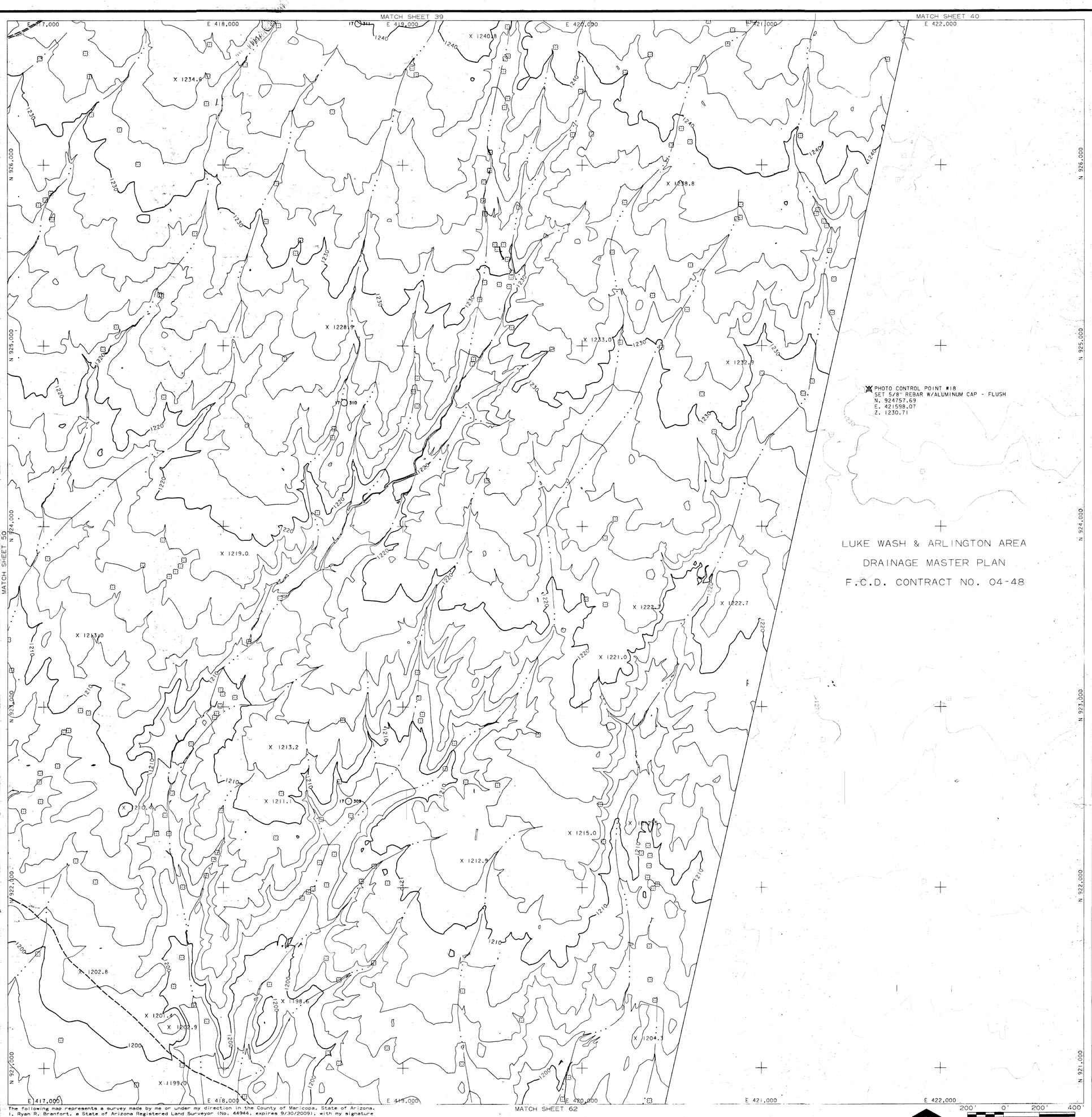


LUKE WASH & ARLINGTON AREA

DRAINAGE MASTER PLAN

F.C.D. CONTRACT NO. 04-48

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

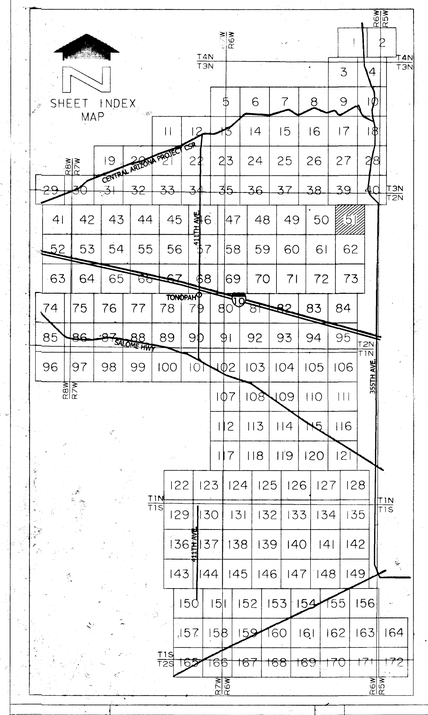
NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
18	1230.71	SET 5/8" REBAR WITH ALUMINUM CAP FLUSH WITH GROUND N: 924757.69 E: 421598.07

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

WILSON & COMPANY

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A. EXPIRES 9/30/09

SHEET 51 OF 172

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

Drawer 311

Sheets 51-100

LEGEND

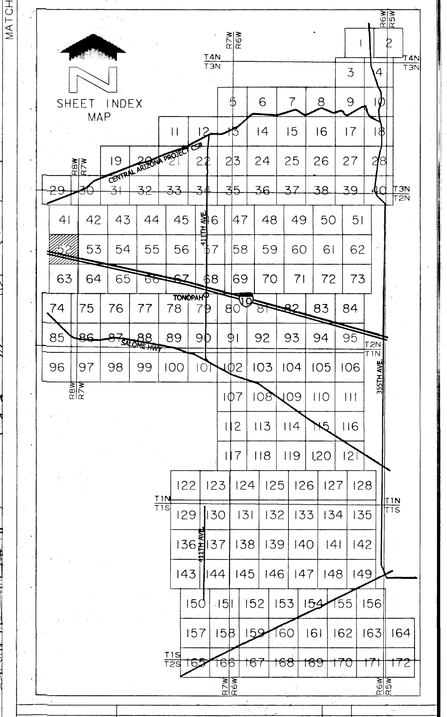
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

ADDITIONAL PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
107	1286.67	SET ⌀" REBAR WITH ALUMINUM CAP FLUSH WITH GROUND N: 916988.70 E: 356621.57



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A. EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 52 OF 172

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 42

MATCH SHEET 52

MATCH SHEET 54

MATCH SHEET 64

E 363.000 E 364.000 E 365.000 E 366.000 E 367.000 E 368.000

N 920.000 N 919.000 N 918.000 N 917.000 N 916.000 N 915.000

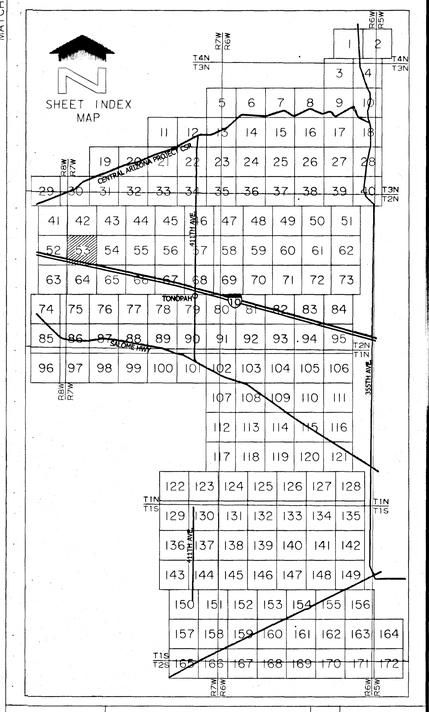
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

WILSON &COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 53 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A. 9/30/09

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

MATCH SHEET 43

E 369,000 E 370,000 E 371,000 E 372,000 E 373,000 E 374,000

N 920,000 N 919,000 N 918,000 N 917,000 N 916,000 N 915,000

MATCH SHEET 53

MATCH SHEET 55

MATCH SHEET 65

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CENTRAL ARIZONA PROJECT CAP

SR 85

TONOPAH

ARLINGTON CANAL

SOUTH MAIN CANAL

SOUTH AVE

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

Exp. 9/30/09

WILSON & COMPANY

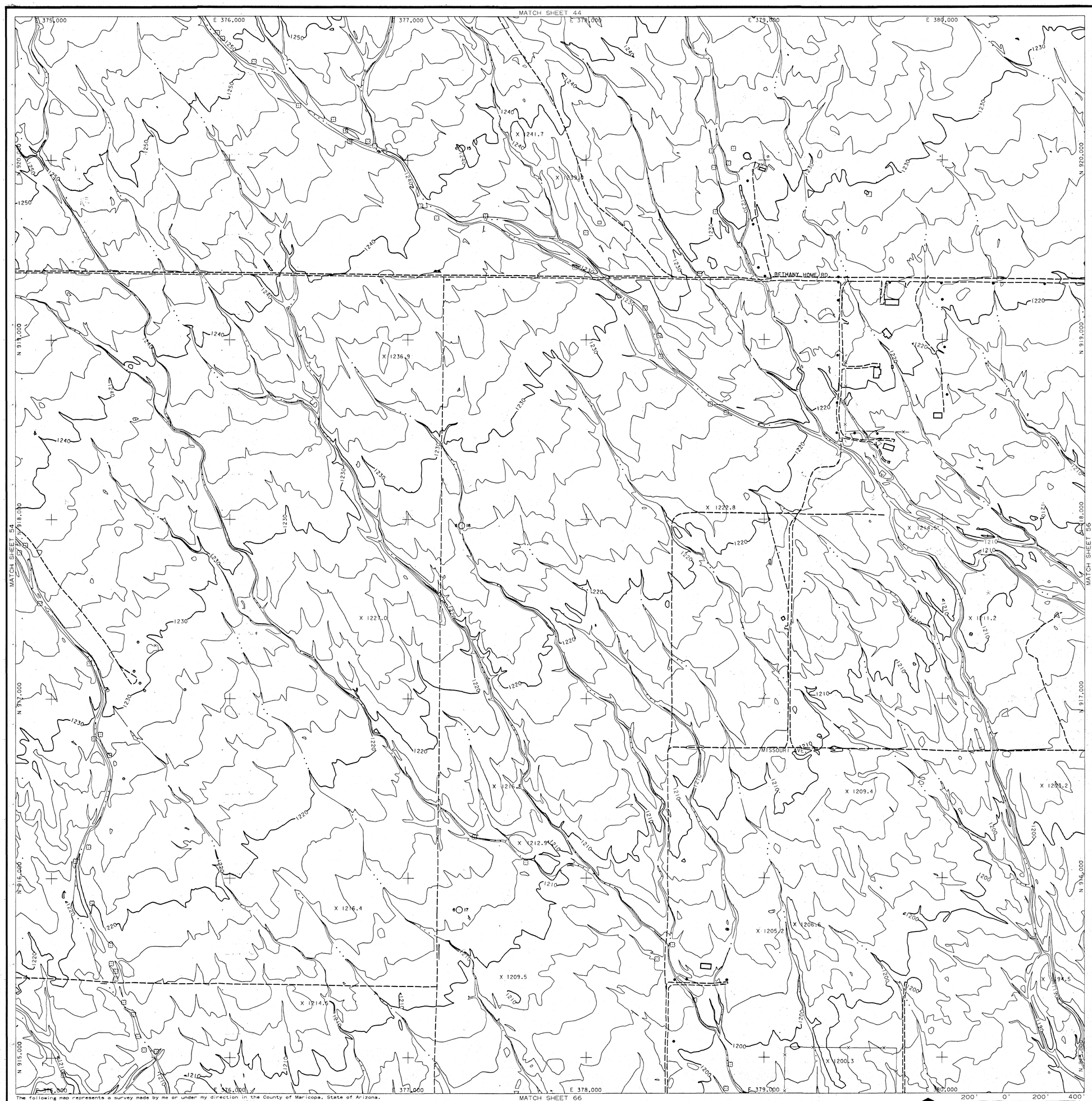
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 54 OF 111

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

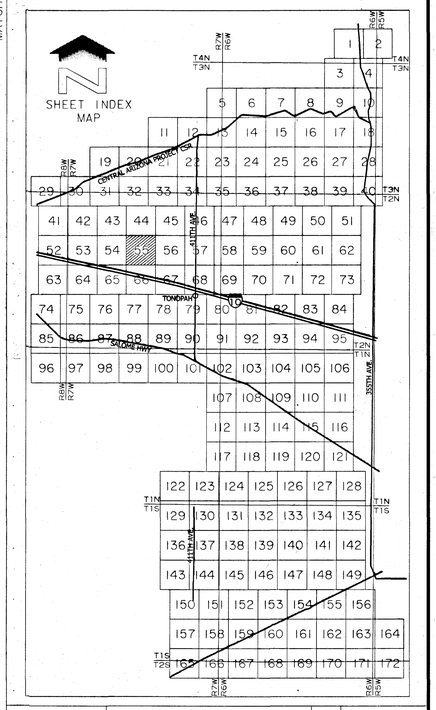


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona.
I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-12-08 ARIZONA, U.S.A.
EXPIRES 9/30/09

WILSON & COMPANY

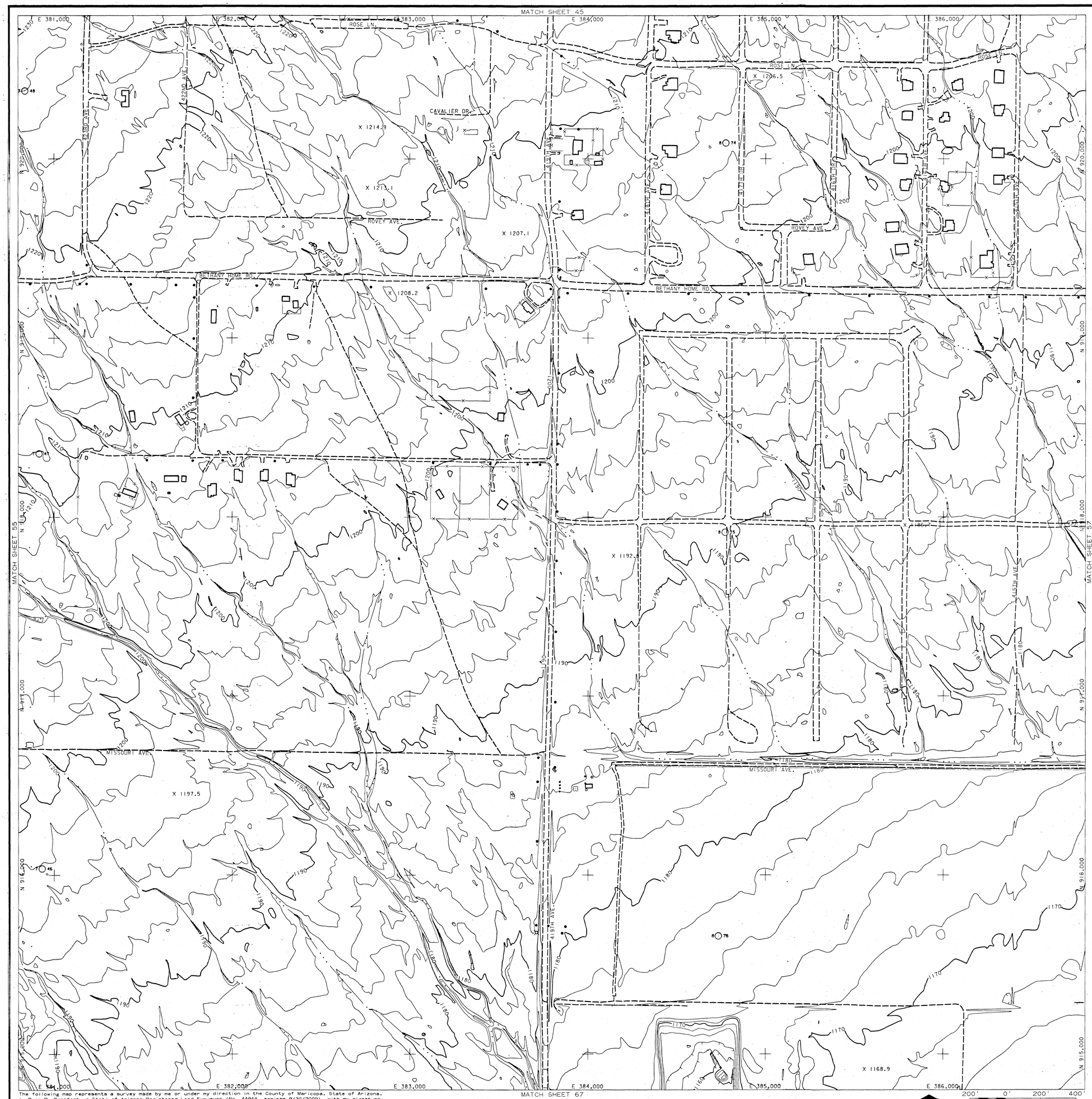
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 55 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

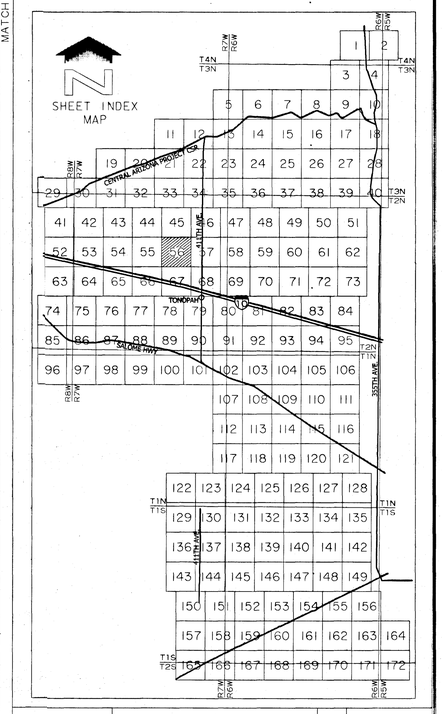


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 56 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-26-08 ARIZONA U.S.A.

E-Sig 9/30/08

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 46

E 387,000 E 388,000 E 389,000 E 390,000 E 391,000 E 392,000

N 920,000 N 919,000 N 918,000 N 917,000 N 916,000 N 915,000

BETHANY HOME RD.

MISSOURI AVE.

41TH AVE

MATCH SHEET 56

MATCH SHEET 58

MATCH SHEET 68

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CENTRAL ARIZONA PROJECT CAP

HASSAYAMPA RIVER

TONOPAH

SALOME HWY

SMITH-ENKE RD

35TH AVE

BASELINE

T4N T3N T2N T1N T1S T2S

R5W R4W R3W R2W R1W R1E

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A. Expires 9/30/09

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 57 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

MATCH SHEET 47

E 393.000 E 394.000 E 395.000 E 396.000 E 397.000 E 398.000

N 920.000 N 919.000 N 918.000 N 917.000 N 916.000 N 915.000

BETHANY HOME RD.

SCATTERED BRUSH

WINTERS WASH

OLD CAMP WASH

40TH AVE

51ST AVE

35TH AVE

CENTRAL ARIZONA PROJECT CAP

TONOPAH DR

ENCANTO BLVD

MATCH SHEET 57

MATCH SHEET 59

MATCH SHEET 69

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 44944 — RYAN R. BRANFORT — ARIZONA — EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1"=7200

WILSON &COMPANY

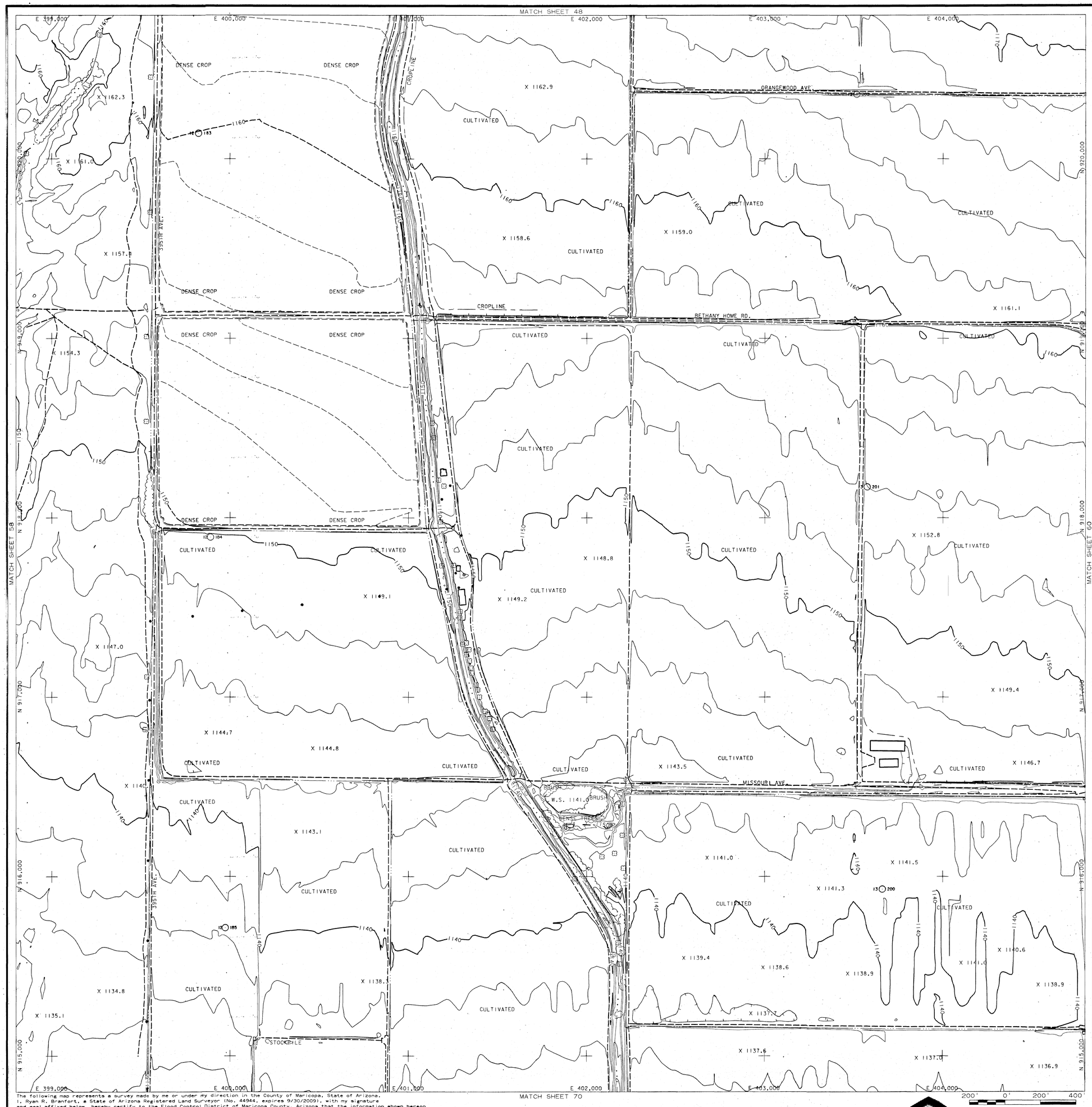
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 58 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

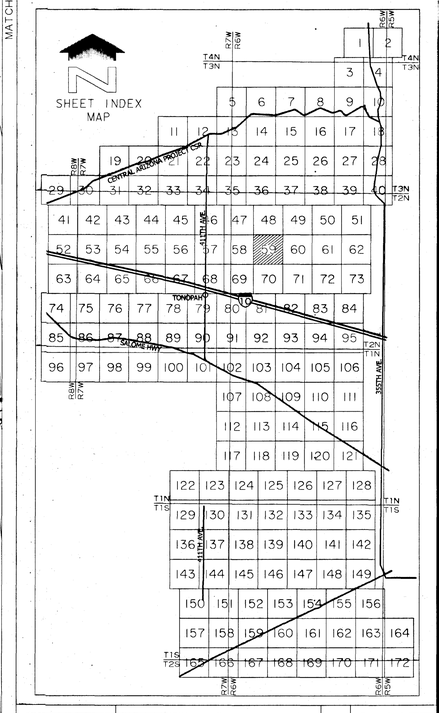


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 59 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-28-08 ARIZONA, U.S.A.

EXPIRES 9/30/09

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification; and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

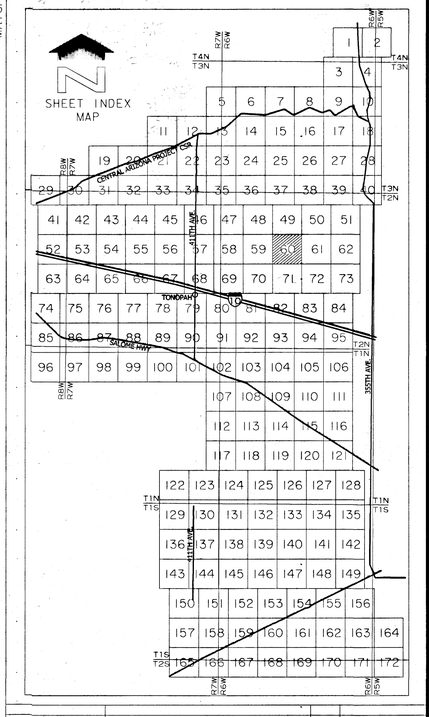
GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
44944
RYAN R. BRANFORT
Date Signed 9-30-09
ARIZONA, U.S.A.
EXPIRES 9/30/09

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 60 OF 172

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 50

MATCH SHEET 60

MATCH SHEET 62

MATCH SHEET 72

E 411.000 E 412.000 E 413.000 E 414.000 E 415.000 E 416.000

N 920.000 N 919.000 N 918.000 N 917.000 N 916.000 N 915.000

W.S. 1175.1

FOURMILE WASH

SCATTERED BRUSH

15 254 15 255 15 252 16 285 16 286 16 287

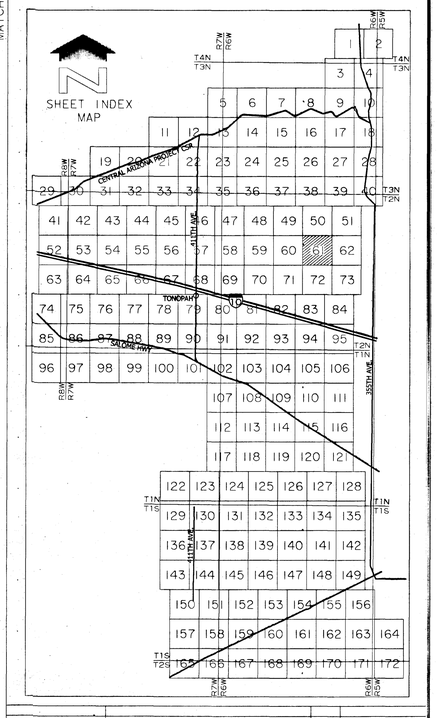
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER (1 2)
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON &COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 61 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

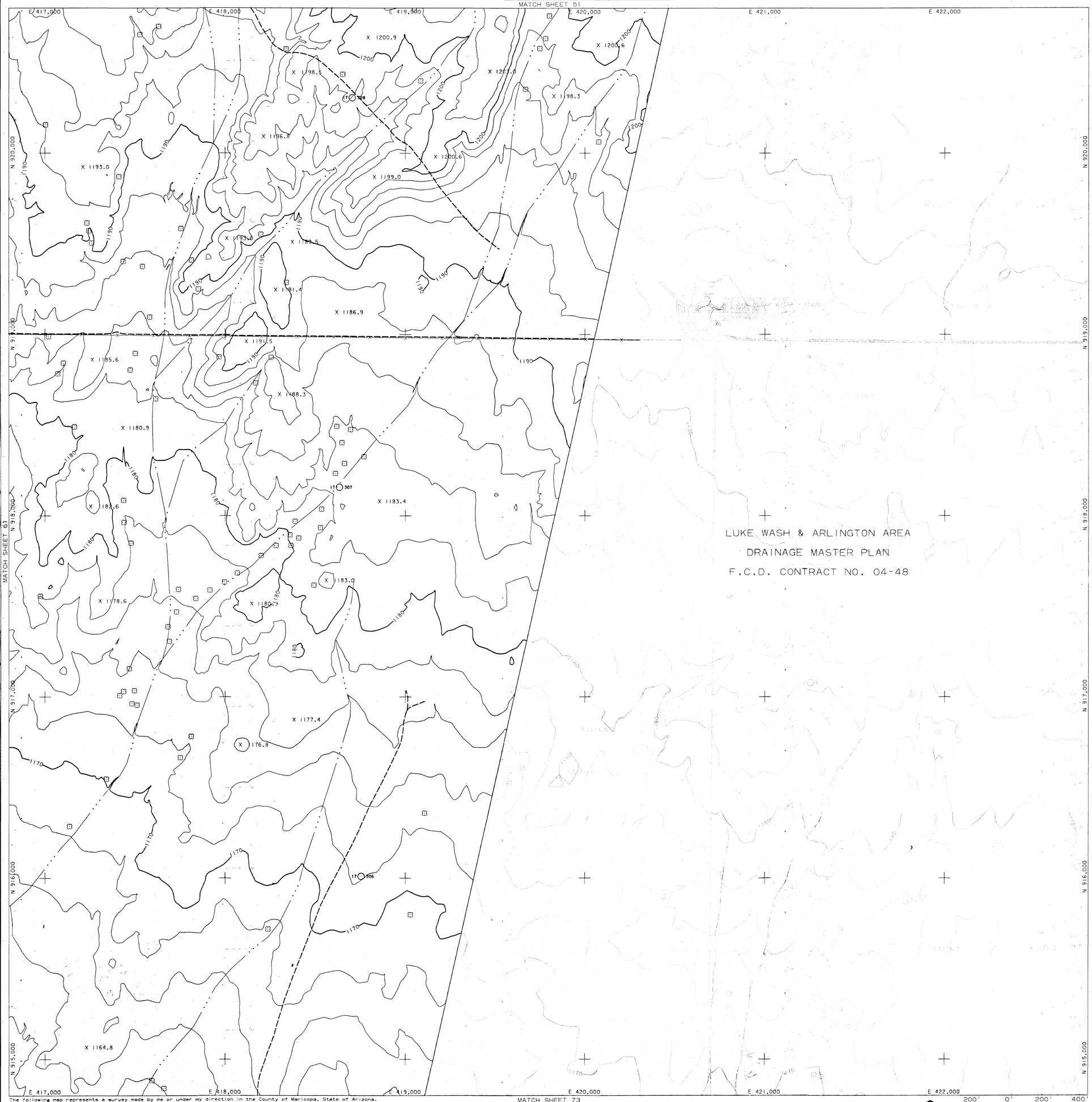
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY



LUKE WASH & ARLINGTON AREA

DRAINAGE MASTER PLAN

F.C.D. CONTRACT NO. 04-48

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT

EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 62 OF 172

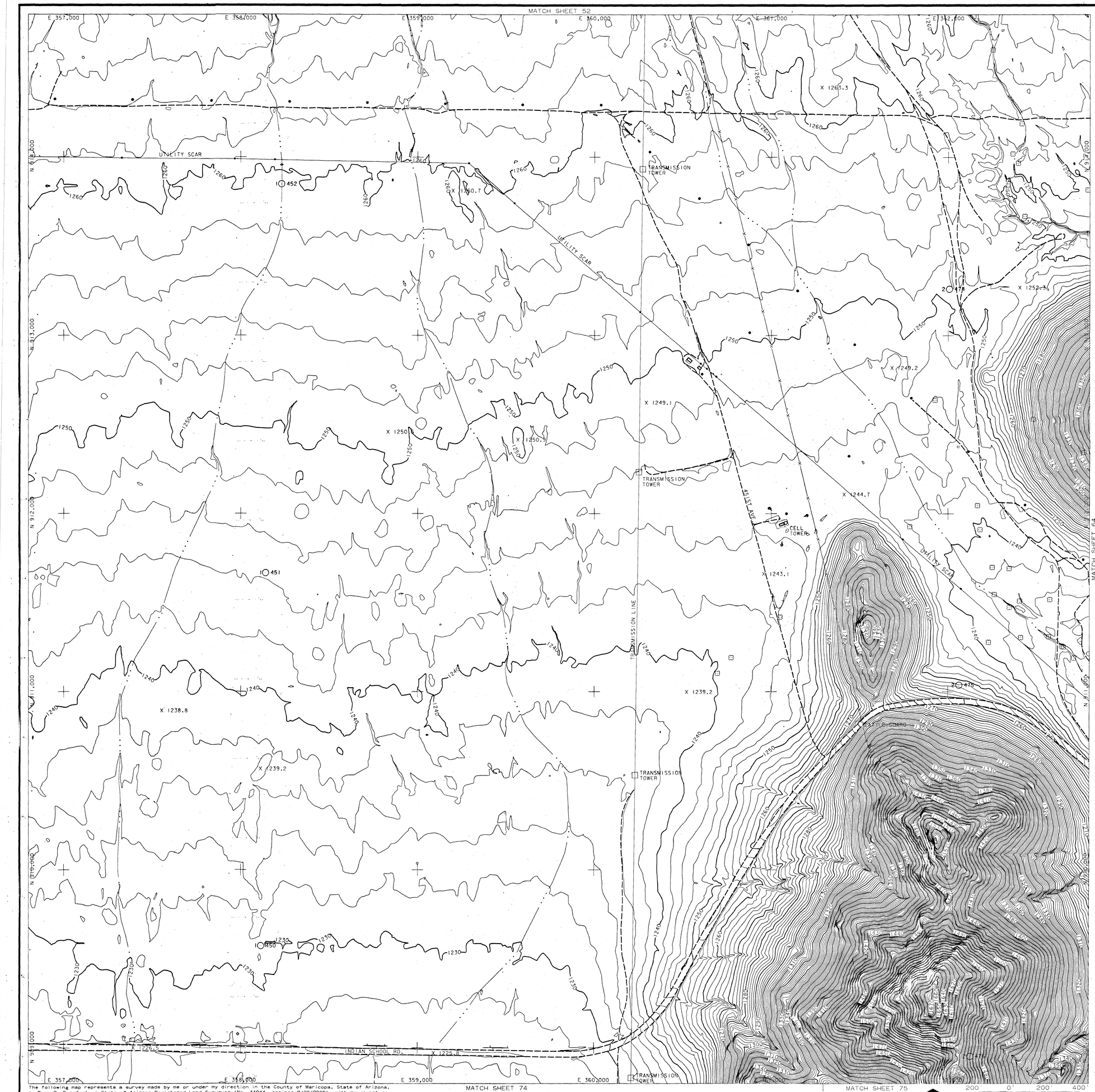
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

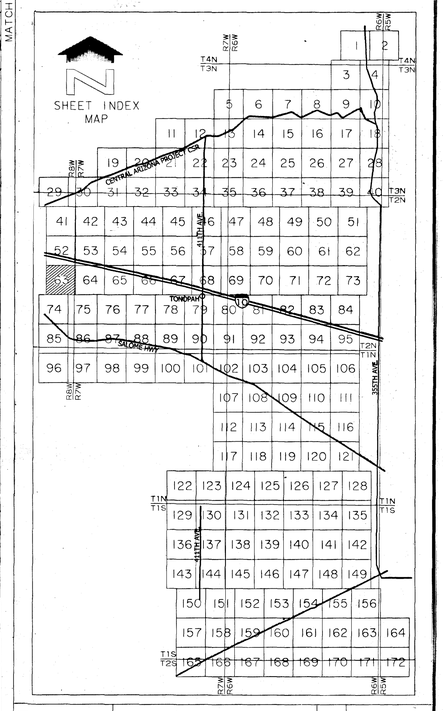


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER (1 2)
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

EXPIRES 9/30/09

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 63 OF 172

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 53

MATCH SHEET 63

MATCH SHEET 65

MATCH SHEET 75

MATCH SHEET 76

E 363.000 E 364.000 E 365.000 E 366.000 E 367.000 E 368.000

N 919.000 N 918.000 N 917.000 N 916.000 N 915.000 N 914.000 N 913.000 N 912.000

X 1256.8 X 1248.6 X 1235.1 X 1234.3 X 1259.4 X 1249.0 X 1258.9 X 1242.6 X 1240.7 X 1231.4 X 1226.8 X 1240.6 X 1226.9 X 1229.2 X 1221.4 X 1220.2 X 1219.1 X 1208.6 X 1208.6 X 1207.3

1230 1240 1250 1260 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1390 1400 1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 1600 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2860 2870 2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000 3010 3020 3030 3040 3050 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150 3160 3170 3180 3190 3200 3210 3220 3230 3240 3250 3260 3270 3280 3290 3300 3310 3320 3330 3340 3350 3360 3370 3380 3390 3400 3410 3420 3430 3440 3450 3460 3470 3480 3490 3500 3510 3520 3530 3540 3550 3560 3570 3580 3590 3600 3610 3620 3630 3640 3650 3660 3670 3680 3690 3700 3710 3720 3730 3740 3750 3760 3770 3780 3790 3800 3810 3820 3830 3840 3850 3860 3870 3880 3890 3900 3910 3920 3930 3940 3950 3960 3970 3980 3990 4000 4010 4020 4030 4040 4050 4060 4070 4080 4090 4100 4110 4120 4130 4140 4150 4160 4170 4180 4190 4200 4210 4220 4230 4240 4250 4260 4270 4280 4290 4300 4310 4320 4330 4340 4350 4360 4370 4380 4390 4400 4410 4420 4430 4440 4450 4460 4470 4480 4490 4500 4510 4520 4530 4540 4550 4560 4570 4580 4590 4600 4610 4620 4630 4640 4650 4660 4670 4680 4690 4700 4710 4720 4730 4740 4750 4760 4770 4780 4790 4800 4810 4820 4830 4840 4850 4860 4870 4880 4890 4900 4910 4920 4930 4940 4950 4960 4970 4980 4990 5000 5010 5020 5030 5040 5050 5060 5070 5080 5090 5100 5110 5120 5130 5140 5150 5160 5170 5180 5190 5200 5210 5220 5230 5240 5250 5260 5270 5280 5290 5300 5310 5320 5330 5340 5350 5360 5370 5380 5390 5400 5410 5420 5430 5440 5450 5460 5470 5480 5490 5500 5510 5520 5530 5540 5550 5560 5570 5580 5590 5600 5610 5620 5630 5640 5650 5660 5670 5680 5690 5700 5710 5720 5730 5740 5750 5760 5770 5780 5790 5800 5810 5820 5830 5840 5850 5860 5870 5880 5890 5900 5910 5920 5930 5940 5950 5960 5970 5980 5990 6000 6010 6020 6030 6040 6050 6060 6070 6080 6090 6100 6110 6120 6130 6140 6150 6160 6170 6180 6190 6200 6210 6220 6230 6240 6250 6260 6270 6280 6290 6300 6310 6320 6330 6340 6350 6360 6370 6380 6390 6400 6410 6420 6430 6440 6450 6460 6470 6480 6490 6500 6510 6520 6530 6540 6550 6560 6570 6580 6590 6600 6610 6620 6630 6640 6650 6660 6670 6680 6690 6700 6710 6720 6730 6740 6750 6760 6770 6780 6790 6800 6810 6820 6830 6840 6850 6860 6870 6880 6890 6900 6910 6920 6930 6940 6950 6960 6970 6980 6990 7000 7010 7020 7030 7040 7050 7060 7070 7080 7090 7100 7110 7120 7130 7140 7150 7160 7170 7180 7190 7200 7210 7220 7230 7240 7250 7260 7270 7280 7290 7300 7310 7320 7330 7340 7350 7360 7370 7380 7390 7400 7410 7420 7430 7440 7450 7460 7470 7480 7490 7500 7510 7520 7530 7540 7550 7560 7570 7580 7590 7600 7610 7620 7630 7640 7650 7660 7670 7680 7690 7700 7710 7720 7730 7740 7750 7760 7770 7780 7790 7800 7810 7820 7830 7840 7850 7860 7870 7880 7890 7900 7910 7920 7930 7940 7950 7960 7970 7980 7990 8000 8010 8020 8030 8040 8050 8060 8070 8080 8090 8100 8110 8120 8130 8140 8150 8160 8170 8180 8190 8200 8210 8220 8230 8240 8250 8260 8270 8280 8290 8300 8310 8320 8330 8340 8350 8360 8370 8380 8390 8400 8410 8420 8430 8440 8450 8460 8470 8480 8490 8500 8510 8520 8530 8540 8550 8560 8570 8580 8590 8600 8610 8620 8630 8640 8650 8660 8670 8680 8690 8700 8710 8720 8730 8740 8750 8760 8770 8780 8790 8800 8810 8820 8830 8840 8850 8860 8870 8880 8890 8900 8910 8920 8930 8940 8950 8960 8970 8980 8990 9000 9010 9020 9030 9040 9050 9060 9070 9080 9090 9100 9110 9120 9130 9140 9150 9160 9170 9180 9190 9200 9210 9220 9230 9240 9250 9260 9270 9280 9290 9300 9310 9320 9330 9340 9350 9360 9370 9380 9390 9400 9410 9420 9430 9440 9450 9460 9470 9480 9490 9500 9510 9520 9530 9540 9550 9560 9570 9580 9590 9600 9610 9620 9630 9640 9650 9660 9670 9680 9690 9700 9710 9720 9730 9740 9750 9760 9770 9780 9790 9800 9810 9820 9830 9840 9850 9860 9870 9880 9890 9900 9910 9920 9930 9940 9950 9960 9970 9980 9990 10000

501 500 499

I 10

LAMELBACK RD.

443RD AVE.

443RD AVE.

443RD AVE.

443RD AVE.

MONTEZUMA AVE.

CAMPBELL AVE.

INDIAN SCHOOL RD.

UTILITY SCAR

UTILITY SCAR

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

R2W R1W T4N T3N

CENTRAL ARIZONA PROJECT CAP

T3N T2N

T2N T1N

T1N T1S

T1S T2S

R2W R1W R2E R1E

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172

59TH AVE. 51ST AVE. 43RD AVE. 35TH AVE.

TONOPAH

SALOME HWY

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 64 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A. EXPIRES 9/30/09

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

MATCH SHEET 54

MATCH SHEET 64

MATCH SHEET 66

MATCH SHEET 76

MATCH SHEET 77

E 369,000 E 370,000 E 371,000 E 372,000 E 373,000 E 374,000

N 914,000 N 913,000 N 912,000 N 911,000 N 910,000 N 909,000

CAMELBACK RD.

COLLEGE DR.

PIERSON ST.

HIGHLAND AVE.

MEADOWBROOK AVE.

CAMPBELL AVE.

ROMA AVE.

MONTECITO AVE.

HEATHERBRAE AVE.

DEVONSHIRE AVE.

INDIAN SCHOOL RD.

441ST AVE.

439TH AVE.

I 10

X 1226.7 X 1225.6 X 1219.0 X 1217.8 X 1216.9 X 1212.7 X 1208.8 X 1213. X 1216.6 X 1208.9 X 1204.7 X 1203.3 X 1204. X 1213.0 X 1206.8 X 1197.3 X 1197.3 X 1190.8 X 1189.1

5 554 5 553 5 552 4 528 4 529

MB

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CONTAIN ARIZONA PROTECT CSR

SALOMA HWY

TOMAHAWK

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

SHEET 65 OF 172

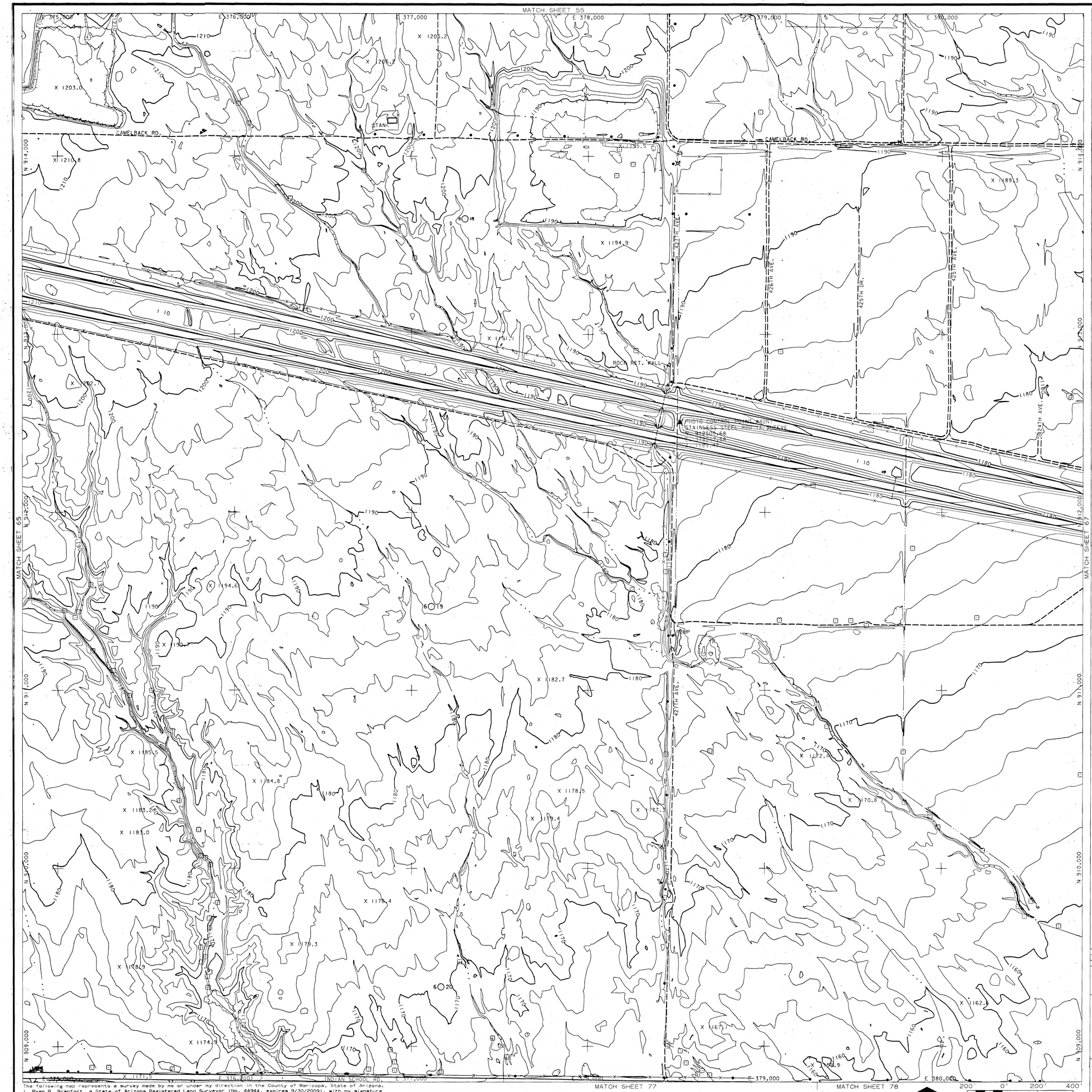
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY



LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

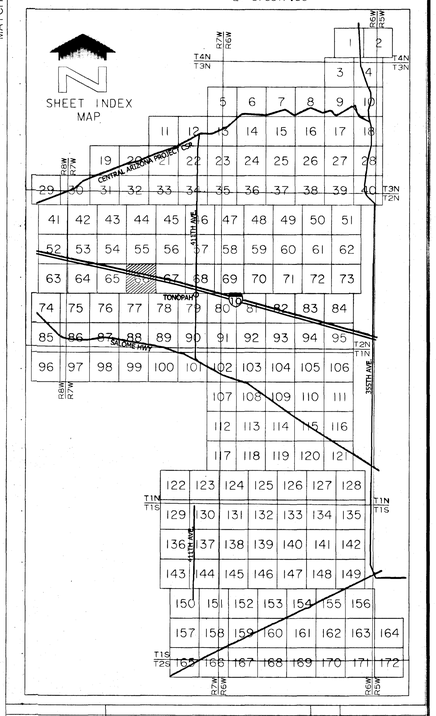
NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
4DN1	1189.47	STAINLESS STEEL ROD IN SLEEVE N: 912505.68 E: 378517.58

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A. 9/30/09

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

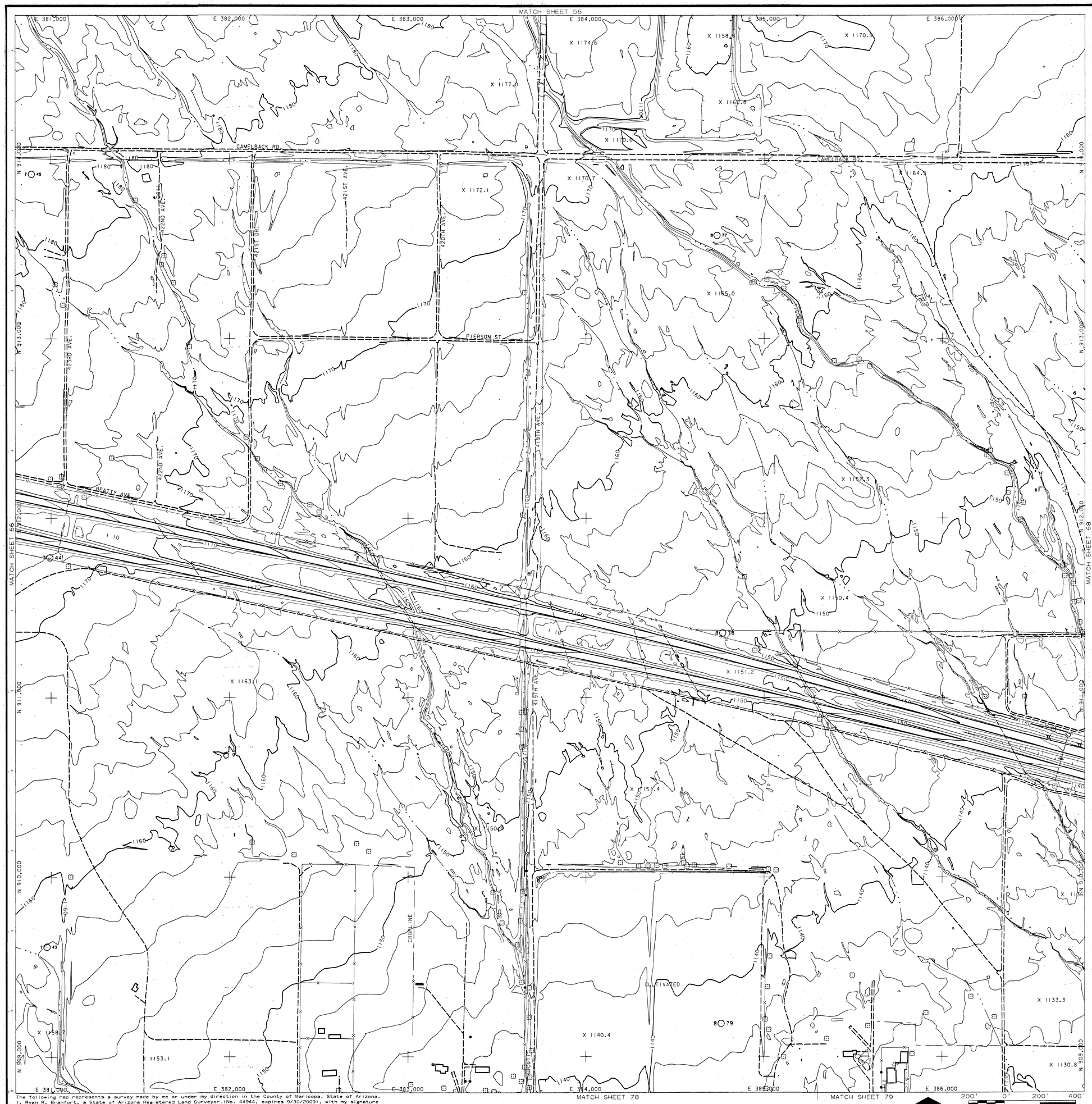
WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

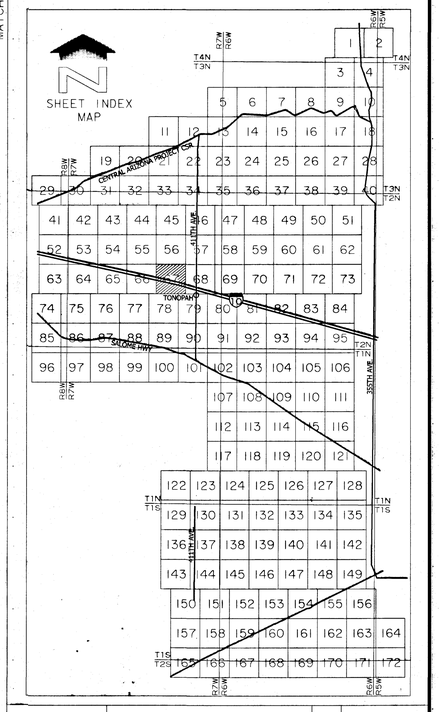


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 67 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-12-08 ARIZONA, U.S.A.

EXPIRES 9/30/09

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor,(No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

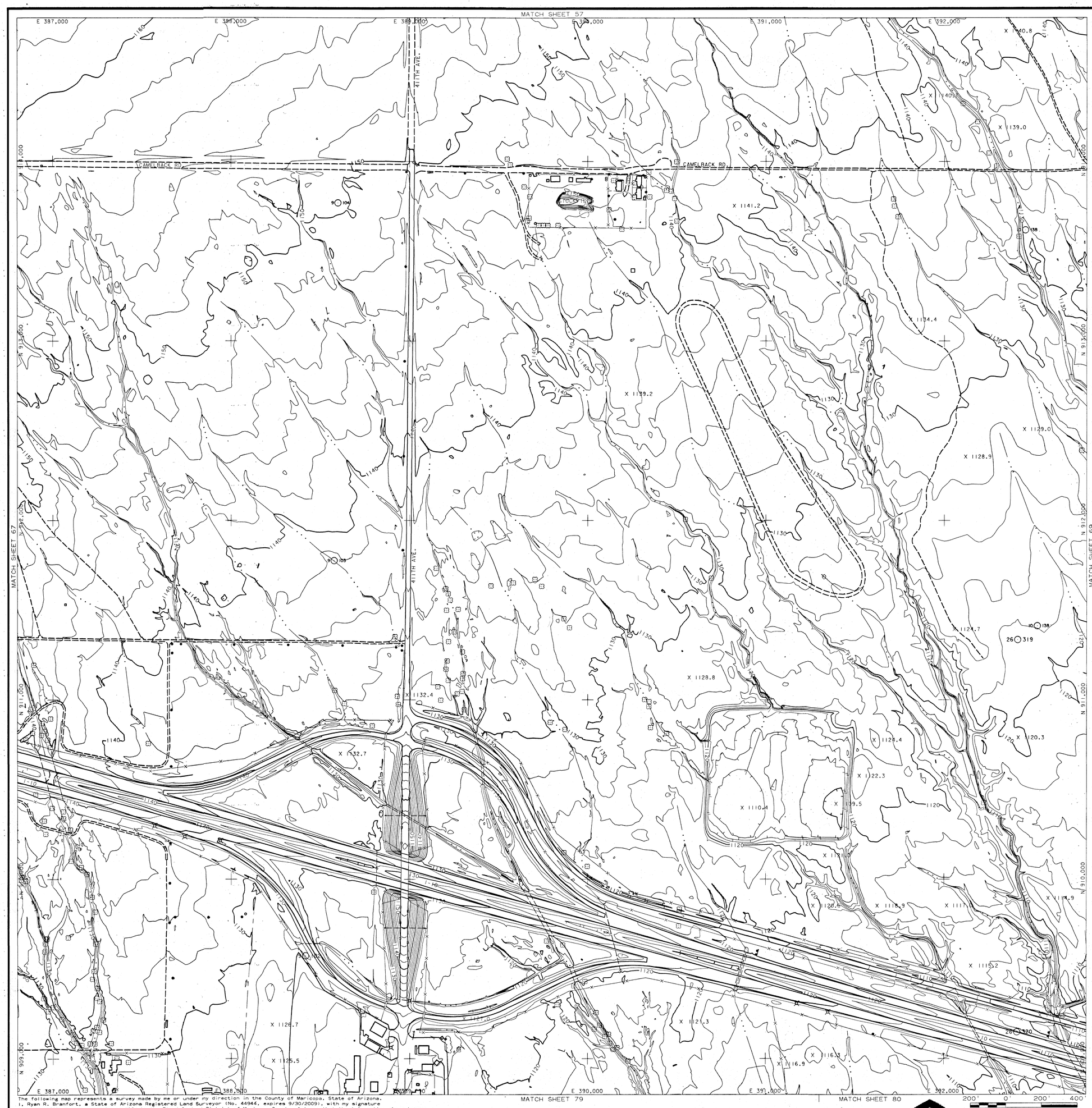
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

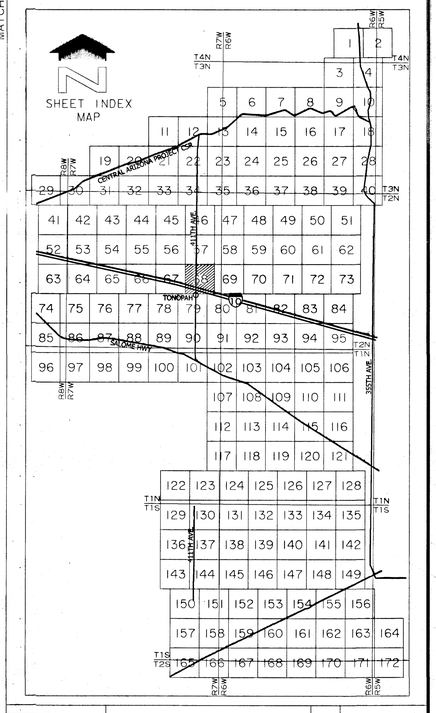


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 68 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 9-30-08 ARIZONA U.S.A.

EXP. RRB 9/30/09

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

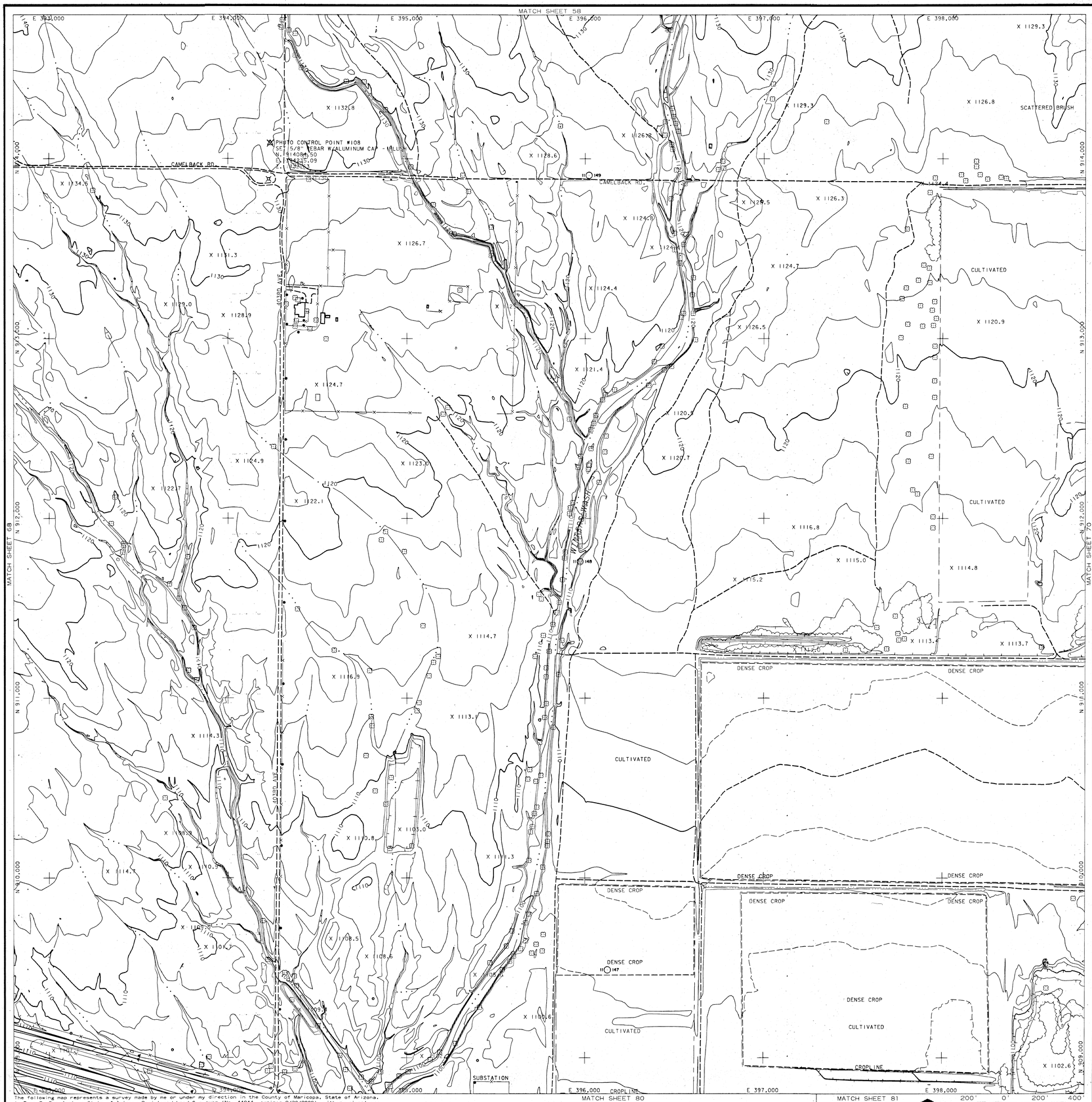
SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY



LEGEND

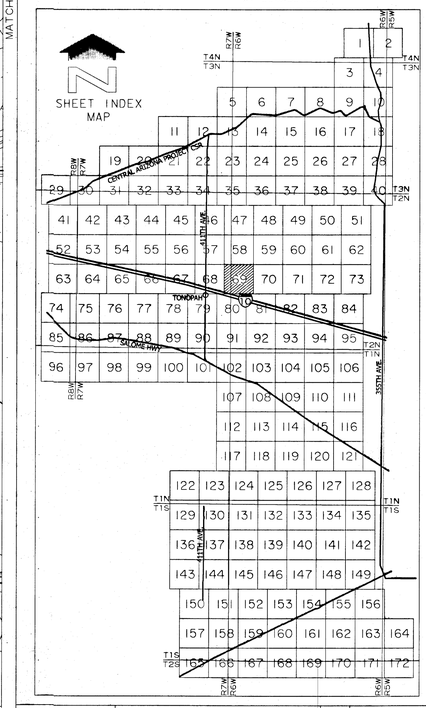
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
108	1132.63	SET 5/8" REBAR WITH ALUMINUM CAP FLUSH WITH GROUND N: 914084.50 E: 394235.09



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 69 OF 172

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona.
I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 9-30-08 ARIZONA, U.S.A.

Exp. 9/30/09

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 59

E 399,000 E 400,000 E 401,000 E 402,000 E 403,000 E 404,000

N 914,000 N 913,000 N 912,000 N 911,000 N 910,000 N 909,000

CAMELBACK RD

SIXTH AVE

SEVENTH AVE

THIRTY-FIFTH AVE

THIRTY-SIXTH AVE

THIRTY-SEVENTH AVE

CROPLINE

PROPANE TANK

GRAIN BIN

WALL

W.S. 1121.4

W.S. 1101.0

CULTIVATED

DENSE CROP

X 1135.2 X 1135.0 X 1133.5 X 1135.1 X 1128.8 X 1133.1 X 1131.8 X 1130.9 X 1131.5 X 1132.9 X 1131.6 X 1127.3 X 1129.9 X 1132.8 X 1129.0 X 1126.9 X 1127.2 X 1129.1 X 1127.2 X 1125.0 X 1124.8 X 1127.1 X 1127.2 X 1124.6 X 1125.4 X 1120.9 X 1120.4 X 1114.9 X 1119.0 X 1118.9 X 1119.1 X 1122.9 X 1123.2 X 1113.5 X 1117.7 X 1121.2 X 1120.8 X 1120.0 X 1120.7 X 1118.8 X 1114.3 X 1115.6 X 1109.5 X 1111.3 X 1112.9 X 1110.6 X 1108.8 X 1106.4 X 1111.8 X 1110.3 X 1110.7 X 1107.0 X 1110.2 X 1108.9 X 1107.2 X 1108.7

13 186 13 187 13 188 13 189 13 197 13 198

1110 1120 1130

LEGEND

PAVED ROAD	
UNPAVED ROAD	
TRAIL	
TREELINE	
FENCE	
DIKE	
CROP	
GUARDRAIL	
WATER LINE	
RAILROAD	
BUILDING	
POLE	
TREE	
SIGN	
SIGN	
POST	
MAILBOX	MB
LIGHT POLE	
MANHOLE	MH
PICTURE CENTER	1 2
LOCATED OBJECT	
LOCATED OBJECT	
LOCATED OBJECT	
PHOTO CONTROL POINT	
GDAC CONTROL POINT	
SPOT ELEVATION	X 621.6
INDEX CONTOUR	640
INTERMEDIATE CONTOUR	
INDEFINITE CONTOUR	
DEPRESSION CONTOUR	

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

T4N T3N R7W R6W T3N T2N T2N T1N T1S T1S T2S

CENTRAL ARIZONA PROJECT CAP

TONOPAH

SOUTH PIMA

						1	2					
						3	4					
				5	6	7	8	9	10			
			11	12	13	14	15	16	17	18		
		19	20	21	22	23	24	25	26	27	28	
29	30	31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	51		
52	53	54	55	56	57	58	59	60	61	62		
63	64	65	66	67	68	69		71	72	73		
74	75	76	77	78	79	80	81	82	83	84		
85	86	87	88	89	90	91	92	93	94	95		
96	97	98	99	100	101	102	103	104	105	106		
						107	108	109	110	111		
						112	113	114	115	116		
						117	118	119	120	121		
				122	123	124	125	126	127	128		
			129	130	131	132	133	134	135			
		136	137	138	139	140	141	142				
		143	144	145	146	147	148	149				
			150	151	152	153	154	155	156			
			157	158	159	160	161	162	163	164		
		165	166	167	168	169	170	171	172			

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 9/30/08 ARIZONA U.S.A. Expires 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 70 OF 172

MATCH SHEET 69 MATCH SHEET 71 MATCH SHEET 81 MATCH SHEET 82

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

200' 0' 200' 400'

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

WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 60

E 405,000 E 406,000 E 407,000 E 408,000 E 409,000 E 410,000

N 914,000 N 913,000 N 912,000

CULTIVATED

SCATTERED BRUSH

PROPANE TANK

GRAVEL PIT

CAMELBACK ST

CROPLINE

SIPHON

PIPELINE

RET. WALL

143RD AVE

147TH AVE

COURTLE WASH

RUIN / DEBRI

PROPANE

MATCH SHEET 70

MATCH SHEET 72

MATCH SHEET 82

MATCH SHEET 83

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CENTRAL ARIZONA PROJECT CAP

SALOME HWY

TONOPAH

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT

9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

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

WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS

NO.	REVISION	BY	DATE

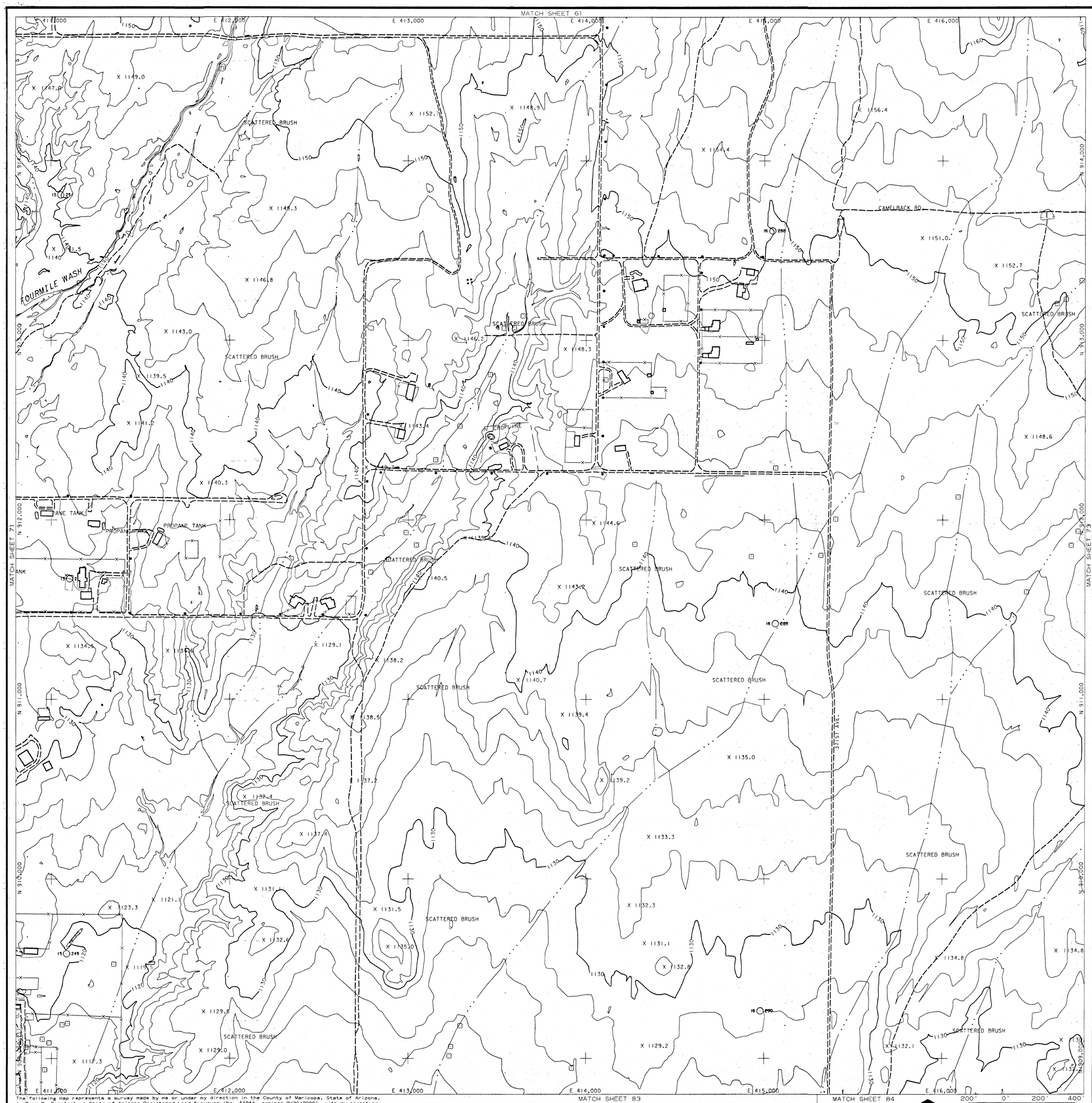
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

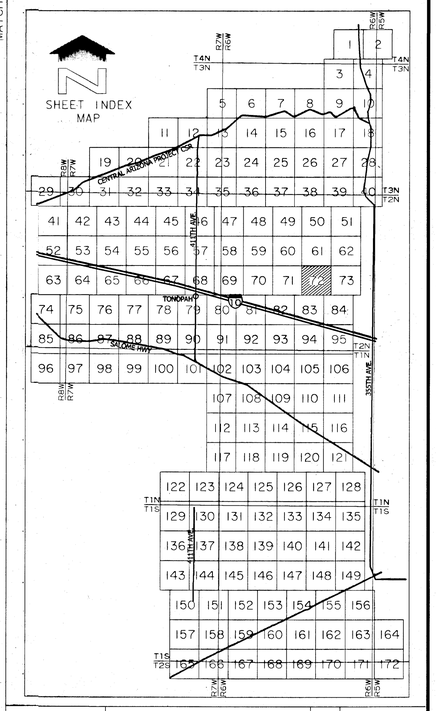


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 9-30-08 ARIZONA U.S.A.

EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 72 OF 172

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 62

E 417.000 E 418.000 E 419.000 E 420.000 E 421.000 E 422.000

N 914.000 N 913.000 N 912.000 N 911.000 N 910.000 N 909.000

MATCH SHEET 72

MATCH SHEET 84

X 1158.4 X 1156.4 X 1157.3 X 1156.6 X 1148.8 X 1147.0 X 1146.9 X 1142.3 X 1141.0 X 1139.3 X 1139.1 X 1142.7 X 1133.0

CAMELBACK RD

UTILITY SCAR

1160 1150 1140 1130

LUKE WASH & ARLINGTON AREA
DRAINAGE MASTER PLAN
F.C.D. CONTRACT NO. 04-48

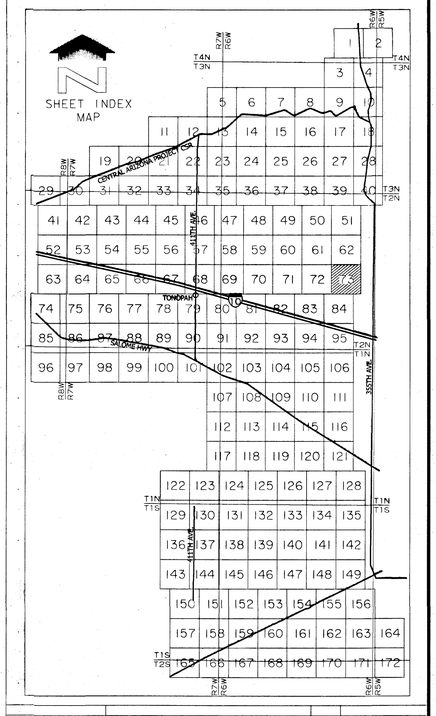
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER (2)
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

200' 0' 200' 400

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 73 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT — EXPIRES 9/30/09

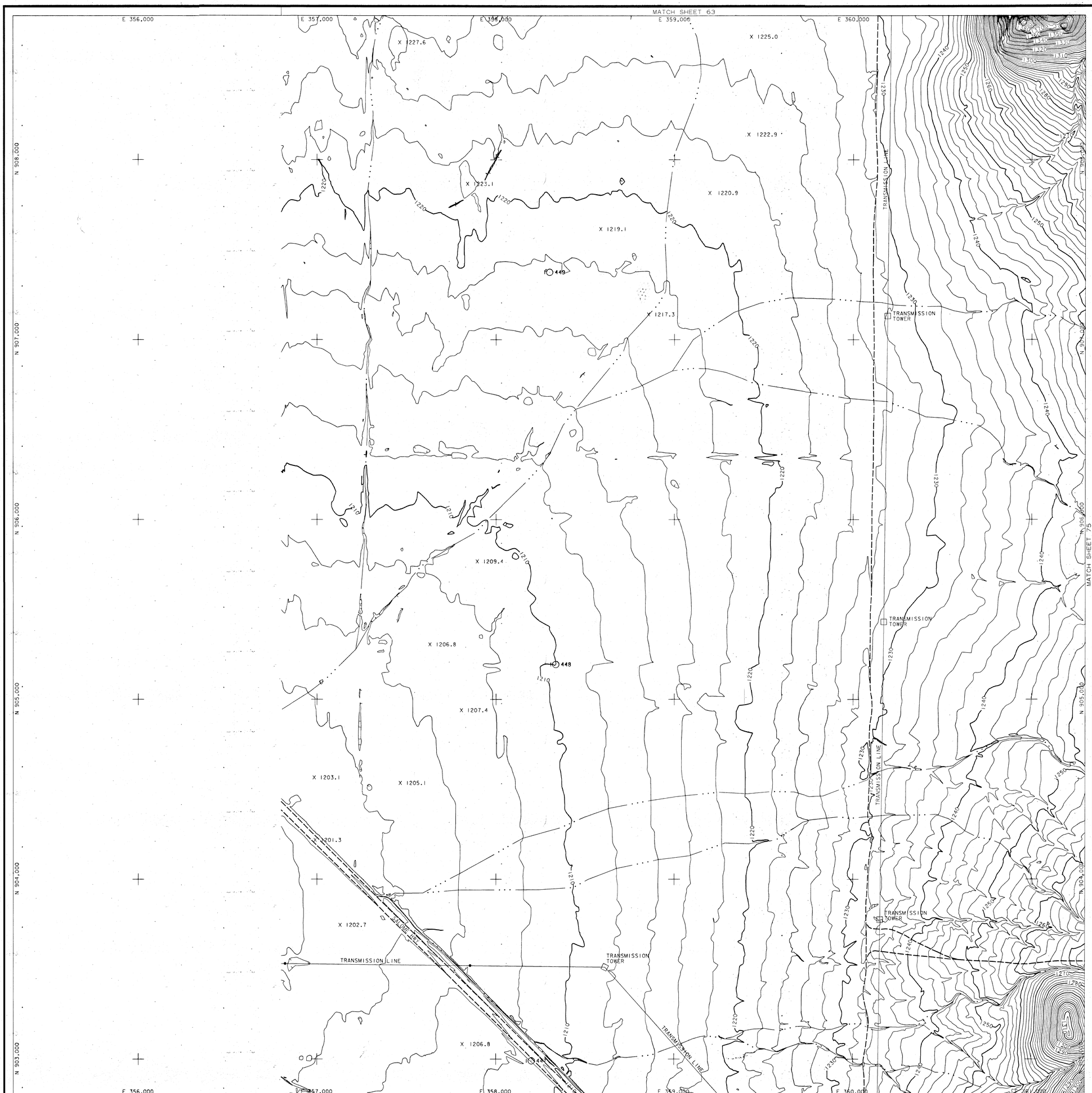
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.3' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

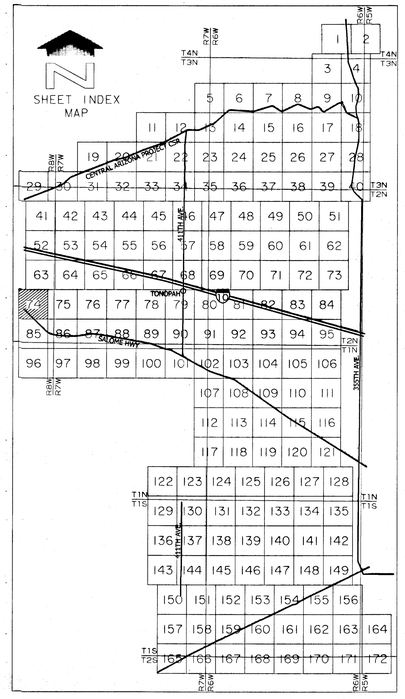


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-12-08 ARIZONA, U.S.A.

EXPIRES 9/30/09

WILSON & COMPANY

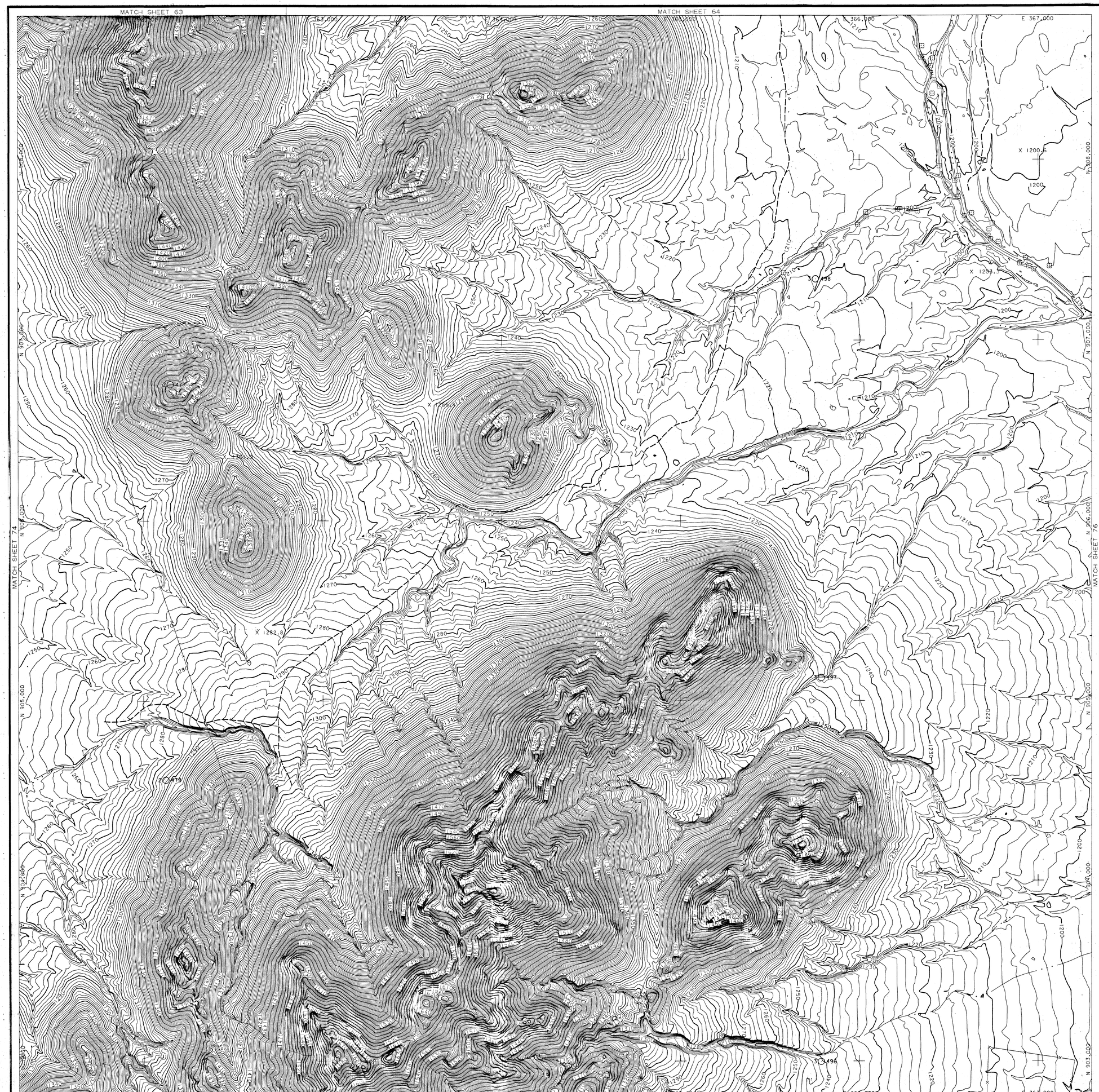
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 74 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

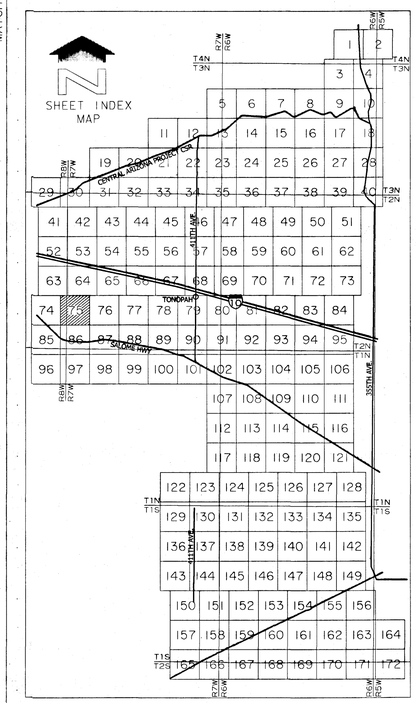


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX — MB
- LIGHT POLE
- MANHOLE — MH
- PICTURE CENTER — 1 2
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION — X 621.6
- INDEX CONTOUR — 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona.
I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
44944
RYAN R. BRANFORT
Date Signed 9-30-08
ARIZONA, U.S.A.
EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 75 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 64

MATCH SHEET 65

MATCH SHEET 75

MATCH SHEET 77

MATCH SHEET 87

E 368,000 E 369,000 E 370,000 E 371,000 E 372,000 E 373,000

N 908,000 N 907,000 N 906,000 N 905,000 N 904,000 N 903,000

443RD AVE.

X 1193.4 X 1186.6 X 1180.9 X 1183.2 X 1179.3 X 1178.6 X 1176.7 X 1175.2 X 1188.5 X 1181.2 X 1179.6 X 1180.3 X 1168.6 X 1167.0 X 1167.4 X 1165.1 X 1161.2 X 1159.1 X 1158.4 X 1158.6 X 1150.6

530

531

LANDING STRIP

STOCKPILES

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER 1 2
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CENTRAL ARIZONA PROJECT CAP

TONOPAH

SALOME HWY

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT — EXPIRES 9/30/09

WILSON &COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 76 OF 111

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

MATCH SHEET 65

MATCH SHEET 66

MATCH SHEET 76

MATCH SHEET 78

MATCH SHEET 88

E 374,000 E 375,000 E 376,000 E 377,000 E 378,000 E 379,000

N 908,000 N 907,000 N 906,000 N 905,000 N 904,000 N 903,000

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CENTRAL ARIZONA PROJECT CAP

SALOME HWY

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

44944 RYAN R. BRANFORT REGISTERED LAND SURVEYOR CERTIFICATE NO. EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 77 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 66

MATCH SHEET 67

MATCH SHEET 77

MATCH SHEET 79

MATCH SHEET 89

E 380,000 E 381,000 E 382,000 E 383,000 E 384,000 E 385,000

N 908,000 N 907,000 N 906,000 N 905,000 N 904,000 N 903,000

INDIAN SCHOOL RD

CATTLE GUARD

424TH AVE

427TH AVE

EARLL DR

431ST AVE

CULTIVATED

SCATTERED BRUSH

X 1146.8 X 1143.0 X 1136.5 X 1126.8 X 1123.1 X 1136.6 X 1129.2 X 1126.9 X 1125.5 X 1119.3 X 1114.4 X 1129.3 X 1118.8 X 1116.8 X 1117.5 X 1114.7 X 1121.1 X 1117.5 X 1108.3

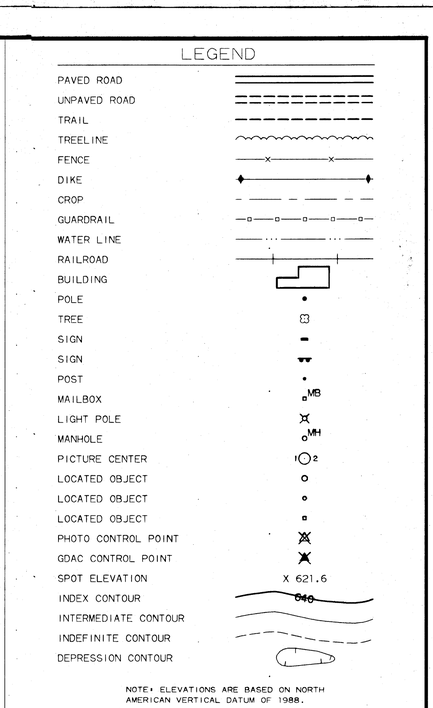
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

WILSON &COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 78 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT — EXPIRES 9/30/09

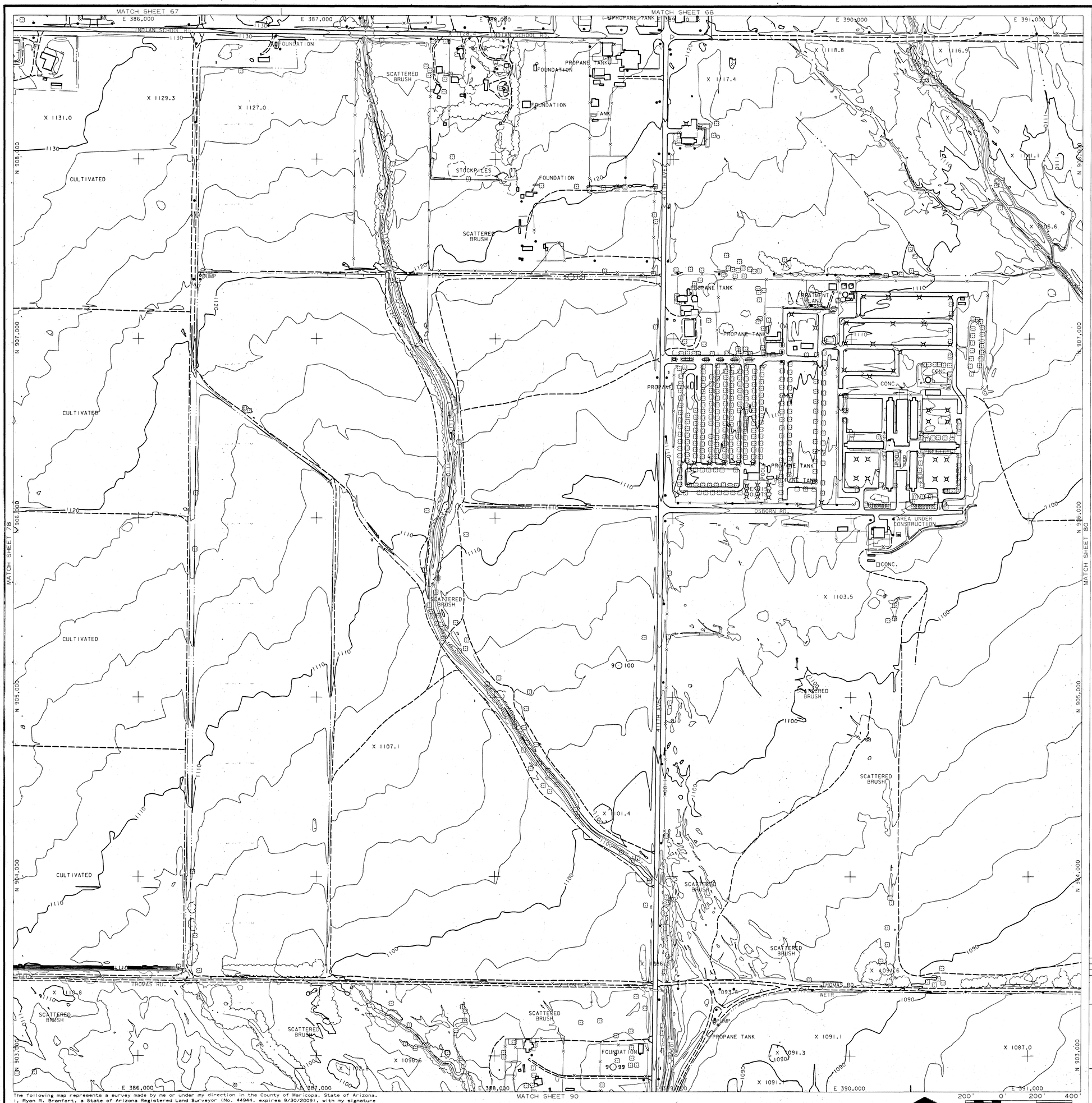
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY



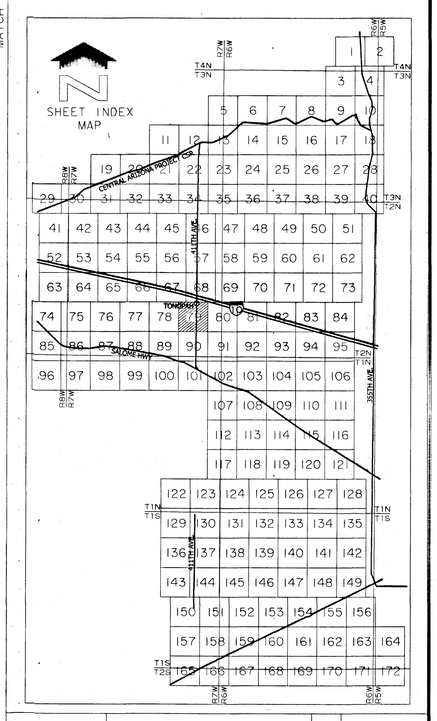
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 44944 — RYAN R. BRANFORT — ARIZONA U.S.A. — 9/30/09

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

WILSON & COMPANY

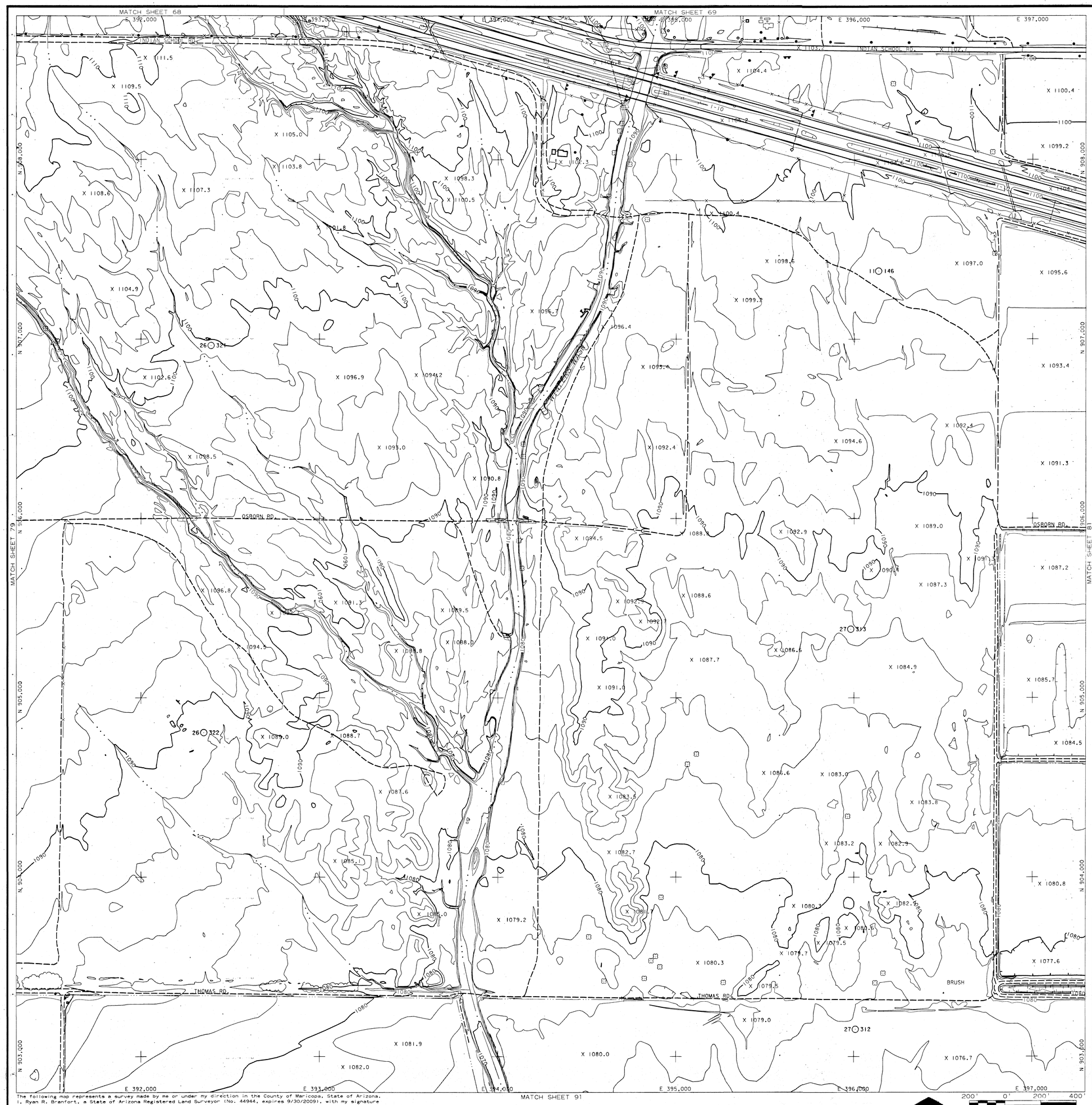
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 79 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

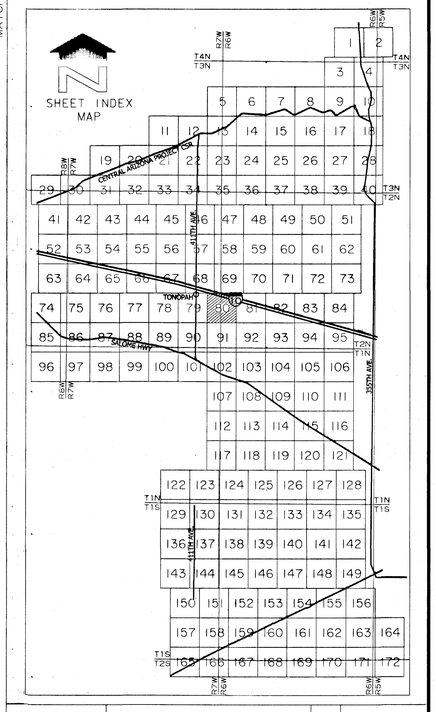


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
44944
RYAN R.
BRANFORT
Signed 6-26-08
ARIZONA, U.S.A.
EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 80 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

MATCH SHEET 69

MATCH SHEET 70

MATCH SHEET 80

MATCH SHEET 82

MATCH SHEET 92

E 398,000 E 399,000 E 400,000 E 401,000 E 402,000 E 403,000

N 908,000 N 907,000 N 906,000 N 905,000 N 904,000 N 903,000

INDIAN SCHOOL RD.

OSBORN RD.

FLOWER ST.

CHERRY LYNN RD.

EARLL DR.

AVALON DR.

CATALINA DR.

THOMAS RD.

CROPLINE

CULTIVATED

SCATTERED BRUSH

OBSCURE AREA

W.S. 1090.9

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CENTRAL ARIZONA PROJECT CAP

SALOME HWY

TONOPAH

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT

EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

200' 0' 200' 400'

WILSON & COMPANY

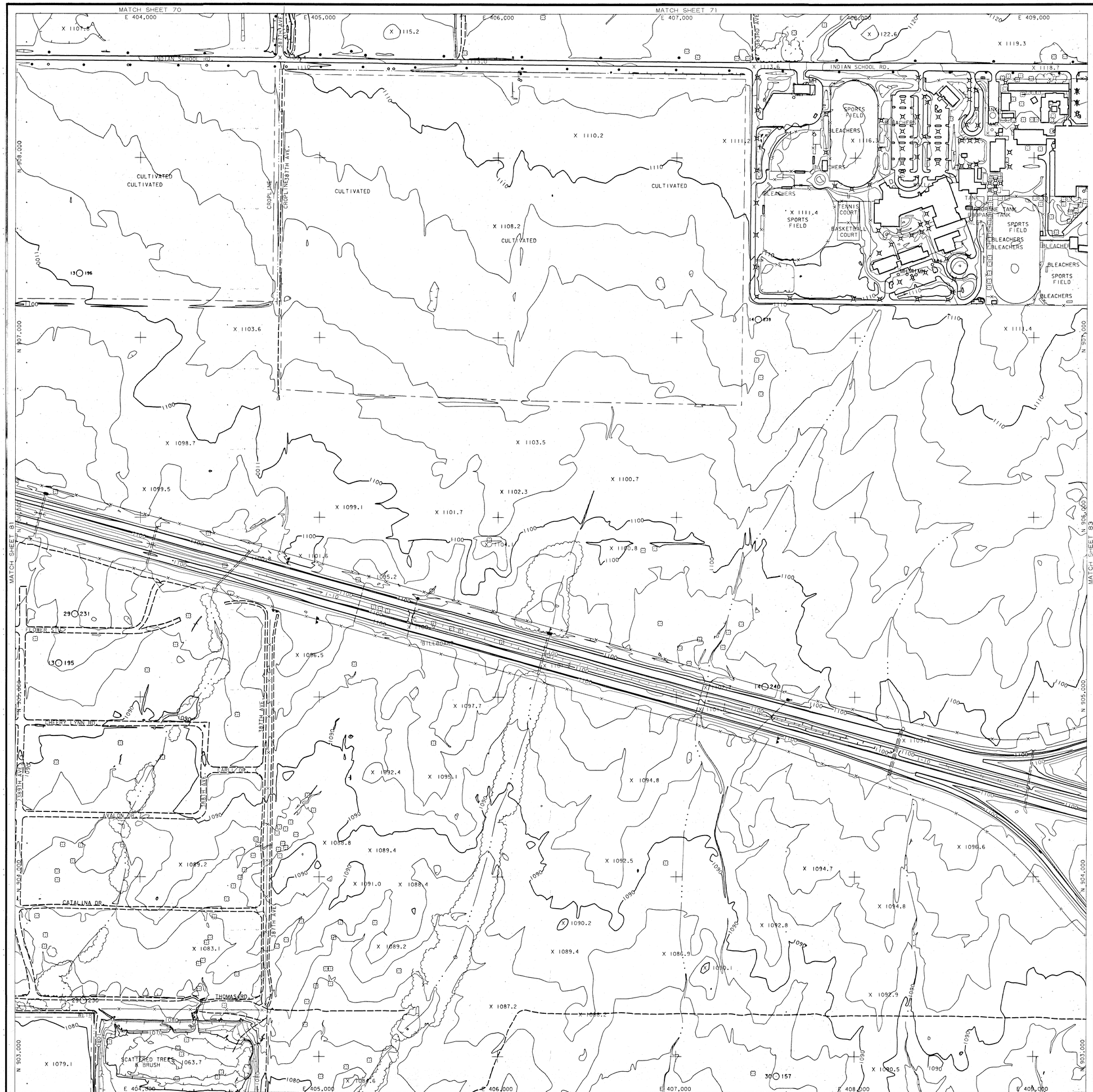
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 81 OF 172

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

WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY.

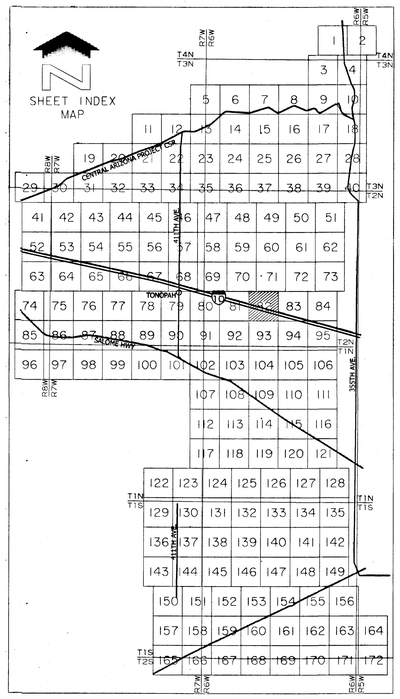


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 82 OF 172

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

E. Reeves 9/30/09

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 71

MATCH SHEET 72

MATCH SHEET 82

MATCH SHEET 84

MATCH SHEET 94

E 410.000 E 411.000 E 412.000 E 413.000 E 414.000 E 415.000

N 907.000 N 906.000 N 905.000 N 904.000 N 903.000

INDIAN SCHOOL RD.

PHOTO CONTROL POINT 4DL1
STAINLESS STEEL ROD IN SLEEVE,
0.27' BELOW SURFACE
N. 908442.58
E. 410259.38
Z. 1116.31

SCATTERED BRUSH

PROPANE TANK

WINTERBURG RD.

OSBORN RD.

FOURMILE WASH

CATTLE GUARD

375TH AVE.

TANK

I-10

TRUCK BYPASS

X 1117.0 X 1117.2 X 1124.1 X 1119.5 X 1125.0 X 1126.8 X 1124.5 X 1125.1 X 1124.9 X 1124.9 X 1122.8 X 1121.0 X 1122.7 X 1122.7 X 1122.8 X 1118.3 X 1111.3 X 1098.3 X 1109.2 X 1107.1 X 1111.2 X 1109.8 X 1110.7 X 1113.6 X 1102.8 X 1108.8 X 1109.0 X 1100.3 X 1095.0 X 1093.6 X 1092.9 X 1112.8 X 1107.1 X 1111.1 X 1109.7 X 1107.2 X 1100.9 X 1091.1 X 1105. X 1098.8

15 247 15 248 16 291 16 292 31 160 103.0

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
4DL1	1116.31	STAINLESS STEEL ROD IN SLEEVE, 0.27' BELOW SURFACE N: 908442.58 E: 410259.38

SHEET INDEX MAP

T4N T3N T2N T1N T1S T2S R5W R4W R3W R2W R1W R1E R2E R3E R4E R5E

CENTRAL ARIZONA PROJECT CAP | 44TH AVE. | TONOPAH | SALOME HWY. | 355TH AVE.

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A. EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 83 OF 172

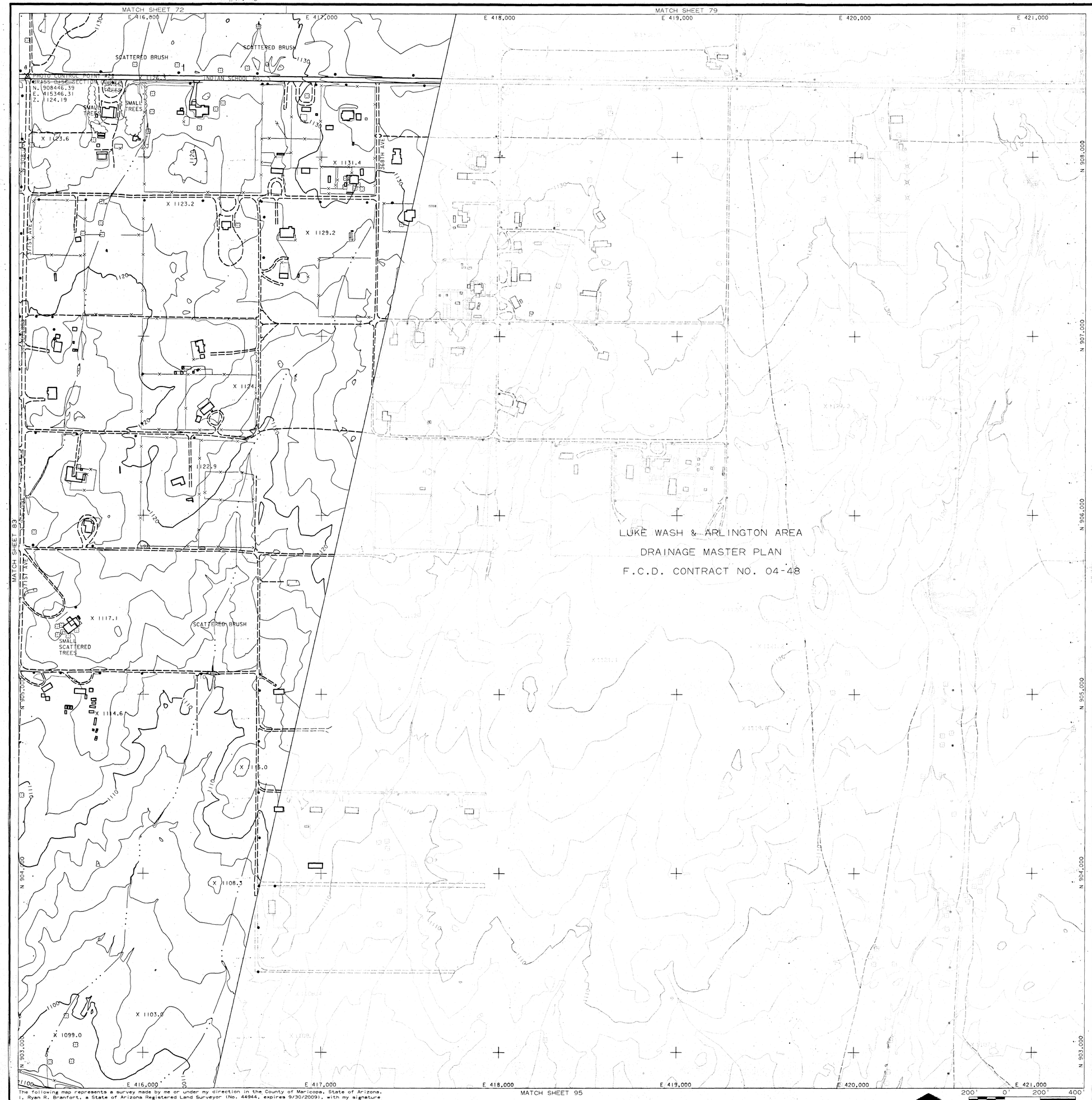
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY



LEGEND

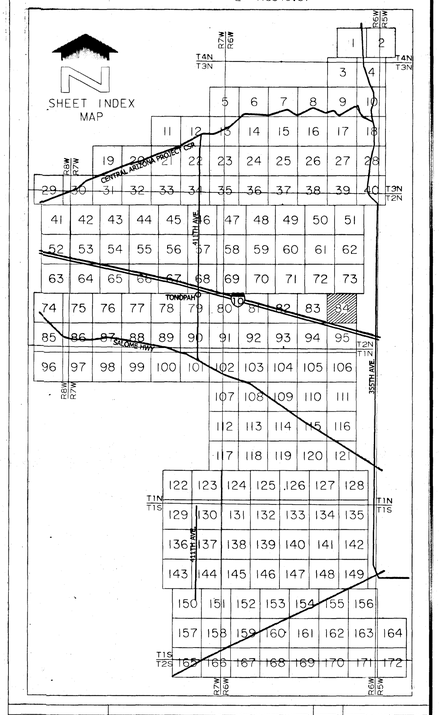
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER (1 2)
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
22	1124.19	BRASS DISC SECTION CORNER N: 908446.39 E: 415346.31



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 84 OF 111

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

EXPIRES 9/30/09

200' 0' 200' 400'

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel, aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 74

E 356,000 E 357,000 E 358,000 E 359,000 E 360,000 E 361,000

N 902,000 N 901,000 N 900,000 N 899,000 N 898,000 N 897,000

MATCH SHEET 96

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (640)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification; and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 44944 — RYAN R. BRANFORT — ARIZONA U.S.A.

EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1"=7200

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 85 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 75

MATCH SHEET 85

MATCH SHEET 87

MATCH SHEET 97

E 362,000 E 363,000 E 364,000 E 365,000 E 366,000 E 367,000

N 902,000 N 901,000 N 900,000 N 899,000 N 898,000 N 897,000

SALOME HWY

CATTLE GUARD

PHOTO CONTROL POINT 4C01
STAINLESS STEEL ROD IN SLEEVE
0.25' BELOW SURFACE
N: 899633.41
E: 361890.62
Z: 1249.41

TRANSMISSION TOWER

QUARRY

TANKS

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR (540)
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

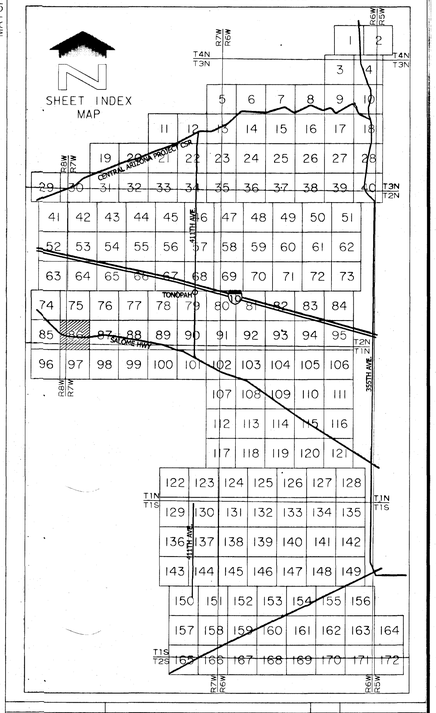
NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
4C01	1249.41	STAINLESS STEEL ROD IN SLEEVE, 0.25' BELOW SURFACE N: 899633.41 E: 361890.62

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
44944
RYAN R. BRANFORT
Expires 9-30-09

9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 86 OF 172

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 76

E 368,000 E 369,000 E 370,000 E 371,000 E 372,000 E 373,000

N 902,000 N 901,000 N 900,000 N 899,000 N 898,000 N 897,000

MATCH SHEET 86

MATCH SHEET 88

MATCH SHEET 98

SALOME HWY

CENTRAL ARIZONA PROJECT CAP

LEGEND

PAVED ROAD	
UNPAVED ROAD	
TRAIL	
TREELINE	
FENCE	
DIKE	
CROP	
GUARDRAIL	
WATER LINE	
RAILROAD	
BUILDING	
POLE	
TREE	
SIGN	
SIGN	
POST	
MAILBOX	MB
LIGHT POLE	
MANHOLE	MH
PICTURE CENTER	
LOCATED OBJECT	
LOCATED OBJECT	
LOCATED OBJECT	
PHOTO CONTROL POINT	
GDAC CONTROL POINT	
SPOT ELEVATION	X 621.6
INDEX CONTOUR	640
INTERMEDIATE CONTOUR	
INDEFINITE CONTOUR	
DEPRESSION CONTOUR	

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

200' 0' 200' 400'

REGISTERED LAND SURVEYOR CERTIFICATE 44944 RYAN R. BRANFORT ARIZONA, U.S.A.

EXPIRES 9/30/09

WILSON &COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 87 OF 172

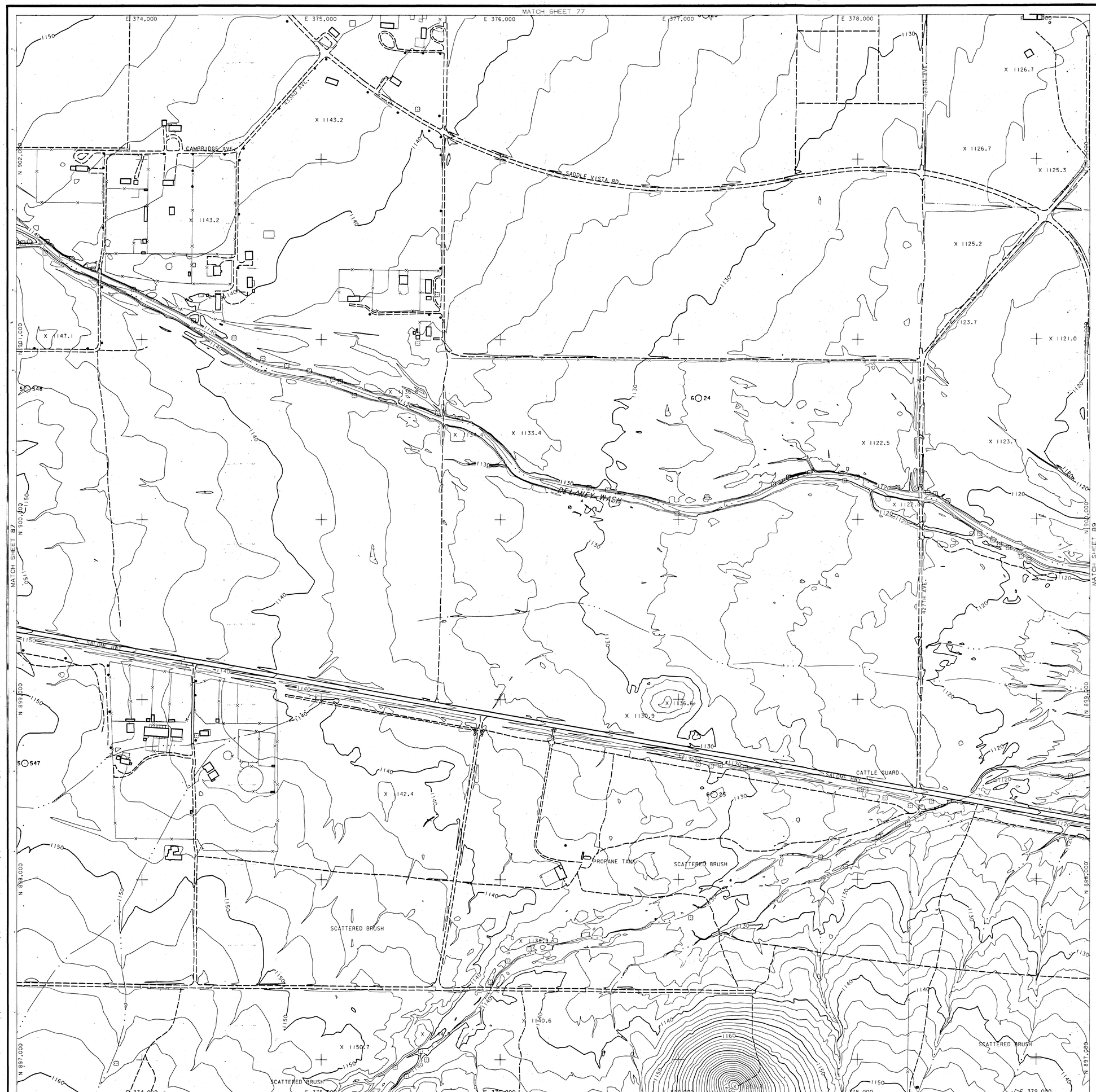
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

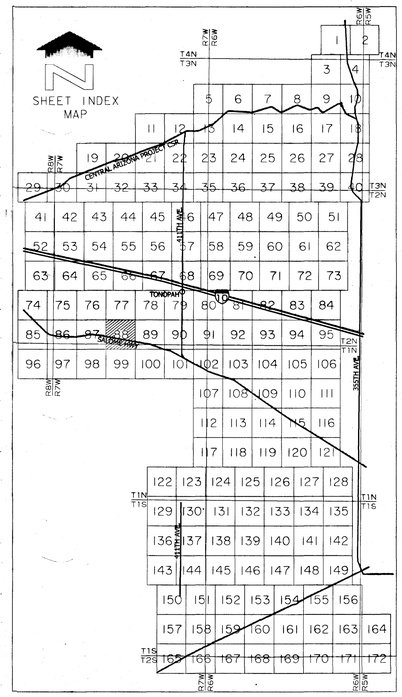


LEGEND

PAVED ROAD	
UNPAVED ROAD	
TRAIL	
TREELINE	
FENCE	
DIKE	
CROP	
GUARDRAIL	
WATER LINE	
RAILROAD	
BUILDING	
POLE	
TREE	
SIGN	
SIGN	
POST	
MAILBOX	MB
LIGHT POLE	
MANHOLE	MH
PICTURE CENTER	1 2
LOCATED OBJECT	
LOCATED OBJECT	
LOCATED OBJECT	
PHOTO CONTROL POINT	
GDAC CONTROL POINT	
SPOT ELEVATION	X 621.6
INDEX CONTOUR	640
INTERMEDIATE CONTOUR	
INDEFINITE CONTOUR	
DEPRESSION CONTOUR	

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona.
I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA, U.S.A.

EXPIRES 9/30/09

WILSON & COMPANY

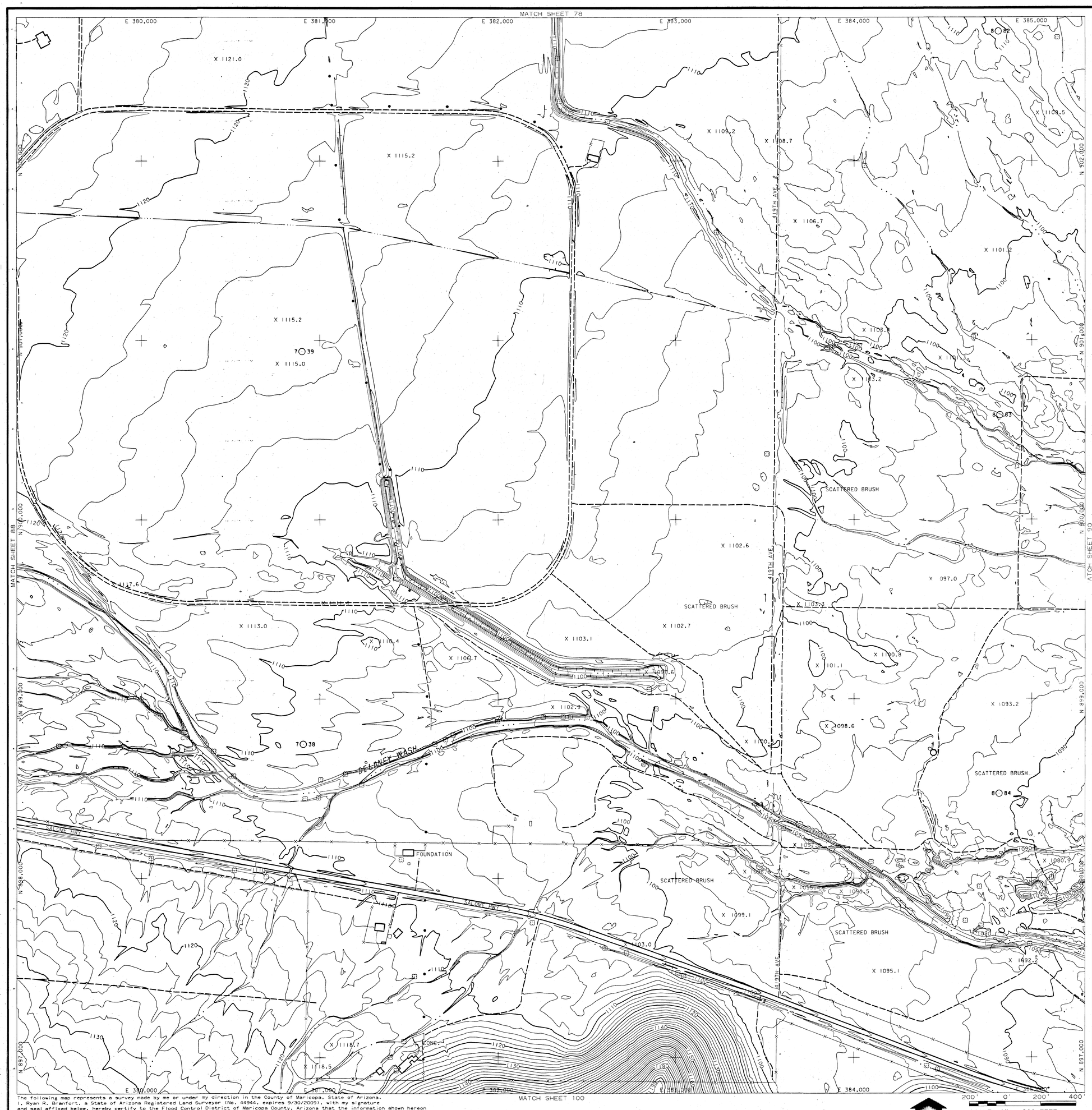
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 88 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

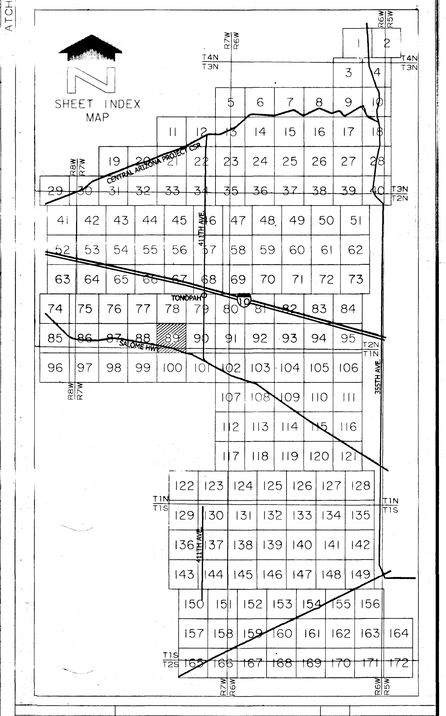


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER (1 2)
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 89 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-06-08 ARIZONA, U.S.A.

EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona.
I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

MATCH SHEET 79

MATCH SHEET 89

MATCH SHEET 91

MATCH SHEET 101

E 386,000 E 387,000 E 388,000 E 389,000 E 390,000 E 391,000

N 902,000 N 901,000 N 900,000 N 899,000 N 898,000 N 897,000

SCATTERED BRUSH
BRUSH
CULTIVATED
CROPLINE
41TH AVE
MCDOWELL RD.

X 1104.9 X 1103.4 X 1100.8 X 1100.8 X 1095.5 X 1094.2 X 1092.8 X 1088.1 X 1088.3 X 1084.4 X 1083.9 X 1081.0 X 1080.8 X 1078.8 X 1087.0 X 1074.2 X 1089.5 X 1087.4 X 1084.3 X 1082.6 X 1081.4 X 1081.6 X 1080.4 X 1080.0 X 1080.7 X 1078.3 X 1073.4 X 1073.6 X 1075.3 X 1076.0 X 1076.0

9 98 9 97

1090 1100 1080 1070 1060

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER 1 2
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

SHEET INDEX MAP

CENTRAL ARIZONA PROJECT CAP
SALOME HWY
TONOPAH
41TH AVE
T4N T3N T2N T1N T1S T2S
R2W R1W R1E R2E R3E R4E R5E R6E R7E R7W R6W R5W R4W R3W

							1	2				
							3	4				
					5	6	7	8	9	10		
			11	12	13	14	15	16	17	18		
		19	20	21	22	23	24	25	26	27	28	
29	30	31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	51		
52	53	54	55	56	57	58	59	60	61	62		
63	64	65	66	67	68	69	70	71	72	73		
74	75	76	77	78	79	80	81	82	83	84		
85	86	87	88	89	90	91	92	93	94	95		
96	97	98	99	100	101	102	103	104	105	106		
						107	108	109	110	111		
						112	113	114	115	116		
						117	118	119	120	121		
					122	123	124	125	126	127	128	
				129	130	131	132	133	134	135		
			136	137	138	139	140	141	142			
			143	144	145	146	147	148	149			
		150	151	152	153	154	155	156				
		157	158	159	160	161	162	163	164			
		165	166	167	168	169	170	171	172			

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT — EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1"=200'

200' 0' 200' 400'

WILSON &COMPANY

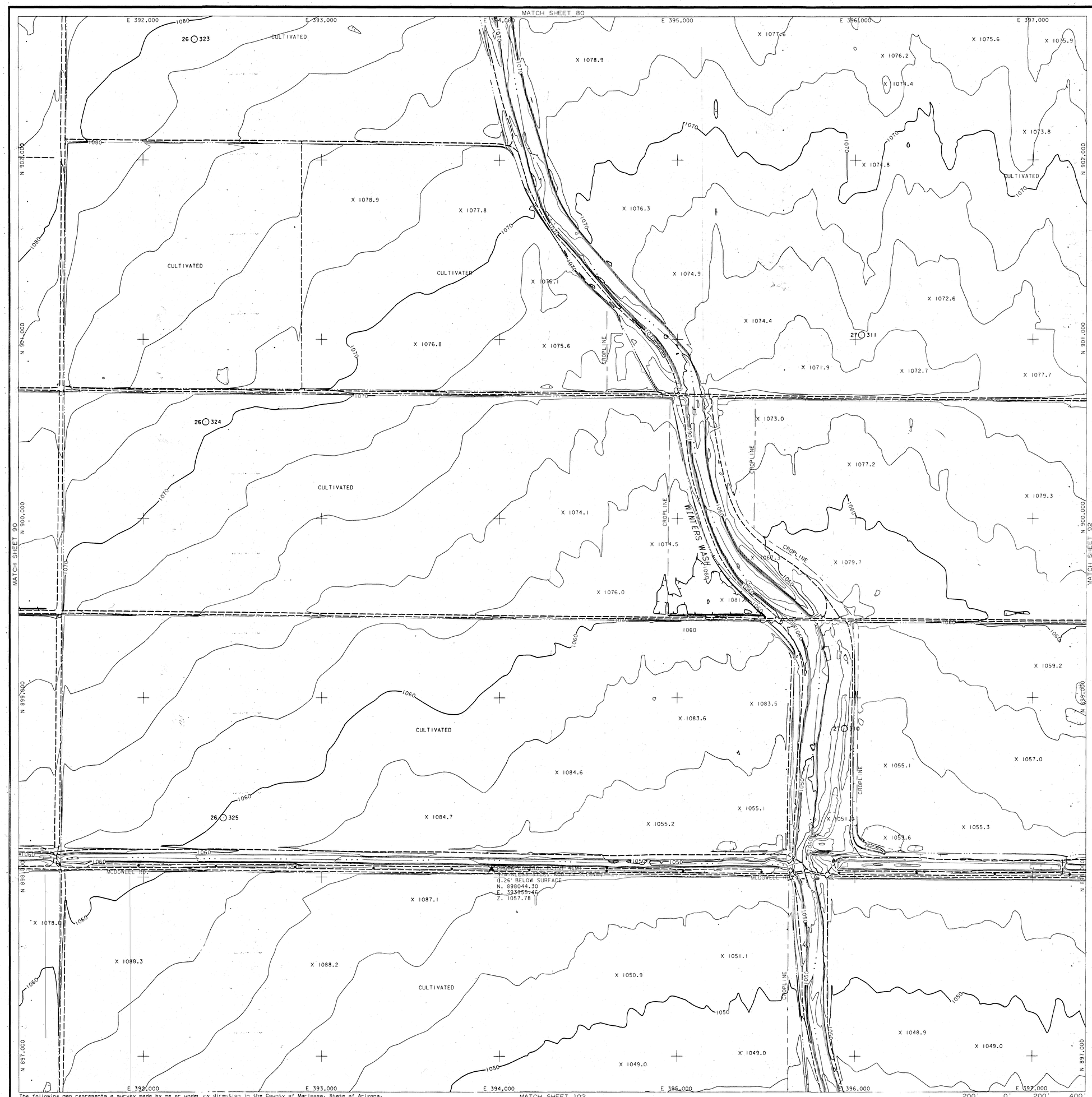
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 90 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY



LEGEND

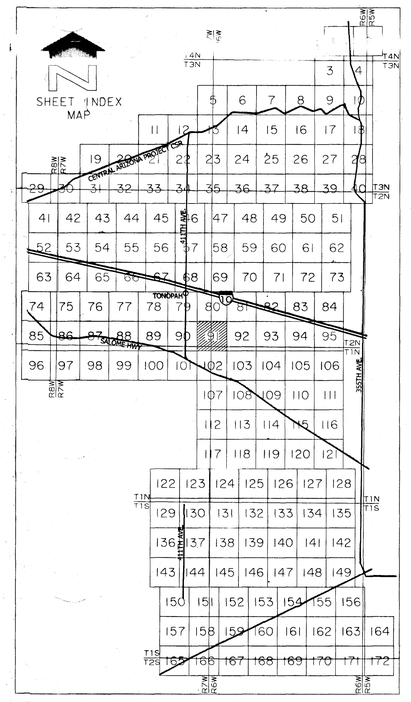
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX — MB
- LIGHT POLE
- MANHOLE — MH
- PICTURE CENTER — 1 2
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION — X 621.6
- INDEX CONTOUR — 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
4CM1	1057.78	STAINLESS STEEL ROD IN SLEEVE, 0.26' BELOW SURFACE N: 898044.30 E: 393955.46



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 91 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

EXPIRES 9/30/09

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

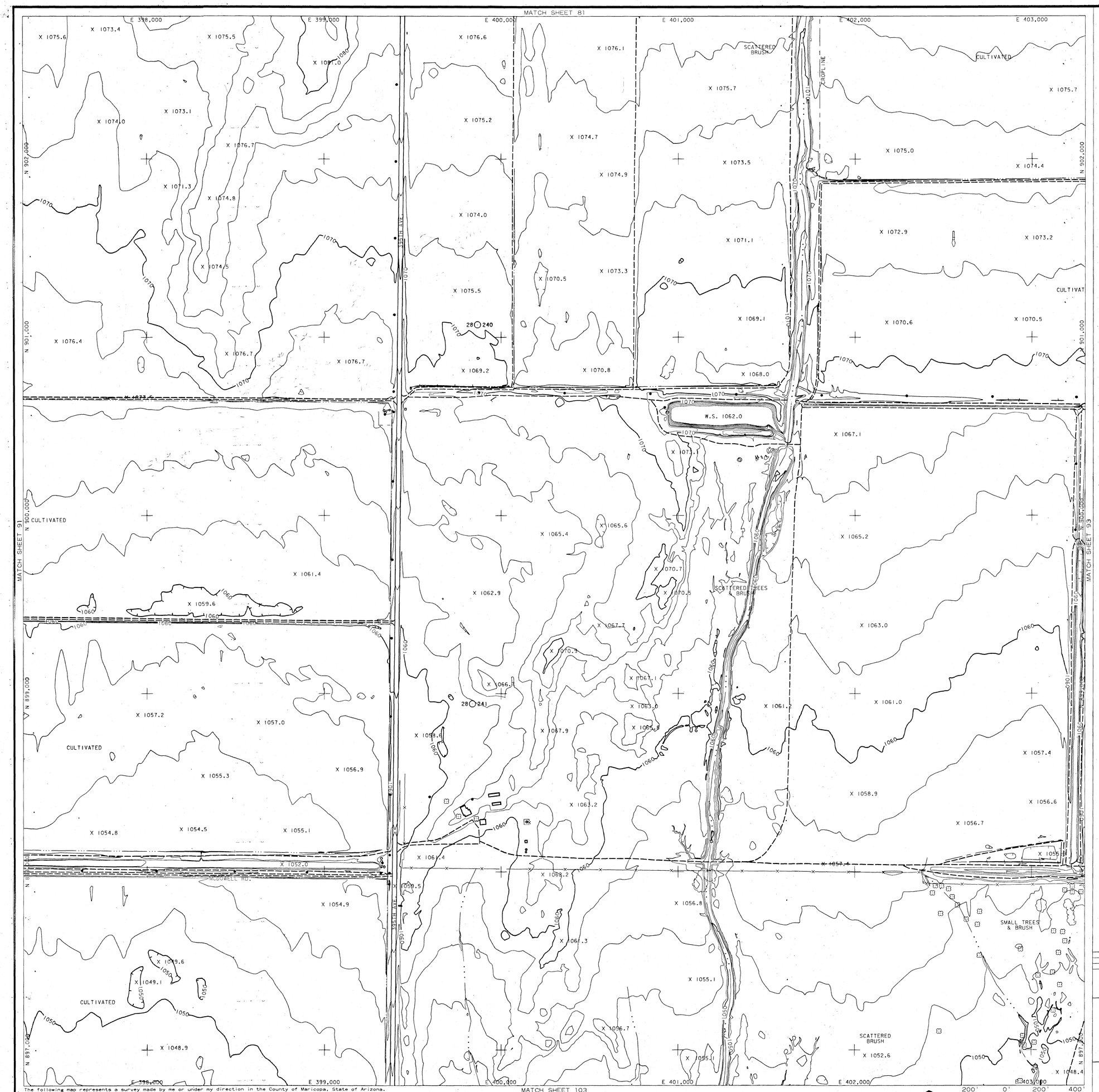
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

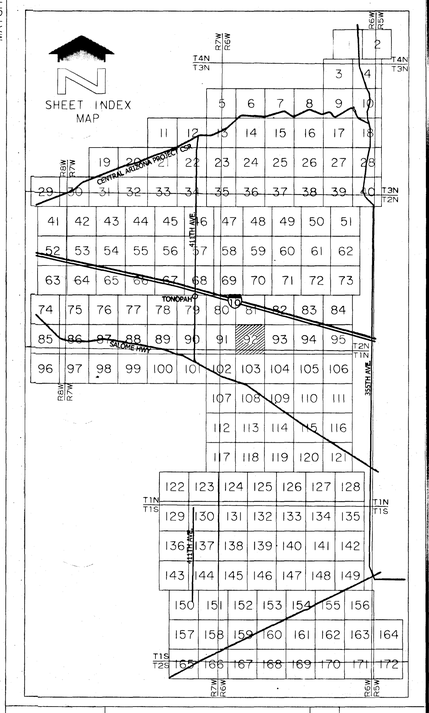


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona.
I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.
Exp. Rec 9/30/09

WILSON & COMPANY

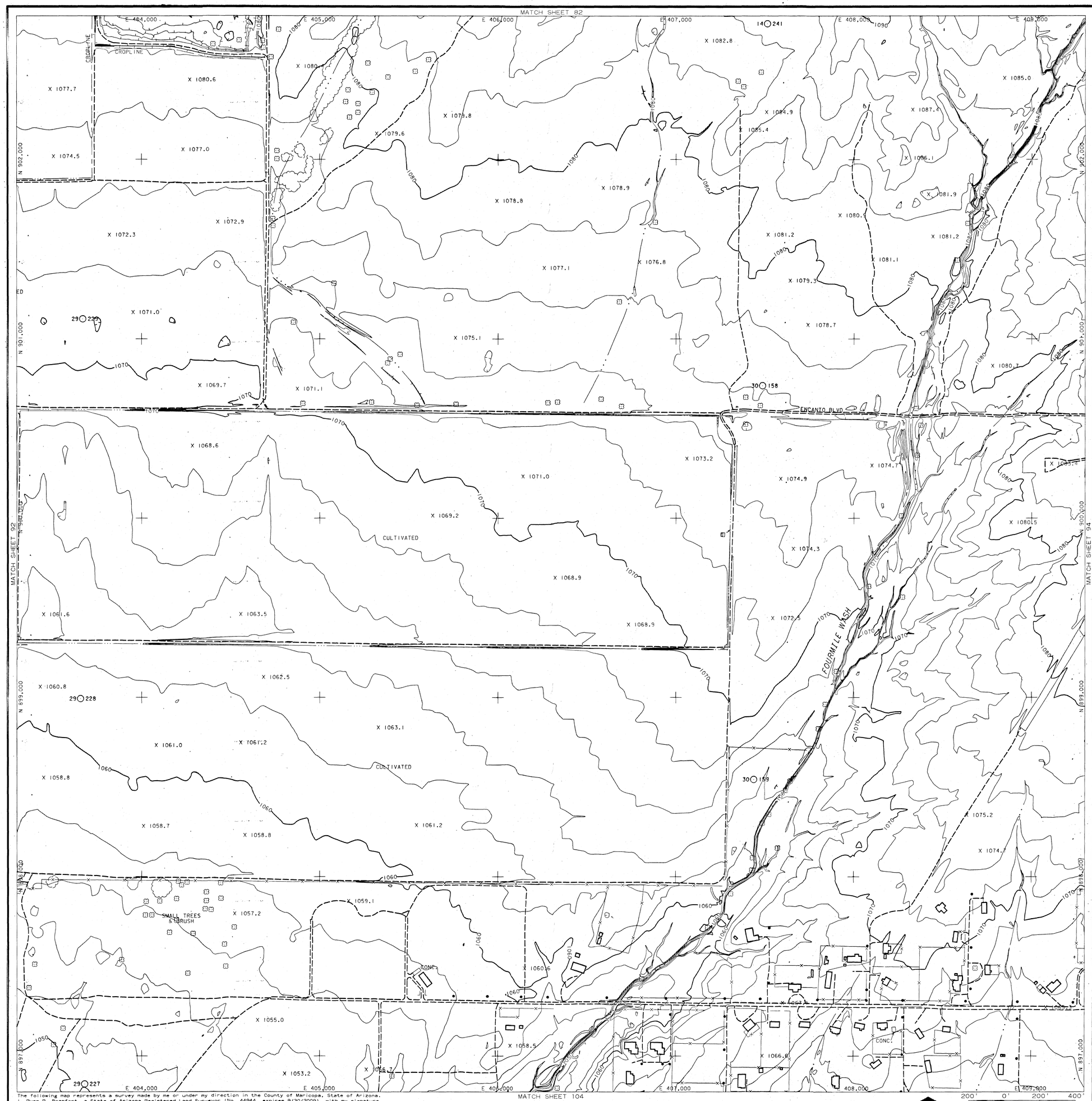
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 92 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

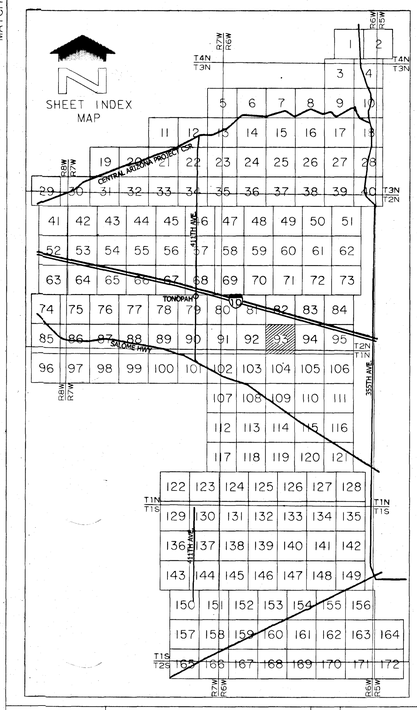


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-20-08 ARIZONA, U.S.A. EXPIRES 9/30/09

WILSON & COMPANY

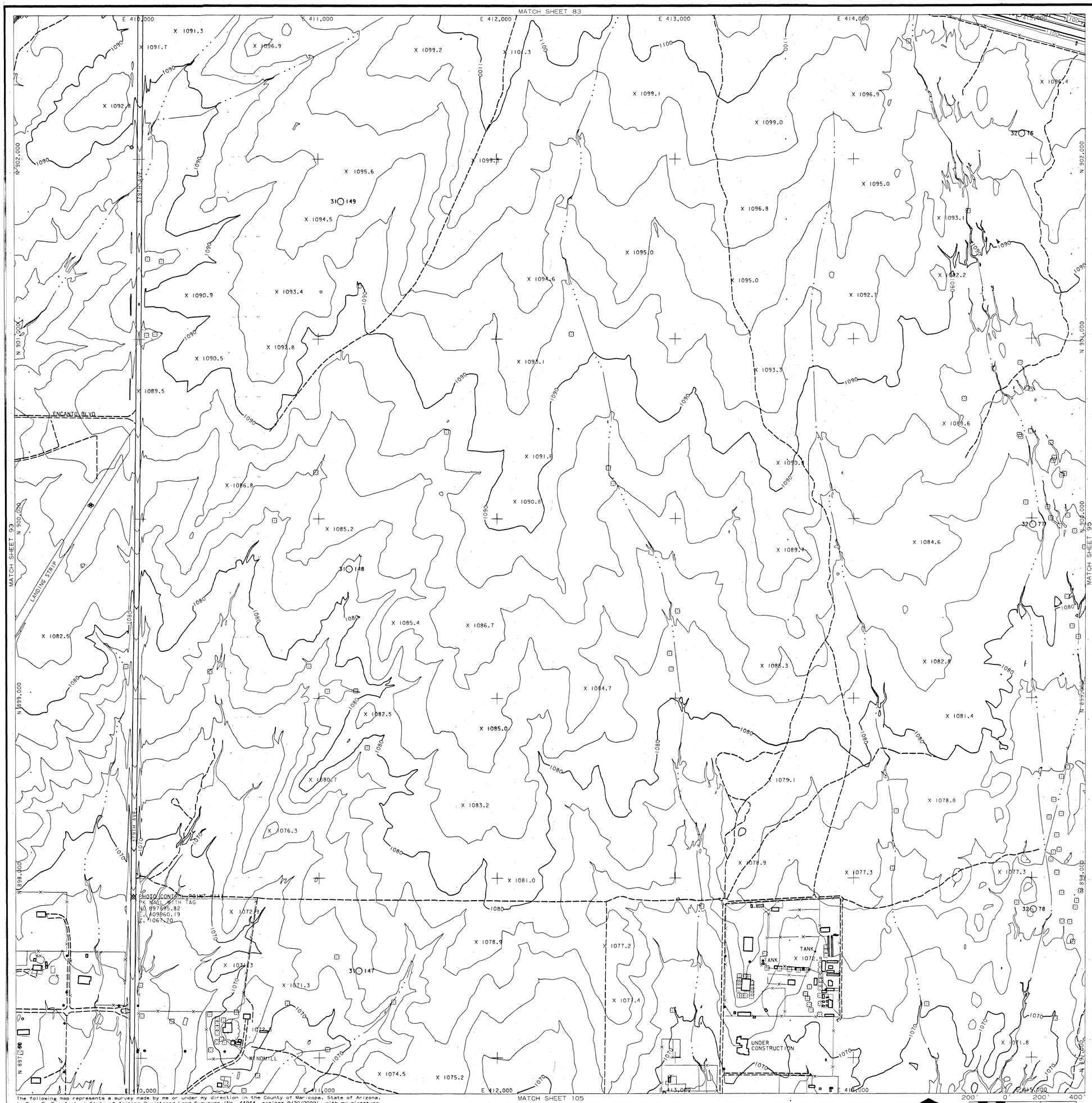
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 93 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY



LEGEND

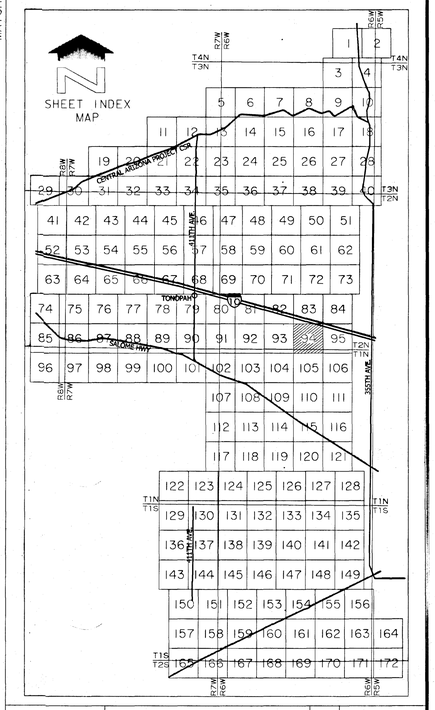
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER (1 2)
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
111	1067.70	PK NAIL WITH TAG N: 897895.82 E: 409960.19



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Date Signed 6-30-08 ARIZONA U.S.A.
EXPIRES 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 94 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 84

E 416,000 E 417,000 E 418,000 E 419,000 E 420,000 E 421,000

N 902,000 N 901,000 N 900,000 N 899,000 N 898,000 N 897,000

MATCH SHEET 94

MATCH SHEET 106

LUKE WASH & ARLINGTON AREA
DRAINAGE MASTER PLAN
F.C.D. CONTRACT NO. 04-48

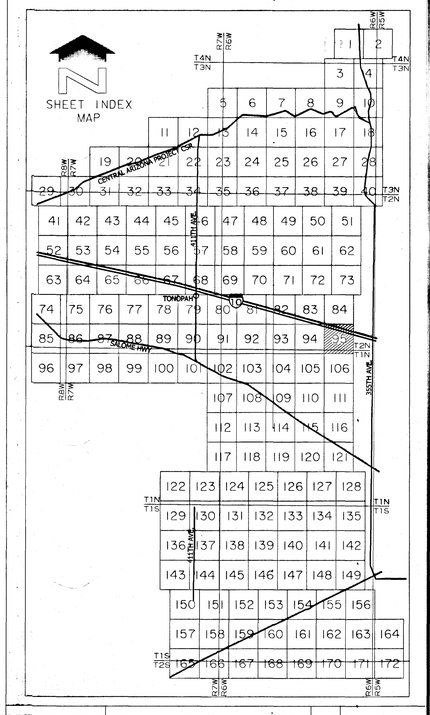
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX (MB)
- LIGHT POLE
- MANHOLE (MH)
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION (X 621.6)
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 ,INTERNATIONAL FEET.

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON &COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 95 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT Expires 9/30/09 ARIZONA U.S.A.

EXP. 9/30/09

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 85

LEGEND

PAVED ROAD	
UNPAVED ROAD	
TRAIL	
TREELINE	
FENCE	
DIKE	
CROP	
GUARDRAIL	
WATER LINE	
RAILROAD	
BUILDING	
POLE	
TREE	
SIGN	
SIGN	
POST	
MAILBOX	MB
LIGHT POLE	
MANHOLE	MH
PICTURE CENTER	2
LOCATED OBJECT	
LOCATED OBJECT	
LOCATED OBJECT	
PHOTO CONTROL POINT	
GDAC CONTROL POINT	
SPOT ELEVATION	X 621.6
INDEX CONTOUR	640
INTERMEDIATE CONTOUR	
INDEFINITE CONTOUR	
DEPRESSION CONTOUR	

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
109	1451.71	SET 5/8" REBAR WITH ALUMINUM CAP FLUSH WITH GROUND N: 893097.14 E: 358420.50

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA, U.S.A. Date Signed 6-6-08

EXPIRES 9/30/09

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 96 OF 172

200' 0' 200' 400'

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

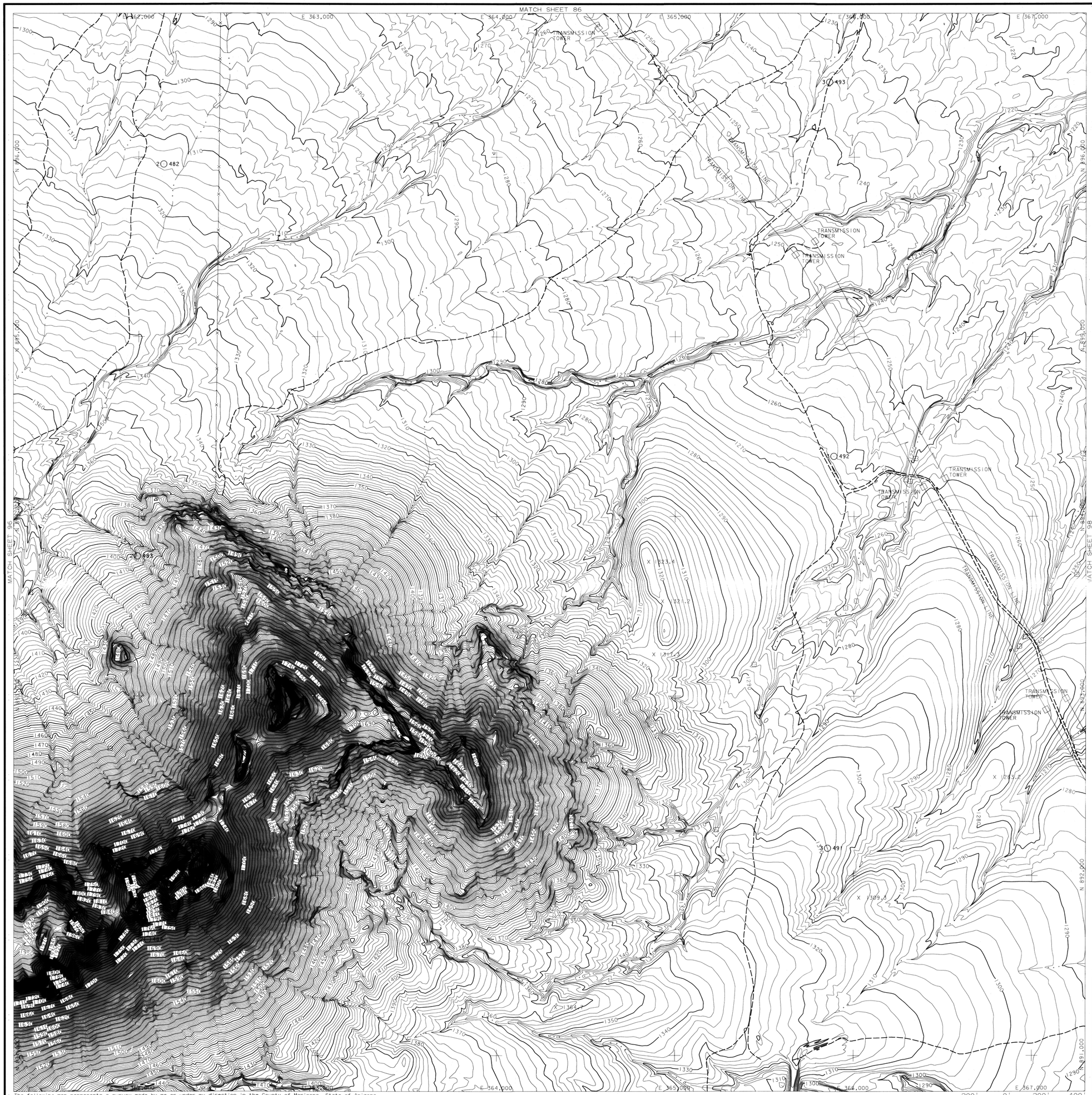
The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY

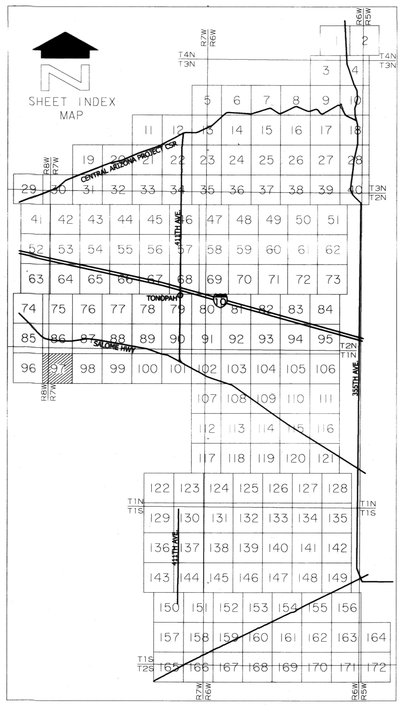


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX — MB
- LIGHT POLE
- MANHOLE — MH
- PICTURE CENTER — 1 2
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION — X 621.6
- INDEX CONTOUR — 640
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA, U.S.A.
EXPIRES 9/30/09

WILSON & COMPANY

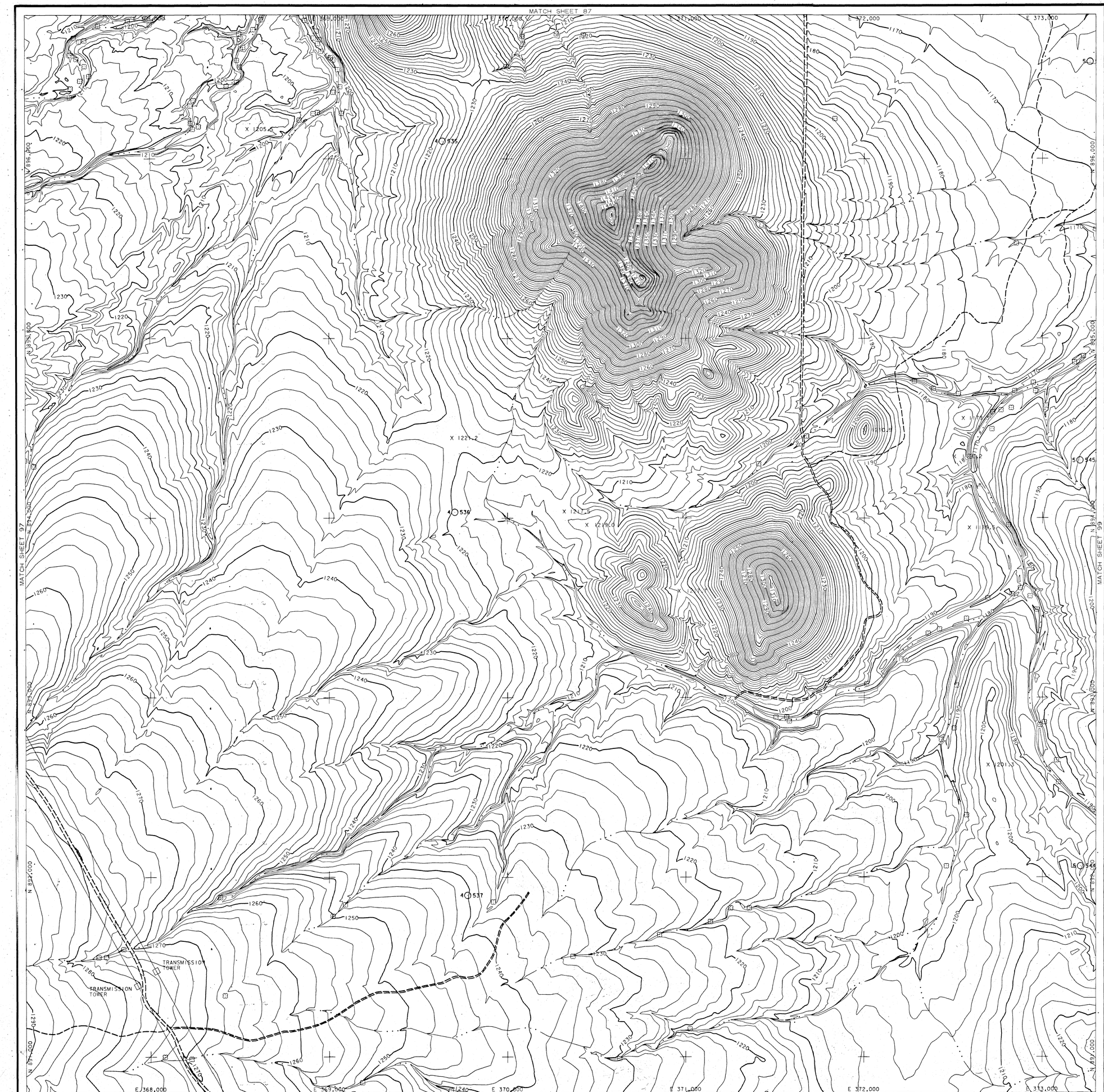
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 97 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

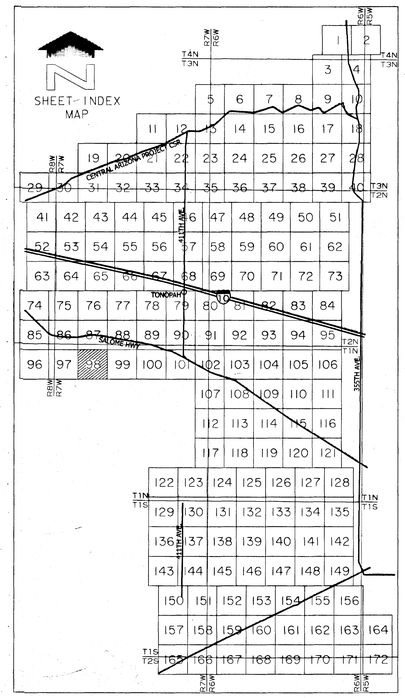


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 98 OF 172

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

EXPIRES 9/30/09

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

MATCH SHEET 88

MATCH SHEET 98

MATCH SHEET 100

MATCH SHEET 99

SCATTERED BRUSH

E 374,000 E 375,000 E 376,000 E 377,000 E 378,000 E 379,000

N 896,000 N 895,000 N 894,000 N 893,000 N 892,000 N 891,000

X 1153.2 X 1163.6 X 1186.8 X 1185.0 X 1195.3 X 1214.4 X 1234.6 X 1232.1 X 1231.1 X 1240.7 X 1204.2

LEGEND

PAVED ROAD	
UNPAVED ROAD	
TRAIL	
TREELINE	
FENCE	
DIKE	
CROP	
GUARDRAIL	
WATER LINE	
RAILROAD	
BUILDING	
POLE	
TREE	
SIGN	
SIGN	
POST	
MAILBOX	MB
LIGHT POLE	
MANHOLE	MH
PICTURE CENTER	2
LOCATED OBJECT	
LOCATED OBJECT	
LOCATED OBJECT	
PHOTO CONTROL POINT	
GDAC CONTROL POINT	
SPOT ELEVATION	X 621.6
INDEX CONTOUR	640
INTERMEDIATE CONTOUR	
INDEFINITE CONTOUR	
DEPRESSION CONTOUR	

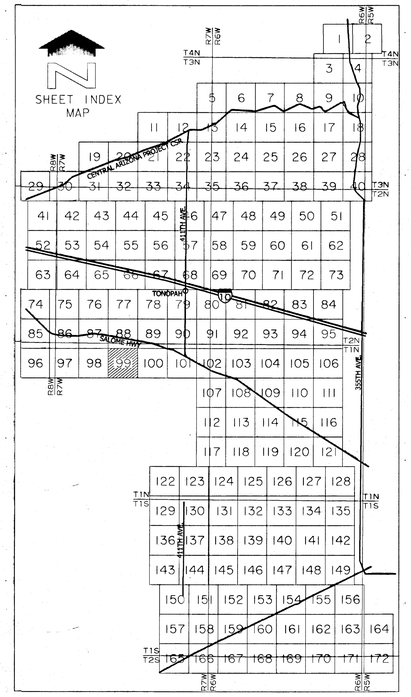
NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

ADDITIONAL PHOTO CONTROL POINT

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
110	1247.07	SET 5/8" REBAR WITH ALUMINUM CAP FLUSH WITH GROUND N: 890735.65 E: 374825.50

SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona. I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 44944 RYAN R. BRANFORT ARIZONA U.S.A.

Exp. 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 99 OF 172

200 0' 200' 400'

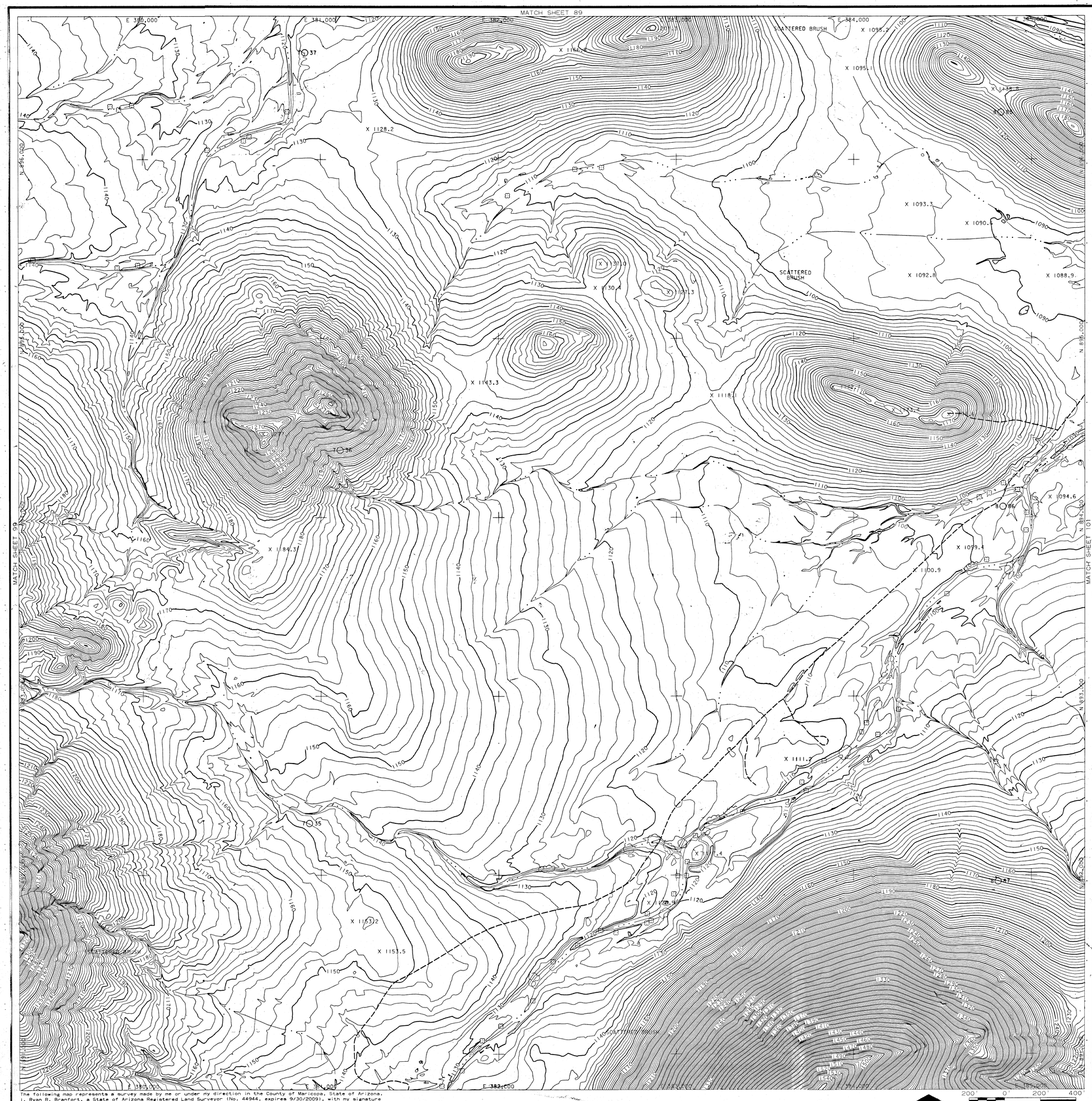
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

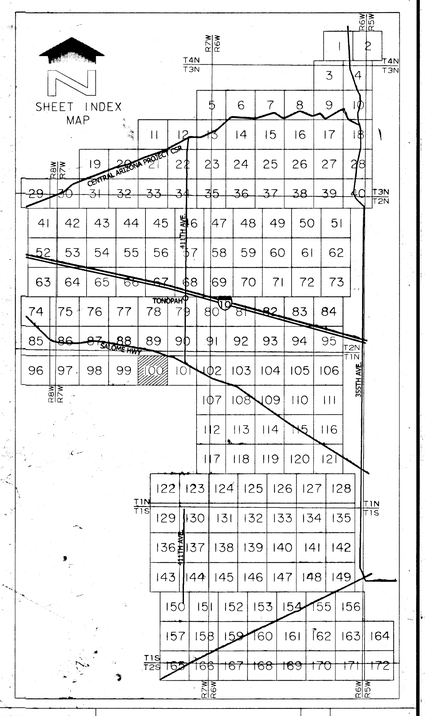


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- DIKE
- CROP
- GUARDRAIL
- WATER LINE
- RAILROAD
- BUILDING
- POLE
- TREE
- SIGN
- SIGN
- POST
- MAILBOX
- LIGHT POLE
- MANHOLE
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- GDAC CONTROL POINT
- SPOT ELEVATION X 621.6
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PALO VERDE ADMP

F.C.D. CONTRACT NO. 06-28

The following map represents a survey made by me or under my direction in the County of Maricopa, State of Arizona.
I, Ryan R. Branfort, a State of Arizona Registered Land Surveyor (No. 44944, expires 9/30/2009), with my signature and seal affixed below, hereby certify to the Flood Control District of Maricopa County, Arizona that the information shown hereon complies with the National Standard for Spatial Data Accuracy. Tested +/-0.31' horizontal accuracy at 95% confidence level (blind panel - aero triangulation). Tested +/- 0.48' vertical accuracy at 95% confidence level (random elevation checks).

"Certification" when used in the context of this document only constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

200' 0' 200' 400'

SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET

FLIGHT DATE: 6-12-07
PHOTO SCALE = 1:7200

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
44944
RYAN R.
BRANFORT
Date Signed 9-30-08
ARIZONA U.S.A.
Expires 9/30/09

WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS/TJE	6-2-08
PLANS CHK.	RRB	6-2-08

SHEET 100 OF 172

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY