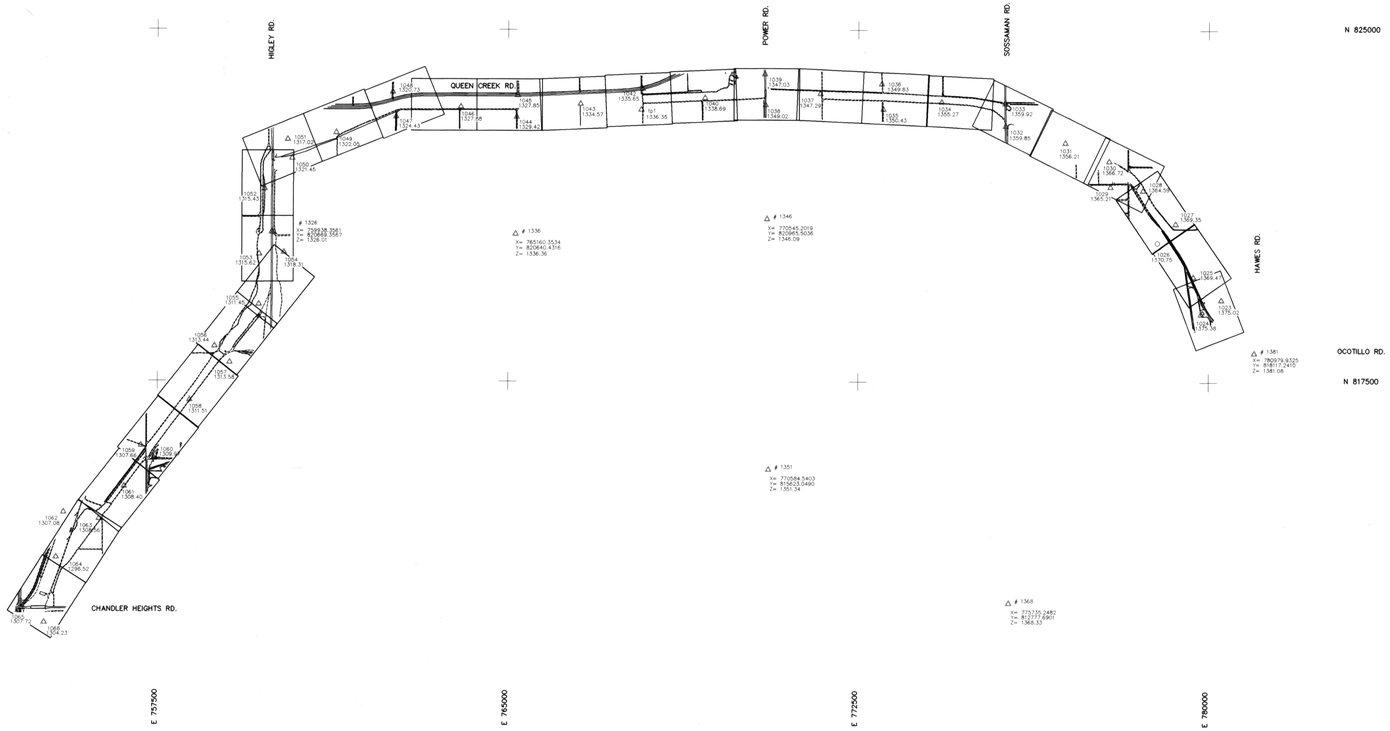


CENTRAL FILES
DRAWER 313

QUEEN CREEK FDS MAPPING
1"=50'
COLLINS PINA
STUDY 1998
FCD 97-03 HSM

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

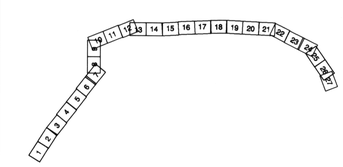
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION
# 1326	ADOT BC HH W 1/4 CORNER SEC 14	1326.01
# 1346	BC HH POWER RD. W 1/4 CORNER SEC 18	1346.09
# 1368	BC HH CHANDLER HTS E. SOSSAMAN	1368.33
# 1401	BC HH RIGGS RD. & ELLSWORTH RD.	1401.50
# 1351	REBAR IN HH BROOKS FARMS & POWER	1351.34
# 1336	BC HH W 1/4 CORNER SEC 13	1336.36
# 1381	MC BC HH OCOTILLO & HAWES, SE SEC 17	1381.08

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

NGVD 29 + 2.23 FEET (OR + 0.67 METERS)= NAVD 88. THIS ELEVATION CONVERSION DERIVED BY DIFFERENTIAL LEVELING BY USING NGS MONUMENT S364, RETRIEVAL DATE JAN 6, 1997, NEAR THE INTERSECTION OF ELLSWORTH RD. AND RITTENHOUSE RD.

INDEX MAP



0 1500' 3000' 4500'

SCALE: 1" = 1500'
CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE OCTOBER 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

COVER SHEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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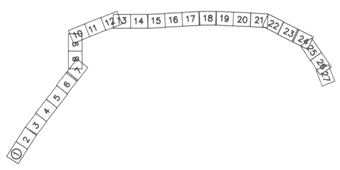
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 1 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-7-98

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

CERTIFIED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-19-98 ARIZONA, U.S.A.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PIRA CONSULTING ENGINEERS.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

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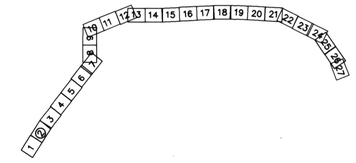
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 2 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-7-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

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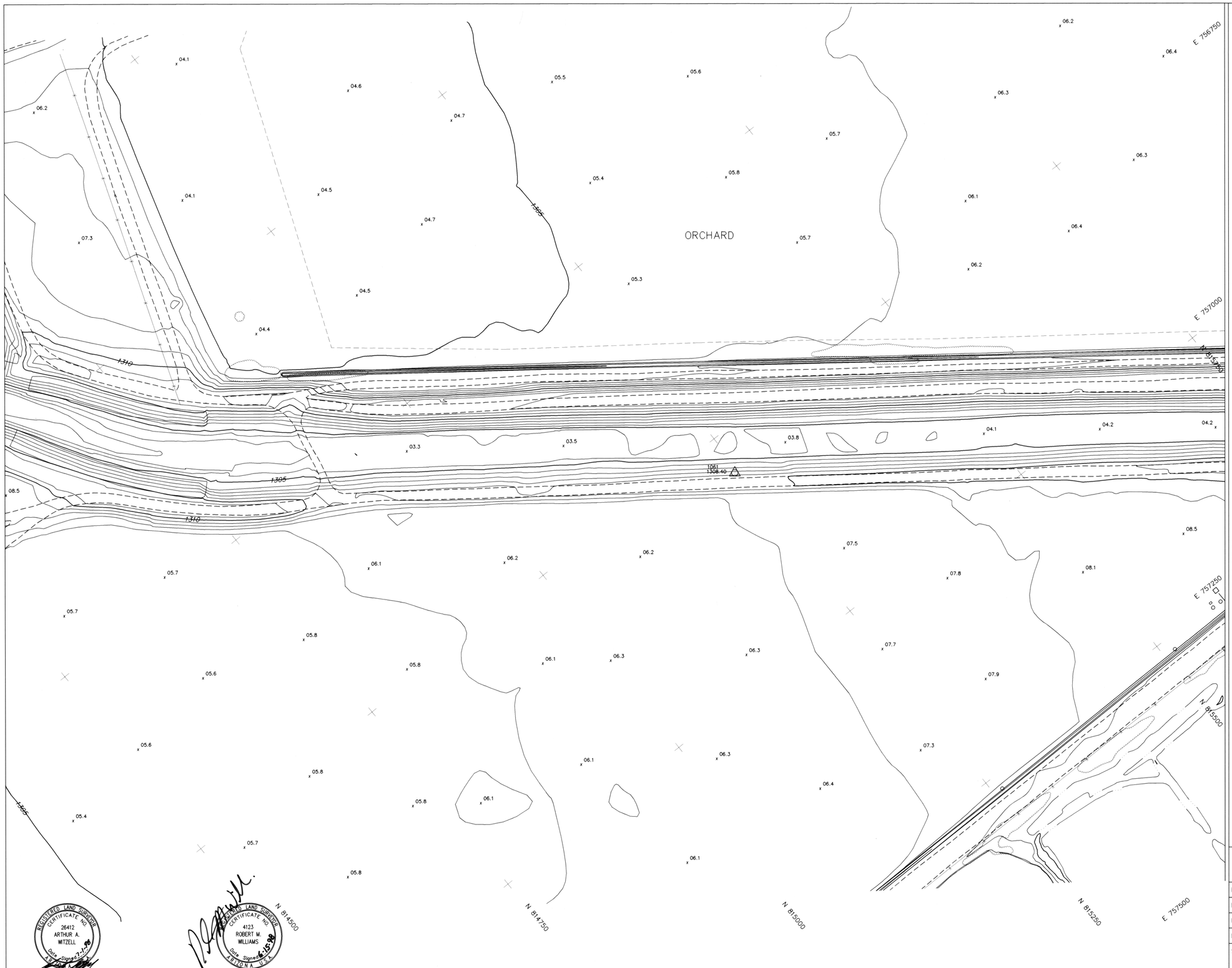
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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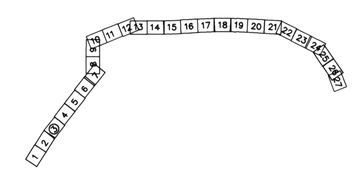
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 3 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

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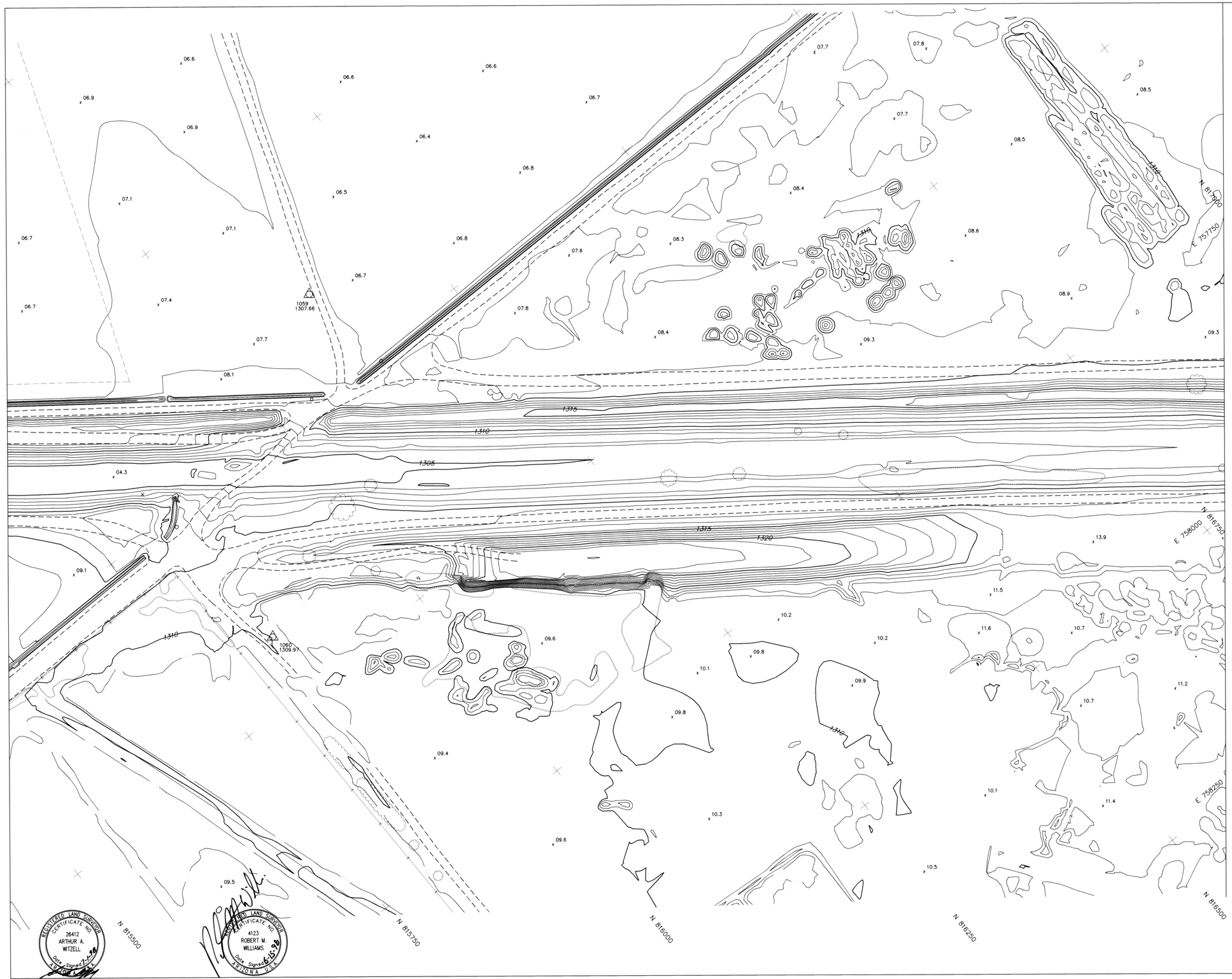

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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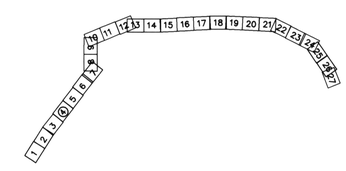
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 4 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

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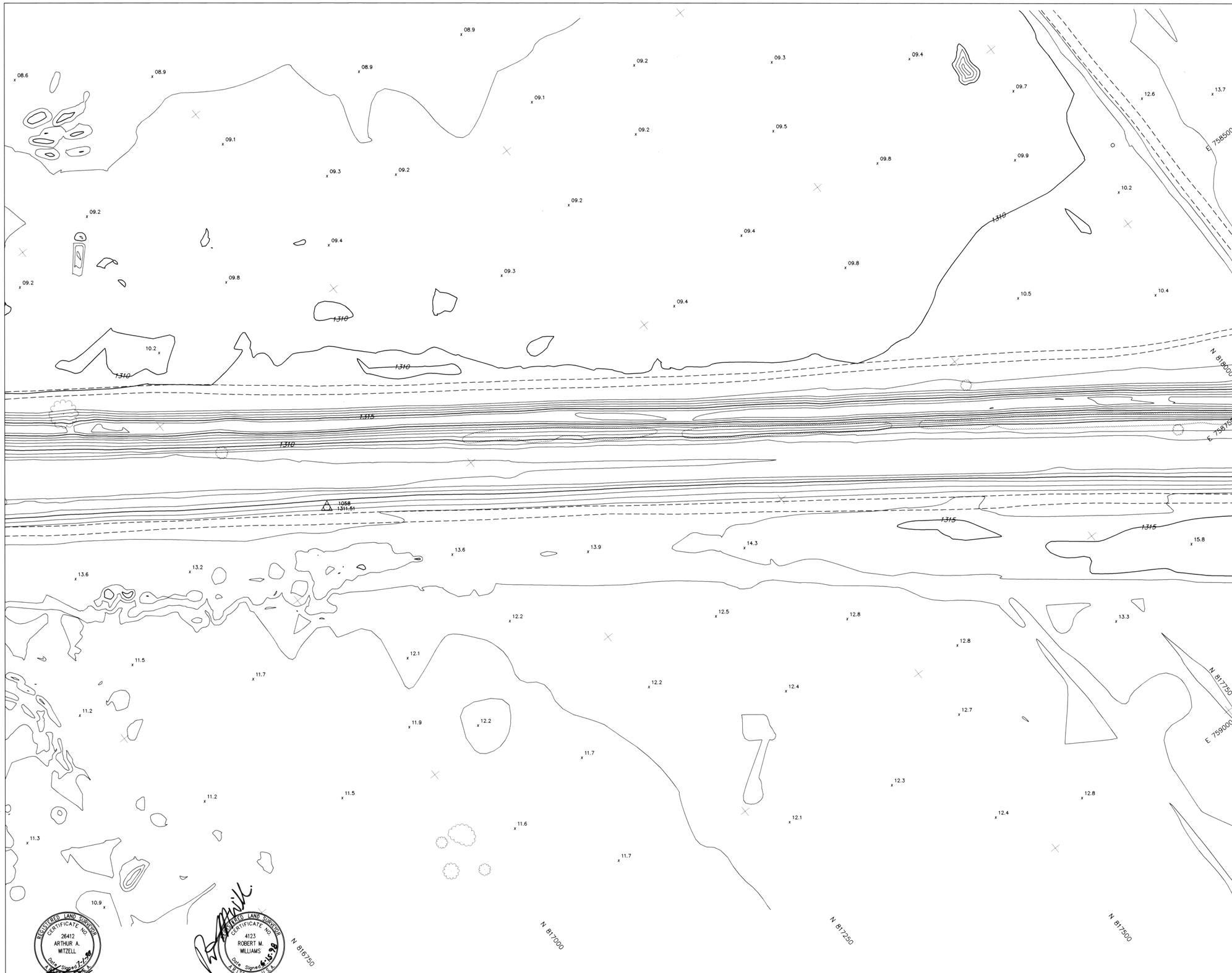

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION (21.4)
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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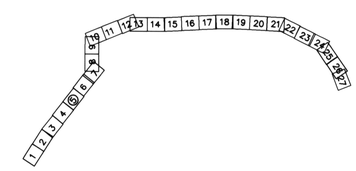
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:	DATE:	

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 5 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

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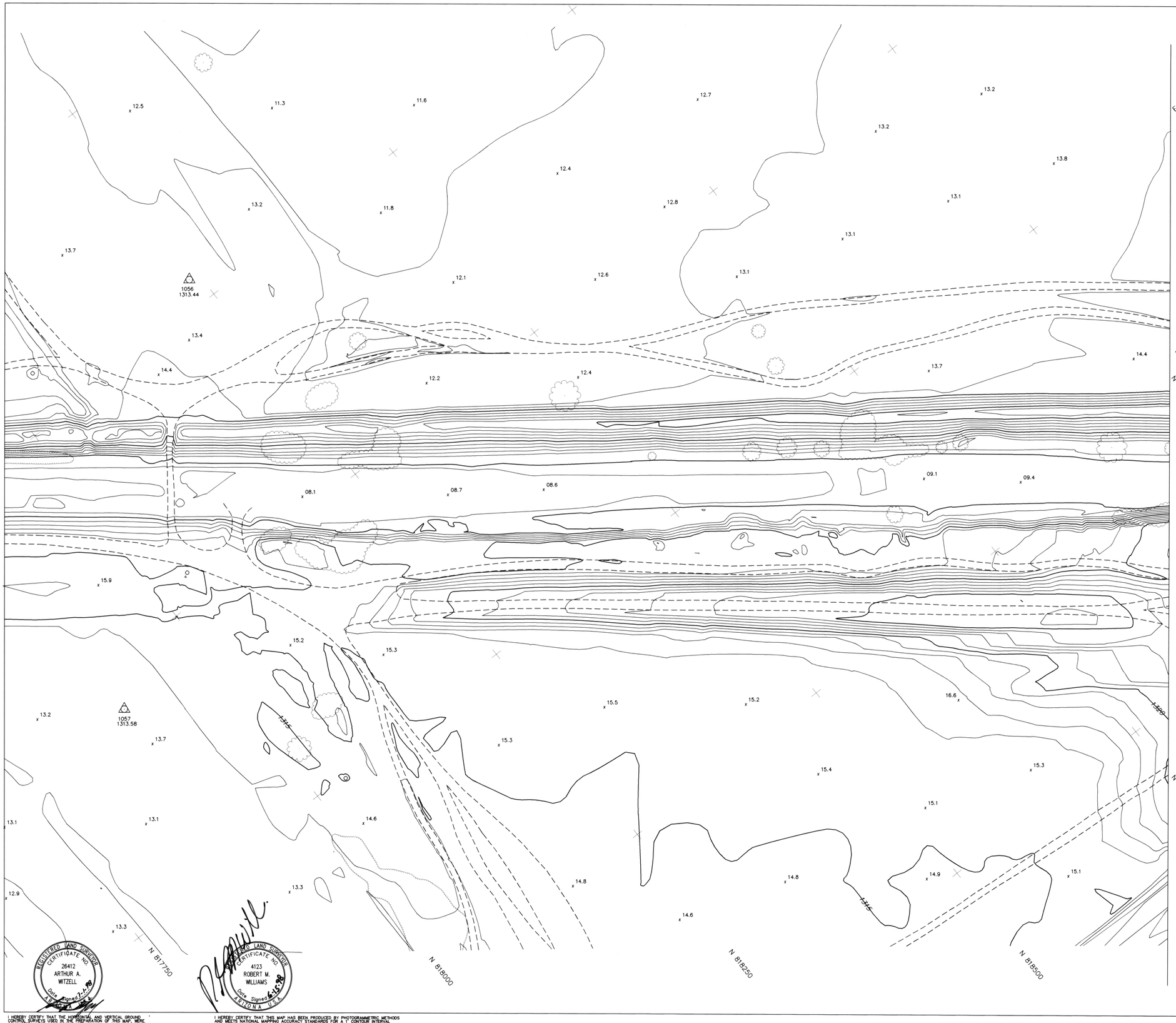

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

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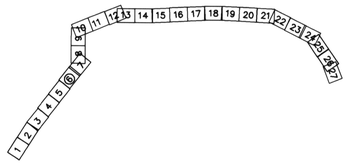
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 6 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

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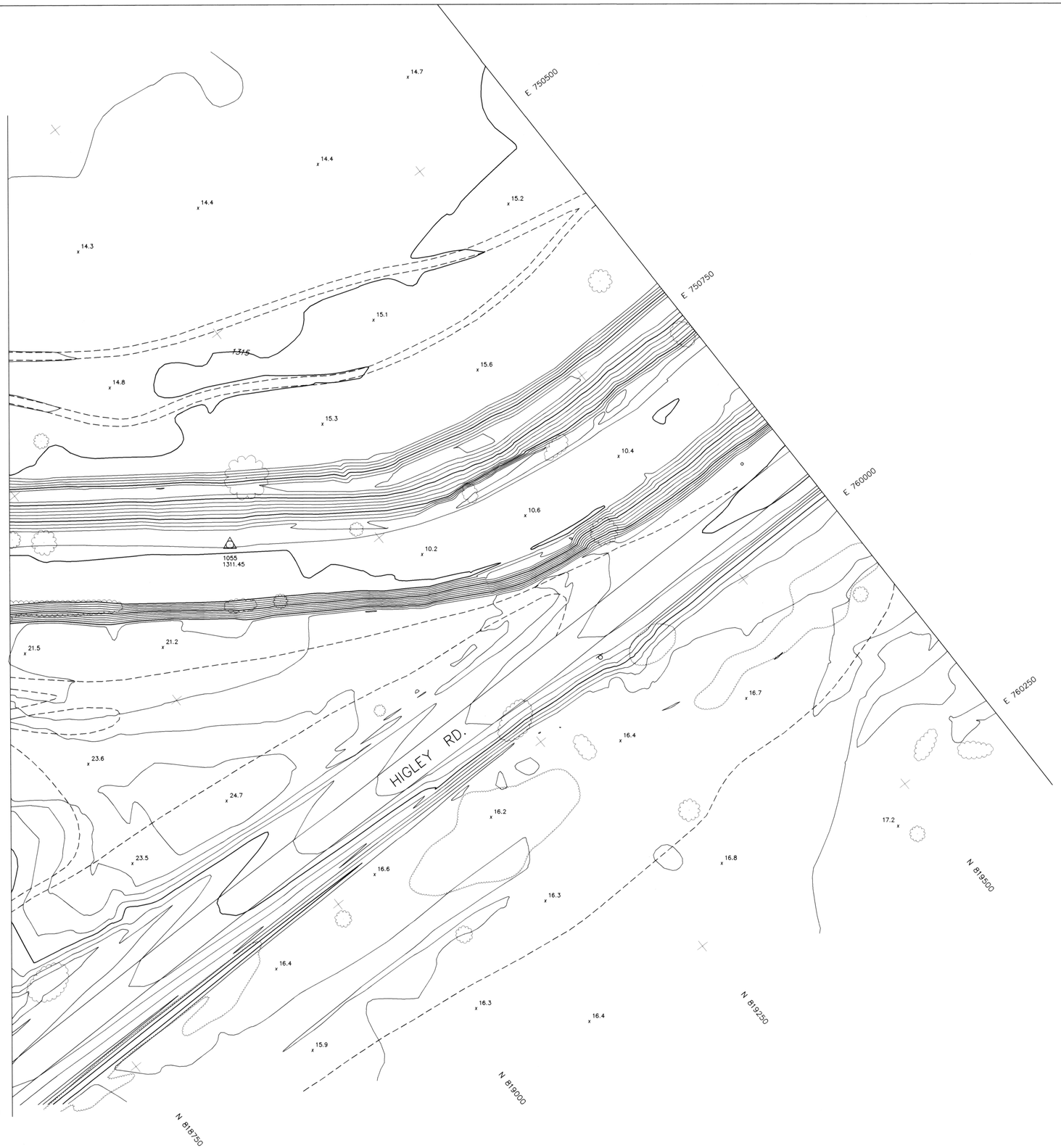

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
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- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

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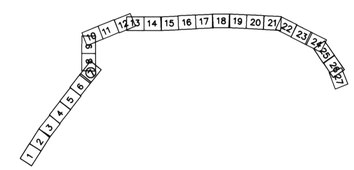
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

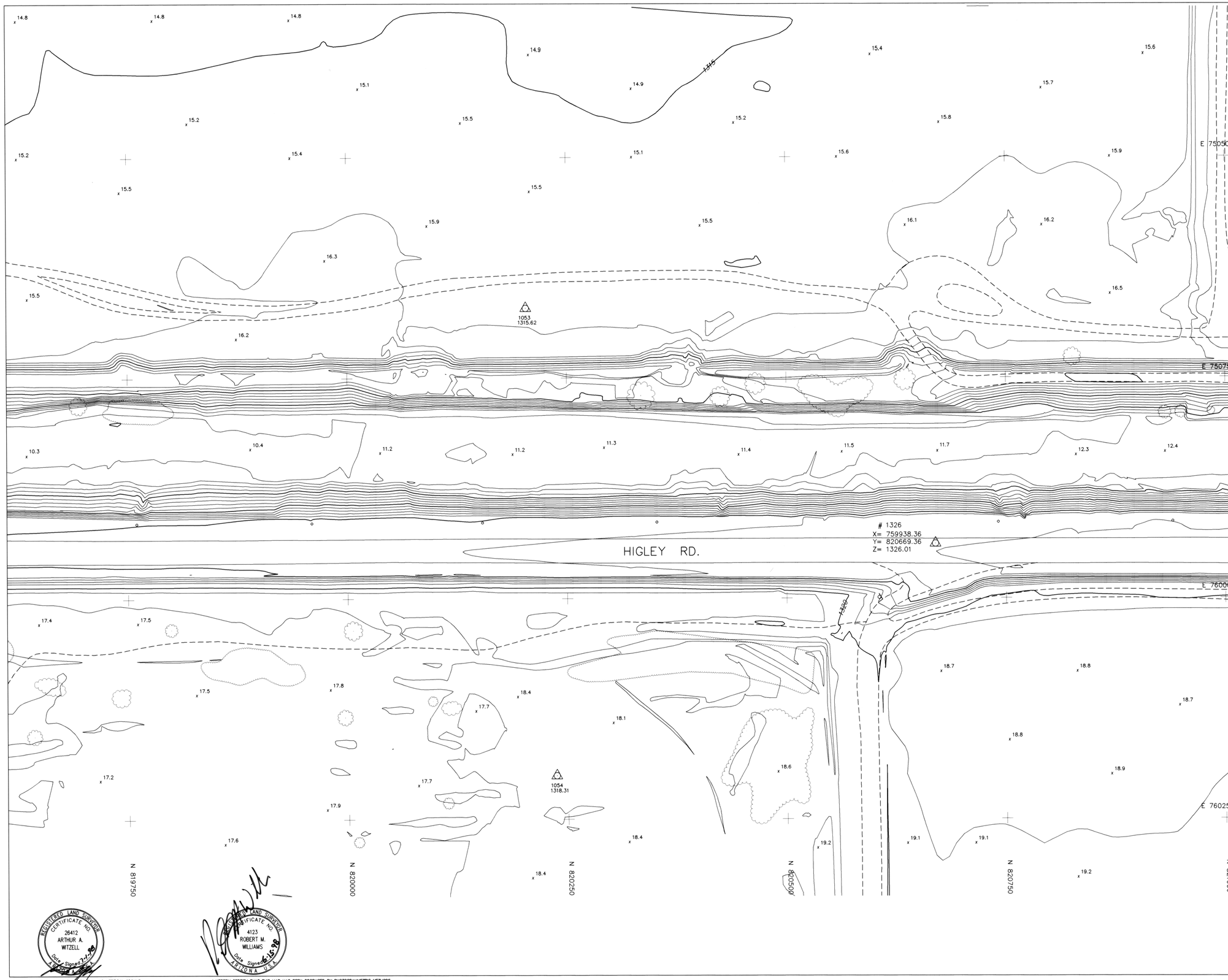
SHEET 7 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-2-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED BY ME OR UNDER MY SUPERVISION, AND SAID RESULTS OF TOPOGRAPHIC CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PINA CONSULTING ENGINEERS.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
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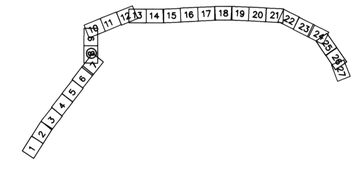
I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION
# 1326	ADOT BC HH W 1/4 CORNER SEC 14	1326.01

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

NGVD 29 + 2.23 FEET (OR + 0.67 METERS) = NAVD 88. THIS ELEVATION CONVERSION DERIVED BY DIFFERENTIAL LEVELING BY USING NGS MONUMENT S364, RETRIEVAL DATE JANUARY 6, 1997, NEAR THE INTERSECTION OF ELLSWORTH RD. AND RITTENHOUSE RD.

INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

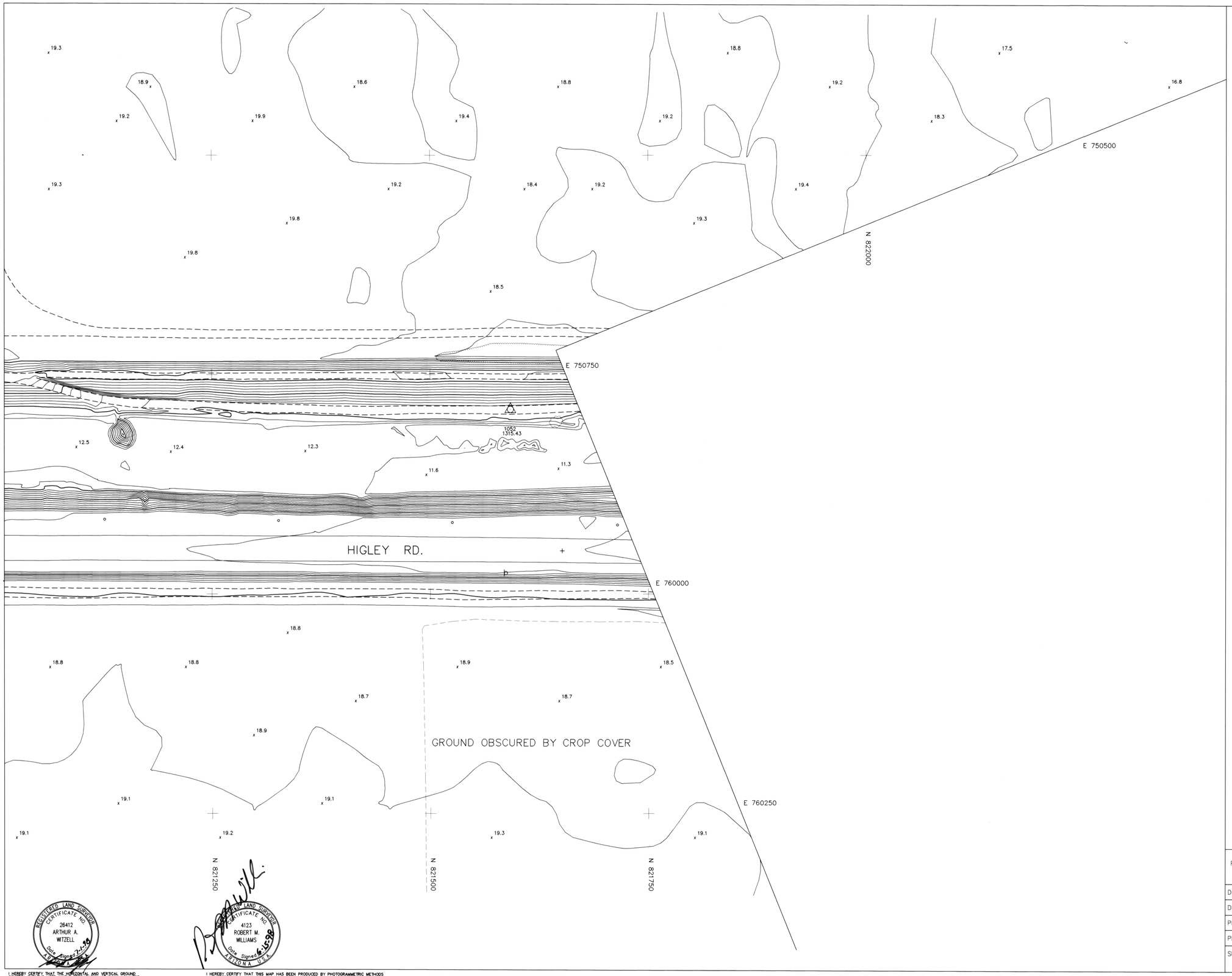
SHEET 8 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-17-98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 7-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PIRA CONSULTING ENGINEERS.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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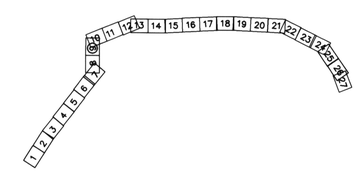
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 9 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-7-98 ARIZONA U.S.A.

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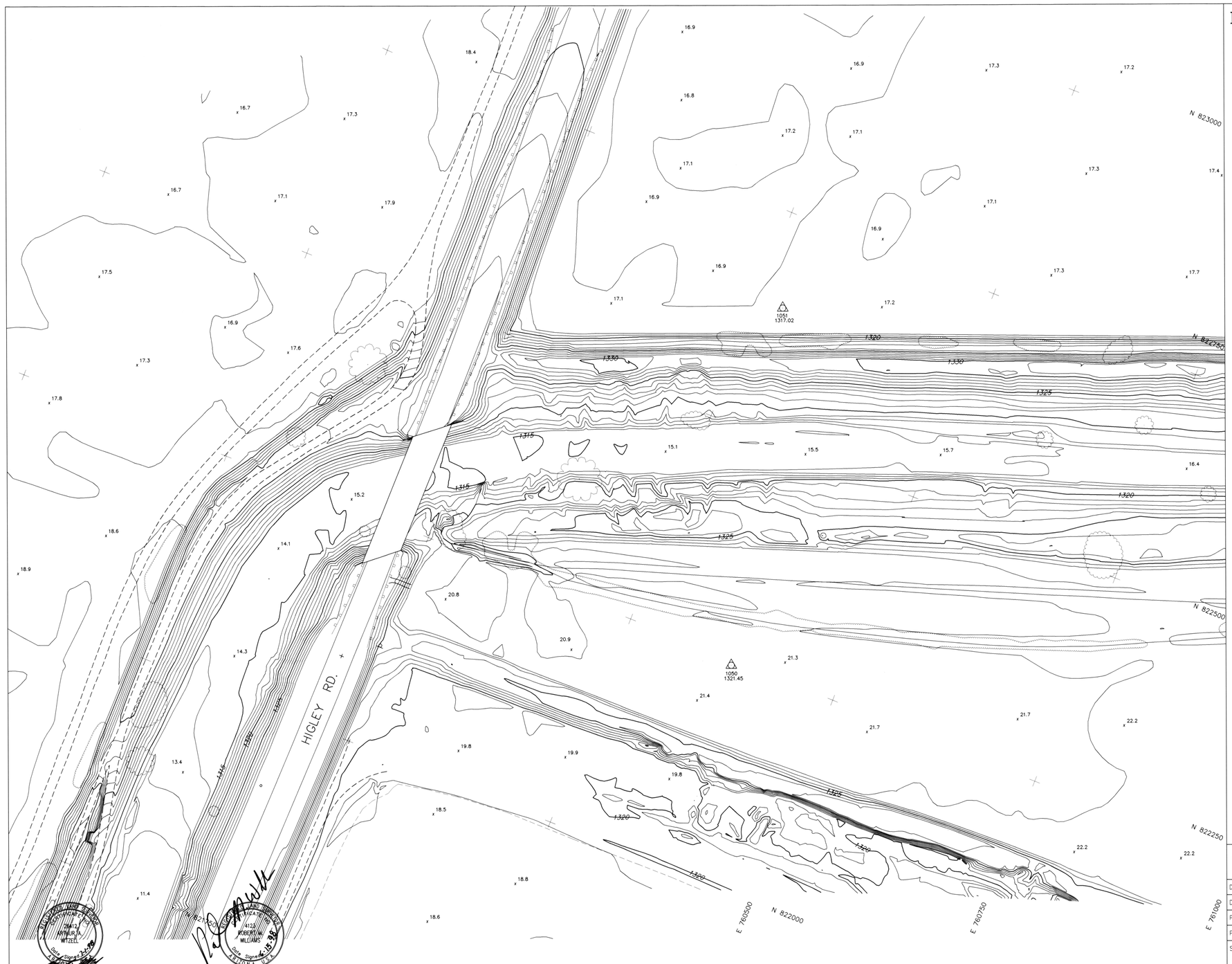

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

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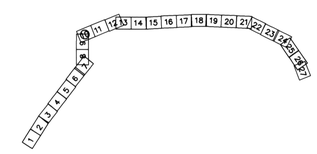
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 10 OF 27

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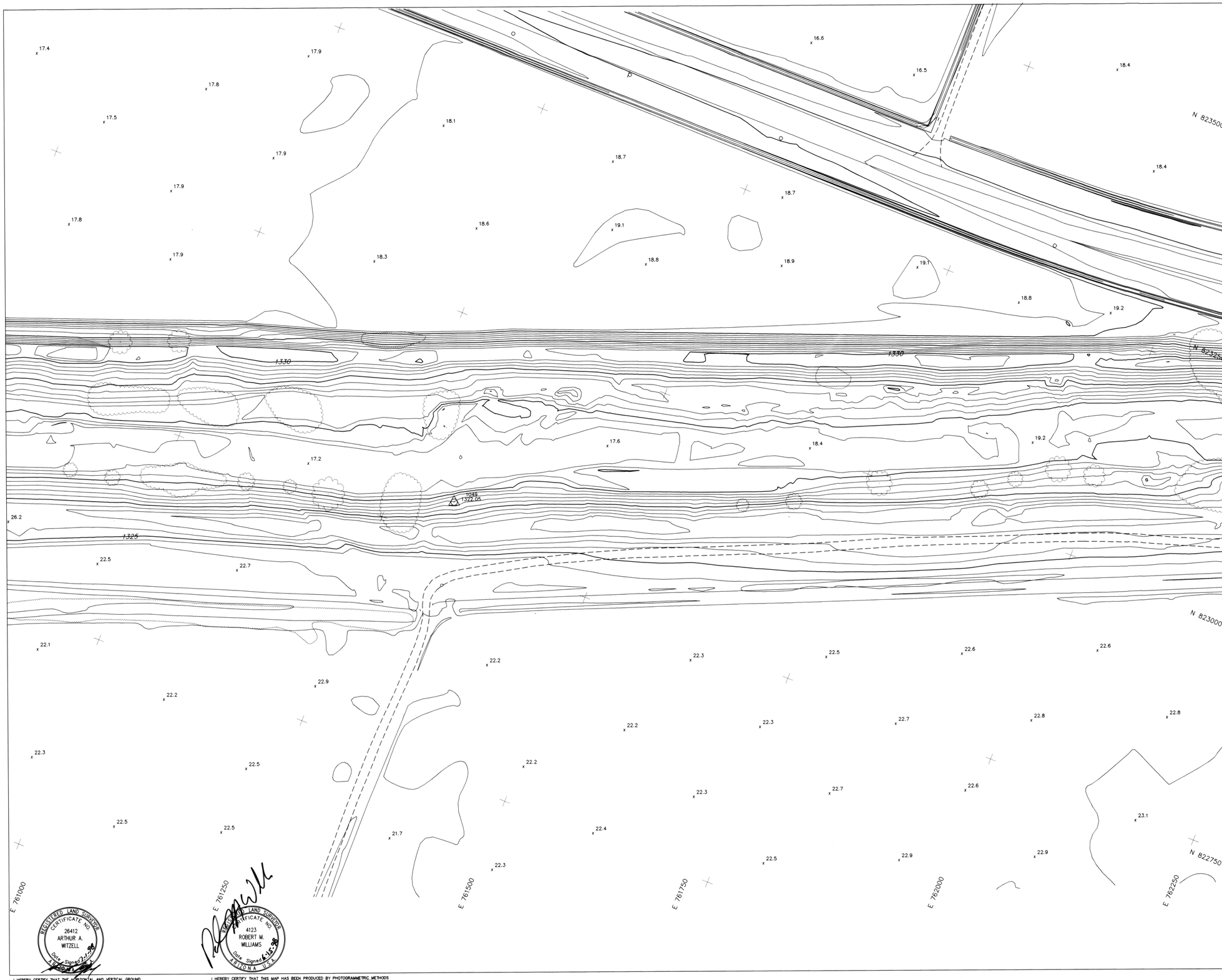
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

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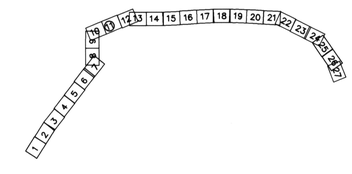
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 11 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 6-15-98 ARIZONA, U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA, U.S.A.

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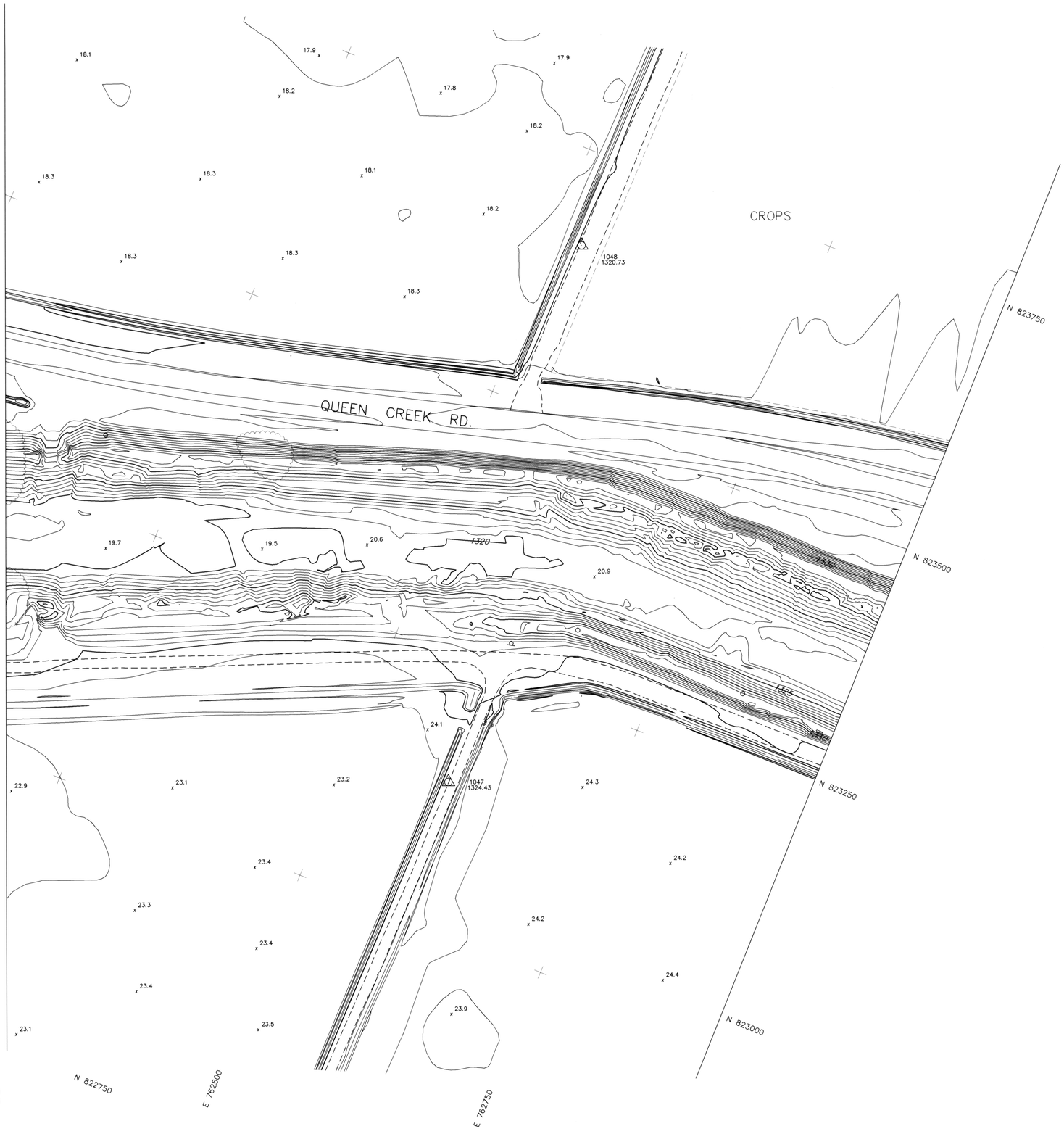

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

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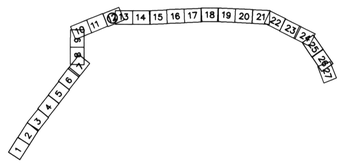

0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 12 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA, U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA, U.S.A.

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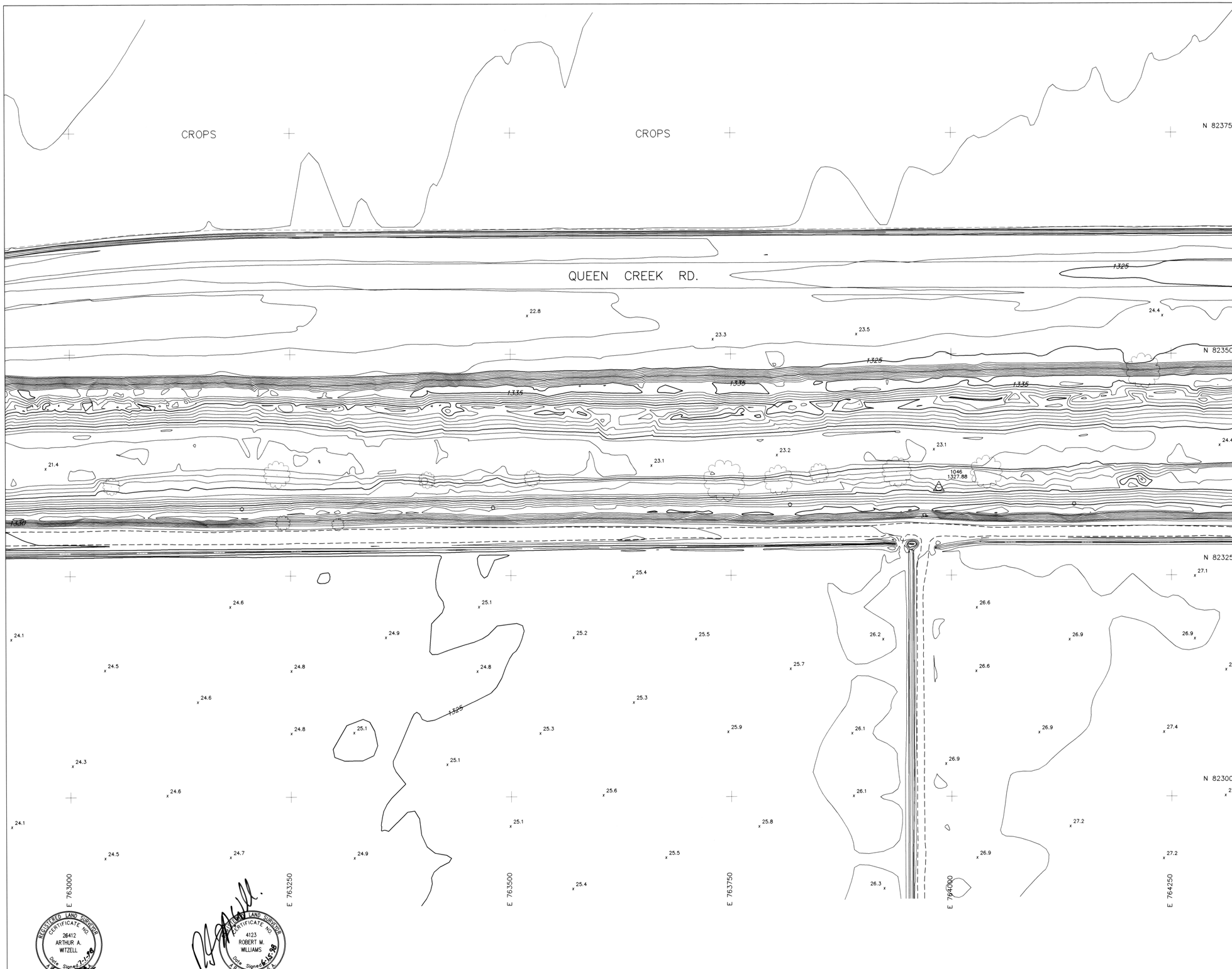

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
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- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

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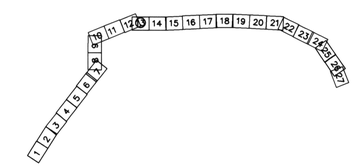
INDEX MAP



N

0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:	DATE:	

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 13 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 2-1-98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

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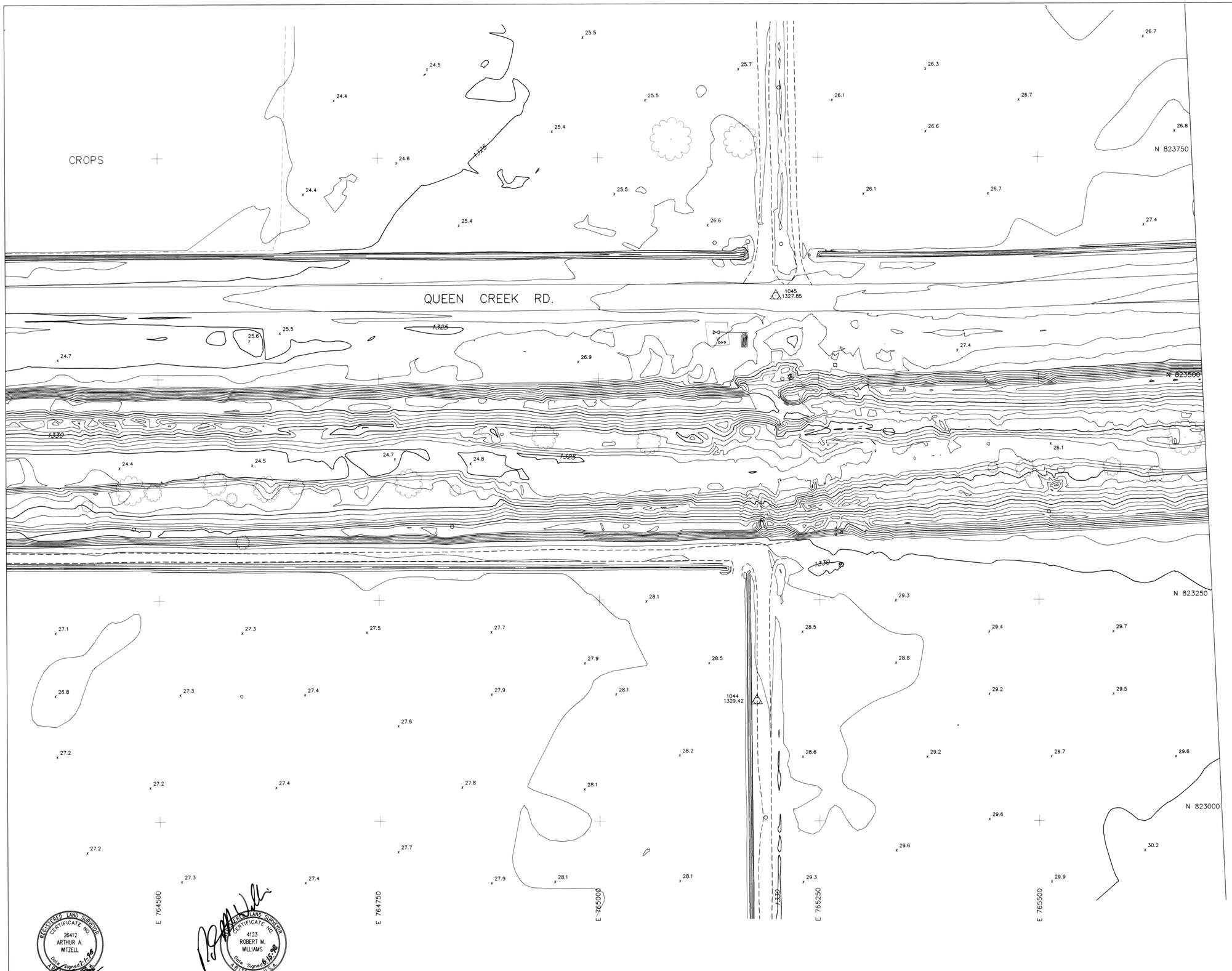

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION
# 1336	BC HH W 1/4 CORNER SEC. 13 (NOT SHOWN)	1336.36

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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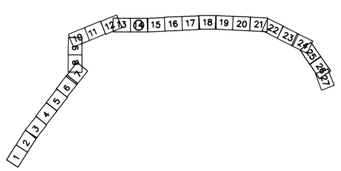
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 14 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA U.S.A.

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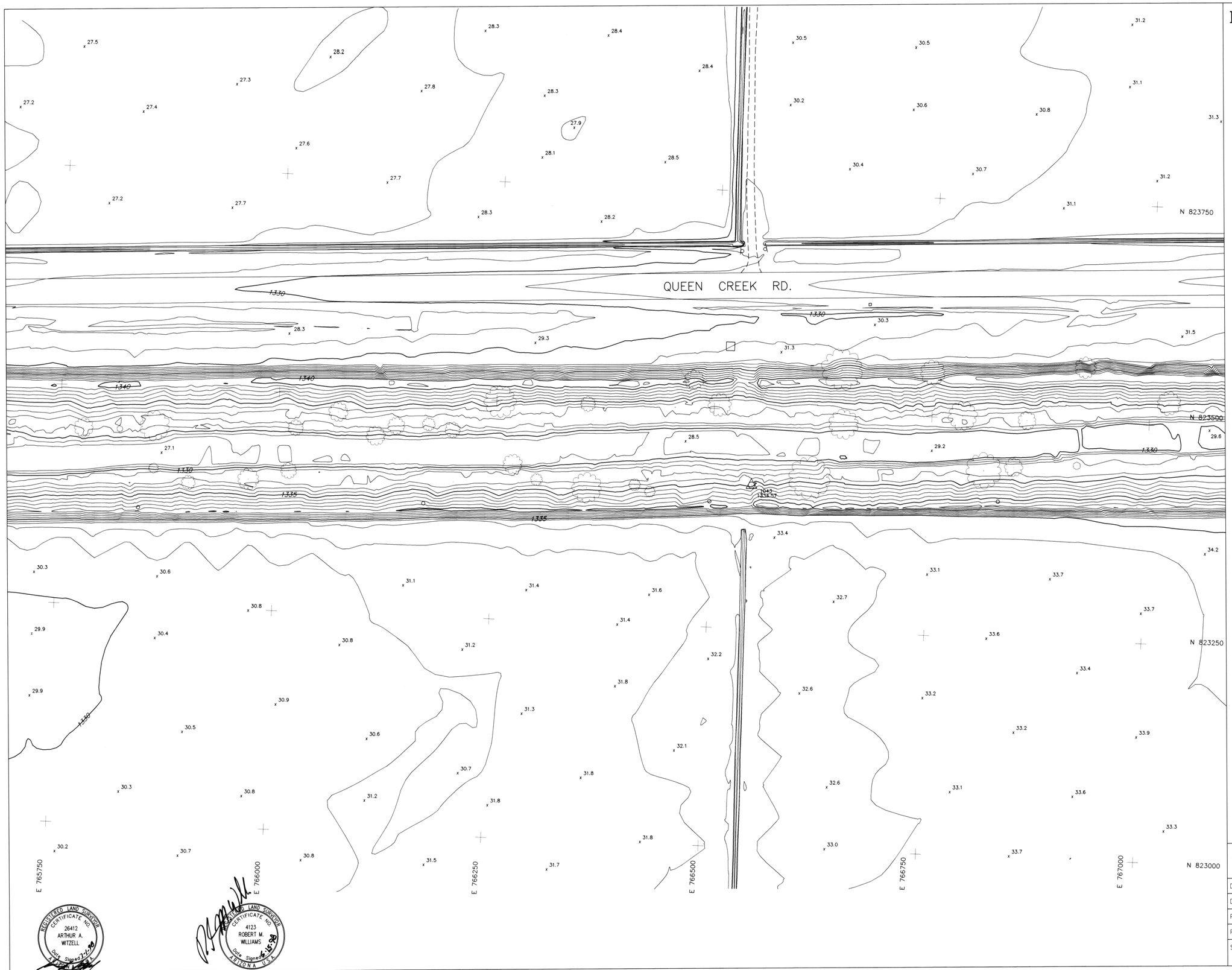

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
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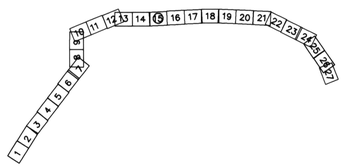

0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 15 OF 27

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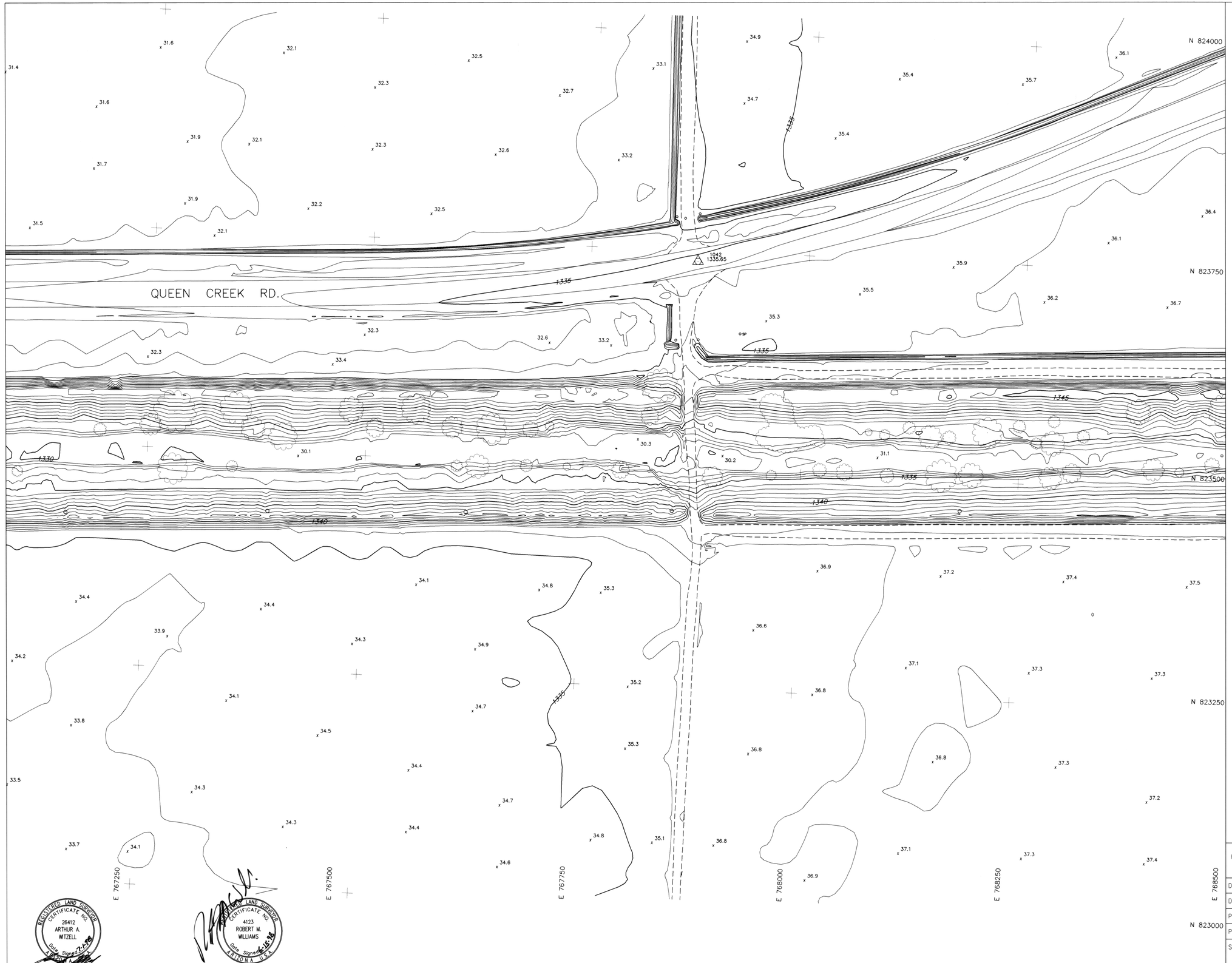

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
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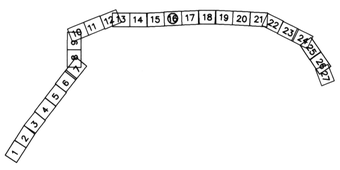
INDEX MAP



N

0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:	DATE:	

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 16 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA, U.S.A.

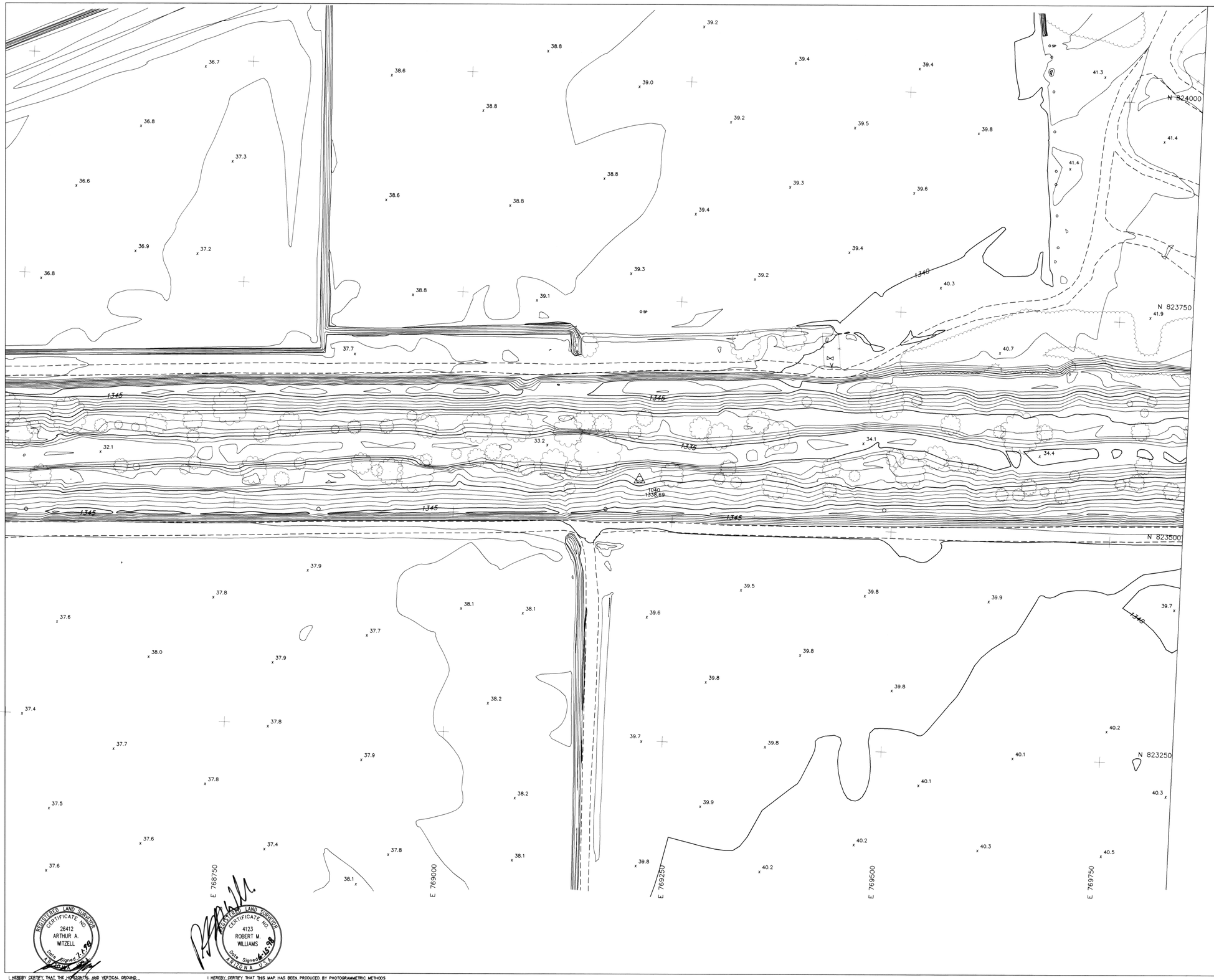
REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA, U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PINA CONSULTING ENGINEERS.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

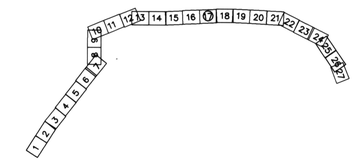
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

NGVD 29 + 2.23 FEET (OR + 0.67 METERS) = NAVD 88. THIS ELEVATION CONVERSION DERIVED BY DIFFERENTIAL LEVELING BY USING NGS MONUMENT S364, RETRIEVAL DATE JANUARY 6, 1997, NEAR THE INTERSECTION OF ELLSWORTH RD. AND RITTENHOUSE RD.

INDEX MAP



N

0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

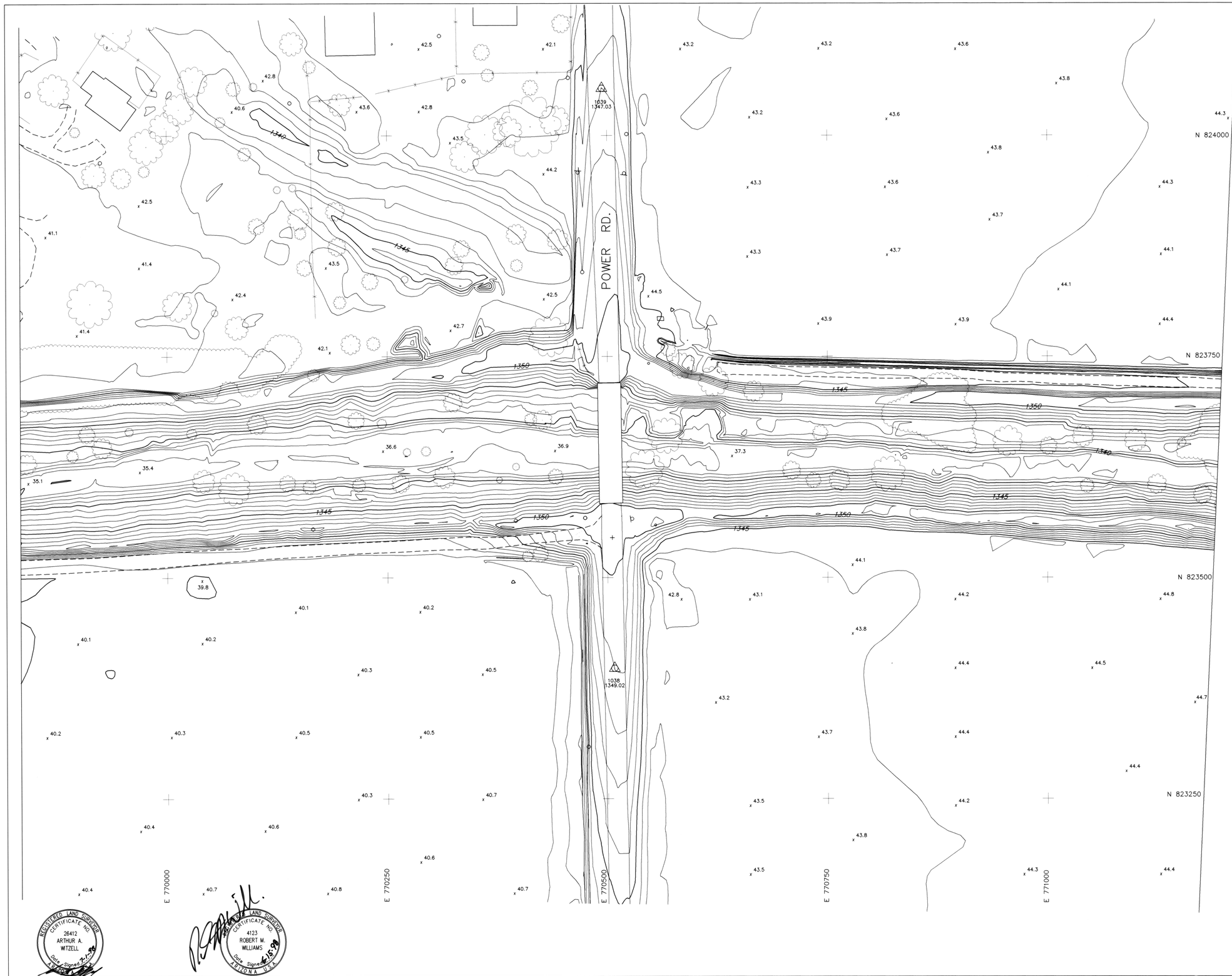
SHEET 17 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA, U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED UNDER MY DIRECT SUPERVISION AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA, U.S.A.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL. THE ACCURACY OF THE MAP IS BELIEVED TO BE WITHIN 1 FOOT RELATIVE TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PINA CONSULTING ENGINEERS.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION
# 1346	BC HH POWER RD. W 1/4 CORNER SEC. 14 (NOT SHOWN)	1346.09
# 1351	REBAR IN HH BROOKS FARMS & POWER (NOT SHOWN)	1351.34

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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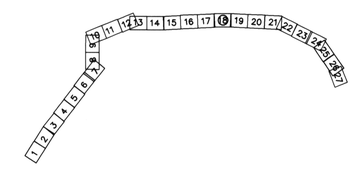
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 18 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 4-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

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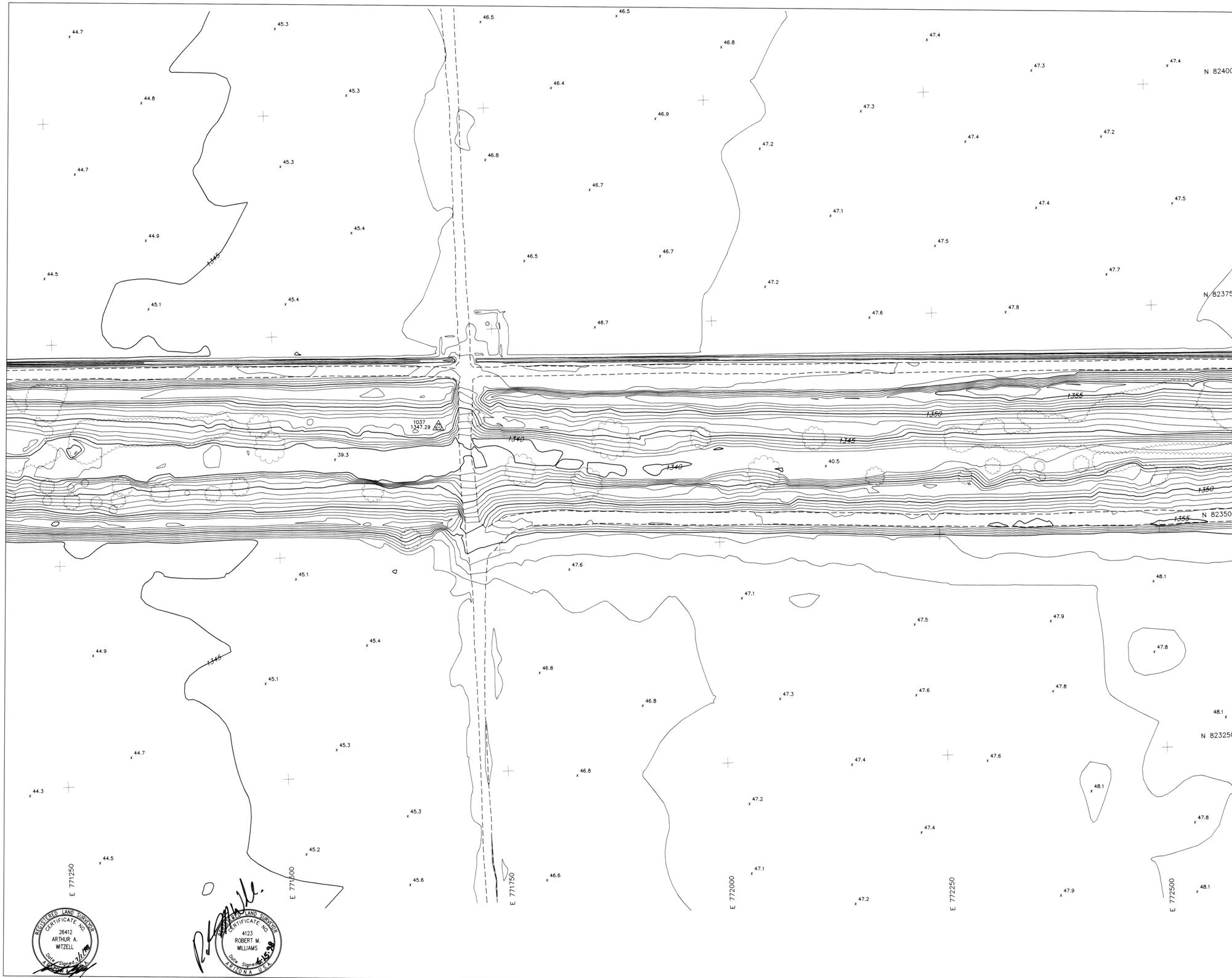

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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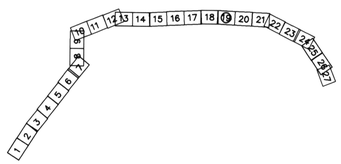
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:	DATE:	

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

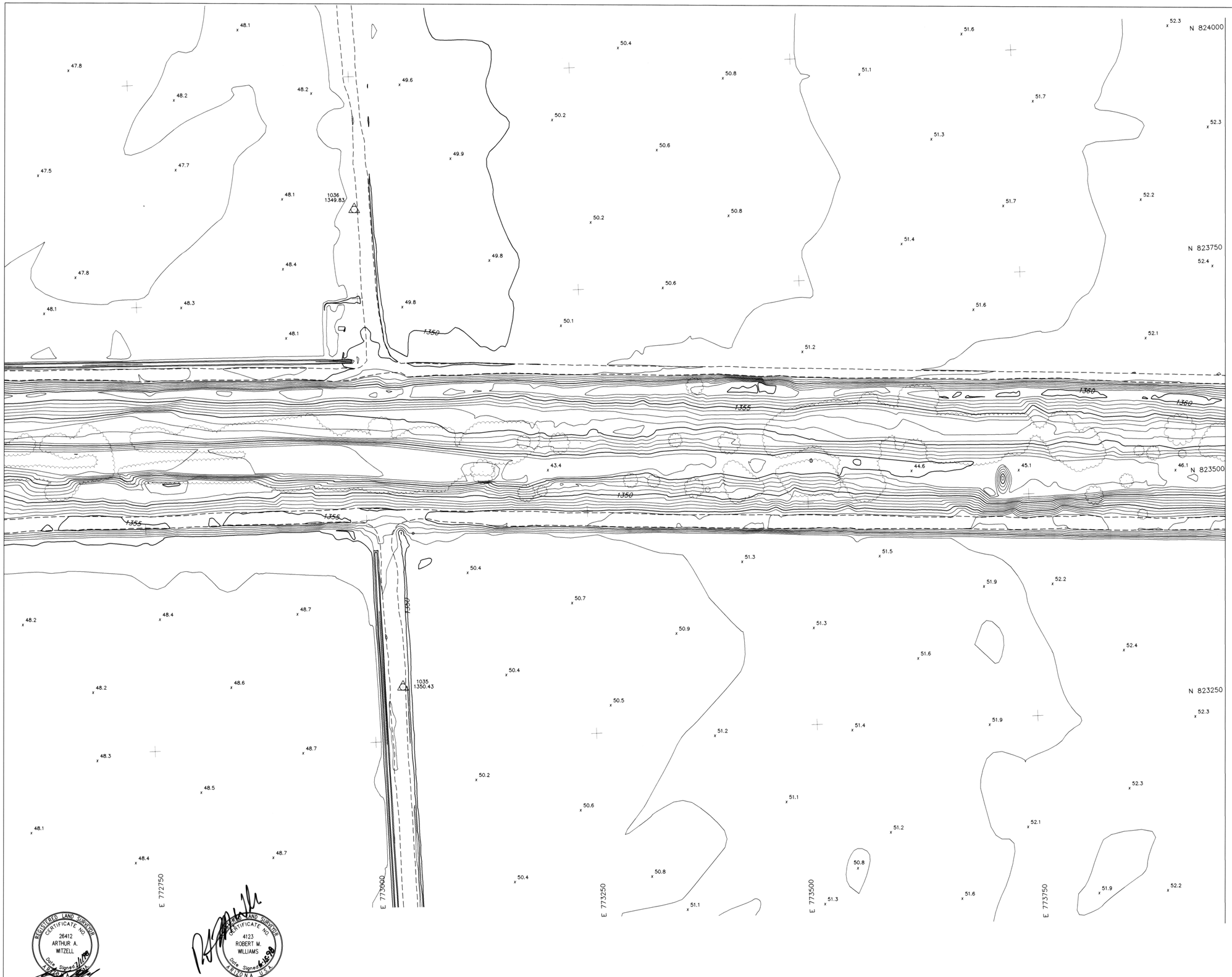
SHEET 19 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7/1/98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-5-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PIRA CONSULTING ENGINEERS.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

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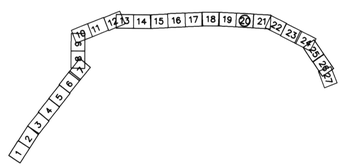
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 20 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7/1/98 ARIZONA U.S.A.

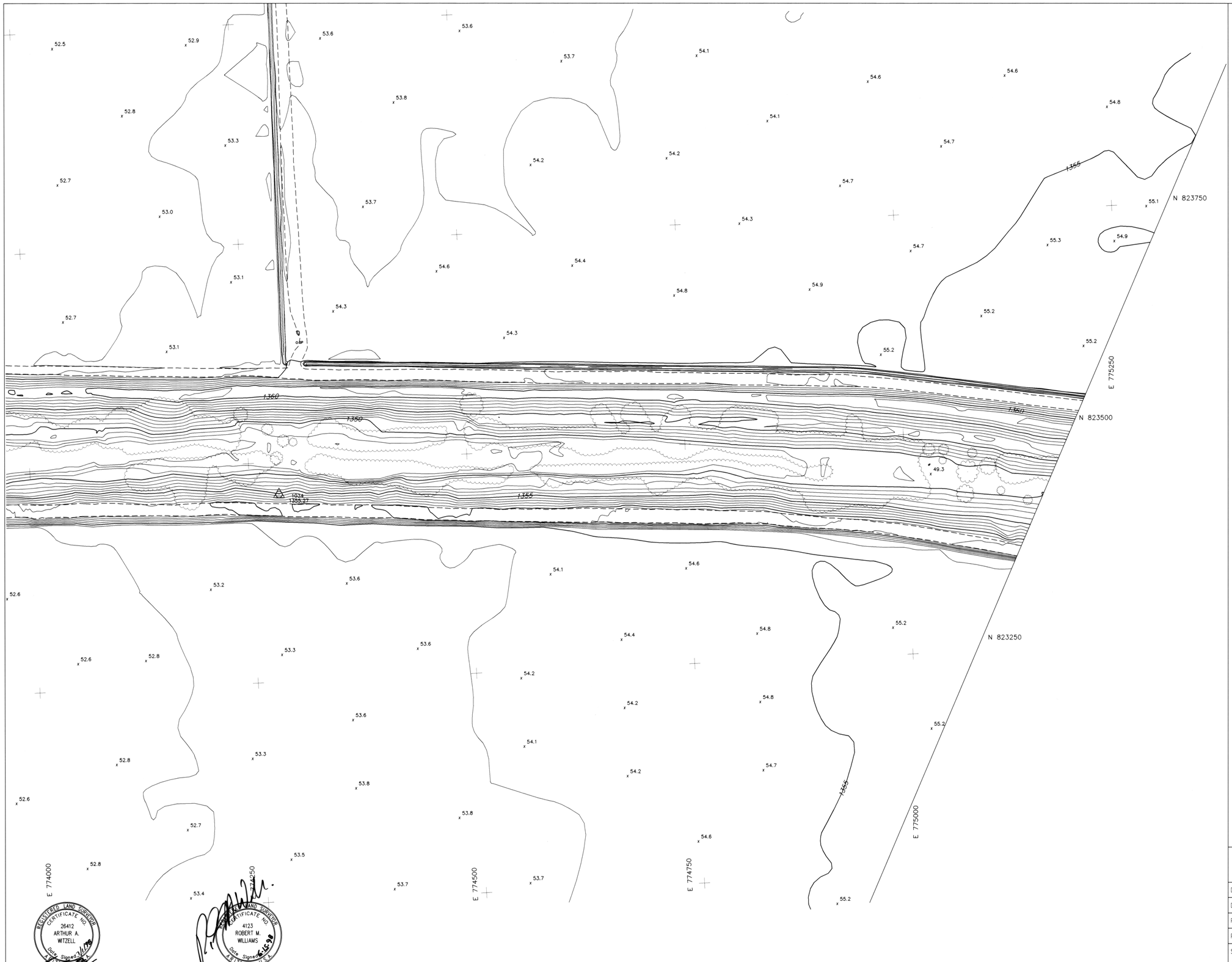
REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE PERFORMED BY ME OR UNDER MY SUPERVISION AND THAT THE RESULTS OF THE GROUND CONTROL SURVEYS WERE NOT EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PINA CONSULTING ENGINEERS.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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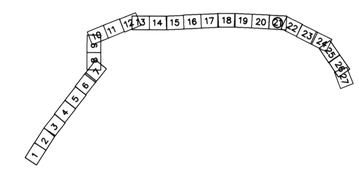
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 21 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 3/1/98

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA, U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP. THE ACCURACY OF THE MAP IS ADJUSTED TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PINA CONSULTING ENGINEERS.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION
# 1368	BC HH CHANDLER HTS E OF SOSSAMAN (NOT SHOWN)	1368.33

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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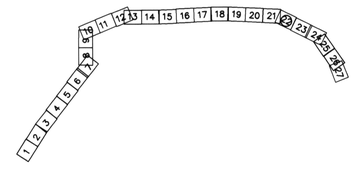
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

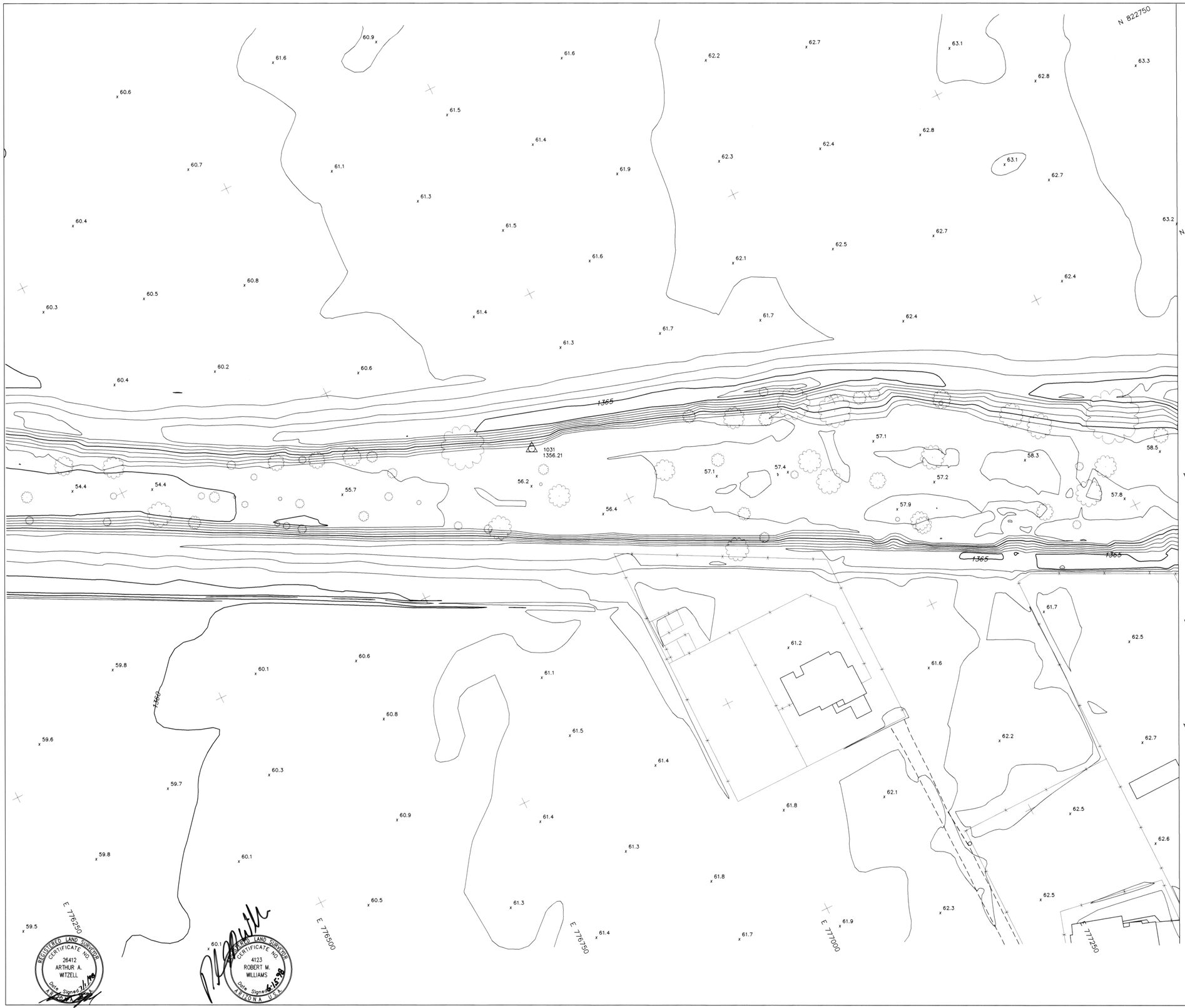
SHEET 22 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 6/15/98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1 CONTOUR INTERVAL MAP IN A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PIRA CONSULTING ENGINEERS.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
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- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

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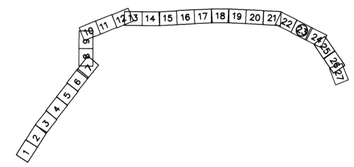
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 23 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7/1/98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS UPON WHICH THE PREPARATION OF THIS MAP WERE BASED, CONDUCTED UNDER MY DIRECT SUPERVISION AND THAT THE RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1.0 CONTOUR INTERVAL. THE ACCURACY OF THE MAP IS CONSISTENT WITH THE ACCURACY TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PINA CONSULTING ENGINEERS.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
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I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

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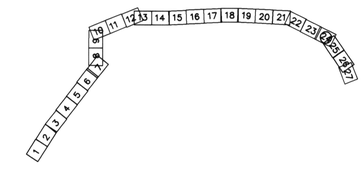


0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 24 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7/1/98

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS ARIZONA U.S.A. Date Signed 6.15.98

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37' GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PIRA CONSULTING ENGINEERS.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

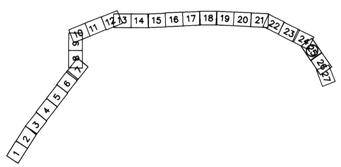
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

NGVD 29 + 2.23 FEET (OR + 0.67 METERS) = NAVD 88. THIS ELEVATION CONVERSION DERIVED BY DIFFERENTIAL LEVELING BY USING NGS MONUMENT S364, RETRIEVAL DATE JANUARY 6, 1997, NEAR THE INTERSECTION OF ELLSWORTH RD. AND RITTENHOUSE RD.

INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

SUBMITTED BY:

DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

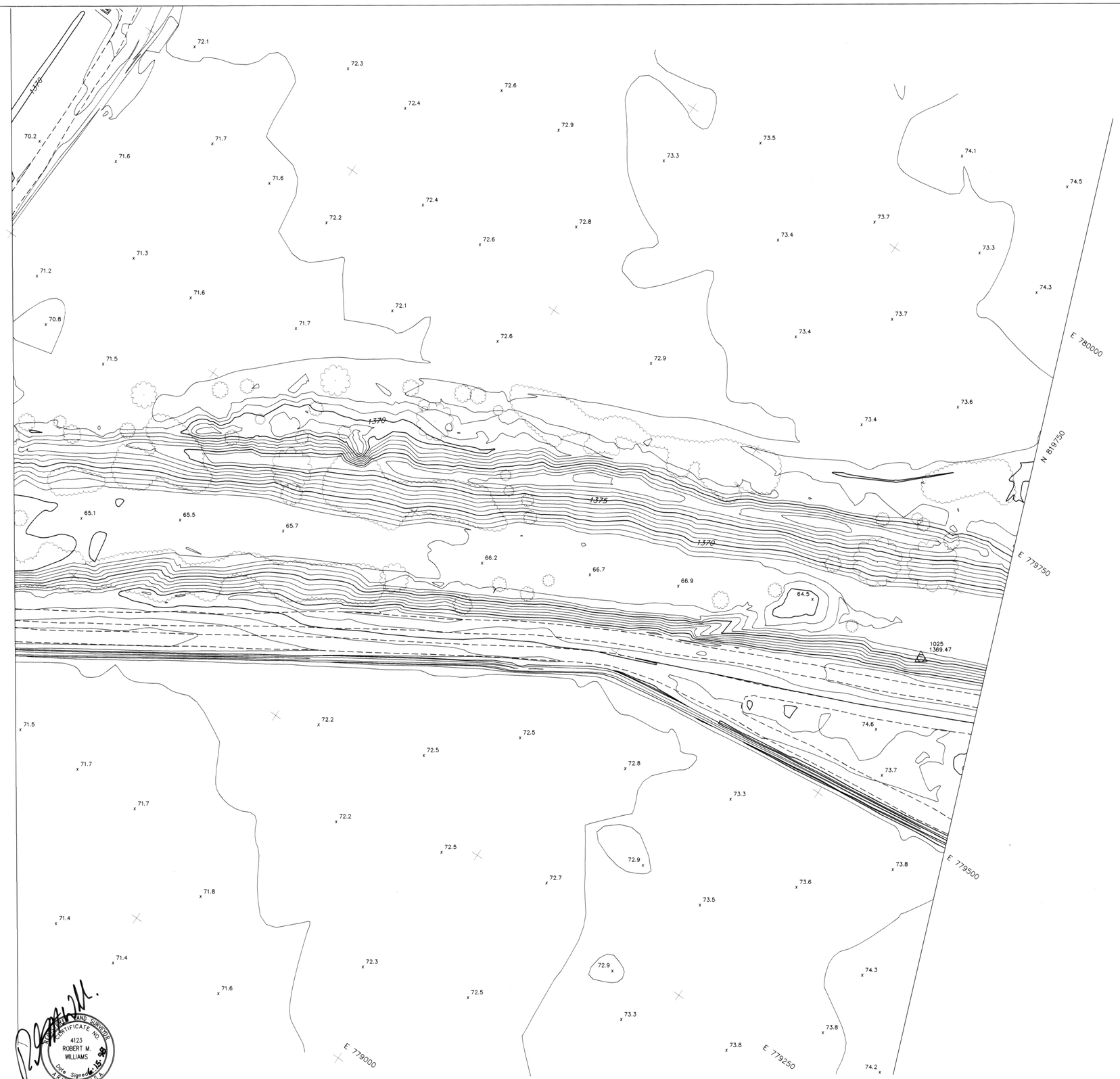
SHEET 25 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 2/1/98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP, WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PIRA CONSULTING ENGINEERS.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION (21.4)
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

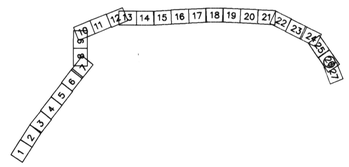
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

NGVD 29 + 2.23 FEET (OR + 0.67 METERS) = NAVD 88. THIS ELEVATION CONVERSION DERIVED BY DIFFERENTIAL LEVELING BY USING NGS MONUMENT S364, RETRIEVAL DATE JANUARY 6, 1997, NEAR THE INTERSECTION OF ELLSWORTH RD. AND RITTENHOUSE RD.

INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

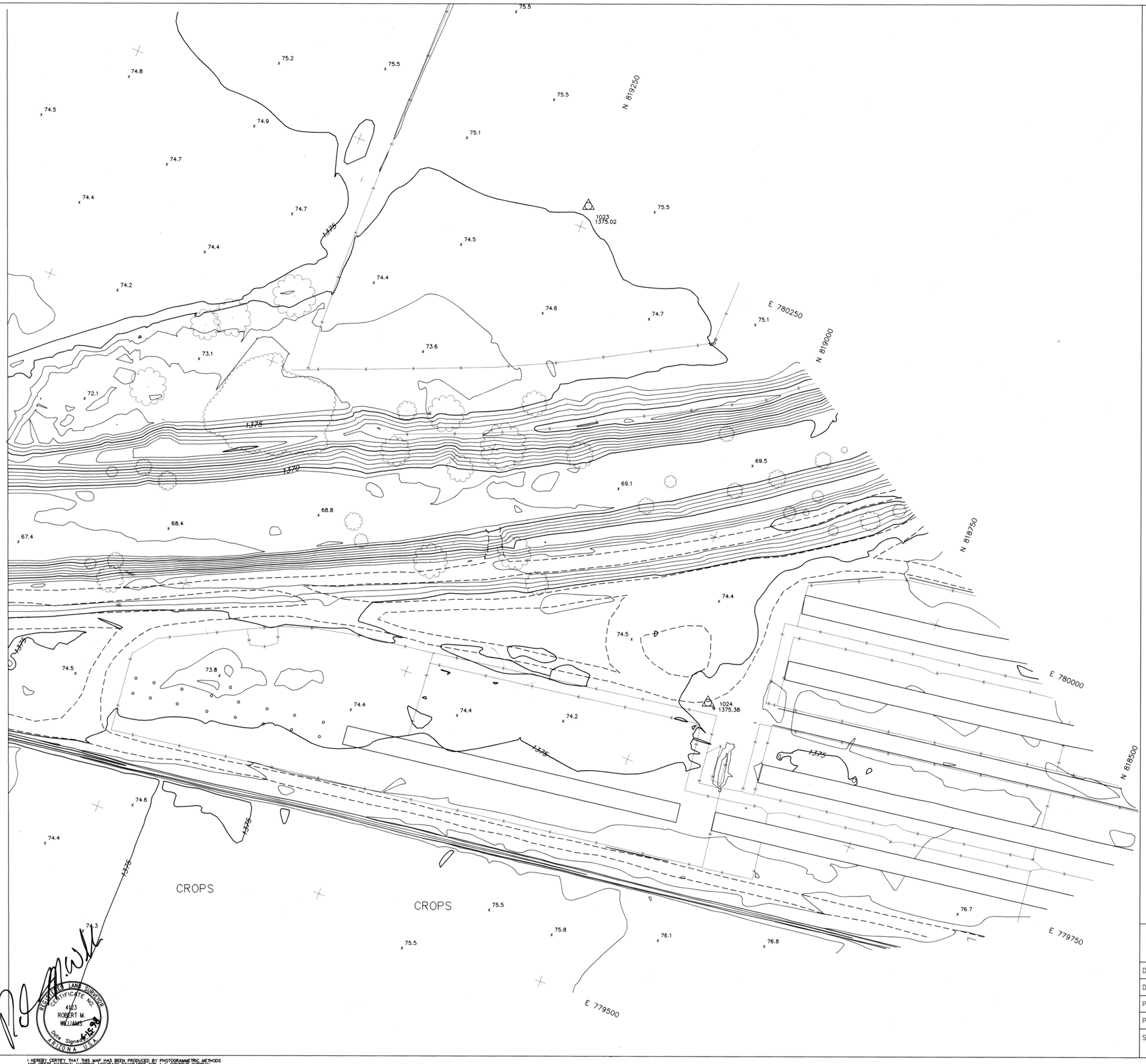
SHEET 26 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7/1/98 ARIZONA U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 6-15-98 ARIZONA U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

I HEREBY CERTIFY THAT THIS MAP HAS BEEN PRODUCED BY PHOTOGRAMMETRIC METHODS AND MEETS NATIONAL MAPPING ACCURACY STANDARDS FOR A 1' CONTOUR INTERVAL MAP AT A SCALE OF 1"=50'. THE ABOVE IS SUBJECT TO THE FIELD CONTROL ACCURACY PROVIDED BY COLLINS – PINA CONSULTING ENGINEERS.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

QUEEN CREEK FLOODPLAIN DELINEATION STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- CURB
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

NOTES

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	DESCRIPTION/LOCATION	ELEVATION
# 1381	MC BC HH OCOTILLO & HAWES, SE SEC. 17 (NOT SHOWN)	1381.08
# 1401	BC HH ROGGS RD. & ELLSWORTH RD. (NOT SHOWN)	1401.50

NGVD 29 TO NAVD 88 ELEVATION CONVERSION

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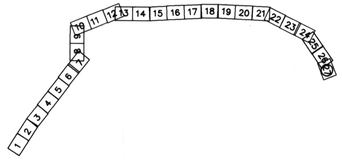
INDEX MAP



0 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE JANUARY 15,1998

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 27 OF 27

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26412 ARTHUR A. WITZELL Date Signed 7-1-98 ARIZONA, U.S.A.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 41023 ROBERT M. WILLIAMS Date Signed 4-15-98 ARIZONA, U.S.A.

I HEREBY CERTIFY THAT THE HORIZONTAL AND VERTICAL GROUND CONTROL SURVEYS USED IN THE PREPARATION OF THIS MAP WERE CONDUCTED UNDER MY DIRECT SUPERVISION, AND SAID RESULTS OF THE GROUND CONTROL SURVEYS MEET OR EXCEED THE FEMA DOCUMENTS 37 GUIDELINES, REV. JAN 1995.

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