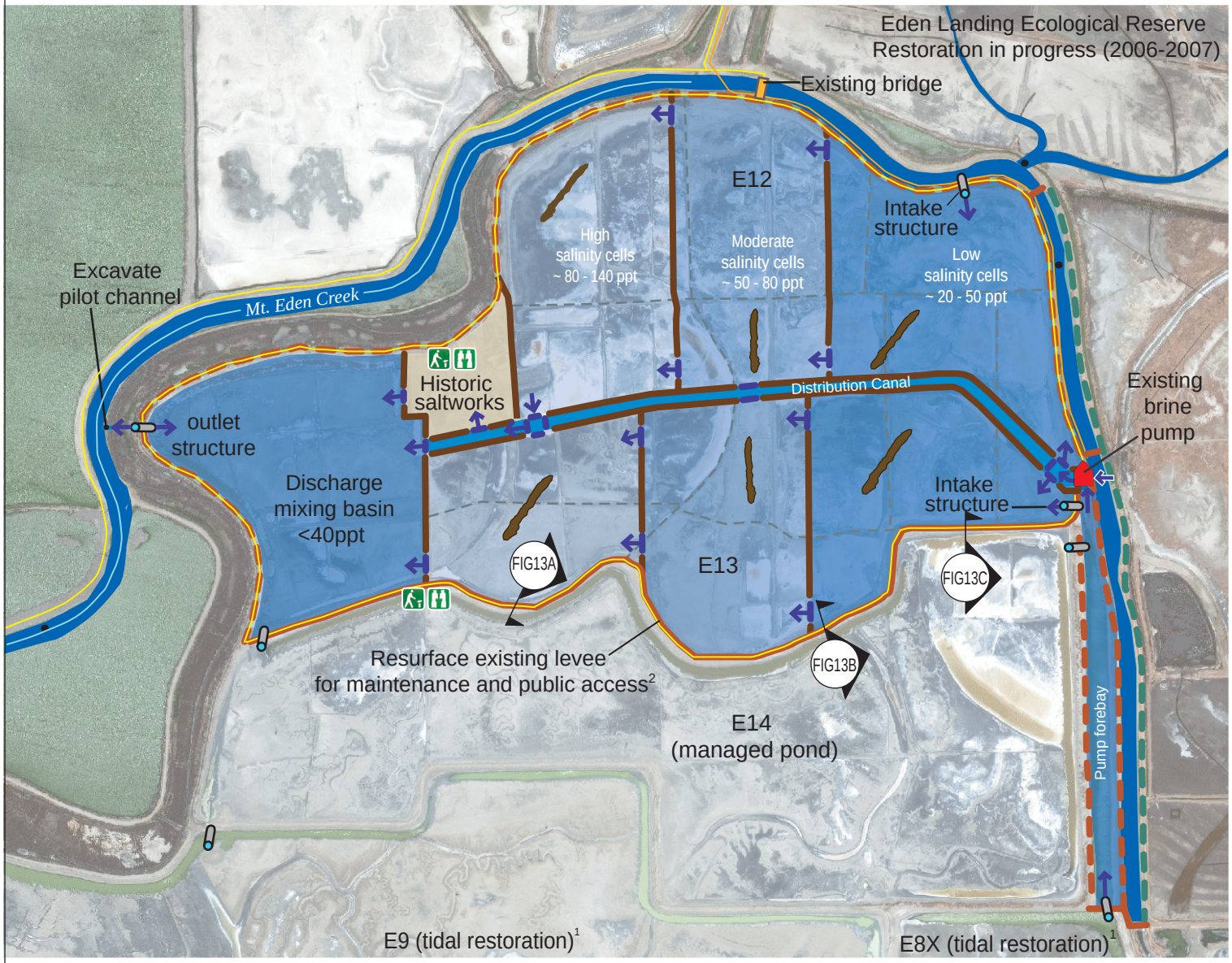
Figure by Philip Williams & Associates Figure Date: 4-4-08

PWA Re# 1750/phase1actions//basemaps/concept plans/source E8A&E9_4-4-08.cdr

South Bay Salt Pond Restoration Project

figure 8

Eden Landing Ponds E12 and E13 EIS/R Conceptual Restoration Plan



Legend

- Low-salinity cells ~20 - 50 ppt and discharge mixing basin <40 ppt
- Moderate-salinity cells ~50 - 80 ppt
- High-salinity cells ~80 -140 ppt
- Historic salt works
- Water control structure (weir)
- Typical flow direction
- Existing brine pump
- Earth berm or wood fence
- Improve managed pond levee
- Existing levee
- Existing lowered levee
- Existing remnant crystalizer fence gaps to be constructed for circulation
- Nesting island
- Intake/outlet water control structure
- Pilot channel
- Existing slough channel
- PG&E power distribution line
- Trail[2]
- Water trail[2]
- Interpretive station[2]
- Viewing platform[2]

0 400 800 feet

[1]See Figure 2-8 for Ponds E9, E8X and E8A restoration plan.

[2]See Figure 2-10 for Eden Landing Phase 1 Actions public access and recreation features.

Figure by Philip Williams and Associates, Ltd.
Figure Date: 4-3-2008

#1750/phase1/basemaps/concept plans/Pond E12 & E13_4-3-08.ai