



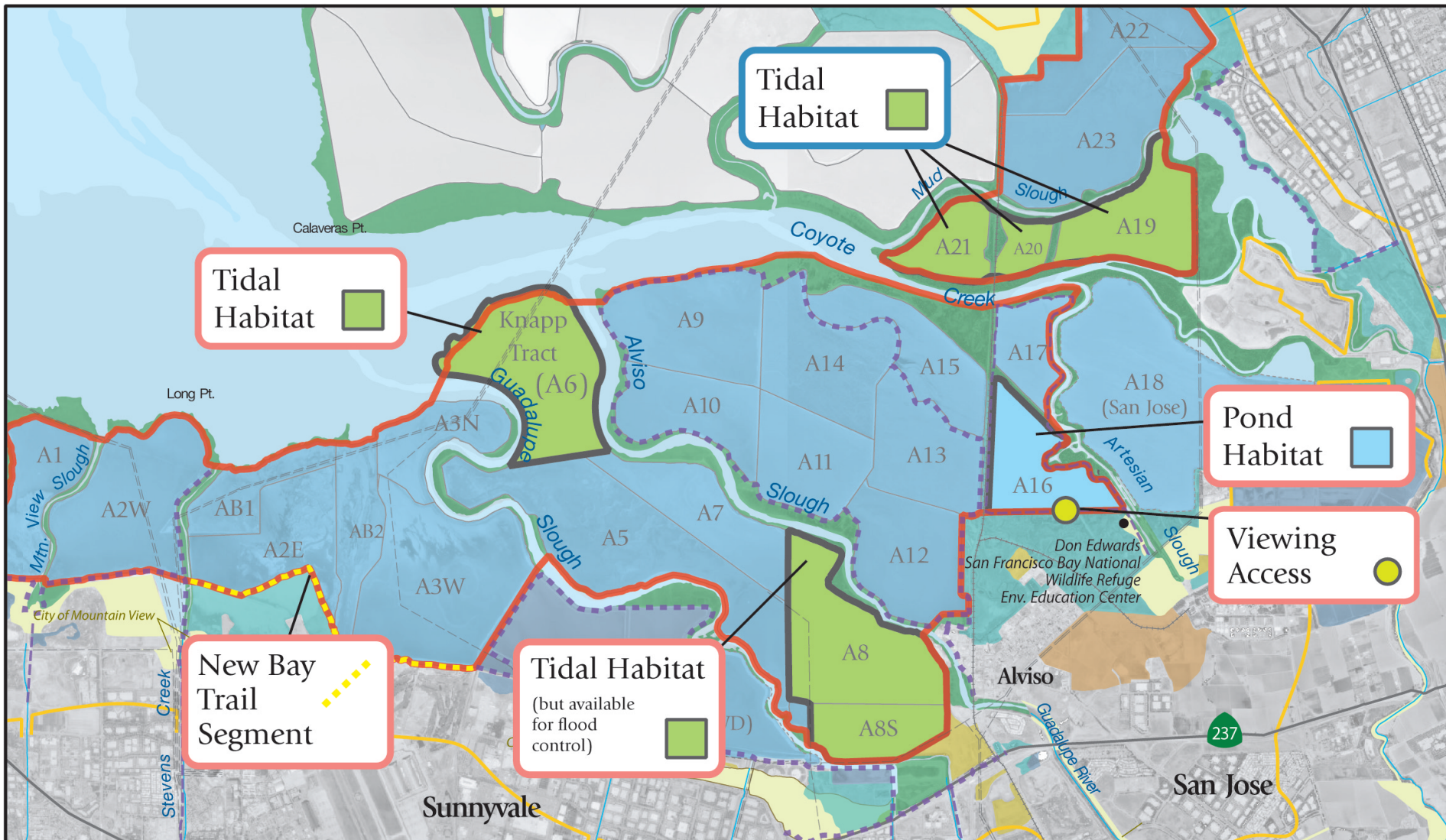
South Bay Salt Pond Restoration Project

Restoring the Wild Heart of the South Bay



Alviso Special Meeting (A16/17), May 4, 2011, 6 p.m.

PHASE ONE: ALVISO



Initial Restoration Actions

South Bay Salt Pond Restoration Project—Alviso Area



2006 - 07



Proposed Phase 1

Ponds A19, 20, 21 (the Island Ponds)



Proposed: Tidal marsh restoration

Status: Restored in 2006



Habitat evolution after restoration



April 2008



September 2009



May 2010



October 2010

SALT POND A21 SOUTH BAY SALT POND RESTORATION PROJECT

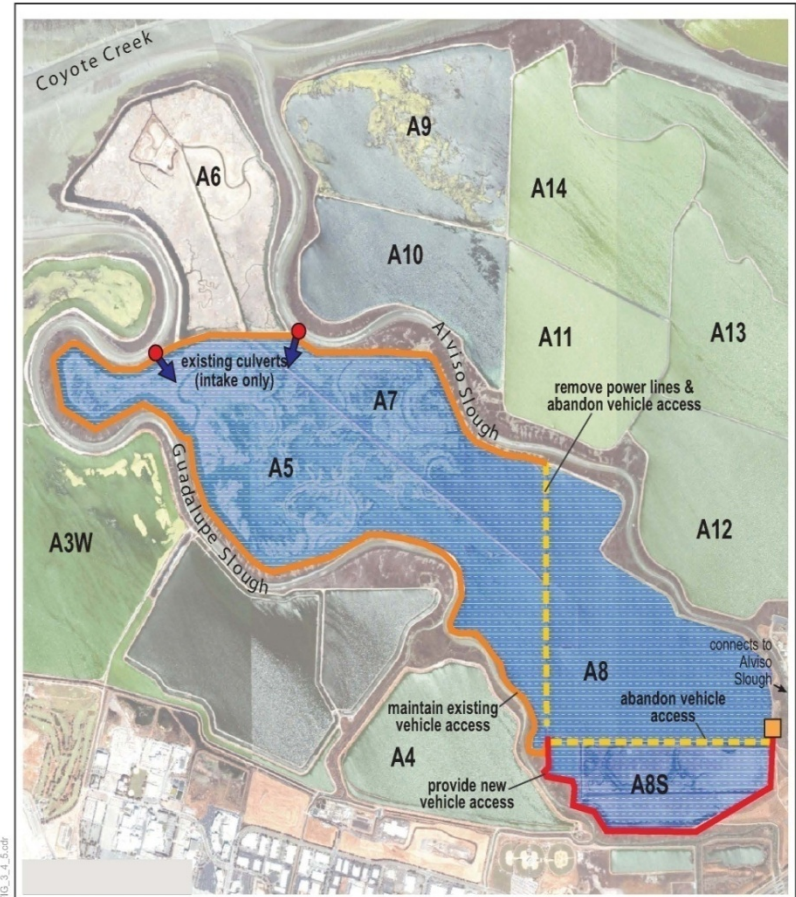
Kite aerial photographs of a small channel in the northeast corner following the 2006 breach to tidal flow. Field of view is ~ 120 feet. . C. Benton

PHASE ONE: ALVISO

Proposed: shallow tidal habitat with new marsh (1400 acres)



Photo Credit: Chris Benton



88 FIG. 3-4 Scale



Status: Gates to be opened June 1, 2011

PHASE ONE: ALVISO

Pond A6

Proposed:
Tidal Marsh (330 acres)



Pond A6

Status:
Levees
breached in
December
2010



PHASE ONE: ALVISO



Now Open! 2.4 Mile Moffett Bay Trail Segment

Status: Trail Opened on Monday September 20, 2010



PHASE ONE: ALVISO

Ponds A16 and A17

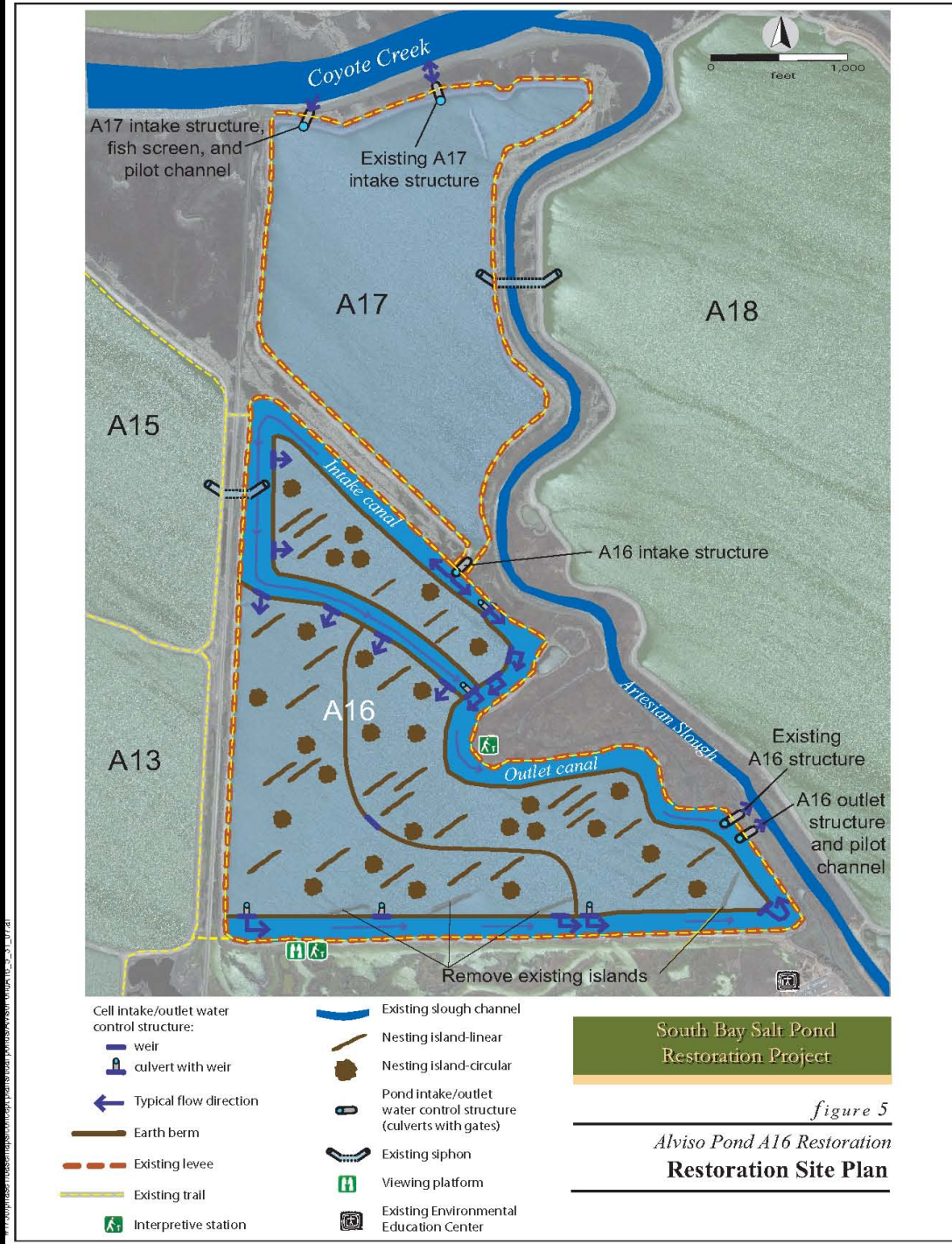
Existing Conditions:

Managed ponds connected by an internal channel with 1 inlet, 1 outlet and 5 low islands.



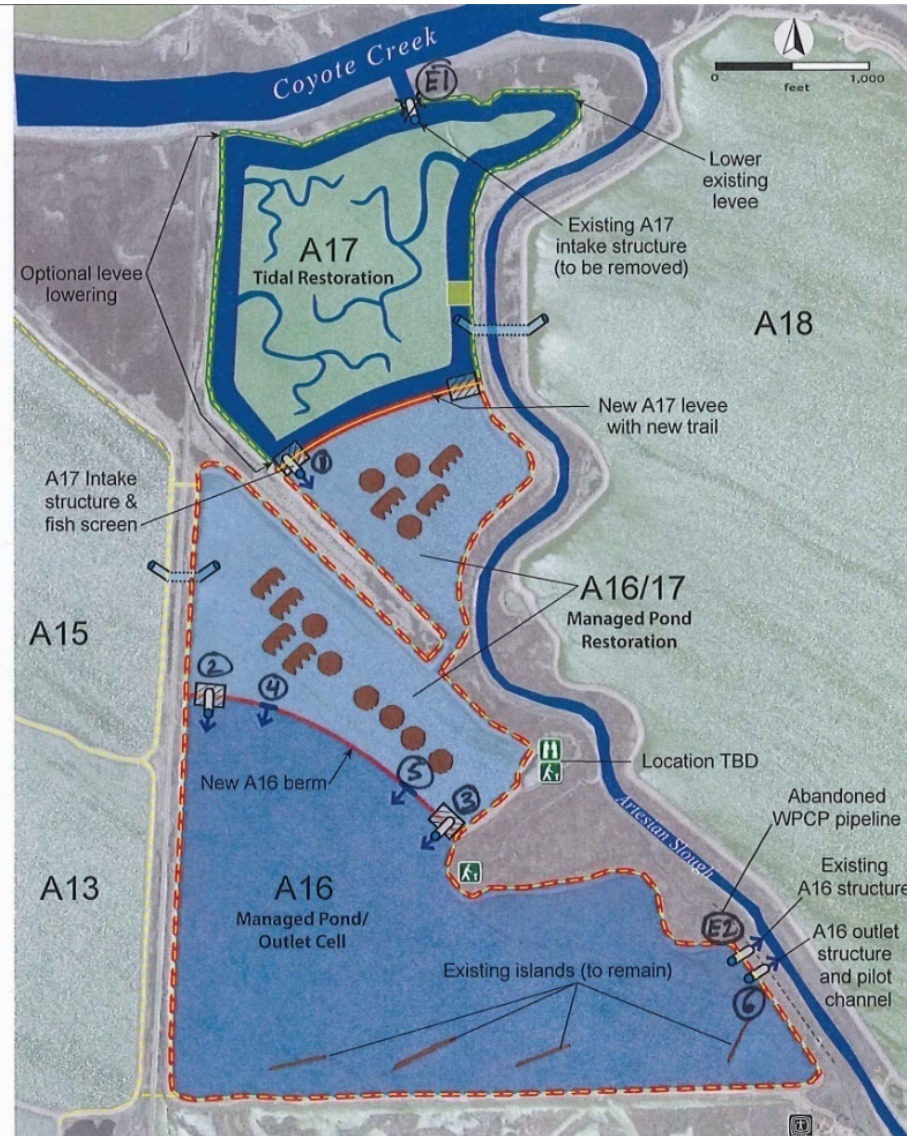
Ponds A16 and A17

Original design: Reconfigured Ponds with nesting islands (A16); described in our EIS/R



Ponds A16 and A17

Revised: Interim concept with nesting islands in both A16 and A17 and some restored tidal marsh in A17.



- | | | | |
|--|---------------------------------------|--|---|
| | Intake/outlet water control structure | | Borrow ditch structural crossing |
| | Weir | | Ditch block (earth local borrow) |
| | Typical flow direction | | Levee breach |
| | Existing levee | | Existing siphon |
| | Levee lowering | | Existing slough channel |
| | New levee | | Nesting islands-linear & circular |
| | New berm | | Interpretive station |
| | Existing trail | | Viewing platform |
| | New trail | | Existing Environmental Education Center |

South Bay Salt Pond
Restoration Project

figure 2

Alviso Pond A16 Restoration
Restoration Site Plan

Ponds A16 and A17

Final Design: Reconfigured Ponds with nesting islands (A16) and restored tidal marsh (A17).

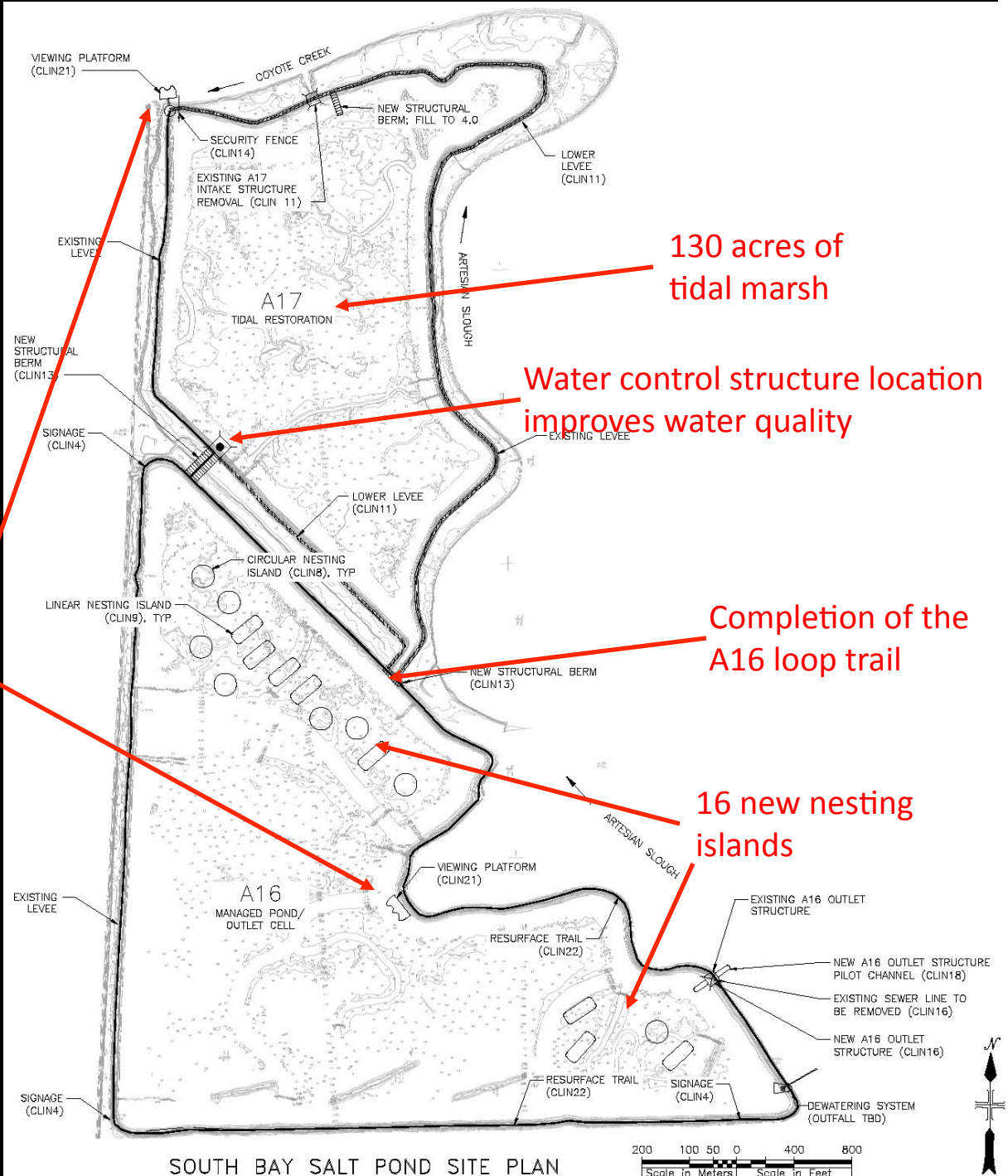
New overlook platforms

130 acres of tidal marsh

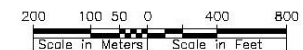
Water control structure location improves water quality

Completion of the A16 loop trail

16 new nesting islands



SOUTH BAY SALT POND SITE PLAN





April 2008



September 2009

Salt Pond A21





South Bay Salt Pond Restoration Project

Restoring the Wild Heart of the South Bay

Comments or questions?

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Name:
South Bay Salt
Pond Restoration
Project