

## LEGEND

	County Line
	River/Creek/Canal
	Road
	Railroad
	Sutter Pointe Specific Plan Area
	Other Planning Areas

### Source:

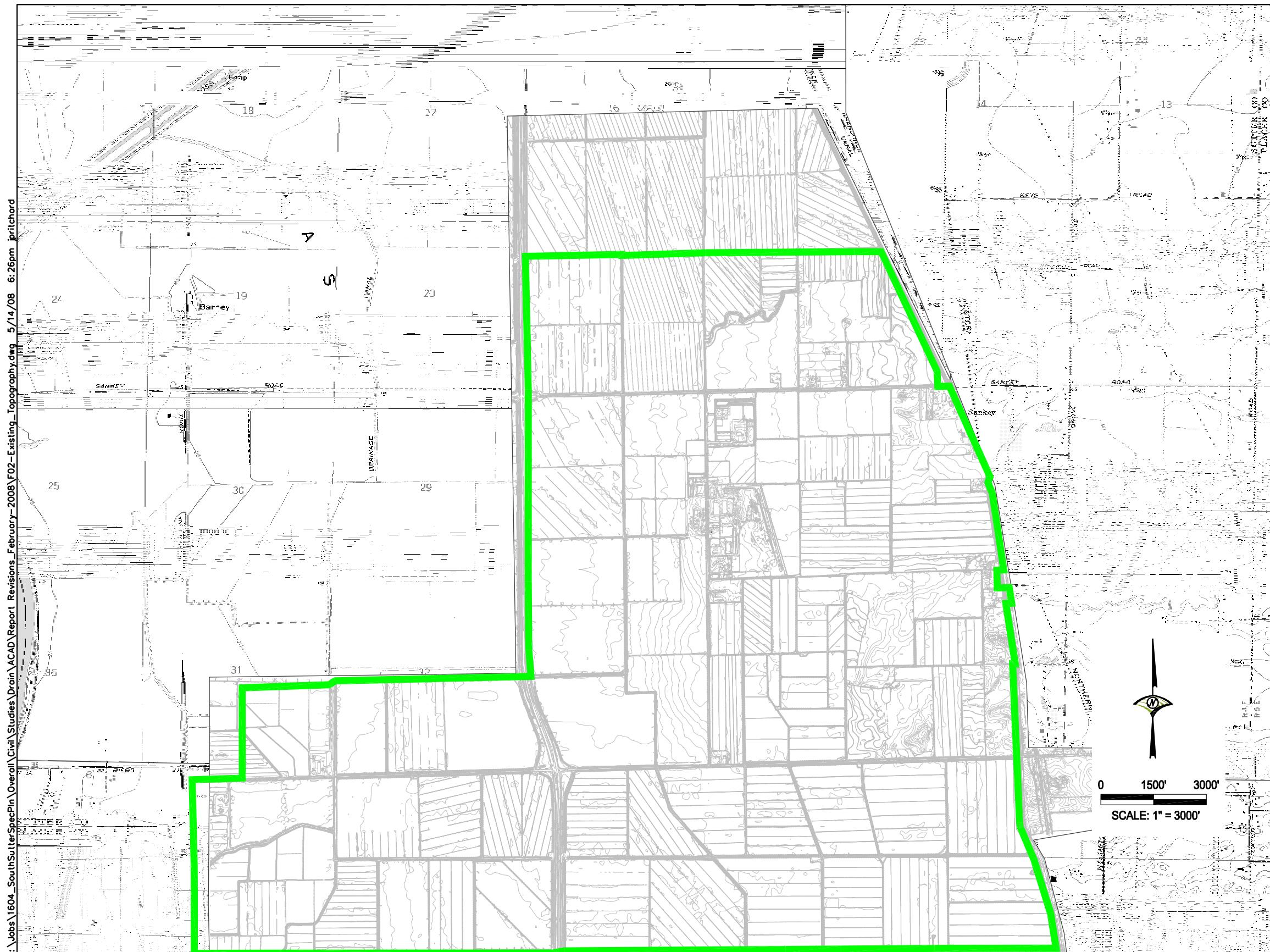
"South Sutter County Specific Plan Area - Drainage Master Plan," Borcalli & Associates, Inc., October 2001.



0 6000' 12000'  
SCALE: 1" = 12000'

**SUTTER POINTE**  
MEASURE "M" GROUP

Figure 1  
Location Map



## SUTTER POINTE MEASURE "M" GROUP

## LEGEND

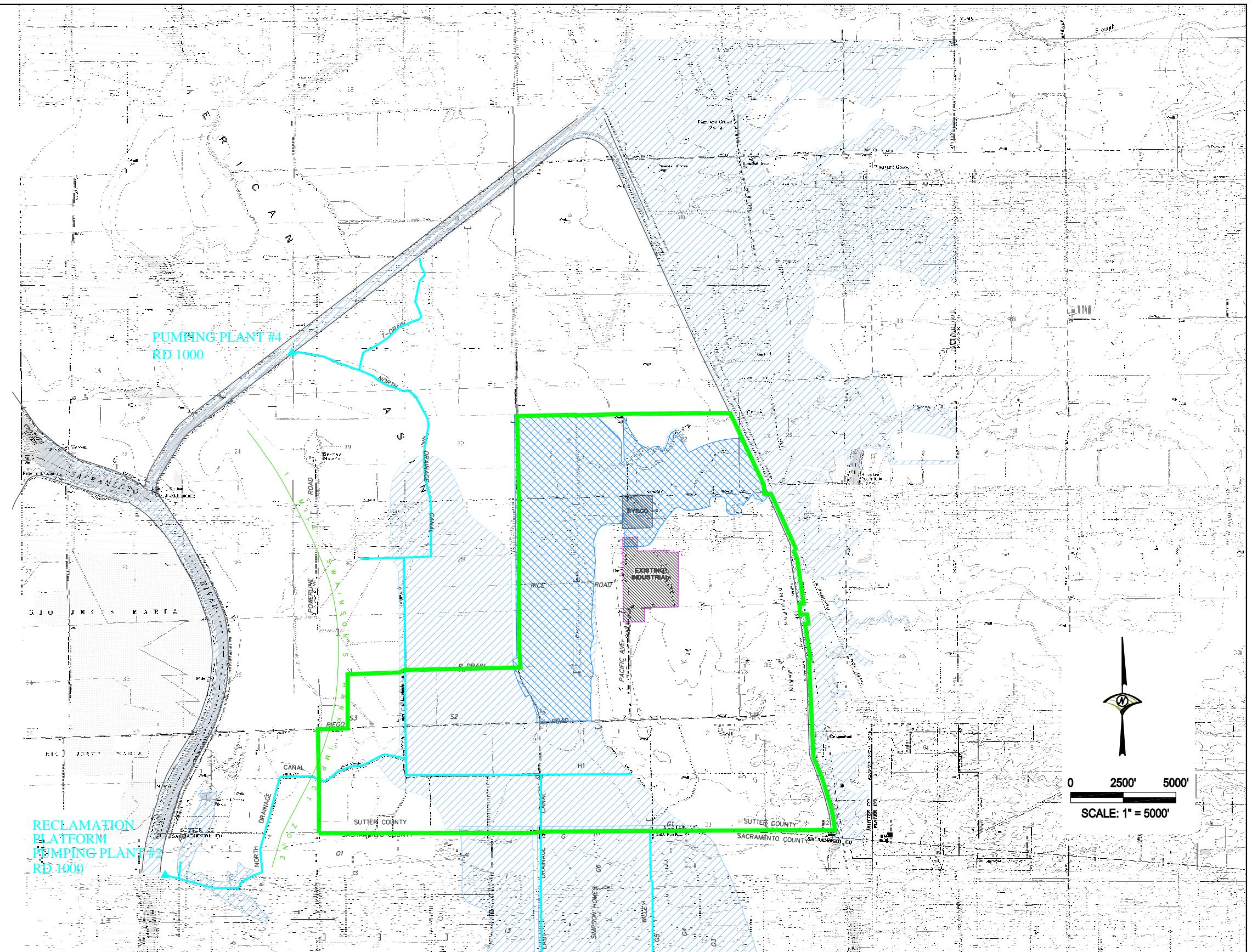


Sutter Pointe Specific Plan Area

### Sources:

1. USGS 7.5 Minute Series (Topographic) Quadrangle Mapping, Vertical Datum is National Geodetic Vertical Datum of 1929(NGVD29).
2. Digital Topographic Mapping performed by Geomaps International, Inc., October 28, 2003 and February 1, 2005. Vertical Datum is NGVD29, Horizontal Datum is North American Datum of 1983 (NAD83), California State Plane II.

Figure 2  
Existing Topography



## SUTTER POINTE MEASURE "M" GROUP

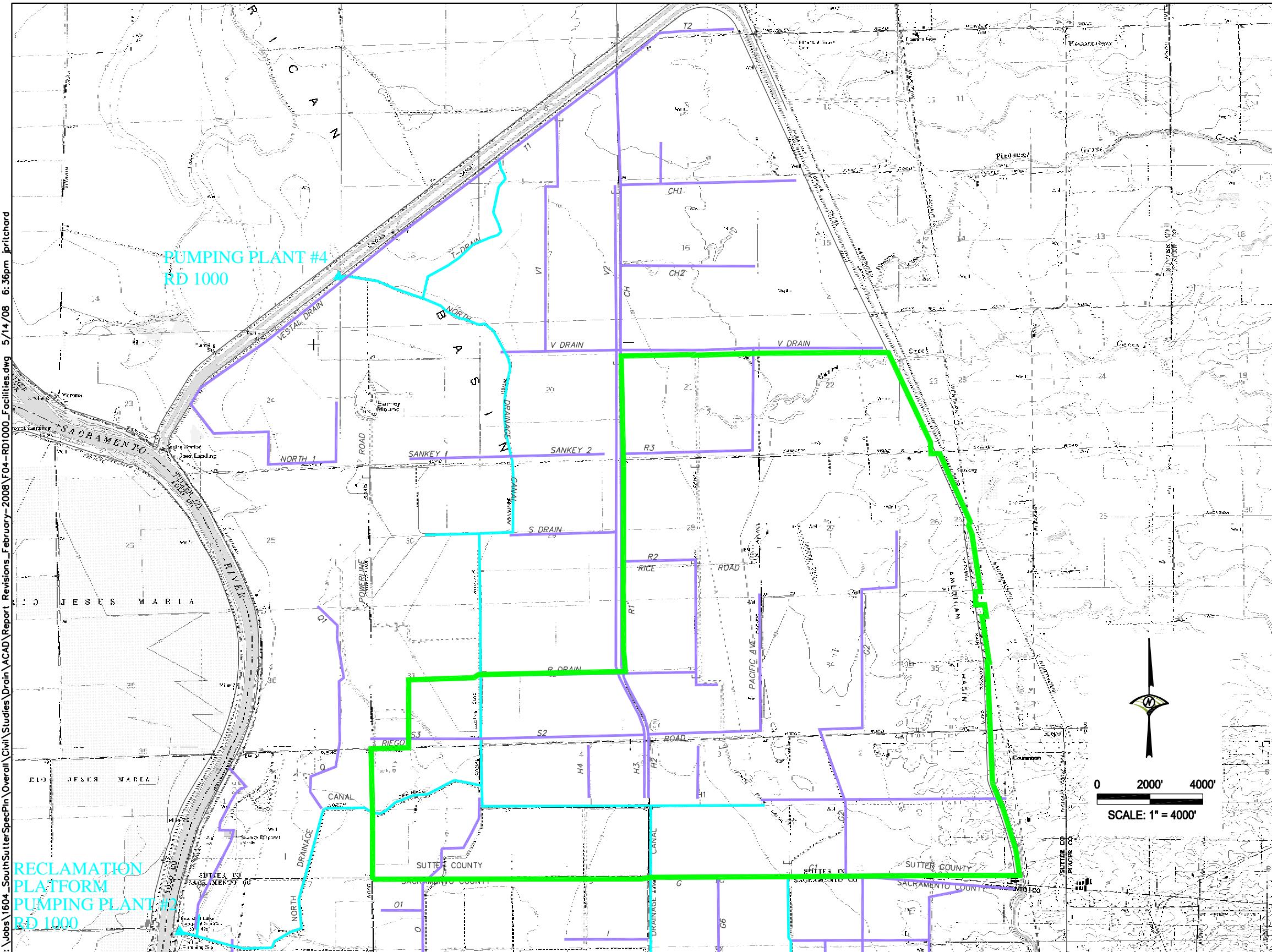
### LEGEND

	Sutter Pointe Specific Plan Area
	RD 1000 Drain
	Swainson's Hawk Impact Zone Within Sutter County Portion of the Natomas Basin
	Existing Development Within or Adjacent to Specific Plan
	Existing FEMA 100-Year Floodplain
	Existing FEMA 100-Year Floodplain From Sankey Gap

#### Sources:

1. USGS 7.5 Minute Series (Topographic Quadrangle Mapping, Vertical Datum is National Geodetic Vertical Datum of 1929 (NGVD29).
2. FEMA FIRM Community Panel Numbers 060394 0305D, 060394 0265D, 060262 0035E, 060262 0055E (All Revised July 6, 1998).
3. RD 1000 map prepared by Mead & Hunt, April 6, 2005.

Figure 3  
Existing Conditions



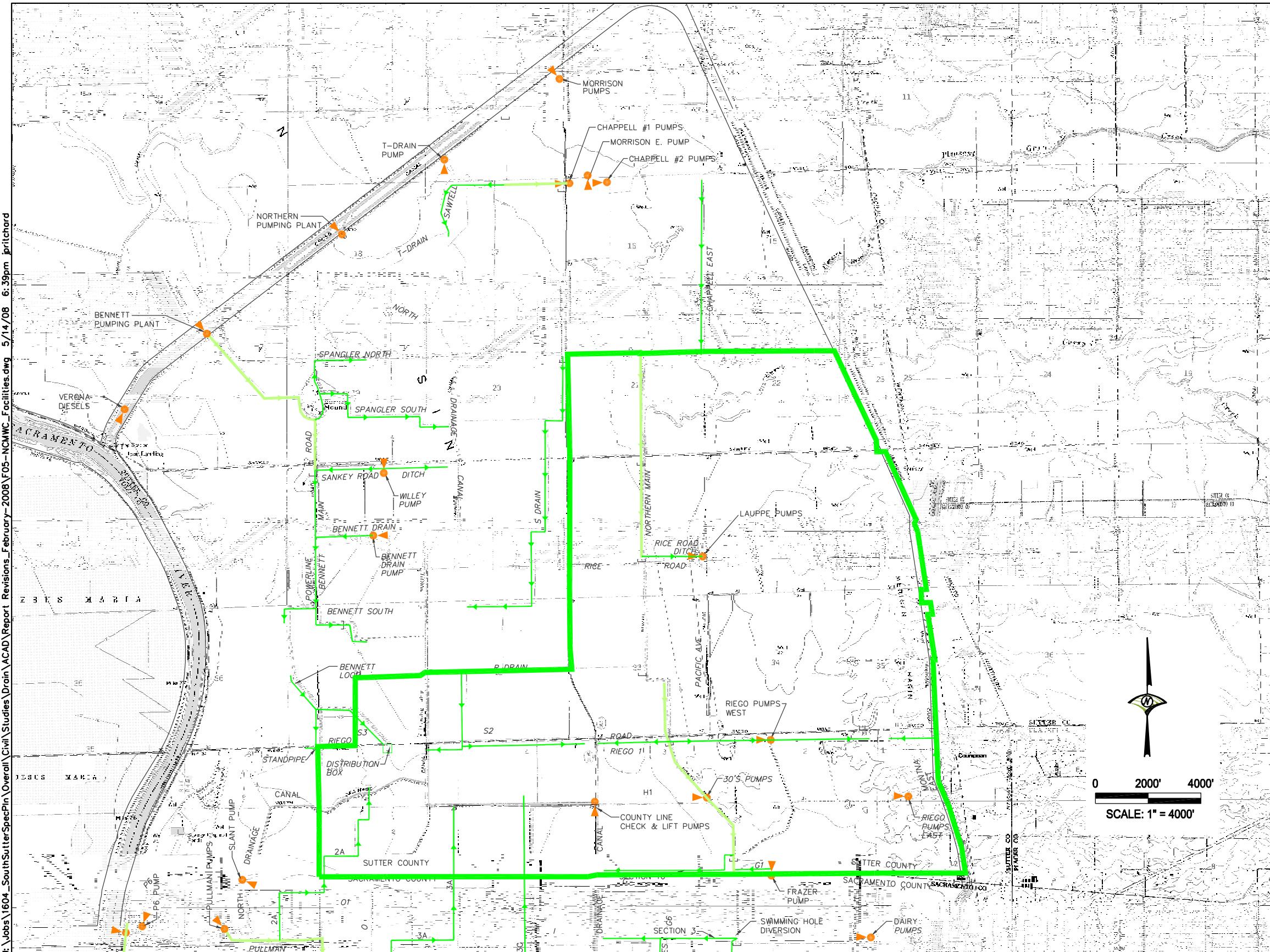
## LEGEND

- Sutter Pointe Specific Plan Area
- RD 1000 Drain
- RD 1000 Subdrain

### Sources:

1. USGS 7.5 Minute Series (Topographic) Quadrangle Mapping, Vertical Datum is National Geodetic Vertical Datum of 1929 (NGVD29).
2. RD 1000 map prepared by Mead & Hunt, April 6, 2005.

**SUTTER POINTE**  
MEASURE "M" GROUP



**SUTTER POINTE**  
MEASURE "M" GROUP

## LEGEND

- Sutter Pointe Specific Plan Area
- NCMWC High Line Ditch
- NCMWC Lateral
- NCMWC Pump Station

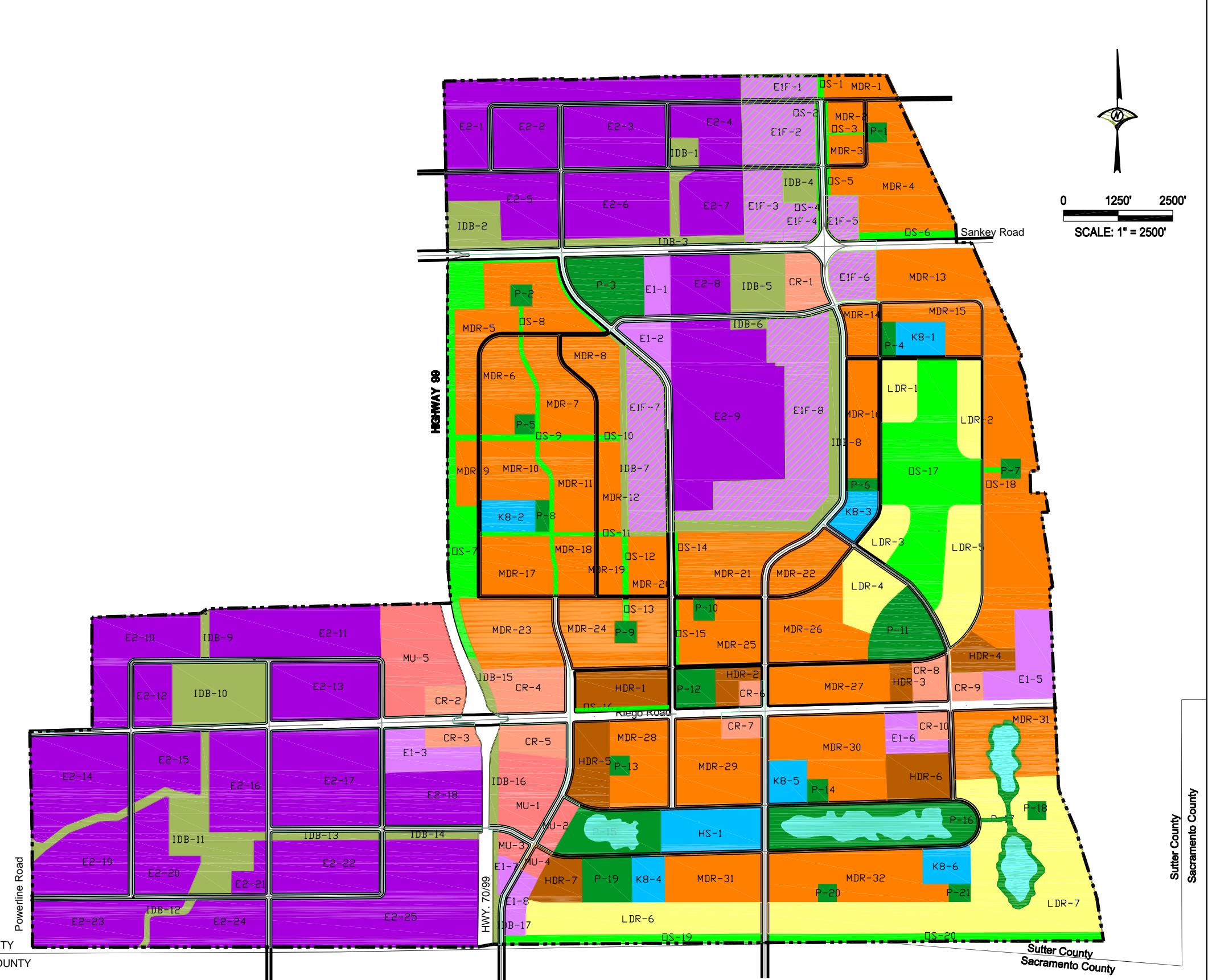
**Note:**

NCMWC is Natomas Central Mutual Water Company.

**Sources:**

1. USGS 7.5 Minute Series (Topographic) Quadrangle Mapping, Vertical Datum is National Geodetic Vertical Datum of 1929 (NGVD29).
2. "South Sutter County Specific Plan Area - Drainage Master Plan," Borcalli & Associates, Inc., October 2001.

**Figure 5**  
NCMWC Facilities



**SUTTER POINTE**  
MEASURE "M" GROUP

## LEGEND

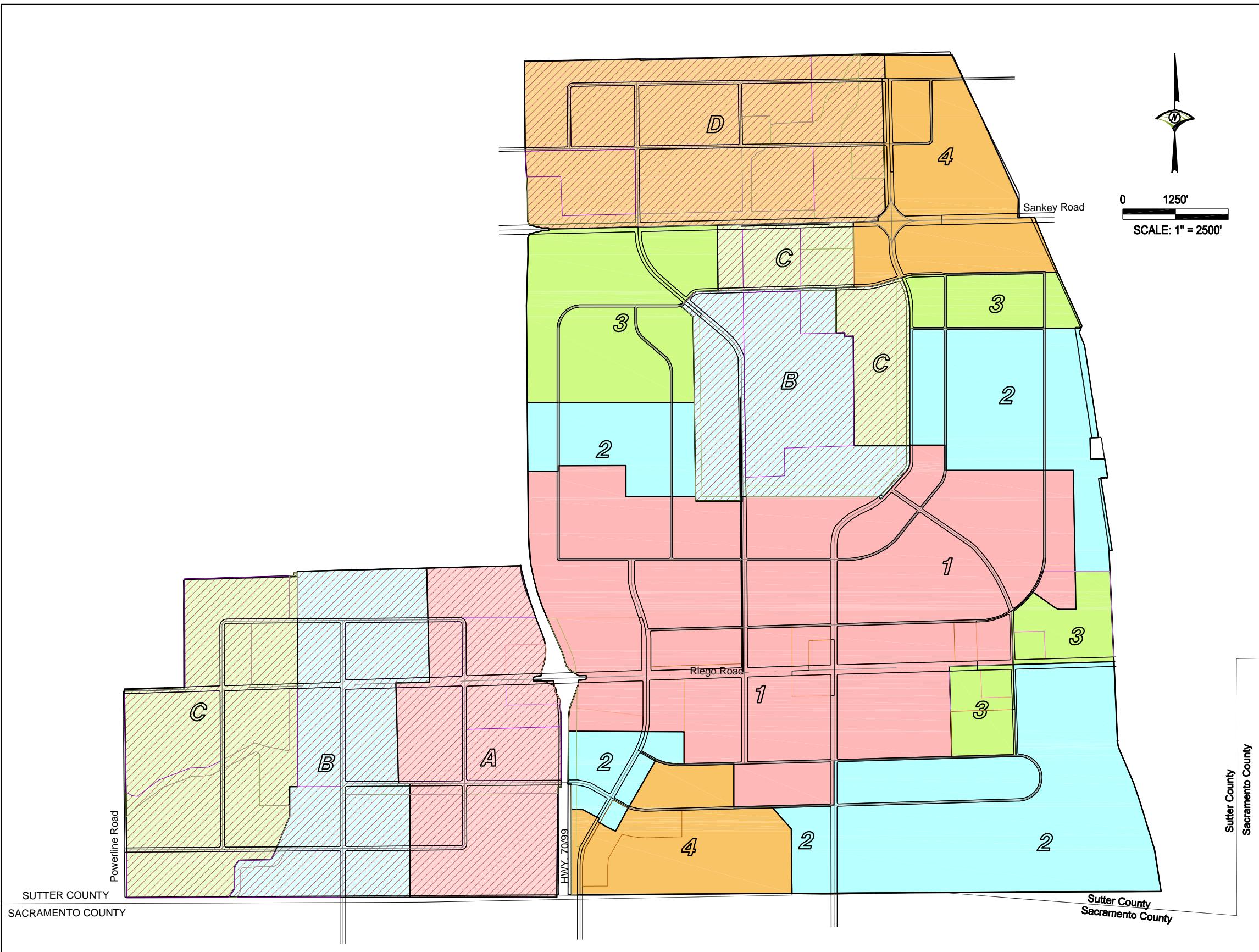
### LAND USE DESIGNATIONS

SYMBOL	LAND USE CATEGORY
LDR	Low Density Residential
MDR	Medium Density Residential
HDR	High Density Residential
E1	Employment 1
E1F	E1 Interim Flood Zone
E2	Employment 2
CR	Commercial Retail
IDB	Industrial Drainage Basin
MU	Mixed Use
POS	Parks & Open Space
NP	Neighborhood Parks
K-8	K-8 School
HS	High School
---	SPECIFIC PLAN BOUNDARY

**Source:**

Land Use base map information provided by EDAW, February 2008.

**Figure 6**  
Land Use Plan



## LEGEND

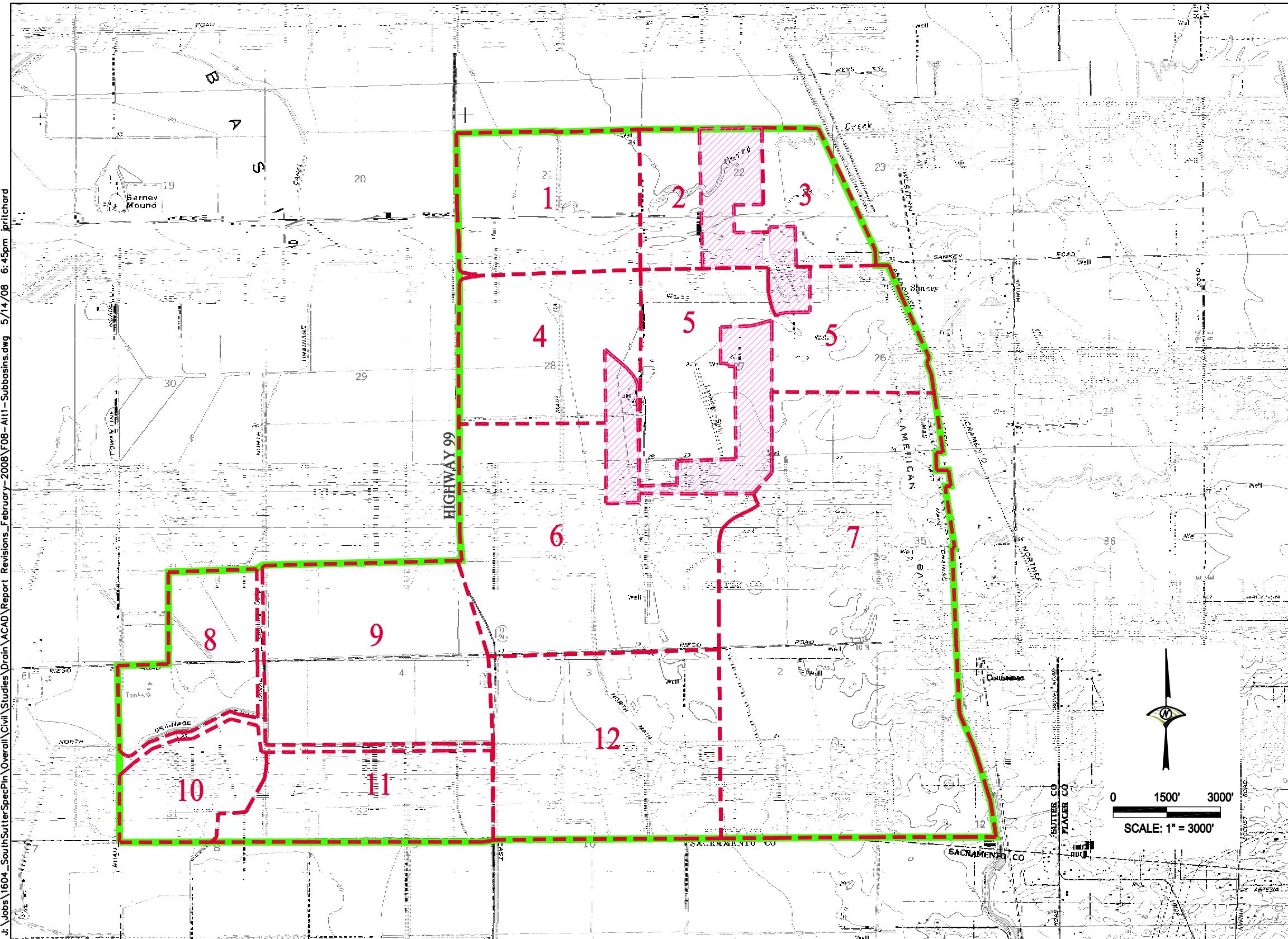
	Phase 1
	Phase A
	Phase 2
	Phase B
	Phase 3
	Phase C
	Phase 4
	Phase D
	Sutter Pointe Specific Plan Area

### Source:

Land Use phasing map information provided by MacKay & Samps, March 2008.

**SUTTER POINTE**  
MEASURE "M" GROUP

Figure 7  
Phasing Plan



# SUTTER POINTE

## MEASURE "M" GROUP

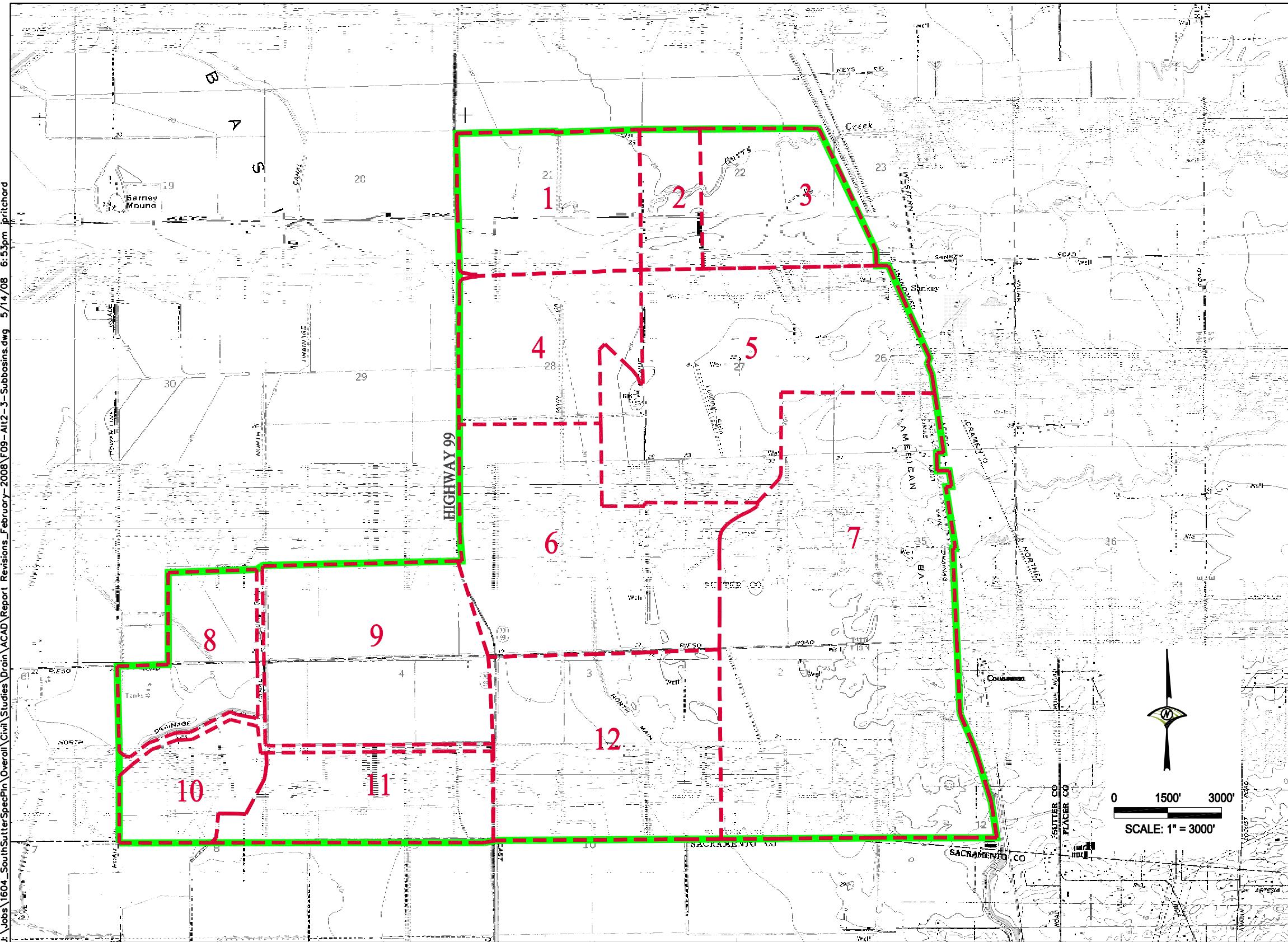
### LEGEND

- Sutter Pointe Specific Plan Area
- Subbasin Boundary
- Detention Storage for Sankey Spill
- Subbasin Number

Source:

USGS 7.5 Minute Series (Topographic) Quadrangle Mapping, Vertical Datum is National Geodetic Vertical Datum of 1929 (NGVD29).

Figure 8  
Subbasin Map - Alternative 1  
Sankey Spill Mitigated On-Site



## LEGEND

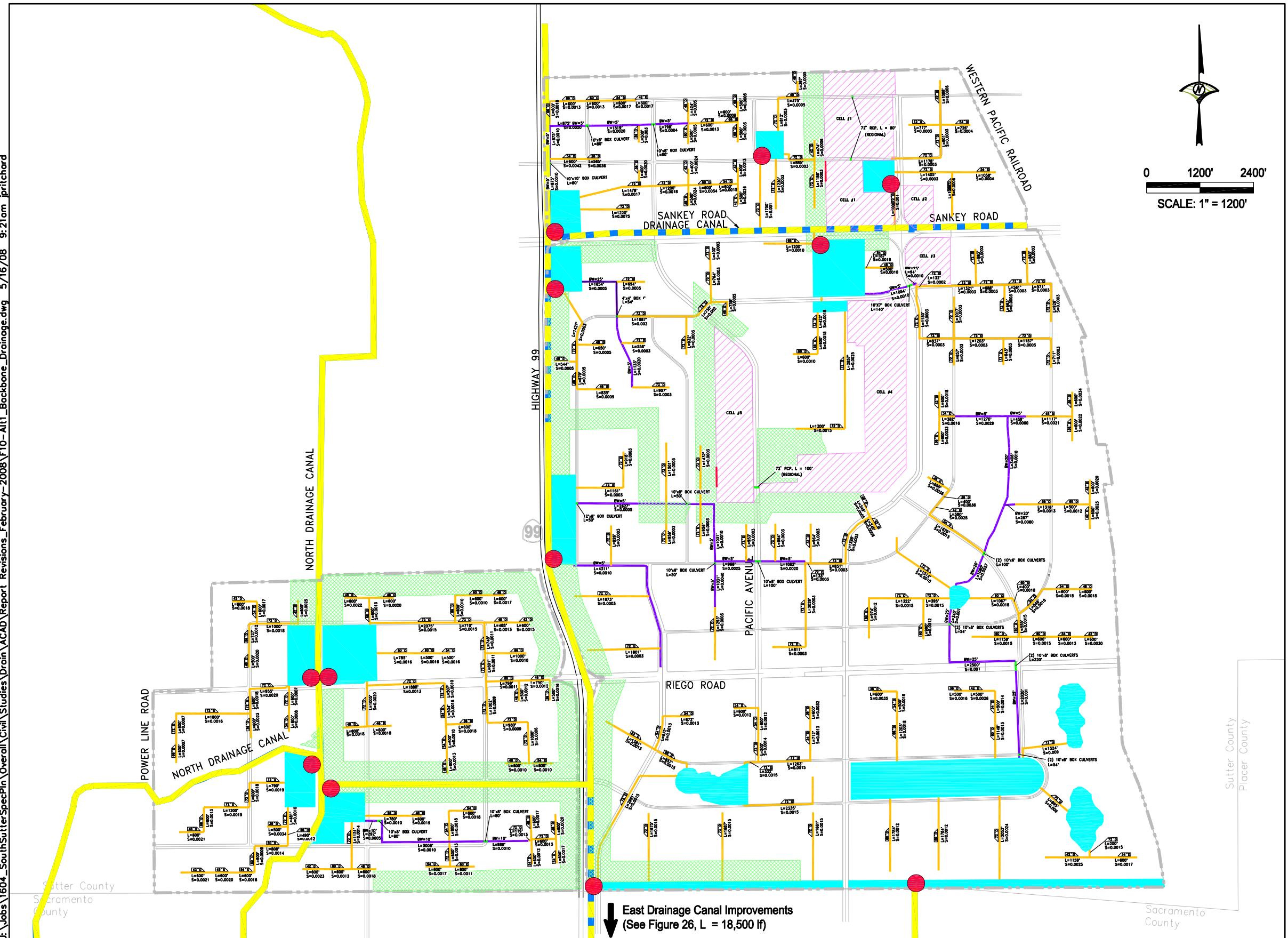
- Sutter Pointe Specific Plan Area
- Subbasin Boundary
- 1 Subbasin Number

Source:

USGS 7.5 Minute Series (Topographic) Quadrangle Mapping, Vertical Datum is National Geodetic Vertical Datum of 1929 (NGVD29).

**SUTTER POINTE**  
MEASURE "M" GROUP

Figure 9  
Subbasin Map - Alternatives 2 & 3  
Sankey Spill Mitigated Off-Site



## LEGEND

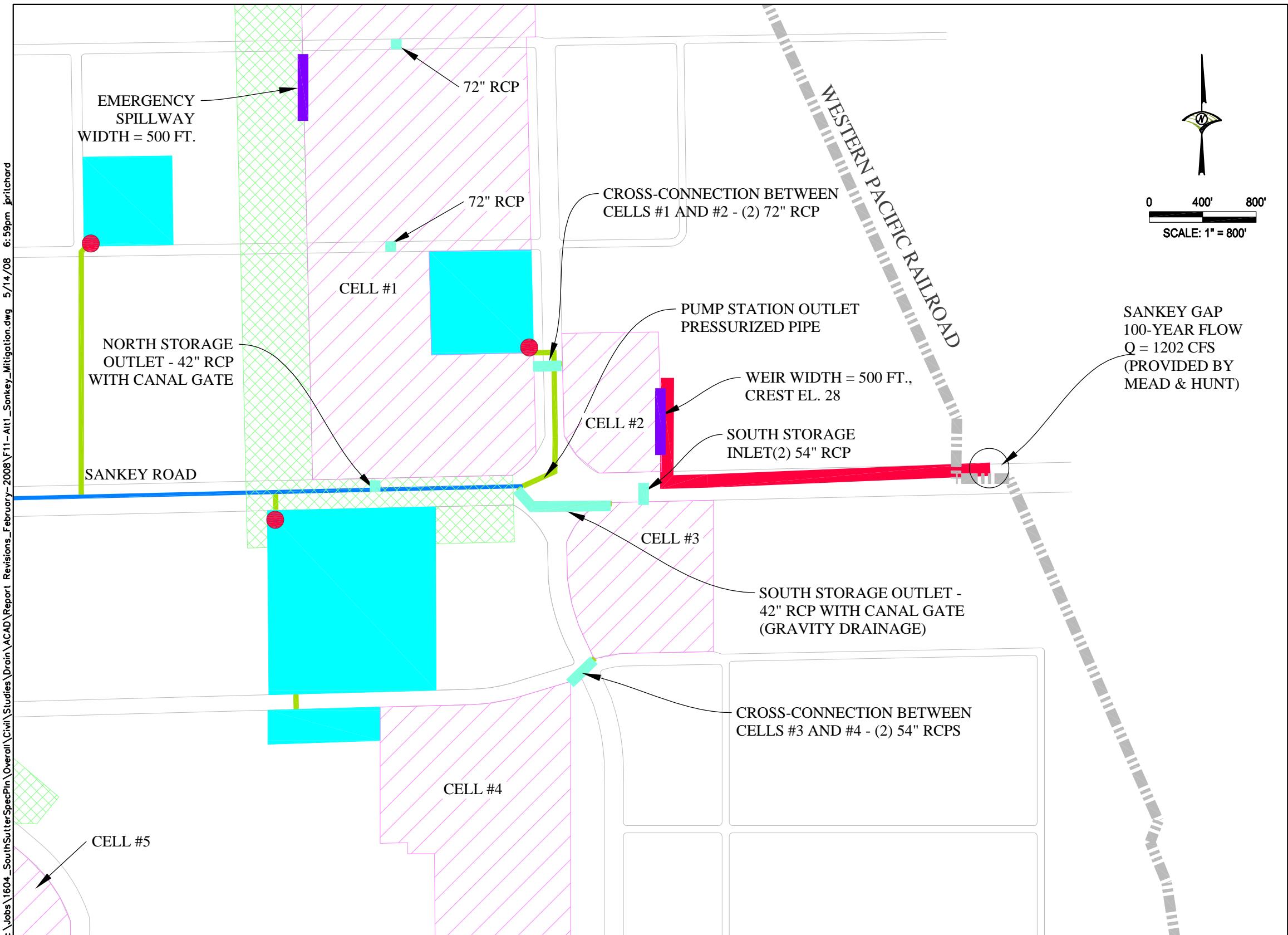
- Sutter Pointe Specific Plan Area
- Improved RD 1000 Facility (Regional)
- RD 1000 Facility (Unimproved)
- Proposed Storm Drain
- Proposed Open Channel Corridor
- Proposed Emergency Spillway
- Proposed Culvert
- Proposed Detention Basin for Sankey Spill (Regional)
- Proposed Detention Basin for Local Drainage
- Proposed Pump Station
- Raised Shed Boundary and Shed Grading

**SUTTER POINTE**  
MEASURE "M" GROUP

Figure 10

Alternative 1  
Conceptual Drainage Plan

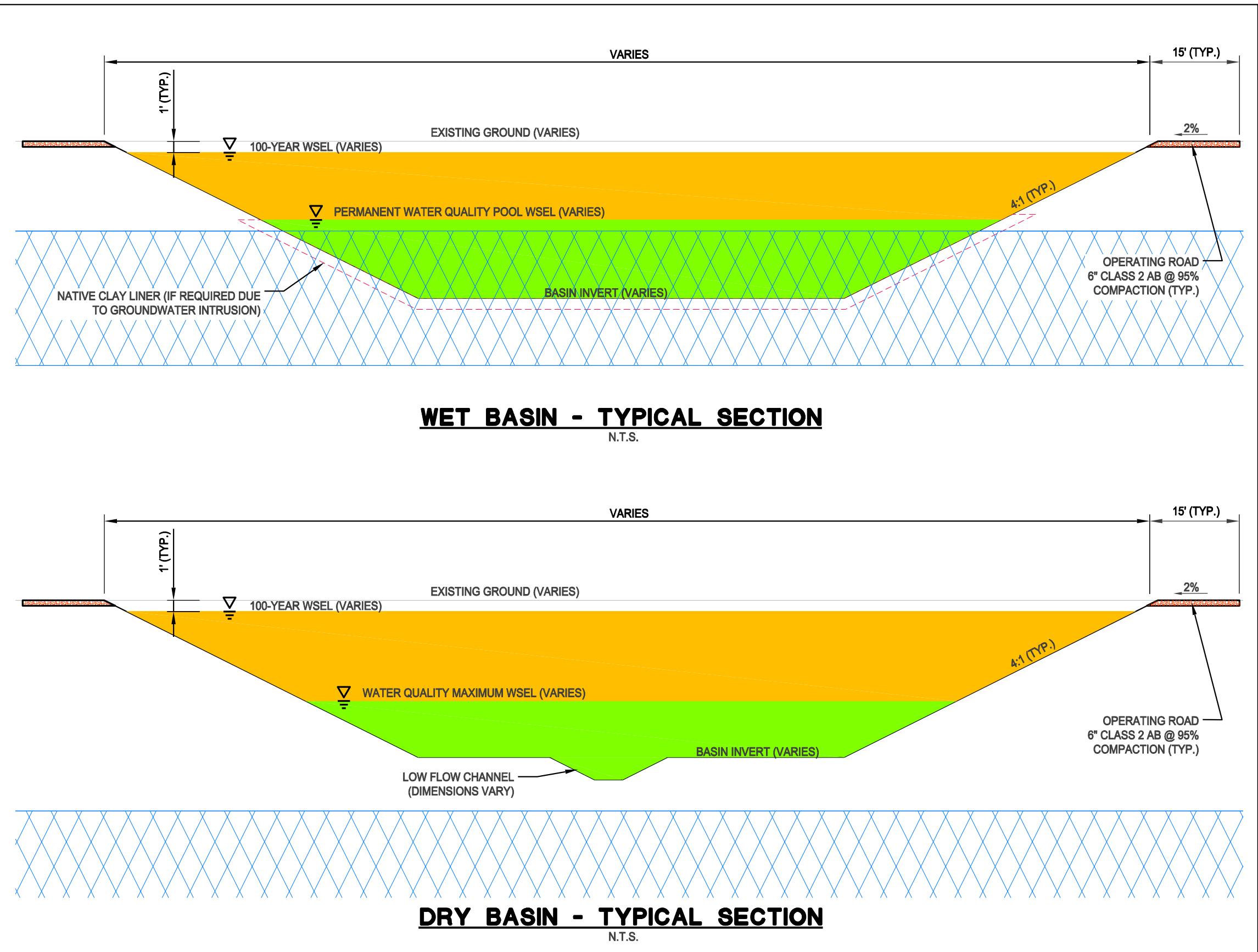
WOOD RODGERS  
DEVELOPING INNOVATIVE DESIGN SOLUTIONS



# SUTTER POINTE

## MEASURE "M" GROUP

Figure 11  
Alternative 1  
On-Site Sankey Spill Mitigation



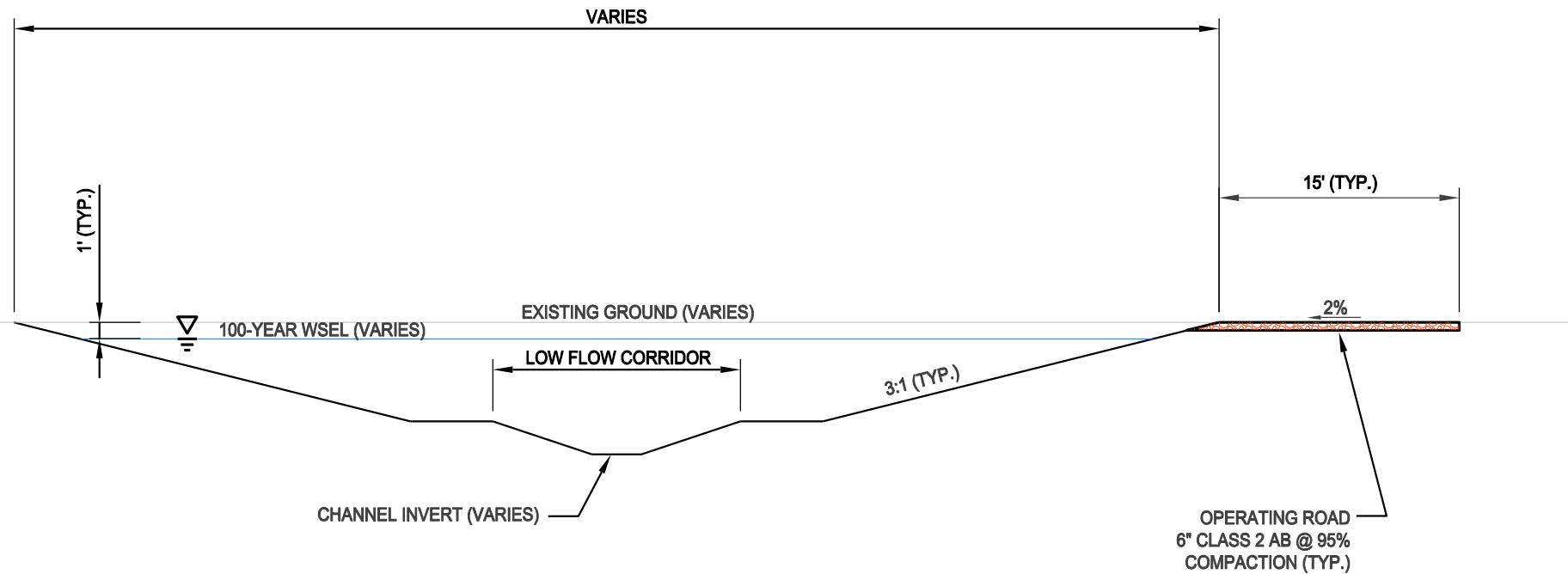
## LEGEND

- Flood Control Volume, 5-7.5 Feet Depth Below Existing Grade (Includes 1-Foot Of Freeboard)
- Water Quality Pool, 5-20 Feet Below Existing Grade
- Typical Groundwater Depth, 8-20 Feet Below Existing Grade

Note: Sideslopes may vary 2:1 to 5:1 due to final joint use/design considerations for specific basins.

**SUTTER POINTE**  
MEASURE "M" GROUP

Figure 12  
Typical Section - On-Site Detention



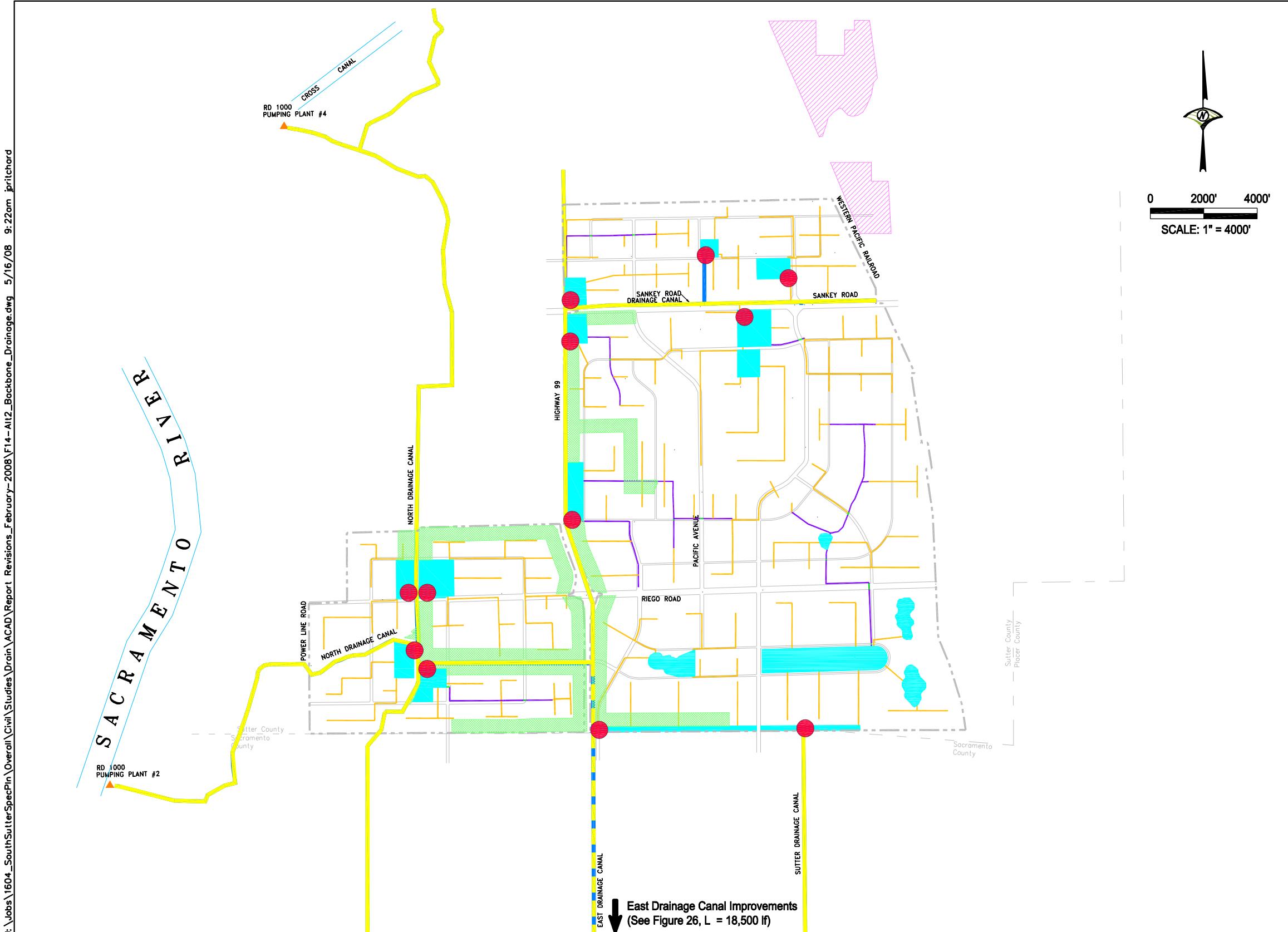
NOTE: 6' HIGH CHAINLINK FENCE SHALL BE PLACED ON BOTH SIDES OF CHANNEL (TYP.)

**TYPICAL SECTION**  
N.T.S.

**SUTTER POINTE**  
MEASURE "M" GROUP

**LEGEND**

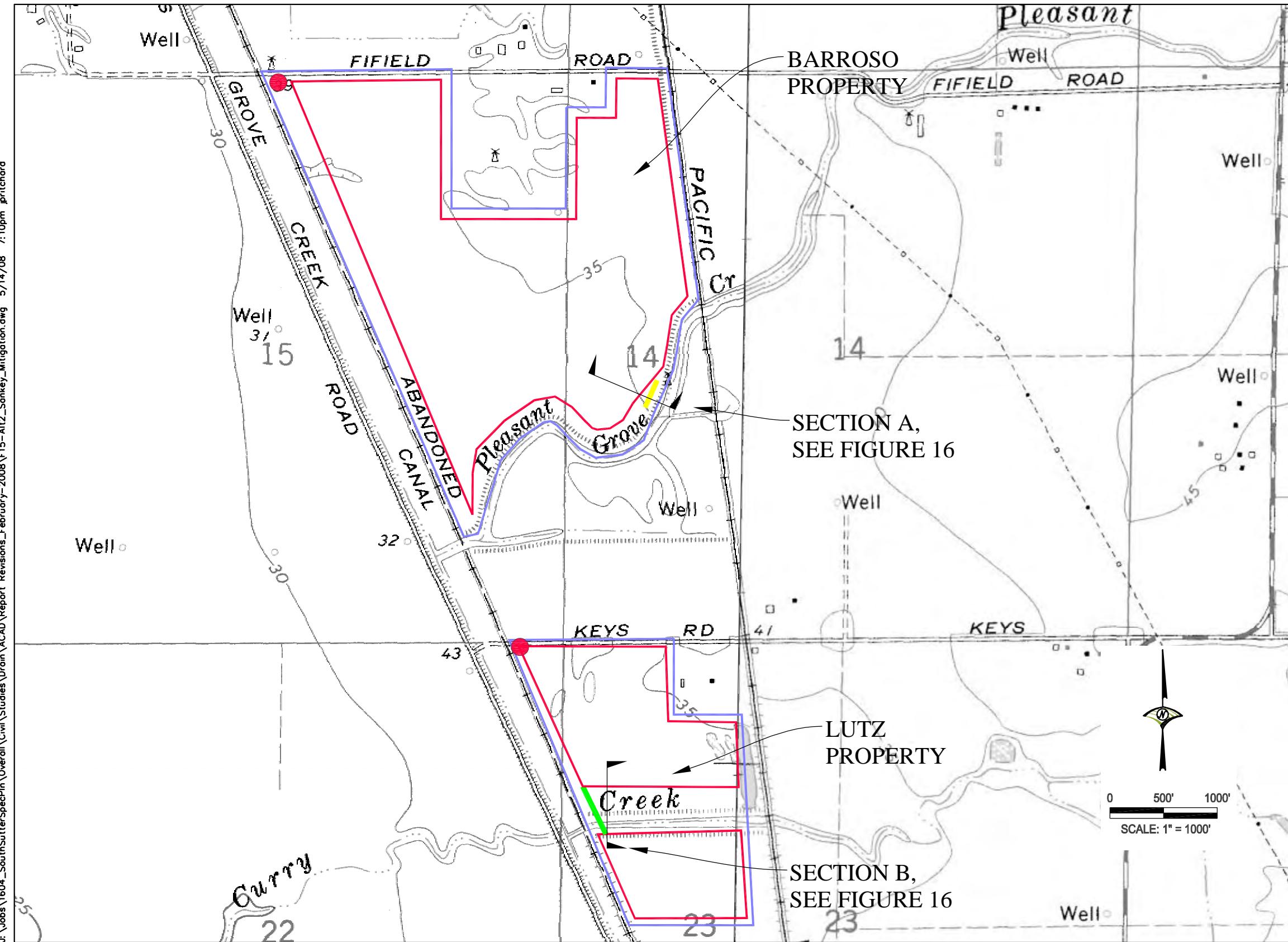
Figure 13  
Typical Section - Open Channel



# SUTTER POINTE

## MEASURE "M" GROUP

Figure 14  
Alternative 2  
Conceptual Drainage Plan



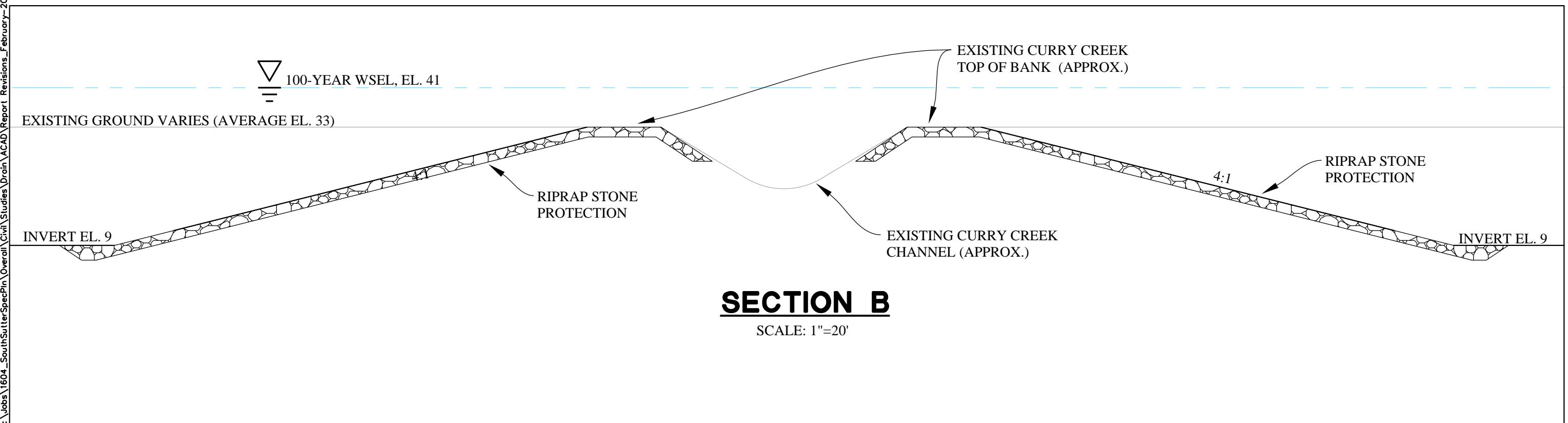
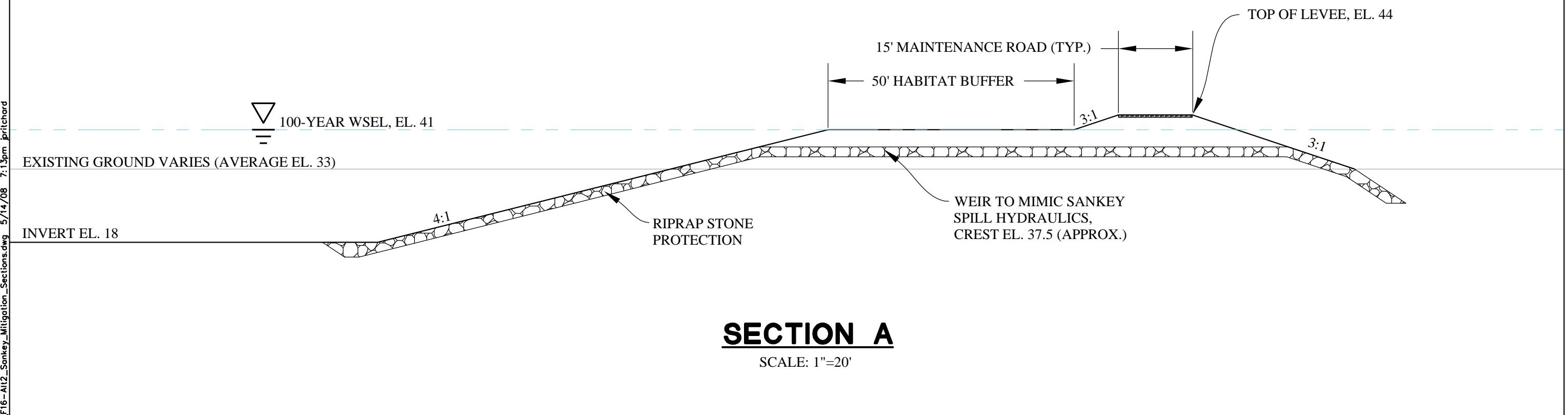
# SUTTER POINTE

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## MEASURE "M" GROUP

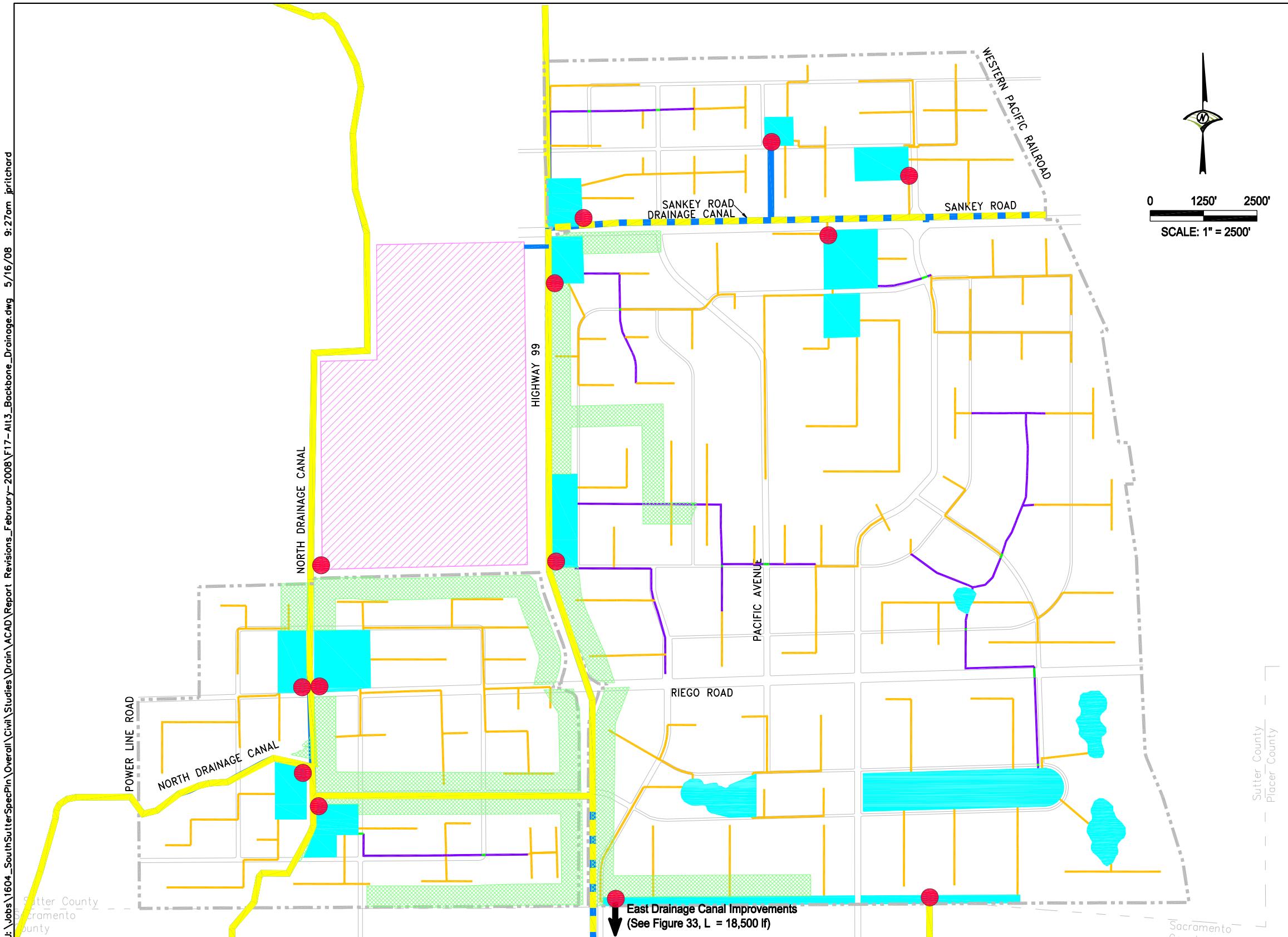
## Figure 15 Alternative 2 Off-Site Sankey Spill Mitigation





**SUTTER POINTE**  
MEASURE "M" GROUP

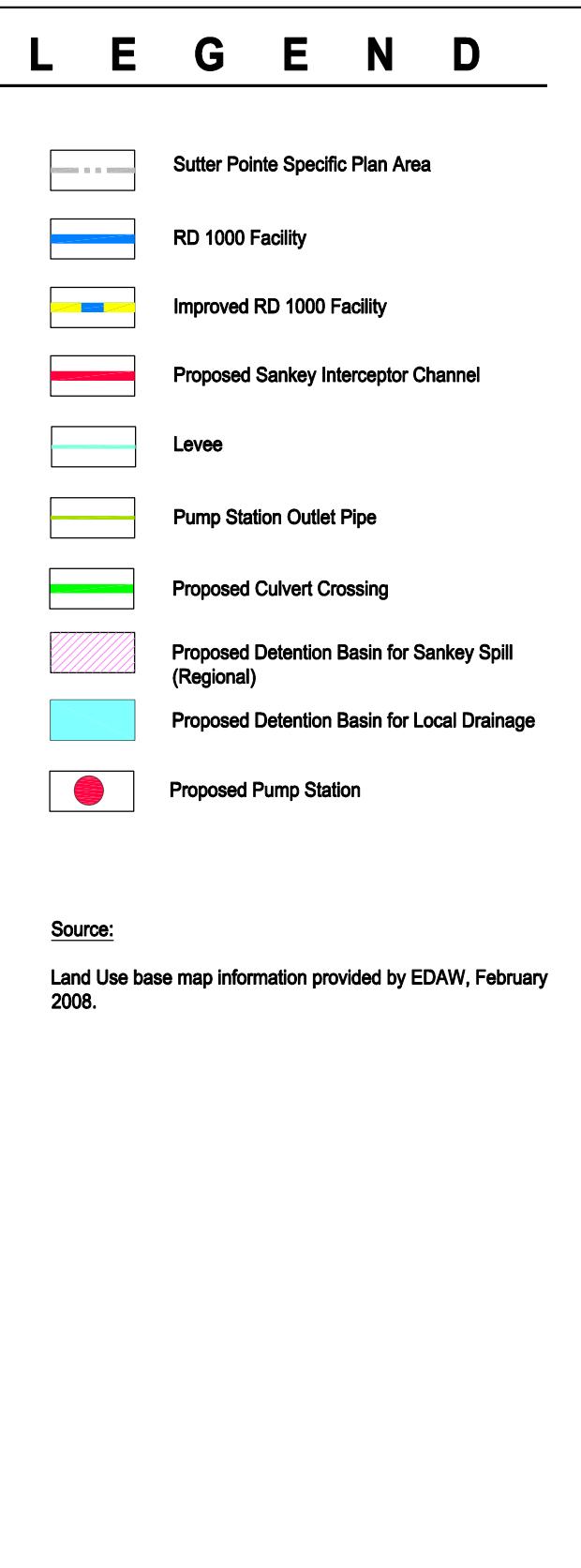
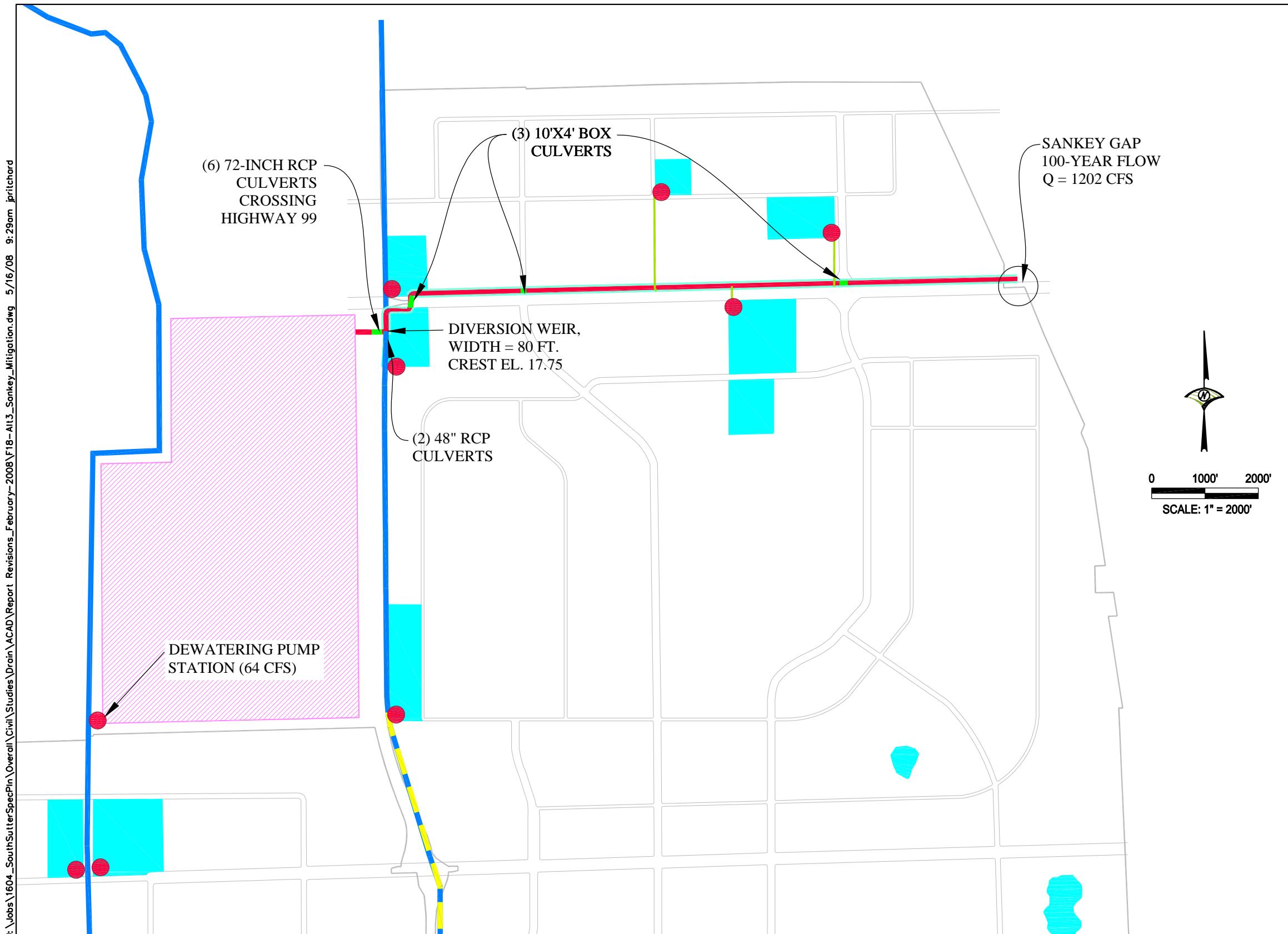
Figure 16  
Alternative 2  
Off-Site Sankey Spill Mitigation - Sections



# SUTTER POINTE MEASURE "M" GROUP

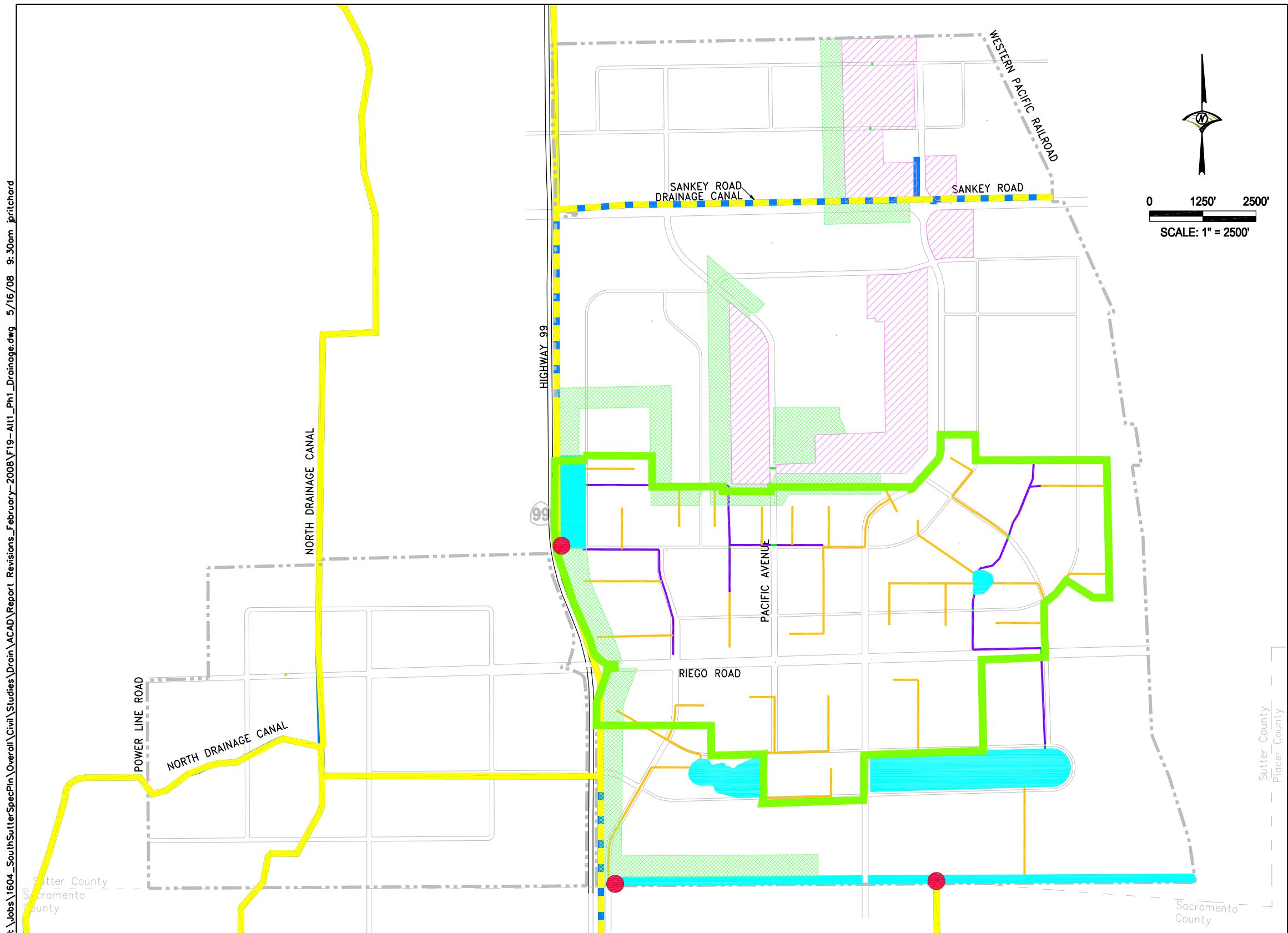
Figure 17  
Alternative 3  
Conceptual Drainage Plan





## SUTTER POINTE MEASURE "M" GROUP

Figure 18  
Alternative 3  
On-Site Sankey Spill Mitigation



## LEGEND

- Sutter Pointe Specific Plan Area
- Phase 1 Development Area
- Improved RD 1000 Facility
- RD 1000 Facility
- Regional Drainage Facility
- Proposed Storm Drain
- Proposed Open Channel Corridor
- Proposed Crossing
- Proposed Regional Detention Basin for Sankey Spill
- Proposed Detention Basin for Local Drainage
- Proposed Pump Station
- Areas Requiring Fill to Provide Protection From Off-Site 100-Year Floodplain

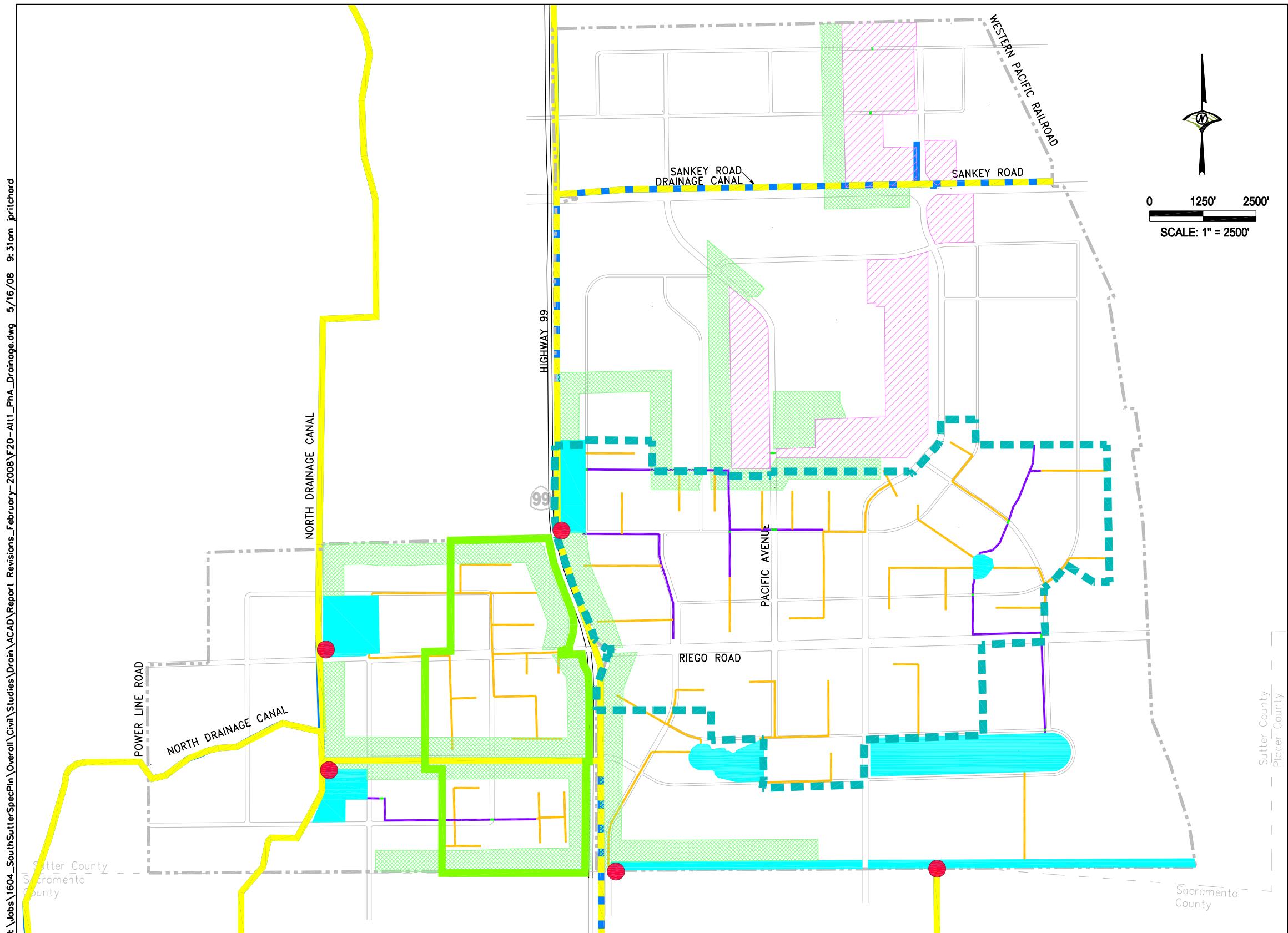
### Source:

Land Use base map information provided by EDAW.

# SUTTER POINTE

## MEASURE "M" GROUP

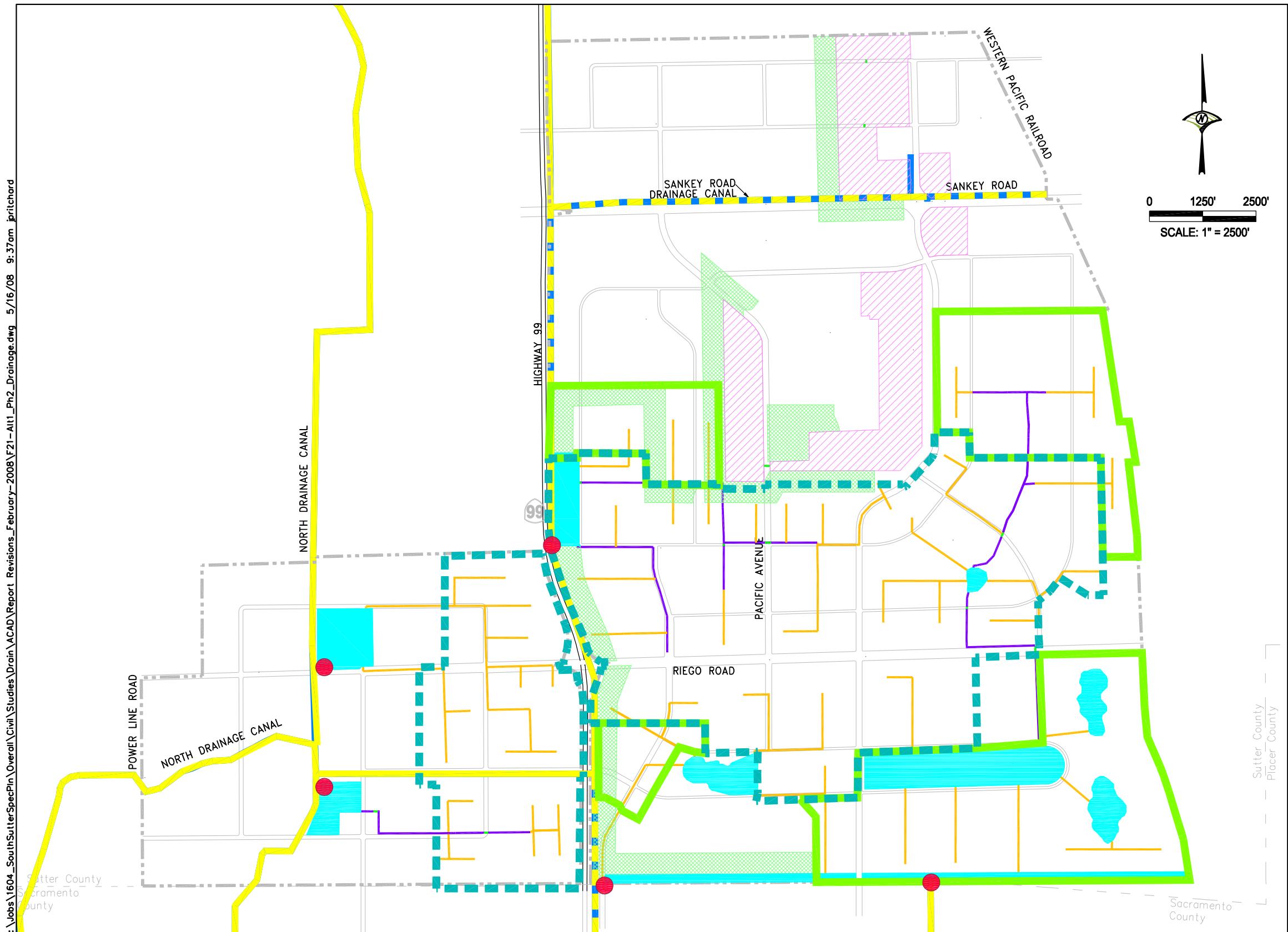
Figure 19  
Alternative 1  
Conceptual Drainage Plan - Phase 1



# SUTTER POINTE

## MEASURE "M" GROUP

Figure 20  
Alternative 1  
Conceptual Drainage Plan - Phase A



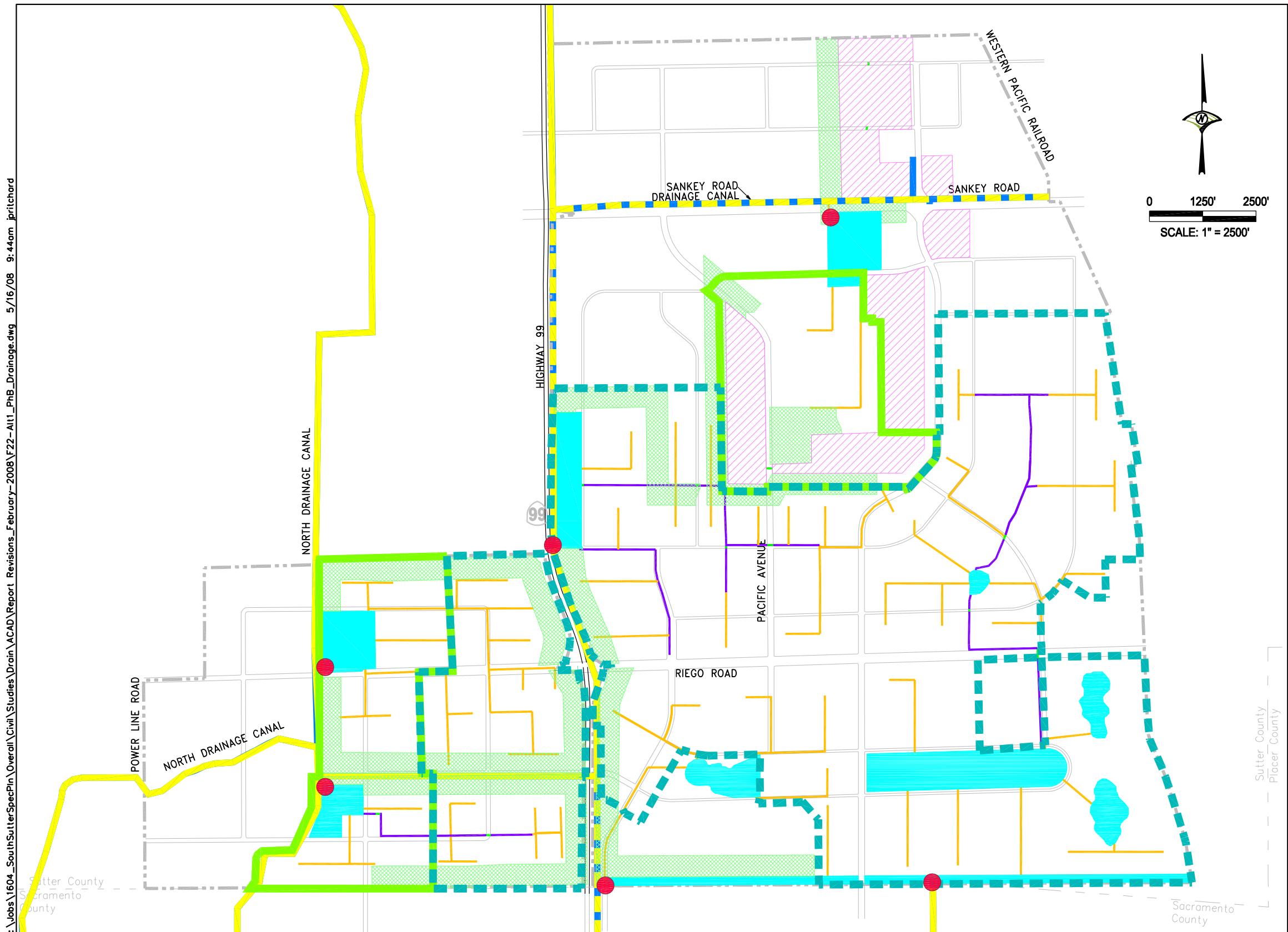
**Source:**

Land Use base map information provided by EDAW.

# SUTTER POINTE

## MEASURE "M" GROUP

Figure 21  
Alternative 1  
Conceptual Drainage Plan - Phase 2



## LEGEND

- Sutter Pointe Specific Plan Area
- Phase B Development Area
- Areas Developed in Prior Phases
- Improved RD 1000 Facility
- RD 1000 Facility
- Regional Drainage Facility
- Proposed Storm Drain
- Proposed Open Channel Corridor
- Proposed Crossing
- Proposed Regional Detention Basin for Sankey Spill
- Proposed Detention Basin for Local Drainage
- Proposed Pump Station
- Areas Requiring Fill to Provide Protection From Off-Site 100-Year Floodplain

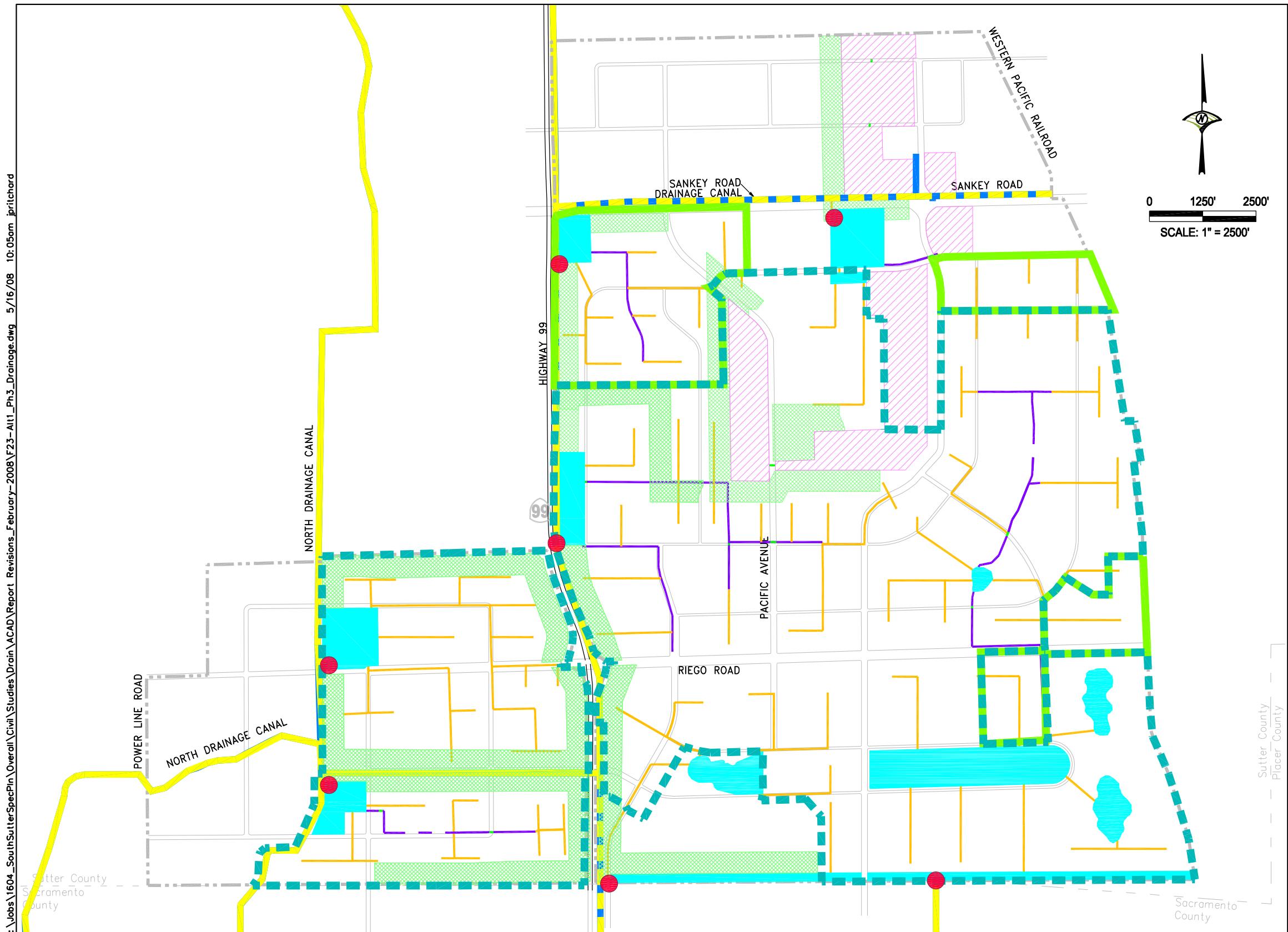
### Source:

Land Use base map information provided by EDAW.

# SUTTER POINTE

## MEASURE "M" GROUP

Figure 22  
Alternative 1  
Conceptual Drainage Plan - Phase B



## LEGEND

- Sutter Pointe Specific Plan Area
- Phase 3 Development Area
- Areas Developed in Prior Phases
- Improved RD 1000 Facility
- RD 1000 Facility
- Regional Drainage Facility
- Proposed Storm Drain
- Proposed Open Channel Corridor
- Proposed Crossing
- Proposed Regional Detention Basin for Sankey Spill
- Proposed Detention Basin for Local Drainage
- Proposed Pump Station
- Areas Requiring Fill to Provide Protection From Off-Site 100-Year Floodplain

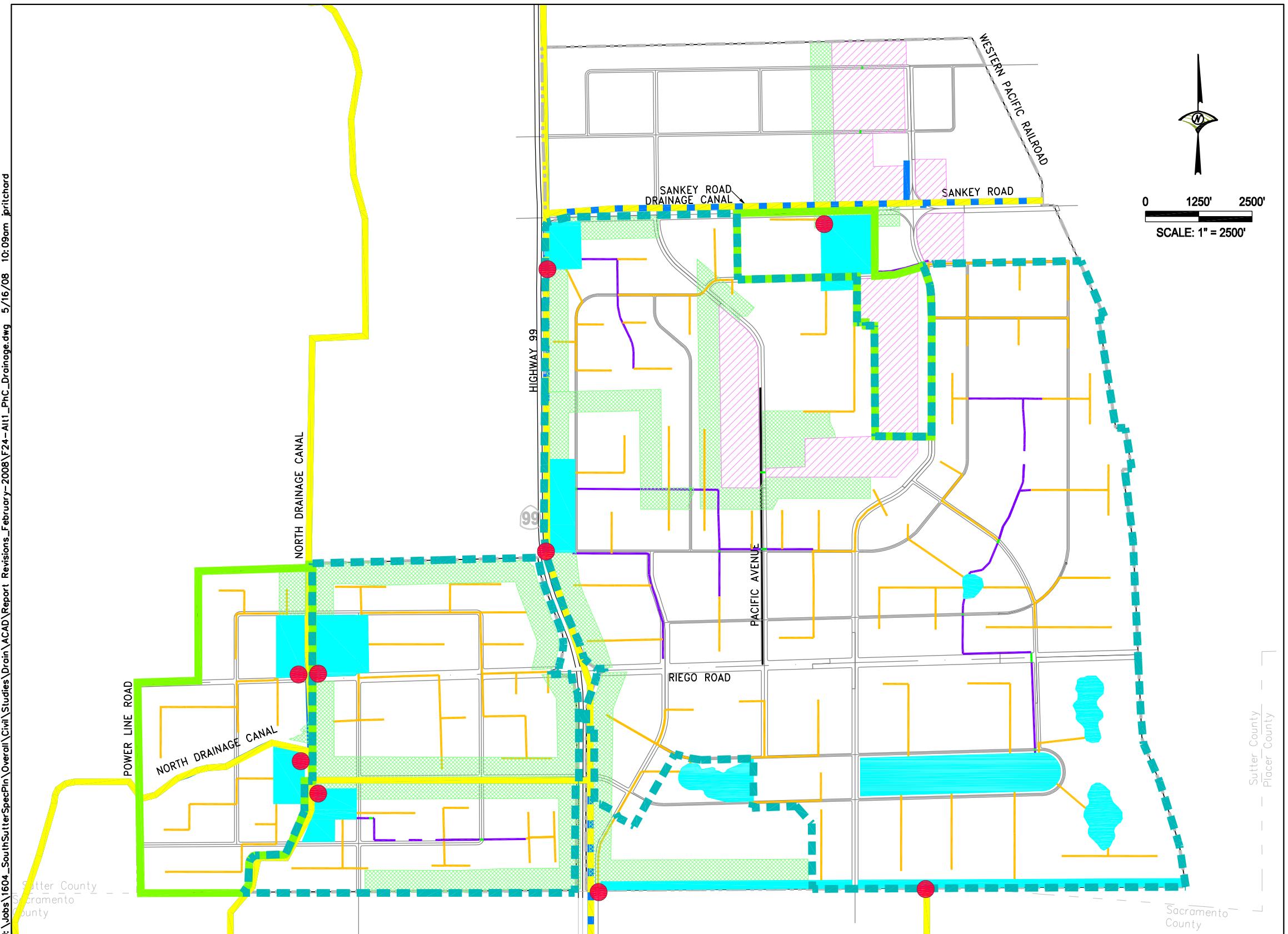
### Source:

Land Use base map information provided by EDAW.

# SUTTER POINTE

## MEASURE "M" GROUP

Figure 23  
Alternative 1  
Conceptual Drainage Plan - Phase 3



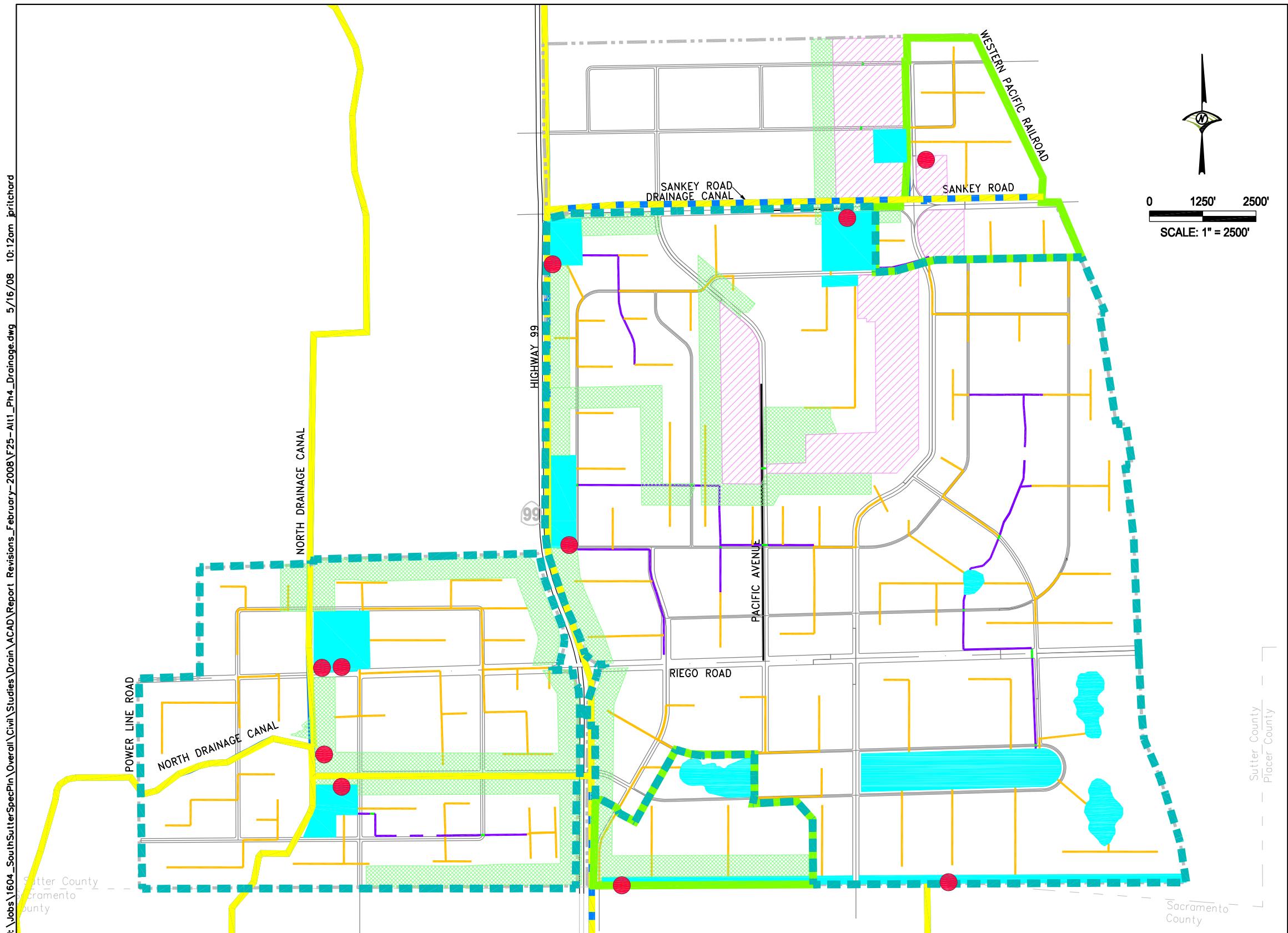
# **SUTTER POINTE**

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## **MEASURE "M" GROUP**

Figure 24  
Alternative 1  
Conceptual Drainage Plan - Phase C





## LEGEND

- Sutter Pointe Specific Plan Area
- Phase 4 Development Area
- Areas Developed in Prior Phases
- Improved RD 1000 Facility
- RD 1000 Facility
- Regional Drainage Facility
- Proposed Storm Drain
- Proposed Open Channel Corridor
- Proposed Crossing
- Proposed Regional Detention Basin for Sankey Spill
- Proposed Detention Basin for Local Drainage
- Proposed Pump Station
- Areas Requiring Fill to Provide Protection From Off-Site 100-Year Floodplain

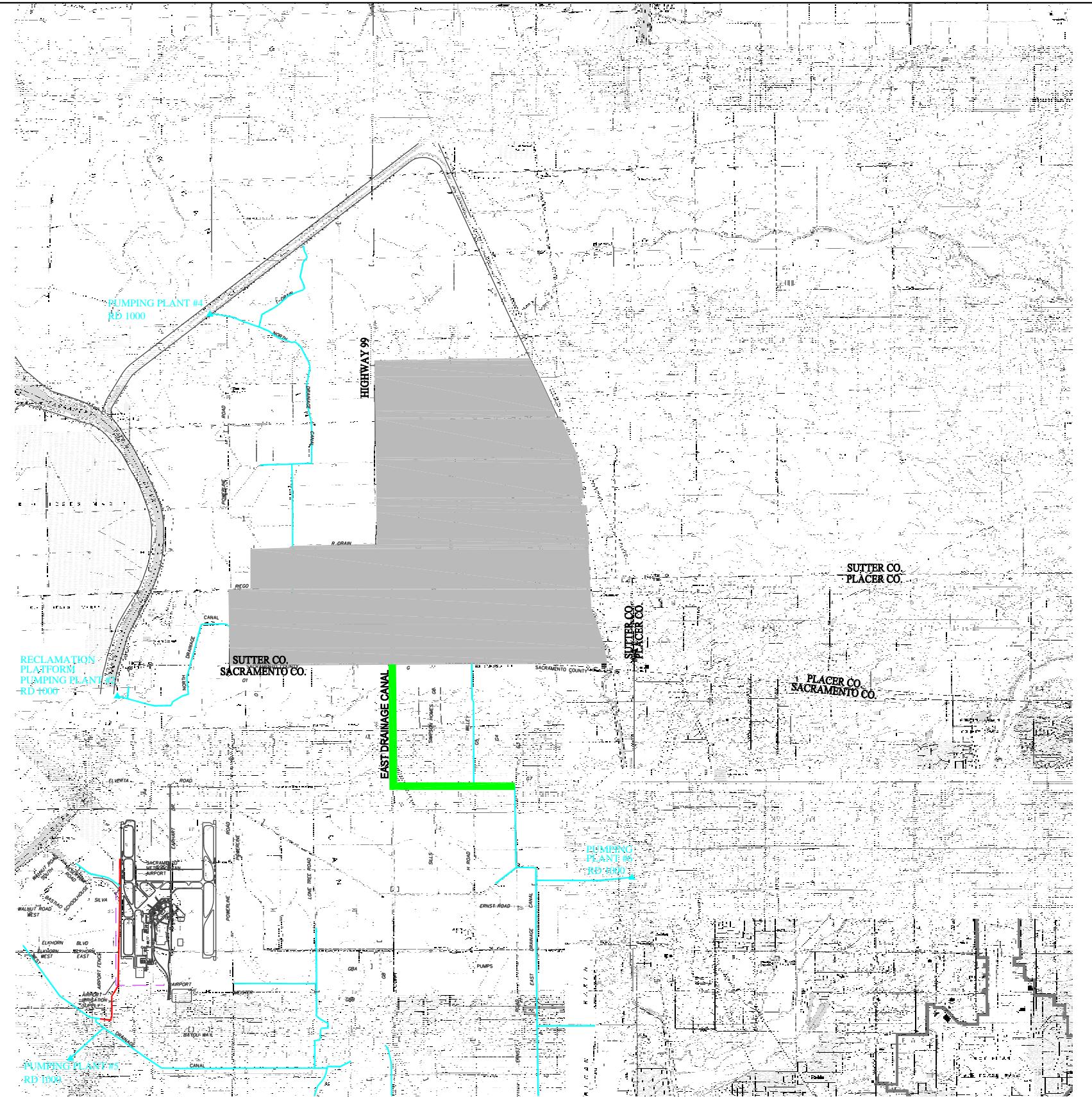
### Source:

Land Use base map information provided by EDAW.

# SUTTER POINTE

## MEASURE "M" GROUP

Figure 25  
Alternative 1  
Conceptual Drainage Plan - Phase 4



## SUTTER POINTE MEASURE "M" GROUP

### LEGEND

- Sutter Pointe Specific Plan Area
- Existing RD 1000 Drain
- Proposed Channel Improvement

Source:

USGS 7.5 Minute Series (Topographic) Quadrangle Mapping, Vertical Datum is National Geodetic Vertical Datum of 1929 (NGVD29).

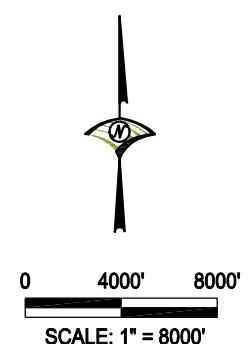


Figure 26  
Off-Site Drainage Improvements