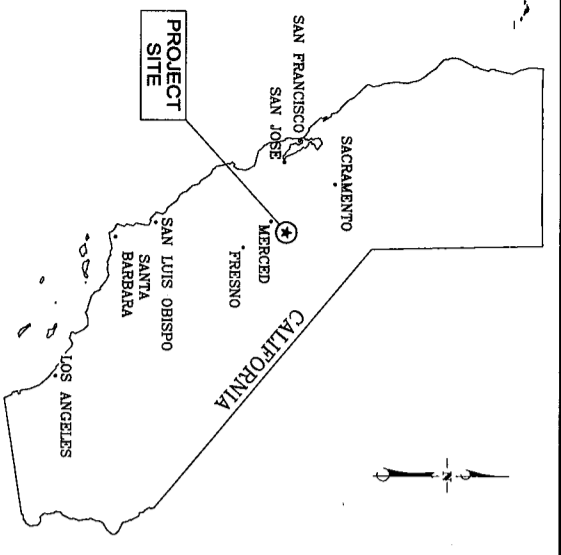
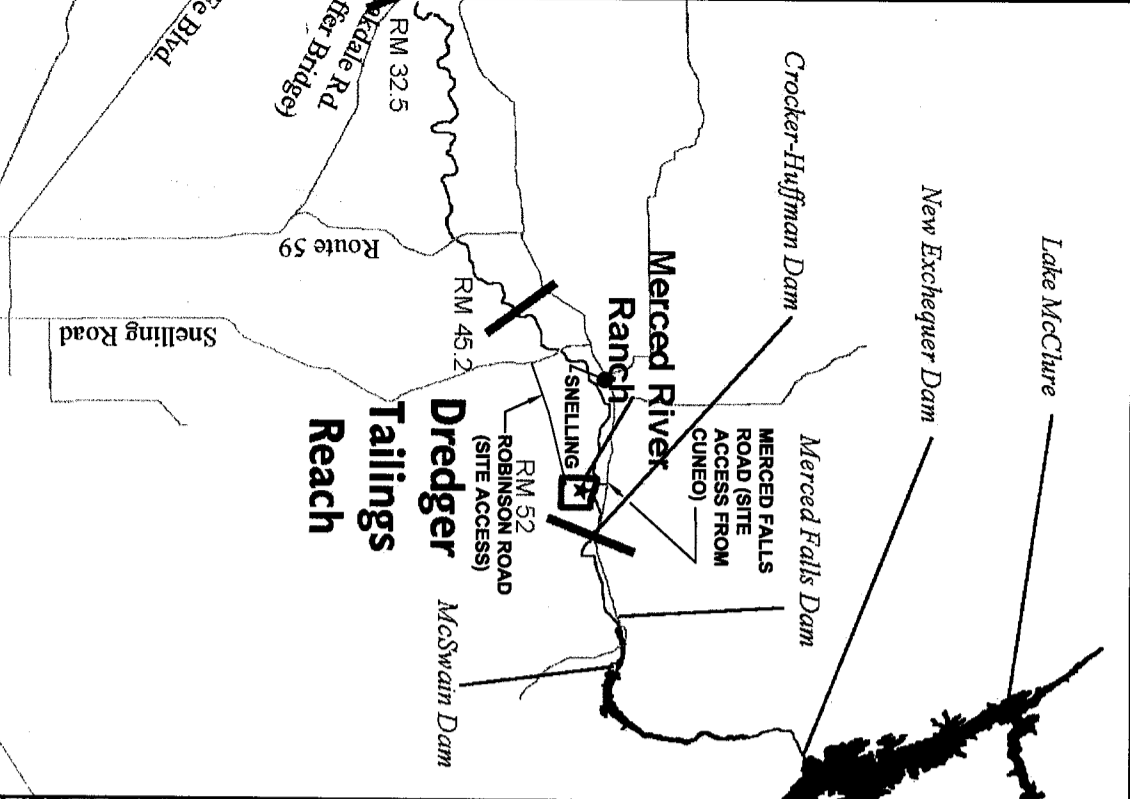


LOCATION MAP

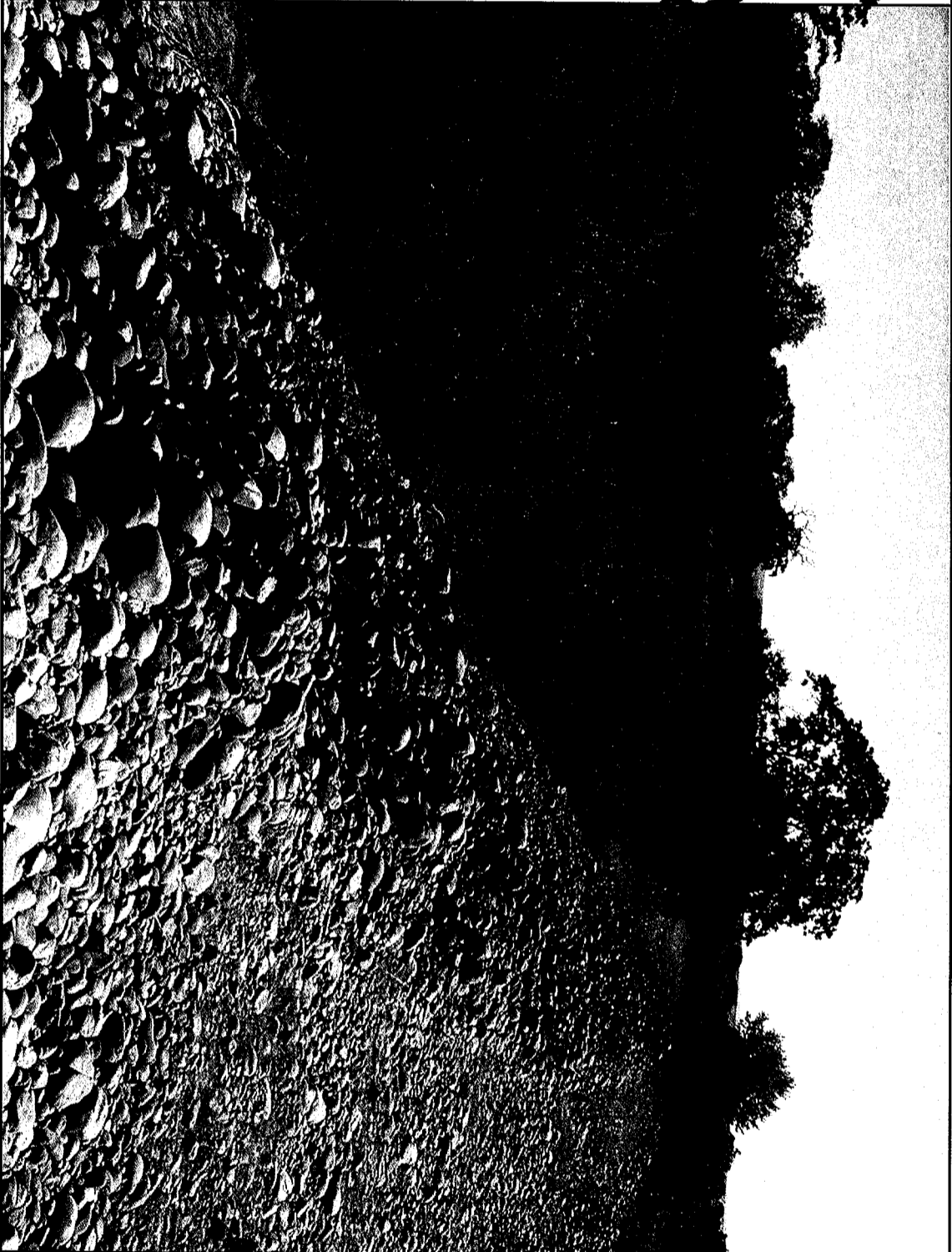


VICINITY MAP



MERCED RIVER RANCH FLOODPLAIN RESTORATION PROJECT NEAR SNELLING MERCED COUNTY, CALIFORNIA

PROJECT AREA PHOTO



0 1.0" 2.0"
 IF THIS BAR DOES NOT MEASURE 2"
 THEN DRAWING IS NOT TO SCALE

URS
 1333 Broadway, Suite 800
 OAKLAND, CA 94612
 Tel: (510) 893-3600
 Fax: (510) 874-3288



DESIGNED: G.S. SAG
 CHECKED: G.S. SAG
 DRAWN: S.G. SAG
 PROJECT MANAGER: S.G. SAG
 DATE: 5/26/06

PROJECT INFORMATION

AREA TO BE RESTORED: 86.5 ACRES (INCL. 7.5 AC. OUTSIDE OF MRR)
 AMOUNT OF CUT SOUTH BANK: 431,789 CUBIC YARDS
 AMOUNT OF FILL SOUTH BANK: 7,599 CUBIC YARDS
 AMOUNT OF CUT RIVER CHANNEL: 25,515 CUBIC YARDS
 AMOUNT OF FILL RIVER CHANNEL: 45,207 CUBIC YARDS
 AMOUNT OF CUT NORTH BANK: 195,079 CUBIC YARDS
 AMOUNT OF FILL NORTH BANK: 6,480 CUBIC YARDS
 TOTAL AMOUNT OF FILL: 59,286 CUBIC YARDS
 TOTAL AMOUNT OF CUT: 652,383 CUBIC YARDS
 PROJECT AREA ELEVATION: 273' - 306' ABOVE SEA LEVEL
 PROJECT AREA SOILS: DREDGER TAILINGS OF VARYING SIZE
 98 PLANTS TO BE REMOVED:
 42 TREES WITH DBH > 10"
 11.9 ACRES OF RIPARIAN & OAK WOODLAND
 13.4 ACRES
 PERMANENTLY IMPACTED OTHER WATERS OF US: 0.7 ACRES
 PERMANENTLY IMPACTED SEASONAL WETLANDS: 20.57 ACRES
 PERMANENTLY IMPACTED FRESHWATER MARSH: 917,000 SQ. FT. (21.05 AC.)
 AREA OF PROTECTED ENVIRONMENTALLY SENSITIVE ZONE: 650,000 SQ. FT. (14.92 AC.)
 AREA OF CREATED LOWER RIPARIAN HERBACEOUS ZONE: 575,000 SQ. FT. (13.20 AC.)
 AREA OF CREATED GREAT VALLEY WILDLIFE GRASSLAND: 118,000 SQ. FT. (2.71 AC.)
 AREA OF CREATED UPLAND MARINE GRASSLAND: 28,000 SQ. FT. (0.64 AC.)
 AREA OF CREATED BUTTUBUSH SCRUB: 35,000 SQ. FT. (0.80 AC.)
 AREA OF CREATED WHITE ALDER STANDS: 229,000 SQ. FT. (5.26 AC.)
 AREA OF CREATED GREAT VALLEY WILLOW SCRUB: 483,000 SQ. FT. (11.10 AC.)
 AREA OF CREATED GREAT VALLEY WILLOW RIPARIAN FOREST: 786,000 SQ. FT. (18.04 AC.)
 AREA OF CREATED GY COTTONWOOD RIPARIAN FOREST: 302,000 SQ. FT. (6.93 AC.)
 AREA OF CREATED VALLEY OAK RIPARIAN FOREST: 123,000 SQ. FT. (2.82 AC.)

LIST OF DRAWINGS

SHEET	TITLE SHEET	KEYMAP & GENERAL NOTES
SHEET G-1	TITLE SHEET	KEYMAP & GENERAL NOTES
SHEET G-2	SITE PREPARATION NOTES AND LEGENDS	
SHEET S-1	SITE PREPARATION SHEET 1 OF 7	
SHEET S-2	SITE PREPARATION SHEET 2 OF 7	
SHEET S-3	SITE PREPARATION SHEET 3 OF 7	
SHEET S-4	SITE PREPARATION SHEET 4 OF 7	
SHEET S-5	SITE PREPARATION SHEET 5 OF 7	
SHEET S-6	SITE PREPARATION SHEET 6 OF 7	
SHEET S-7	SITE PREPARATION SHEET 7 OF 7	
SHEET S-8	CIVIL NOTES AND LEGENDS	
SHEET C-1	GRAVING PLAN SHEET 1 OF 7	
SHEET C-2	GRAVING PLAN SHEET 2 OF 7	
SHEET C-3	GRAVING PLAN SHEET 3 OF 7	
SHEET C-4	GRAVING PLAN SHEET 4 OF 7	
SHEET C-5	GRAVING PLAN SHEET 5 OF 7	
SHEET C-6	GRAVING PLAN SHEET 6 OF 7	
SHEET C-7	GRAVING PLAN SHEET 7 OF 7	
SHEET C-8	RIVER THALWEG PROFILE SHEET 1 OF 2	
SHEET C-9	RIVER THALWEG PROFILE SHEET 2 OF 2	
SHEET C-10	RIVER CONSTRUCTION PROFILE SHEET 1 OF 2	
SHEET C-11	RIVER CONSTRUCTION PROFILE SHEET 2 OF 2	
SHEET C-12	RIVER CHANNEL TYPICAL CROSS SECTIONS	
SHEET C-13	SIDE CHANNEL/SCOUR CHANNEL PROFILE	
SHEET C-14	CIVIL DETAILS	
SHEET P-1	PLANTING NOTES AND LEGENDS	
SHEET P-2	PLANTING PLAN SHEET 1 OF 7	
SHEET P-3	PLANTING PLAN SHEET 2 OF 7	
SHEET P-4	PLANTING PLAN SHEET 3 OF 7	
SHEET P-5	PLANTING PLAN SHEET 4 OF 7	
SHEET P-6	PLANTING PLAN SHEET 5 OF 7	
SHEET P-7	PLANTING PLAN SHEET 6 OF 7	
SHEET P-8	PLANTING PLAN SHEET 7 OF 7	
SHEET P-9	SEED MIXES LIST	
SHEET P-10	PLANTING LIST	
SHEET P-11	PLANTING SECTION	
SHEET P-12	PLANTING DETAILS SHEET 1 OF 2	
SHEET P-13	PLANTING DETAILS SHEET 2 OF 2	
SHEET L-1	SEEDING NOTES AND LEGENDS	
SHEET L-2	SEEDING PLAN SHEET 1 OF 7	
SHEET L-3	SEEDING PLAN SHEET 2 OF 7	
SHEET L-4	SEEDING PLAN SHEET 3 OF 7	
SHEET L-5	SEEDING PLAN SHEET 4 OF 7	
SHEET L-6	SEEDING PLAN SHEET 5 OF 7	
SHEET L-7	SEEDING PLAN SHEET 6 OF 7	
SHEET L-8	SEEDING PLAN SHEET 7 OF 7	
SHEET I-1	IRRIGATION NOTES AND LEGENDS	
SHEET I-2	IRRIGATION PLAN SHEET 1 OF 7	
SHEET I-3	IRRIGATION PLAN SHEET 2 OF 7	
SHEET I-4	IRRIGATION PLAN SHEET 3 OF 7	
SHEET I-5	IRRIGATION PLAN SHEET 4 OF 7	
SHEET I-6	IRRIGATION PLAN SHEET 5 OF 7	
SHEET I-7	IRRIGATION PLAN SHEET 6 OF 7	
SHEET I-8	IRRIGATION PLAN SHEET 7 OF 7	
SHEET I-9	IRRIGATION DETAIL SHEET 1 OF 1	

Merced River Ranch Restoration
 75% DESIGN
 TITLE SHEET
 PROJECT 26814334
 DRAWING G-1

