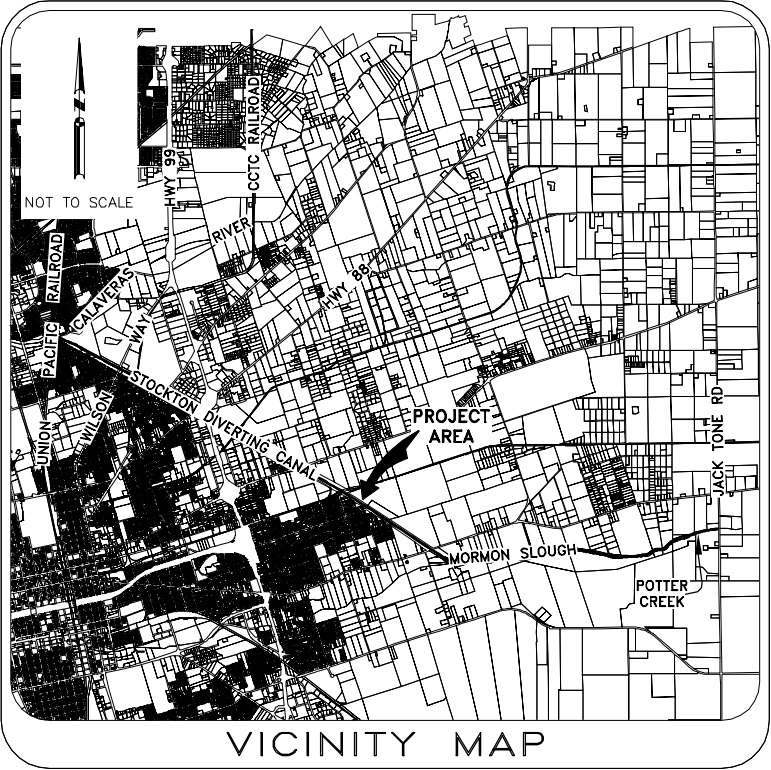


SAN JOAQUIN AREA FLOOD CONTROL AGENCY
STOCKTON DIVERTING CANAL, MORMON SLOUGH,
& POTTER CREEK
SAN JOAQUIN COUNTY, CALIFORNIA
LEVEE ACCREDITATION SURVEYS

UPPER CALAVERAS RIVER TO JACK TONE ROAD
NAVD 88 - NORTH AMERICAN VERTICAL DATUM OF 1988



SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CONTROL SHEET
3-9	PLAN VIEW
10-14	LEVEE PROFILES - NORTH BANK
15-19	LEVEE PROFILES - SOUTH BANK

INDEX



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TITLE SHEET

Revisions				Design	Scale	Date JUNE 2014
No.	Description	Date	By	Aprvd. By		
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					Original Drawing Scale 0 1/2" 1"	Project File No. 2091-0140

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PLOT DATE: Jun 30, 2014 - 4:02pm



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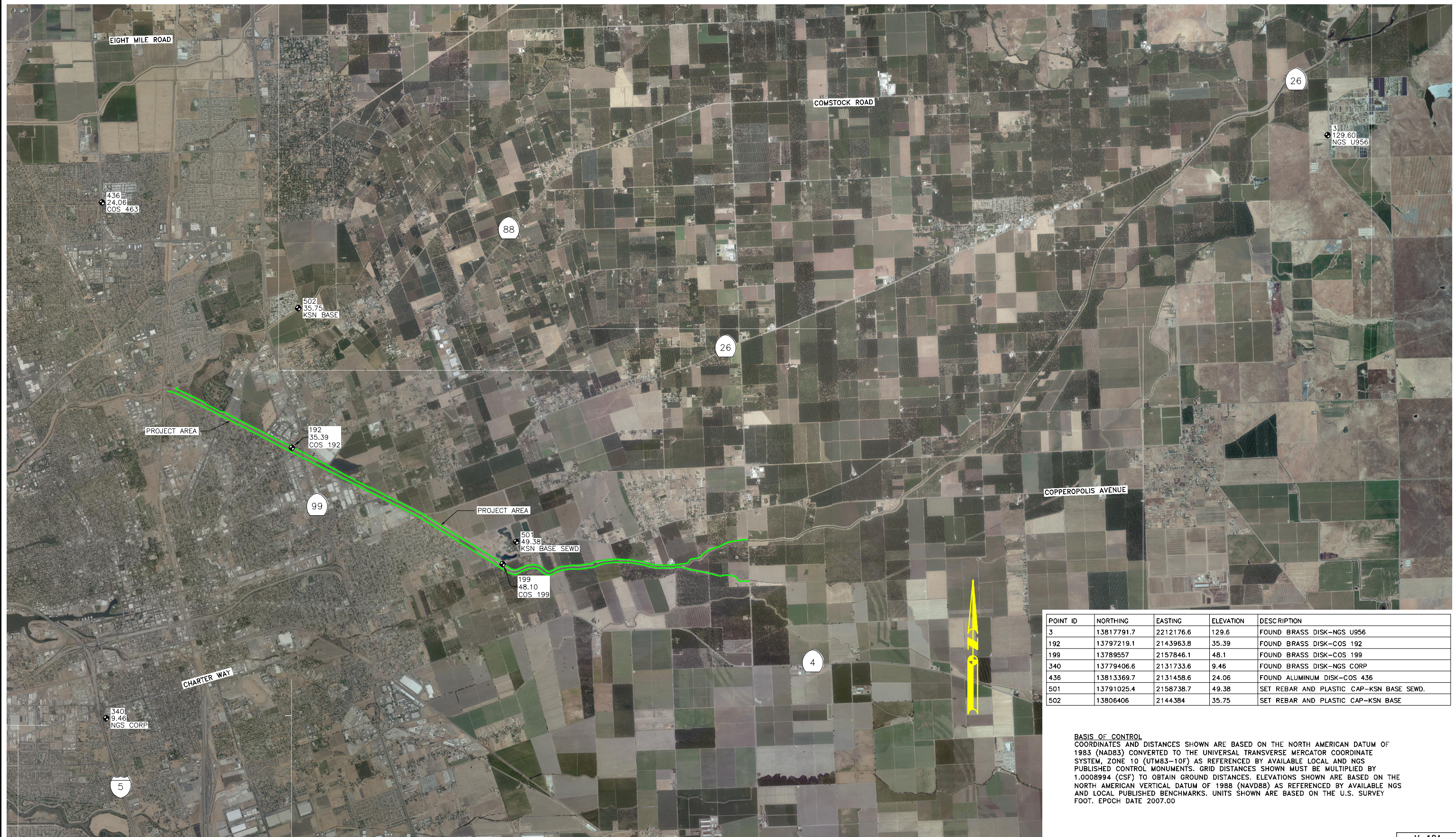
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CONTROL SHEET**

Revisions					Design	Scale	Date
No.	Description	Date	By	Apprv. By		1' = 3000'	JUNE 2014
							Sheet Number
							2 Of 19
					Drawn CSM	Original Drawing Scale	Project File No. 2091-0140
					Check KFN	0 1/2" 1" 	



POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	13817791.7	2212176.6	129.6	FOUND BRASS DISK-NGS U956
192	13797219.1	2143963.8	35.39	FOUND BRASS DISK-COS 192
199	13789557	2157846.1	48.1	FOUND BRASS DISK-COS 199
340	13779406.6	2131733.6	9.46	FOUND BRASS DISK-NGS CORP
436	13813369.7	2131458.6	24.06	FOUND ALUMINUM DISK-COS 436
501	13791025.4	2158738.7	49.38	SET REBAR AND PLASTIC CAP-KSN BASE SEWD.
502	13806406	2144384	35.75	SET REBAR AND PLASTIC CAP-KSN BASE

BASIS OF CONTROL
COORDINATES AND DISTANCES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE UNIVERSAL TRANSVERSE MERCATOR COORDINATE SYSTEM, ZONE 10 (UTM83-10F) AS REFERENCED BY AVAILABLE LOCAL AND NGS PUBLISHED CONTROL MONUMENTS. GRID DISTANCES SHOWN MUST BE MULTIPLIED BY 1.0008994 (CSF) TO OBTAIN GROUND DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS REFERENCED BY AVAILABLE NGS AND LOCAL PUBLISHED BENCHMARKS. UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT. EPOCH DATE 2007.00

FILE SPEC: P:\2091_SJA\CA_IDIQ\0140_Bear-CalaVeras_Accreditation\04_Survey\CADD\SH\Diverting_Mormon_Potter\Sh03-Diverting_Plan.dwg
PLOT DATE: Jun 30, 2014 - 4:06pm



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PLAN VIEW

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No.	Description	Date	By	App'd. By

Design

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Scale

1" = 200'

Original Drawing Scale
0 1/2" 1"

Date
JUNE 2014

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Project File No.
2091-0140



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PLAN VIEW

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2091-0140

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PLOT DATE: Jun 30, 2014 - 4:07pm



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PLAN VIEW

Revisions				Design		Scale	Date
No.	Description	Date	By	App'd. By	Drawn	1" = 200'	JUNE 2014
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PLAN VIEW

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No.	Description	Date	By	App'd. By

Design	
Drawn JRT	
Check CHN	

Scale	Date JUNE 2014
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PLOT DATE: Jun 30, 2014 - 4:07pm



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PLOT DATE: Jun 30, 2014 - 4:08pm



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PLAN VIEW

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No.	Description							

Design

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Check
CHN

Scale

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Original Drawing Scale
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Date

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FILE SPEC: P:\2091_SJA\CA_IDIQ\0140_Bear-Calaveras_Accreditation\04_Survey\CADD\SH\Diverting_Mormon_Potter\Sh03-Diverting_Plan.dwg
PLOT DATE: Jun 30, 2014 - 4:08pm



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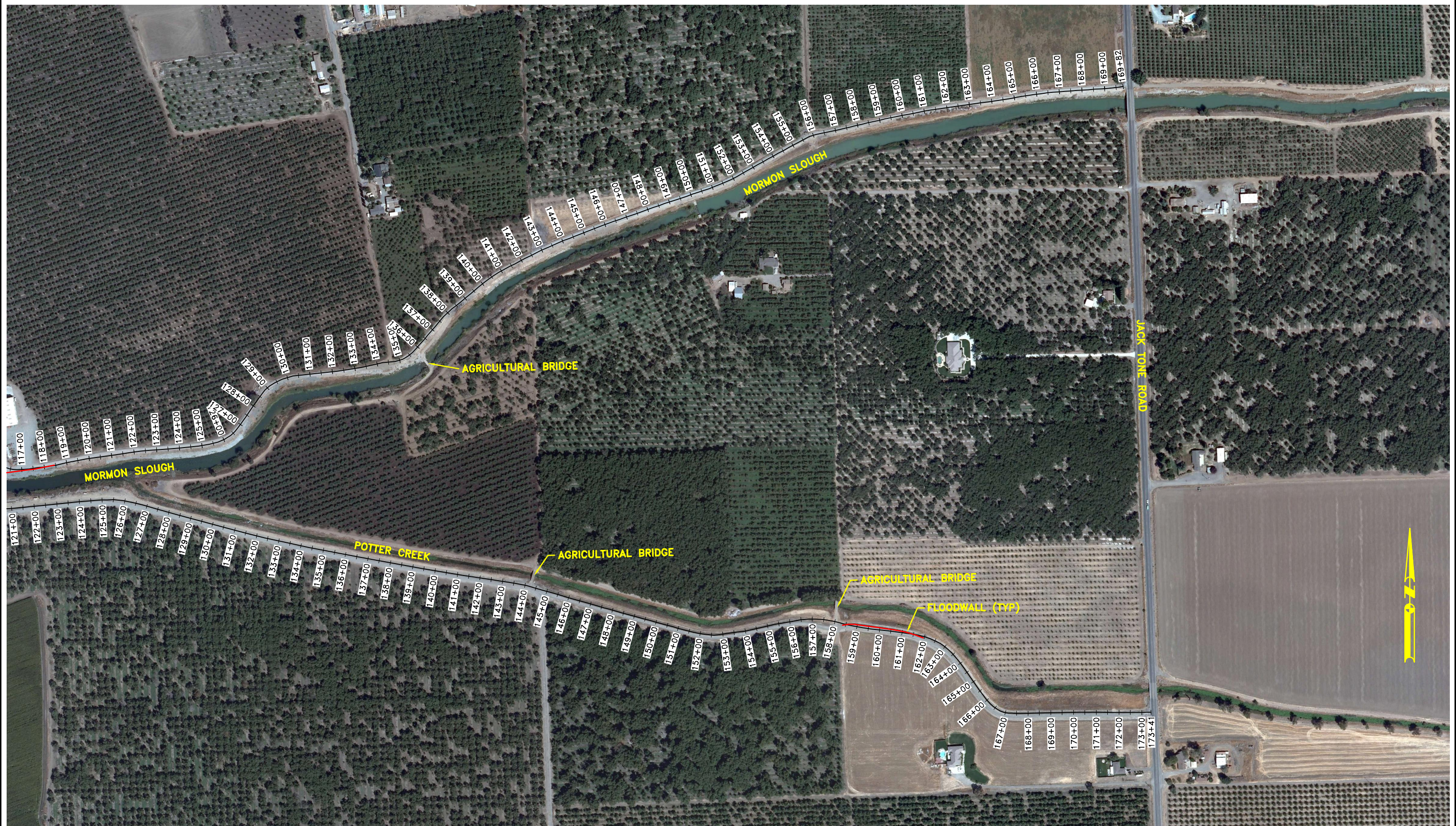
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PLAN VIEW

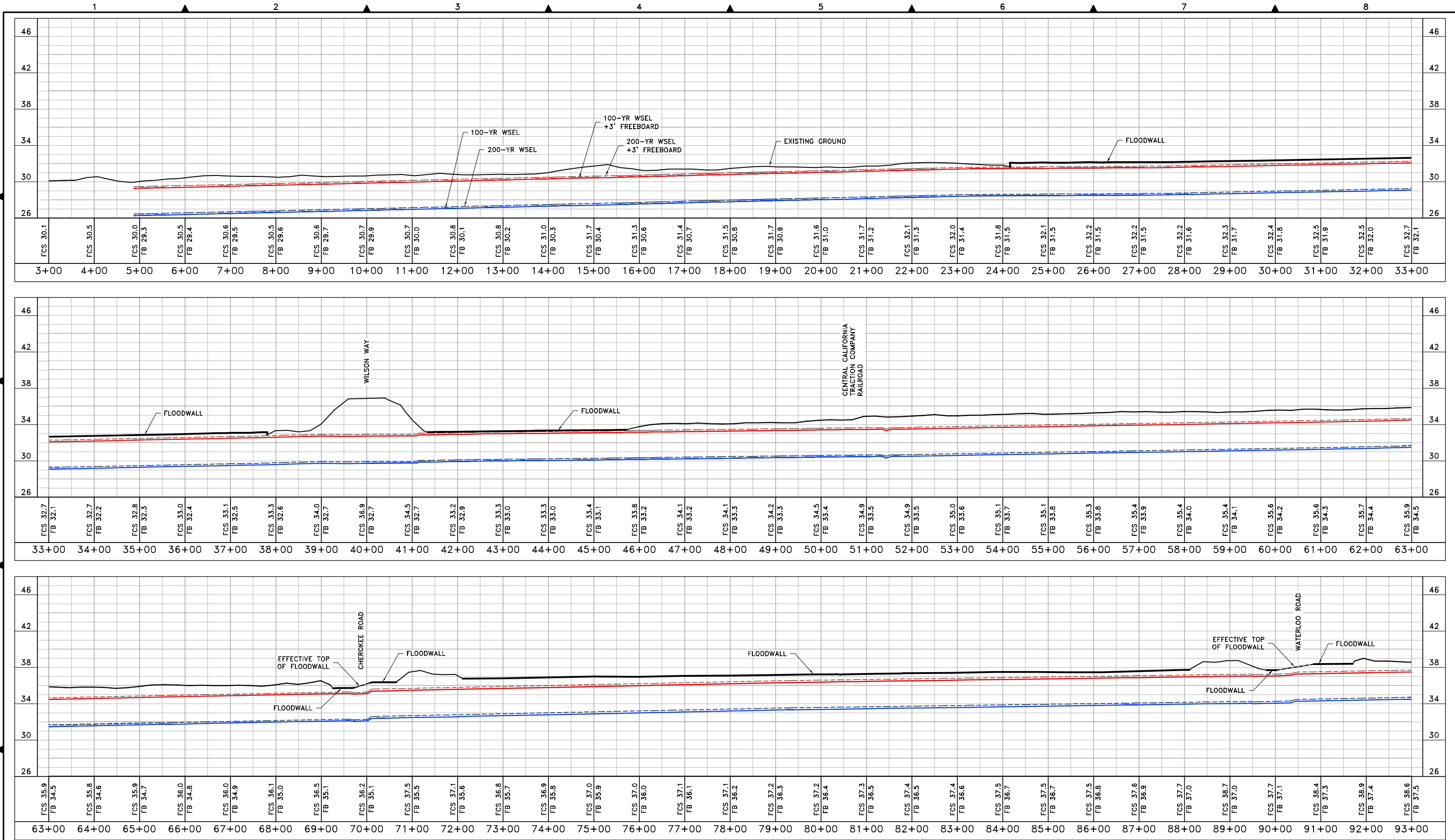
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PLOT DATE: Jun 30, 2014 - 4:13pm



NOTES:
EXISTING GROUND PROFILE ELEVATIONS ARE BASED UPON A COMBINATION OF DATA FROM TASK ORDER 13 AND TASK ORDER 20 OF THE DWR CVFD LIDAR AND FIELD SURVEYS PERFORMED BY KSN IN 2014.
WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY
VERTICAL DATUM: NAVD 88

LEGEND
— EXISTING GROUND
— 100-YR WATER SURFACE ELEVATION
— 100-YR FREEBOARD (FB)
FCS FLOOD CONTROL STRUCTURE

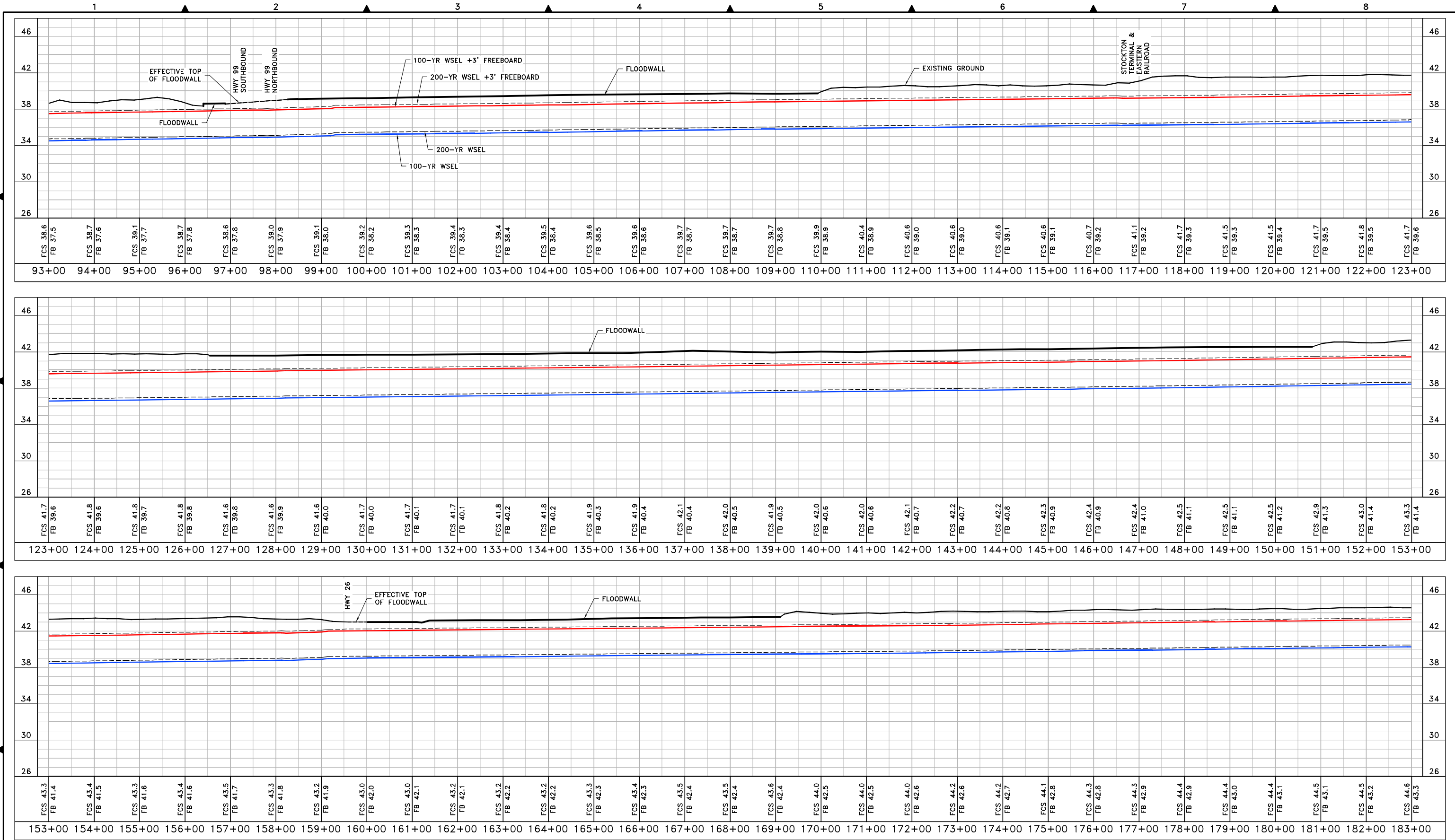
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Revisions			
No.	Description	Date	By

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VERT: 1"=5'
Original Drawing Scale
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PLOT DATE: Jun 30, 2014 - 4:15pm



NOTES:
EXISTING GROUND PROFILE ELEVATIONS ARE BASED UPON A COMBINATION OF DATA FROM TASK ORDER 13 AND TASK ORDER 20 OF THE DWR CVFD LIDAR AND FIELD SURVEYS PERFORMED BY KSN IN 2014.
WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY
VERTICAL DATUM: NAVD 88

LEGEND
— EXISTING GROUND
— 100-YR WATER SURFACE ELEVATION
— 100-YR FREEBOARD (FB)
FCS FLOOD CONTROL STRUCTURE

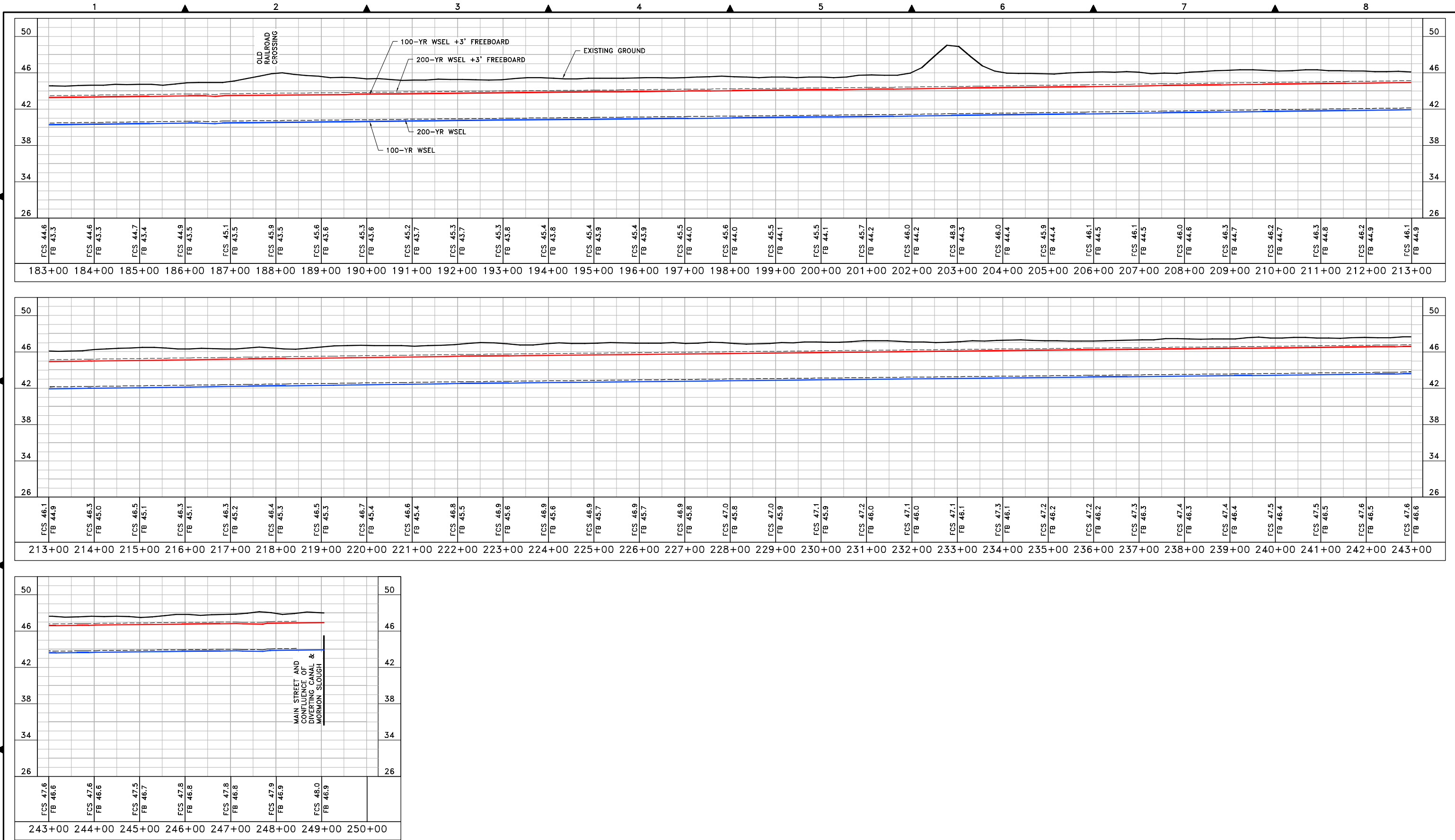
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PLOT DATE: Jun 30, 2014 - 4:18pm





NOTES:
EXISTING GROUND PROFILE ELEVATIONS ARE BASED UPON A COMBINATION OF DATA FROM TASK ORDER 13 AND TASK ORDER 20 OF THE DWR CVFD LIDAR AND FIELD SURVEYS PERFORMED BY KSN IN 2014.

WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY

VERTICAL DATUM: NAVD 88

LEGEND

- EXISTING GROUND
- 100-YR WATER SURFACE ELEVATION
- 100-YR FREEBOARD (FB)
- FLOOD CONTROL STRUCTURE

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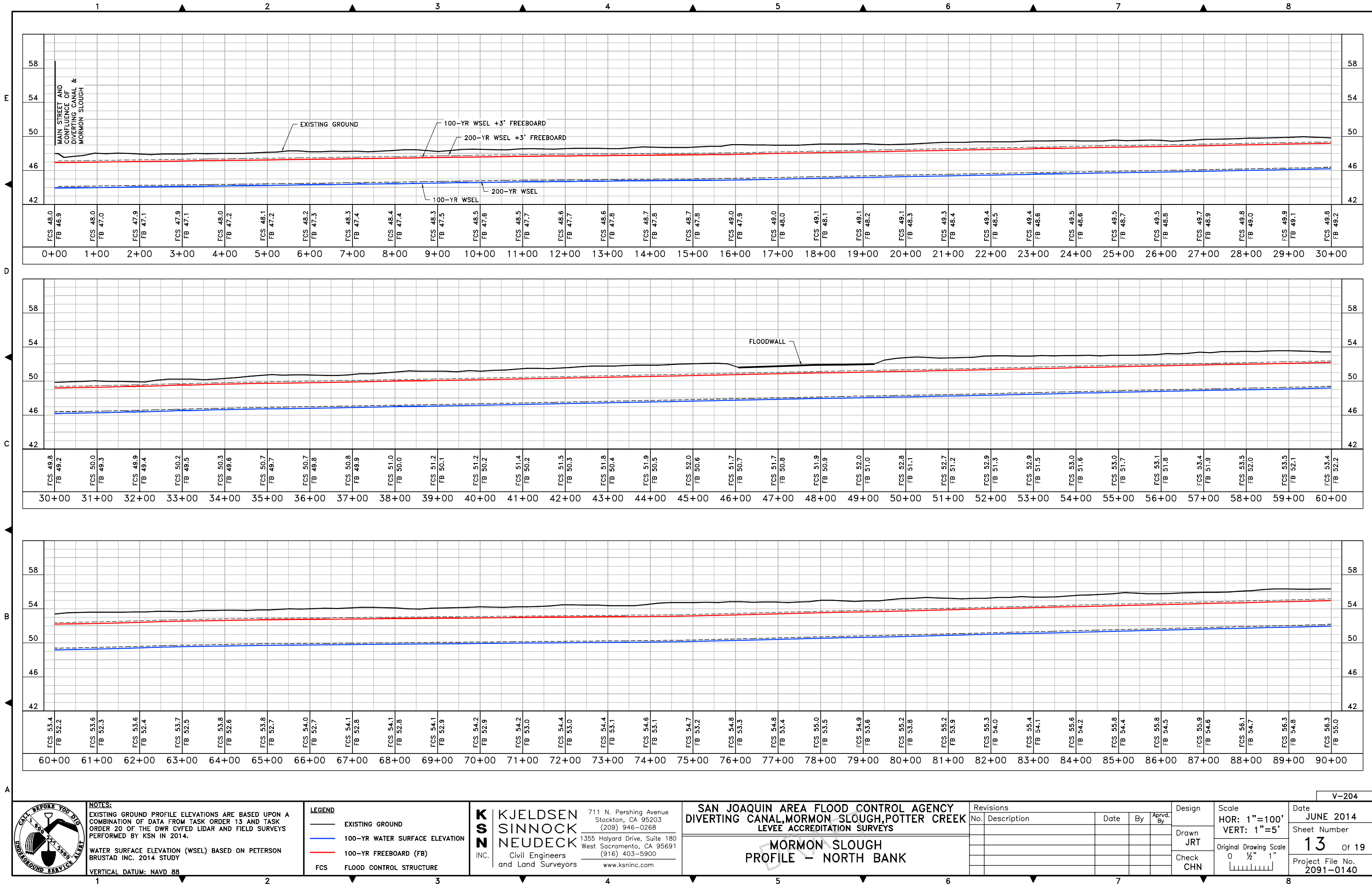
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PLOT DATE: Jun 30, 2014 - 4:20pm



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WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY
VERTICAL DATUM: NAVD 88

LEGEND
— EXISTING GROUND
— 100-YR WATER SURFACE ELEVATION
— 100-YR FREEBOARD (FB)
FCS FLOOD CONTROL STRUCTURE

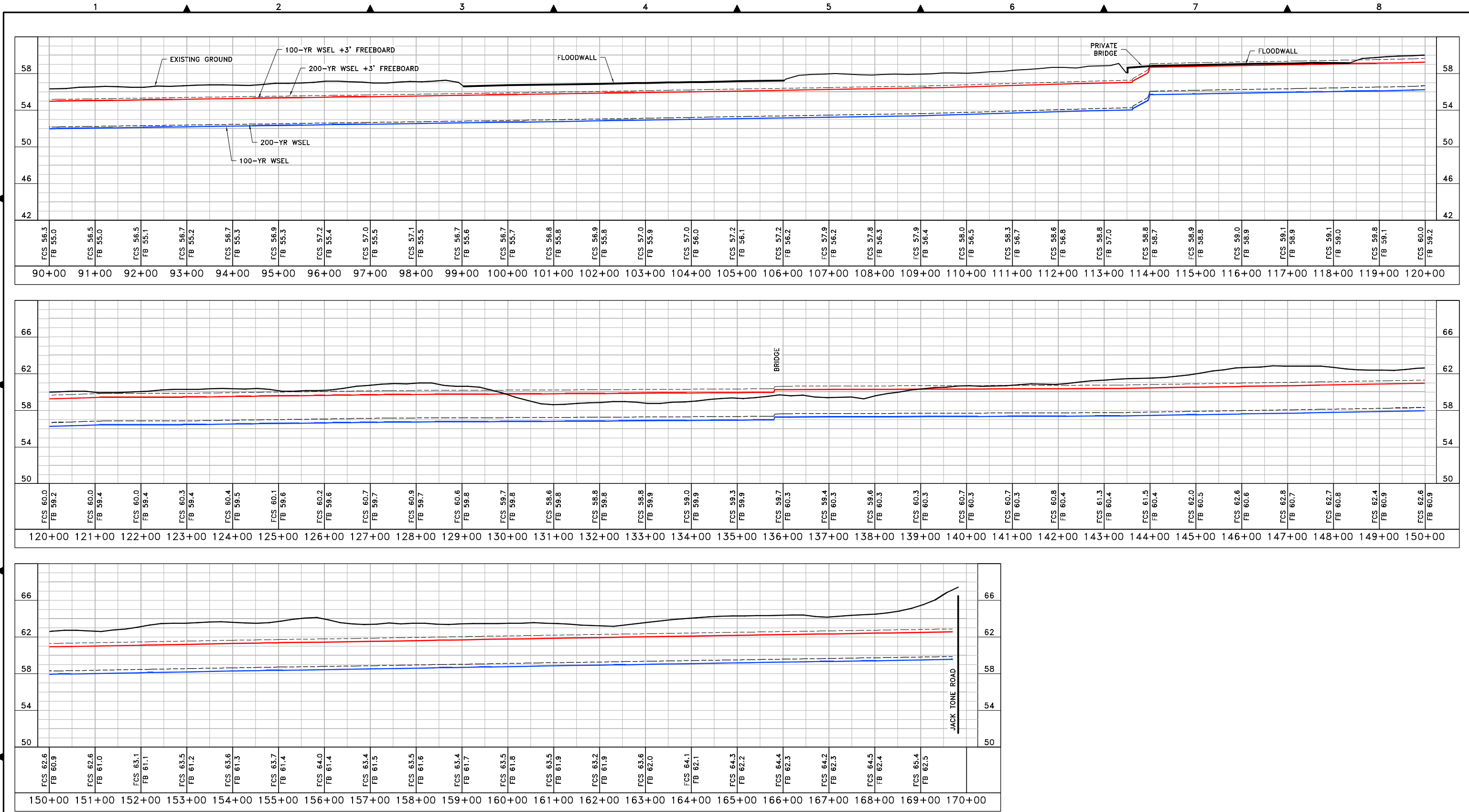
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No.	Description	Date	By	App'd. By

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PLOT DATE: Jun 30, 2014 - 4:23pm



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WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY
VERTICAL DATUM: NAVD 88

LEGEND

- EXISTING GROUND
- 100-YR WATER SURFACE ELEVATION
- 100-YR FREEBOARD (FB)
- FLOOD CONTROL STRUCTURE

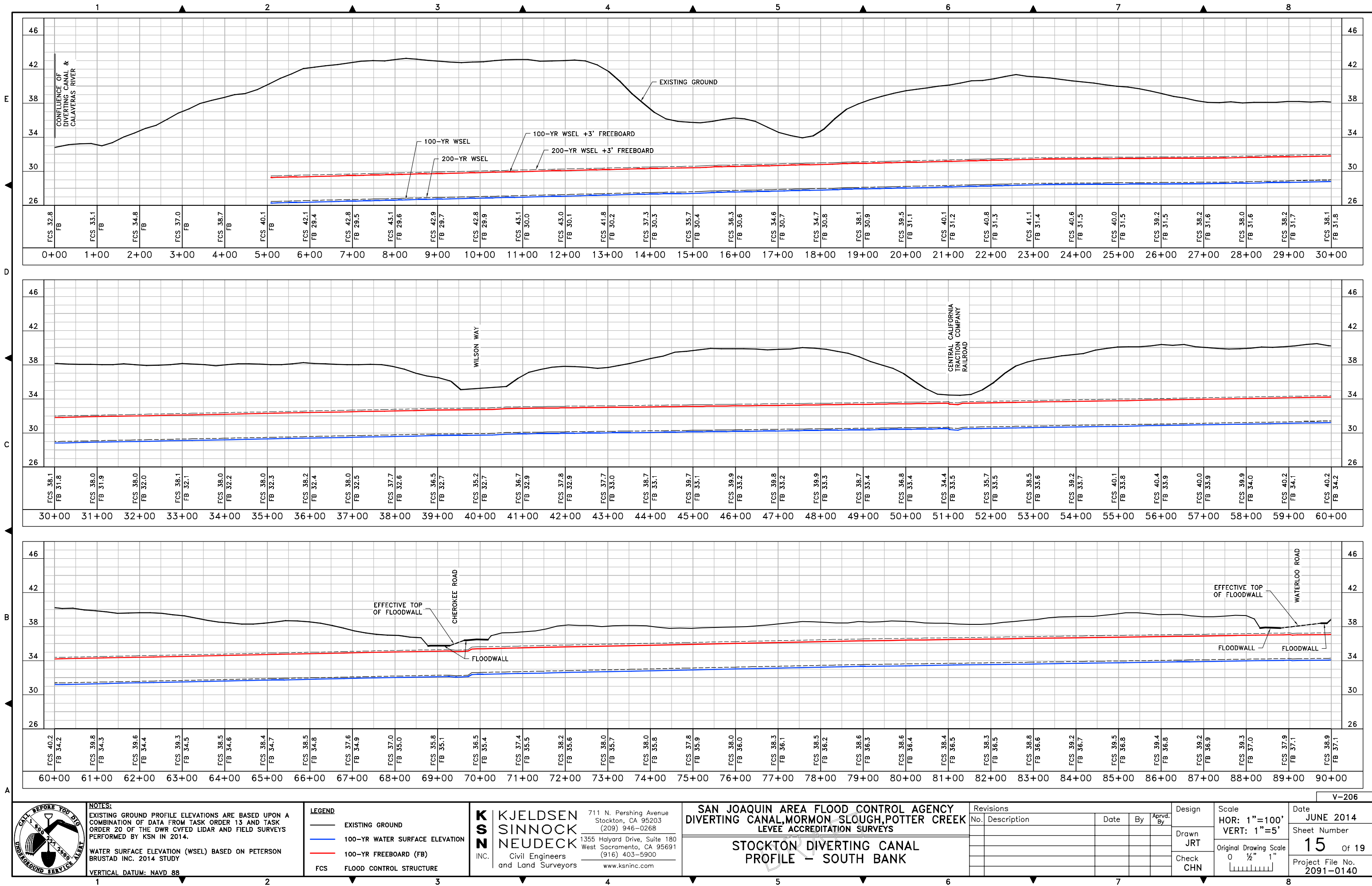
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WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY
VERTICAL DATUM: NAVD 88

LEGEND
— EXISTING GROUND
— 100-YR WATER SURFACE ELEVATION
— 100-YR FREEBOARD (FB)
FCS FLOOD CONTROL STRUCTURE

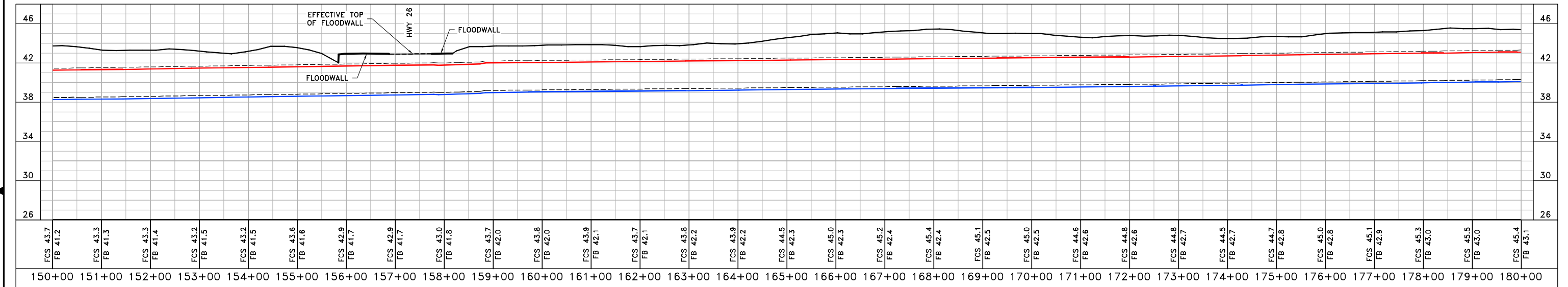
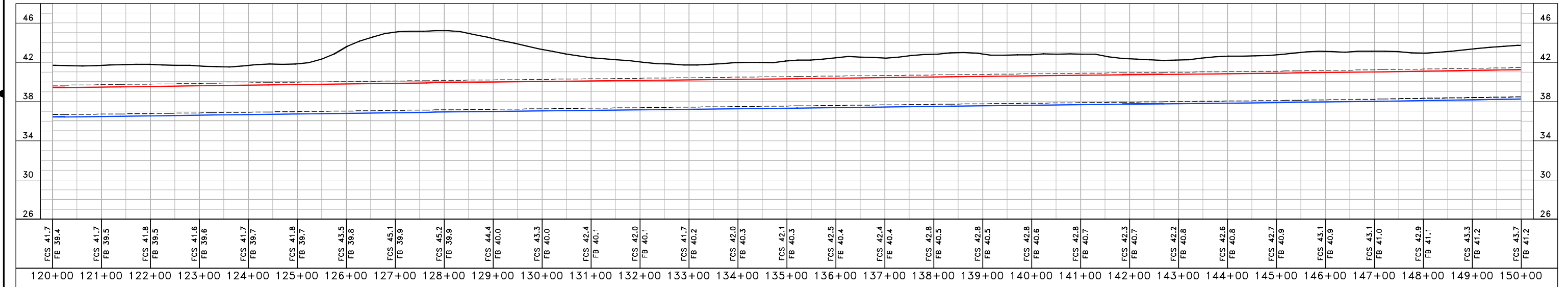
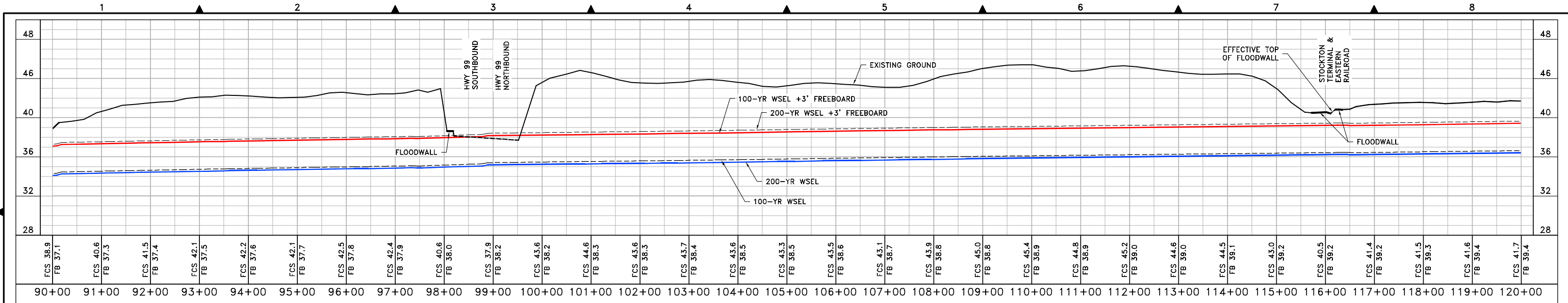
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Revisions			
No.	Description	Date	By

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PLOT DATE: Jun 30, 2014 - 4:27pm



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VERTICAL DATUM: NAVD 88

LEGEND
— EXISTING GROUND
— 100-YR WATER SURFACE ELEVATION
— 100-YR FREEBOARD (FB)
FCS FLOOD CONTROL STRUCTURE

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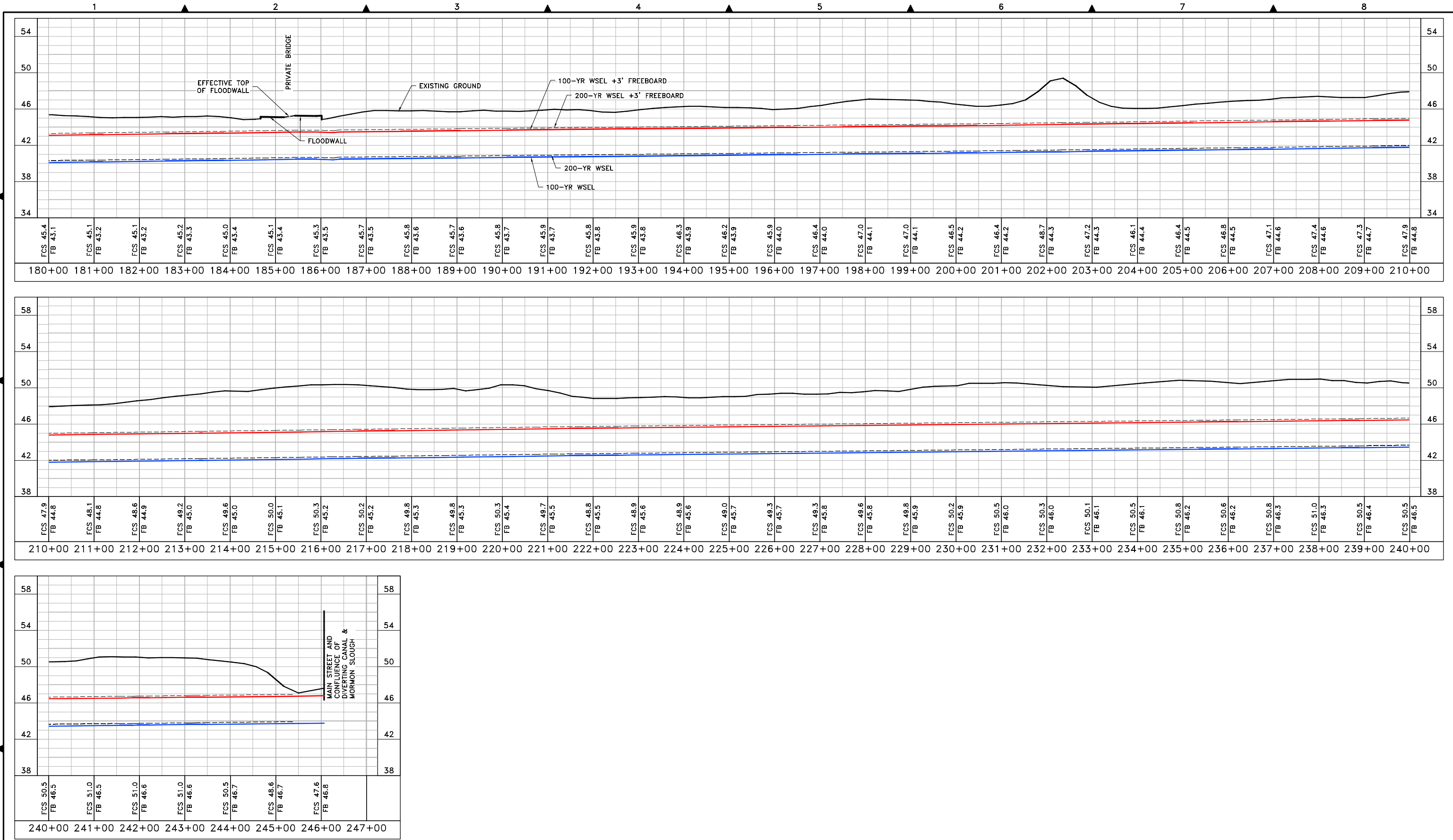
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NOTES:
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WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY
VERTICAL DATUM: NAVD 88

LEGEND

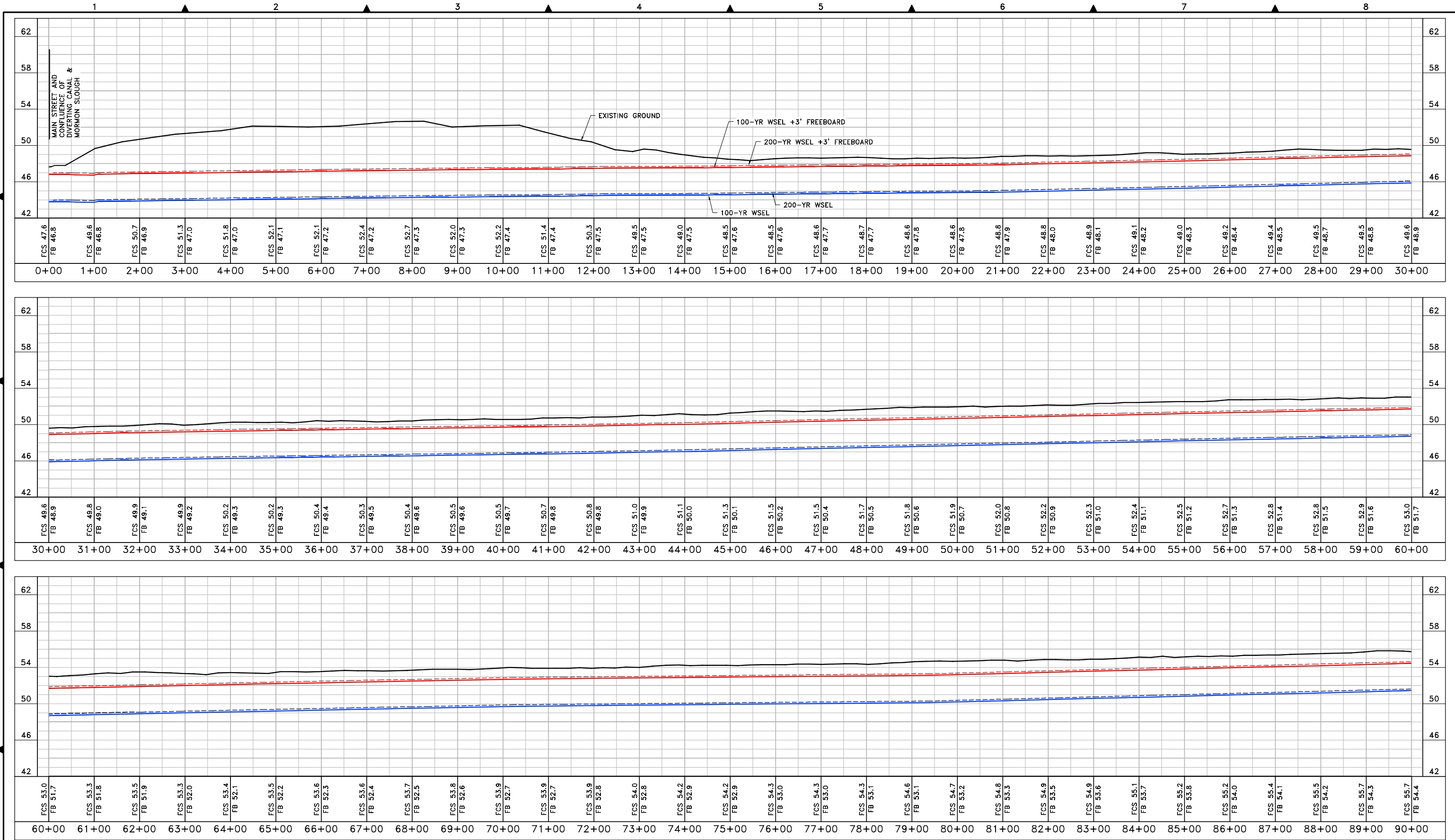
- EXISTING GROUND
- 100-YR WATER SURFACE ELEVATION
- 100-YR FREEBOARD (FB)
- FLOOD CONTROL STRUCTURE

KJELDSSEN SINNOCK NEUDECK INC.
Civil Engineers and Land Surveyors
711 N. Pershing Avenue
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SAN JOAQUIN AREA FLOOD CONTROL AGENCY
DIVERTING CANAL, MORMON SLOUGH, POTTER CREEK
LEVEE ACCREDITATION SURVEYS
STOCKTON DIVERTING CANAL
PROFILE - SOUTH BANK

Revisions					Design	Scale HOR: 1"=100' VERT: 1"=5'	Date JUNE 2014
No.	Description	Date	By	Appvd. By			
					Drawn JRT	17 Of 19	
					Check CHN	Project File No. 2091-0140	

FILE SPEC: P:\2091_SIAFCA_IDIQ\0140_Bear-Calaveras_Accreditation\04_Survey\CADD\SH\Diverting_Mormon_Potter\Shit10-Diverting_Profile.dwg
PLOT DATE: Jun 30, 2014 - 4:33pm



NOTES:
EXISTING GROUND PROFILE ELEVATIONS ARE BASED UPON A COMBINATION OF DATA FROM TASK ORDER 13 AND TASK ORDER 20 OF THE DWR CVFD LIDAR AND FIELD SURVEYS PERFORMED BY KSN IN 2014.
WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY
VERTICAL DATUM: NAVD 88

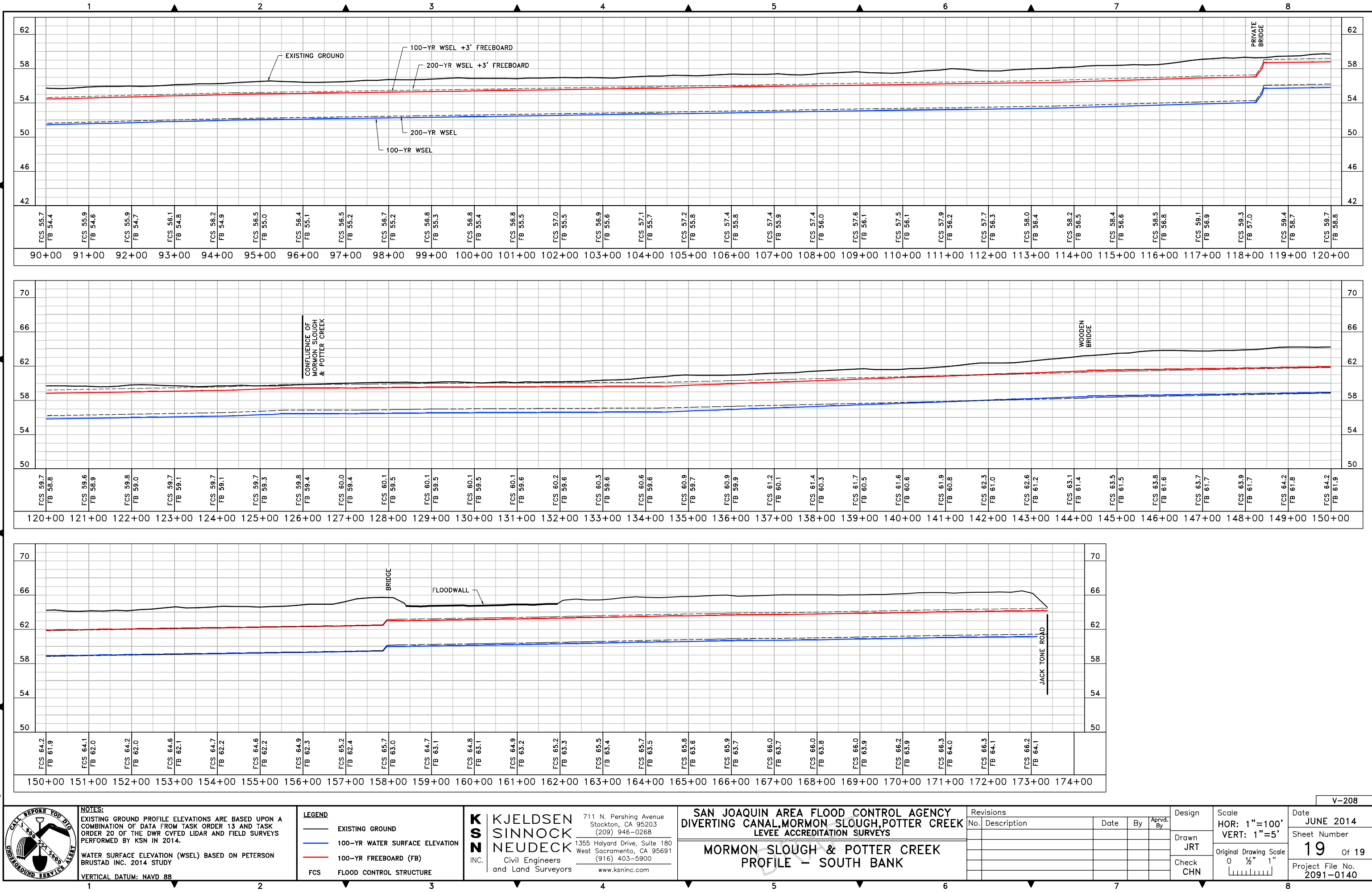
LEGEND
— EXISTING GROUND
— 100-YR WATER SURFACE ELEVATION
— 100-YR FREEBOARD (FB)
FCS FLOOD CONTROL STRUCTURE

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MORMON SLOUGH & POTTER CREEK
PROFILE - SOUTH BANK

Revisions					Design	Scale HOR: 1"=100' VERT: 1"=5'	Date JUNE 2014
No.	Description	Date	By	Appr. By			
					Drawn JRT	18 Of 19	
					Check CHN	Project File No. 2091-0140	

FILE SPEC: P:\2091_SIAFCA_IDIQ\0140_Bear-Calaveras_Accreditation\04_Survey\CADD\SH\Diverting_Mormon_Potter\Shit10-Diverting_Profile.dwg
PLOT DATE: Jun 30, 2014 - 4:35pm



NOTES:

EXISTING GROUND PROFILE ELEVATIONS ARE BASED UPON A COMBINATION OF DATA FROM TASK ORDER 13 AND TASK ORDER 20 OF THE DWR CVFD LIDAR AND FIELD SURVEYS PERFORMED BY KSN IN 2014.

WATER SURFACE ELEVATION (WSEL) BASED ON PETERSON BRUSTAD INC. 2014 STUDY

VERTICAL DATUM: NAVD 88

LEGEND

- EXISTING GROUND
- 100-YR WATER SURFACE ELEVATION
- 100-YR FREEBOARD (FB)
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DIVERTING CANAL, MORMON SLOUGH, POTTER CREEK

LEVEE ACCREDITATION SURVEYS

MORMON SLOUGH & POTTER CREEK

PROFILE - SOUTH BANK

Revisions

No.	Description	Date	By	App'd. By

Design: JRT
Check: CHN

Scale: HOR: 1"=100', VERT: 1"=5'
Original Drawing Scale: 0 1/2" 1"

Date: JUNE 2014
Sheet Number: 19 Of 19
Project File No.: 2091-0140