

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

LOWER CALAVERAS RIVER

SAN JOAQUIN COUNTY, CALIFORNIA

PROVISIONALLY ACCREDITED LEVEE (PAL) SURVEYS

STATION 0+00 TO STATION 305+00
SAN JOAQUIN RIVER TO STOCKTON DIVERTING CANAL
NAVD 88 - NORTH AMERICAN VERTICAL DATUM OF 1988



SHEET NO.	DESCRIPTION
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2	CONTROL SHEET
3-7	ALIGNMENTS
8-11	LEVEE PROFILES - NORTH BANK
12-15	LEVEE PROFILES - SOUTH BANK

INDEX



Submittal	
%	Date

SURVEY DATES:
FIELD SURVEYS AND INFILL SURVEYS WERE PERFORMED BETWEEN
APRIL 2009 AND AUGUST 2009.

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SAN JOAQUIN AREA FLOOD CONTROL AGENCY
LOWER CALAVERAS RIVER
PROVISIONALLY ACCREDITED LEVEE (PAL) SURVEYS

TITLE SHEET

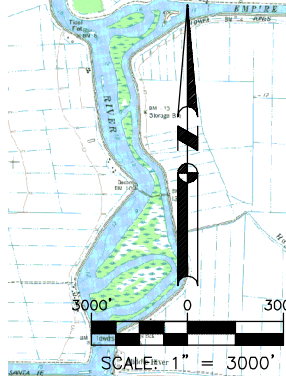
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No.	Description	Date	By	Aprvd. By		
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Drawn JDK	NO SCALE	APRIL, 2009
Check CHN	Original Drawing Scale 0 1/2" 1" 	Sheet Number 1 Of 15
		Project File No. 2091-0080

FILE SPEC: P:\2091_SJAFAA_IDIQ\0140_Bear-Calaveras_Accreditation\04_Survey\CADD\SH\Lower-Calaveras\SHT02_CONTROL.dwg
PLOT DATE: Jul 01, 2014 - 6:52am

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
507	2173751.32	6320895.45	7.97	SET PAVEMENT NAIL IN ASPHALT AT THE CITY OF STOCKTON SEWER PUMP STATION SOUTH OF COUNTRY CLUB BOULEVARD AND WEST OF INTERSTATE 5.
43001	2180613.92	6326615.99	24.52	SET PAVEMENT NAIL ON THE NORTH BANK OF THE CALAVERAS RIVER, ABOUT 600' WEST OF THE FOOT BRIDGE CONNECTING THE NORTH AND SOUTH SIDE OF THE UNIVERSITY OF THE PACIFIC CAMPUS.
1008	2161713.52	6323061.86	26.31	BRASS DISK STAMPED "USCE SJ141," ON THE SOUTH EAST CORNER OF THE BRIDGE OF HIGHWAY 4 AND SAN JOAQUIN RIVER.
1001	2208772.00	6315487.93	12.14	BRASS DISK STAMPED "HARTE 1959," ON THE NORTH SIDE OF EIGHT MILE ROAD, 0.15 MILES WEST OF THE INTERSECTION OF EIGHT MILE ROAD AND THORNTON ROAD.
1003	2184703.61	6327980.60	15.24	BRASS DISK STAMPED "STOCKTON S.W. BASE 1954," 0.15 MILES EAST OF PACIFIC AVENUE AND MARCH LANE. SOUTH OF MARCH LANE AND ALONG E.B.M.U.D. AQUEDUCT.
501	2203678.23	6311021.26	14.39	SET REBAR AND CAP STAMPED "KSN CONTROL" IN THE SOUTH WEST CORNER OF THE CITY OF STOCKTON WATER TOWER FACILITY. NORTH EAST OF THE INTERSECTION OF TRINITY PARKWAY AND BEAR CREEK.
192	2181368.88	6344840.04	35.37	BRASS DISK MARKING COS MONUMENT STAMPED "6S-4" IN MONUMENT BOX 3'± NORTHERLY OF THE NORTHEASTERLY CORNER OF THE WATERLOO RD BRIDGE OVER THE DIVERTING CANAL.
229	2180113.17	6318995.15	16.63	BRASS DISK MARKING COS FORCE MAIN WITH WITNESS POST STAMPED FORCE MAIN 5, 2 FT WEST, ON TOP OF LEVEE ON NORTH BANK OF CALAVERAS RIVER, 103' WEST OF THE I-5 BRIDGE COS "7N-16".
230	2179891.19	6319064.66	18.08	BRASS DISK MARKING CITY OF STOCKTON TRAVERSE CONTROL MONUMENT STAMPED "7N-17" ON TOP OF THE LEVEE ON THE SOUTH BANK OF THE CALAVERAS RIVER 99' WEST OF I-5 BRIDGE.

VERTICAL DATUM SHIFT COMPARISONS:
POINT NO. 230 HAS A MEASURED NAVD 88 ELEVATION OF 18.08 AND A RECORD NGVD 29 ELEVATION OF 15.74 RESULTING IN A +2.34 VERTICAL SHIFT FROM NGVD 29 TO NAVD 88. POINT NO. 192 HAS A MEASURED NAVD 88 ELEVATION OF 35.37 AND A RECORD NGVD 29 ELEVATION OF 33.03 RESULTING IN A +2.34 VERTICAL SHIFT FROM NGVD 29 TO NAVD 88. ADDITIONAL CALCULATED SHIFTS BETWEEN NAVD 88 AND NGVD 29 MAY VARY.



BASIS OF CONTROL (CITY OF STOCKTON):
BEARINGS AND DISTANCES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83) CONVERTED TO THE CALIFORNIA SYSTEM OF 1983, ZONE 3 (CCS83-III) AS REFERENCED BY THE CITY OF STOCKTON HORIZONTAL CONTROL SYSTEM (1991.35 EPOCH DATE.) GRID DISTANCES SHOWN MUST BE MULTIPLIED BY 1.00005782 (CALCULATED AT POINT 1003) TO OBTAIN GROUND DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AS REFERENCED BY AVAILABLE CITY OF STOCKTON BENCHMARKS (COS 96 ADJUSTMENT) 2003 REVISION. UNITS SHOWN ARE BASED ON THE US SURVEY FOOT.



Submittal	Date
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SAN JOAQUIN AREA FLOOD CONTROL AGENCY
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PROVISIONALLY ACCREDITED LEVEE (PAL) SURVEYS

CONTROL SHEET

Revisions				Design	Scale	Date
No.	Description	Date	By			
				Drawn JDK	1" = 3000' Original Drawing Scale 0 1/4" 1"	APRIL, 2009 Sheet Number 2 Of 15 Project File No. 2091-0080
				Check CHN		

FILE SPEC: P:\2091_SJA_FCA_IDIQ\0140_Bear-CalaVeras_Accreditation\04_Survey\CADD\SHT\Lower_CalaVeras\SHT03_CALAVERAS-LEVEE-PLAN.dwg
PLOT DATE: Jul 01, 2014 - 6:53am



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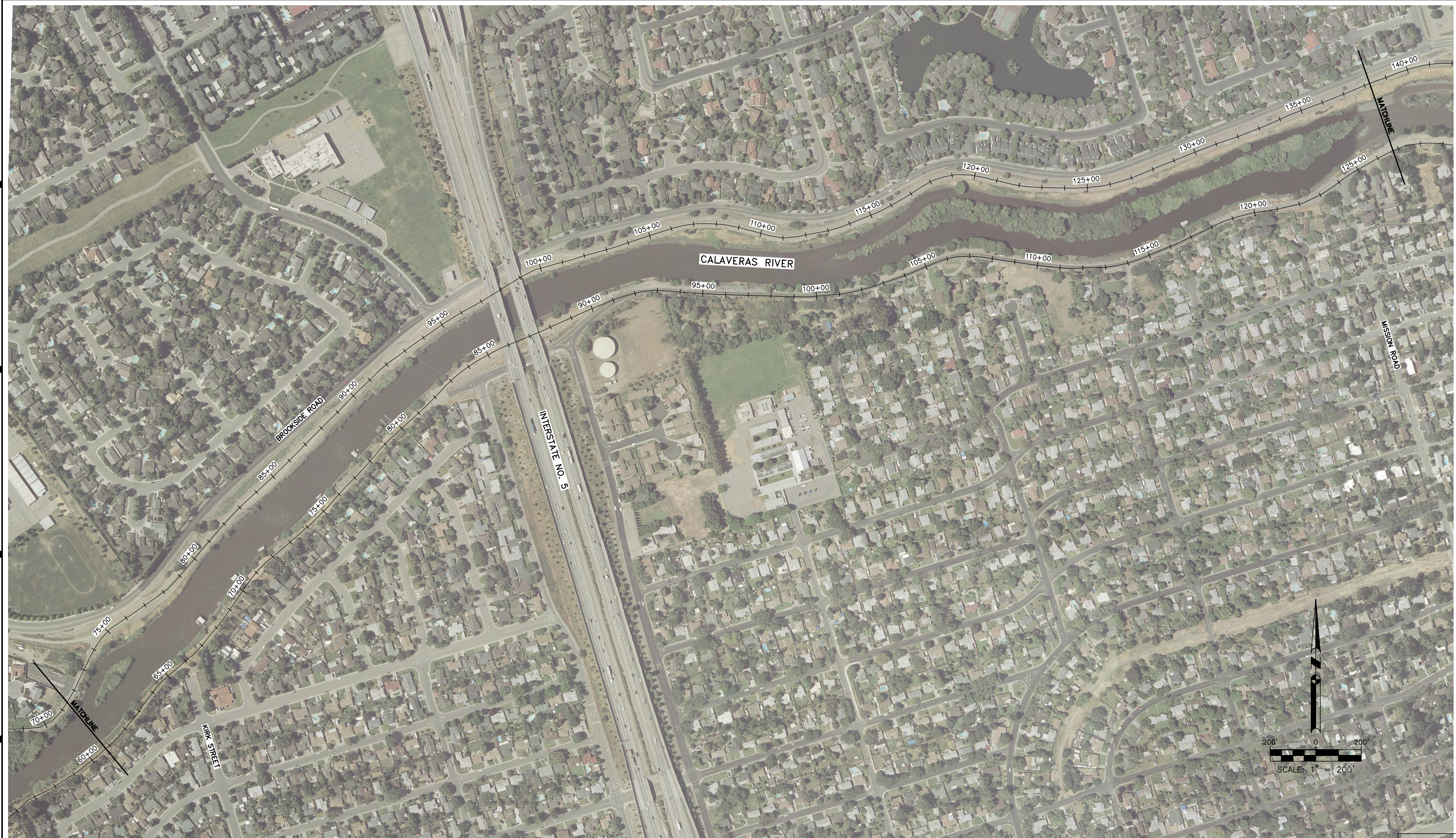
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PLAN VIEW ALIGNMENTS					No.	Description	Date	By	Appr. By	Drawn JDK	Original Drawing Scale 0 1/4" 1" 	1" = 200'	APRIL, 2009	
													Sheet Number	
													3 Of 15	
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Project File No. 2091-0080		

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Original Drawing Scale

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Date

APRIL, 2009

Sheet Number

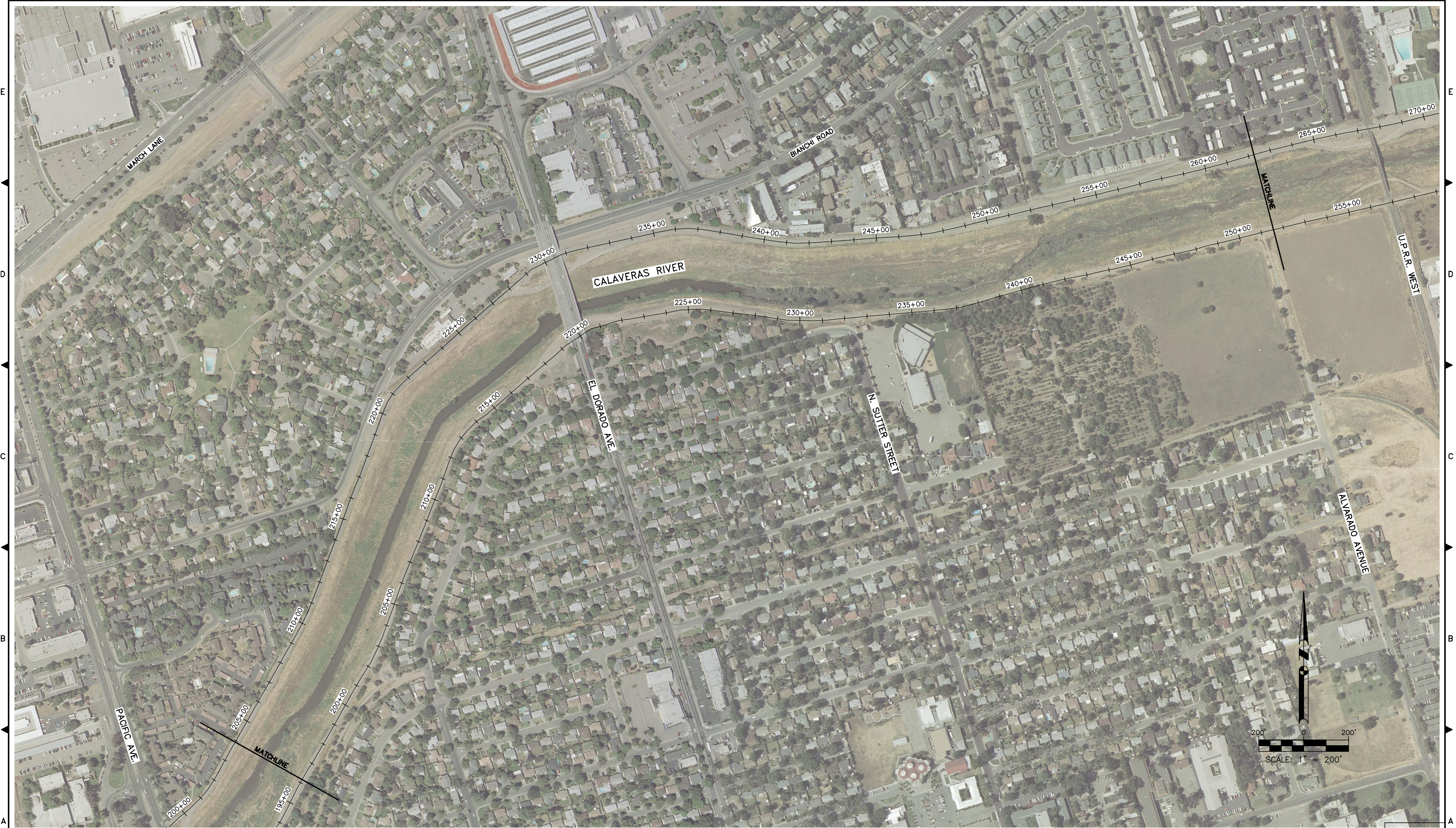
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PLOT DATE: Jul 01, 2014 - 6:54am



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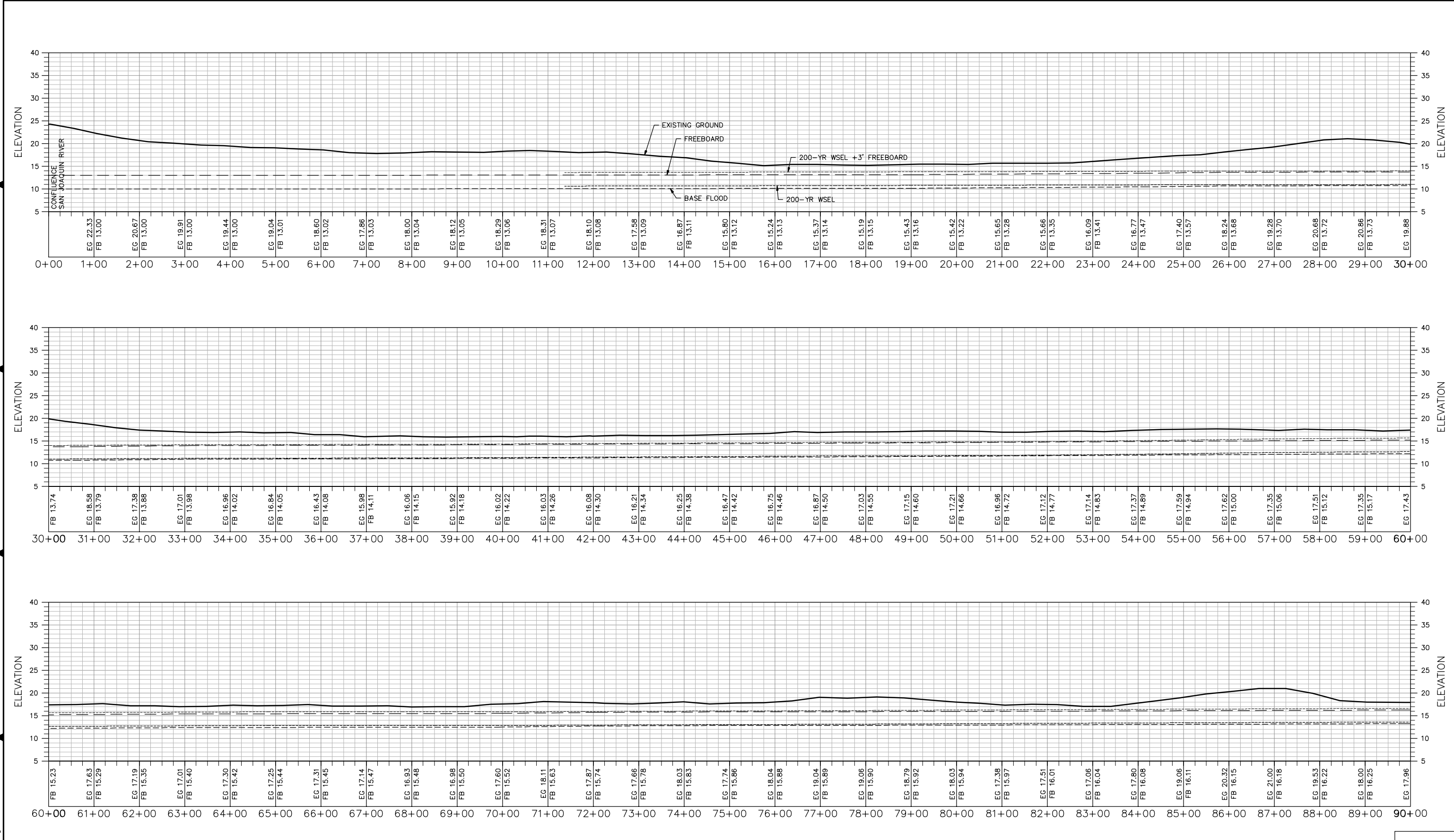
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Date APRIL, 2009	Sheet Number 7 Of 15
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PLOT DATE: Jul 01, 2014 - 1:40pm



Submittal	
%	Date

ABBREVIATIONS:
EG: EXISTING GROUND
FB: FREEBOARD
SJAFA: SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTE:
BASE FLOOD AND FREEBOARD ELEVATIONS ARE BASED
ON THE PETERSON, BRUSTAD INC. 2009 SPECIAL
HYDROLOGY STUDY.

LINE LEGEND:
— — — — — EXISTING GROUND
- - - - - FREEBOARD
- - - - - BASE FLOOD

VERTICAL DATUM:
NAVD-88

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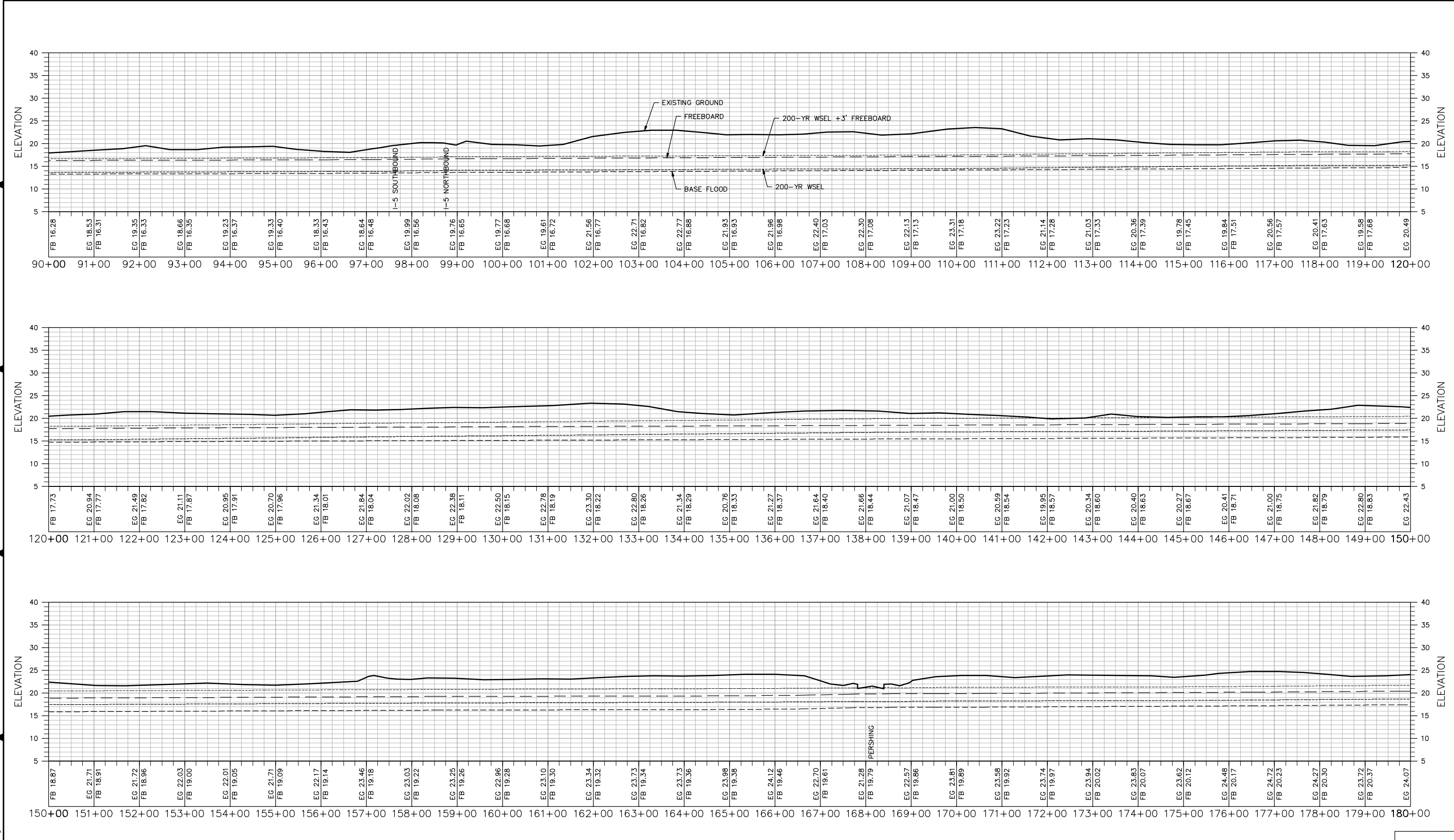
**NORTH BANK
LEVEE PROFILES**

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Drawn JDK	Of 15
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PLOT DATE: Jul 01, 2014 - 1:41pm



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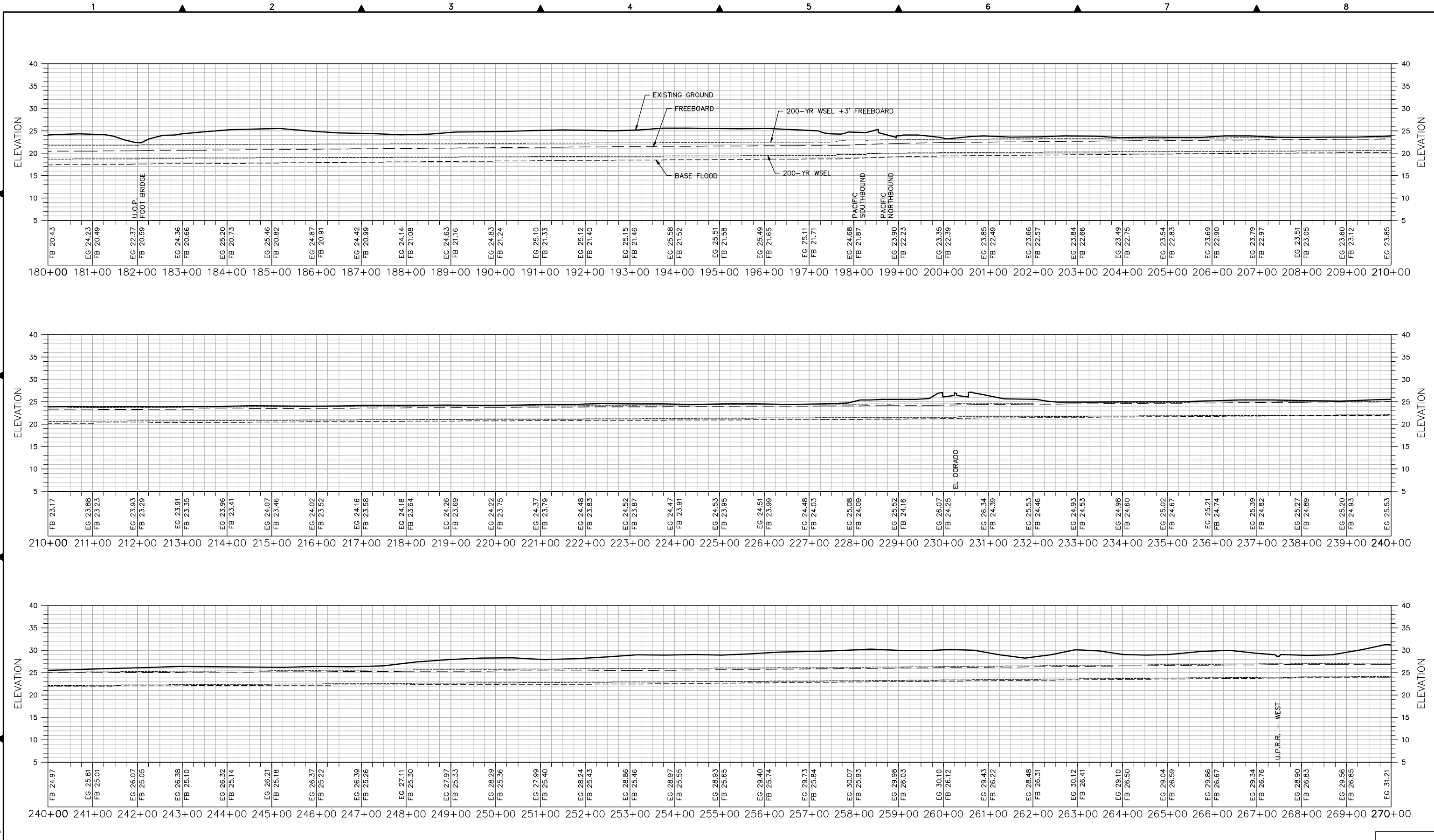
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**NORTH BANK
LEVEE PROFILES**

Revisions		Date	By	Appr'd. By
No.	Description			

Design Drawn JDK Check CHN	Scale VER: 1"=10' HOR: 1"=100' Original Drawing Scale 0 1/2" 1" 	Date APRIL, 2009 Sheet Number 9 Of 15 Project File No. 2091-0080

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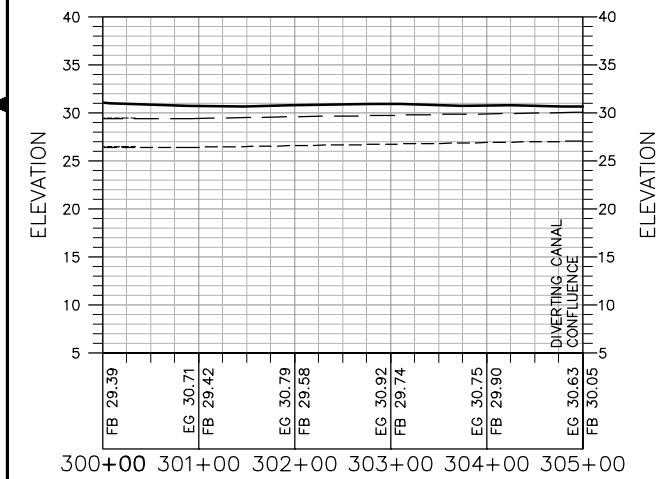
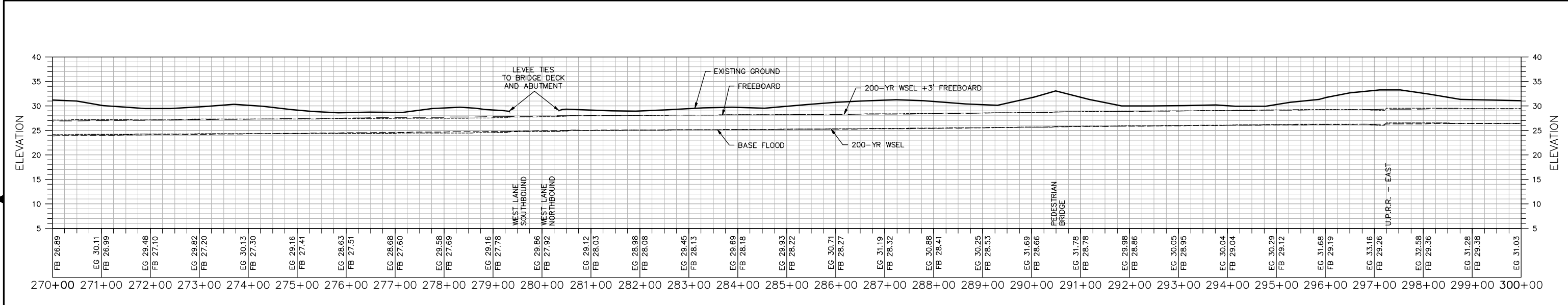
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NORTH BANK LEVEE PROFILES					No.	Description	Date	By	Appr. By	JDK CHN	VER: 1"=10' HOR: 1"=100'	APRIL, 2009
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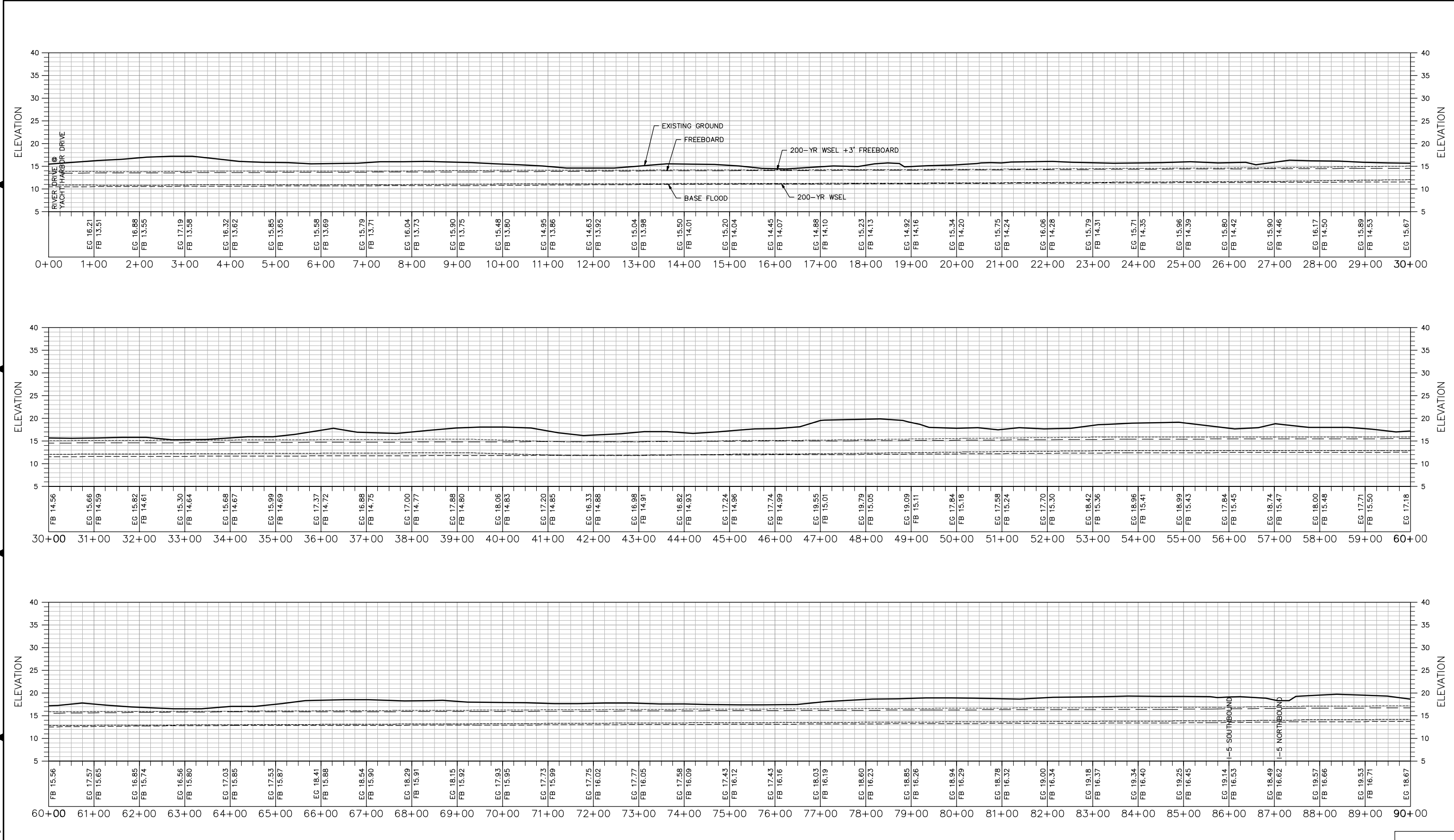
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PLOT DATE: Jul 01, 2014 - 1:42pm



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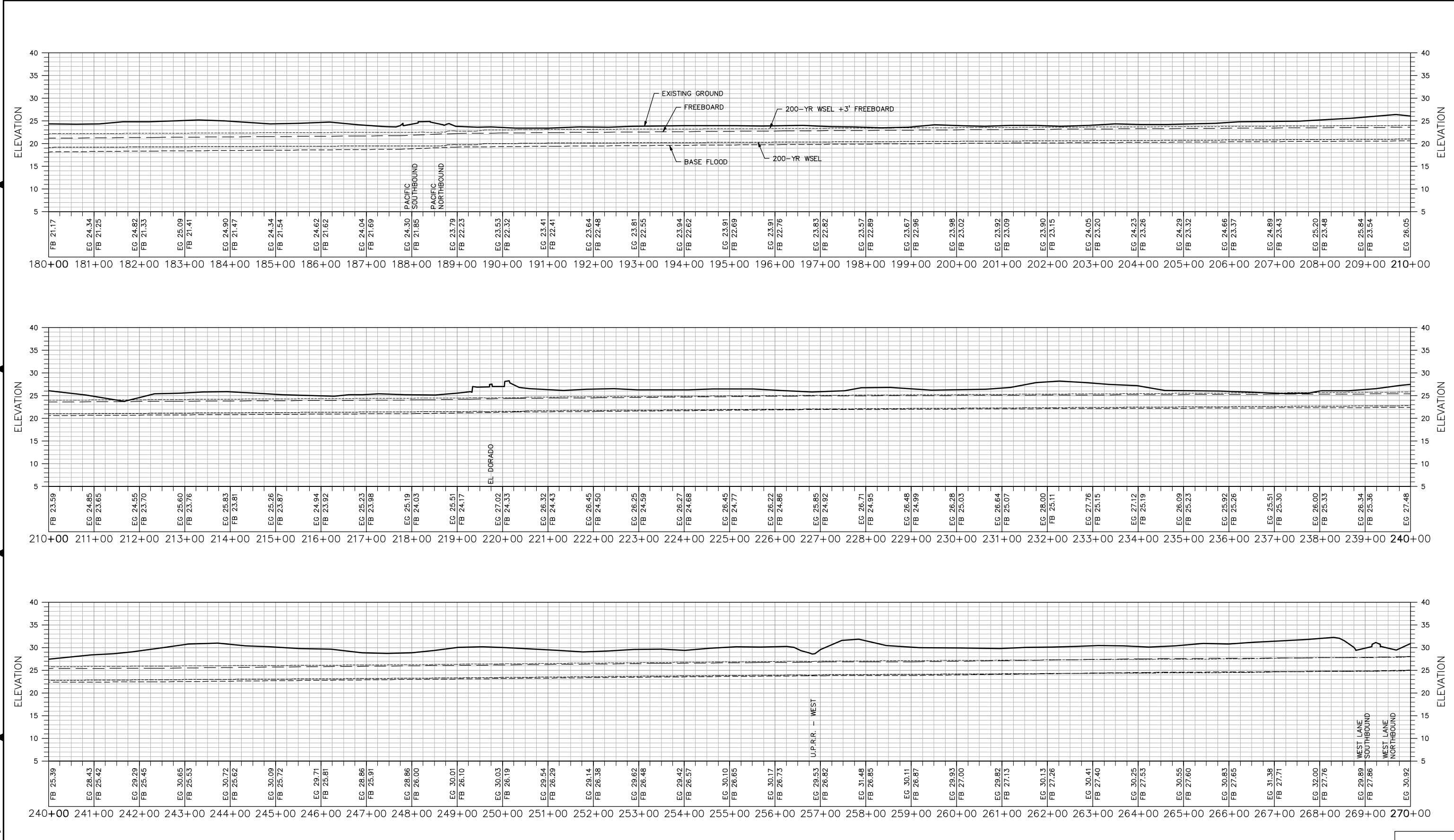
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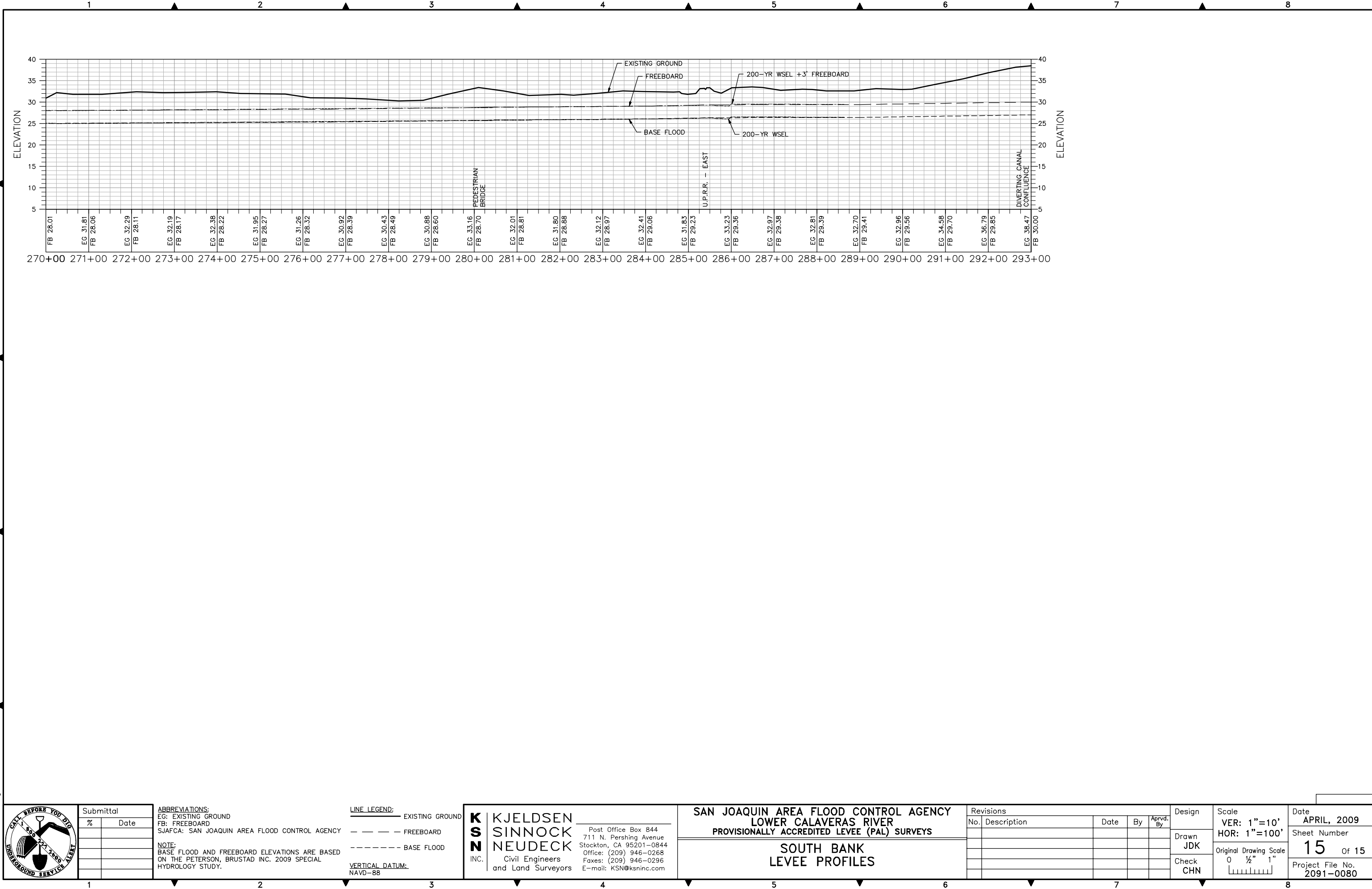
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