Flood Control District
of Maricopa County

INTEROFFICE MEMORANDUM

Date: January 15, 2014

To: Timothy S. Phillips, P.E., Chief Engineer and General Manager

From: Jeff Shelton, P.E., Senior Civil Engineer

Subject: Centennial Wash Floodplain Delineation Study: Gila River to La Paz County Technical Support Data Notebook, Contract FCD 2012C004

The floodplain re-delineation of Centennial Wash south of I-10 is complete and ready to be used as the best available technical information for floodplain management. The study Technical Support Data Notebook will be sent to FEMA for review and incorporation into the County's DFIRM.

The background for the study includes the following:

This study replaces 40 linear miles of effective Zone AE with floodway along the main branch of Centennial Wash and 13 linear miles of Zone AE and A from Centennial Wash Left Overbank in the Harqualaha Valley. The two dimensional model and mapping of Centennial Wash Left Overbank is an improvement over the current floodplain for water surface accuracy and applicable Special Flood Hazard Area zone. The main Centennial Wash remapping is also more accurate than the existing floodplain because it was compiled on four-foot topography. The study consultant is WEST Consultants, Inc. The project manager for the consultant is Chuck Davis, P.E. The project manager for the District is Jeff Shelton, P.E.

Please concur and authorize below the use of this new study. Mr. Philips, please find a "Sign Here" flag in the Technical Support Data Notebook where your signature on the Overview and Concurrence Form is required.

(1) Jeff Shelton Date: 1-15-14 Jeff Shelton, P.E. Project Manager	T-S P Date: 1/27/14 (6) Timothy S. Phillips, P.E., Chief Engineer and General Manager
(2) Amir Motamedi Date: 1/24/14 Amir Motamedi, P.E. Hydrology/Hydraulics Branch Manager	Kelli Sertich Date: 1/27/2014 (5) Kelli Sertich, AICP Floodplain Management & Services Division Manager
(3) Edward Ralfi Date: 1/24/14 Ed Raleigh, P.E. Engineering Division Manager	Don Rerick Date: 1/27/14 (4) Don Rerick, P.E. Planning and Project Management Division Manager
File Copies: 1. Model Library 2. MFR Folder	☐ GIS Posted (Pending Floodplain Only) Date: 01/15/14 No: In Progress

2801 West Durango Street Phoenix, Arizona 85009 Phone: 602-506-1501 Fax: 602-506-4601

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

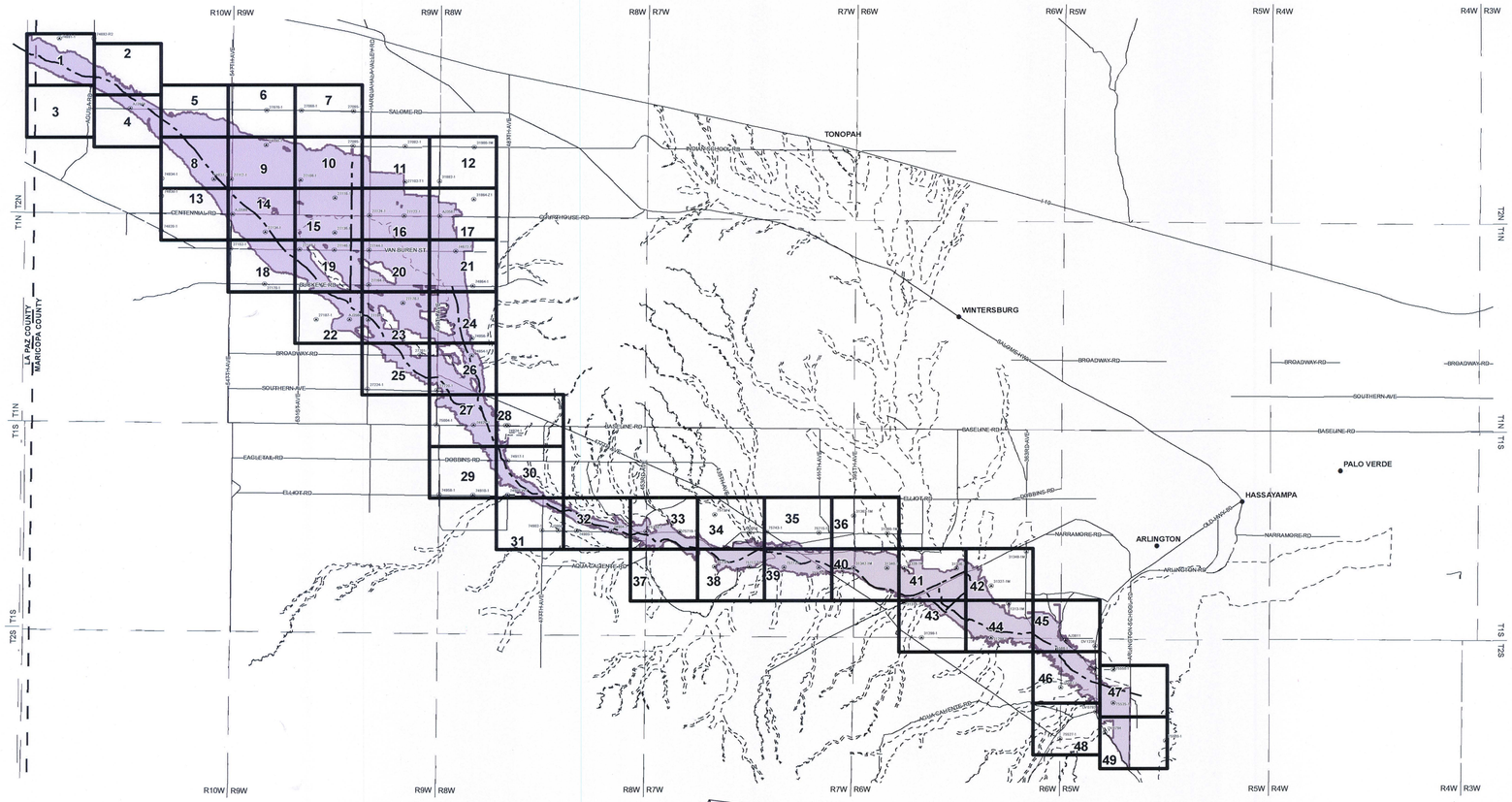
CENTENNIAL WASH
FLOODPLAIN DELINEATION STUDY:
GILA RIVER TO LA PAZ COUNTY

FCD CONTRACT NO. 2012C004
OCTOBER 2013

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY
(GDACS)
CONTROL STATIONS

ID Number	Source	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
74691-1	MCDOT	925,824.30	273,039.50	1,309.86
74692-R2	MCDOT	925,758.90	278,305.60	1,305.15
AJ3574	NGS	915,169.10	283,850.20	1,260.96
27070-1	MCDOT	914,879.30	304,576.00	1,214.40
27068-1	MCDOT	914,813.20	309,857.80	1,197.50
27065-1	MCDOT	914,716.90	317,780.20	1,176.53
74834-1	MCDOT	904,504.00	288,635.40	1,256.65
74837-1	MCDOT	904,410.40	296,562.50	1,211.97
27112-1	MCDOT	904,379.80	299,206.60	1,203.75
27090-1	MCDOT	909,597.00	304,514.20	1,197.89
27108-1	MCDOT	904,251.20	309,734.80	1,177.00
27085-1	MCDOT	909,436.10	317,717.40	1,160.06
27082-1	MCDOT	909,343.70	325,641.40	1,148.38
27102-T1	MCDOT	904,003.50	325,652.00	1,133.24
31882-1	MCDOT	904,006.10	330,866.45	1,121.81
31900-1M	MCDOT	909,232.00	336,176.51	1,143.68
74820-1	MCDOT	896,586.60	288,540.20	1,273.61
74830-1	MCDOT	901,863.50	288,602.80	1,260.13
AJ3568	NGS	899,070.00	299,430.50	1,195.18
27134-1	MCDOT	896,387.40	304,352.80	1,176.72
27136-1	MCDOT	896,261.40	314,917.60	1,150.79
27116-1	MCDOT	901,545.90	314,985.00	1,156.29
27124-1	MCDOT	898,843.20	320,236.10	1,138.52
27122-1	MCDOT	898,782.10	325,518.00	1,120.29
AJ3567	NGS	898,753.00	330,933.70	1,114.70
31864-Z1	MCDOT	901,308.20	336,089.96	1,124.43
27152-1	MCDOT	893,817.10	299,070.80	1,196.64
27170-1	MCDOT	888,468.20	304,255.00	1,171.75
27148-1	MCDOT	893,682.60	309,598.20	1,158.50
27146-1	MCDOT	893,618.30	314,881.20	1,146.74
27164-1	MCDOT	888,278.40	320,103.10	1,123.69
27144-1	MCDOT	893,561.30	320,164.10	1,131.27
74872-1	MCDOT	893,415.60	333,343.60	1,106.22
74864-1	MCDOT	888,104.20	335,925.80	1,102.41
27187-1	MCDOT	883,089.60	312,114.50	1,133.50
27184-1	MCDOT	882,998.30	320,040.30	1,109.58
27178-1	MCDOT	885,577.20	325,352.40	1,101.36
27180-1	MCDOT	882,877.80	330,613.80	1,095.01
74856-1	MCDOT	880,179.00	335,841.00	1,089.15
AJ3564	NGS	883,066.00	917,198.40	1,122.05
27224-1	MCDOT	872,435.60	319,920.20	1,115.37
27201-1	MCDOT	877,624.10	327,910.40	1,092.14
27220-1	MCDOT	872,315.80	330,484.90	1,080.81
24854-1	MCDOT	877,537.50	335,814.00	1,072.45
75004-1	MCDOT	867,032.90	330,426.00	1,081.59
74926-1	MCDOT	866,968.10	336,052.30	1,059.09
74924-1	MCDOT	866,911.60	340,985.50	1,059.77
74923-1	MCDOT	341,333.80	341,333.80	1,062.22
74958-1	MCDOT	856,402.70	330,804.50	1,113.66
74910-1	MCDOT	856,342.50	335,944.40	1,075.34
74908-W1	MCDOT	856,349.70	341,222.80	1,044.45
74917-1	MCDOT	861,552.80	341,298.90	1,056.63
74902-1	MCDOT	850,942.80	346,454.40	1,023.44
74903-1	MCDOT	850,884.10	351,730.90	1,001.99
74904-1	MCDOT	850,821.90	357,007.50	986.12
75720-1	MCDOT	850,780.50	362,288.00	958.56
75719-1	MCDOT	850,723.20	367,440.70	980.75
75734-1	MCDOT	853,313.60	372,730.20	1,166.14
AJ3954	NGS	650,545.40	378,051.40	926.21
75743-1	MCDOT	850,596.20	380,646.60	920.65
75715-1	MCDOT	850,515.50	388,573.70	906.56
31363-1M	MCDOT	853,104.40	393,883.43	911.23
31360-1M	MCDOT	850,407.50	398,987.58	885.35
AJ3956	NGS	850,891.50	948,949.10	1,013.29
75711-1	MCDOT	845,385.10	372,672.20	939.34
75712-T2	MCDOT	845,318.10	377,957.30	922.16
75713-1	MCDOT	845,284.00	383,239.60	902.08
75714-1	MCDOT	845,232.00	388,523.40	887.62
31342-1M	MCDOT	845,178.80	393,809.98	875.30
31340-1	MCDOT	845,121.60	398,948.62	864.48
31339-1M	MCDOT	845,098.00	401,592.40	864.96
31336-1	MCDOT	845,035.00	409,514.66	853.01
31327-1M	MCDOT	842,335.90	414,778.72	839.30
31348-1M	MCDOT	847,586.40	420,097.94	863.80
31319-1	MCDOT	839,818.50	401,552.78	866.03
31298-1	MCDOT	834,516.00	404,157.05	874.70
31294-1	MCDOT	834,424.00	414,719.37	822.16
31313-1M	MCDOT	839,680.45	417,402.82	827.25
AJ3611	NGS	834,051.50	426,081.78	806.53
DV1236	NGS	833,169.60	430,578.50	792.97
75568-1	MCDOT	832,179.20	425,318.40	796.39
75567-1	MCDOT	826,901.50	425,336.90	802.35
75550-1	MCDOT	829,585.60	433,292.30	780.56
75535-1	MCDOT	824,535.60	433,335.10	770.06
75527-1	MCDOT	819,093.10	425,252.90	833.25
DV0793	NGS	823,196.40	430,673.50	787.49
DV0794	NGS	820,016.80	432,081.10	781.82
75520-1	MCDOT	818,734.00	441,289.50	763.43

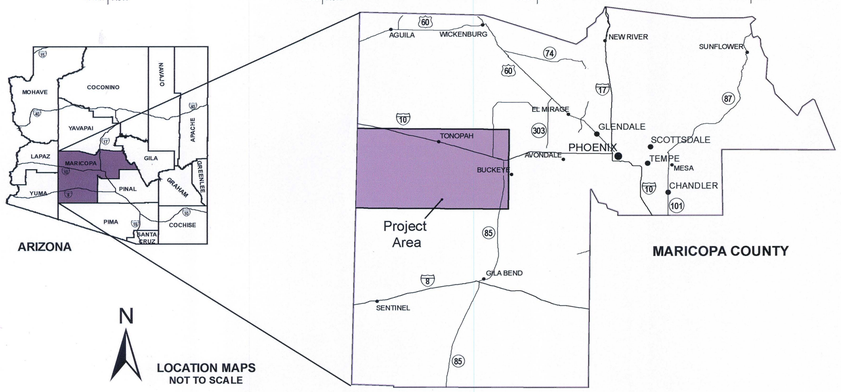


LEGEND

- PROPOSED 1% ANNUAL CHANCE FLOOD BOUNDARY
- EFFECTIVE FLOODPLAIN BOUNDARY (GILA RIVER AND CENTENNIAL WASH TRIBUTARIES ONLY)
- HYDRAULIC BASELINE
- COUNTY BOUNDARY
- SHEET WINDOW AND NUMBER (1)
- ELEV. REFERENCE MARK
- CITY OR TOWN
- TOWNSHIP AND RANGE LINE AND ID (R10W|R9W, T1N|T1S)

NOTES

ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. ELEVATION CONVERSION FACTOR: NAVD88 ELEV. = NGVD29 ELEV. + 2.1 FT.



N
4 2 0 4 Miles
SCALE: 1" = 2 MILES

RECEIVED
FEB 25 2014

11

PRELIMINARY MAPS
THE INFORMATION SHOWN ON THIS PRELIMINARY MAPPING IS THE BEST TECHNICAL INFORMATION AVAILABLE AT THIS TIME TO DETERMINE THE 100-YEAR FLOODPLAIN AND IS SUBJECT TO CHANGE.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

CENTENNIAL WASH
FLOODPLAIN DELINEATION STUDY:
GILA RIVER TO LA PAZ COUNTY

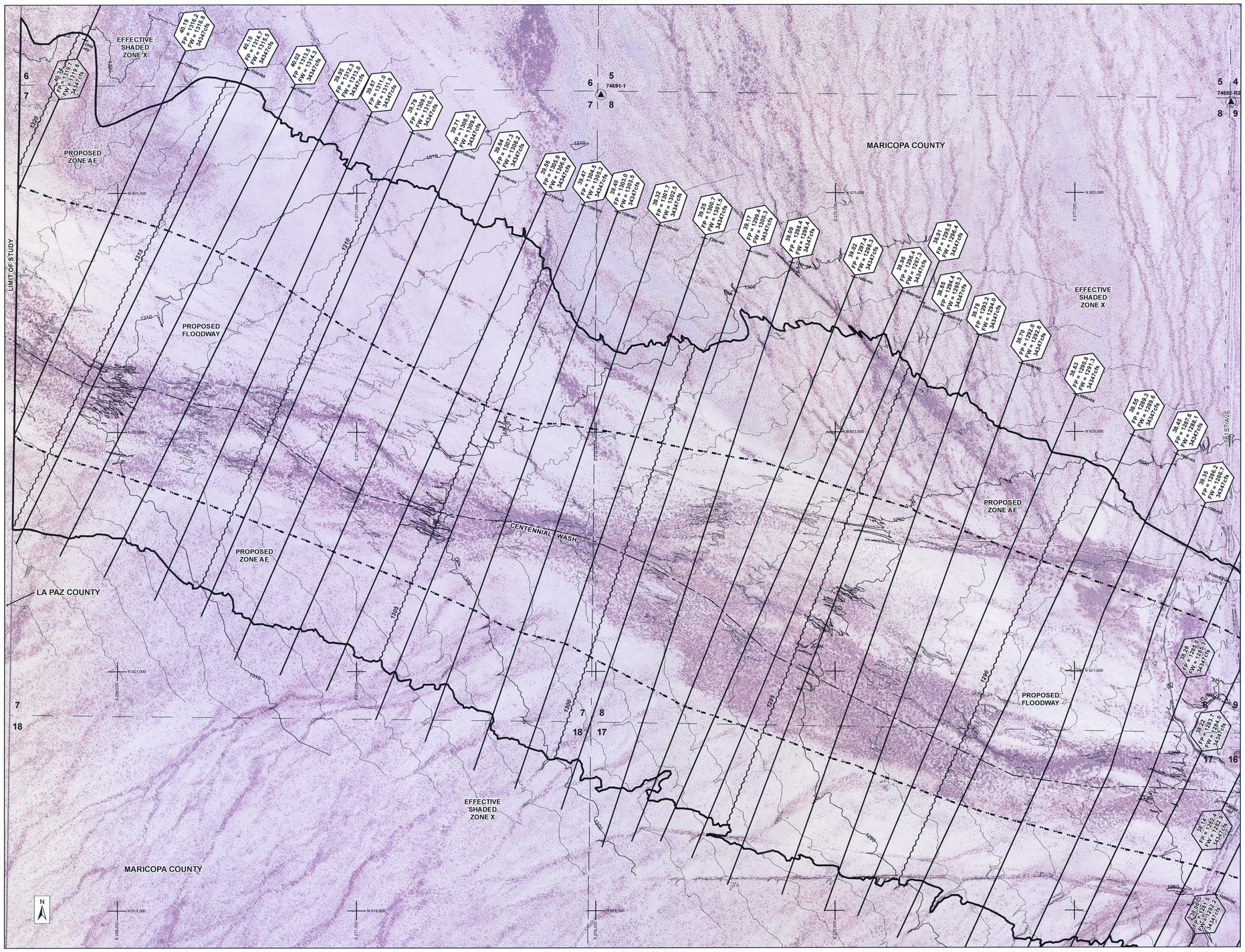
F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-15-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	---	---
DESIGN CHECK	---	---
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

COVER SHEET



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

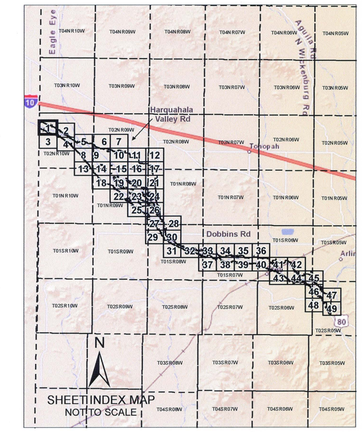
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 74691-1	1309.9	FD 2" IP 0.9' UP W/ 2 1/2" GLO BC STAMPED "T2N R10W S6 S5 S7 S8 1914"
MCDOT 74692-R2	1305.2	FD 1 1/4" PIPE 0.5' UP W/ 3" MC HWY DEPT BC STAMPED "RP SEC COR 40 W"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 10W, SECTIONS 4-9 AND 16-18.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

52895 CHARLES M. DAVIS — Registered Professional Engineer — ARIZONA, U.S.A. — Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	9/13
PLANS CHECK	CMD, JWH	9/13

SHEET 1 OF 49

MATCH LINE SHEET 1

MATCH LINE SHEET 5

MATCH LINE SHEET 4

MARICOPA COUNTY

EFFECTIVE SHADED ZONE X

PROPOSED ZONE AE

PROPOSED FLOODWAY

CENTENNIAL WASH

CENTERLINE ALIGNMENT

EFFECTIVE SHADED ZONE X

PROPOSED ZONE AE

PROPOSED FLOODWAY

PROPOSED ZONE AE

9 10
16 15

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge

1.009
FP = 2222.33
FW = 2222.33
3333cfs

D-D'

Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

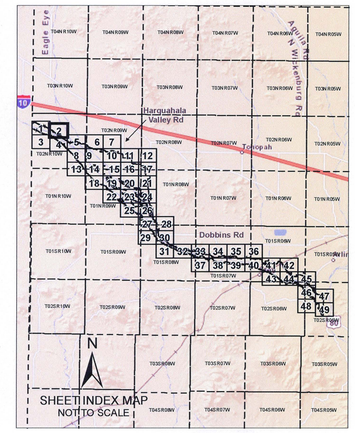
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 10W, SECTIONS 8-10 AND 15-16.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

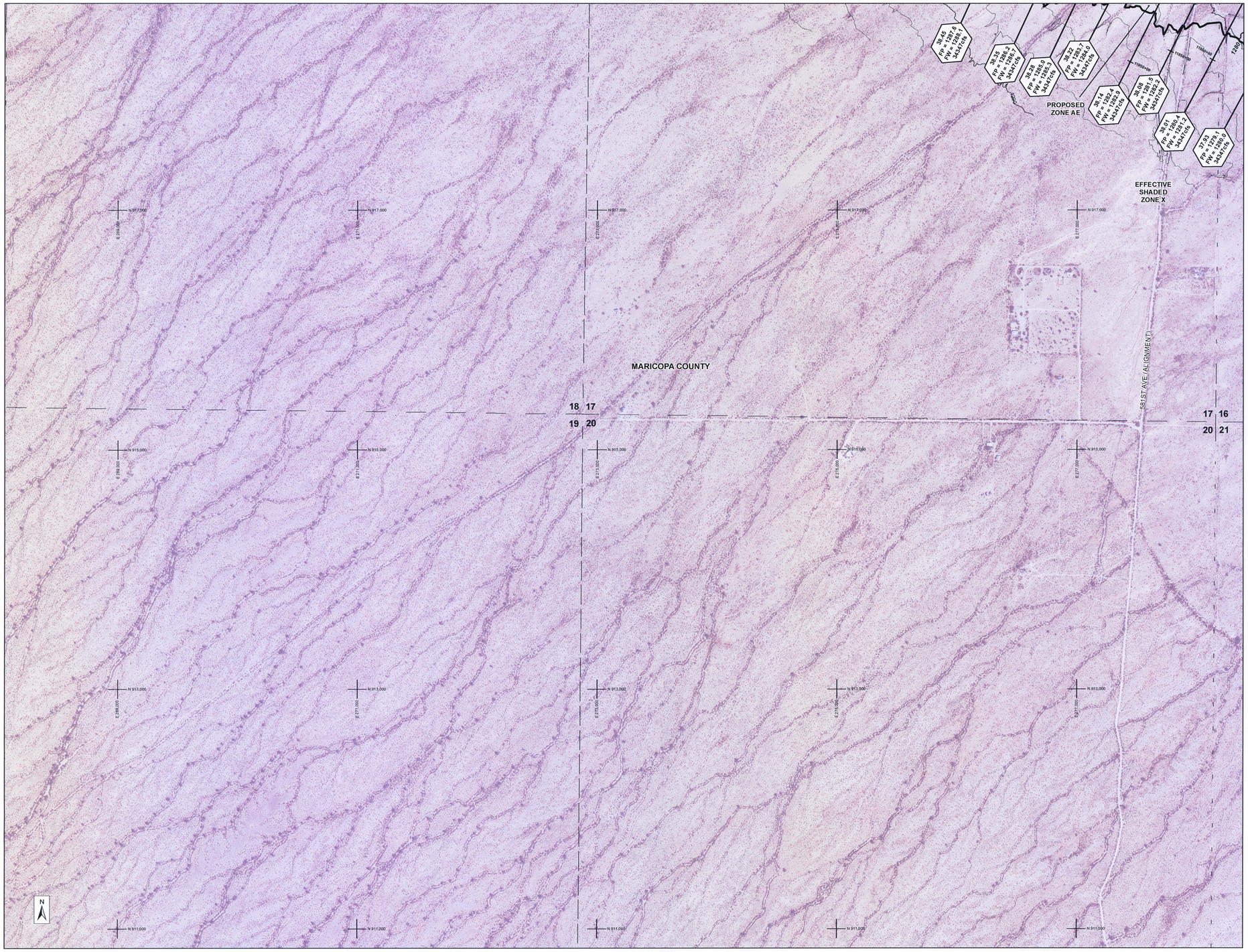
Registered Professional Engineer — Certificate No. 52895 — CHARLES M. DAVIS — Date Signed 10-31-2013 — ARIZONA, U.S.A.

Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 1



MATCH LINE SHEET 4

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE

ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D-D0
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

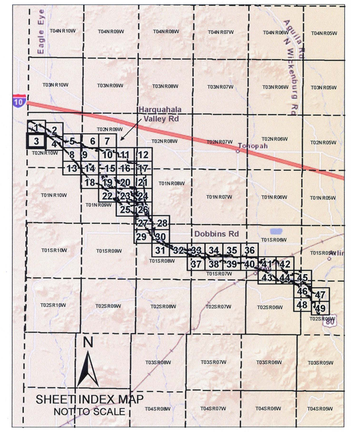
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 10W, SECTIONS 16-21.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 2

MATCH LINE SHEET 3

MATCH LINE SHEET 5

MATCH LINE SHEET 8

PROPOSED FLOODWAY

PROPOSED ZONE AE

EFFECTIVE SHADED ZONE X

HARQUAHALA (ALIGNMENT)

CENTENNIAL WASH

AJ3574

MARICOPA COUNTY

HARQUAHALA VALLEY IRRIGATION DISTRICT WESTSIDE CANAL

37.42 FP = 1272.1 FW = 1272.8 3434 cfs

37.35 FP = 1271.3 FW = 1271.9 3434 cfs

37.28 FP = 1270.4 FW = 1271.3 3434 cfs

37.22 FP = 1269.7 FW = 1270.5 3434 cfs

37.15 FP = 1268.9 FW = 1269.4 3434 cfs

37.08 FP = 1267.9 FW = 1268.3 3434 cfs

37.01 FP = 1266.7 FW = 1267.3 3434 cfs

36.93 FP = 1265.7 FW = 1266.4 3434 cfs

36.88 FP = 1265.0 FW = 1265.8 3434 cfs

36.83 FP = 1264.4 FW = 1265.0 3434 cfs

36.76 FP = 1263.3 FW = 1264.0 3434 cfs

36.70 FP = 1262.1 FW = 1262.9 3434 cfs

36.63 FP = 1260.2 FW = 1261.7 3434 cfs

36.55 FP = 1258.7 FW = 1259.9 3434 cfs

36.46 FP = 1256.8 FW = 1258.7 3434 cfs

36.41 FP = 1255.8 FW = 1256.8 3434 cfs

36.36 FP = 1255.2 FW = 1255.9 3434 cfs

36.30 FP = 1257.4 FW = 1258.1 3434 cfs

36.25 FP = 1256.7 FW = 1257.4 3434 cfs

36.17 FP = 1255.8 FW = 1256.3 3434 cfs

36.10 FP = 1254.7 FW = 1255.4 3434 cfs

36.03 FP = 1253.6 FW = 1254.4 3434 cfs

35.98 FP = 1252.5 FW = 1253.3 3434 cfs

35.89 FP = 1251.7 FW = 1252.4 3434 cfs

35.80 FP = 1250.4 FW = 1251.1 3434 cfs

35.72 FP = 1249.0 FW = 1249.8 3434 cfs

35.64 FP = 1247.6 FW = 1248.2 3434 cfs

35.59 FP = 1246.6 FW = 1246.2 3434 cfs

35.53 FP = 1245.8 FW = 1246.6 3434 cfs

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D-100
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

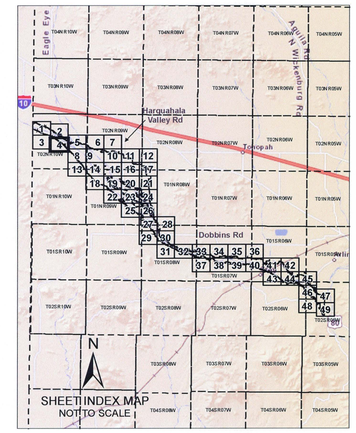
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
NGS AJ3574	1261.0	AL CAP COMPRESSED ON A 50' STAINLESS STEEL ROD, ENCASED IN A 1" PVC SLEEVE ENCLOSED IN A 5" PVC PIPE W/ COUNTY LOGO

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 10W, SECTIONS 15-16, 21-22 AND 27-28.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer, State of Arizona
52895
CHARLES M. DAVIS
Date Signed 10-31-2013
ARIZONA, U.S.A.
Expires 12/31/2014

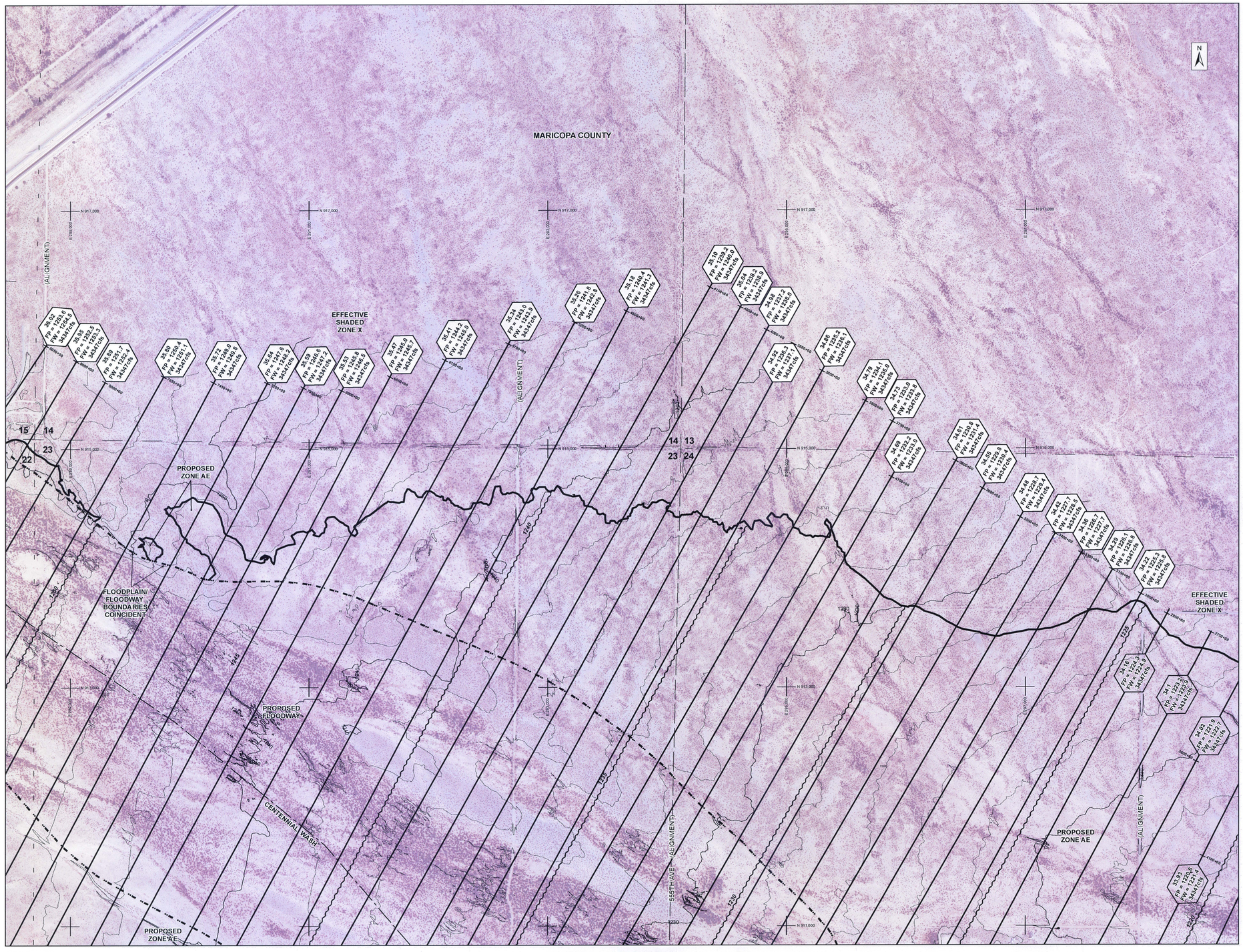
WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 4 OF 49

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

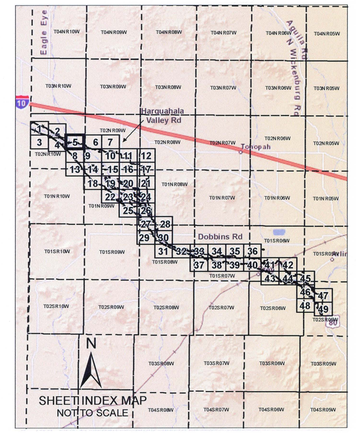
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 10W, SECTIONS 13-15 AND 22-24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

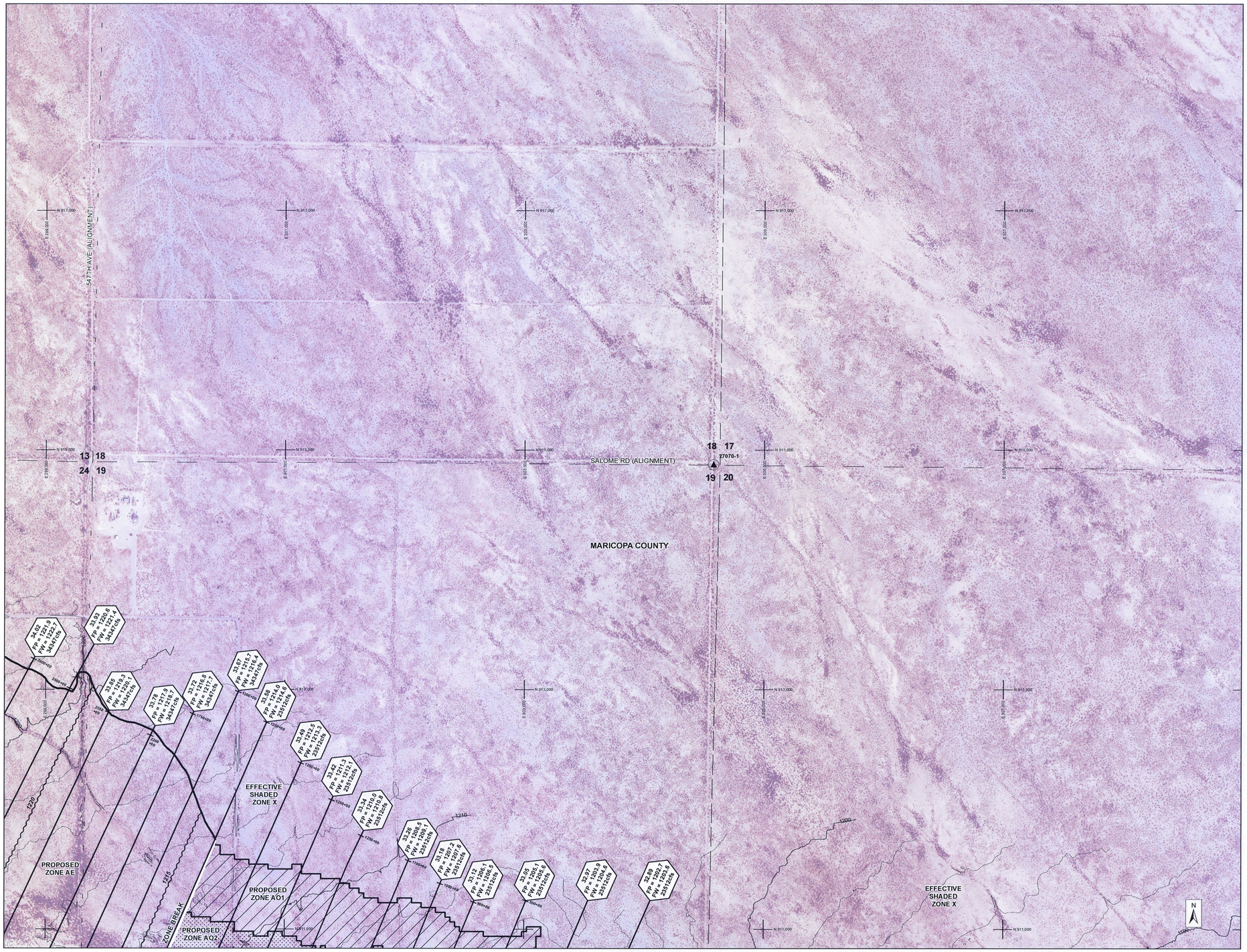
CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10/31/2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	---	---
DESIGN CHECK	---	---
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

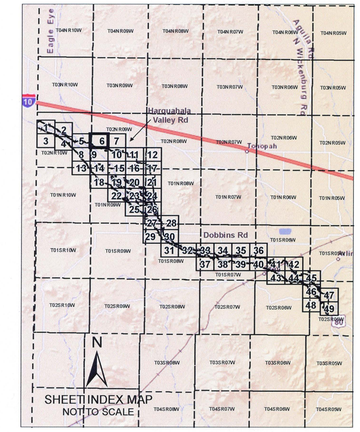
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27070-1	1214.4	FD 2" IP 0.9' UP W/ 2 1/2" GLO BC STAMPED "T2N R92 S17 S18 S19 S20 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 9W, SECTIONS 17-20 AND TOWNSHIP 2N, RANGE 10W, SECTIONS 13 AND 24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

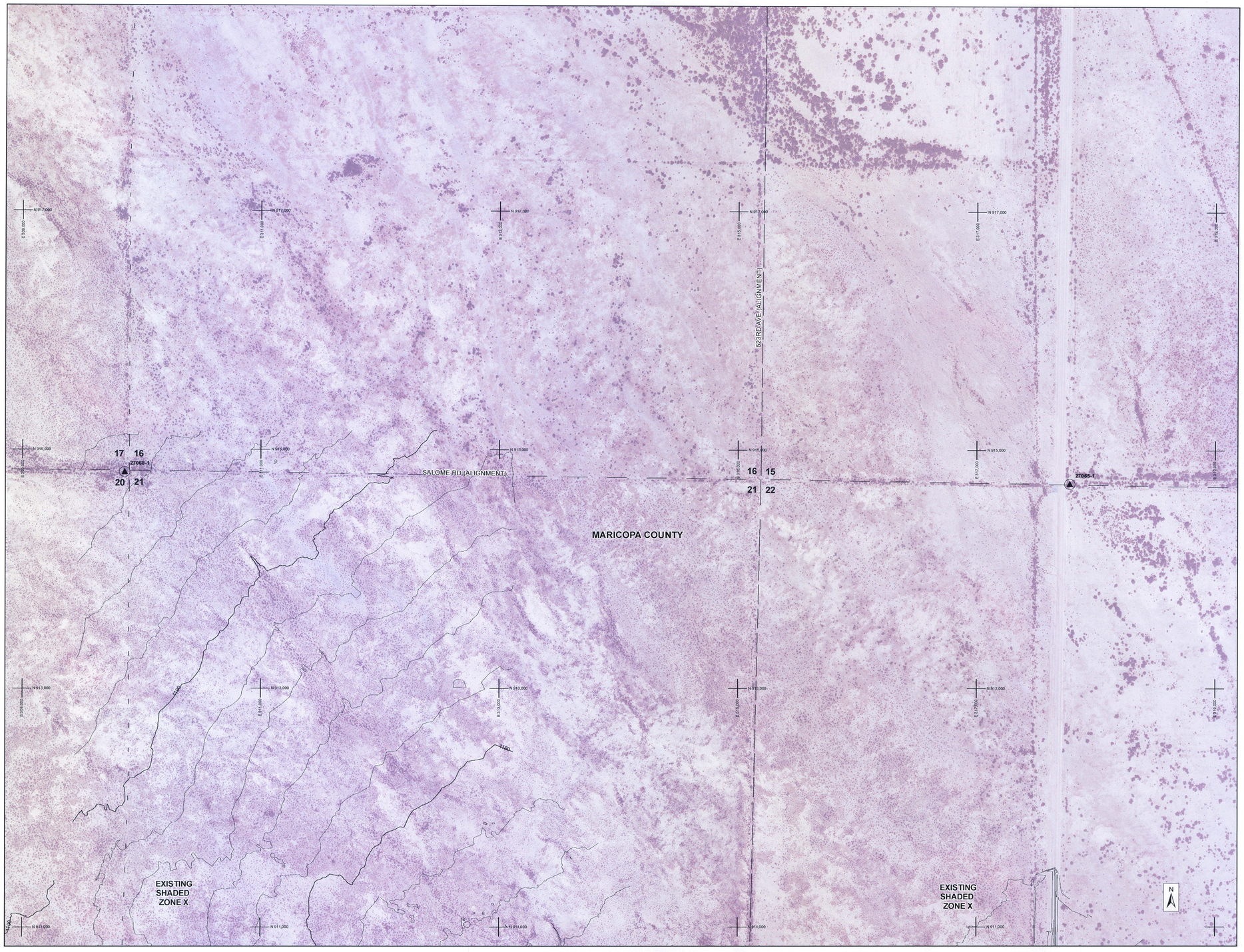
F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10/31/2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 6



MATCH LINE SHEET 10

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

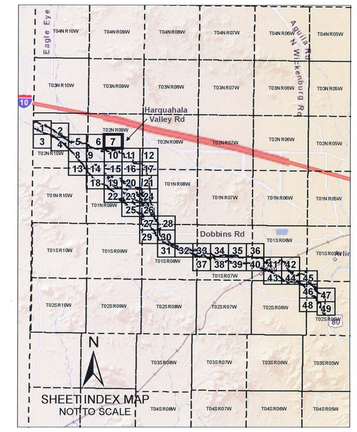
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27068-1	1197.5	FD 2" IP 0.3' UP W/ 2 1/2" GLO BC STAMPED "1/4 S15 S22 1914"
MCDOT 27065-1	1176.5	FD 1" IP 1.55' UP W/ 2 1/2" GLO BC STAMPED "T2ND R9W S16 S17 S20 S21 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 9W, SECTIONS 15-17 AND 20-22.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) — Certificate No. 52895 — CHARLES M. DAVIS — Date Signed 10-31-2013 — ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

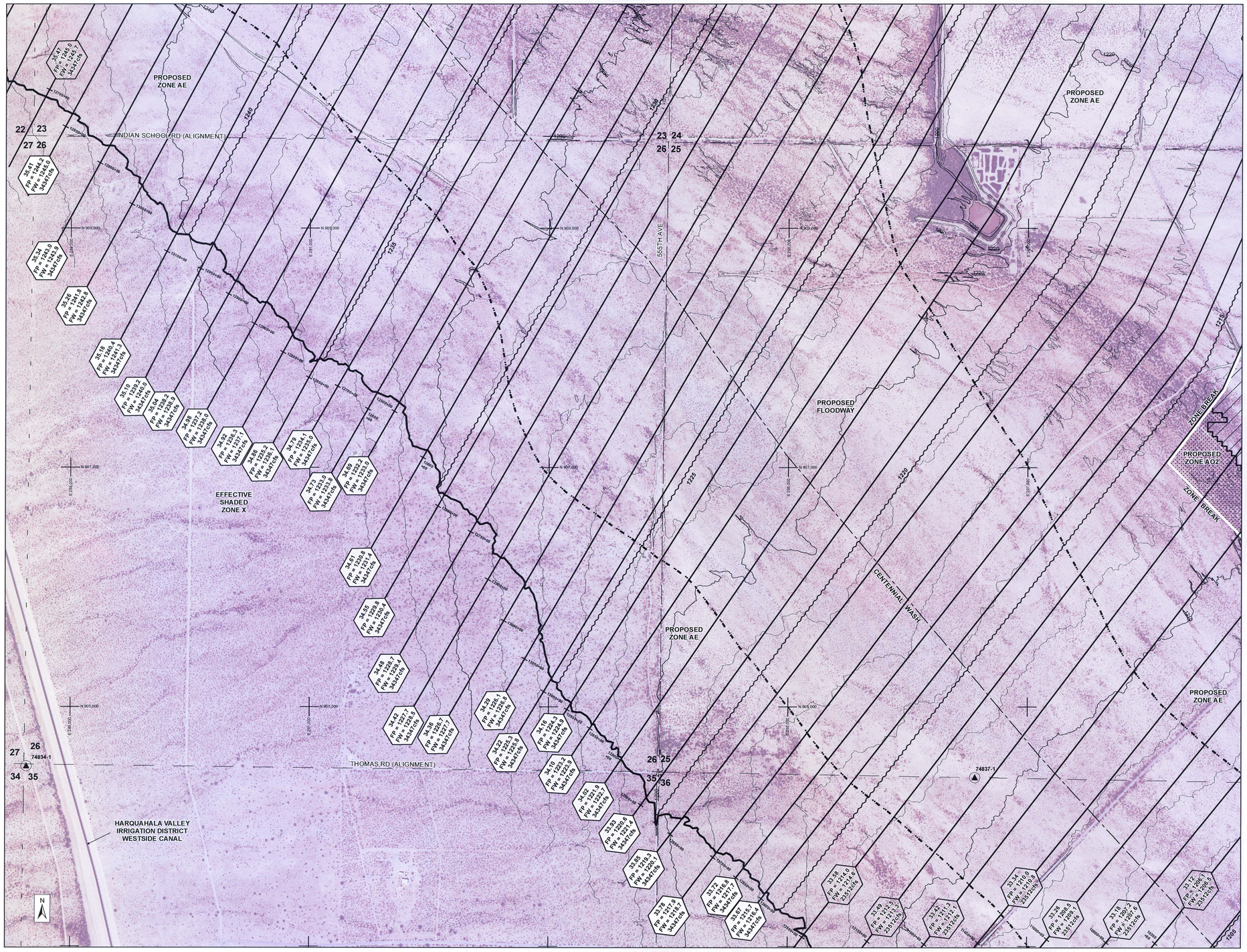
	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	1/14
PLANS CHECK	CMD, JWH	1/14

SHEET 7 OF 49

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MATCH LINE SHEET 5


PROPOSED ZONE AE
INDIAN SCHOOL RD (ALIGNMENT)
555TH AVE
PROPOSED FLOODWAY
PROPOSED ZONE AO2
ZONE BREAK
CENTENNIAL WASH
EFFECTIVE SHADED ZONE X
THOMAS RD (ALIGNMENT)
HARQUAHALA VALLEY IRRIGATION DISTRICT WESTSIDE CANAL
74834-1
74837-1
22 23 27 26
23 24 26 25
26 25 35 36
27 26 34 35
35.47 FP = 1245.0 FW = 1245.7 3434Cfs
35.41 FP = 1244.2 FW = 1244.0 3434Cfs
35.34 FP = 1243.0 FW = 1242.9 3434Cfs
35.28 FP = 1241.8 FW = 1241.8 3434Cfs
35.16 FP = 1240.4 FW = 1241.3 3434Cfs
35.10 FP = 1239.4 FW = 1240.0 3434Cfs
35.04 FP = 1238.2 FW = 1238.9 3434Cfs
34.98 FP = 1237.2 FW = 1237.0 3434Cfs
34.92 FP = 1236.5 FW = 1237.1 3434Cfs
34.86 FP = 1235.2 FW = 1236.1 3434Cfs
34.79 FP = 1234.1 FW = 1235.0 3434Cfs
34.73 FP = 1233.0 FW = 1233.8 3434Cfs
34.68 FP = 1232.2 FW = 1233.0 3434Cfs
34.61 FP = 1230.9 FW = 1231.4 3434Cfs
34.55 FP = 1229.8 FW = 1230.4 3434Cfs
34.48 FP = 1228.7 FW = 1229.4 3434Cfs
34.42 FP = 1227.7 FW = 1228.5 3434Cfs
34.35 FP = 1226.7 FW = 1227.7 3434Cfs
34.29 FP = 1225.1 FW = 1226.8 3434Cfs
34.22 FP = 1225.3 FW = 1226.9 3434Cfs
34.16 FP = 1224.3 FW = 1224.9 3434Cfs
34.10 FP = 1223.2 FW = 1223.9 3434Cfs
34.03 FP = 1221.9 FW = 1222.7 3434Cfs
33.93 FP = 1220.6 FW = 1221.4 3434Cfs
33.85 FP = 1219.3 FW = 1220.1 3434Cfs
33.76 FP = 1217.9 FW = 1218.7 3434Cfs
33.12 FP = 1216.8 FW = 1217.7 3434Cfs
33.07 FP = 1215.7 FW = 1216.4 3434Cfs
33.58 FP = 1214.0 FW = 1214.6 2351Cfs
33.49 FP = 1213.5 FW = 1213.2 2351Cfs
33.42 FP = 1211.3 FW = 1212.1 2351Cfs
33.34 FP = 1210.0 FW = 1210.8 2351Cfs
33.26 FP = 1208.5 FW = 1208.7 2351Cfs
33.18 FP = 1207.2 FW = 1207.6 2351Cfs
33.12 FP = 1206.1 FW = 1206.5 2351Cfs
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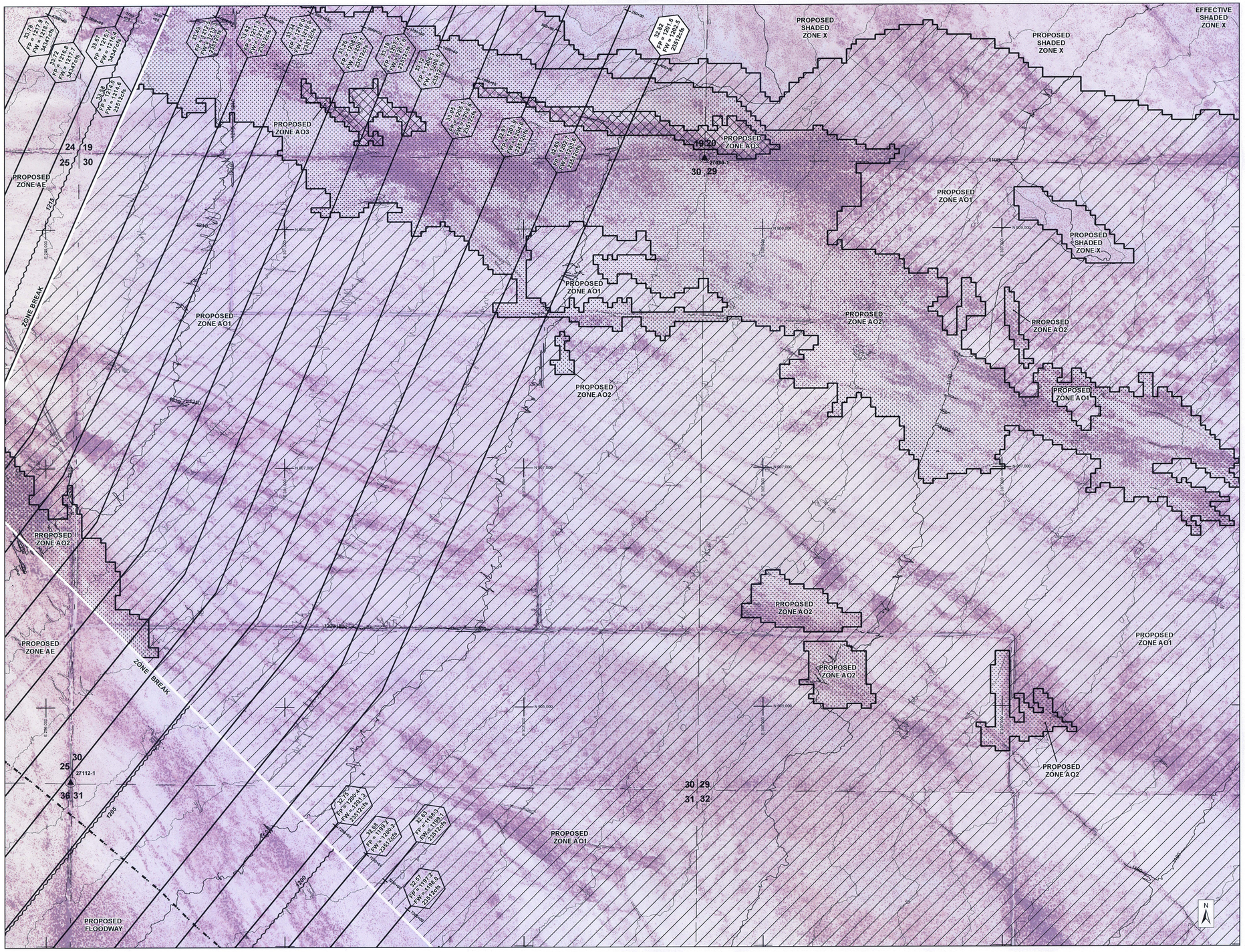
MATCH LINE SHEET 6

MATCH LINE SHEET 8

MATCH LINE SHEET 10

MATCH LINE SHEET 14



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

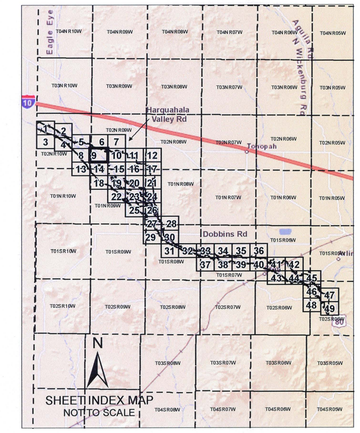
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27112-1	1203.7	FD 3" IP 0.45' DN W/ 3 1/2" GLO BC STAMPED "T2N R9W S19 S20 S29 S30 1914"
MCDOT 27090-1	1197.9	FD 2" IP 0.6' DN W/ 2 1/2" GLO BC STAMPED "T2N R10W S25 S36 R9W S30 S31 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 9W, SECTIONS 19-20 AND 29-32, AND TOWNSHIP 2N, RANGE 10W, SECTIONS 24-25 AND 36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Professional Engineer Certificate No. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

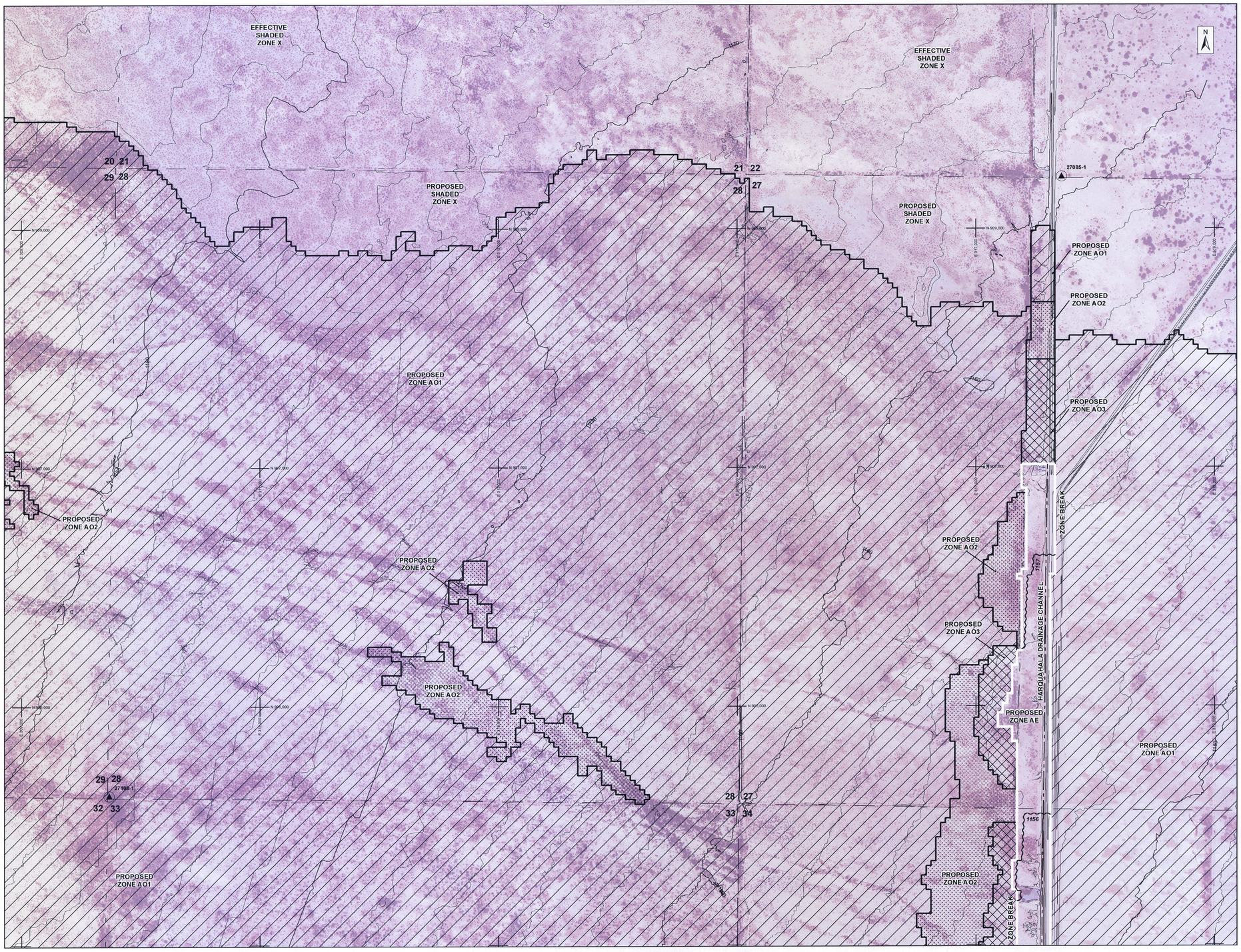
	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 9 OF 49

MATCH LINE SHEET 7

MATCH LINE SHEET 9

MATCH LINE SHEET 11



MATCH LINE SHEET 15

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

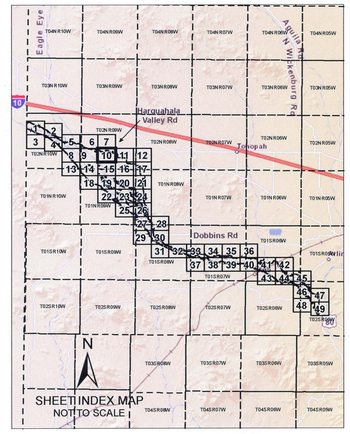
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27108-1	1177.0	FD 2" IP 0.15' UP W/ 2 1/2" GLO BC STAMPED "T2N R92 S28 S29 S32 S33 1914"
MCDOT 27085-1	1160.1	FD 1" IP 0.45' DN W/ 2 1/2" GLO BC STAMPED "1/4 S22 S27 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 9W, SECTIONS 20-21, 27-29, AND 32-34.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer — CERTIFICATE NO. 52895 — CHARLES M. DAVIS — Date Signed 10-31-2013 — ARIZONA, U.S.A.
Expires 12/31/2014

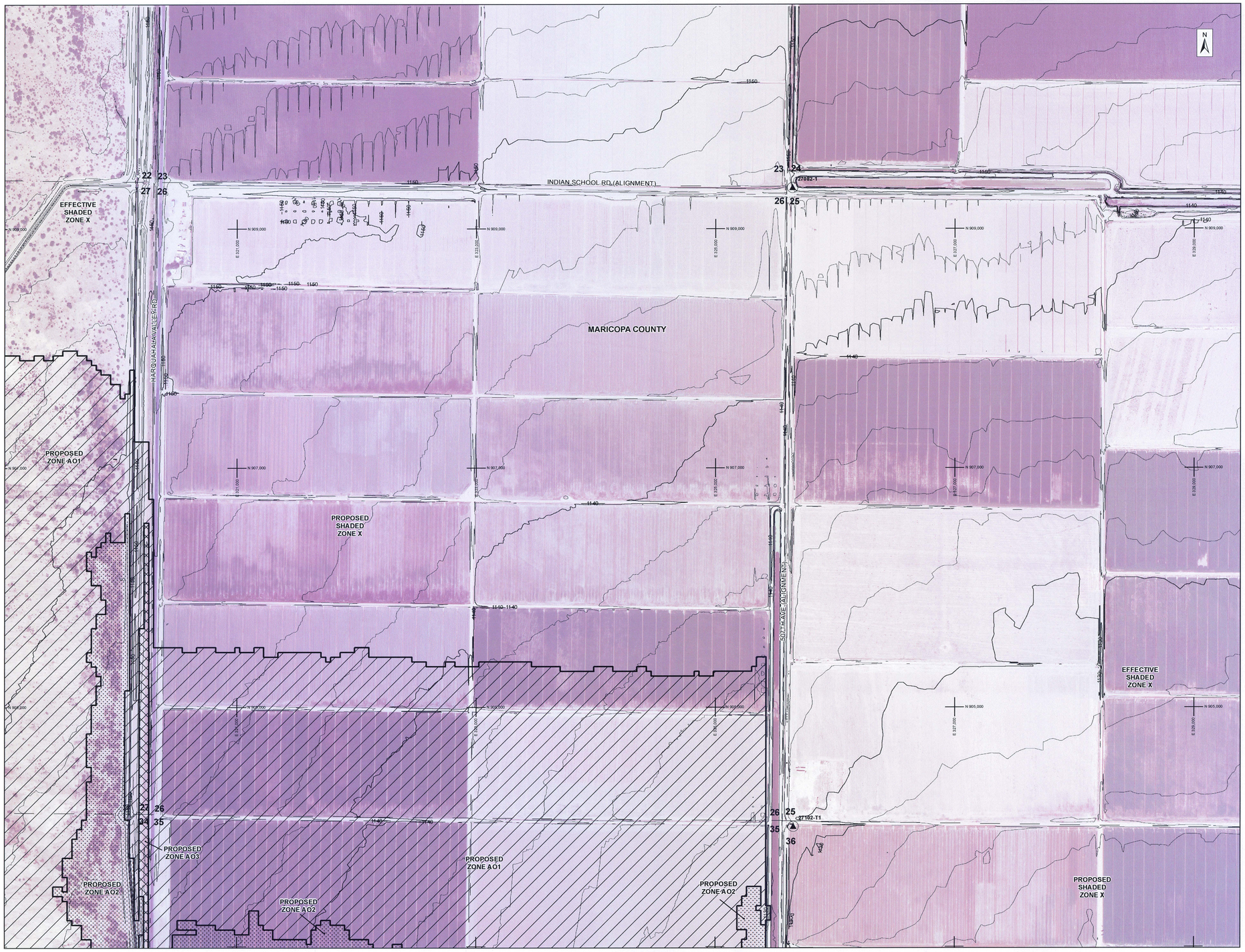
WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 10 OF 49

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

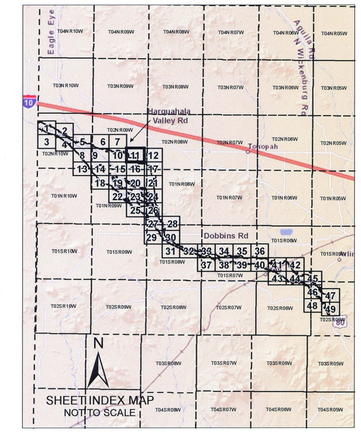
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27082-1	1148.4	FD 1/2" ROUND STEEL METAL ROD 0.45' DN W/ NO ID
MCDOT 27102-T1	1133.2	FD CHIS X ON NW CORNER CONCRETE WELL PAD

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 9W, SECTIONS 22-27 AND 34-36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Professional Engineer Certificate No. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

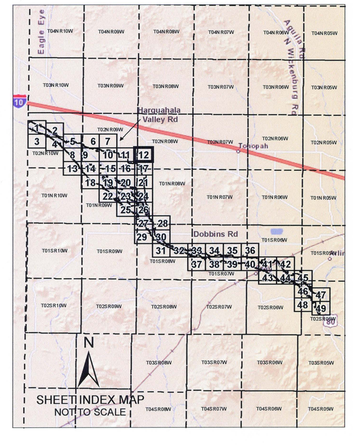
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 31882-1	1121.8	FD 3 1/2" BC FL STAMPED "T2N 25 30 R9W R8W 36 31 2001 LS 19354"
MCDOT 31900-1M	1143.7	FD 1/2" RB W/O ID 1.2' DN

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2N, RANGE 8W, SECTIONS 19-20 AND 29-32, AND RANGE 9W, SECTIONS 24-25 AND 36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Professional Engineer Certificate No. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 8

74830-1
74820-1
555TH AVE (ALIGNMENT)
CENTENNIAL RD (ALIGNMENT)
34 35
3 2
35 36
2 1
PROPOSED ZONE AE
PROPOSED SHADED ZONE X
EFFECTIVE SHADED ZONE X
PROPOSED FLOODWAY
CENTENNIAL WASH
MARICOPA COUNTY
HARQUAHALA VALLEY IRRIGATION DISTRICT WESTSIDE CANAL
33.68 FP = 1214.0 FW = 1214.6 2351?cfs
33.49 FP = 1213.6 FW = 1214.3 2351?cfs
33.45 FP = 1211.9 FW = 1212.1 2351?cfs
33.36 FP = 1210.0 FW = 1210.8 2351?cfs
33.26 FP = 1209.5 FW = 1209.1 2351?cfs
33.18 FP = 1207.2 FW = 1207.6 2351?cfs
33.12 FP = 1206.1 FW = 1206.8 2351?cfs
33.05 FP = 1205.1 FW = 1205.8 2351?cfs
32.97 FP = 1203.9 FW = 1204.6 2351?cfs
32.88 FP = 1202.7 FW = 1203.4 2351?cfs
32.82 FP = 1201.6 FW = 1202.5 2351?cfs
32.76 FP = 1200.4 FW = 1201.3 2351?cfs
32.68 FP = 1199.2 FW = 1200.0 2351?cfs
32.63 FP = 1198.3 FW = 1199.1 2351?cfs
32.57 FP = 1197.2 FW = 1198.0 2351?cfs
32.50 FP = 1196.0 FW = 1196.8 2351?cfs
32.44 FP = 1194.9 FW = 1195.6 2351?cfs
32.34 FP = 1193.6 FW = 1194.2 2351?cfs
32.27 FP = 1192.3 FW = 1193.0 2351?cfs
32.21 FP = 1191.3 FW = 1192.1 2351?cfs
32.15 FP = 1190.4 FW = 1191.4 2351?cfs
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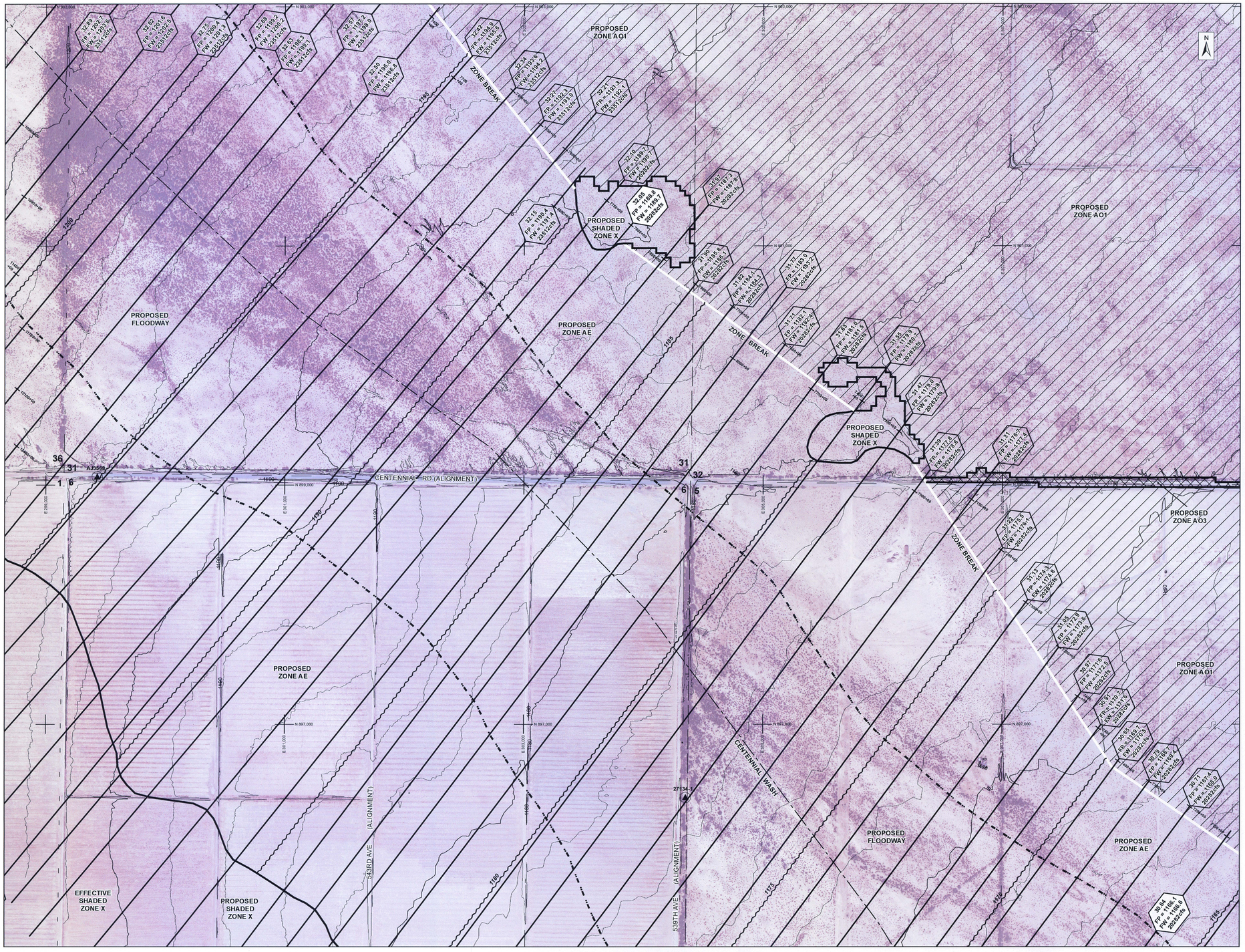
MATCH LINE SHEET 9



MATCH LINE SHEET 13

MATCH LINE SHEET 15

MATCH LINE SHEET 18

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

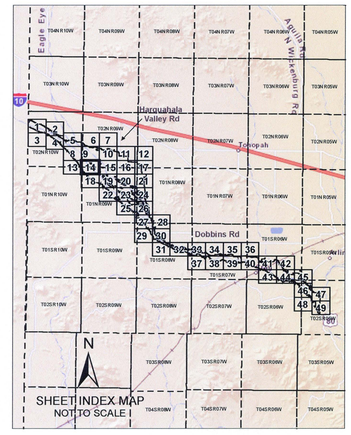
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
NGS AJ3568	1195.2	AL CAP ON 32' STAINLESS STEEL ROD, ENCASED IN 1" GREASED PVC SLEEVE ENCLOSED IN 5" PVC PIPE
MCDOT 27134-1	1176.7	FD 1/2" RB W/ 1" PLASTIC CAP FL STAMPED "DON MILLER LS #15336"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 5-6 AND RANGE 10W, SECTION 1, AND TOWNSHIP 2N, RANGE 9W, SECTIONS 31-32 AND RANGE 10W, SECTION 36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer — Certificate No. 52895 — Charles M. Davis — Date signed 10-31-2013 — Arizona, U.S.A. — Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 10

MATCH LINE SHEET 14

MATCH LINE SHEET 16

MATCH LINE SHEET 19

PROPOSED ZONE AO1
PROPOSED ZONE AO2
PROPOSED ZONE AO3
PROPOSED SHADED ZONE X
PROPOSED ZONE AE
ZONE BREAK
ENCANTO BLVD (ALIGNMENT)
CENTENNIAL RD (ALIGNMENT)
HARQUAHALA DRAINAGE CHANNEL
27116-1
27136-1
32 33
5 4
33 34
4 3

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D-D
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

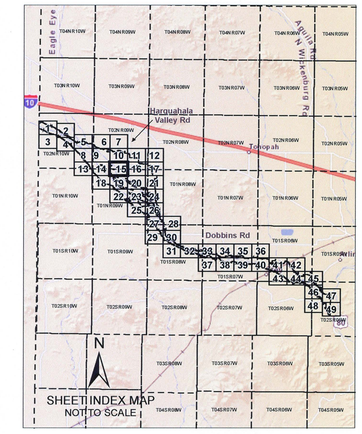
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27136-1	1150.8	FD 1/2" RB W/ 1" PLAS CAP 0.4' UP STAMPED "MILLER LS #15336"
MCDOT 27116-1	1156.3	FD 1/2" RB W/ 1" PLAS CAP FL STAMPED "RLS 26404"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 3-5 AND TOWNSHIP 2N, RANGE 9W, SECTIONS 32-34.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

52895 CHARLES M. DAVIS — Date Signed 10-31-2013 — ARIZONA, U.S.A. — Expires 12/31/2014

WEST Consultants, Inc.

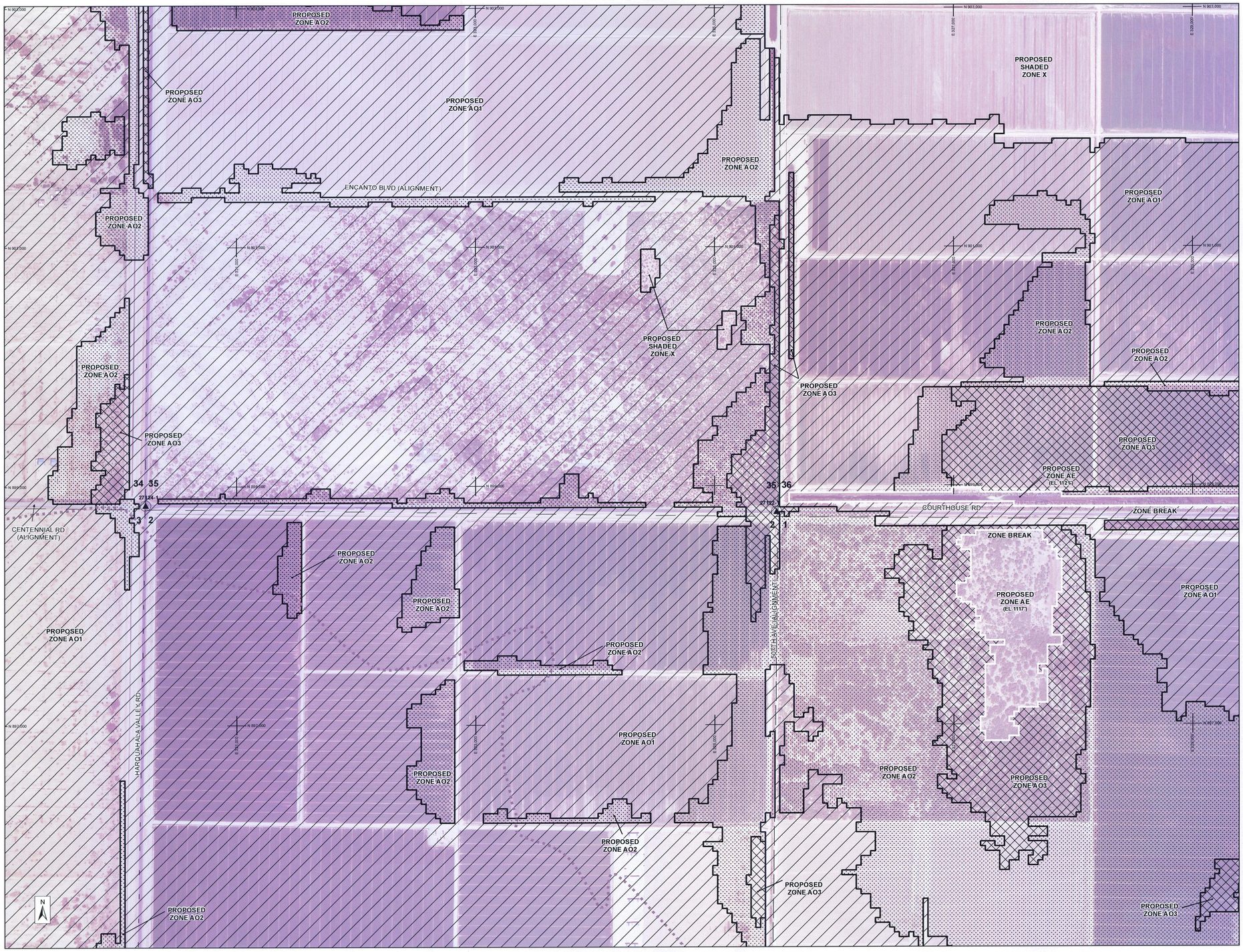
	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 11

MATCH LINE SHEET 15

MATCH LINE SHEET 17

MATCH LINE SHEET 20



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

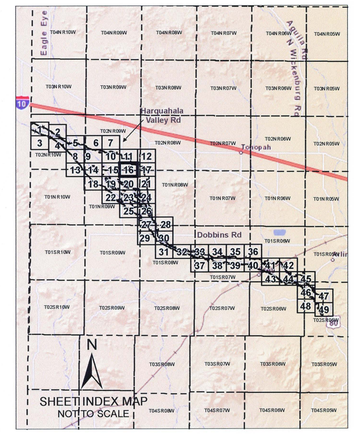
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27124-1 HH	1138.5	FD 4" MC ENG DEPT BC IN 0.75' DN NO STAMPING
MCDOT 27122-1 HH	1120.3	FD 4" DNC ENG DEPT BC IN 0.54' DN NO STAMPING

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 1-3 AND TOWNSHIP 2N, RANGE 9W, SECTIONS 34-36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Professional Engineer Certificate No. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 12

MATCH LINE SHEET 16

MATCH LINE SHEET 21

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

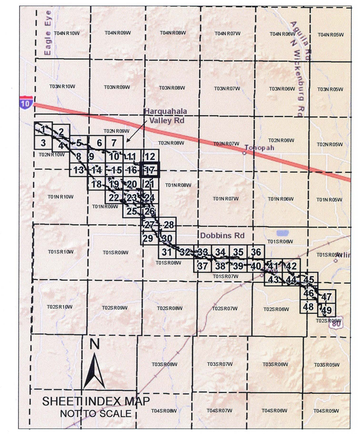
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
NGS AJ3567	1114.7	ALC AP ON 32' STAINLESS STEEL ROD, ENCASED IN 1" GREASED PVC SLEEVE ENCLOSED IN 5" PVC PIPE SET 5/8" RB W/ 2" MARICOPA COUNTY AL CAP FL STAMPED "T2N R8W 1/4 S31 S32 RLS 36563 2005"
MCDOT 31864-Z1	1124.4	

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 8W, SECTIONS 5-6 AND RANGE 9W, SECTION 1, AND TOWNSHIP 2N, RANGE 8W, SECTIONS 31-32 AND RANGE 9W, SECTION 36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

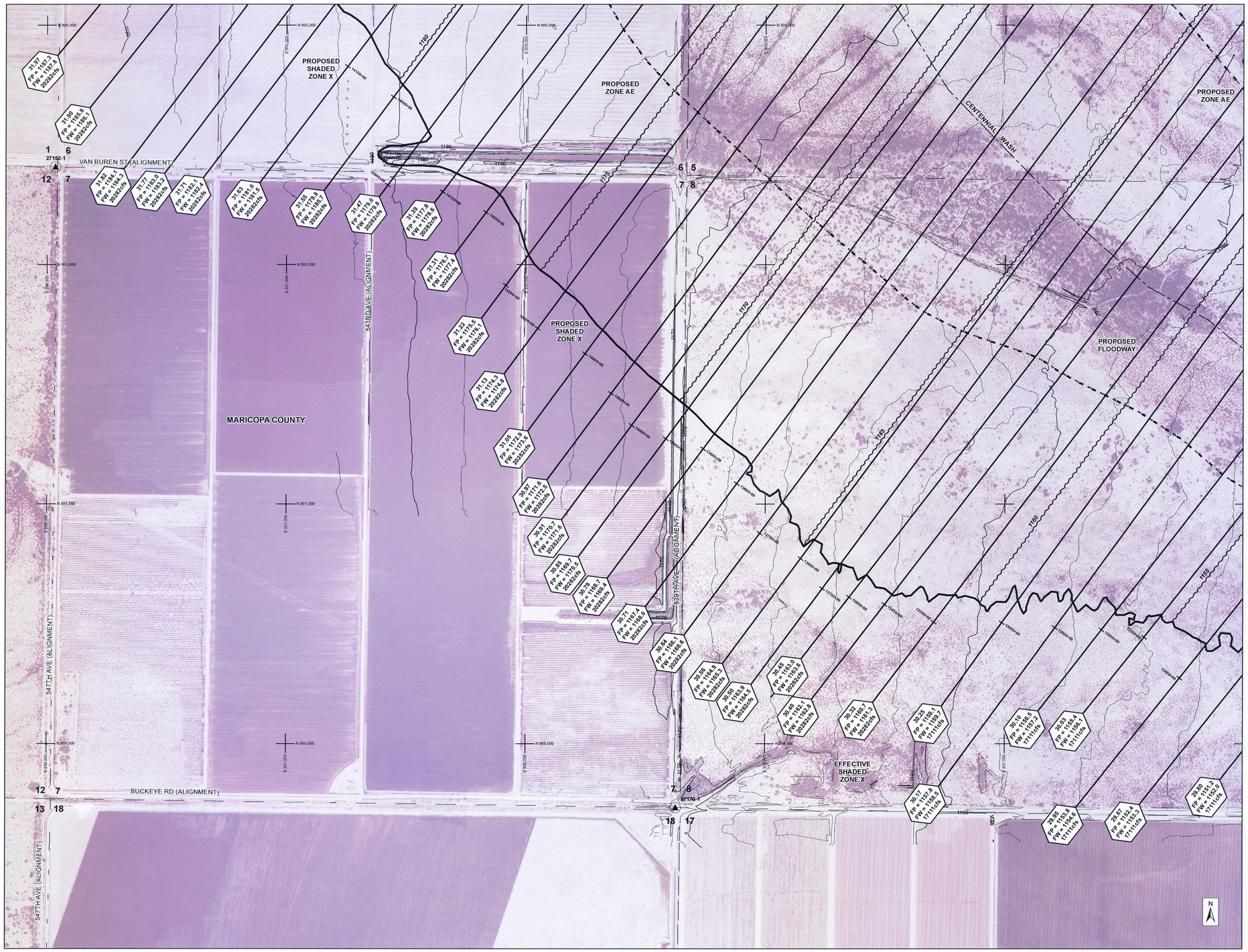
Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 14

MATCH LINE SHEET 19



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

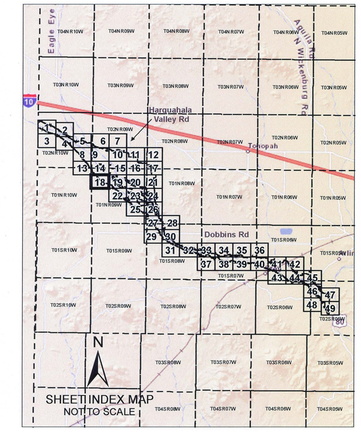
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27152-1	1196.6	FD 3" IP 0.77' UP W/ 3 1/2" GLO BC STAMPED "T1N R9W S6 S7 R10W S1 S12 1914 1988"
MCDOT 27170-1	1171.8	FD 3" MARICOPA CO DEPT OF TRANSPORTATION BC FL STAMPED "T1N R9W S7 S17 S18"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 5-8 AND 17-18 AND RANGE 10W, SECTIONS 1 AND 12-13.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

52895 CHARLES M. DAVIS — Registered Professional Engineer (Civil) — Date Signed 10/31/2014 — ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

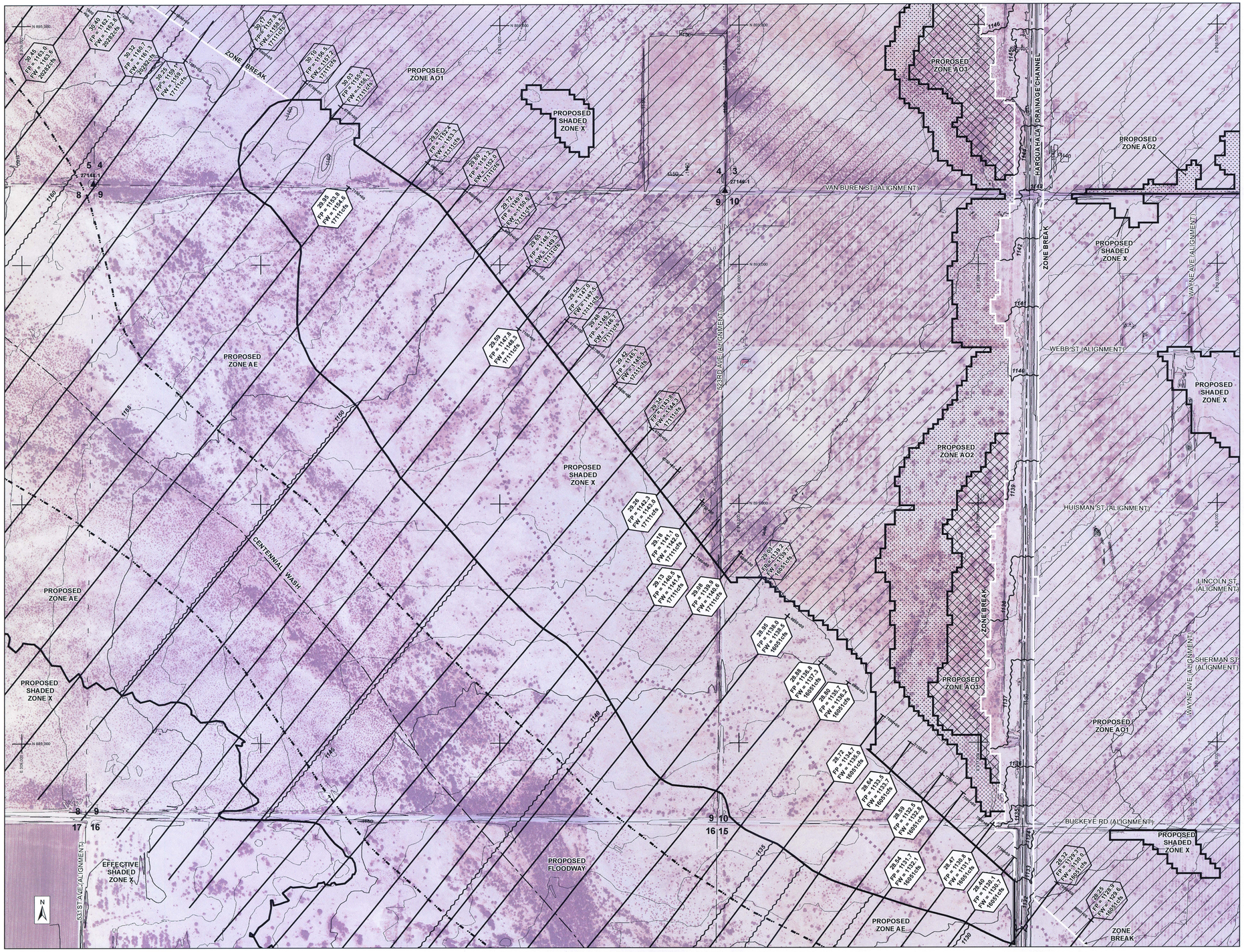
SHEET 18 OF 49

MATCH LINE SHEET 15

MATCH LINE SHEET 18

MATCH LINE SHEET 20

MATCH LINE SHEET 22



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D=00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

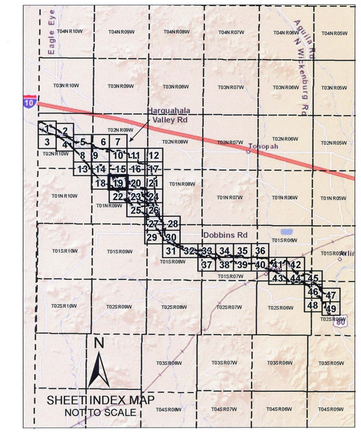
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27148-1	1158.5	FD 2" IP 0.63' UP W/ 2 1/2" GLO BC STAMPED "T1N R9W S4 S5 S8 S9 1914"
MCDOT 27146-1	1146.7	FD 3" MARICOPA COUNTY HIGHWAY DEPT BC IN HH 0.55' DN NO STAMPING

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 3-5, 8-10, AND 15-17.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

52895 CHARLES M. DAVIS — Registered Professional Engineer (Civil) — Certificate No. — Date Signed 10-31-2013 — ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 16

MATCH LINE SHEET 19

MATCH LINE SHEET 21

MATCH LINE SHEET 23

PROPOSED ZONE AO1
PROPOSED ZONE AO2
PROPOSED ZONE AO3
PROPOSED SHADED ZONE X
VAN BUREN ST (ALIGNMENT)
WEBB ST (ALIGNMENT)
HUISMAN ST (ALIGNMENT)
LINCOLN ST (ALIGNMENT)
SHERMAN ST (ALIGNMENT)
TONTO ST (ALIGNMENT)
BUCKEYE RD (ALIGNMENT)
HARQUAHALA VALLEY RD
SOUTH PEDIGO AVENUE (ALIGNMENT)
SMITHAVE (ALIGNMENT)
MARICOPA COUNTY
27164-1
27144-1

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

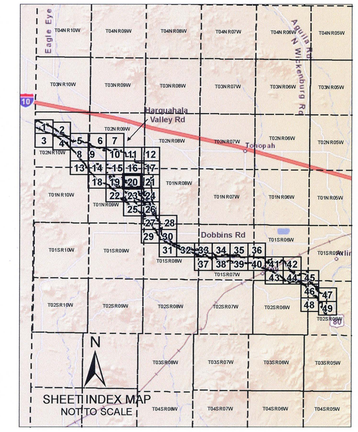
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27164-1	1123.7	FD 2 1/2" GLO BC IN HH 0.65' DN STAMPED "T1N R92 S10 S11 S14 S15"
MCDOT 27144-1	1131.3	FD 2 1/2" MARICOPA COUNTY HIGHWAY DEPT BC IN HH 1' DN NO STAMPING

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 1-3 AND 10-15.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS — Registered Professional Engineer — Date Signed 10-31-2013 — ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 17

MATCH LINE SHEET 20

MATCH LINE SHEET 24

PROPOSED ZONE AO2
PROPOSED ZONE AE (EL 1110')
PROPOSED ZONE AO3
PROPOSED ZONE AO1
PROPOSED ZONE AE (EL 1107')
PROPOSED SHADED ZONE X
EFFECTIVE SHADED ZONE X
EFFECTIVE ZONE A
ZONE BREAK
VAN BUREN ST (ALIGNMENT)
49TH AVE (ALIGNMENT)
BUCKEYE RD (ALIGNMENT)
CENTENNIAL WASH LEFT OVER BANK
MARICOPA COUNTY
T1NR8WS29-2 REACH 1
74872-1
74864-1

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 74872-1	1106.2	FD 1/2" RB W/ 2 1/2" AC IN HH 0.1' DN STAMPED "T1N R8W S6 1/4 S7 2007 RLS 33861"
MCDOT 74864-1	1102.4	FD 2" IP 0.2' DN W/ 2 1/2" GLO BC STAMPED "T1N R8W S7 S8 S18 S17 19__"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 8W, SECTIONS 5-8 AND 17-18 AND RANGE 9W, SECTIONS 1 AND 12-13.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

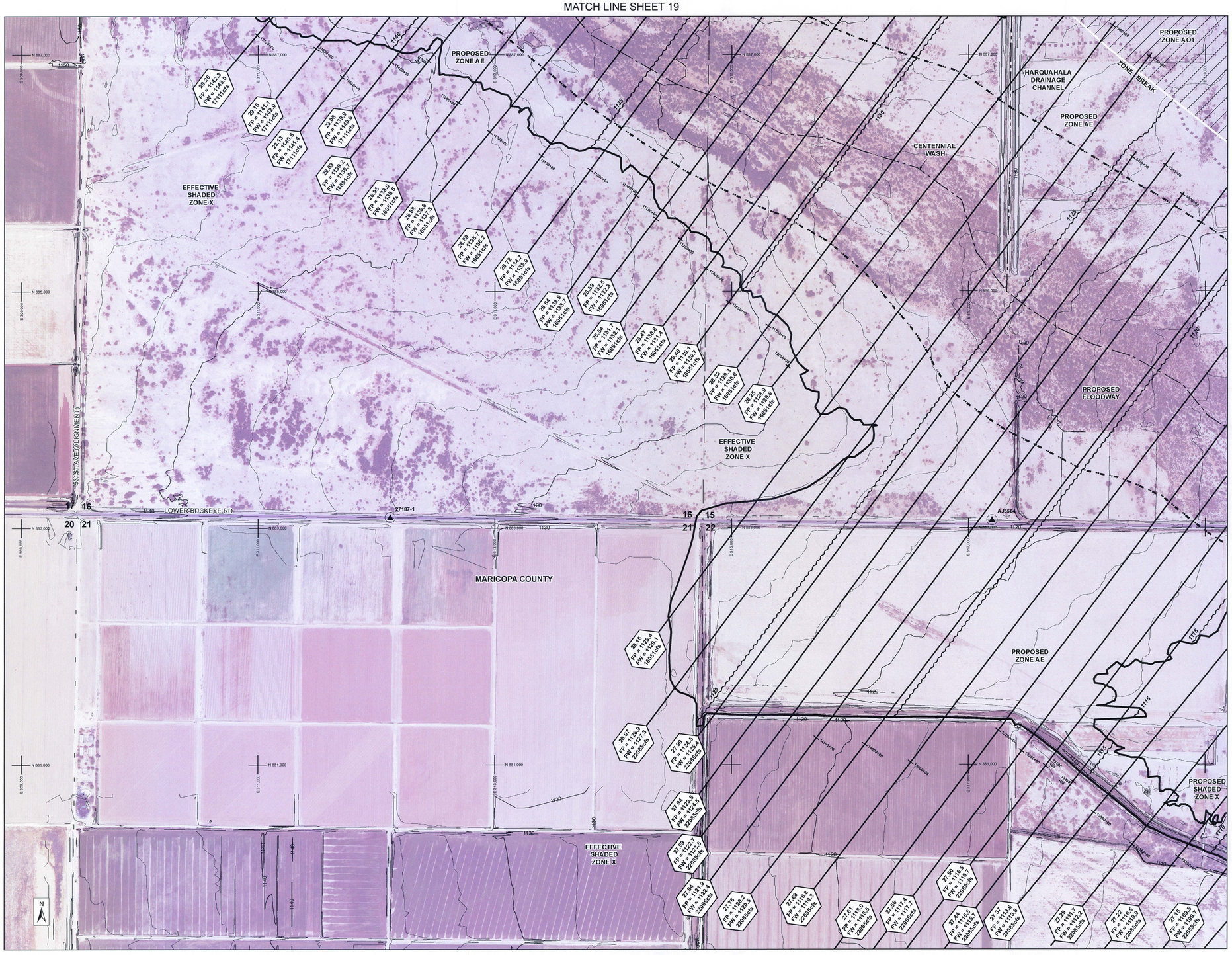
CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D=DO
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

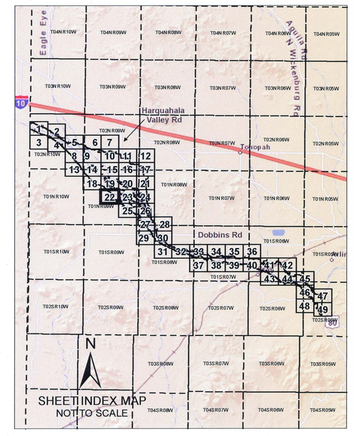
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27187-1	1133.5	FD 3" MARICOPA COUNTY DEPT OF TRANSPORTATION BC IN HH 0.5' DN STAMPED "T1N R9W 1/4 S16 S21 LS 26411"
NGS AJ3564	1122.0	AL CAP ON 28' STAINLESS STEEL ROD ENCASED IN 1" GREASED PVC SLEEVE ENCLOSED IN 5" PVC PIPE

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 15-17 AND 20-22.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10/31/2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 20

MATCH LINE SHEET 22

MATCH LINE SHEET 24

MATCH LINE SHEET 25

PROPOSED SHADED ZONE X

PROPOSED ZONE AO1

PROPOSED ZONE AO2

PROPOSED ZONE AO3

PROPOSED ZONE AE (EL 1108')

PROPOSED FLOODWAY

PROPOSED ZONE AE

EFFECTIVE SHADED ZONE X

FLOODPLAIN/ FLOODWAY BOUNDARIES COINCIDENT

ZONE BREAK

HARQUAHALA VALLEY RD

SOUTH HAVEN ALIGNMENT

LOWER BUCKEYE RD (ALIGNMENT)

CENTENNIAL WASH

27178-1

MCDOT 27184-1 1110.1

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

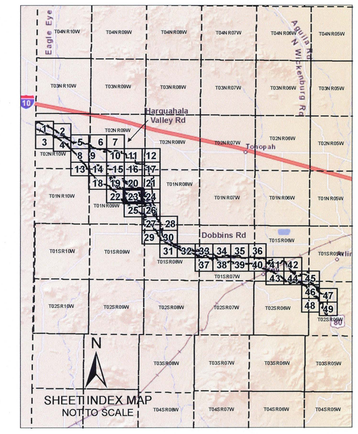
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27184-1	1109.6	FD 4" MARICOPA COUNTY ENGINEERING DEPT BC IN HH 0.34' DN NO STAMPING
MCDOT 27178-1	1101.4	FD 1/2" RB W/ 2 1/2" AL CAP 0.36' DN STAMPED "T1N R9W 1/4 COR S13 S14 RLS 23371"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 13-15 AND 22-24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 21

MATCH LINE SHEET 23

MATCH LINE SHEET 26

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE

ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D-D'
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

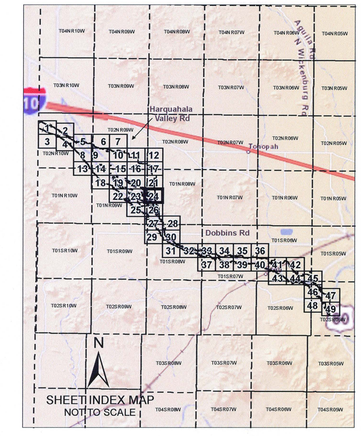
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27180-1	1095.0	FD 3" IP 0.8' DN W/ 3 1/2" GLO BC STAMPED "T1N R9W S13 S24 R8W S18 S19 1914"
MCDOT 74856-1	1089.1	FD 1" IP 0.3' UP W/ 2 1/2" GLO BC STAMPED "1/4 S19 S20 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 8W, SECTIONS 18-20 AND RANGE 9W, SECTIONS 13 AND 24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) — CERTIFICATE NO. 52895 — CHARLES M. DAVIS — Date Signed 10-31-2013 — ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 23

MATCH LINE SHEET 26

PROPOSED FLOODWAY

PROPOSED ZONE AE

PROPOSED SHADED ZONE X

EFFECTIVE SHADED ZONE X

PROPOSED SHADED ZONE X

PROPOSED ZONE AE

EFFECTIVE SHADED ZONE X

MARICOPA COUNTY

ELWOOD ST (ALIGNMENT)

50TH AVE (ALIGNMENT)

ELWOOD ST (ALIGNMENT)

SOUTHERN AVE (ALIGNMENT)

HARQUAHALA VALLEY RD

CENTENNIAL WASH

27201-1

27224-1

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0-00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

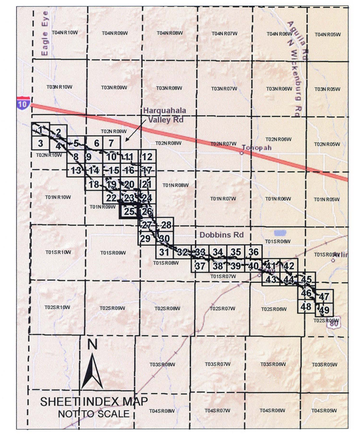
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27224-1	1115.4	FD 4" MARICOPA COUNTY ENGINEERING DEPT BC IN HH 0.6' DN NO STAMPING
MCDOT 27201-1	1092.1	FD 1/2" RB W/ 2 1/2" AL CAP 0.1' DN STAMPED "T1N R9W 1/4 COR S24 S25 RLS 23371"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 9W, SECTIONS 22-27 AND 34-36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

52895 CHARLES M. DAVIS Registered Professional Engineer (CERTIFICATE NO.) Date Signed 10-31-2013 ARIZONA, U.S.A.

Expires 12/31/2014

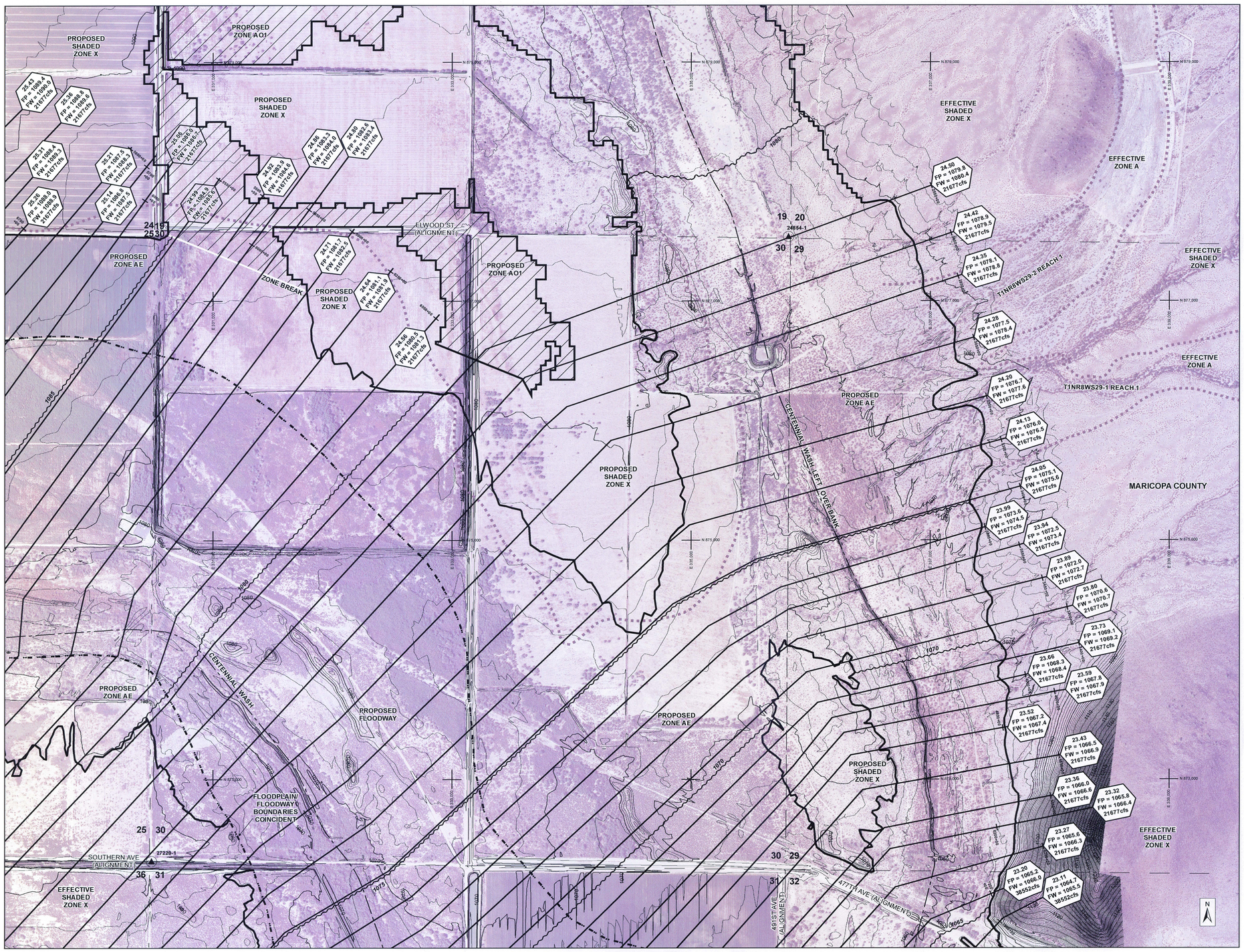
WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 25 OF 49

MATCH LINE SHEET 24

MATCH LINE SHEET 25



MATCH LINE SHEET 27

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation — 1.009
Floodplain Water Surface Elevation — FP = 2222.33
Floodway Water Surface Elevation — FW = 2222.33
100-year Discharge — 3333cfs
Cross Section Stationing Tick — O-00
ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

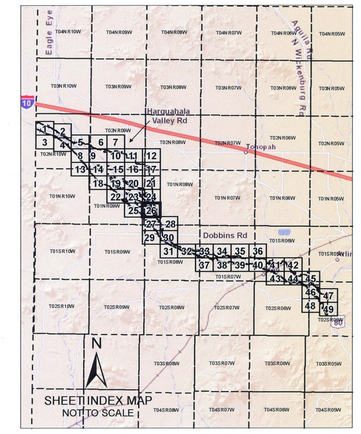
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 27220-1	1080.8	FD 2 1/2" IP 0.4' DN W/ 3" GLO BC STAMPED "T1N R8W S30 S31 R9W S25 S36 1914"
MCDOT 24854-1	1072.5	FD 2" IP 0.5' UP W/ 2 1/2" GLO BC STAMPED "T1N R8W S19 S20 S30 S29 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 8W, SECTIONS 19-20 AND 29-32 AND RANGE 9W, SECTIONS 24-25 AND 36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

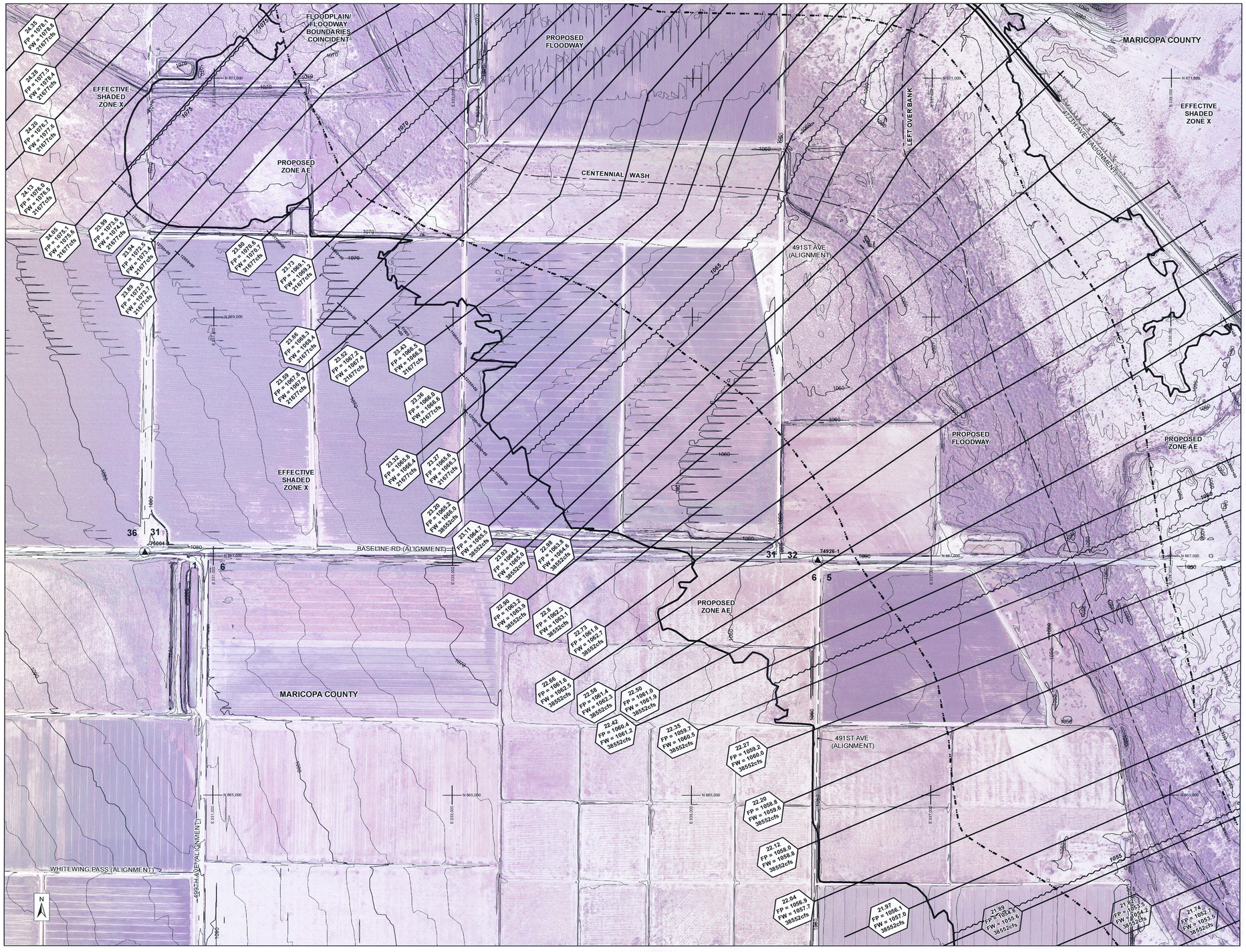
Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 26 OF 49

MATCH LINE SHEET 26



MATCH LINE SHEET 28

MATCH LINE SHEET 29

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

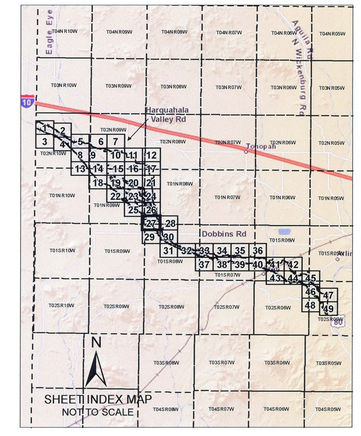
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75004-1	1081.6	FD 1/2" RB W/ 1" PLAS CAP 0.35' DN STAMPED "RLS 33861"
MCDOT 74926-1	1059.1	FD 1/2" RB W/ 1" PLAS CAP 0.65' DN STAMPED "RLS 33861"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1N, RANGE 8W, SECTIONS 31-32 AND RANGE 9W, SECTION 36; TOWNSHIP 1S, RANGE 8W, SECTIONS 5-6 AND RANGE 9W, SECTION 1.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-24-2013 ARIZONA, U.S.A. Expires 12/31/2014

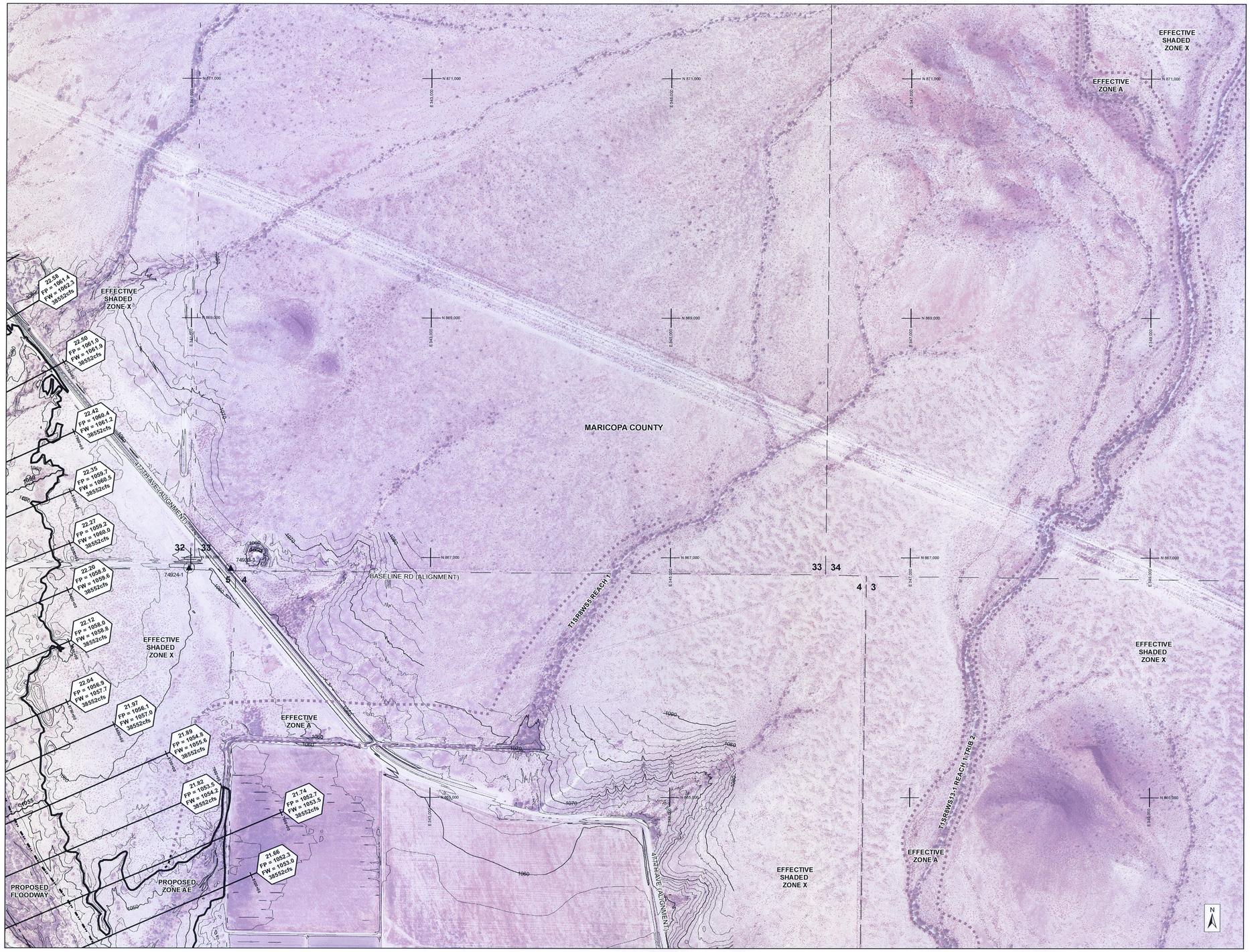
WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 27 OF 49

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

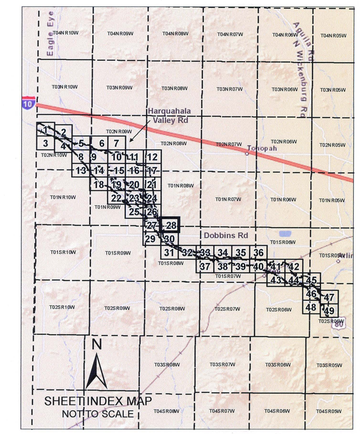
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 74924-1	1059.8	FD 3" IP 0.3' UP W/ 3 1/3" GLO BC STAMPED "S C T1N R8W S32 S33 1914"
MCDOT 74923-1	1062.2	FD 2" IP 1.2' UP W/ 2 1/2" GLO BC STAMPED "T1N R8W S32 S33 C C S5 S4 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 8W, SECTIONS 3-5 AND TOWNSHIP 1N RANGE 8W, SECTIONS 32-34.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

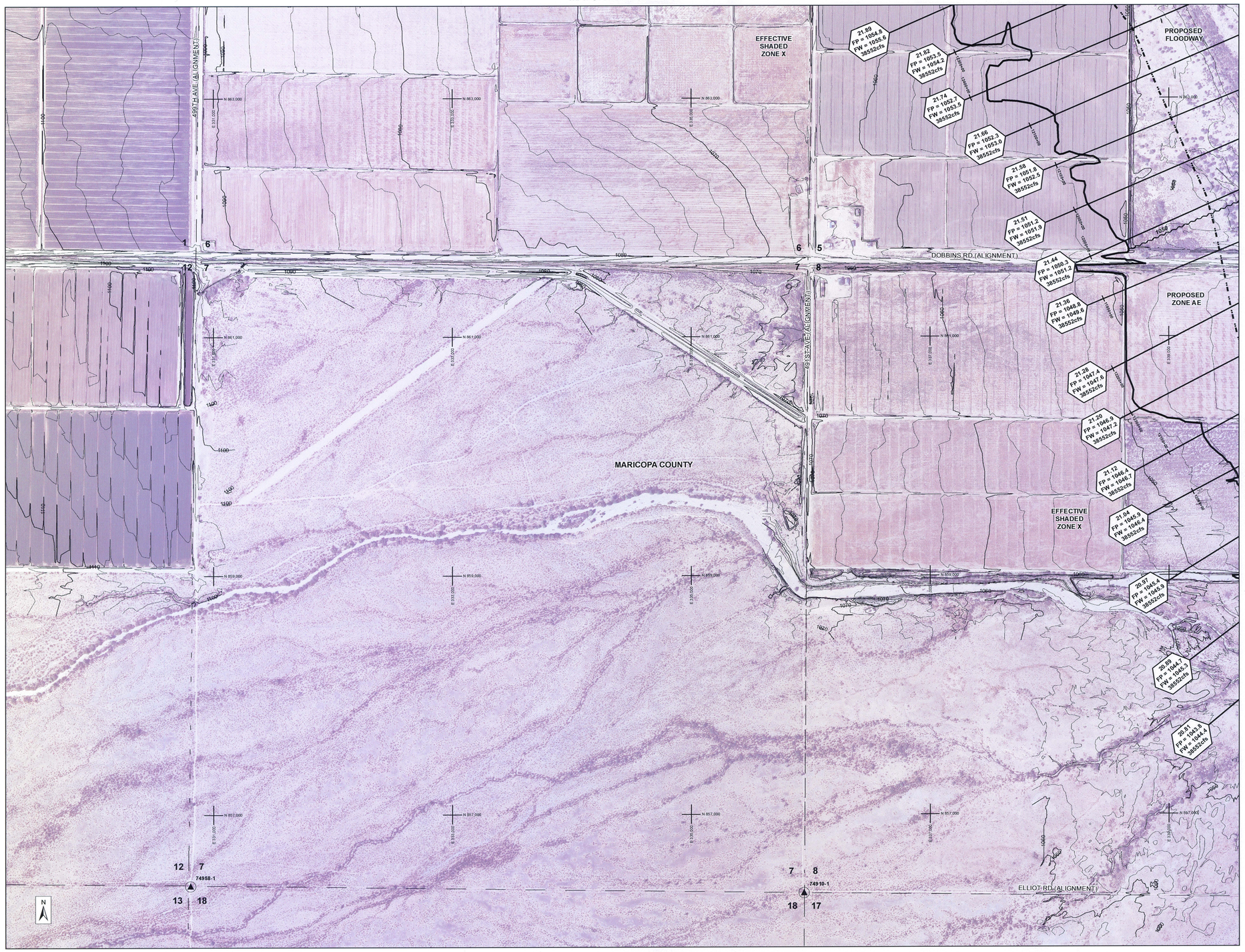
F.C.D. CONTRACT NUMBER 2012C004

52895 CHARLES M. DAVIS — REGISTERED PROFESSIONAL ENGINEER (CIVIL) — CERTIFICATE NO. — ARIZONA, U.S.A. — Date Signed 10-31-2013
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 27



MATCH LINE SHEET 30

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

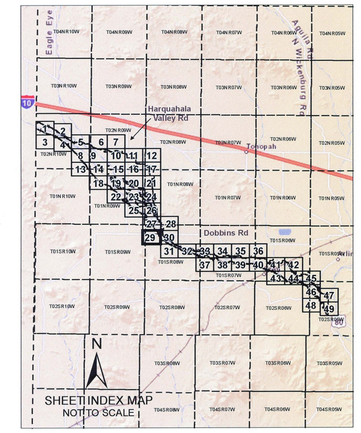
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 74958-1	1113.7	FD 2" IP 0.7' UP W/ 2 1/2" GLO BC STAMPED "T1S R9W S18 S17 S19 S20 1914"
MCDOT 74910-1	1075.3	FD 2" IP 1.6' UP W/ 2 1/2" GLO BC STAMPED "T1S R8W S7 S8 S18 S17 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 8W, SECTIONS 6-8 AND 17-18 AND RANGE 9W, SECTIONS 1 AND 12-13.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-13 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 29 OF 49

MATCH LINE SHEET 28

MATCH LINE SHEET 29

MATCH LINE SHEET 31

PROPOSED FLOODWAY

EFFECTIVE SHADED ZONE X

MARICOPA COUNTY

EFFECTIVE ZONE A

47TH AVE (ALIGNMENT)

DOBBINS RD (ALIGNMENT)

ELLIOT RD (ALIGNMENT)

CENTENNIAL WASH

PROPOSED ZONE AE

PROPOSED FLOODWAY

T1S R8W S13-1 REACH 1 TRIB 3

T1S R8W S13-1 REACH 1 TRIB 2

T1S R8W S9 REACH 1

T1S R8W S13-1 REACH 3

21.59 FP = 1051.8 FW = 1052.5 38552cfs

21.51 FP = 1051.2 FW = 1051.9 38552cfs

21.44 FP = 1050.3 FW = 1051.2 38552cfs

21.36 FP = 1048.8 FW = 1049.6 38552cfs

21.28 FP = 1047.4 FW = 1047.6 38552cfs

21.20 FP = 1046.9 FW = 1047.2 38552cfs

21.12 FP = 1046.4 FW = 1046.7 38552cfs

21.04 FP = 1046.9 FW = 1046.4 38552cfs

20.97 FP = 1045.4 FW = 1045.9 38552cfs

20.89 FP = 1044.7 FW = 1045.3 38552cfs

20.81 FP = 1045.9 FW = 1044.4 38552cfs

20.74 FP = 1042.6 FW = 1043.9 38552cfs

20.66 FP = 1040.6 FW = 1041.1 38552cfs

20.58 FP = 1038.9 FW = 1039.5 38552cfs

20.51 FP = 1037.6 FW = 1038.1 38552cfs

20.49 FP = 1037.2 FW = 1037.7 38552cfs

20.43 FP = 1036.3 FW = 1036.9 38552cfs

20.36 FP = 1034.9 FW = 1035.6 38552cfs

20.29 FP = 1033.6 FW = 1034.5 38552cfs

20.22 FP = 1032.4 FW = 1033.4 38552cfs

20.16 FP = 1030.8 FW = 1031.6 38552cfs

20.07 FP = 1029.4 FW = 1030.2 38552cfs

20.01 FP = 1028.5 FW = 1029.4 38552cfs

19.93 FP = 1027.6 FW = 1028.6 38552cfs

19.86 FP = 1027.6 FW = 1028.6 38552cfs

19.92 FP = 1028.8 FW = 1029.5 38552cfs

19.84 FP = 1026.6 FW = 1026.3 38552cfs

19.75 FP = 1024.1 FW = 1024.6 38552cfs

19.62 FP = 1022.7 FW = 1023.0 38552cfs

19.60 FP = 1021.7 FW = 1022.1 38552cfs

19.53 FP = 1020.2 FW = 1020.9 38552cfs

19.45 FP = 1019.6 FW = 1020.3 38552cfs

74917-1

74908-W1

LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

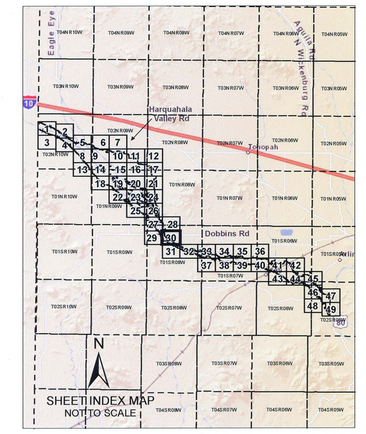
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 74908-W1	1044.4	FD 2" IP FL W/ 2 1/2" GLO BC STAMPED "WC T1S R8W S8 S9 S17 S16 1914"
MCDOT 74917-1	1056.6	FD 2" IP 1.1' UP W/ 2 1/2" GLO BC STAMPED "T1S R8W S5 S4 S8 S9 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 8W, SECTIONS 3-5, 8-10, AND 15-17.



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 30

MATCH LINE SHEET 32

EFFECTIVE ZONE A

EFFECTIVE SHADED ZONE X

PROPOSED ZONE AE

EFFECTIVE SHADED ZONE X

CENTENNIAL WASH

PROPOSED FLOODWAY

EFFECTIVE SHADED ZONE X

EFFECTIVE ZONE A

MARICOPA COUNTY

T1SR8WS24

ARLINGTON-CLANTON-WELL RD (ALIGNMENT)

NARRAMORE RD (ALIGNMENT)

477TH AVE (ALIGNMENT)

74902-1

AJ3956

EFFECTIVE SHADED ZONE X

EFFECTIVE ZONE A

EFFECTIVE ZONE A

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

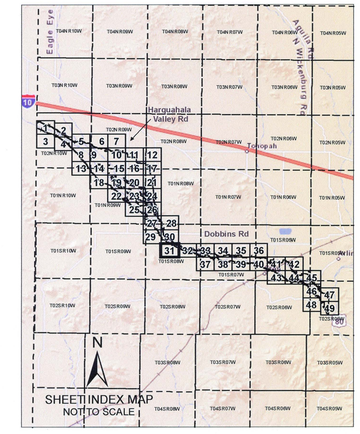
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 74902-1	1023.4	FD 1/2" RB W/ 1" PLAS CAP 0.1' DN STAMPED "SPRINGER RLS 34399"
NGS AJ3956	1013.3	AL CAP ON 30 FT STAINLESS STEEL ROD, ENCASED IN 1" GREASED PVC SLEEVE ENCLOSED IN A 5" PVC PIPE

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 8W, SECTIONS 15-17 AND 20-22.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 31

MATCH LINE SHEET 33

EFFECTIVE ZONE A

EFFECTIVE SHADED ZONE X

PROPOSED ZONE AE

PROPOSED FLOODWAY

T1SR8WS13-1 REACH 3

T1SR8WS13-1 REACH 2

T1SR8WS13-1 REACH 1

T1SR8WS13-1 TRIB 2 REACH 1

T1SR8WS13-1 TRIB 1 REACH 1

T1SR8WS13-2 REACH 2

T1SR8WS13-2 TRIB 1 REACH 1

T1SR8WS13-2 REACH 1

T1SR8WS24 TRIB 2 REACH 1

T1SR8WS24 TRIB 3

T1SR8WS24 REACH 1

CARVER RD (ALIGNMENT)

467TH AVE (ALIGNMENT)

NARRAMORE RD (ALIGNMENT)

MARICOPA COUNTY

FLOODPLAIN/ FLOODWAY BOUNDARIES COINCIDENT

15 14 74903-1 22 23

14 13 74904-1 23 24

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

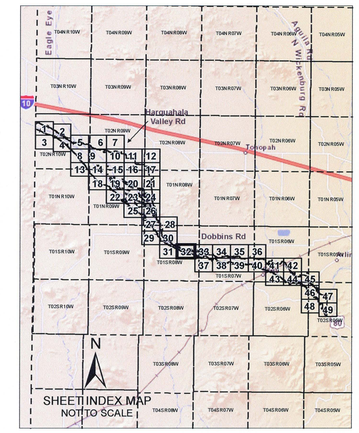
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 74903-1	1002.0	FD 1" IP 0.1' UP W/ 1" PLAS CAP STAMPED "LOFTIS 26404"
MCDOT 74904-1	986.1	FD 5/8" RB W/ NO ID 0.35' UP

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 8W, SECTIONS 13-15 AND 22-24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 32 OF 49

MATCH LINE SHEET 32

MATCH LINE SHEET 34

EFFECTIVE ZONE A

T1SR8WS13-2 TRIB 1 REACH 1

45TH AVE (ALIGNMENT)

T1SR7WS21 TRIB 1 REACH 1

EFFECTIVE ZONE A

EFFECTIVE SHADED ZONE X

T1SR8WS13-2 REACH 1

CARVER RD (ALIGNMENT)

T1SR7WS18 REACH 1

ELLIOT RD (ALIGNMENT)

MARICOPA COUNTY

EFFECTIVE ZONE A

EFFECTIVE ZONE A

EFFECTIVE ZONE A PROPOSED ZONE AE

PROPOSED SHADED ZONE X

PROPOSED ZONE AE

EFFECTIVE SHADED ZONE X

PROPOSED ZONE AE

EFFECTIVE SHADED ZONE X

PROPOSED FLOODWAY

EFFECTIVE SHADED ZONE X

FLOODPLAIN/ FLOODWAY BOUNDARIES COINCIDENT

PROPOSED ZONE AE

T1SR8WS24 REACH 1

EFFECTIVE ZONE A

T1SR7WS19-2 REACH 1

T1SR7WS19-1 REACH 1

CENTENNIAL WASH

EFFECTIVE SHADED ZONE X

MATCH LINE SHEET 37

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

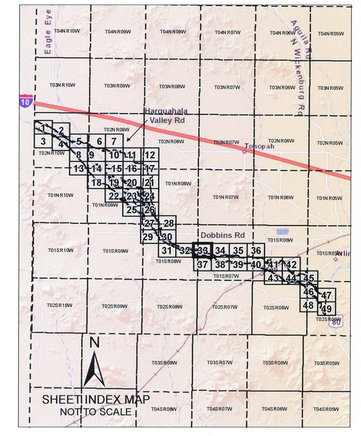
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75720-1	958.6	FD 3" IP W/ NO ID 1.4' DN
MCDOT 75719-1	980.8	FD 2" IP 0.6' UP W/ 2 1/2" GLO BC STAMPED "T1S R7W S18 S17 S19 S20 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 7W, SECTIONS 18-20 AND RANGE 8W, SECTIONS 13 AND 24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.

Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 33

MATCH LINE SHEET 35

MATCH LINE SHEET 38

EFFECTIVE ZONE A

EFFECTIVE SHADED ZONE X

EFFECTIVE ZONE A

EFFECTIVE SHADED ZONE X

EFFECTIVE ZONE A

EFFECTIVE SHADED ZONE X

EFFECTIVE ZONE A

EFFECTIVE ZONE A PROPOSED ZONE A

EFFECTIVE SHADED ZONE X

PROPOSED ZONE AE

PROPOSED FLOODWAY

PROPOSED ZONE AE

PROPOSED FLOODWAY

FLOODPLAIN/ FLOODWAY BOUNDARIES COINCIDENT

MARICOPA COUNTY

T1S R7W S21 REACH 1

T1S R7W S22-1 REACH 1

T1S R7W S22-2 REACH 1

75734-1

NARRAMORE RD (ALIGNMENT)

CENTENNIAL WASH

17 16 20 21

16 15 21 22

N 851,000

N 853,000

N 855,000

E 371,000

E 373,000

E 375,000

E 377,000

E 379,000

14.62 FP = 942.5 FW = 943.3 38552cfs

14.55 FP = 940.9 FW = 941.7 38552cfs

14.49 FP = 940.4 FW = 941.1 38552cfs

14.44 FP = 939.7 FW = 940.3 38552cfs

14.39 FP = 938.7 FW = 939.3 38552cfs

14.32 FP = 937.1 FW = 937.6 38552cfs

14.24 FP = 935.3 FW = 935.8 38552cfs

14.17 FP = 933.8 FW = 934.2 38552cfs

14.09 FP = 932.7 FW = 933.0 38552cfs

14.01 FP = 931.3 FW = 931.7 38552cfs

13.93 FP = 930.0 FW = 930.3 38552cfs

13.93 FP = 930.0 FW = 930.3 38552cfs

13.27 FP = 927.6 FW = 928.2 38552cfs

13.61 FP = 927.1 FW = 927.6 38552cfs

13.60 FP = 927.0 FW = 927.5 38552cfs

13.53 FP = 925.7 FW = 926.4 38552cfs

13.49 FP = 925.0 FW = 925.8 38552cfs

13.38 FP = 924.1 FW = 924.8 38552cfs

13.30 FP = 923.4 FW = 924.2 38552cfs

13.25 FP = 922.9 FW = 923.7 38552cfs

13.21 FP = 922.5 FW = 923.4 38552cfs

13.15 FP = 922.0 FW = 922.7 38552cfs

13.10 FP = 921.6 FW = 922.3 38552cfs

13.08 FP = 921.4 FW = 922.1 38552cfs

12.77 FP = 917.8 FW = 918.3 38552cfs

12.71 FP = 916.9 FW = 917.4 38552cfs

12.63 FP = 915.8 FW = 916.3 38552cfs

12.69 FP = 916.5 FW = 916.1 38552cfs

12.60 FP = 914.5 FW = 915.2 38552cfs

12.52 FP = 913.7 FW = 914.4 38552cfs

12.46 FP = 913.2 FW = 913.8 38552cfs

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D-D
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

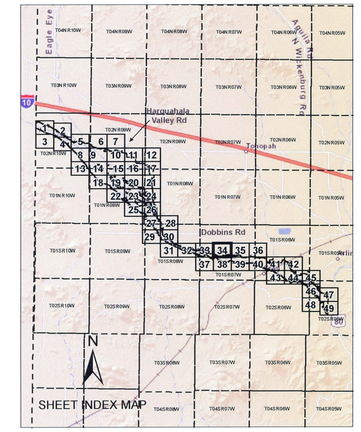
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75734-1	1166.1	FD 1" IP I' UP W/ 2 1/2" GLO BC STAMPED "1/4 S17 S18 1914"
NGS AJ3954	926.2	AL CAP ON 24' STAINLESS STEEL ROD, ENCASED IN A 1" GREASED PVC SLEEVE ENCLOSED IN A 5" PVC PIPE

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 7W, SECTIONS 8-10, 15-17, AND 20-22.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

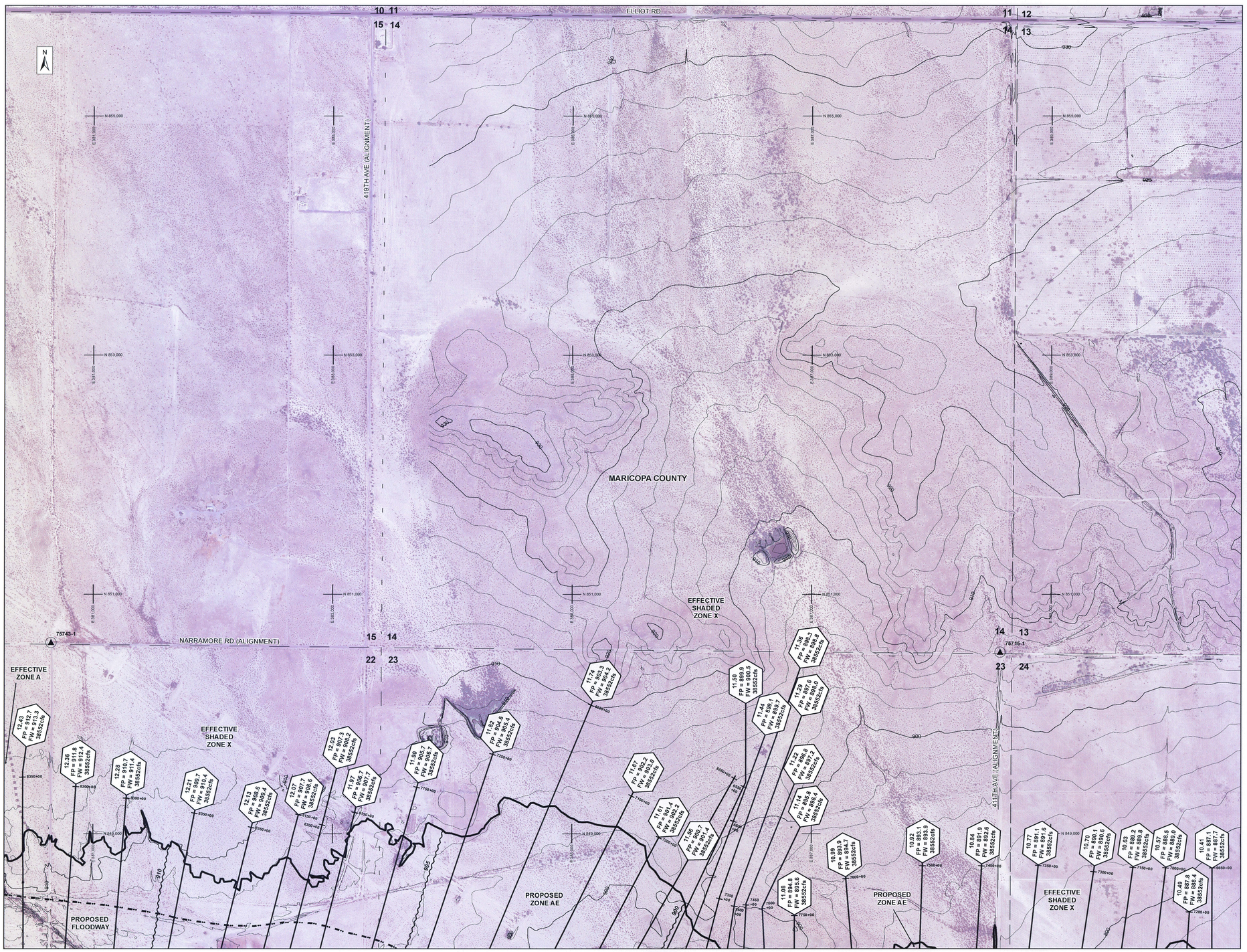
F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS — Registered Professional Engineer (Civil) — State of ARIZONA, U.S.A. — Date Signed 10-31-2013 — Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 34 OF 49



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

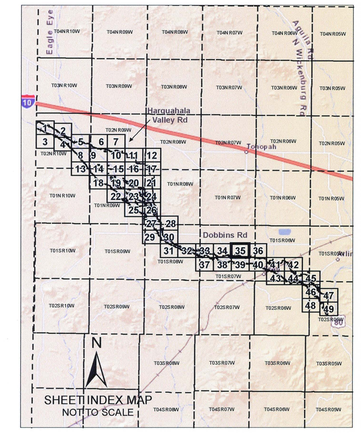
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75743-1	920.6	FD 1" IP 1.2' UP W/ 2 1/2" GLO BC STAMPED "1/4 S17 S16 1914"
MCDOT 75715-1	906.6	FD 2" IP 0.8' UP W/ 2 1/2" GLO BC STAMPED "T1S R7W S14 S13 S23 S24 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 7W, SECTIONS 10-15.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 35

MATCH LINE SHEET 40

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

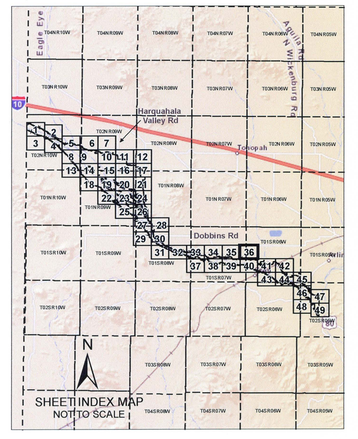
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 31363-1M	911.2	FD 1/2" RB W/ 2" MC AL CAP STAMPED "T1S R7W R6W 1/4 S13 S18 RLS 36563 2004"
MCDOT 31360-1M	885.3	FD 1/2" RB W/ 3" MC BC STAMPED "T1S R6W S18 S17 S19 S20 RLS 36563 2004"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 6W, SECTIONS 7-8 AND 17-20 AND RANGE 7W, SECTIONS 12-13 AND 24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

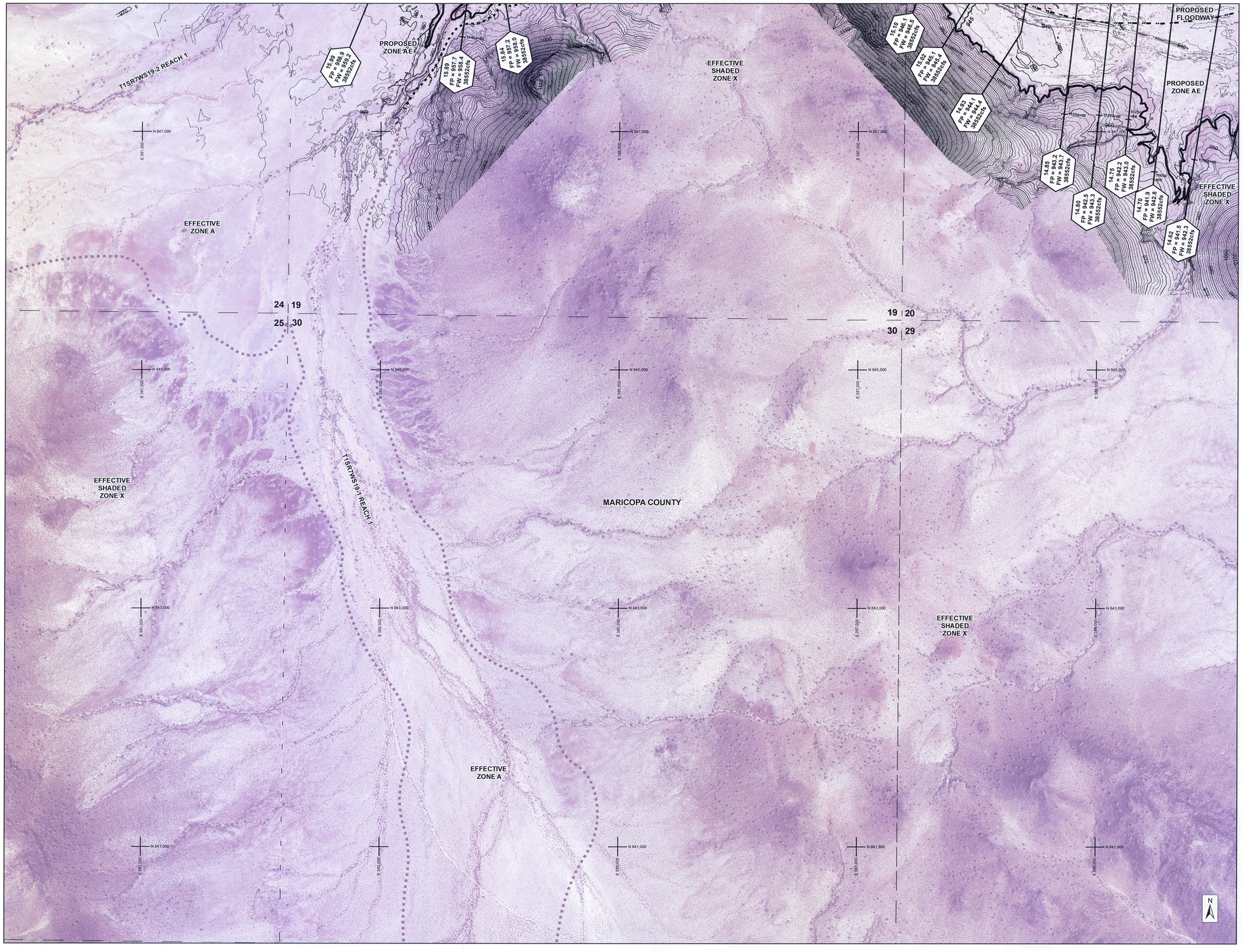
F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 33



MATCH LINE SHEET 38

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

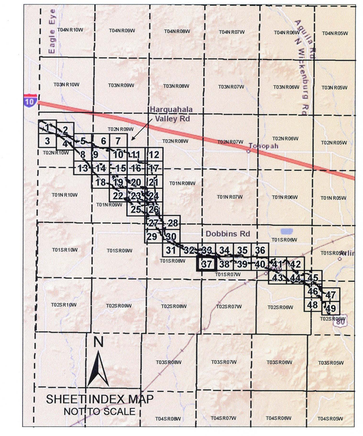
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 7W, SECTIONS 19-20 AND 29-30 AND RANGE 8W, SECTIONS 24-25 AND 36.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10/31/2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

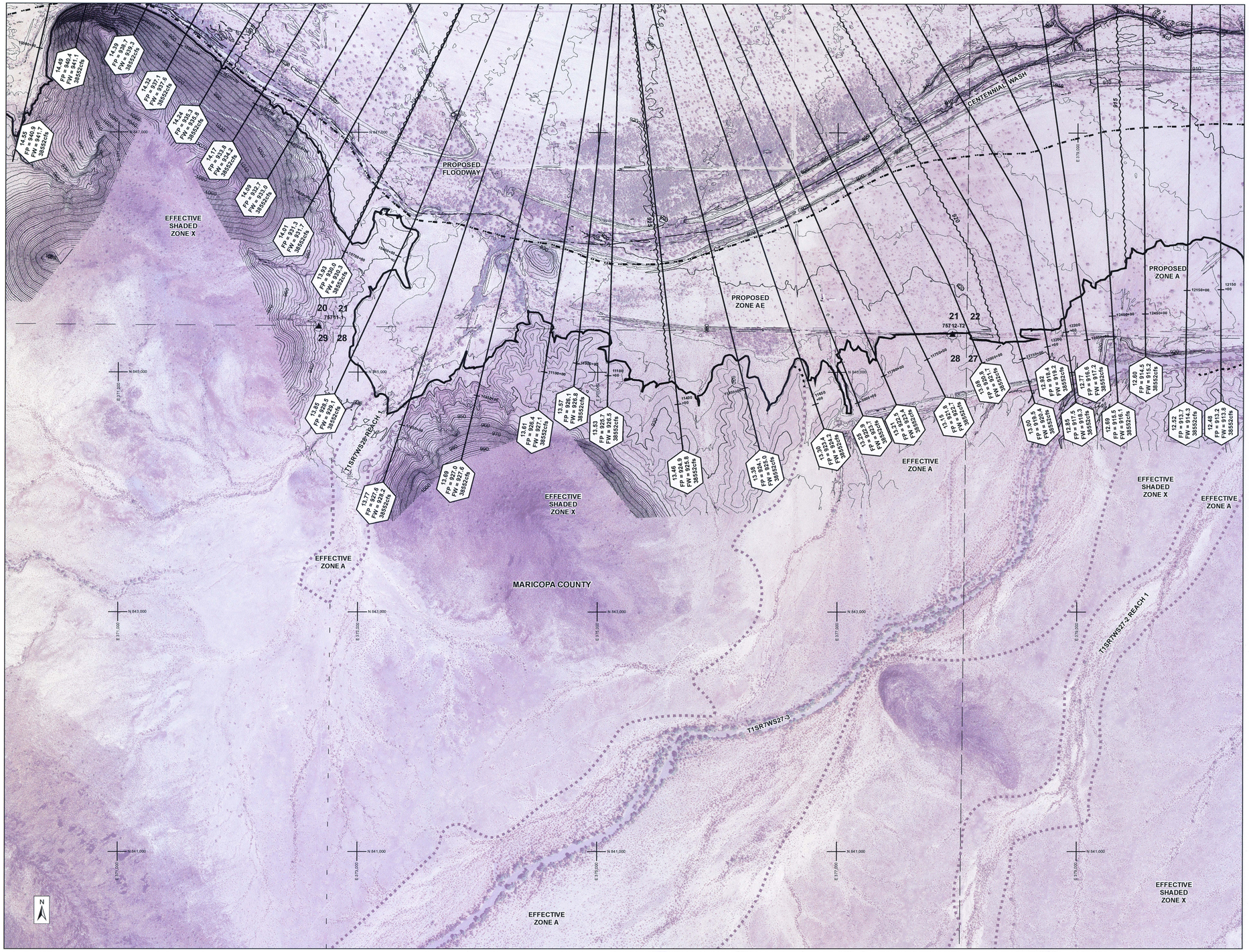
	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 37 OF 49

MATCH LINE SHEET 34

MATCH LINE SHEET 37

MATCH LINE SHEET 39



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

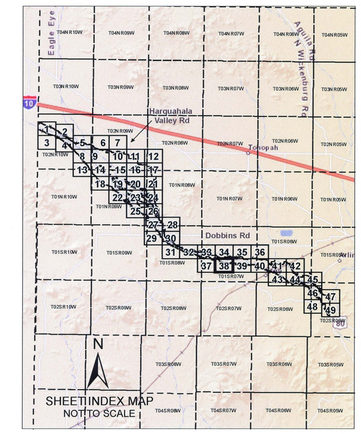
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75711-1	939.3	FD 2" IP 0.9' UP W/ 2 1/2" GLO BC STAMPED "T1S R7W S20 S21 S29 S28 1914"
MCDOT 75712-T2	922.2	FD 1/2" RB W/ 1 1/2" A.C. FL NO STAMPING

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 7W, SECTIONS 20-22 AND 27-29.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 35

MATCH LINE SHEET 38

MATCH LINE SHEET 40

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
0+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

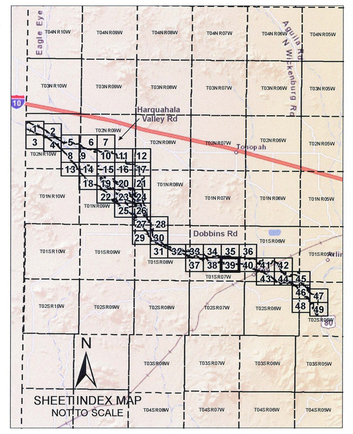
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75713-1	902.1	FD 2" IP 1' DN W/ 2 1/2" GLO BC STAMPED "T1S R7W S22 S23 S27 S26 1914"
MCDOT 75714-1	887.6	FD 2: IP FLW/ 2 1/2" GLO BC STAMPED "T1S R7W S23 S24 S26 S25 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 7W, SECTIONS 22-27



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-13 ARIZONA, U.S.A. Expires 12/31/2014

WEST Consultants, Inc.

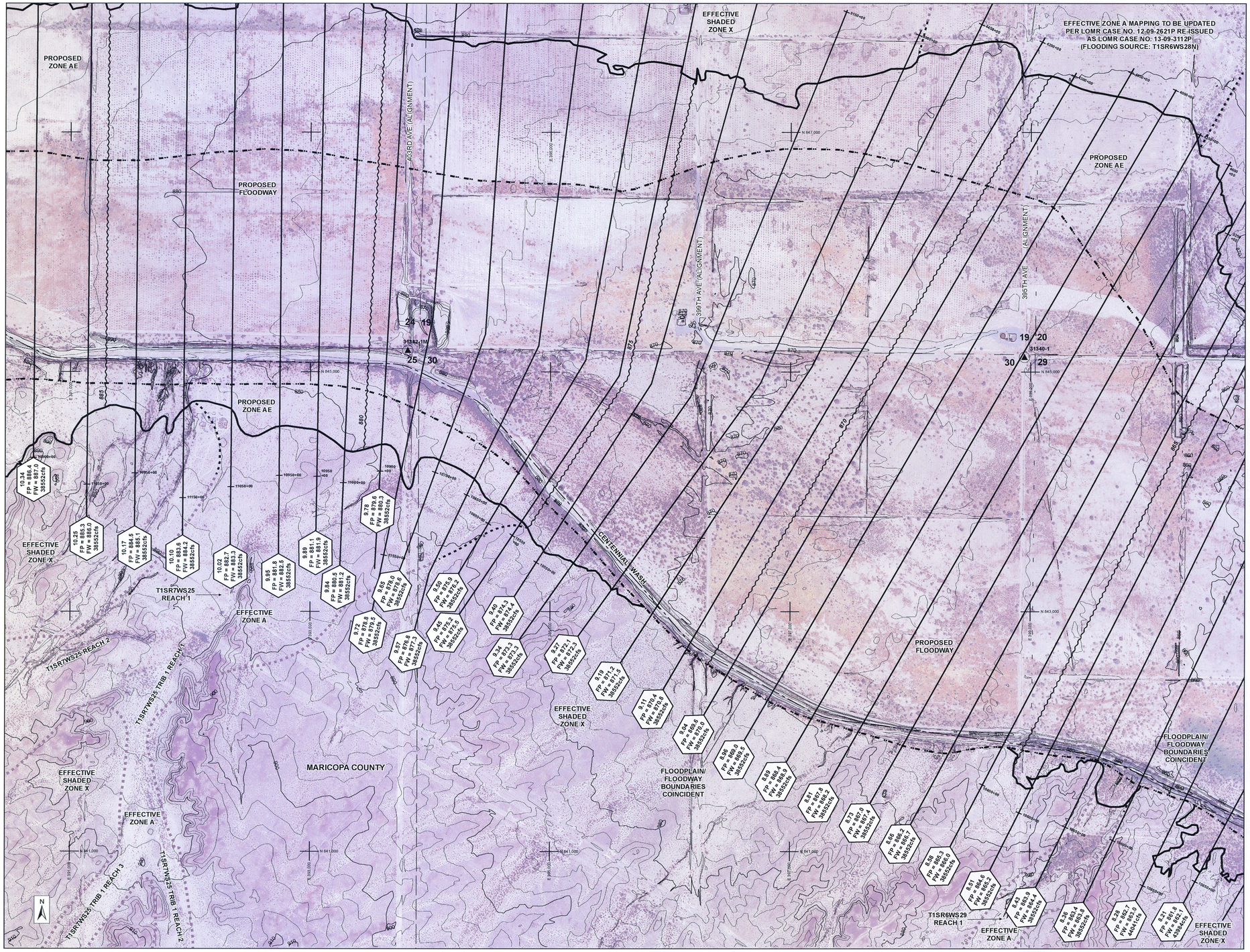
	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 39 OF 49

MATCH LINE SHEET 36

MATCH LINE SHEET 39

MATCH LINE SHEET 41



400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

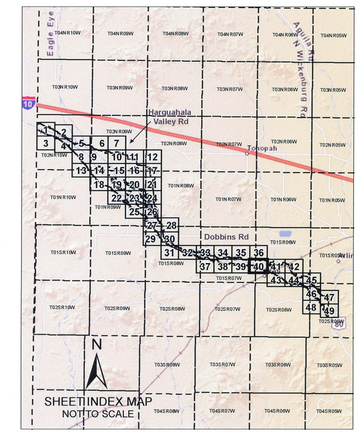
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 31342-1M	875.3	SET 9/16" SSTL ROD W/ 3" MC BC STAMPED "T1S R7W R6W S24 S19 S25 S30 RLS 36563 2004"
MCDOT 31340-1	864.5	FD 2" IP 0.2' DN W/ 2 1/2" GLO BC STAMPED "T1S R6W S19 S20 S30 S29 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 6W, SECTIONS 19-20 AND 29-30 AND RANGE 7W, SECTIONS 24-25.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

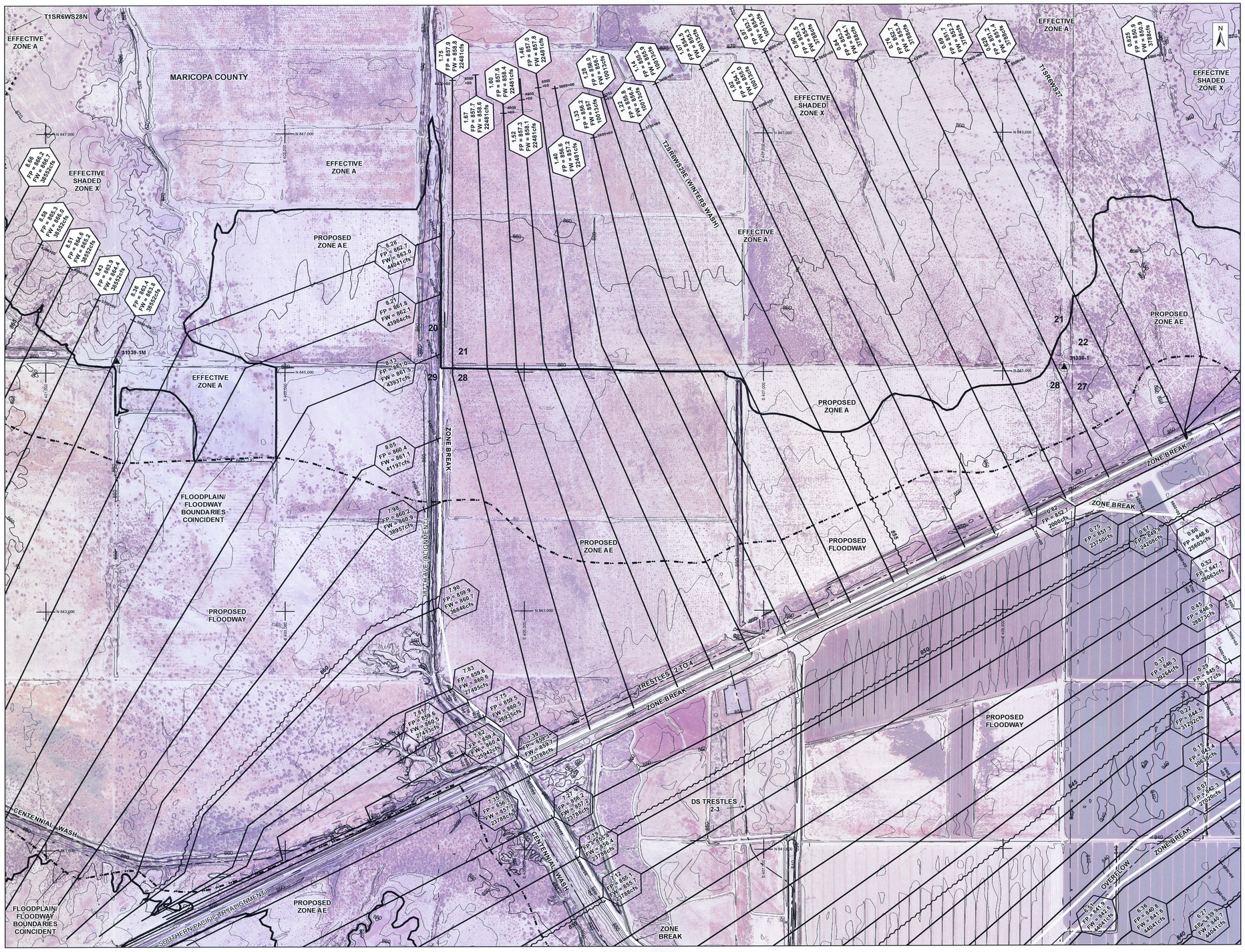
CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS — Date Signed 10-31-2013 — ARIZONA, U.S.A. — Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

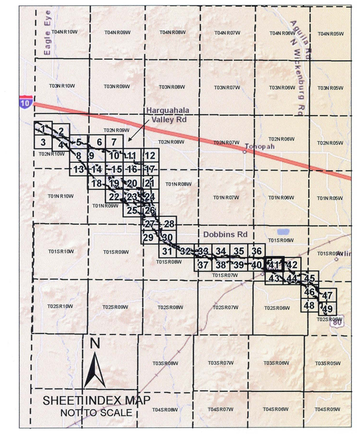
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 31339-1M	865.0	FD 1" IP 0.4' DN W/ NO ID
MCDOT 31336-1	853.0	FD 2" IP 1' UP W/ 2 1/2" GLO BC STAMPED "T1S R6W S21 S22 S28 S27 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 6W, SECTIONS 20-22 AND 27-29.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

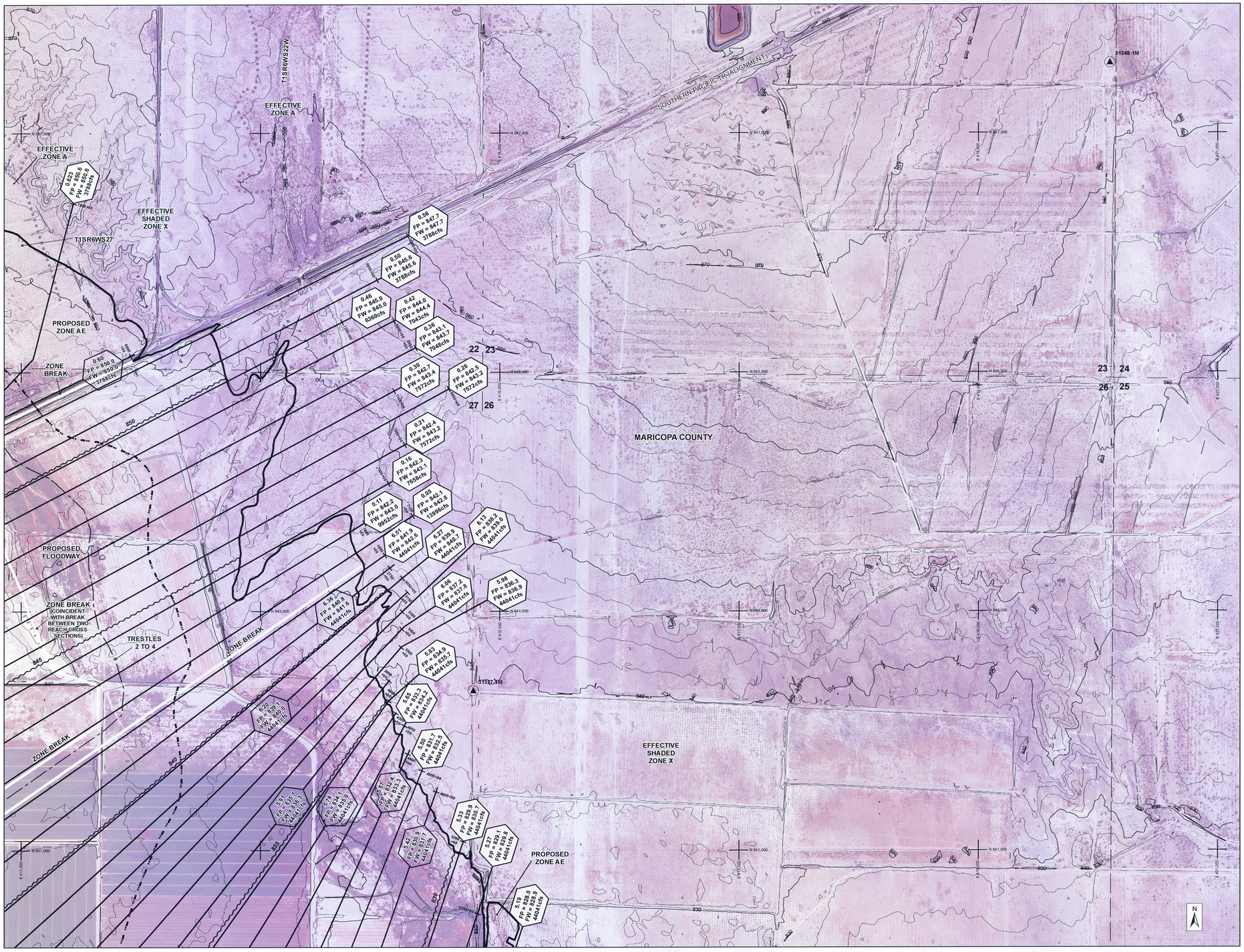
CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 REGISTERED PROFESSIONAL ENGINEER STATE OF ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

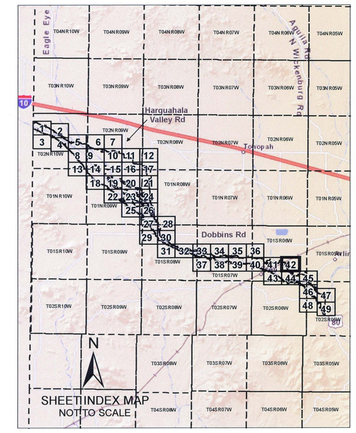
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 31327-1M	839.3	FD 1/2" RB W/O ID FL
MCDOT 31348-1M	863.8	FD 2" IP 1.6' DN W/ NO ID

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 6W, SECTIONS 22-27.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

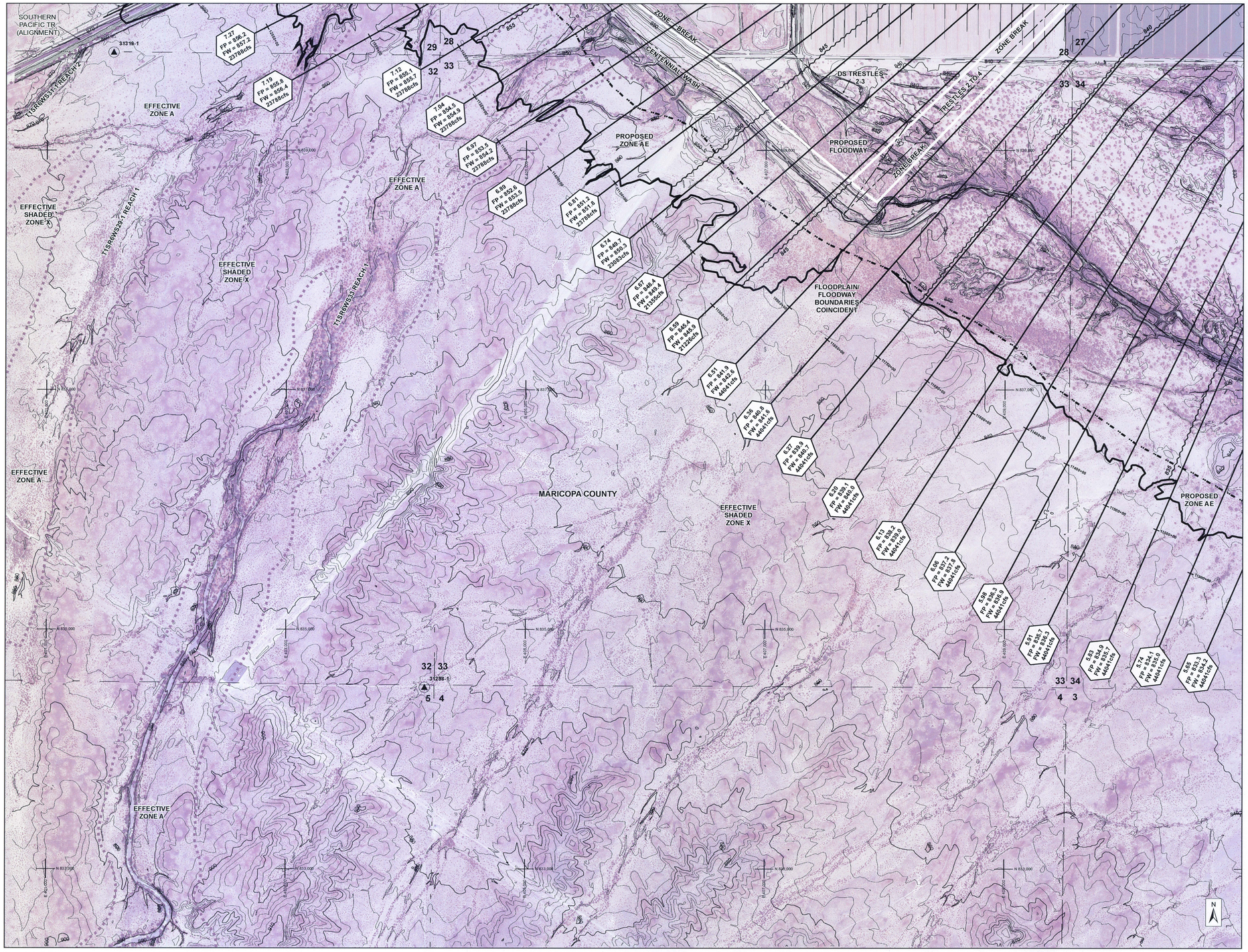
Professional Engineer CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-17-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 42 OF 49

MATCH LINE SHEET 41



MATCH LINE SHEET 44

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D-00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID 5

ELEVATION REFERENCE MARKS

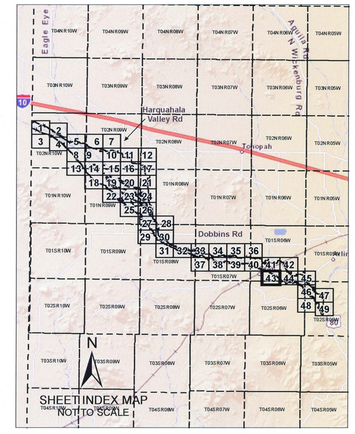
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 31319-1	866.0	FD 1" IP 1' UP W/ 2 1/2" GLO BC STAMPED "S29 1/4 S32 1914"
MCDOT 31298-1	874.7	FD 3" IP 0.8' UP W/ 3 1/2" GLO BC STAMPED "T1S S32 S33 R6W S5 S4 T2S 1914"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 6W, SECTIONS 27-29 AND 32-34 AND TOWNSHIP 2S, RANGE 6W, SECTIONS 3-5.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (County) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

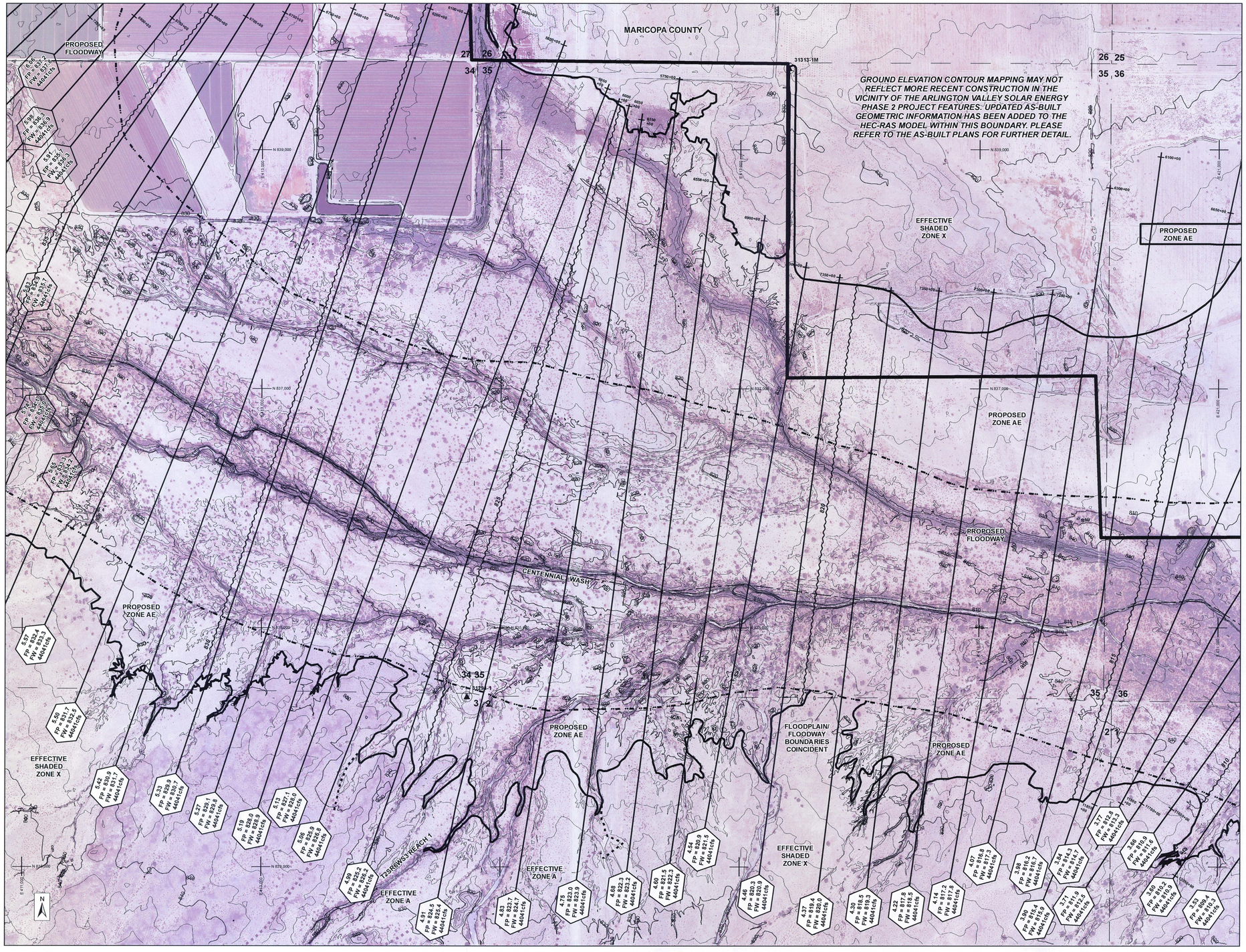
WEST Consultants, Inc.

	BY	DATE
DESIGN	---	---
DESIGN CHECK	---	---
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 42

MATCH LINE SHEET 43

MATCH LINE SHEET 45



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D-00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

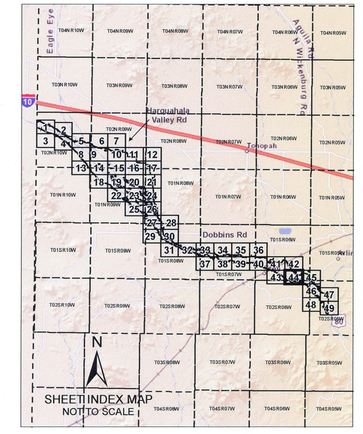
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 31294-1	822.2	FD 3" IP 0.5' UP W/ 3 1/2" GLO BC STAMPED "T1S S34 S35 R6W S3 S2 T2S 1914"
MCDOT 31313-1M	827.2	FD 1/2" RB W/ 2" MC AL CAP STAMPED "T1S R6W S27 S26 S34 S35 RLS 36563 2004"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 6W, SECTIONS 25-27 AND 34-36 AND TOWNSHIP 2S, RANGE 6W, SECTIONS 1-3.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

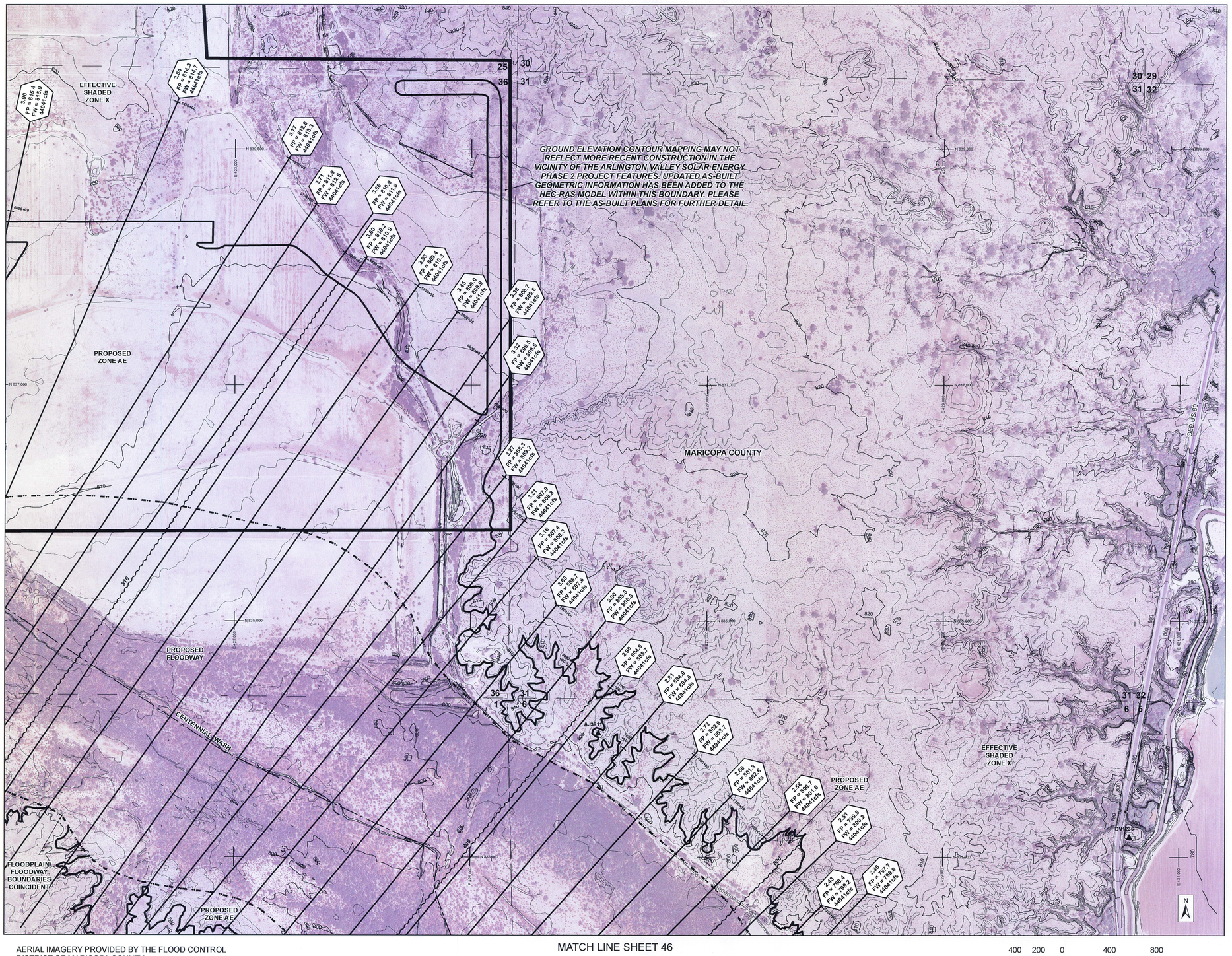
CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer, State of Arizona, CERTIFICATE NO. 52895, CHARLES M. DAVIS, Date Signed 10/31/2013, ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
D+00
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

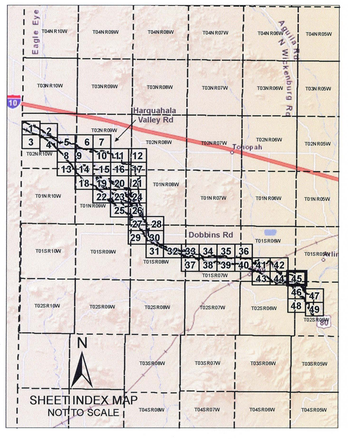
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
NGS AJ3811	806.5	STAINLESS STEEL ROD IN SLEEVE
NGS DV1236	793.0	AT DEEP WATER WELL IRRIGATION PUMP ON WEST BANK OF GILA BEND CANAL

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 1S, RANGE 5W, SECTIONS 29-32 AND RANGE 6W, SECTIONS 25 AND 36; AND TOWNSHIP 2S, RANGE 5W, SECTIONS 5-6 AND RANGE 6W, SECTION 1.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

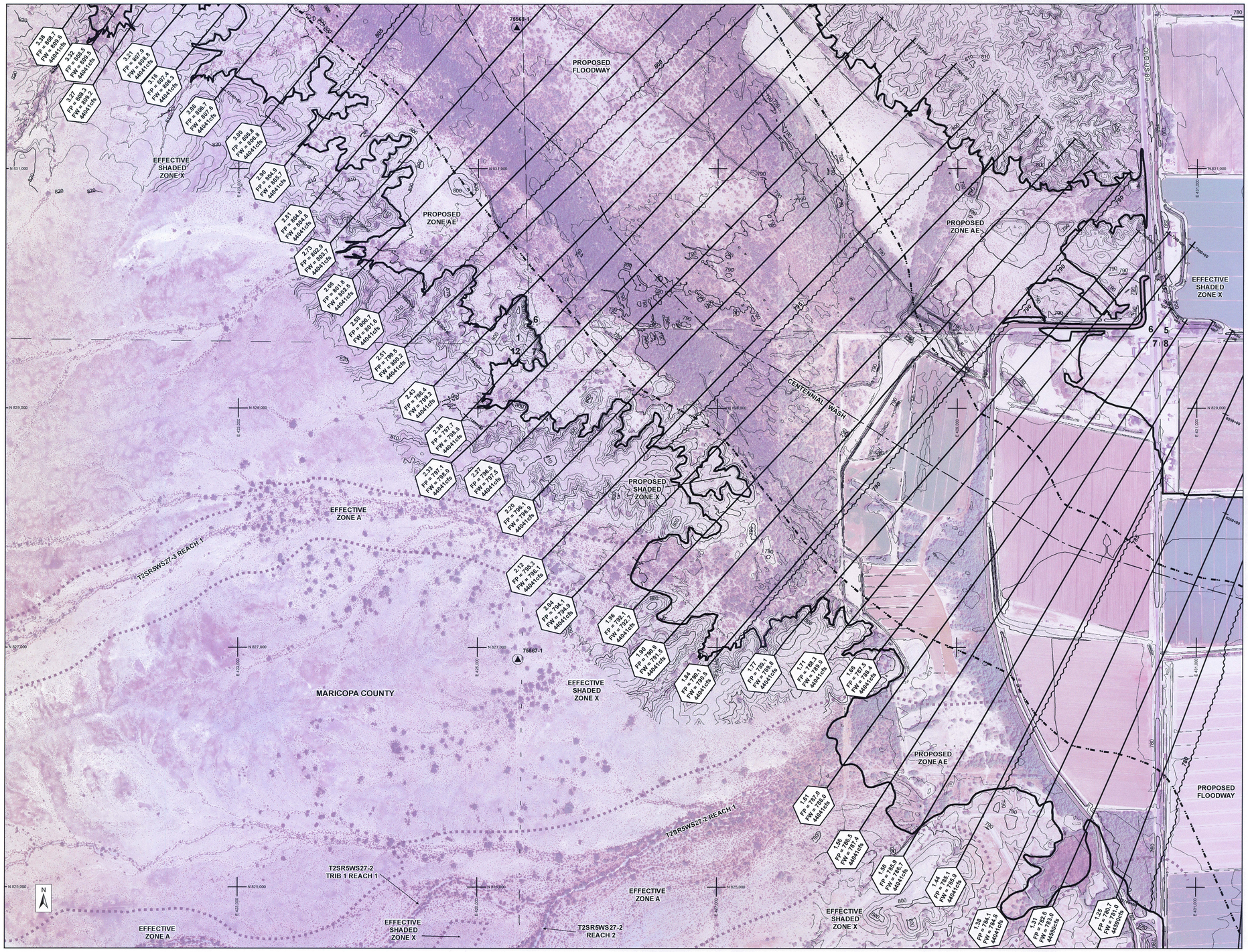
F.C.D. CONTRACT NUMBER 2012C004

Professional Engineer Certificate No. 52895 CHARLES M. DAVIS Date Signed 10-17-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 45



MATCH LINE SHEET 47

MATCH LINE SHEET 48

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

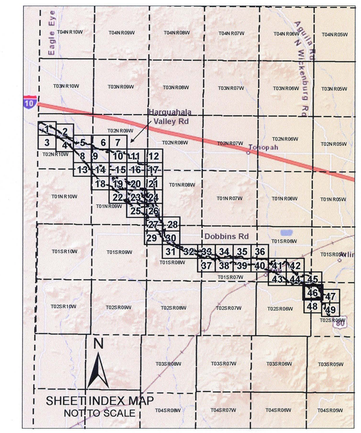
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75568-1	796.4	FD 2 1/2" STEEP PIPE 0.1' UP W/ 3 1/4" BLM BC STAMPED "1/4 S1 1955"
MCDOT 75567-1	802.4	FD 2 1/2" STEEL PIPE 0.7' UP W/ 3 1/4" BLM BC STAMPED "1/4 S12 1955"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2S, RANGE 5W, SECTIONS 5-8 AND RANGE 6W, SECTIONS 1 AND 12.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

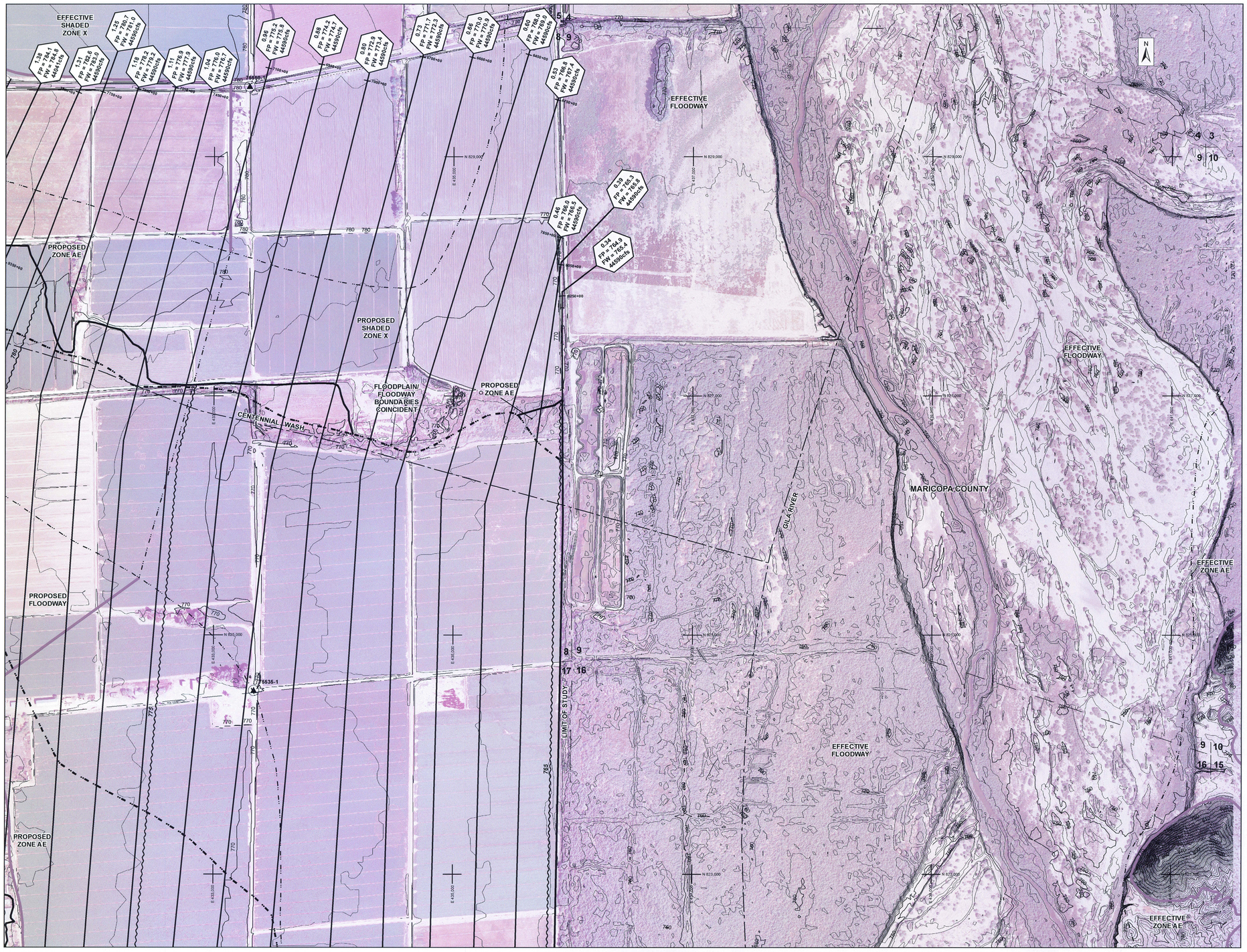
CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13



LEGEND

ZONE AE BOUNDARIES — Revised / Effective

FLOODWAY BOUNDARIES — Revised / Effective

BASE FLOOD ELEVATION

HYDRAULIC BASELINE

ZONE AO1

ZONE AO2

ZONE AO3

ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK

SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

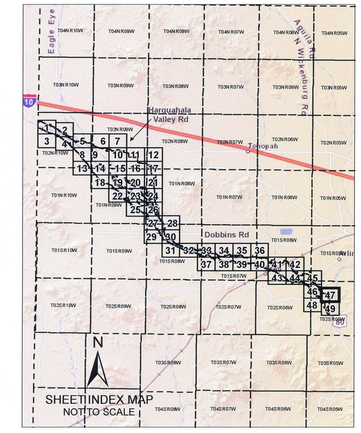
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75550-1	780.6	FD 5/8" RB W/ 3 1/4" A.C. 0.2' DN STAMPED "36562"
MCDOT 75535-1	770.1	FD 1/2" RB W/ NO ID 0.2' DN

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2S, RANGE 5W, SECTIONS 3-5, 8-19, AND 15-17.



AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

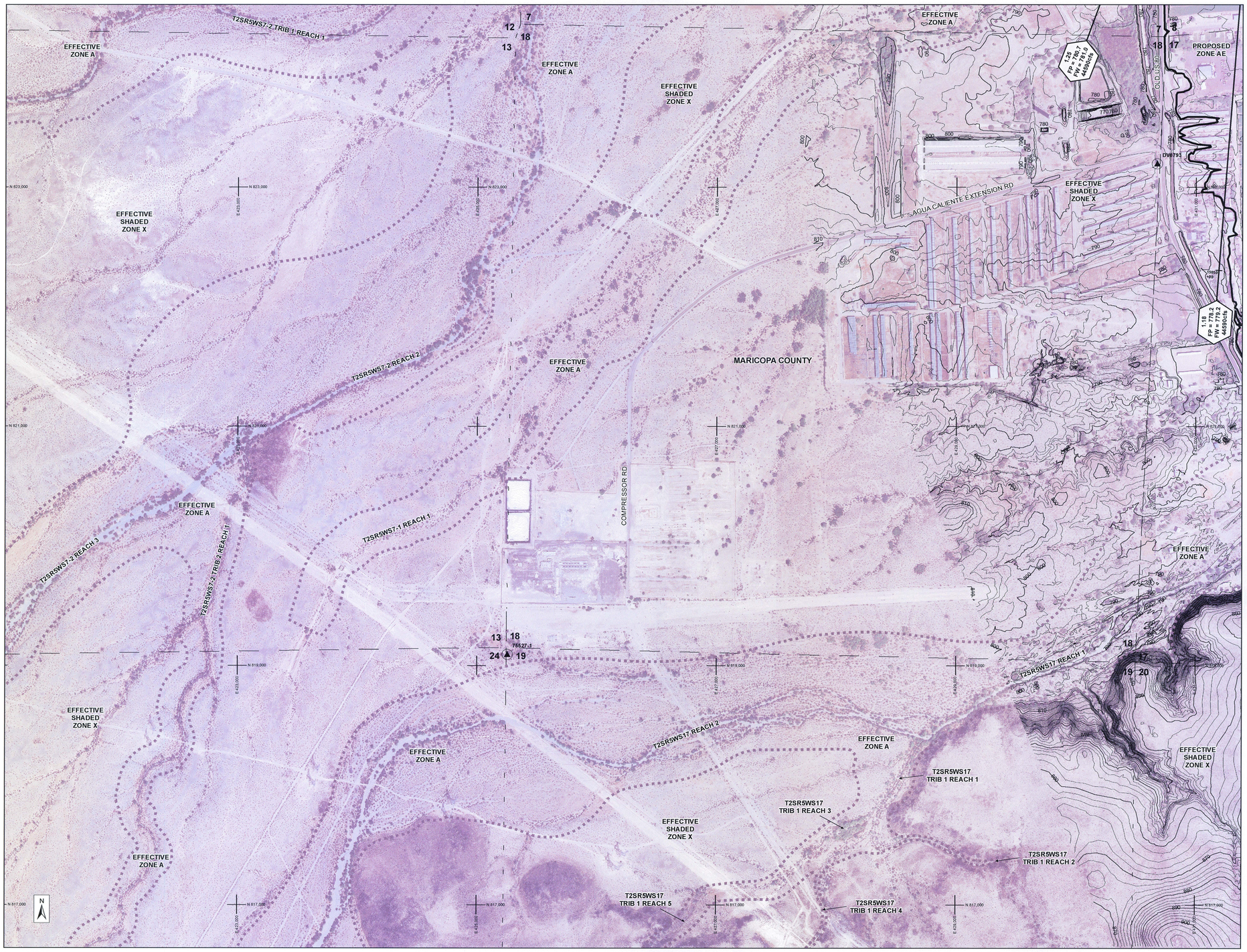
F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Engineer (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10/31/2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

MATCH LINE SHEET 46



MATCH LINE SHEET 47

MATCH LINE SHEET 49

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
Floodway Water Surface Elevation
100-year Discharge
1.009
FP = 2222.33
FW = 2222.33
3333cfs
Cross Section Stationing Tick

ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

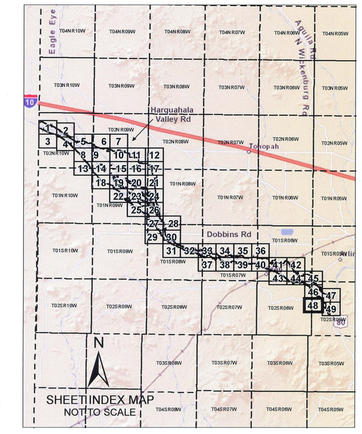
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
MCDOT 75527-1	833.3	FD 2 1/2" STEEL PIPE 0.7' UP W/ 3 1/4" BLM BC STAMPED "R6W R5W S13 S18 S19 1955" SET IN TOP OF CONCRETE POST REINFORCED BY 24" BLOCK OF CONCRETE
NGS DV0793	787.5	

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2S, RANGE 5W, SECTIONS 7-8 AND 17-20 AND RANGE 6W, SECTIONS 12-13 AND 24.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

Registered Professional Land Surveyor (Civil) CERTIFICATE NO. 52895 CHARLES M. DAVIS Date Signed 10-31-2013 ARIZONA, U.S.A.
Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 48 OF 49

MATCH LINE SHEET 47

MATCH LINE SHEET 48

PROPOSED ZONE AE
PROPOSED FLOODWAY
PROPOSED ZONE A
EFFECTIVE SHADED ZONE X
EFFECTIVE ZONE A
EFFECTIVE FLOODWAY
EFFECTIVE ZONE AE
MARICOPA COUNTY
LIMIT OF STUDY
GILA RIVER
T2SR5WS17 REACH 1
DV0794
75520-1
QUAIL RD
1.11 FP = 778.9 FW = 779.9 44590cfs
1.04 FP = 776.0 FW = 776.7 44590cfs
0.96 FP = 775.2 FW = 775.8 44590cfs
0.88 FP = 774.2 FW = 774.7 44590cfs
0.80 FP = 772.9 FW = 773.4 44590cfs
0.73 FP = 771.7 FW = 772.3 44590cfs
0.66 FP = 770.0 FW = 770.9 44590cfs
0.60 FP = 768.0 FW = 768.9 44590cfs
0.52 FP = 766.6 FW = 767.4 44590cfs
0.46 FP = 766.0 FW = 766.3 44590cfs
0.39 FP = 765.3 FW = 765.8 44590cfs
0.34 FP = 764.9 FW = 765.4 44590cfs

AERIAL IMAGERY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FLIGHT DATE VARIES FROM SEPTEMBER THROUGH OCTOBER, 2010 AND 2011

400 200 0 400 800

SCALE: 1" = 400 FEET
CONTOUR INTERVAL = 2 FEET

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

GROUND CONTROL SURVEY DATA & AERIAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LEGEND

ZONE AE BOUNDARIES — Revised / Effective
FLOODWAY BOUNDARIES — Revised / Effective
BASE FLOOD ELEVATION
HYDRAULIC BASELINE
ZONE AO1
ZONE AO2
ZONE AO3
ZONE A BOUNDARIES — Revised / Effective

Cross Section River Mile Designation
Floodplain Water Surface Elevation
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100-year Discharge
1.009
FP = 2222.33
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ELEV. REFERENCE MARK
SECTION LINE AND ID — 5

ELEVATION REFERENCE MARKS

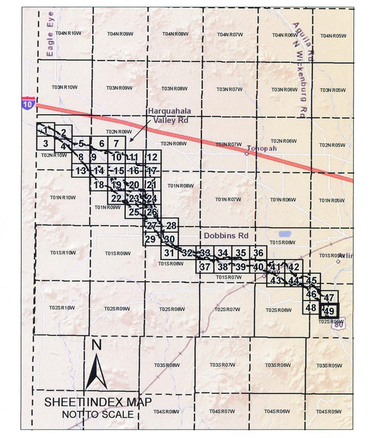
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. SEE MCDOT & NGS ONLINE RESOURCES FOR MORE INFORMATION.

I.D. NUMBER	ELEV. (FT)	DESCRIPTION/LOCATION
NGS DV0794	781.8	2.5' NORTH OF METAL WITNESS POST, 1' BELOW HIGHWAY, SET IN TOP OF CONCRETE POST
MCDOT 75520-1	763.4	FD 2 1/2" STEEL PIPE 0.6' UP W/ 3 1/4" BLM BC STAMPED "BLM T2S R5W S16 S15 S21 S22 1958"

NOTES

1) ALL AREAS DESIGNATED ZONE X ARE SHADED ZONE X, EXCEPT WHERE NOTED.

2) AREA LOCATED IN TOWNSHIP 2S, RANGE 5W, SECTIONS 15-17 AND 20-22.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTENNIAL WASH FLOODPLAIN DELINEATION STUDY: GILA RIVER TO LA PAZ COUNTY

F.C.D. CONTRACT NUMBER 2012C004

CERTIFICATE NO. 52895 CHARLES M. DAVIS — Professional Engineer — ARIZONA, U.S.A. — Expires 12/31/2014

WEST Consultants, Inc.

	BY	DATE
DESIGN	—	—
DESIGN CHECK	—	—
PLANS	SJB	10/13
PLANS CHECK	CMD, JWH	10/13

SHEET 49 OF 49