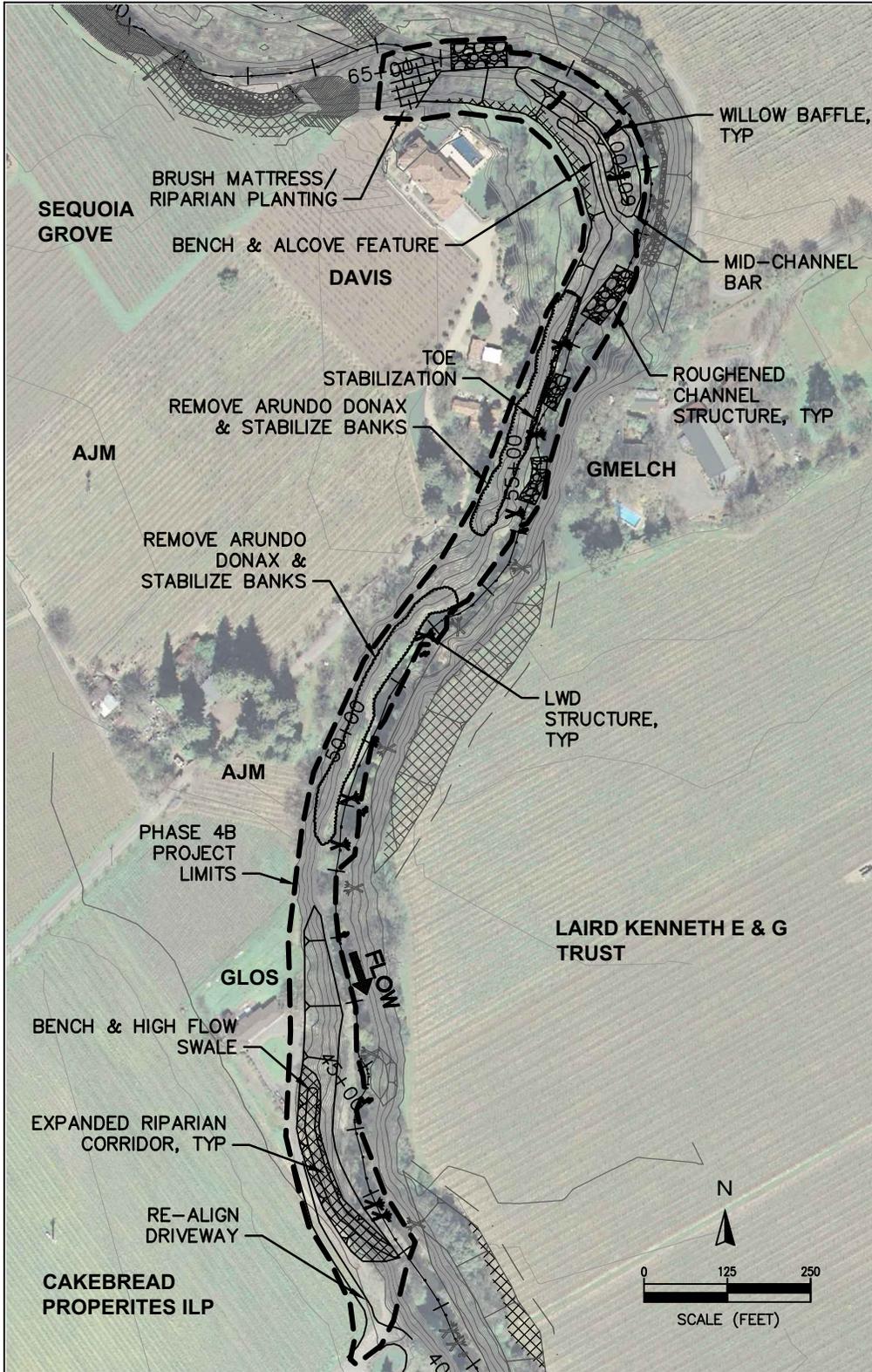
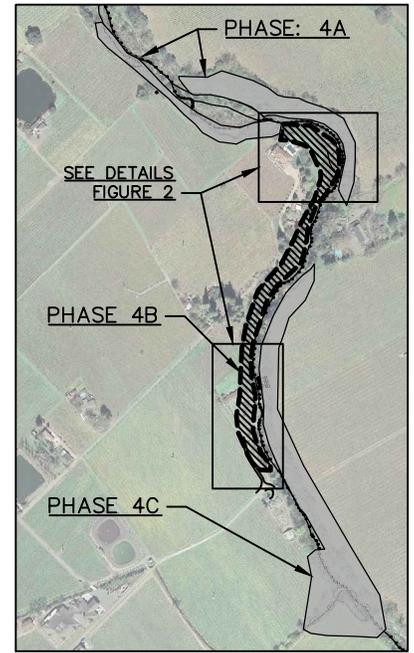


Exhibit 5 - Project Design of Phase 4b



KEY MAP - REACH 8



LEGEND

-  PHASE 4B PROJECT LIMITS
-  EXPANDED RIPARIAN CORRIDOR

NOTES:

1. REACH 8 PROJECT IS A COMPREHENSIVE RIVER ENHANCEMENT PROJECT ORGANIZED INTO THREE PHASES; 4A, 4B, AND 4C. THE PROPOSED WORK ON REACH 8 TOTALS OVER 4600 LINEAR FEET OF THE NAPA RIVER.
2. PHASE 4B TREATS 1530 FEET OF CHANNEL AND RIPARIAN CORRIDOR ON FOUR WEST BANK PROPERTIES WITH PROJECT ELEMENTS TO STABILIZE BANKS, RECRUIT GRAVEL, AND ENHANCE HABITAT SUCH AS FLOOD PLAIN BENCHES, HIGH FLOW SECONDARY CHANNELS, INSTREAM STRUCTURES, AND AN EXPANDED NATIVE RIPARIAN CORRIDOR.
3. ESA PWA DEVELOPED THE 30% PRELIMINARY DESIGN PLAN FOR PHASE 4 REACH 8 IN COORDINATION WITH NAPA COUNTY, LOCAL LANDOWNERS, AND REGULATORY AGENCY REPRESENTATIVES.

NAPA RIVER RUTHERFORD REACH RESTORATION
REACH 8, PHASE 4B PROJECT ELEMENTS

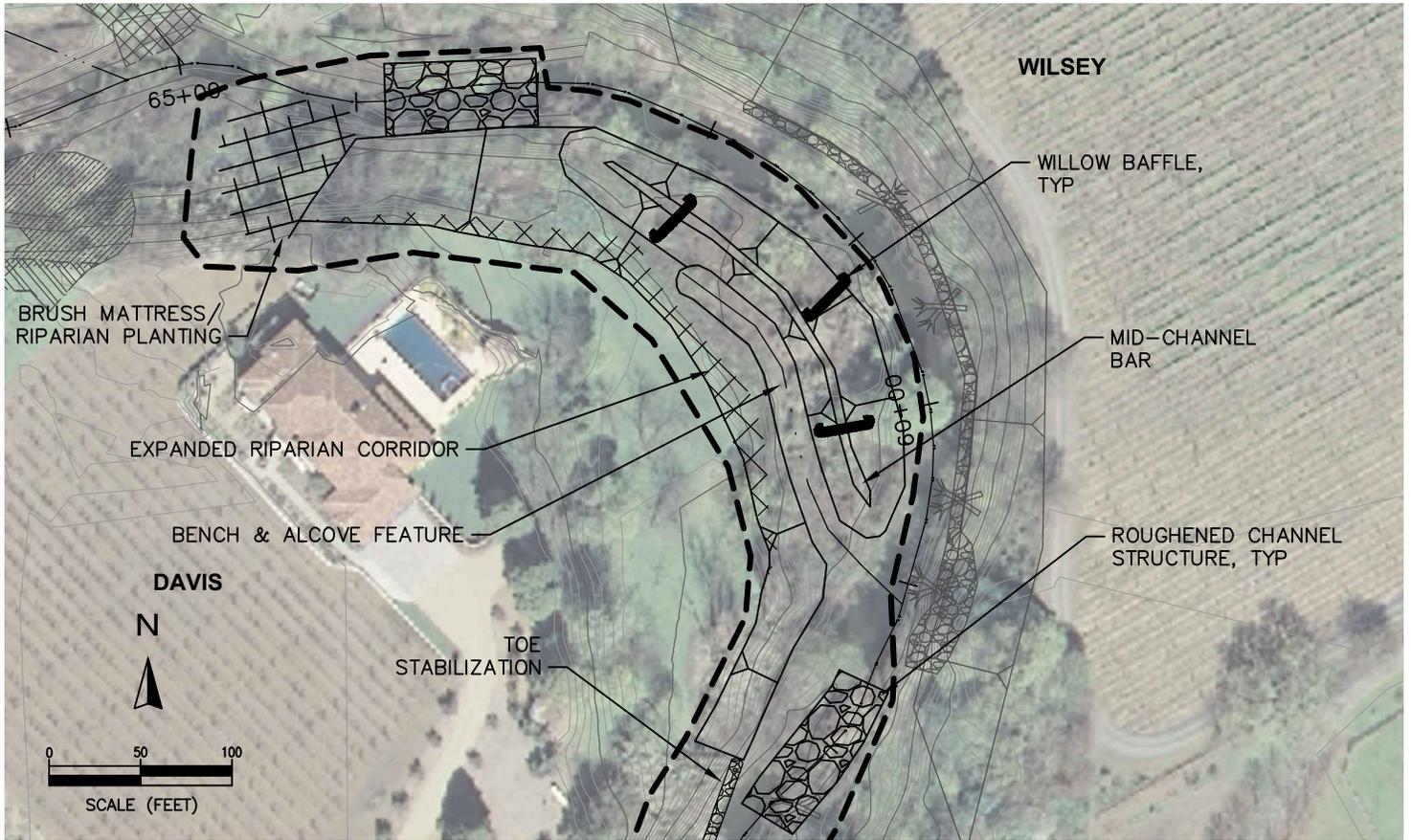
DRAWN: B. TANAKA
DESIGNED: J. BLOMBERG
DATE: NOVEMBER, 2011
FIGURE NUMBER: 1 OF 2



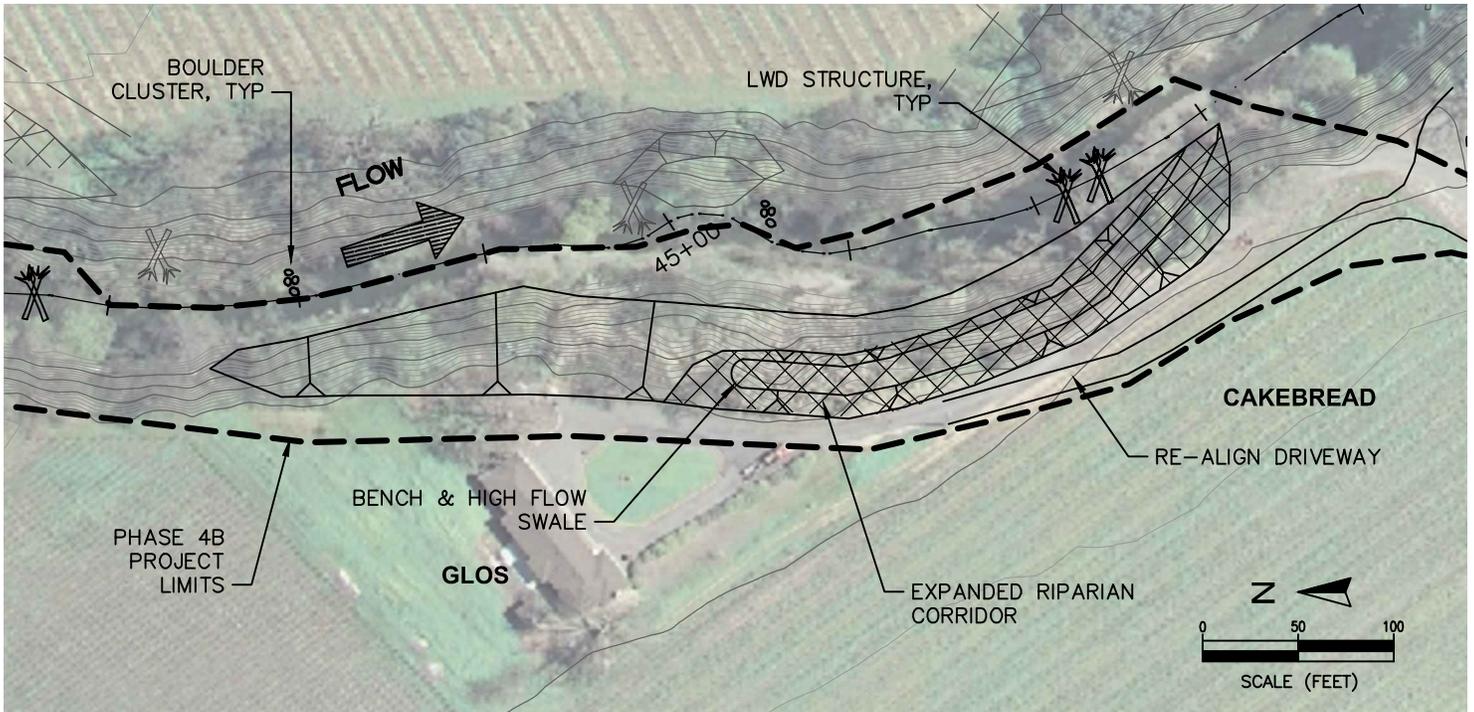
550 KEARNY STREET, SUITE 900
SAN FRANCISCO, CALIFORNIA 94108-2522
PHONE (415) 262-2300 FAX (415) 262-2303

Exhibit 5 - Project Design of Phase 4b

L:\cod\Projects\1993.02_NapaR8-SequoiaGrove\Drawings\Figures\GrantSupport\StateCoastalConservancy\GrantSupport\SCC_GrantFig.dwg 11-03-11 04:55:02 PM bdt



DETAIL - DAVIS BENCH AND ALCOVE



DETAIL - GLOS/ CAKEBREAD BENCH AND HIGH FLOW SWALE

NAPA RIVER RUTHERFORD REACH RESTORATION
REACH 8, PHASE 4B PROJECT ELEMENTS

DRAWN: B. TANAKA
DESIGNED: J. BLOMBERG
DATE: NOVEMBER, 2011
FIGURE NUMBER: 2 OF 2

ESA PWA
550 KEARNY STREET, SUITE 900
SAN FRANCISCO, CALIFORNIA 94108-2522
PHONE (415) 262-2300 FAX (415) 262-2303