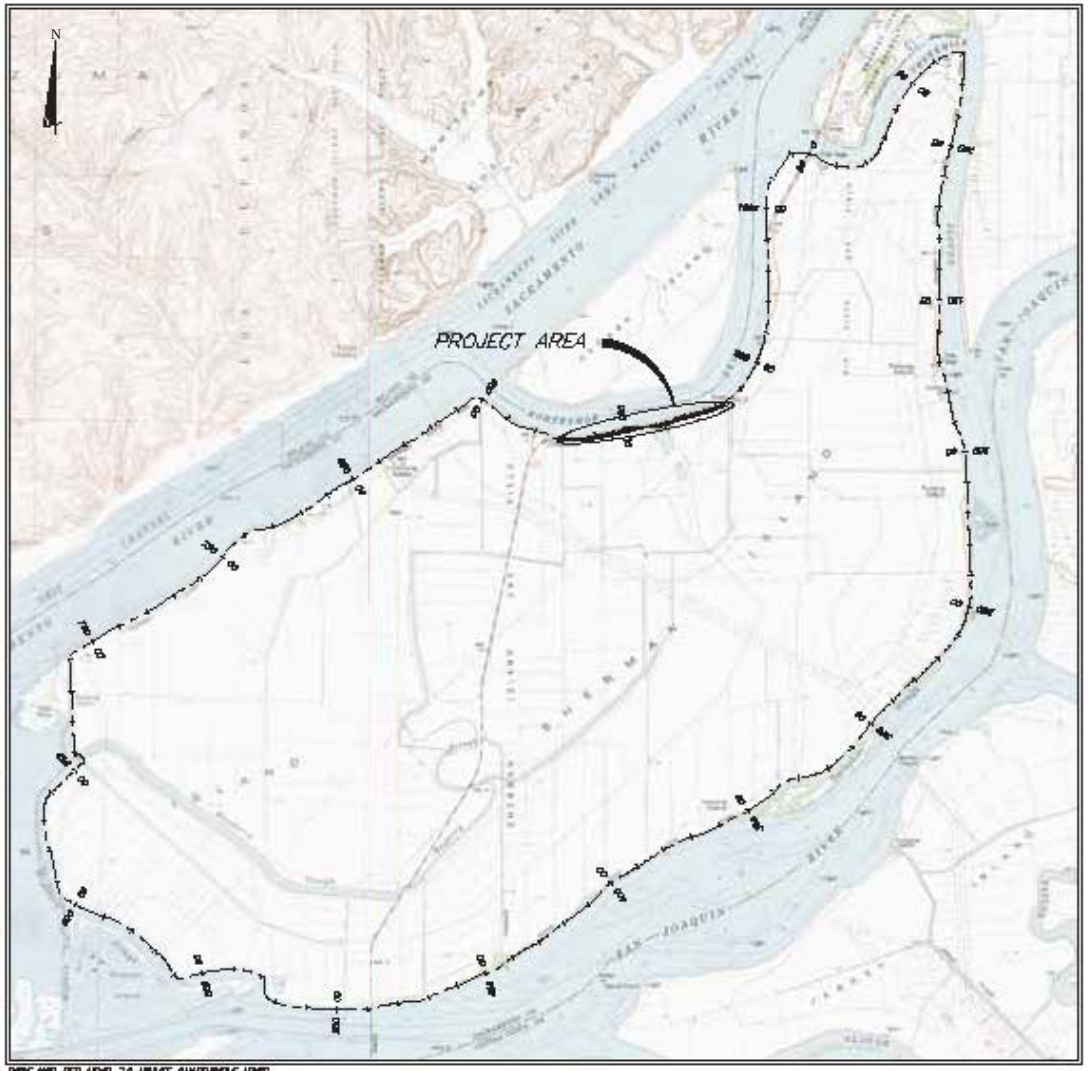

BASED ON USGS 7.5 MINUTE QUADRANGLE MAPS
FOR ANTIOCH NORTH AND JERSEY ISLAND CALIFORNIA

LOCATION MAP

NOT TO SCALE

BASED ON USGS 7.5 MINUTE QUADRANGLE MAPS

VICINITY MAP

NOT TO SCALE

SHEET INDEX

TITLE	SHEET
VICINITY AND LOCATION MAP	1
PROJECT PLAN – STA. 870+00 TO STA. 894+00	2
PROJECT PLAN – STA. 894+00 TO STA. 903+00	3
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TYPICAL SECTIONS	6
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SECTIONS – STA. 918+00 TO STA. 926+00	11
SECTIONS – STA. 928+00 TO STA. 932+00	12

REVISIONS			
REF.	DESCRIPTION	APVD.	DATE

PRELIMINARY
NOT FOR CONSTRUCTION

Designed By: B.R. CRAMBERLAIN
Drawn By: T.E. MCCONNEY
Checked By: M.S. MATSUMOTO
Approved By:
Date: MAY 2014

Wagner Bonsignore
Consulting Civil Engineers & Contractors
1777 Sun Rose Blvd
Suite 200
Sacramento, California 95833
Ph: 916-924-0920
Fax: 916-924-1234

REGISTERED PROFESSIONAL ENGINEER
BRIAN LOUIS CRAMBERLAIN
No. 47729
Exp. 12/31/2013
CIVIL
STATE OF CALIFORNIA

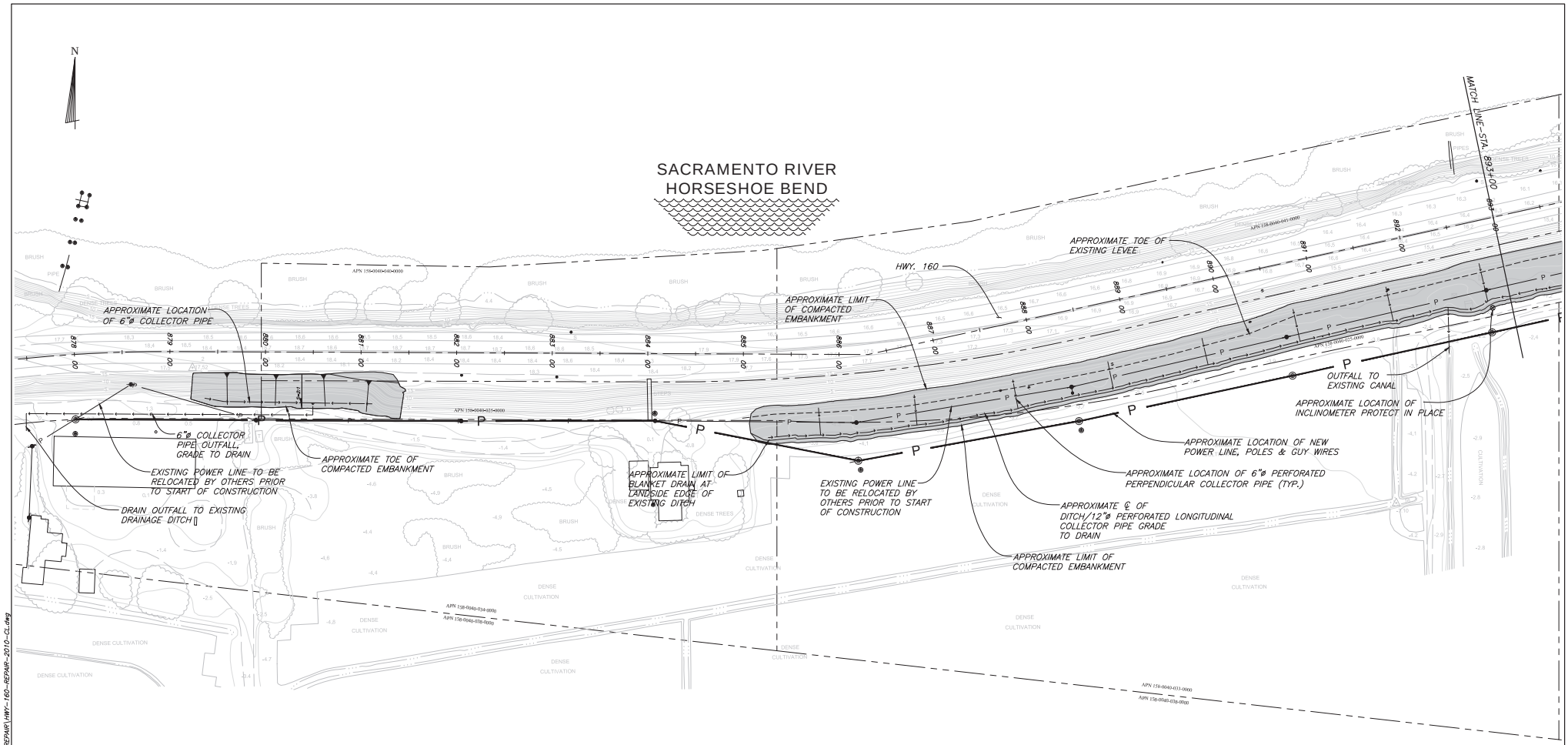
RECLAMATION DISTRICT NO. 341

HWY. 160 LEVEE SEEPAGE REPAIR

VICINITY MAP, LOCATION MAP, SHEET INDEX

SHEET 1 OF 12 SHEETS

Rev. Date: 05-14-2014
Scale Factor: 1.00000000
Rev. Date: 05-14-2014



NOTE:

1) BASE MAP FROM AMERICAN AERIAL MAPPING, INC. FLOWN 8-14-09.

2) PARCEL BOUNDARIES FROM SACRAMENTO COUNTY GIS

PLAN

0 25 50 100

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Scale Factor: AS NOTED
Plot Date: 05-10-2013

REVISIONS			
REF.	DESCRIPTION	APVD.	DATE

PRELIMINARY
NOT FOR CONSTRUCTION

Designed By	D.P. LOUNSBURY
Drawn By	S.R. HERINGER
Checked By	H.S. MATSUNAGA
Approved By	
Date	MAY 2013

Wagner&Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

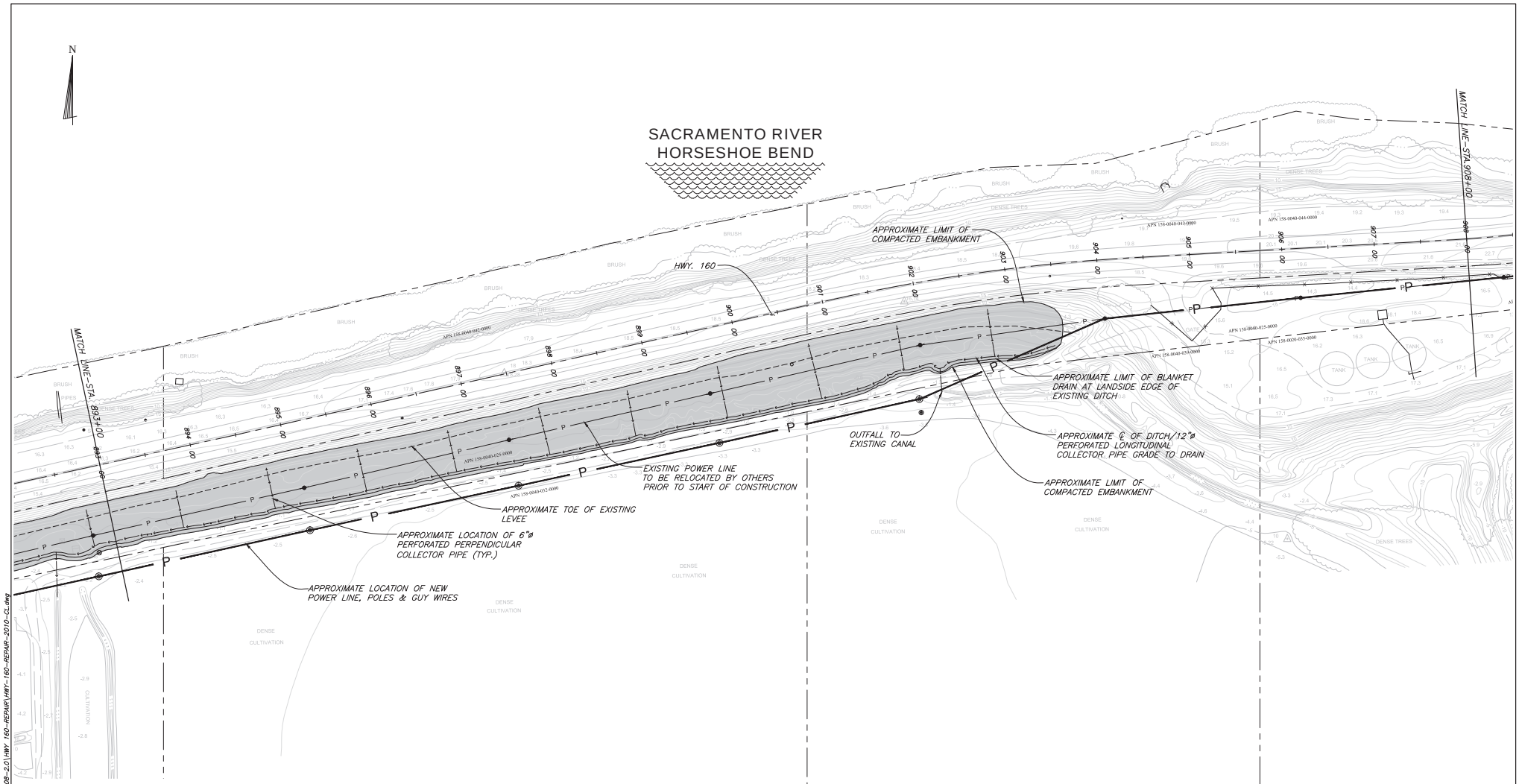
REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 41729
Exp. 12/31/2013
CIVIL
STATE OF CALIFORNIA

RECLAMATION DISTRICT NO. 341

HWY. 160 LEVEE SEEPAGE REPAIR

PROJECT AREA PLAN
STA. 879+00 TO STA. 894+00

SHEET 2 OF 12 SHEETS



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PLAN

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Drawn By	S.R. HERINGER
Checked By	H.S. MATSUNAGA
Approved By	
Date	MAY 2013

Wagner&Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

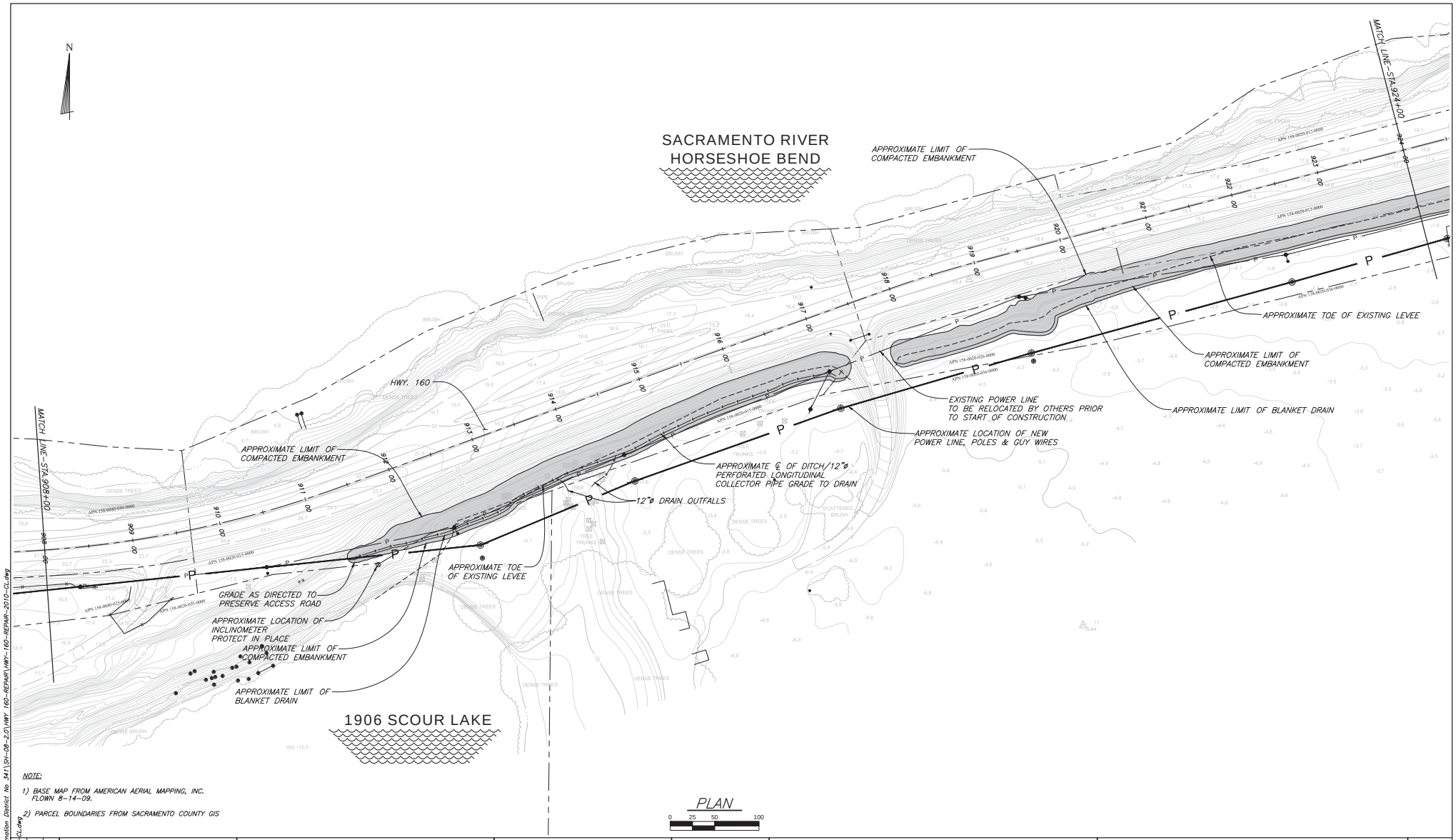
REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 42729
Exp. 6/30/13
CIVIL
STATE OF CALIFORNIA

RECLAMATION DISTRICT NO. 341

HWY. 160 LEVEE SEEPAGE REPAIR

PROJECT AREA PLAN
STA. 894+00 TO STA. 909+00

SHEET 3 OF 12 SHEETS



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2) PARCEL BOUNDARIES FROM SACRAMENTO COUNTY GIS

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Designed By: D.P. LOUNSBURY
Drawn By: S.R. HERINGER
Checked By: H.S. MATSUNAGA
Approved By:
Date: MAY 2013

Wagner&Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

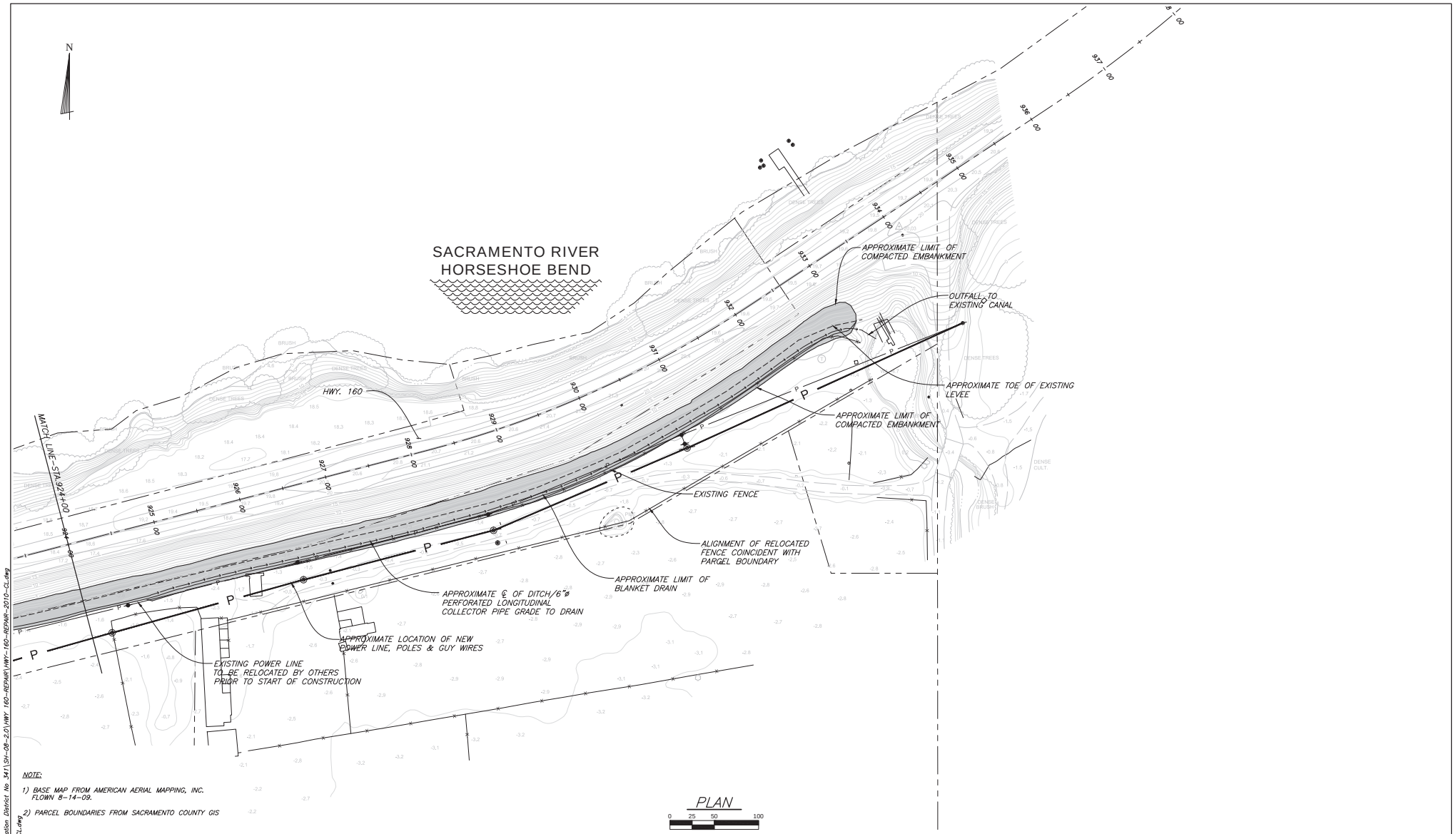
REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 42729
Exp. 09/30/13
CIVIL
STATE OF CALIFORNIA

RECLAMATION DISTRICT NO. 341

HWY. 160 LEVEE SEEPAGE REPAIR

PROJECT AREA PLAN
STA. 909+00 TO STA. 925+00

SHEET 4 OF 12 SHEETS



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2) PARCEL BOUNDARIES FROM SACRAMENTO COUNTY GIS

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Plot Date: 05-10-2013

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Drawn By	S.R. HERINGER
Checked By	H.S. MATSUNAGA
Approved By	
Date	MAY 2013

Wagner&Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

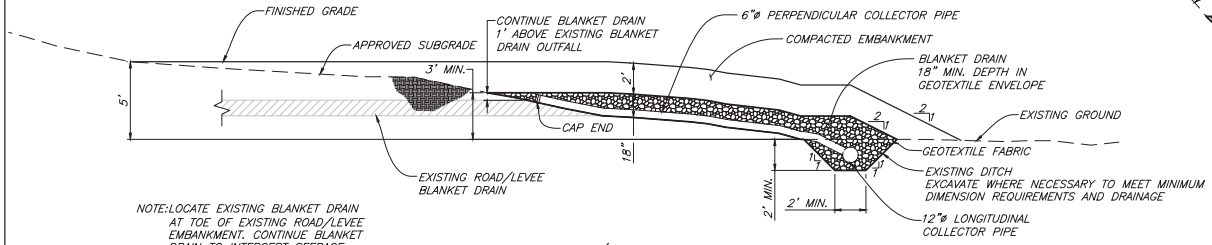
REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 41729
5/30/13
CIVIL
STATE OF CALIFORNIA

RECLAMATION DISTRICT NO. 341

HWY. 160 LEVEE SEEPAGE REPAIR

PROJECT AREA PLAN
STA. 925+00 TO STA. 936+00

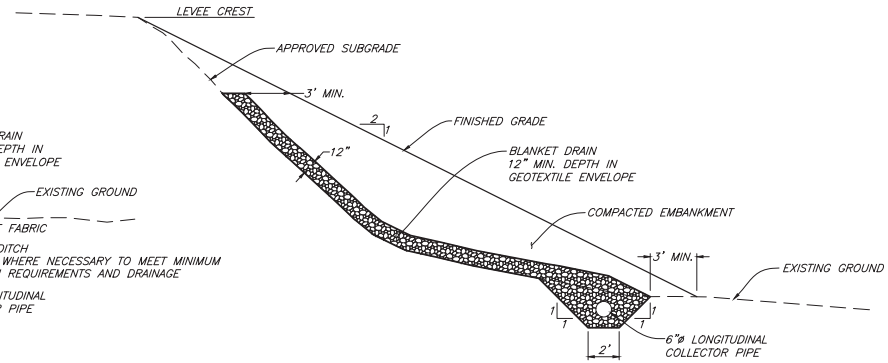
SHEET 5 OF 12 SHEETS



NOTE:LOCATE EXISTING BLANKET DRAIN AT TOE OF EXISTING ROAD/LEVEE EMBANKMENT. CONTINUE BLANKET DRAIN TO INTERCEPT SEEPAGE FROM EXISTING DRAIN.

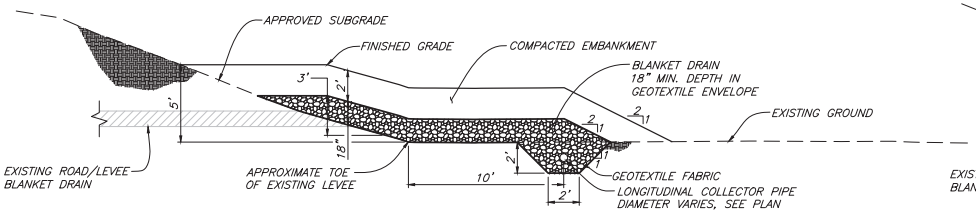
SECTION W/ EXISTING DITCH

TYPICAL OF ≈STA. 885+25 TO ≈STA. 903+75



SECTION AT SLOPE IMPROVEMENT

TYPICAL OF ≈STA. 879+25 TO ≈STA. 883+00



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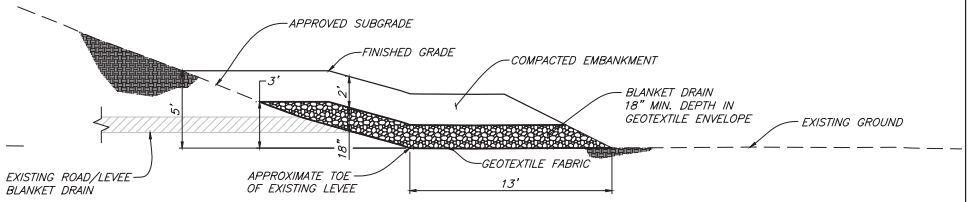
SECTION W/O EXISTING DITCH

TYPICAL OF ≈STA. 911+25 TO ≈STA. 917+25 AND ≈STA. 924+75 TO ≈STA. 933+25



NOTE:LOCATE EXISTING BLANKET DRAIN AT TOE OF EXISTING ROAD/LEVEE EMBANKMENT. CONTINUE BLANKET DRAIN TO INTERCEPT SEEPAGE FROM EXISTING DRAIN.

SECTION W/O EXISTING DITCH

TYPICAL OF ≈STA. 917+75 TO ≈STA. 924+75

TYPICAL SECTIONS

0 2 4 8

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File Name: HWY-160-REPAIR-2010-CL.dwg
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REVISIONS			
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Designed By: D.P. LOUNSBURY
Drawn By: S.R. HERINGER
Checked By: H.S. MATSUNAGA
Approved By:
Date: MAY 2013

Wagner&Bonsignore
Consulting Civil Engineers, A Corporation
2151 River Plaza Drive
Suite 100
Sacramento, California 95833
Ph: 916-441-6850
Fx: 916-779-3120

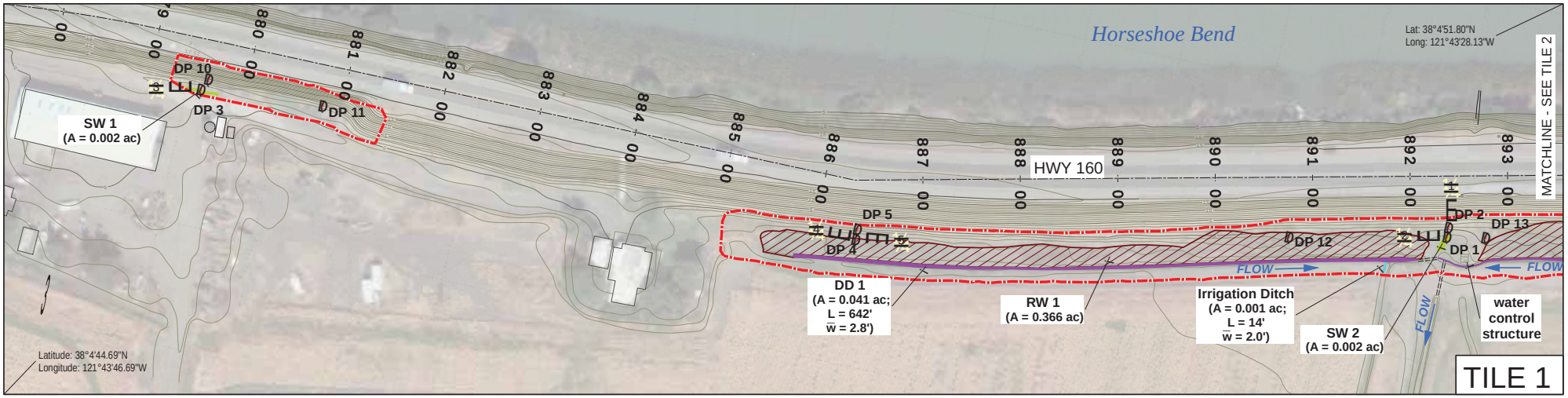
REGISTERED PROFESSIONAL ENGINEER
DAVID P. LOUNSBURY
No. 61729
Exp. 12/30/13
CIVIL
STATE OF CALIFORNIA

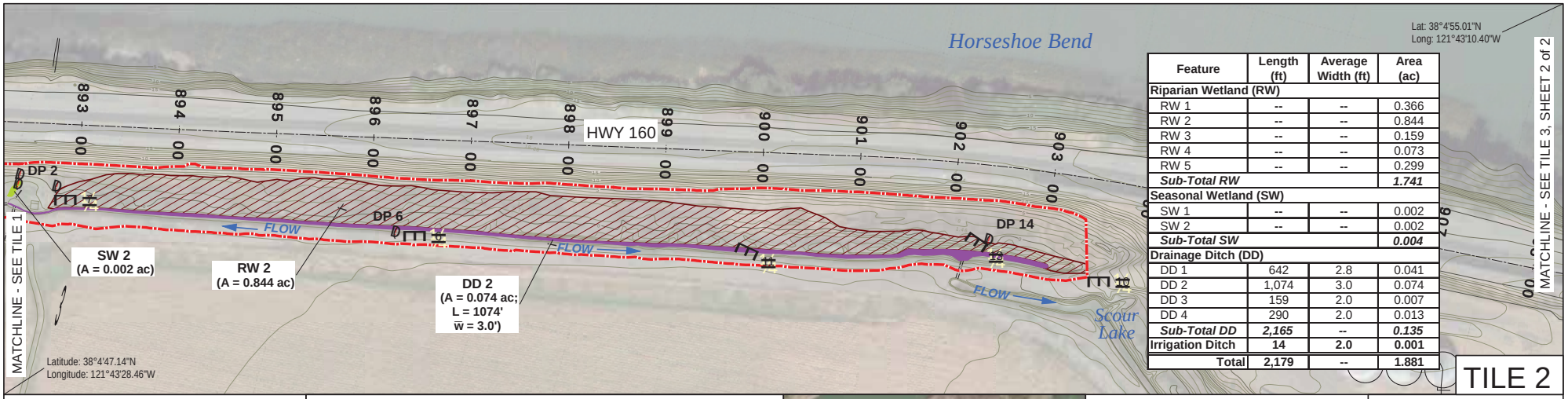
RECLAMATION DISTRICT NO. 341

HWY. 160 LEVEE SEEPAGE REPAIR

TYPICAL SECTIONS

SHEET 6 OF 12 SHEETS





Feature	Length (ft)	Average Width (ft)	Area (ac)
Riparian Wetland (RW)			
RW 1	--	--	0.366
RW 2	--	--	0.844
RW 3	--	--	0.159
RW 4	--	--	0.073
RW 5	--	--	0.299
Sub-Total RW			***1.741***
Seasonal Wetland (SW)			
SW 1	--	--	0.002
SW 2	--	--	0.002
Sub-Total SW			***0.004***
Drainage Ditch (DD)			
DD 1	642	2.8	0.041
DD 2	1,074	3.0	0.074
DD 3	159	2.0	0.007
DD 4	290	2.0	0.013
Sub-Total DD	***2,165***	--	***0.135***
Irrigation Ditch	**14**	**2.0**	**0.001**
Total	**2,179**	--	**1.881**

S.H. 10-2.0, Sacramento River
Levee Repair Project, Sherman Island
Sacramento County, CA
22 February 2013

Figure 4. Preliminary Jurisdictional Delineation, Sheet 1 of 2

- Project Study Area (PSA; 4.76 ac)
- Drainage Ditch (DD)
- Seasonal Wetland (SW)
- Riparian Wetland (RW)
- Irrigation Ditch
- Data point and number
- Existing Culvert
- Photopoint location and number

100 50 0 100 Feet

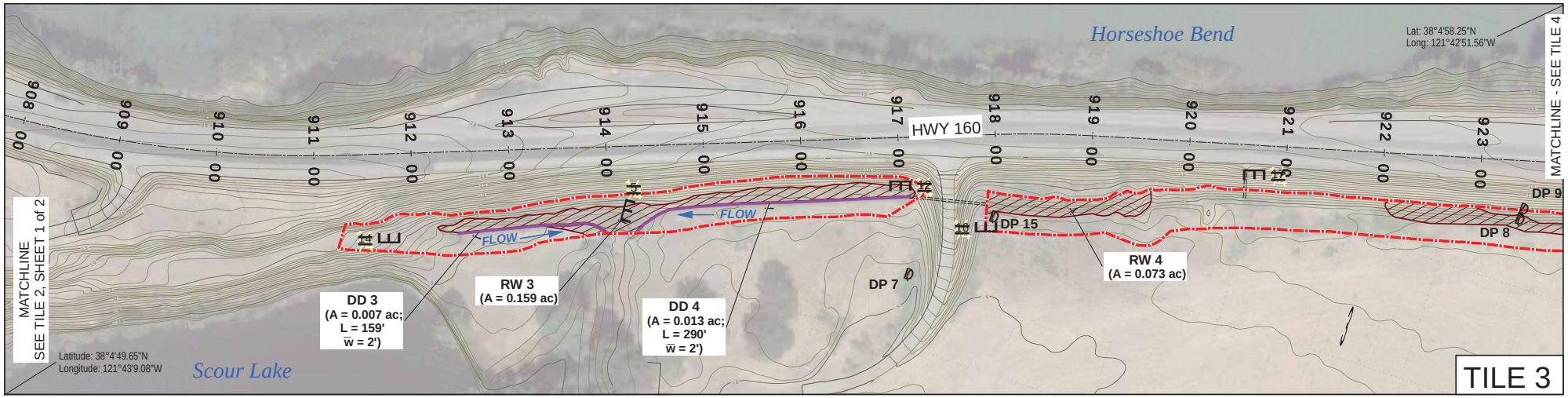
Scale: 1 inch = 100 feet

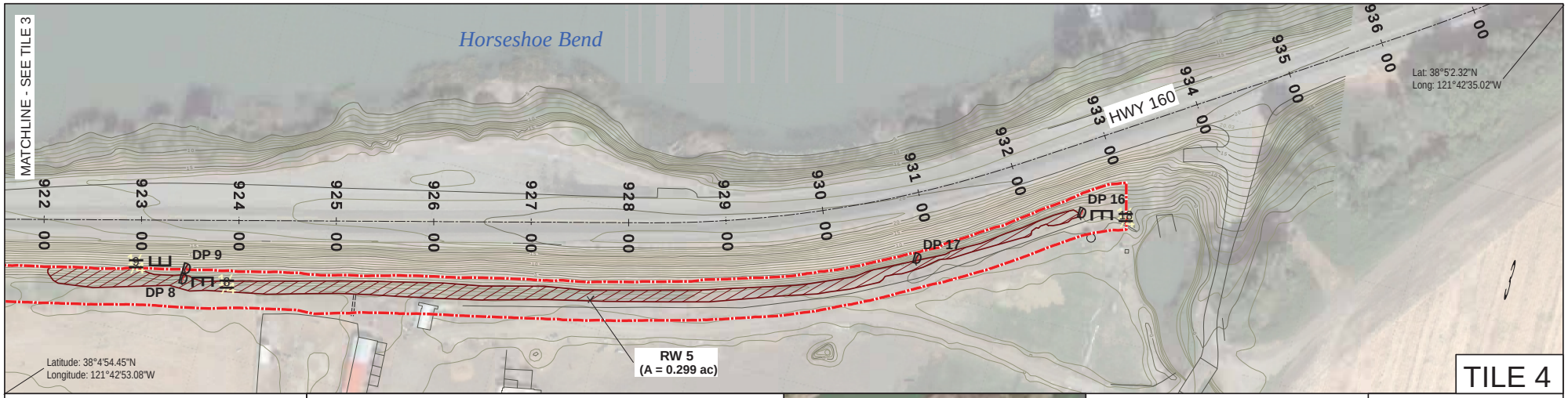
Project Boundary/Basemap:
HWY. 160 LEVEE SEEPAGE REPAIR - Location of Exsiting Power Poles Plan
by Wagner & Bonsignore Consulting Civil Engrs.
HWY-160-PG&E-LINEWORK.dwg (July 2012)
Aerial Photo: 24 September 2009, 2012 Google Earth Imagery

SYCAMORE Environmental Consultants, Inc.

Date	Submittal	Delineators	Agency/ Company
22 Feb 13	Original	MJB, RJL, JMR, JAO	Sycamore Env

12050ShermanIsSH10-2_Fig4Delin_LeveeTile1-2_Sht1of2.mxd





S.H. 10-2.0, Sacramento River
Levee Repair Project, Sherman Island
Sacramento County, CA
22 February 2013

Figure 4. Preliminary Jurisdictional Delineation, Sheet 2 of 2

Project Study Area (PSA; 4.76 ac)
Drainage Ditch (DD)
Riparian Wetland (RW)
==== Existing Culvert

Photopoint location and number

AERIAL KEY
Not to Scale

100 50 0 100 Feet
Scale: 1 inch = 100 feet

Project Boundary/Basemap:
HWY. 160 LEVEE SEEPAGE REPAIR - Location of Exsiting Power Poles Plan
by Wagner & Bonsignore Consulting Civil Engrs.
HWY-160-PG&E-LINEWORK.dwg (July 2012)
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