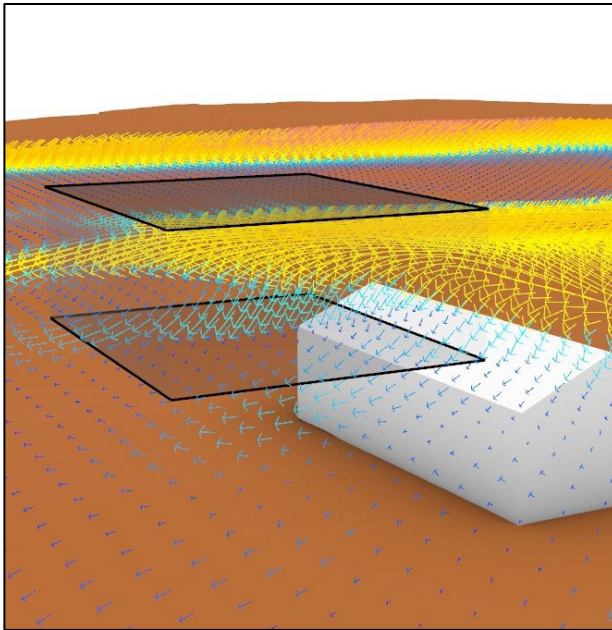
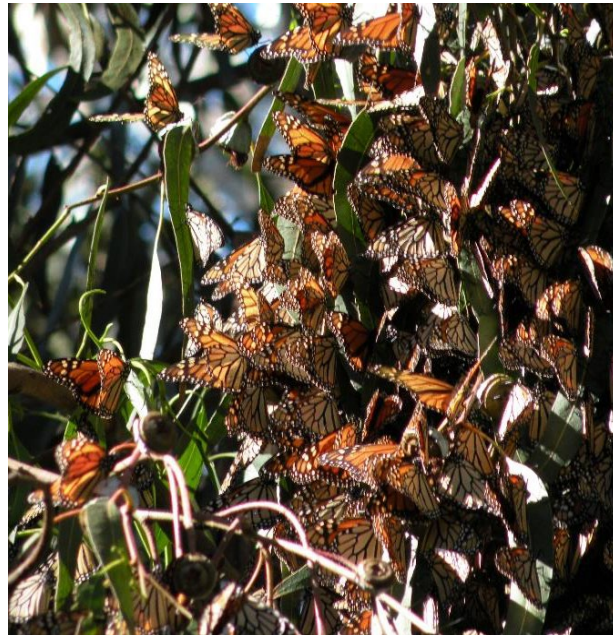


Moran Lake Monarch Butterfly Habitat and Tree Management Assessment April 2025 DRAFT



Wind Model Output



Monarchs at Moran Lake

Stuart B. Weiss
Creekside Science

Corbin Matley
Althouse and Meade, Inc.

April 2025

Prepared for Robert Tidmore
Santa Cruz County Parks

Figure 5 Monarch Butterfly Roost and Windbreak Areas



Figure 5A. Vertical Slice for Current Conditions, canopy voxels not shown

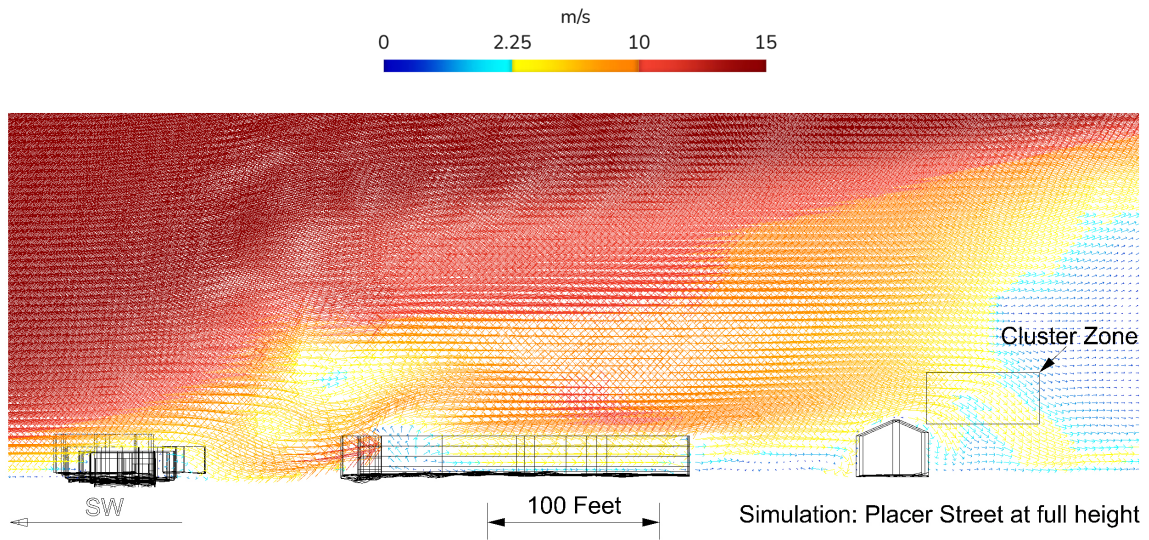


Figure 5B. Vertical Slice for Complete Removal.

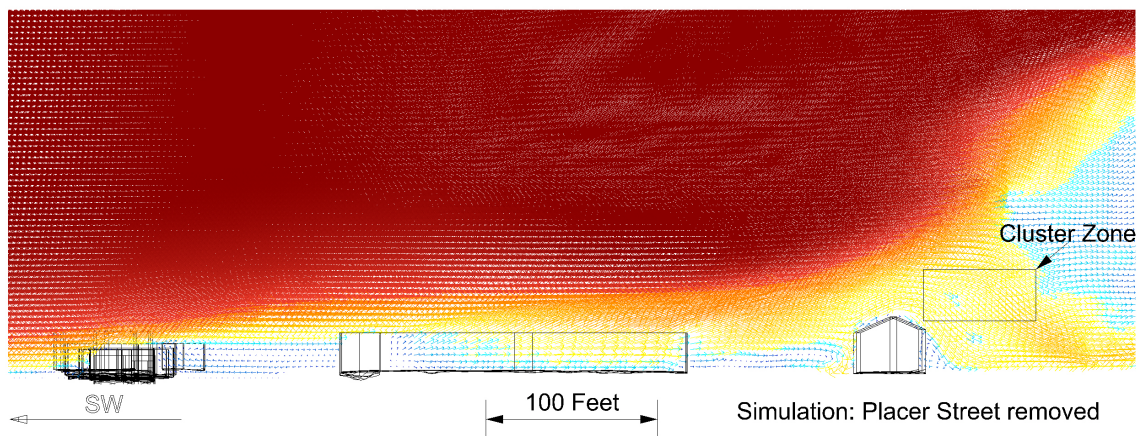
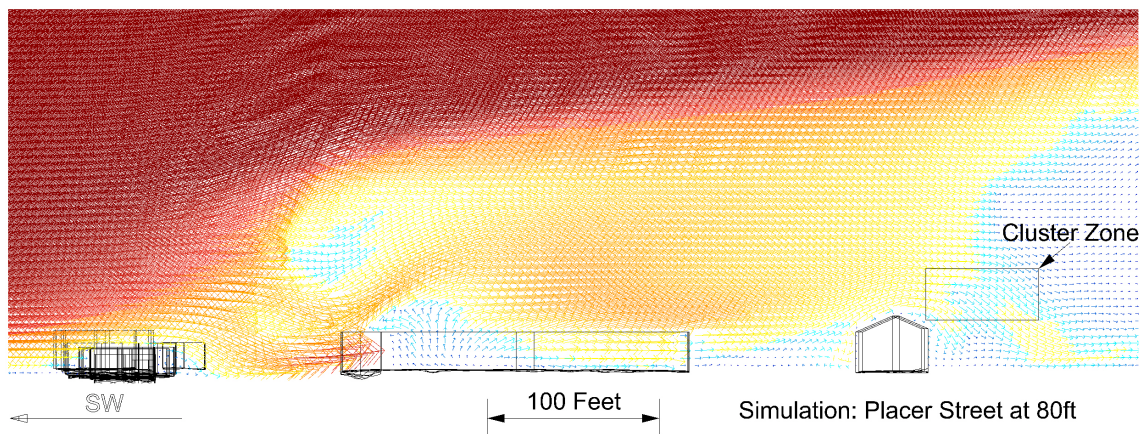


Figure 5C. Vertical Slice for 80 ft Placer Height



Isolated Scenario 5 Section from Moran Lake Monarch Butterfly Habitat and Tree Management Assessment

Figure 13. Overhead View of Scenario 5, Sampled 30 Feet Above Ground

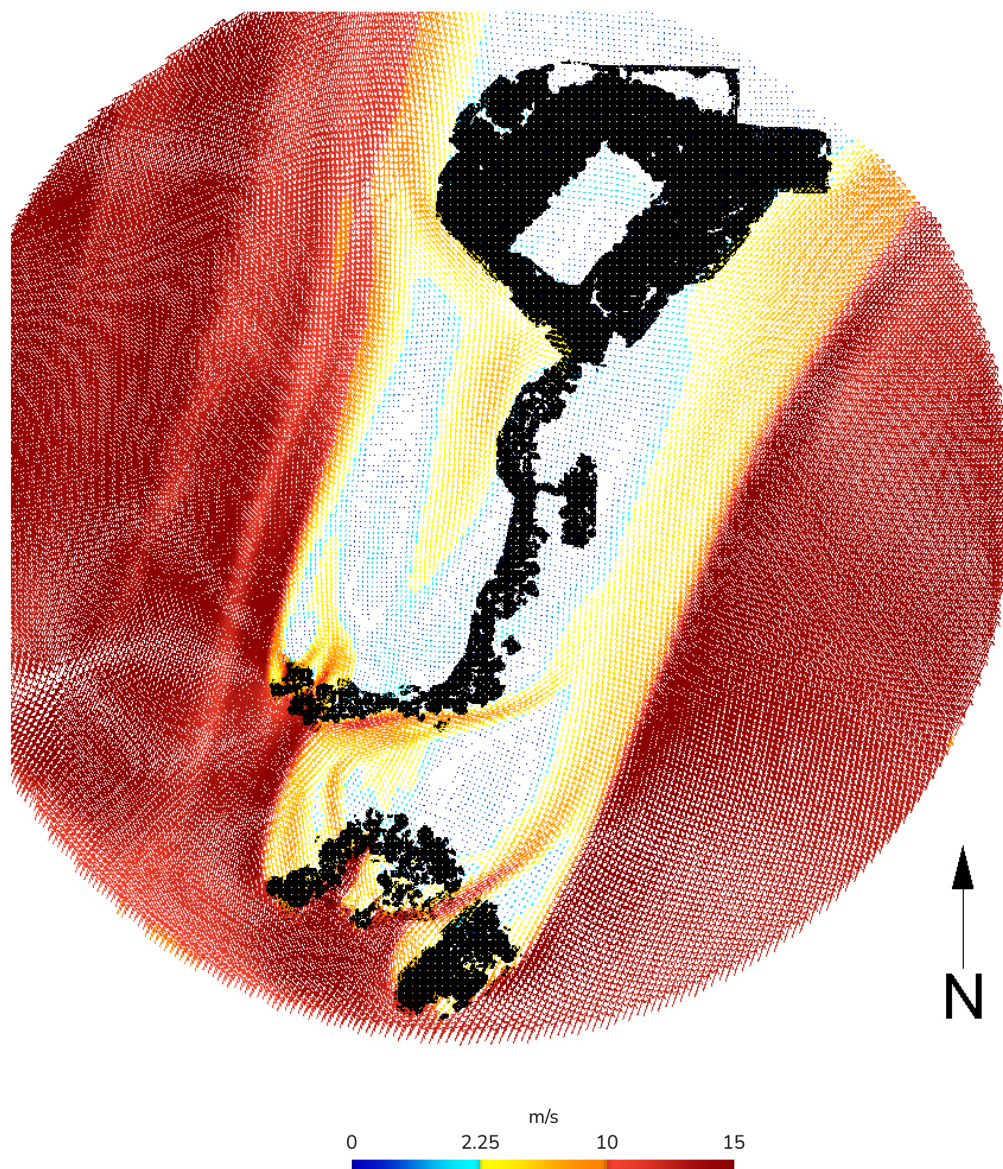
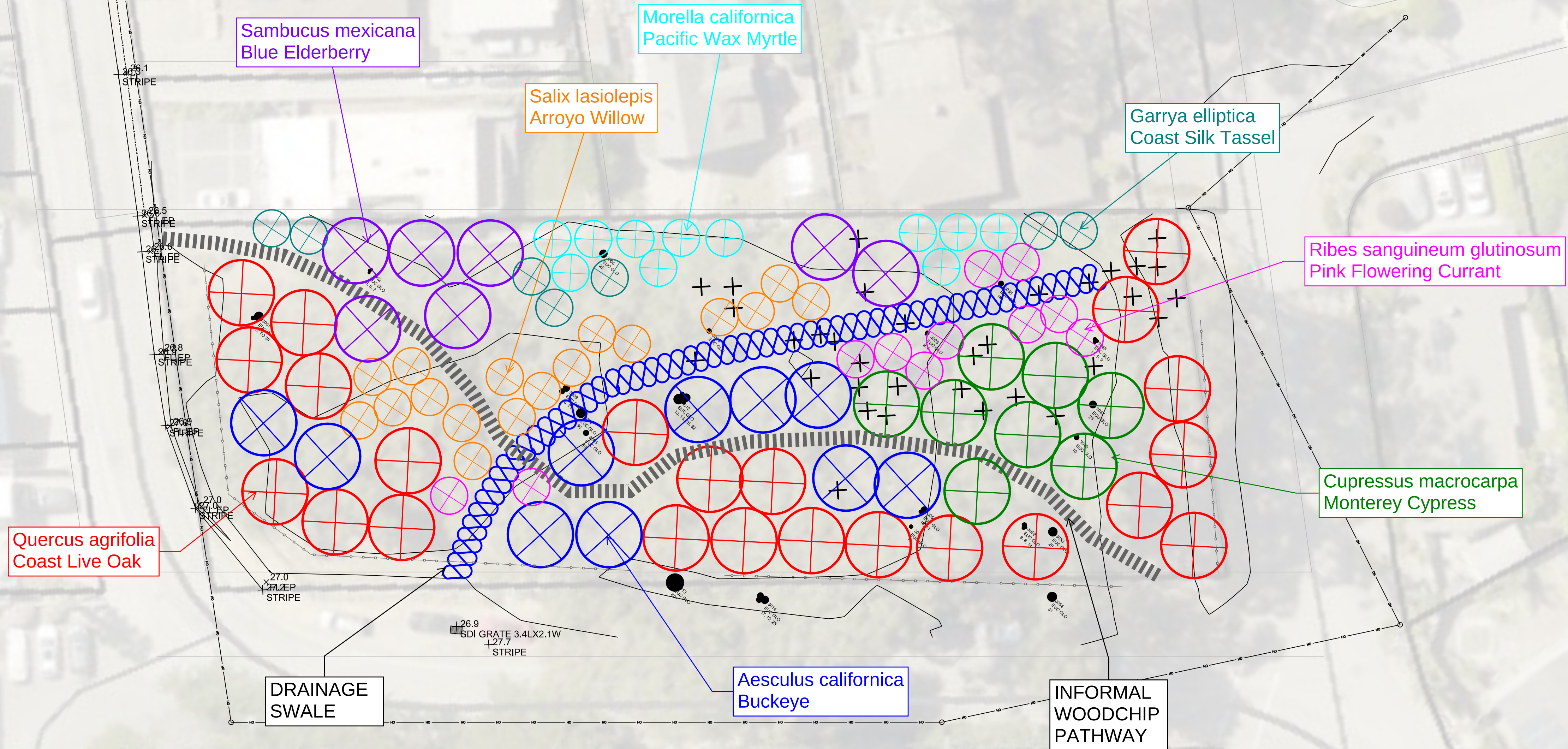


Figure 5 Monarch Butterfly Roost and Windbreak Areas

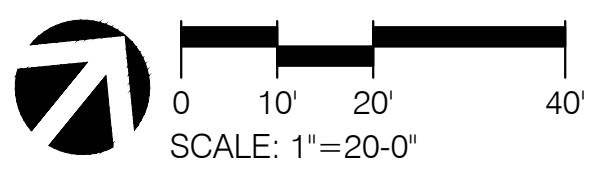


DRAFT



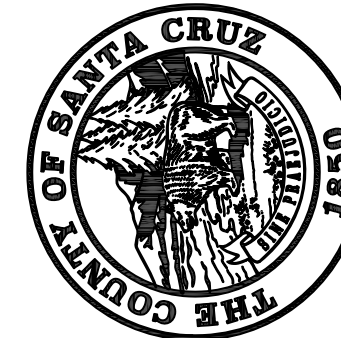
DRAFT LAYOUT - PLAN WILL BE UPDATED BASED UPON FIELD CONDITIONS, AND VERIFYING FINAL ALIGNMENT AND LOCATION OF DRAINAGE SWALE

NOT FOR CONSTRUCTION



REVISIONS:

COUNTY SEAL



COUNTY OF SANTA CRUZ
PARKS, OPEN SPACE & CULTURAL SERVICES
979 SEVENTEENTH AVENUE
SANTA CRUZ, CALIFORNIA 95062
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JEFF GAFFNEY
DIRECTOR

MORAN LAKE COUNTY
PARK
TREE DATA
22775 E CLIFF DR, SANTA CRUZ
SANTA CRUZ COUNTY, CALIFORNIA
APN: 02848101, 02828132, 02829149,
28445101

DRAWN MP
CHECKED RT
DATE 4-25-2025

SCALE:
1"=10'-0"

SHEET TITLE:
40 MORAN WAY

SHEET NUMBER:
1
OF 1 SHEETS