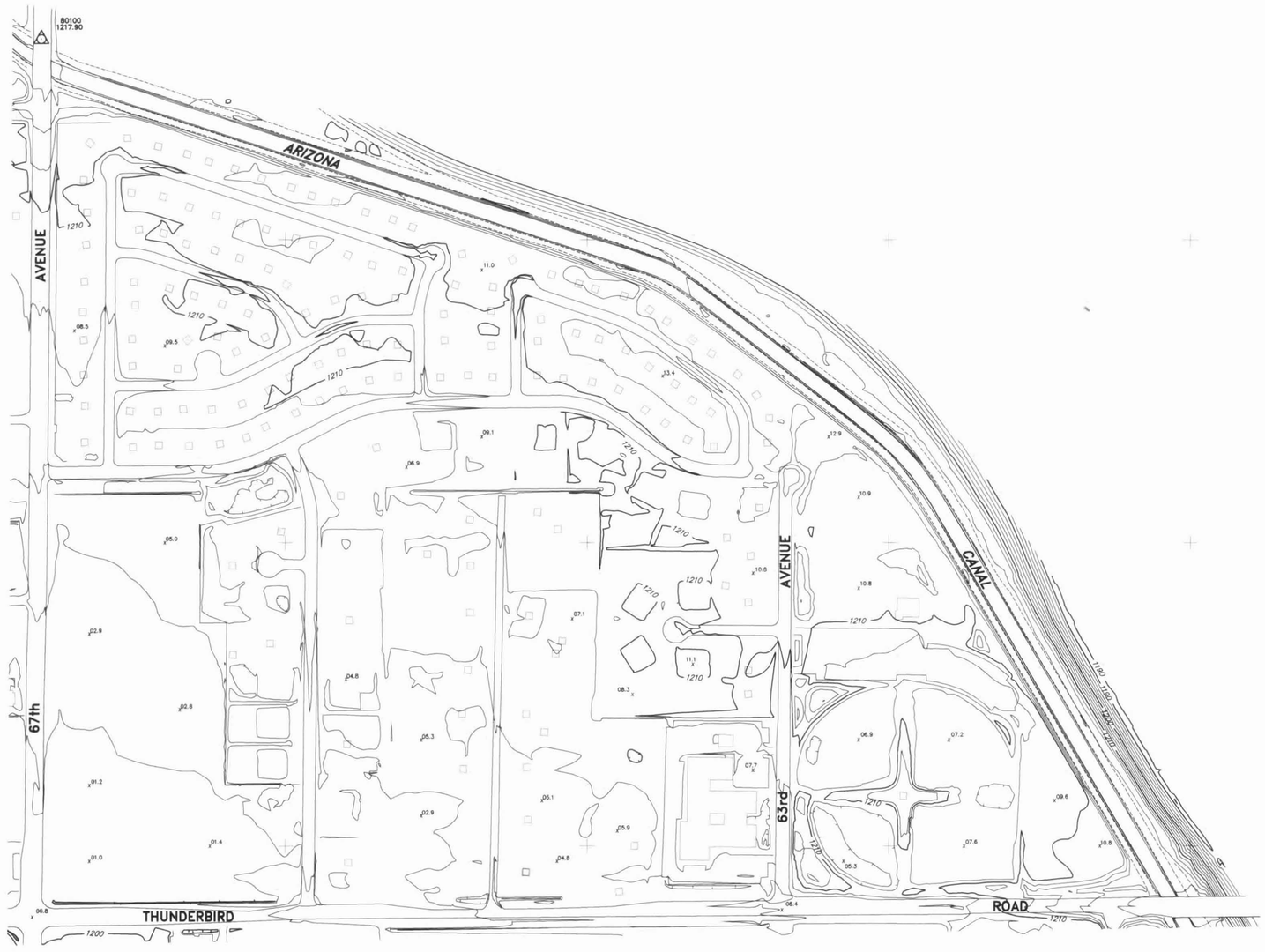


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

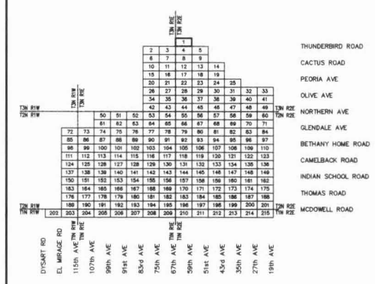
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80100	1217.90	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215

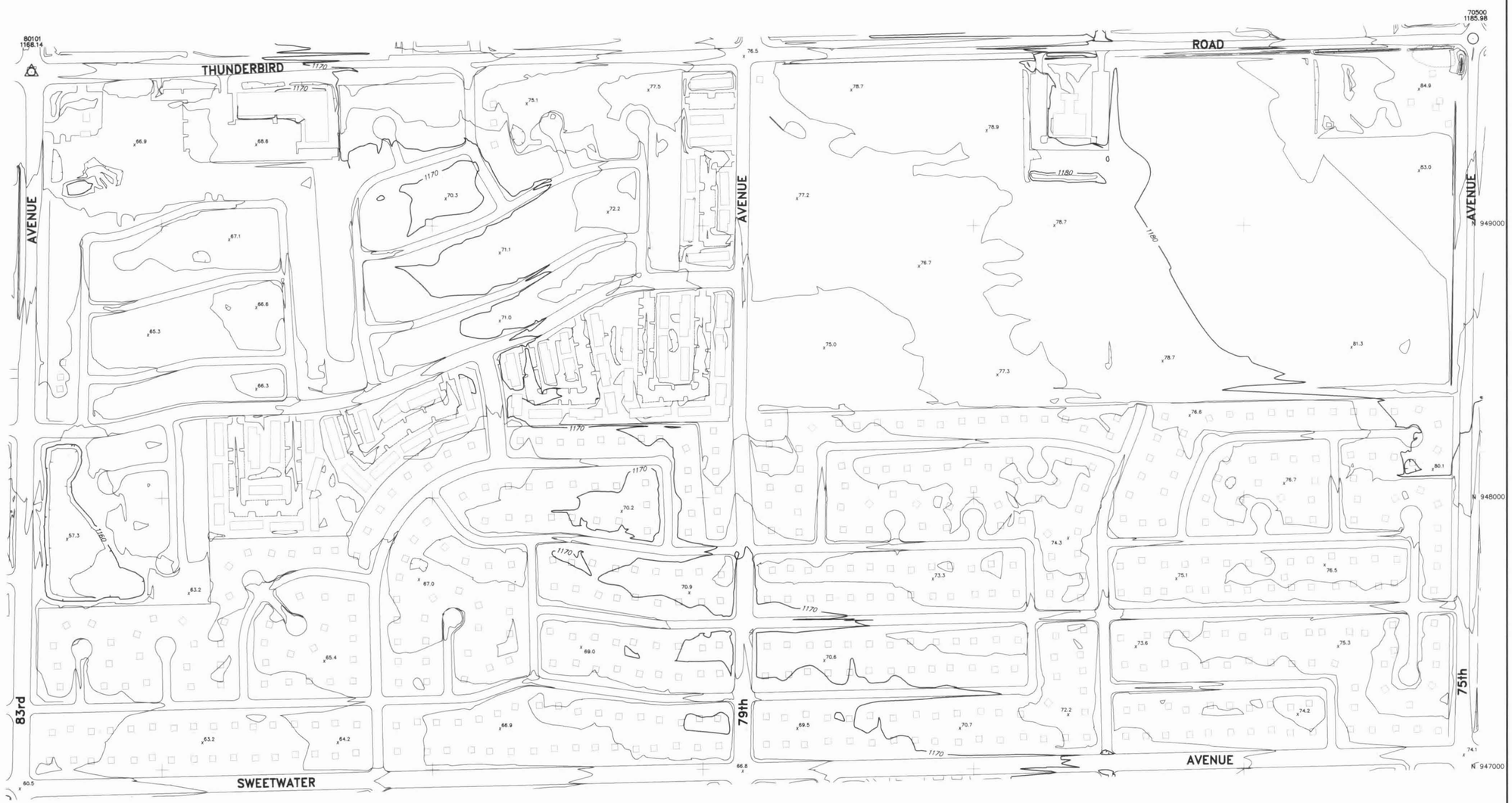
315

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
7-20-95
ARIZONA, U.S.A.

MARYVALE ADMS/TOPO #1
KENNEY AERIAL MAPPING
FCD 93-33

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

Sheets 1-7



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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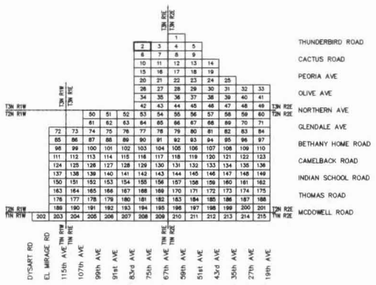
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80101	1168.14	B C H H
70500	1185.98	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS

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1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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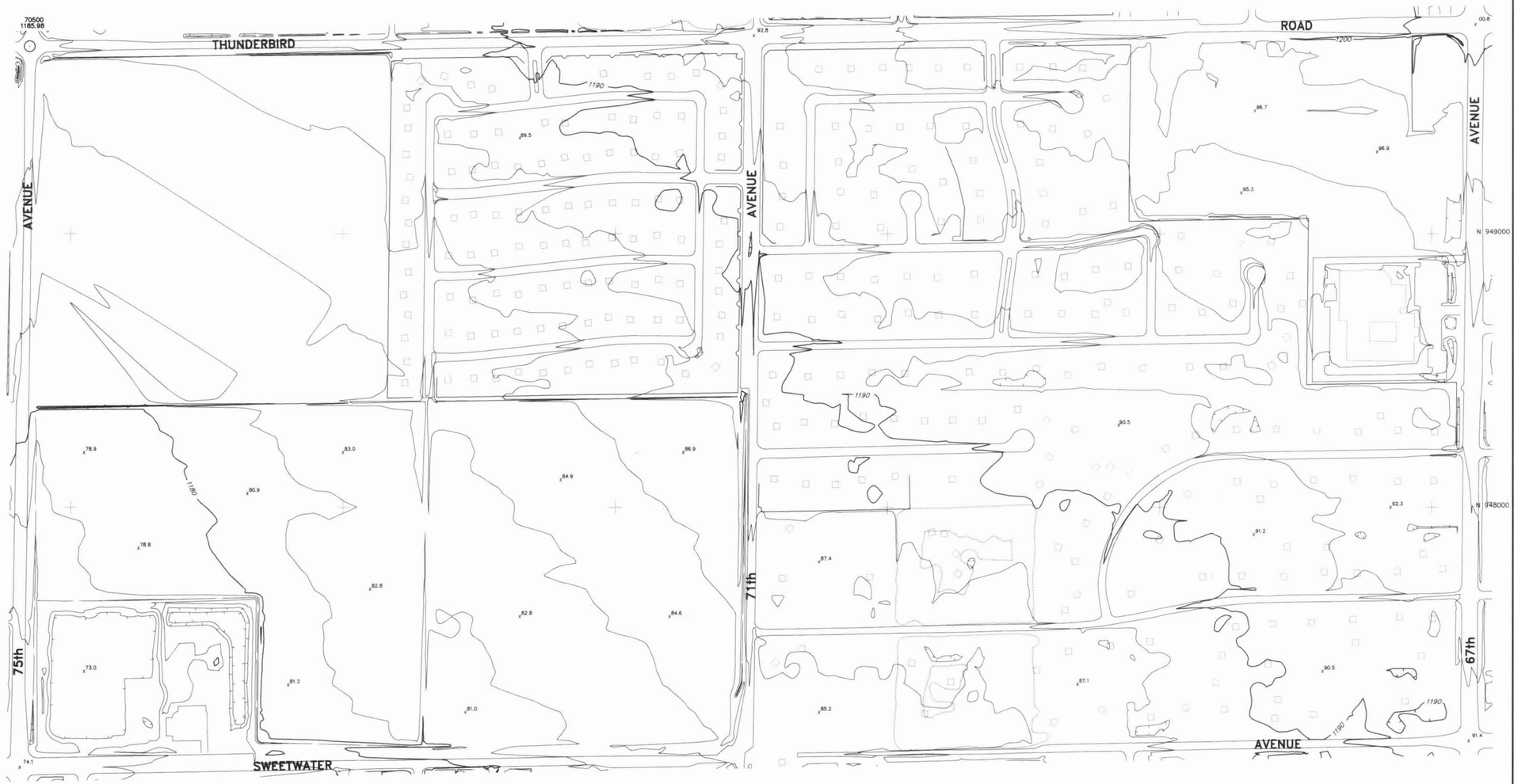

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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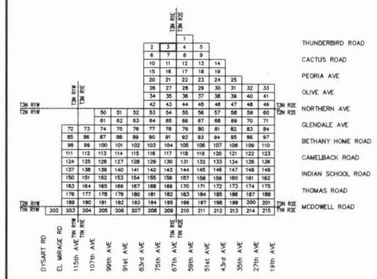
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70500	1185.98	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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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 215

CERTIFICATE NO. 4123 ROBERT M. WILLIAMS

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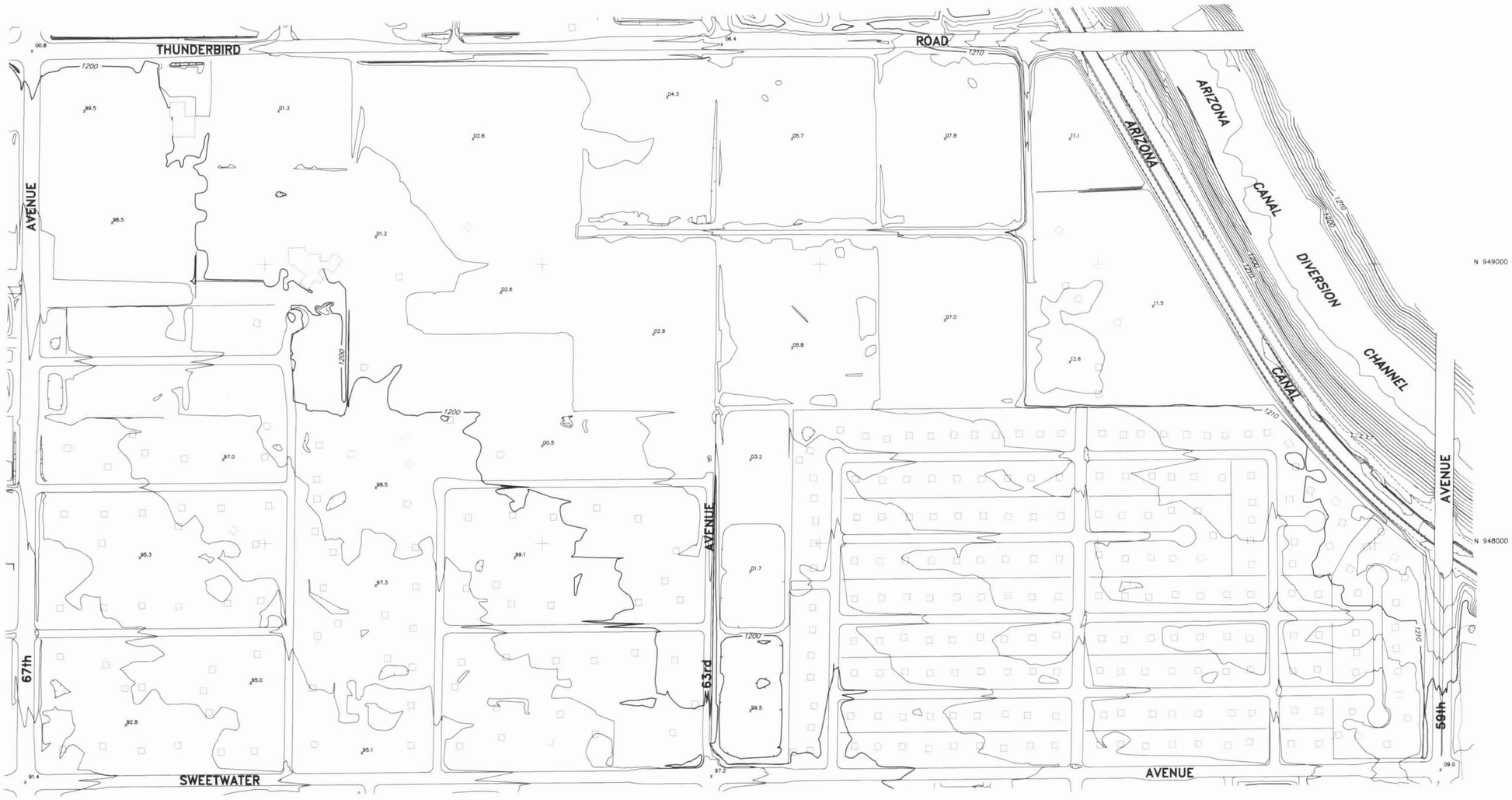

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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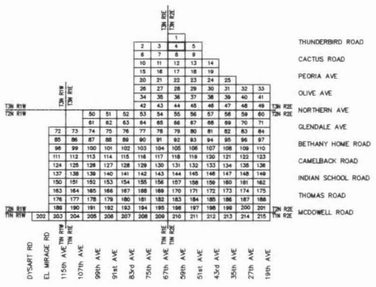
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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DESIGN		
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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 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
7-28-94
U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
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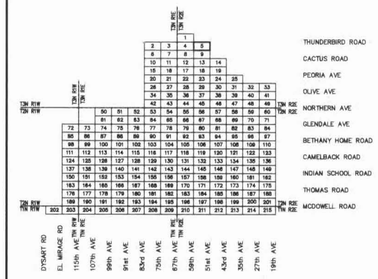
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
Date Signed 7-20-94
ARIZONA, U.S.A.

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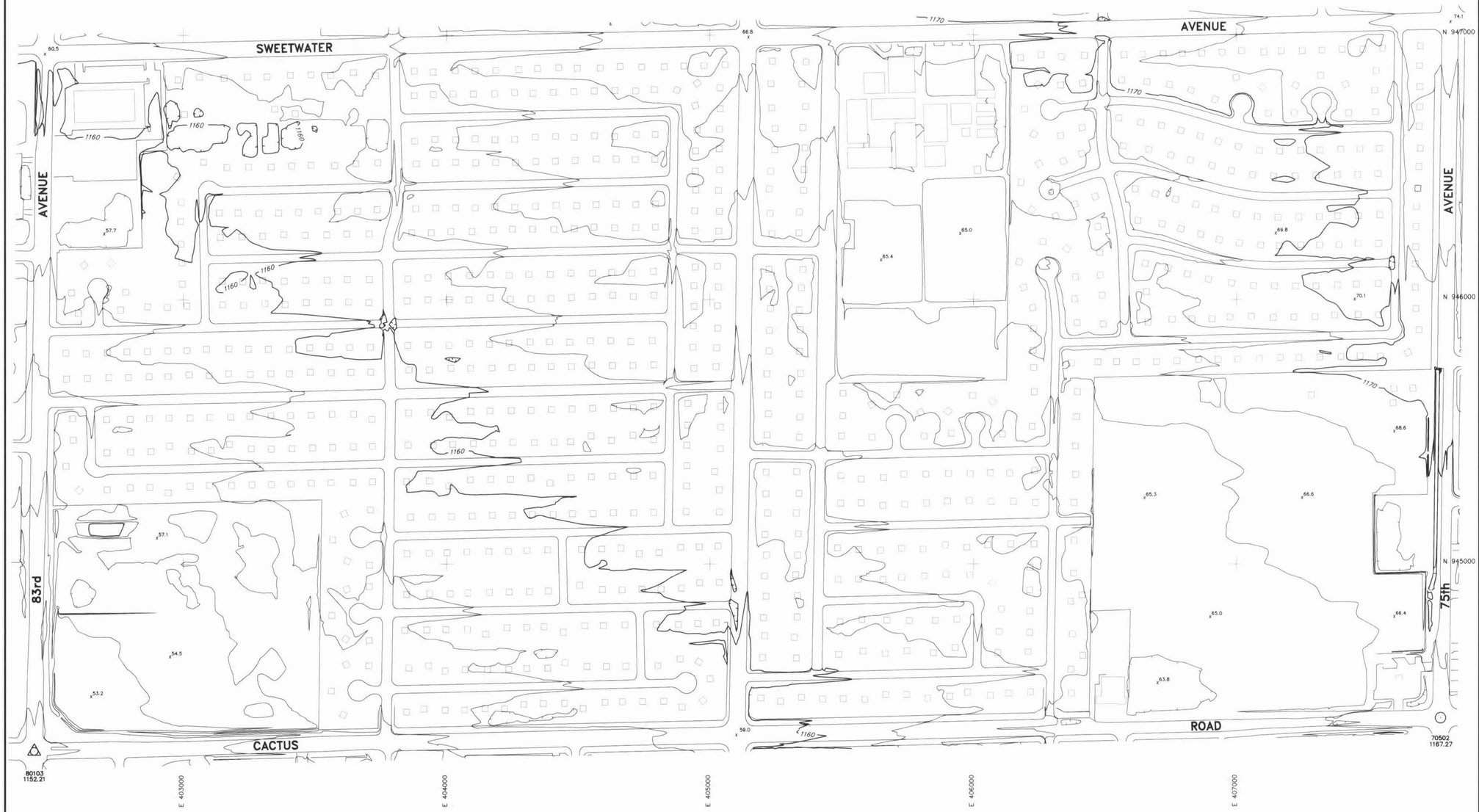
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
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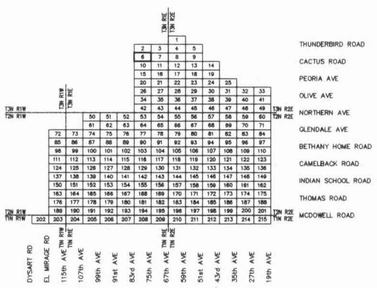
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80103	1152.21	B C H H
70502	1167.27	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
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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 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
7-20-95
ARIZONA U.S.A.

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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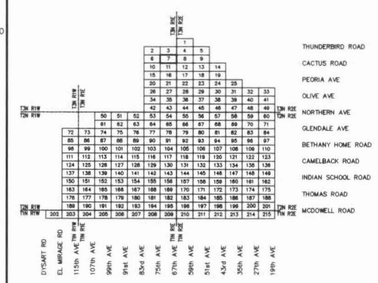
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80104	1182.97	B C H H
70502	1167.27	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 215

4123 ROBERT M. WILLIAMS 7-20-94

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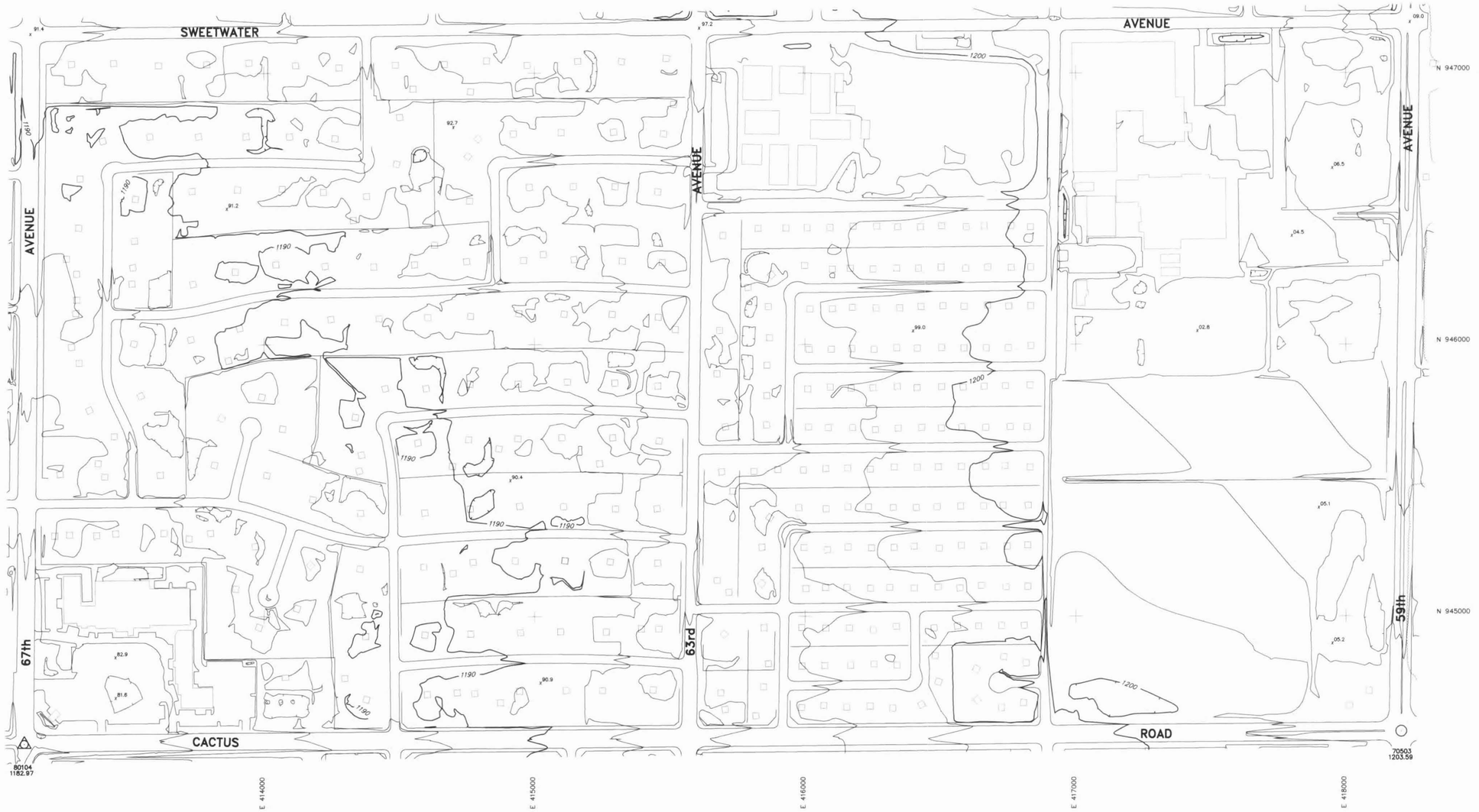

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
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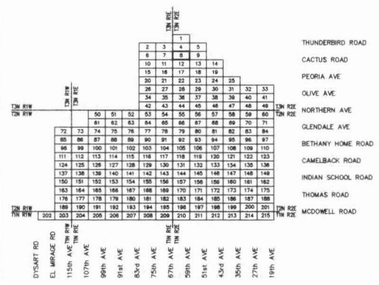
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80104	1182.97	B C H H
70503	1203.59	B C H H

INDEX MAP



0 200' 400' 600'

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FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 8 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
7-2-95
ARIZONA, U.S.A.

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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- CURB
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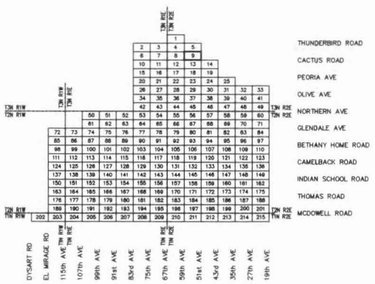
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80105	1220.75	BRASS CAP
70503	1203.59	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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DESIGN CHK.		
PLANS		
PLANS CHK.		

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 9 OF 215

REGISTERED LAND SURVEYOR
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ARIZONA U.S.A.

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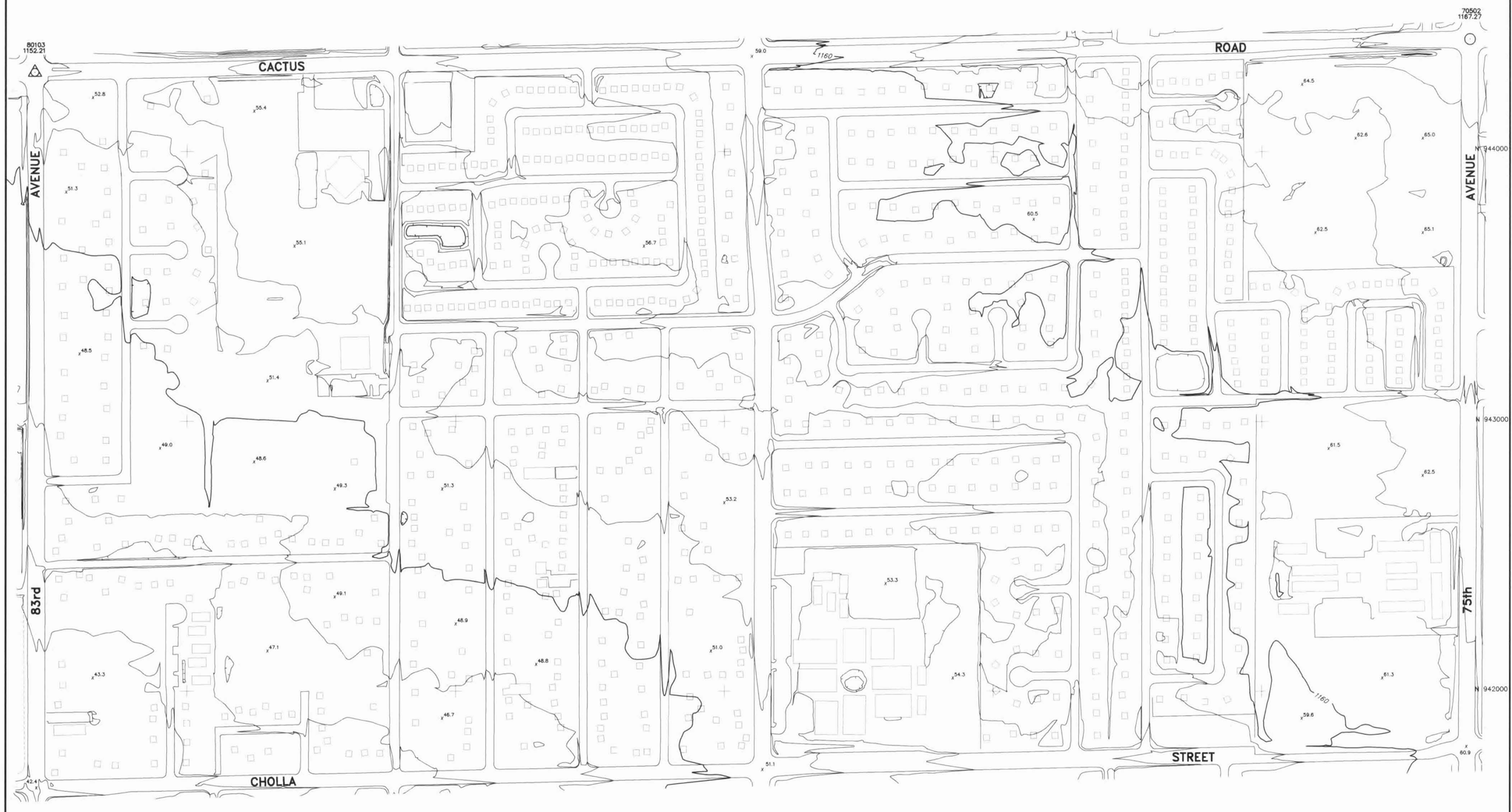

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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ELEVATION REFERENCE MARKS

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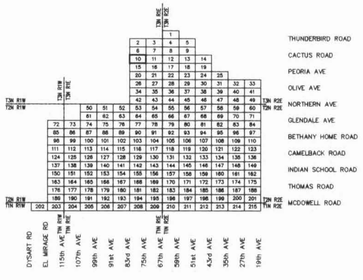
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80103	1152.21	B C H H
70502	1167.27	B C H H

INDEX MAP



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SCALE: 1" = 200'

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FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 10 OF 215

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STATE OF ARIZONA U.S.A.

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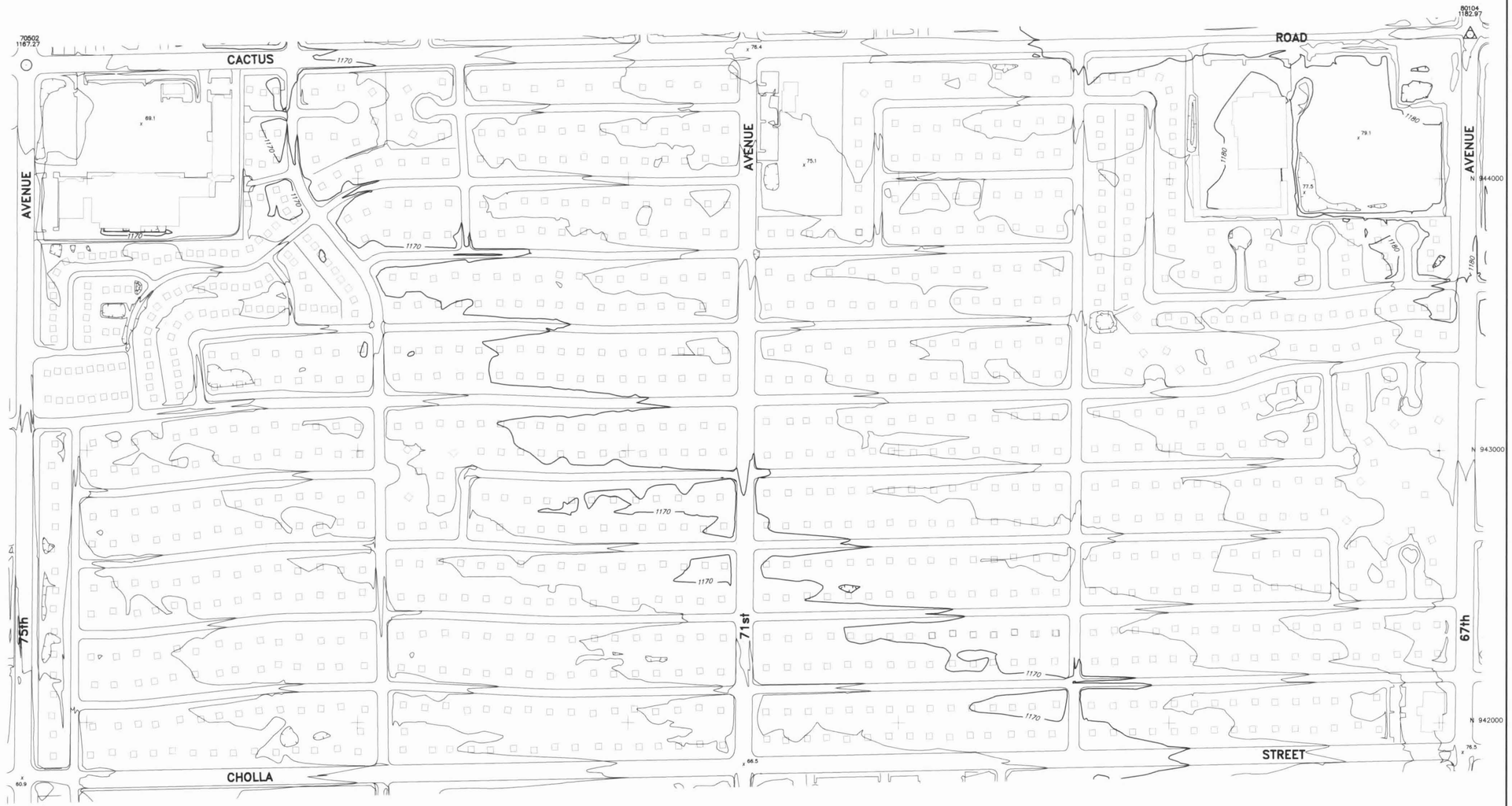
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

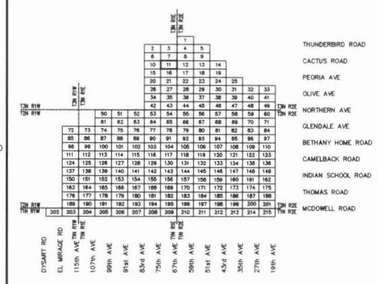
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80104	1182.97	B C H H
70502	1167.27	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

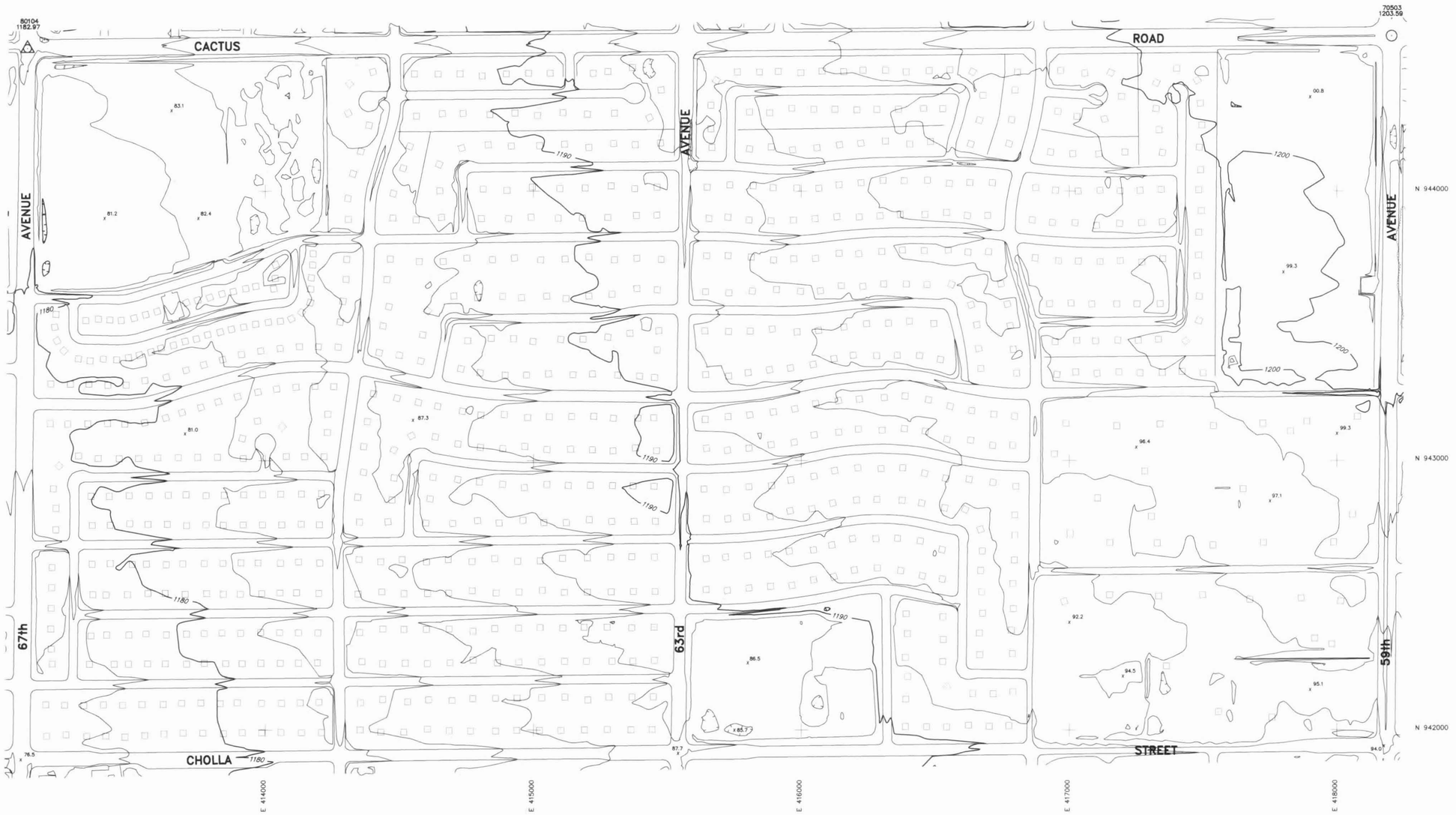
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 11 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

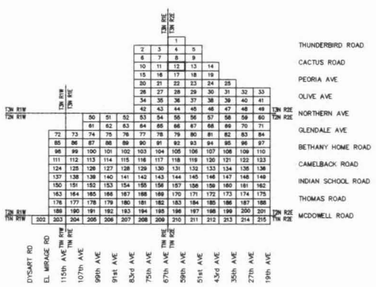
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80104	1182.97	B C H H
70503	1203.59	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

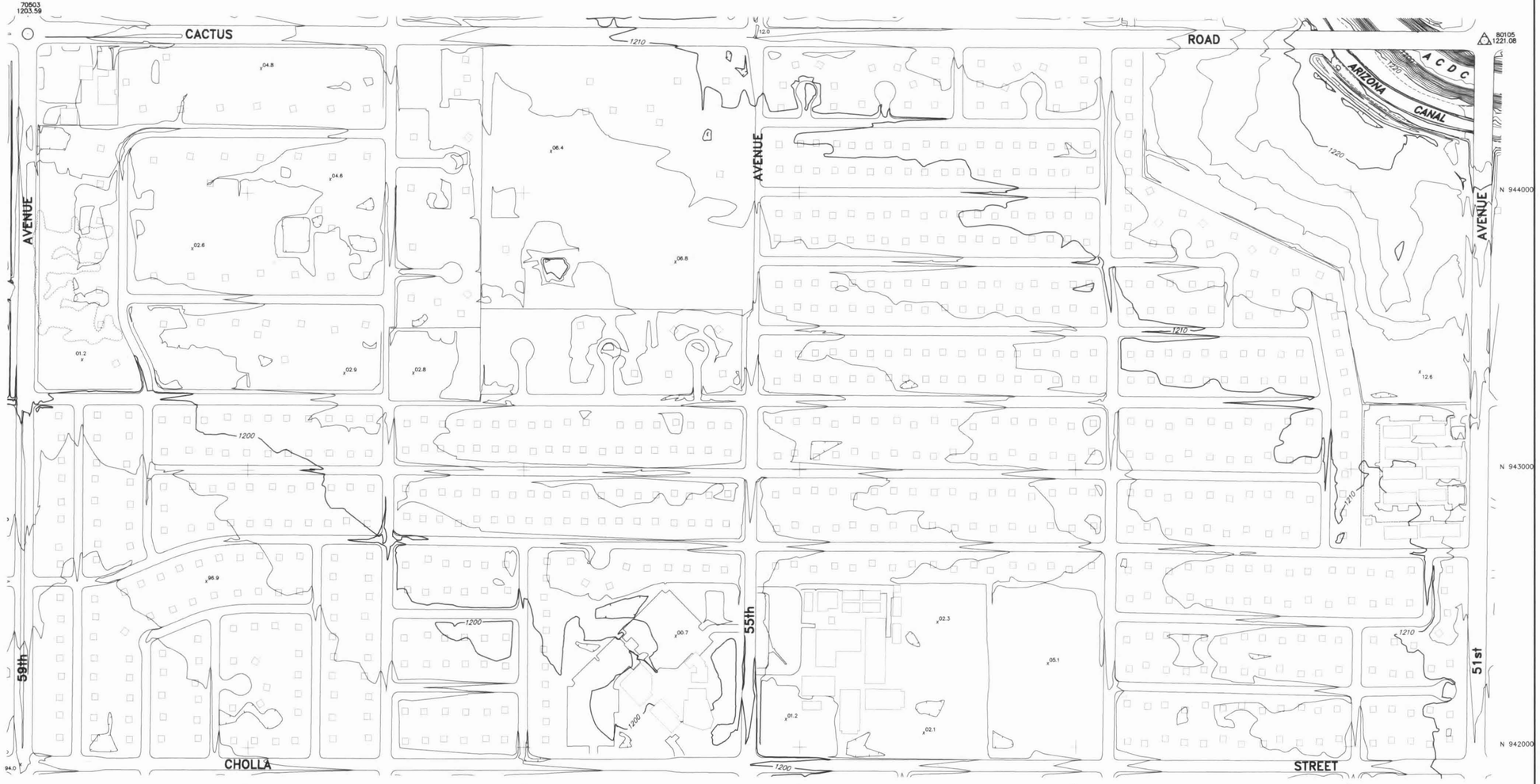
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 12 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
Date: May 7-24-95
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

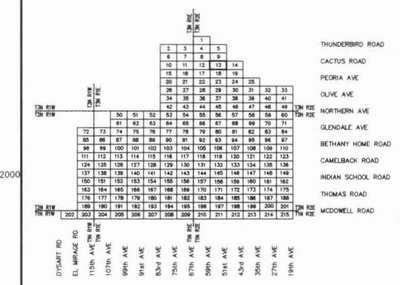
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1170 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80105	1220.75	BRASS CAP
70503	1203.59	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	--	--
DESIGN CHK.	--	--
PLANS	--	--
PLANS CHK.	--	--

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

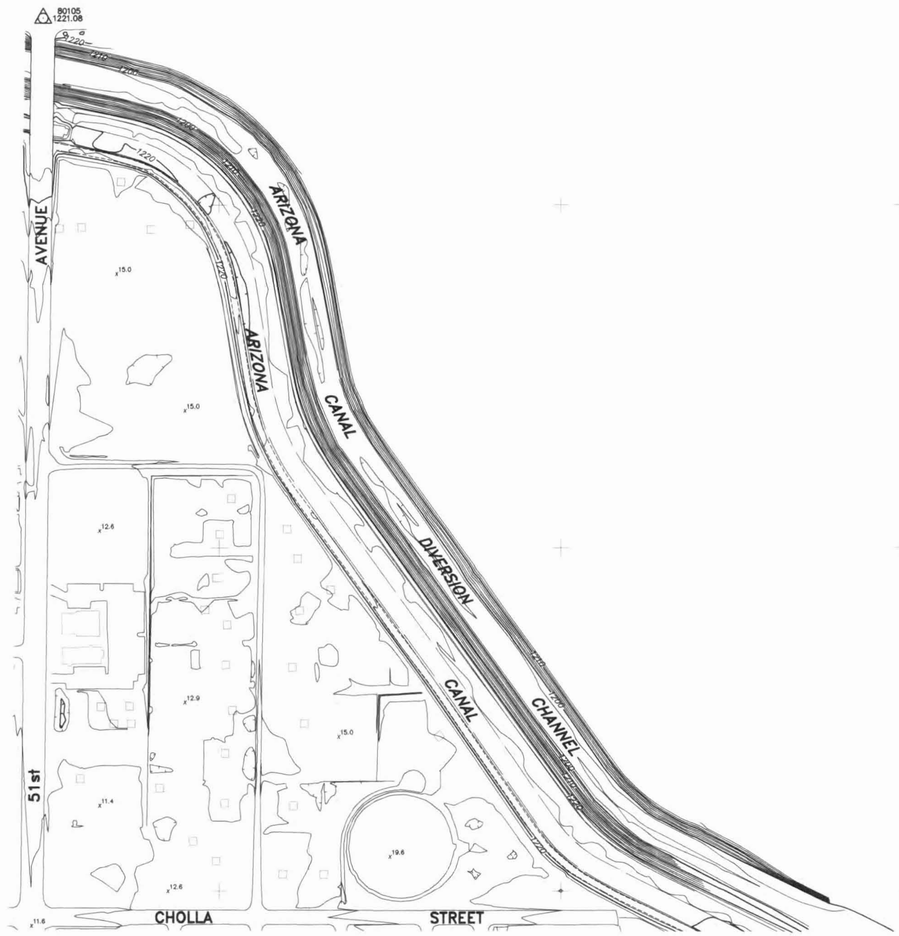
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 13 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE 4123 ROBERT M WILLIAMS DATE 7-20-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



N 944000

N 943000

N 942000

E 424000 E 425000 E 426000 E 427000 E 428000

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

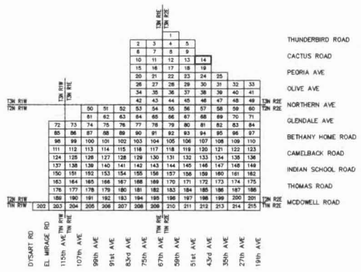
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80105	1220.75	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

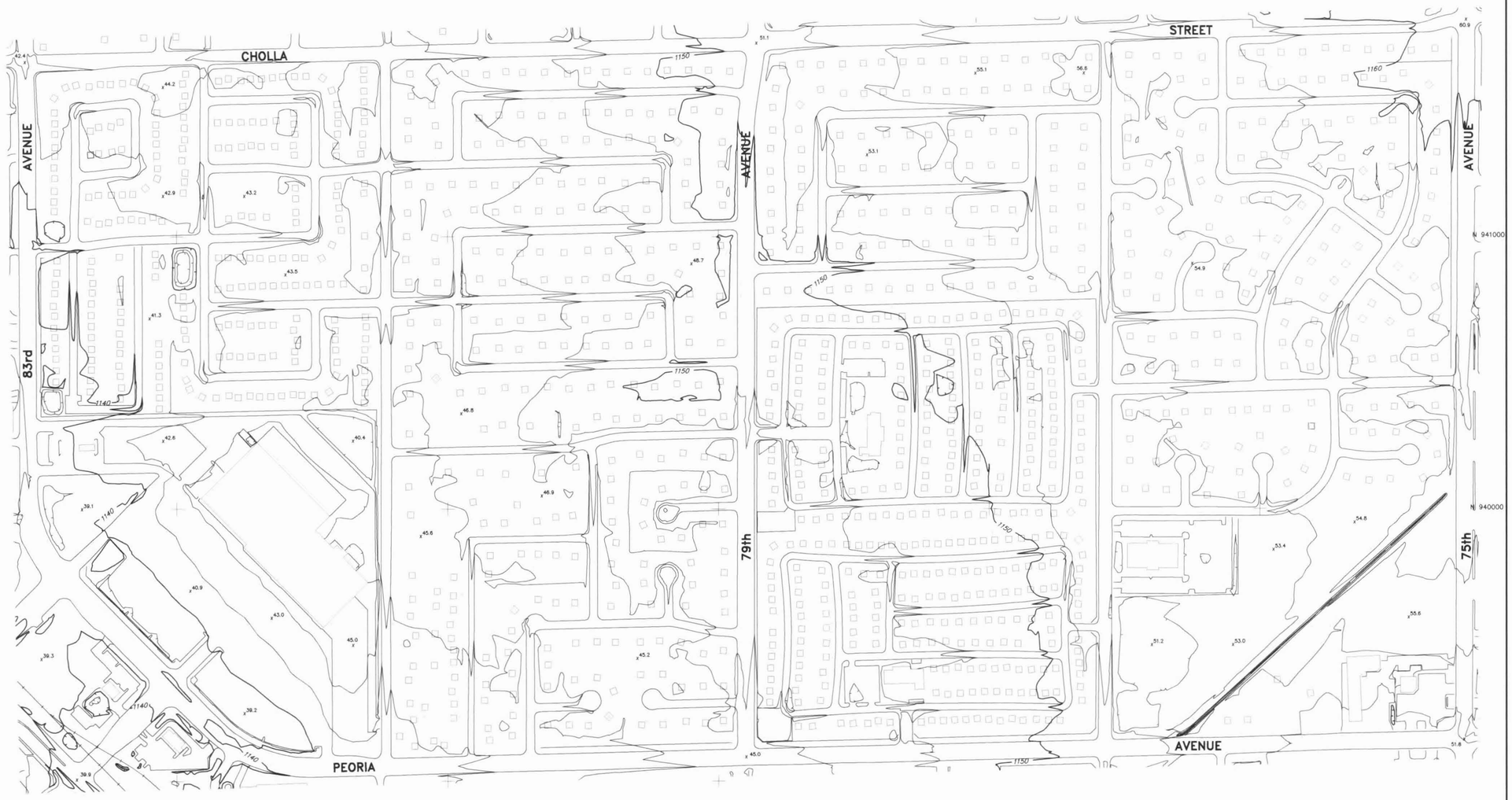
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 14 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
12-30-97
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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- IRRIGATION DITCH
- TREE LINE
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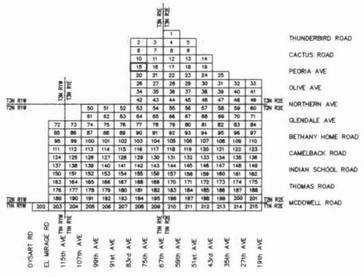
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

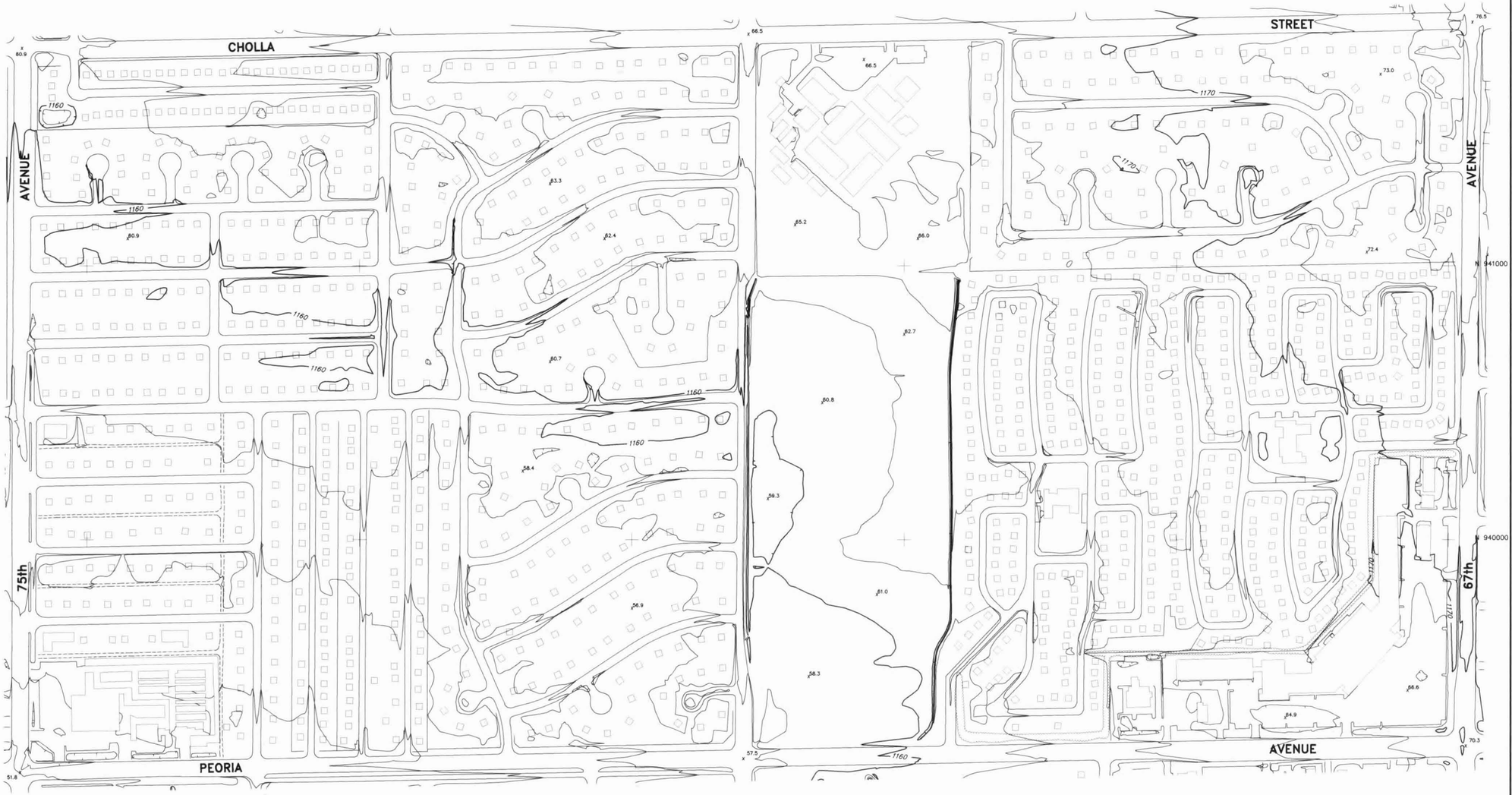
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 15 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 1123 ARIZONA U.S.A. 7-30-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
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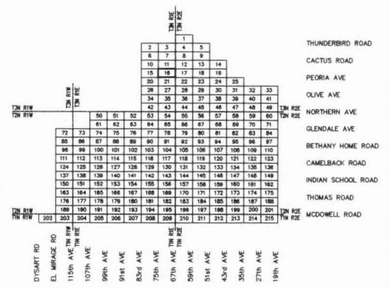
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS DATE SIGNED 7-20-94 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

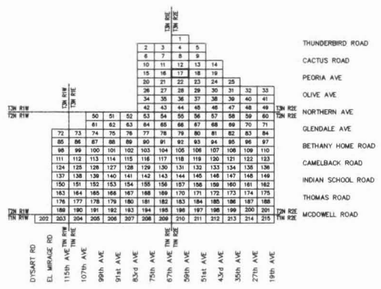
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

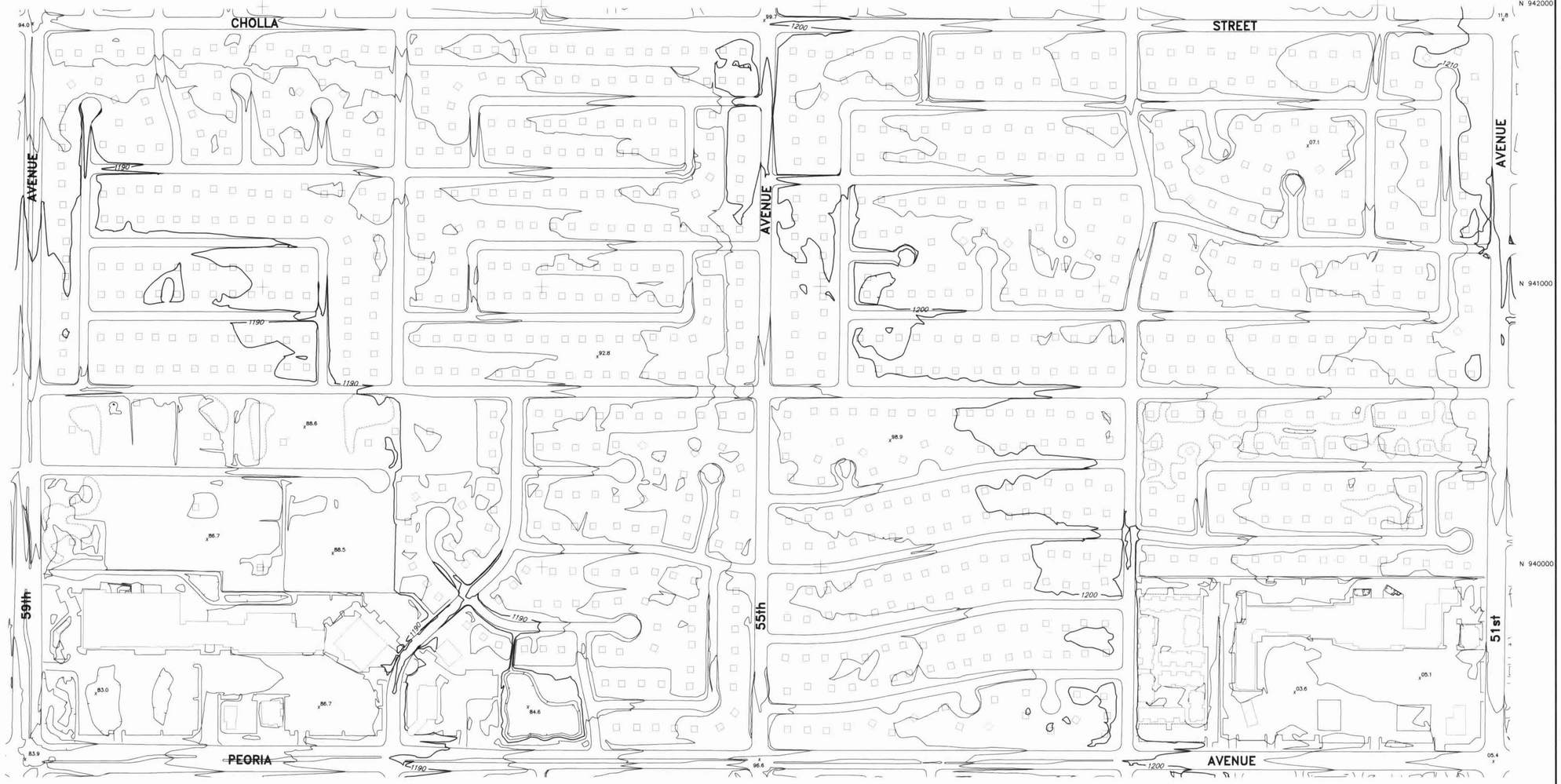
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 17 OF 215

4123 ROBERT M WILLIAMS Date Signed 7-20-94 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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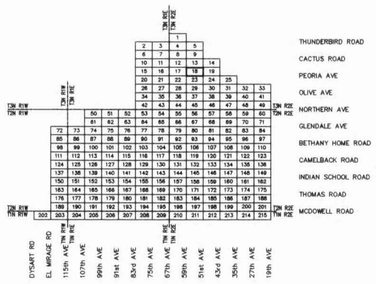
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

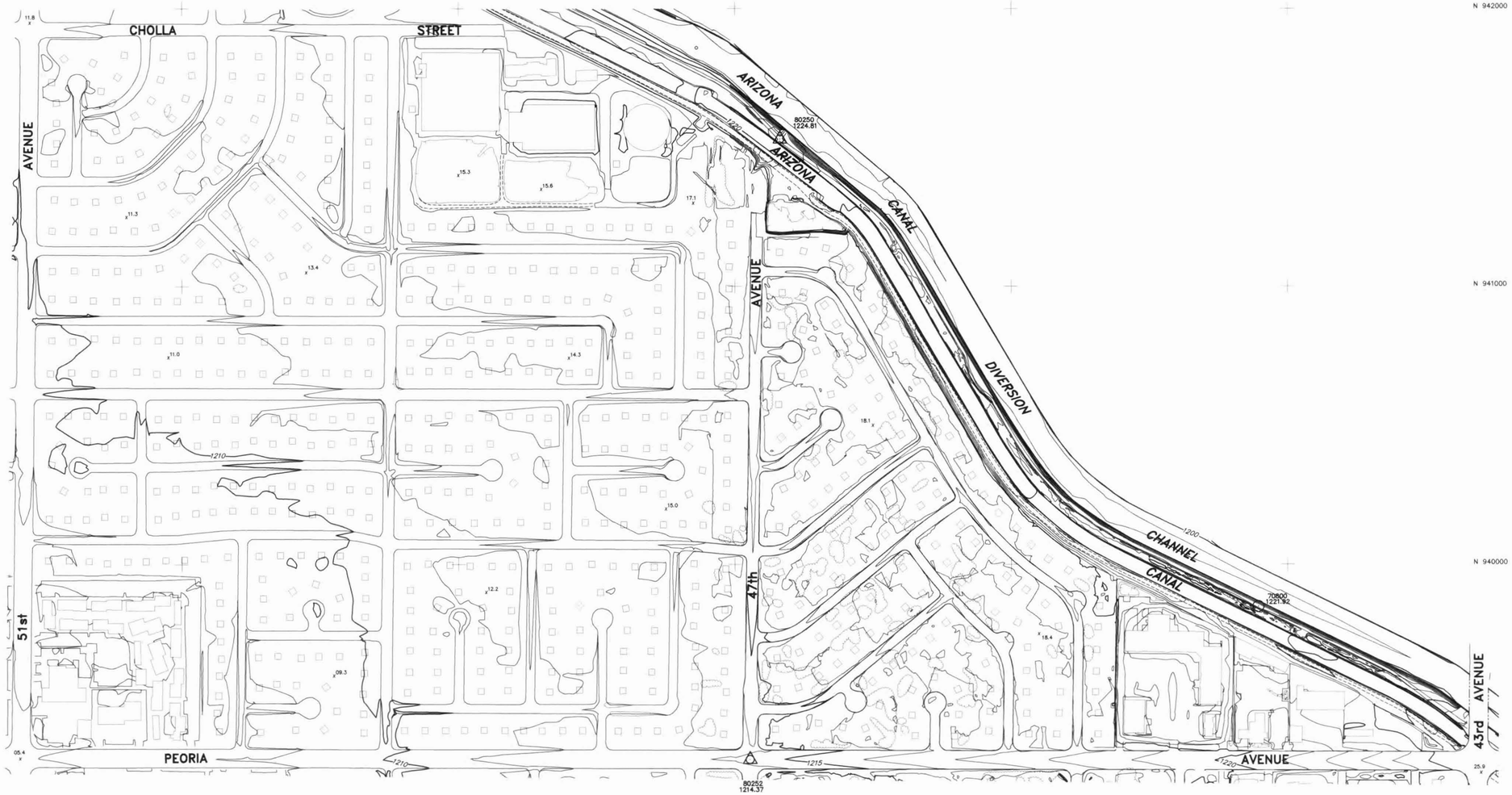
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 18 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 7123 ROBERT M WILLIAMS DATE OF SURVEY 7-28-93 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

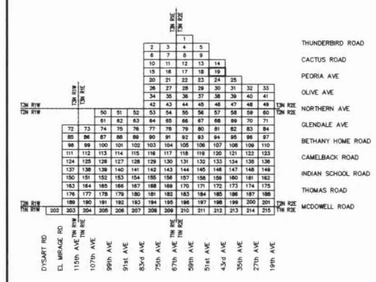
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80250	1224.81	P K NAIL
80252	1213.71	BRASS CAP
70800	1221.92	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS Date Signed 7-20-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
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- INTERMEDIATE CONTOUR
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- HORIZONTAL & VERTICAL CONTROL POINT
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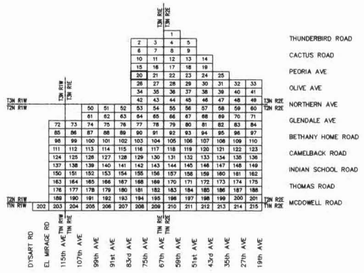
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 215

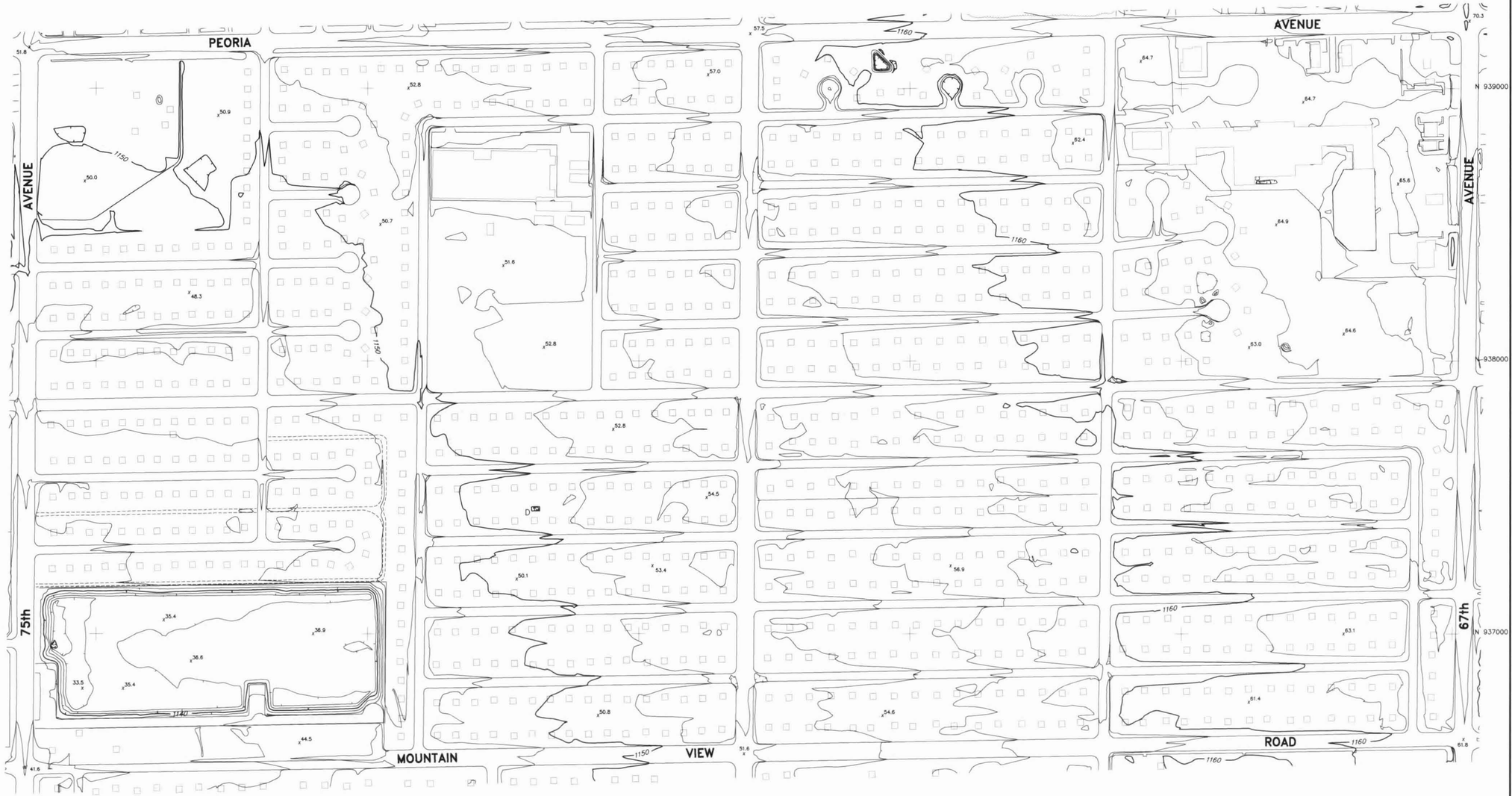
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M WILLIAMS
7-20-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

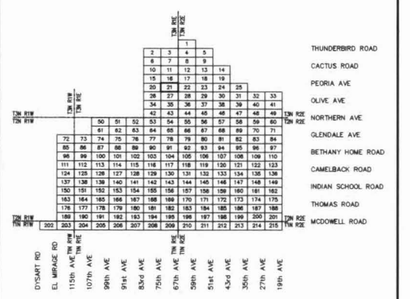
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215

REGISTERED LAND SURVEYOR 4123 ROBERT M WILLIAMS 7-10-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

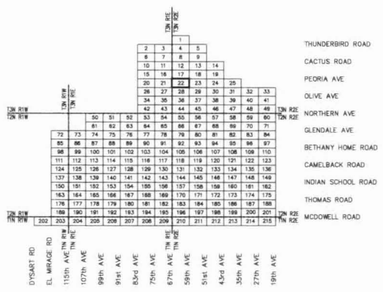
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH / DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

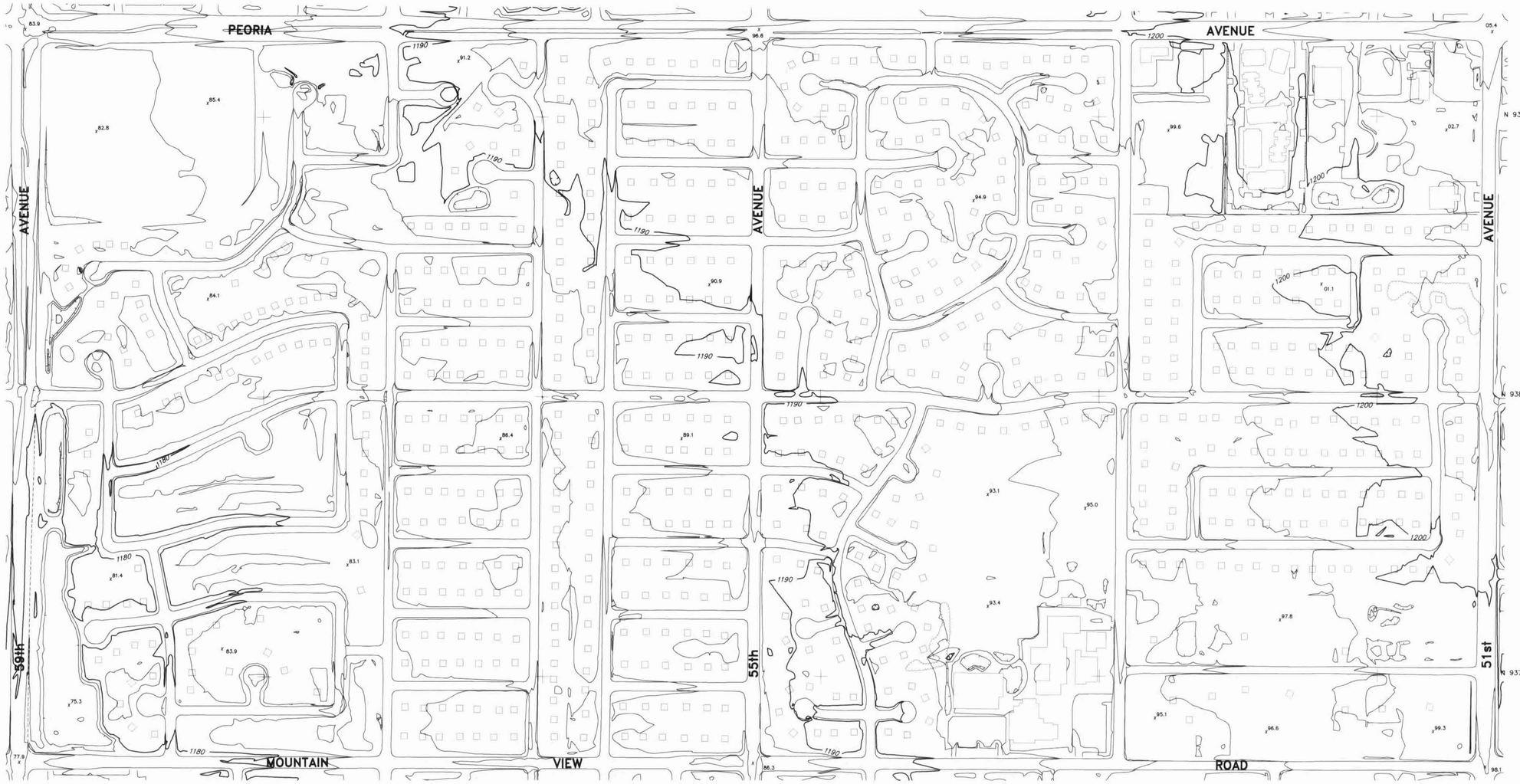
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 22 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS DATE EXPIRES 3-30-97 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
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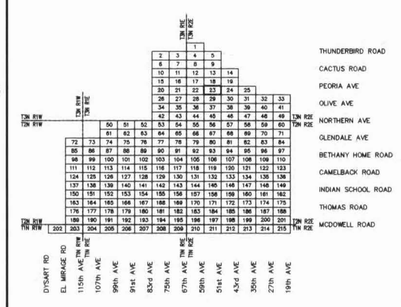
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

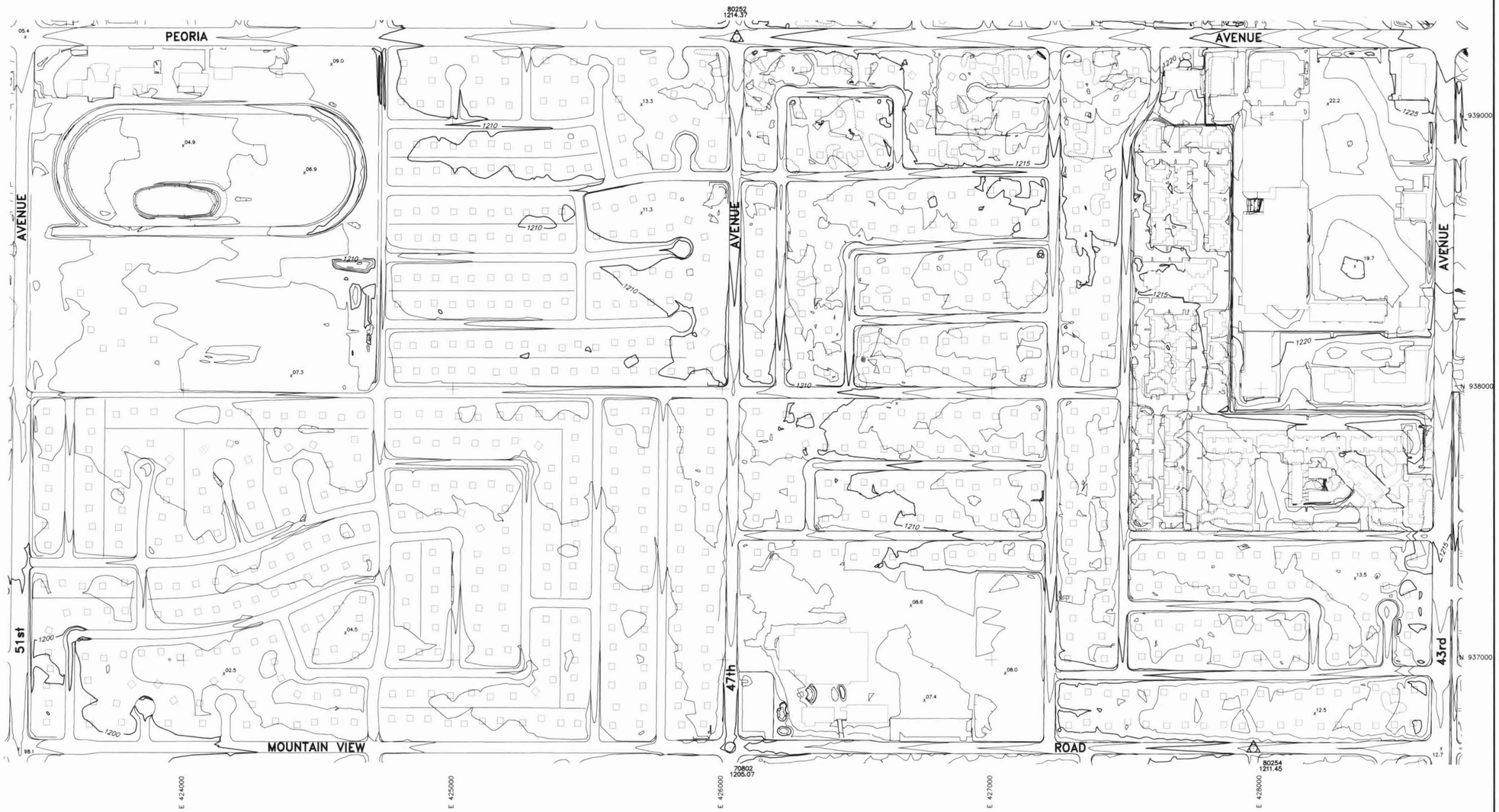
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 23 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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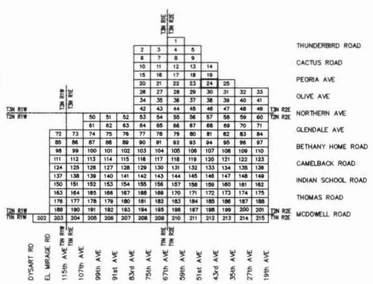
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80252	1213.71	B C H H
80254	1211.45	BRASS CAP
70802	1205.05	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	—	—
DESIGN CHK.	—	—
PLANS	—	—
PLANS CHK.	—	—

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

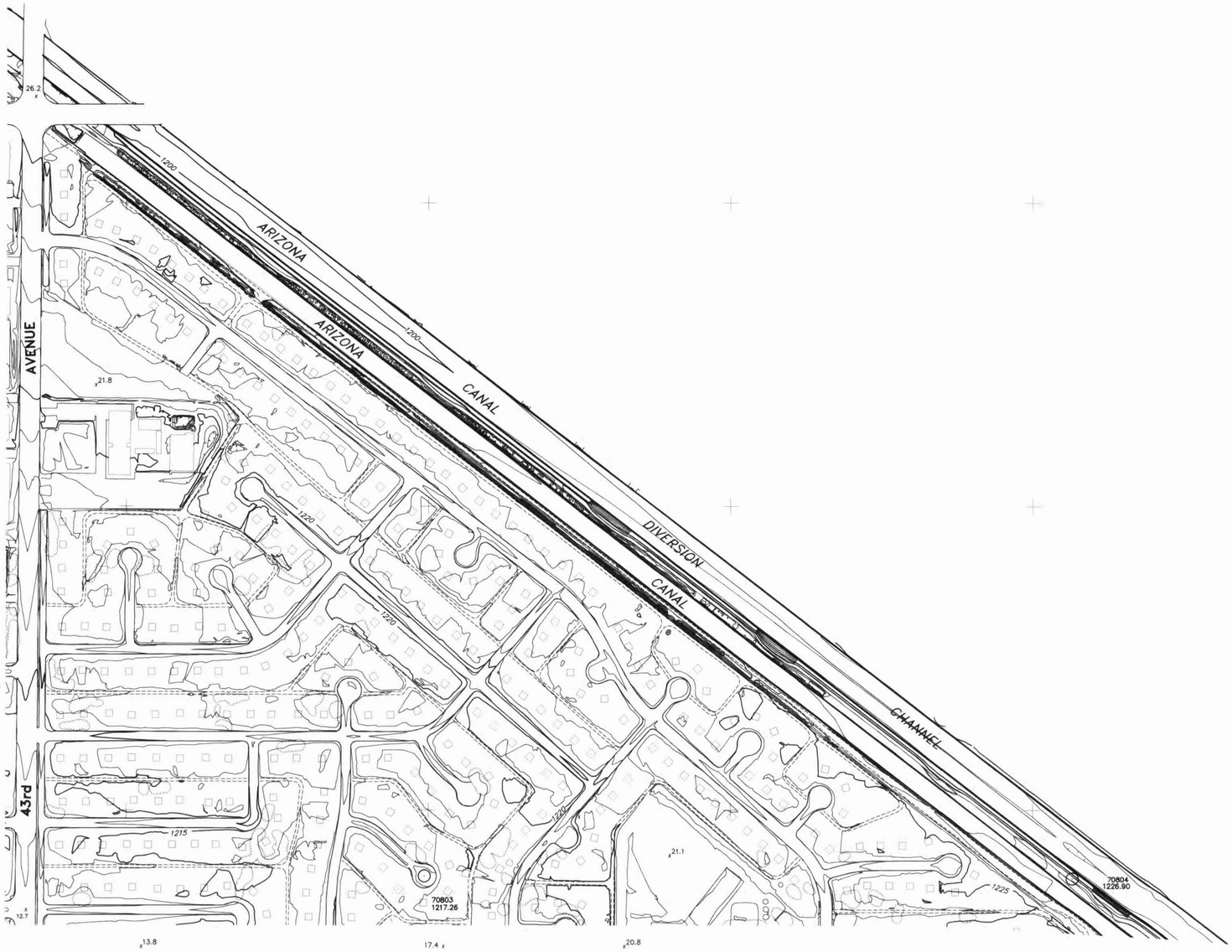
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 24 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M WILLIAMS 12-29-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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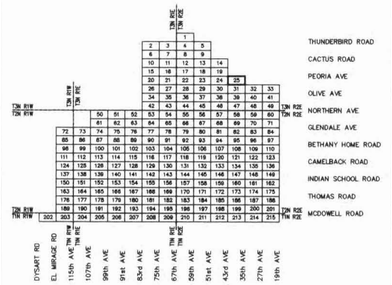
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70803	1217.26	BRASS CAP
70804	1226.90	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

DESIGN	BY	DATE
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 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
1-28-94
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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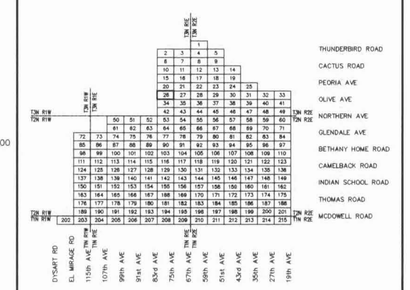
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80108	1123.61	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

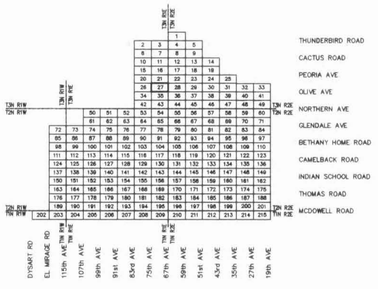
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80109	1154.33	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. ADAMS 12-31-95 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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- WASH/ DRAINAGE/WATERLINE
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- TREE LINE
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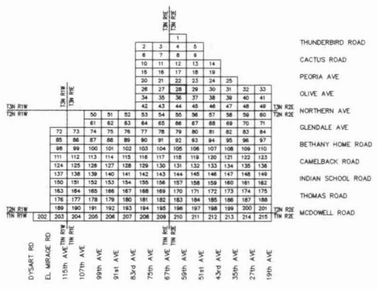
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80109	1154.33	B C H H
70506	1172.80	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 28 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS DATE 4-15-94 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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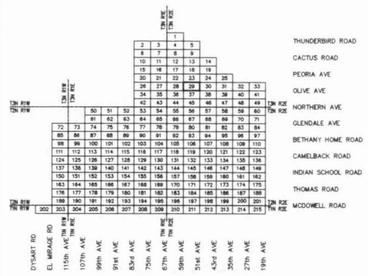
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80110	1190.81	B C H H
70506	1172.80	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 29 OF 215

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

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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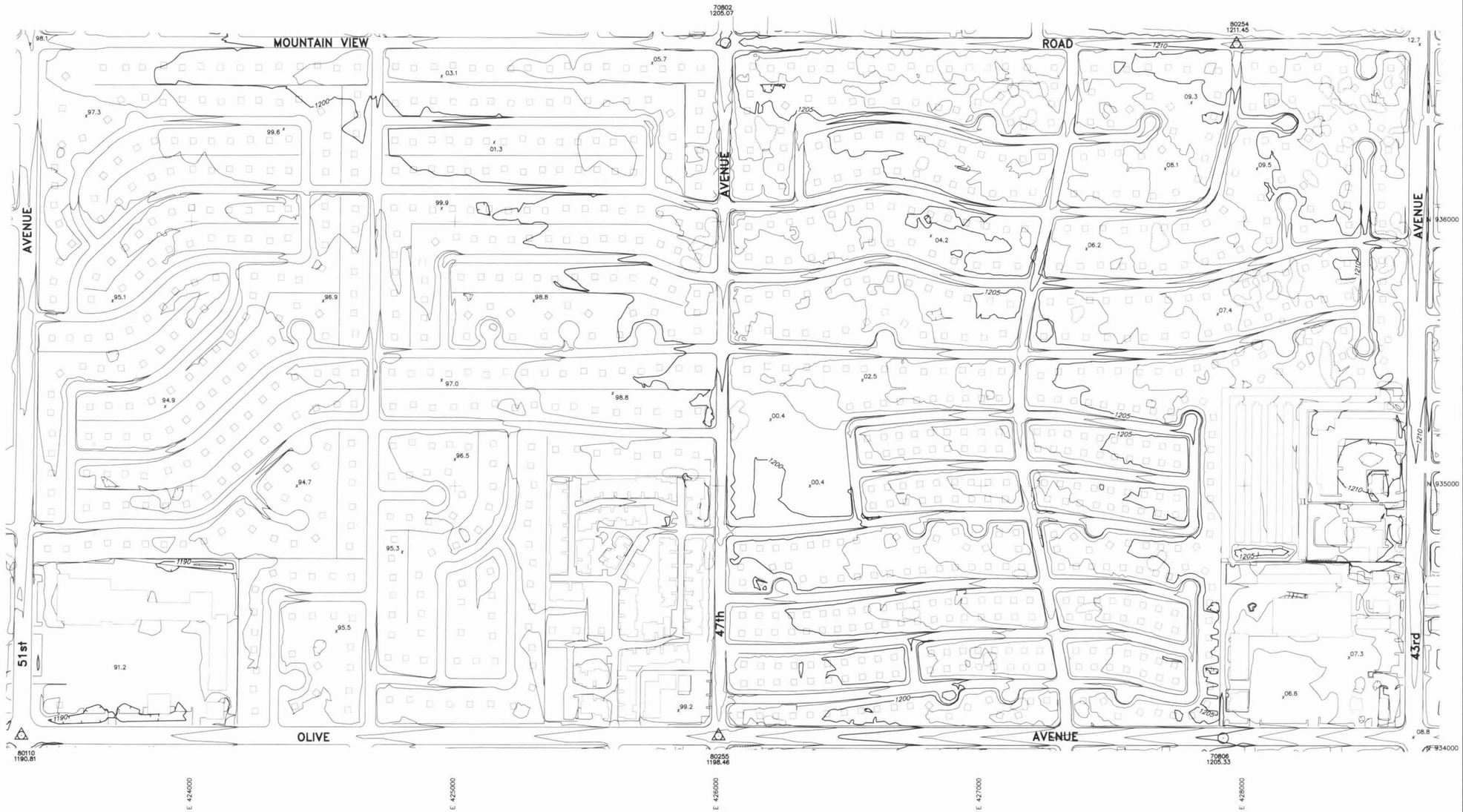

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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ELEVATION REFERENCE MARKS

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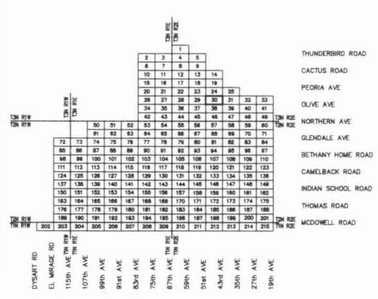
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80110	1190.81	B C H H
80254	1211.45	BRASS CAP
80255	1198.46	B C H H
70802	1205.07	BRASS CAP
70806	1205.33	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 30 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
Date Signed 7-26-94

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1'& 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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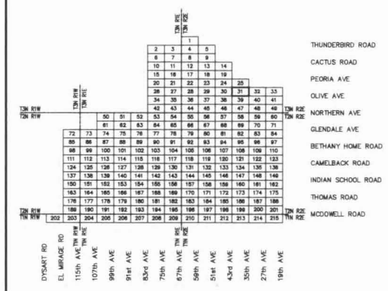
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80106	1229.12	BRASS CAP
80256	1213.42	P K NAIL
80257	1220.36	BRASS CAP
70807	1216.43	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

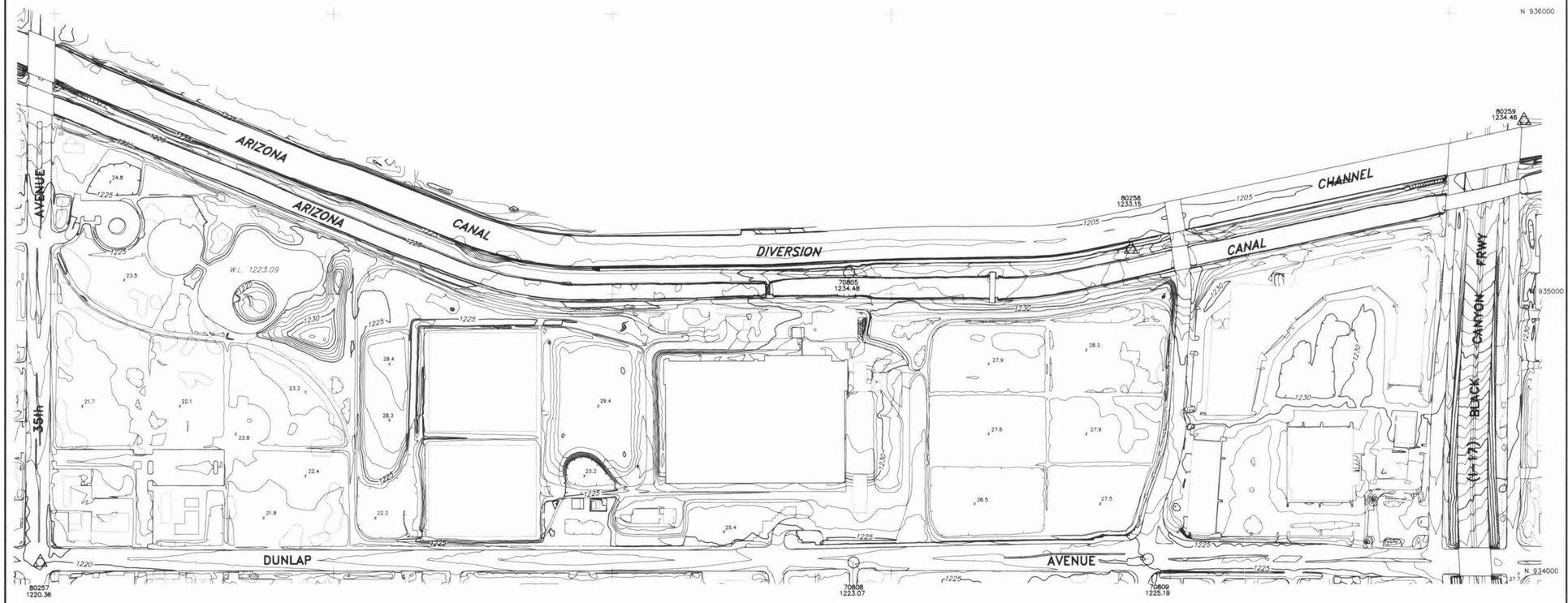
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 31 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
12-29-94
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

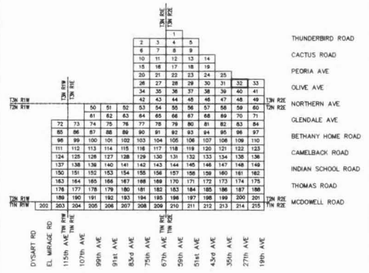
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80257	1220.36	BRASS CAP
80258	1223.15	P K NAIL
80259	1234.46	P K NAIL
70805	1234.48	P K NAIL
70808	1223.07	BRASS CAP
70809	1225.19	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

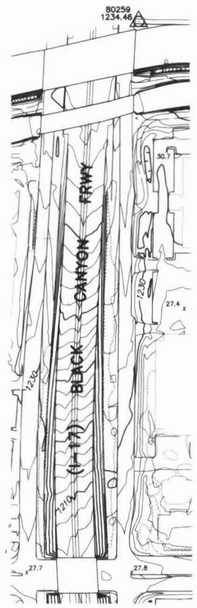
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 32 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 6-21-95 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

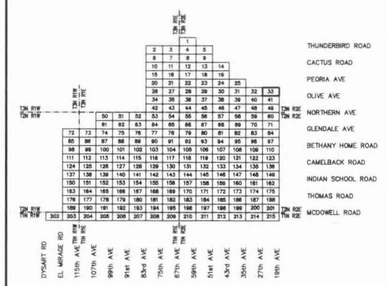
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80259	1234.46	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 33 OF 215

4123 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

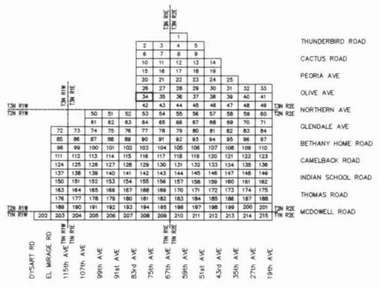
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80108	1123.61	B C H H
70505	1132.76	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 34 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
Date Signed 4-28-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

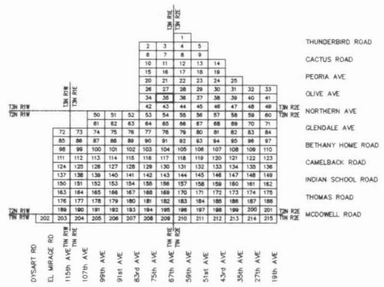
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80109	1154.33	B C H H
70505	1132.76	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 35 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
DATE SIGNED 12-22-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

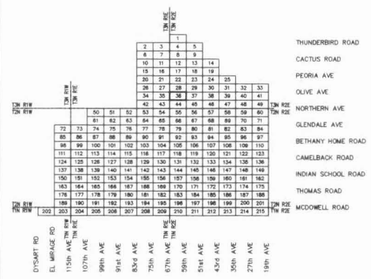
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80109	1154.33	B C H H
70506	1172.80	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

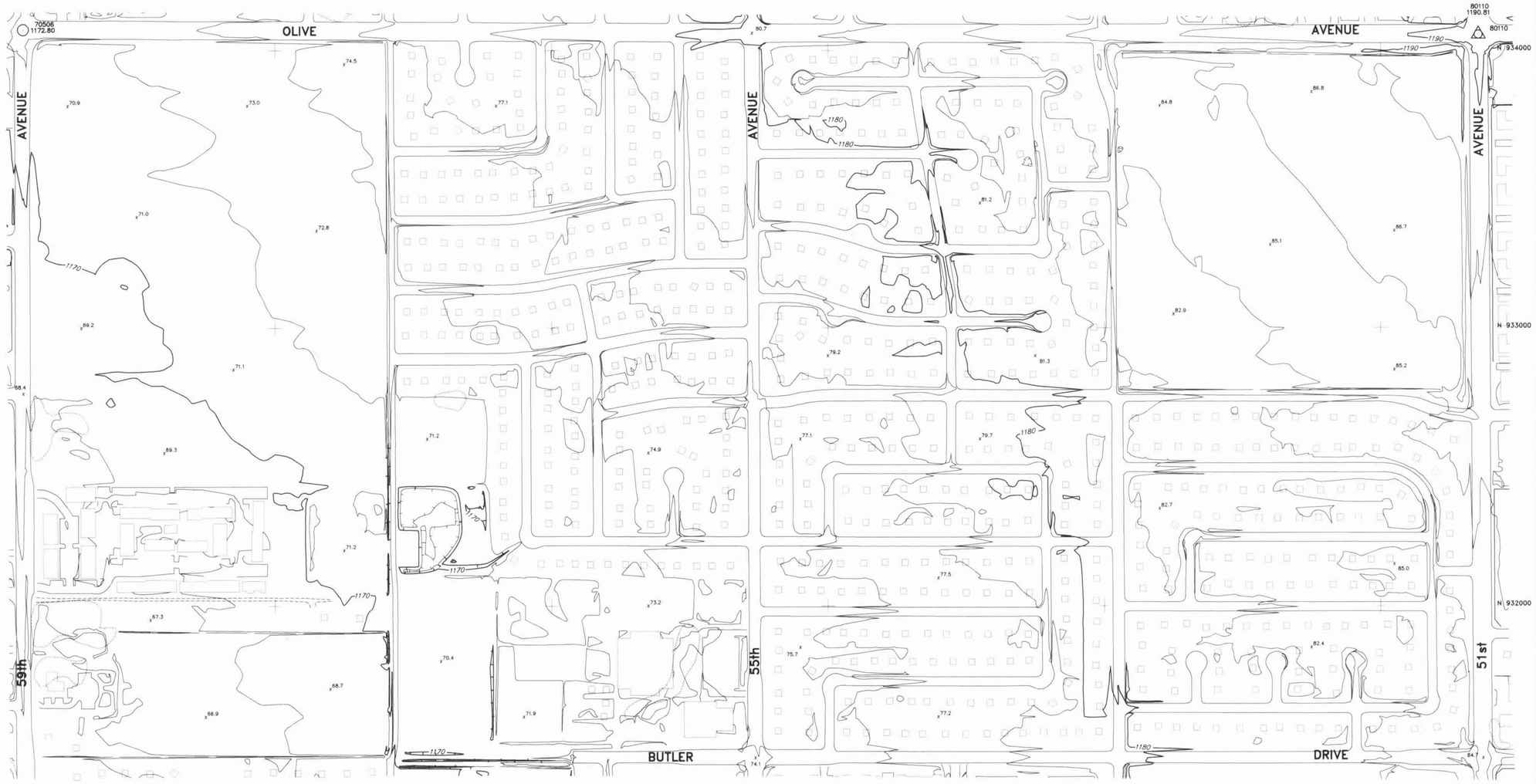
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 36 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
4-28-94
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

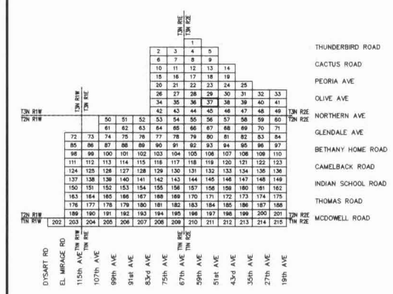
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80110	1190.81	B C H H
70506	1172.80	B C H H

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

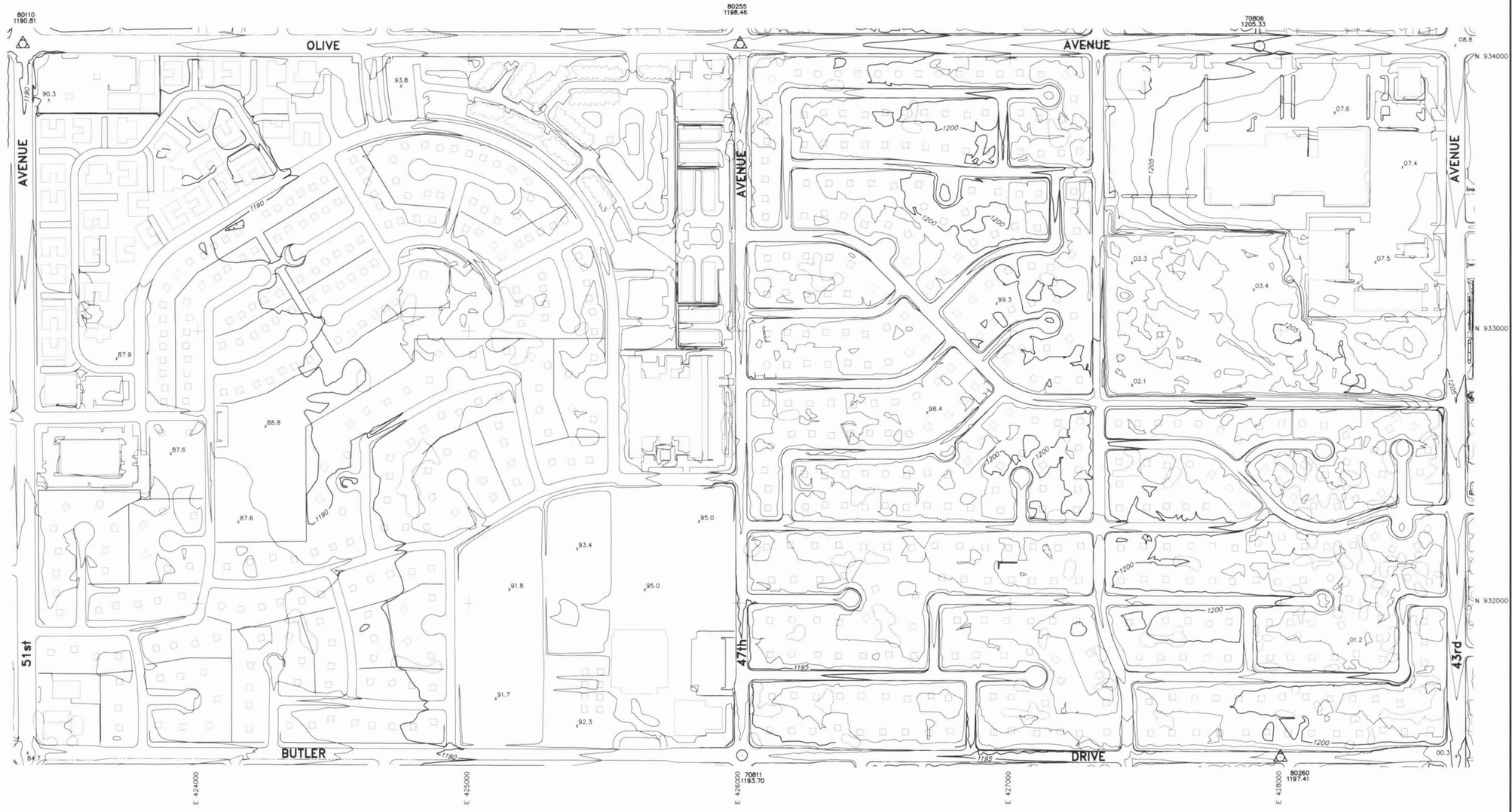
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 37 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
Expires 12-31-95
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

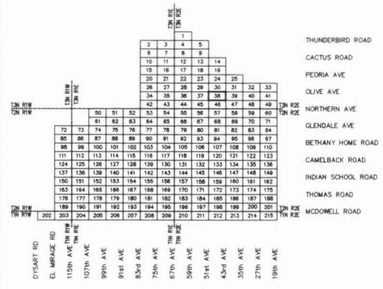
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80110	1190.81	B C H H
80255	1198.46	B C H H
80260	1197.41	P K NAIL
70806	1205.33	P K NAIL
70811	1193.70	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

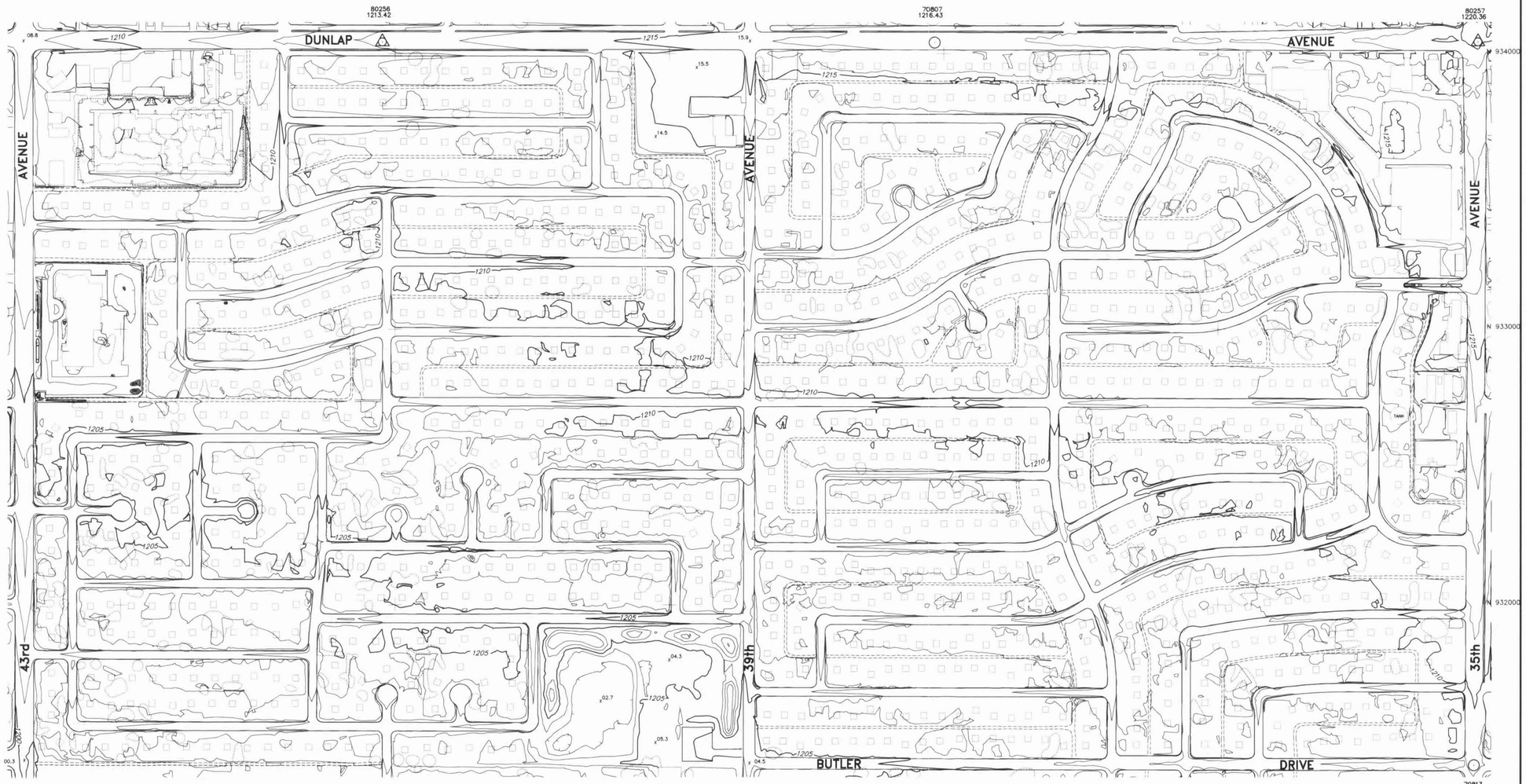
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 38 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
DATE SIGNED 4-28-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

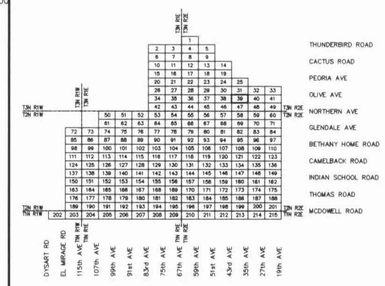
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1170 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80256	1213.42	P K NAIL
80257	1220.36	B C H H
70807	1216.43	P K NAIL
70813	1208.90	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 39 OF 215

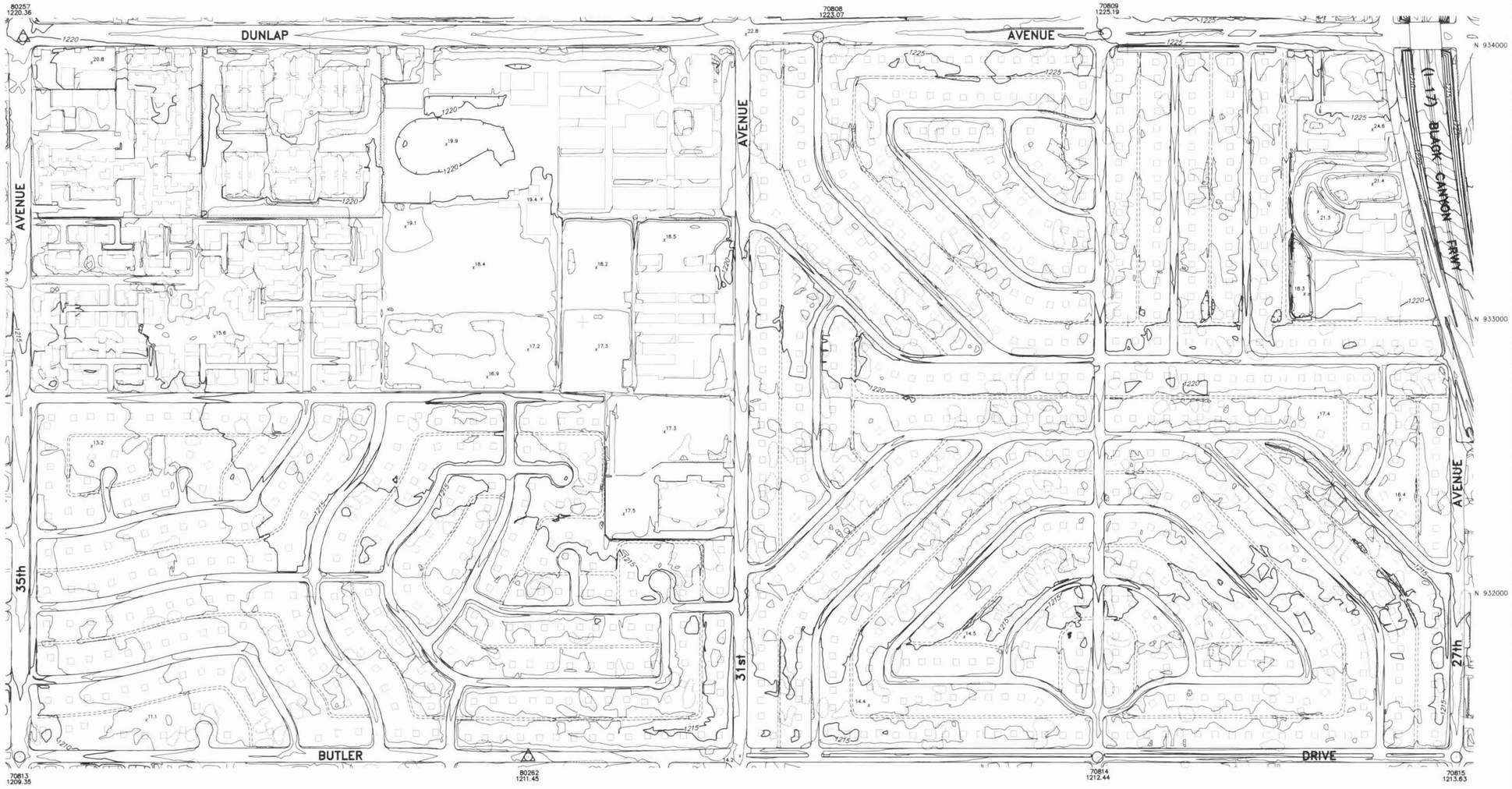
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
1123
ROBERT M. WILLIAMS
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
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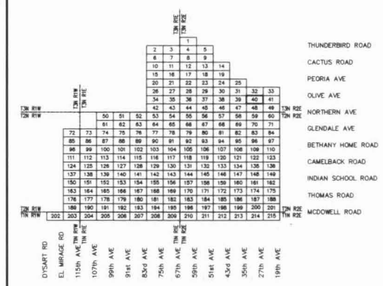
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80257	1220.36	BRASS CAP
80262	1211.45	P K NAIL
70808	1223.07	BRASS CAP
70809	1225.19	P K NAIL
70813	1208.90	BRASS CAP
70814	1212.44	BRASS CAP
70815	1212.93	R B IN H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

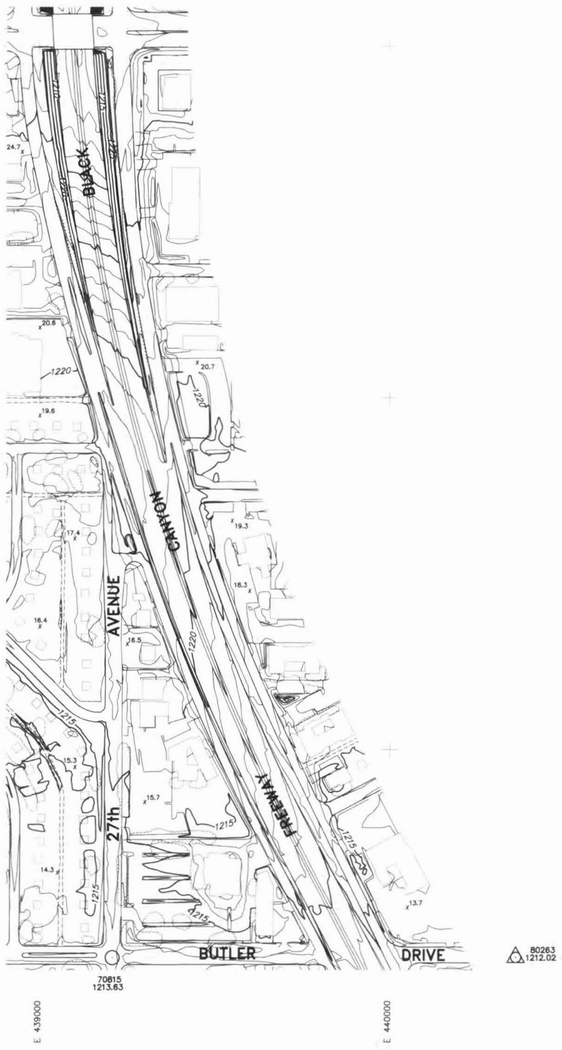
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 40 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



N 934000

N 933000

N 932000

E. 439000

E. 440000

E. 441000

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

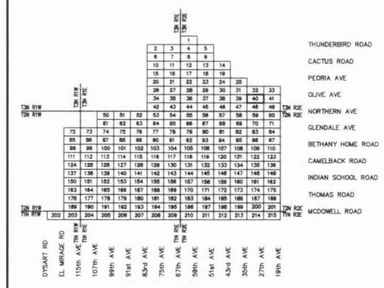
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80263	1211.95	BRASS CAP
70815	1212.93	RB IN H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 41 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
12-31-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

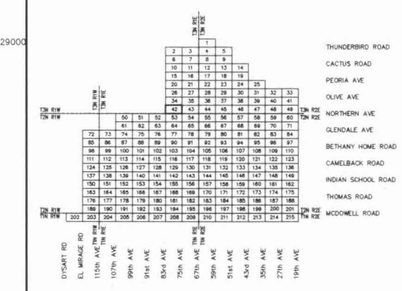
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

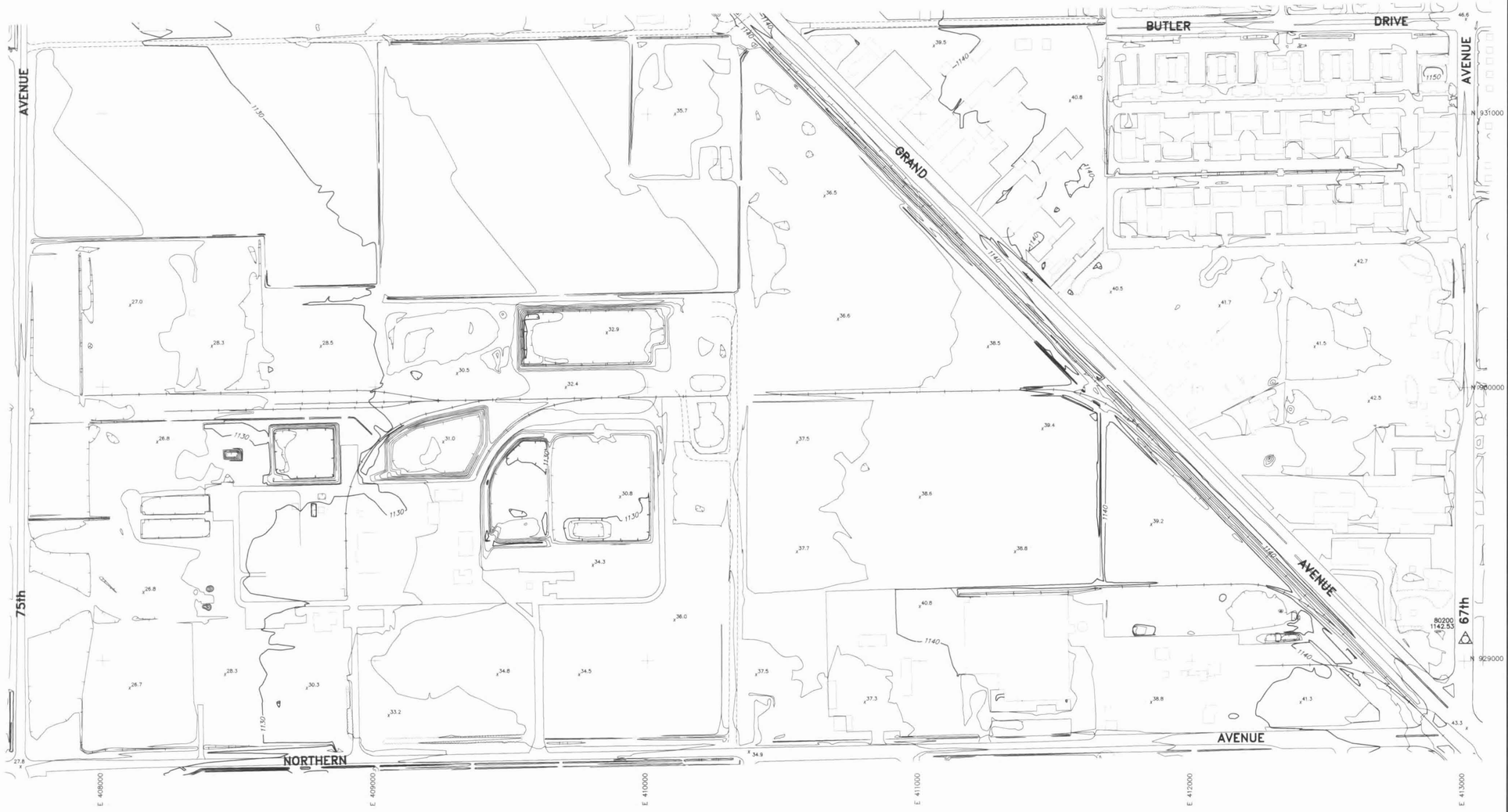
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 42 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE
4123
ROBERT M. WILLIAMS
4-28-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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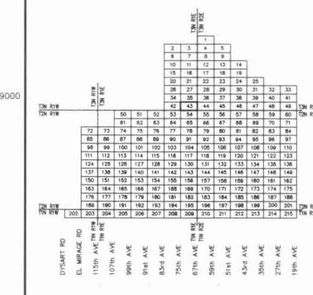
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80200	1142.53	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 43 OF 215

4123 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
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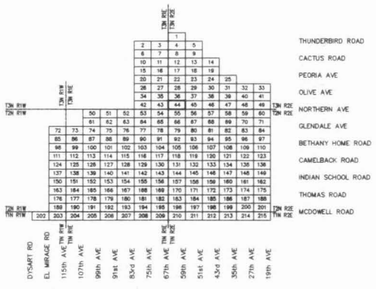
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80200	1142.53	P K NAIL
80201	1147.17	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 44 OF 215

4122 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
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- INTERMEDIATE CONTOUR
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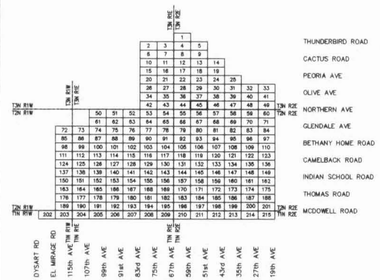
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 45 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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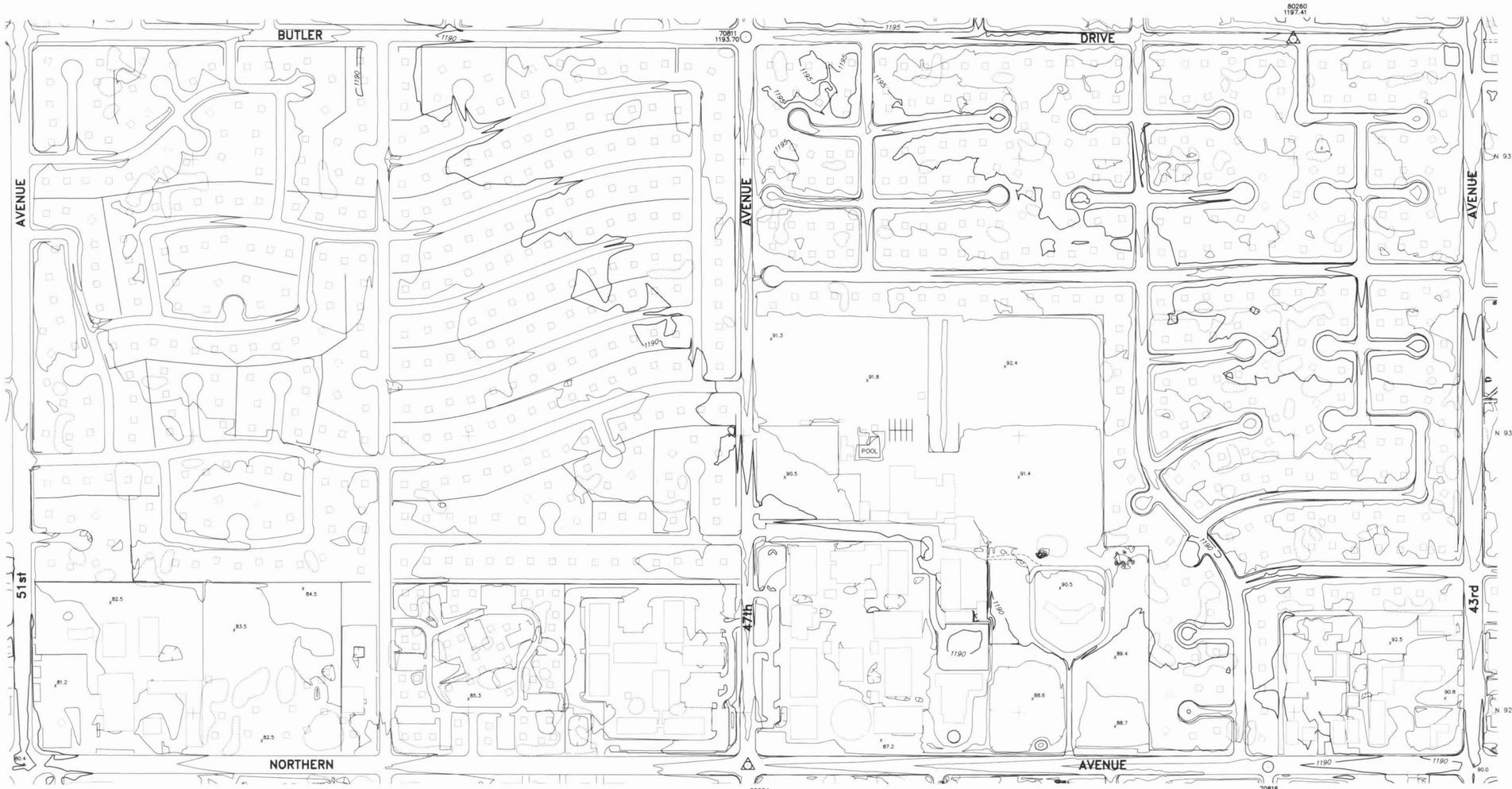

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
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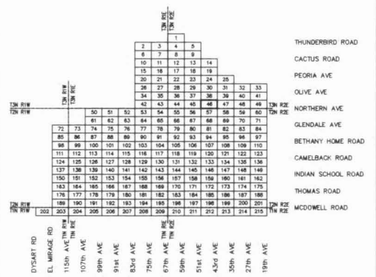
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80260	1197.41	P K NAIL
80264	1186.83	B C H H
70811	1193.70	P K NAIL
70816	1189.62	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

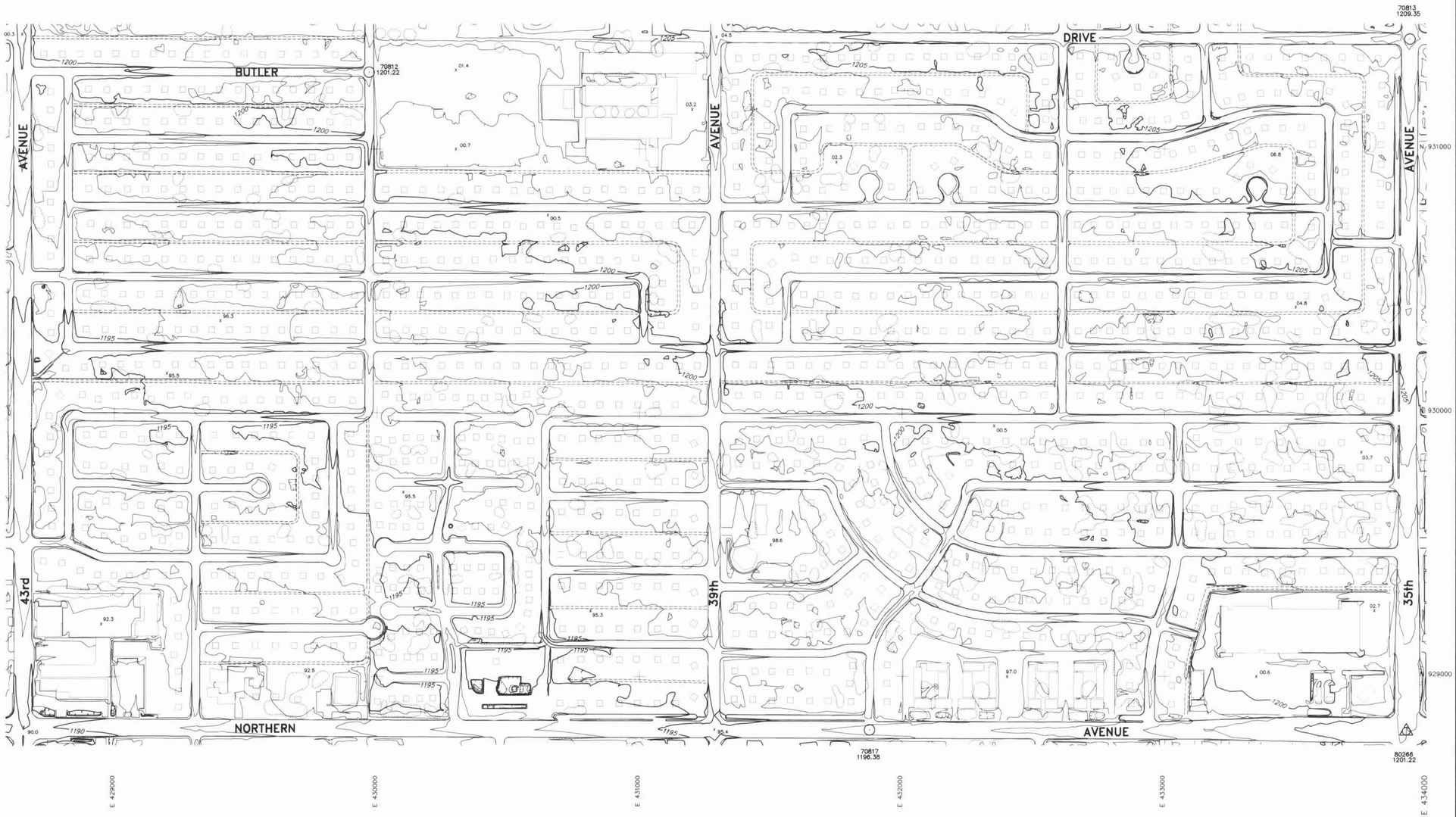
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 46 OF 215

ARIZONA REGISTERED CERTIFICATE NO. 4123 ROBERT M WILLIAMS 6-30-95 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

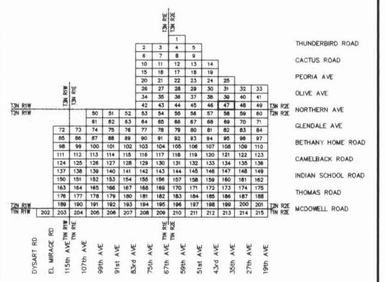
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 — INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 — SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80266	1200.47	B C H H
70812	1201.22	BRASS CAP
70813	1209.35	B C H H
80817	1196.38	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

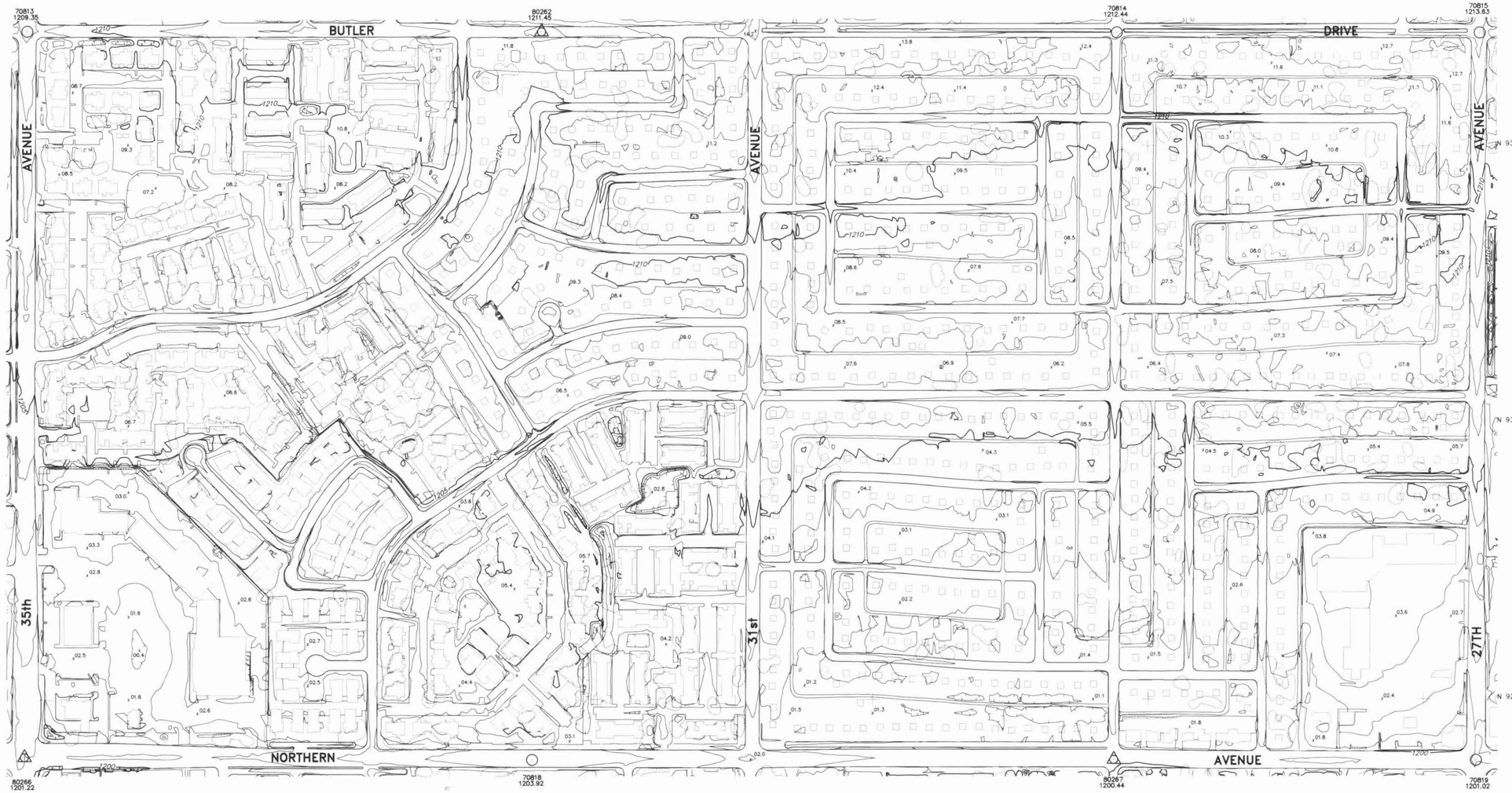
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 47 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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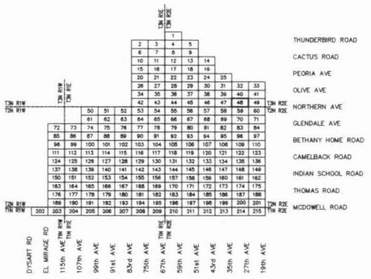
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80262	1211.45	P K NAIL
80266	1200.47	BRASS CAP
80267	1200.44	BRASS CAP
70813	1209.35	B C H H
70814	1212.44	BRASS CAP
70815	1213.63	3/4" REBAR IN H H
70818	1203.92	P K NAIL
70819	1200.10	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE

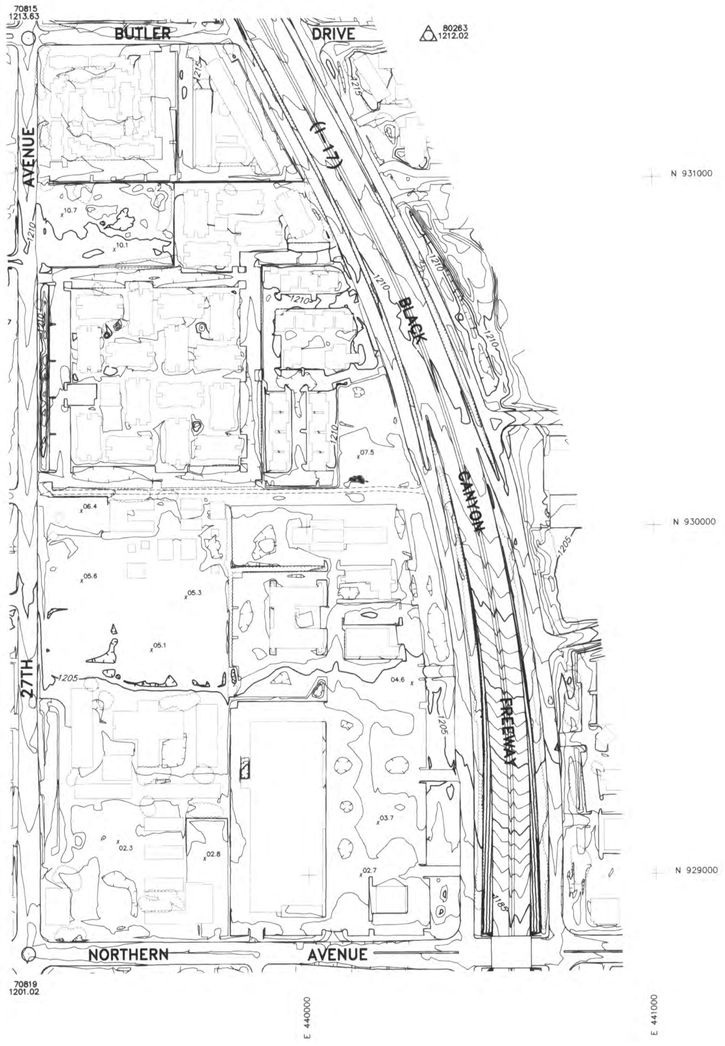
APPROVED BY: _____ DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 48 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WINANS 6-27-94

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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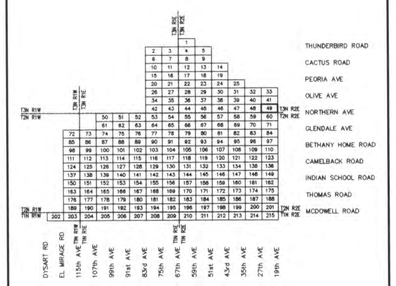
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80263	1211.95	BRASS CAP
70815	1212.93	RB IN H H
70819	1200.10	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 49 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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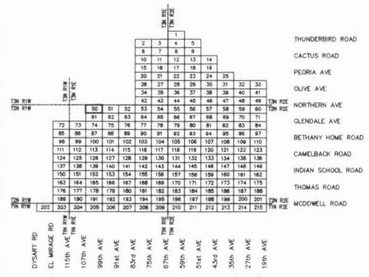
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80112	1077.06	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 50 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS

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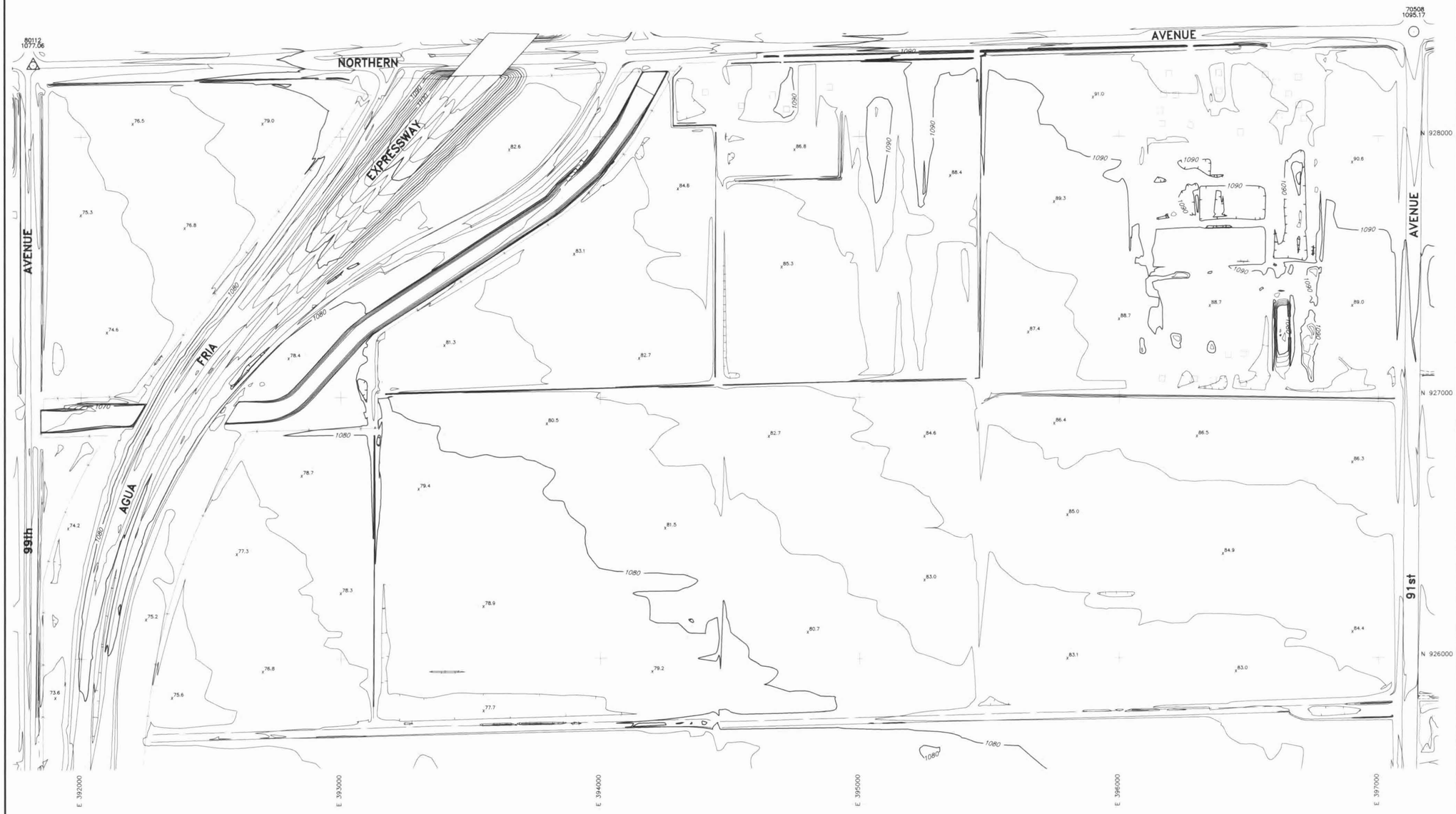
MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

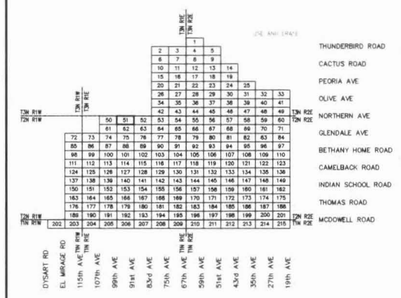
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80112	1077.06	B C H H
70508	1095.17	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY:	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

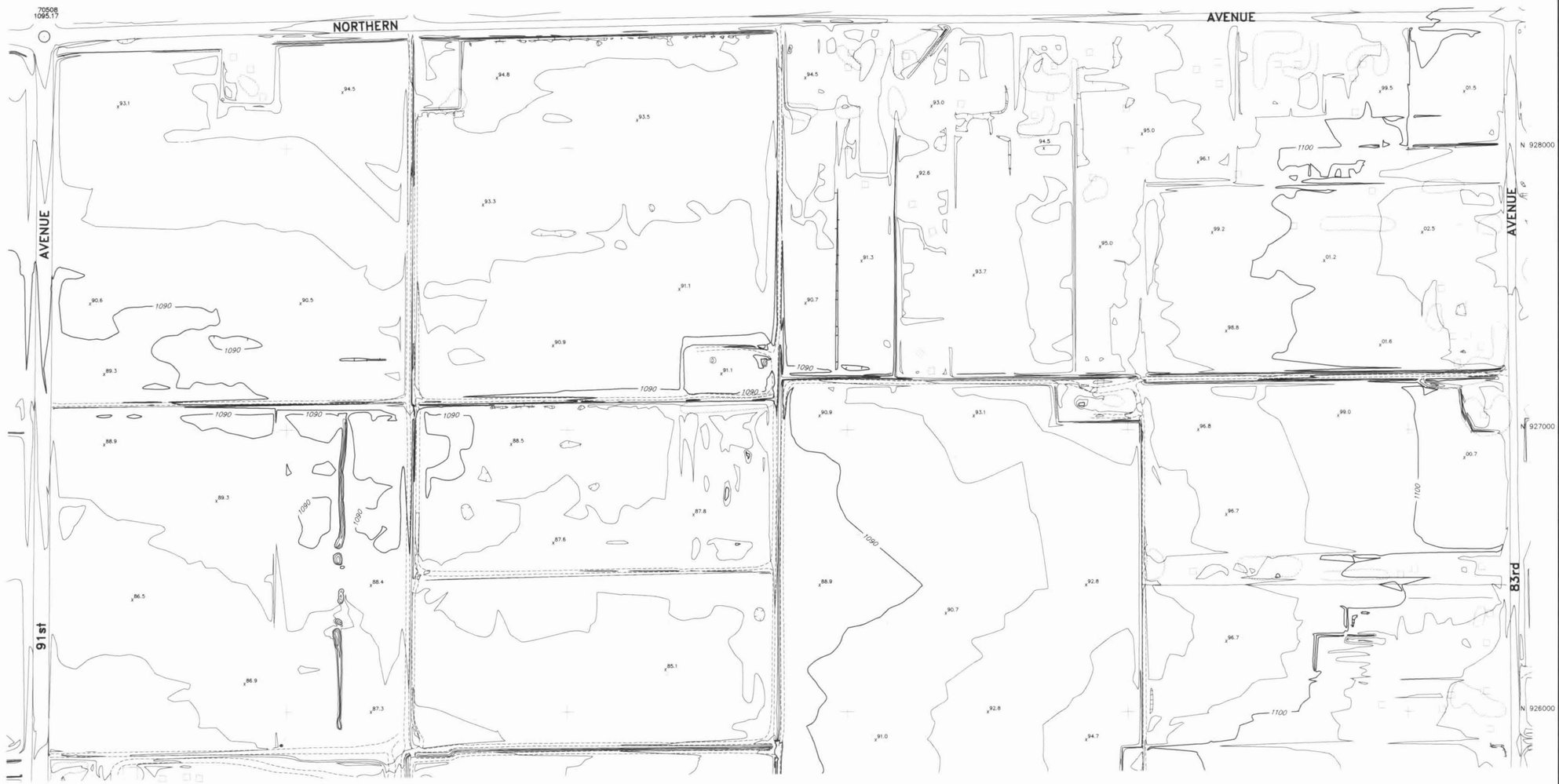
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 51 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 5-25 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

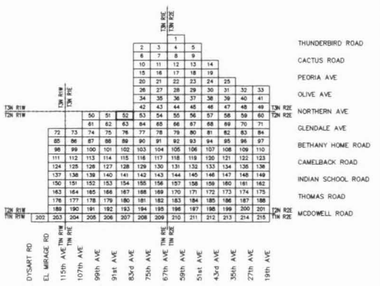
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70508	1095.17	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 52 OF 215

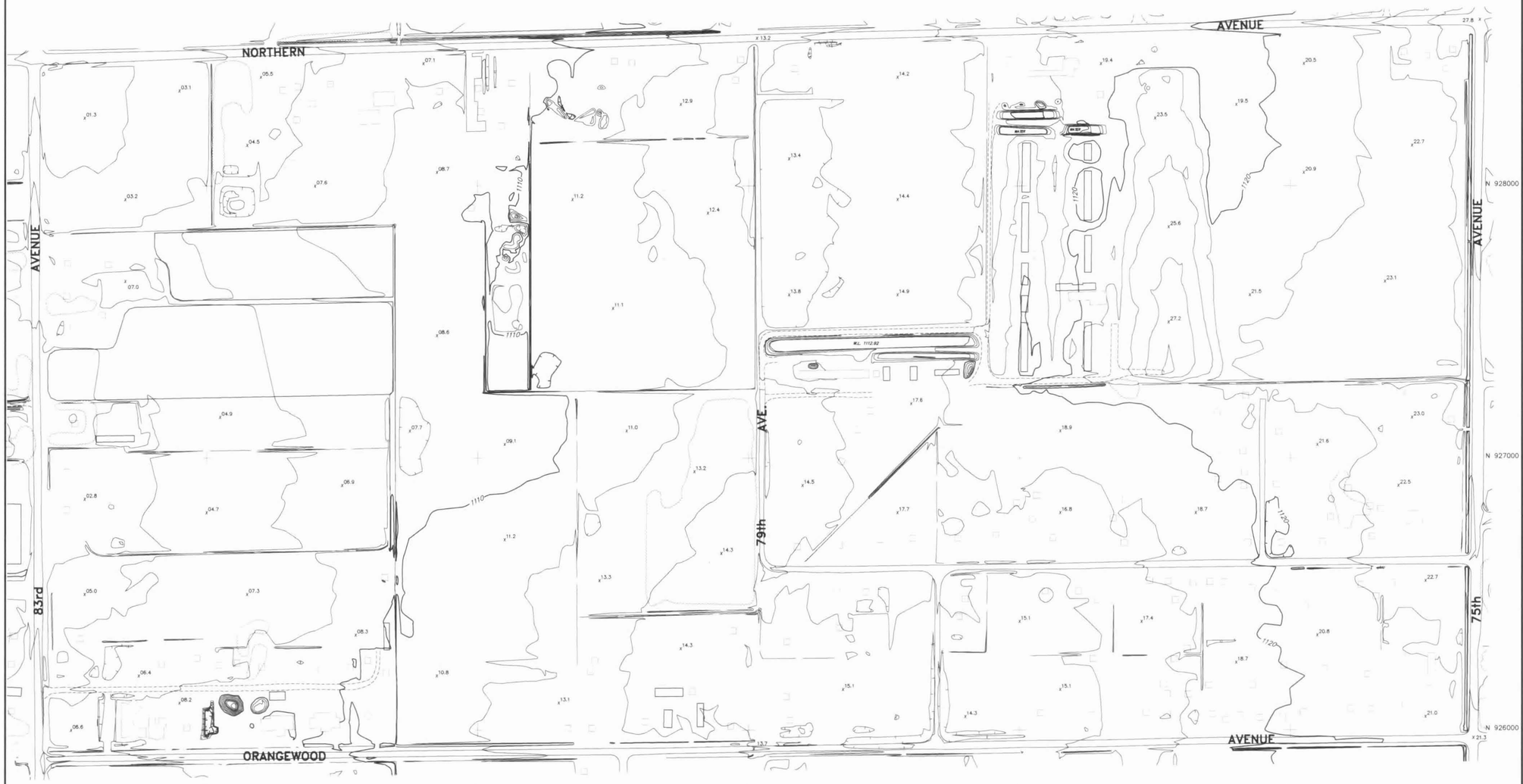
REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS DATE SIGNED 4-28-95 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
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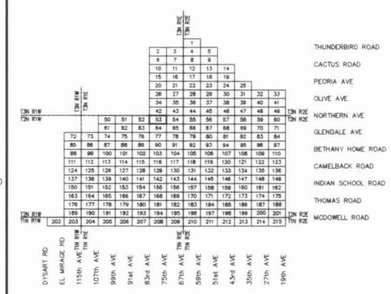
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 53 OF 215

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

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

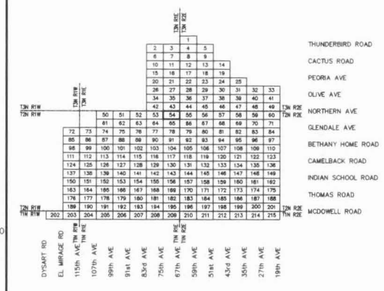
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70600	1136.41	BRASS CAP

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	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 54 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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- INTERMEDIATE CONTOUR
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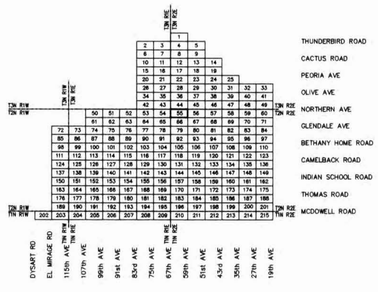
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80201	1147.17	P K NAIL
70600	1136.41	BRASS CAP
70601	1144.06	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 55 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 6-1-94 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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- CURB
- HIDDEN CURB
- RAILROAD
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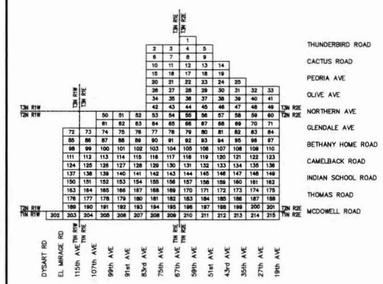
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80201	1147.17	P K NAIL
70600	1136.41	BRASS CAP
70601	1144.06	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 55 OF 215

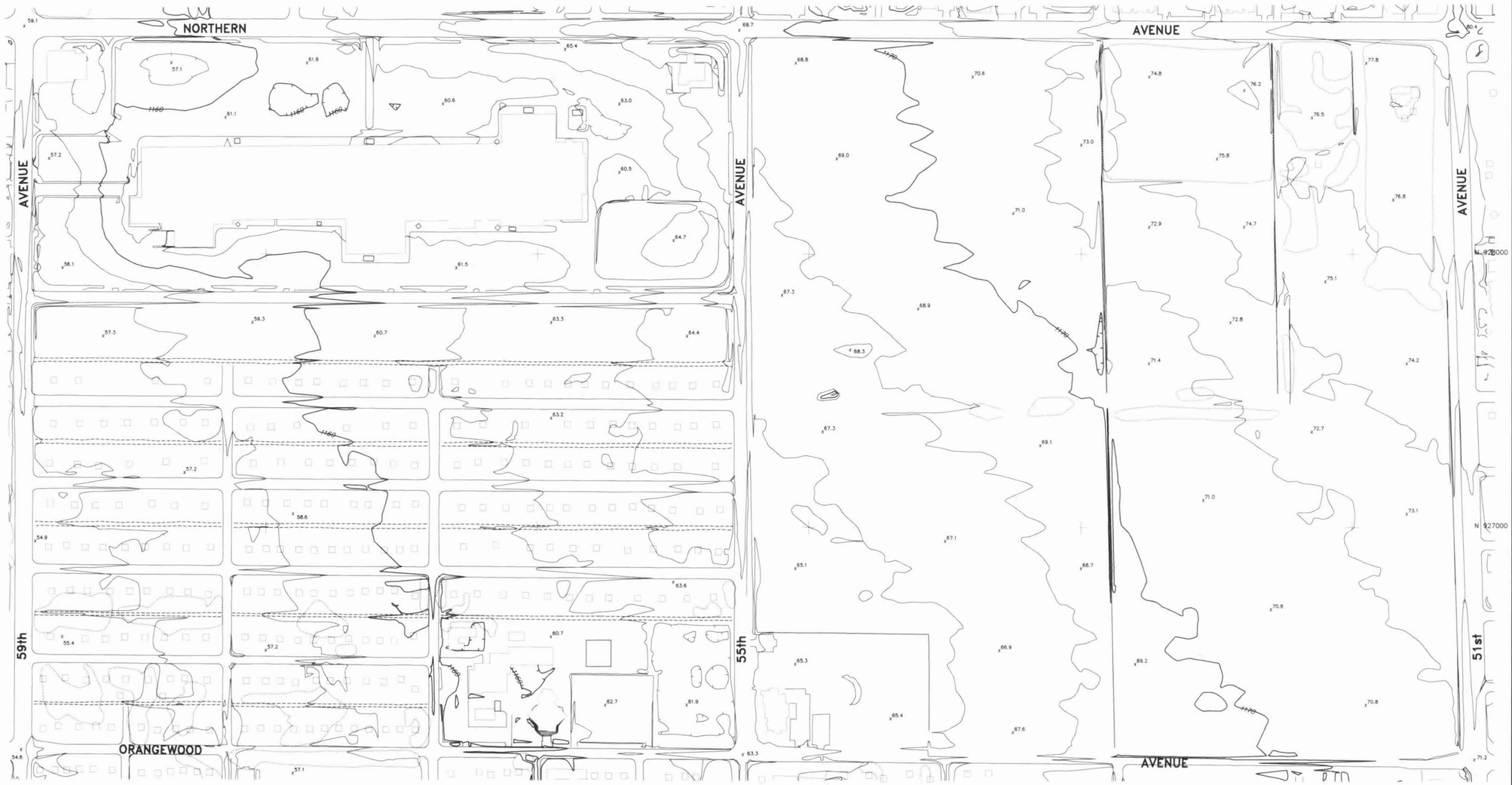
REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 10-19-94 NATIONAL G.V.D.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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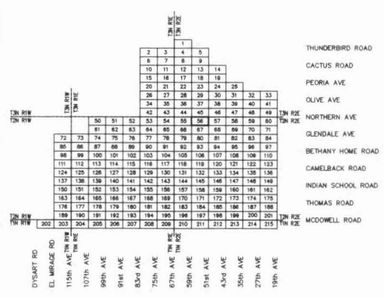
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 56 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
STATE OF ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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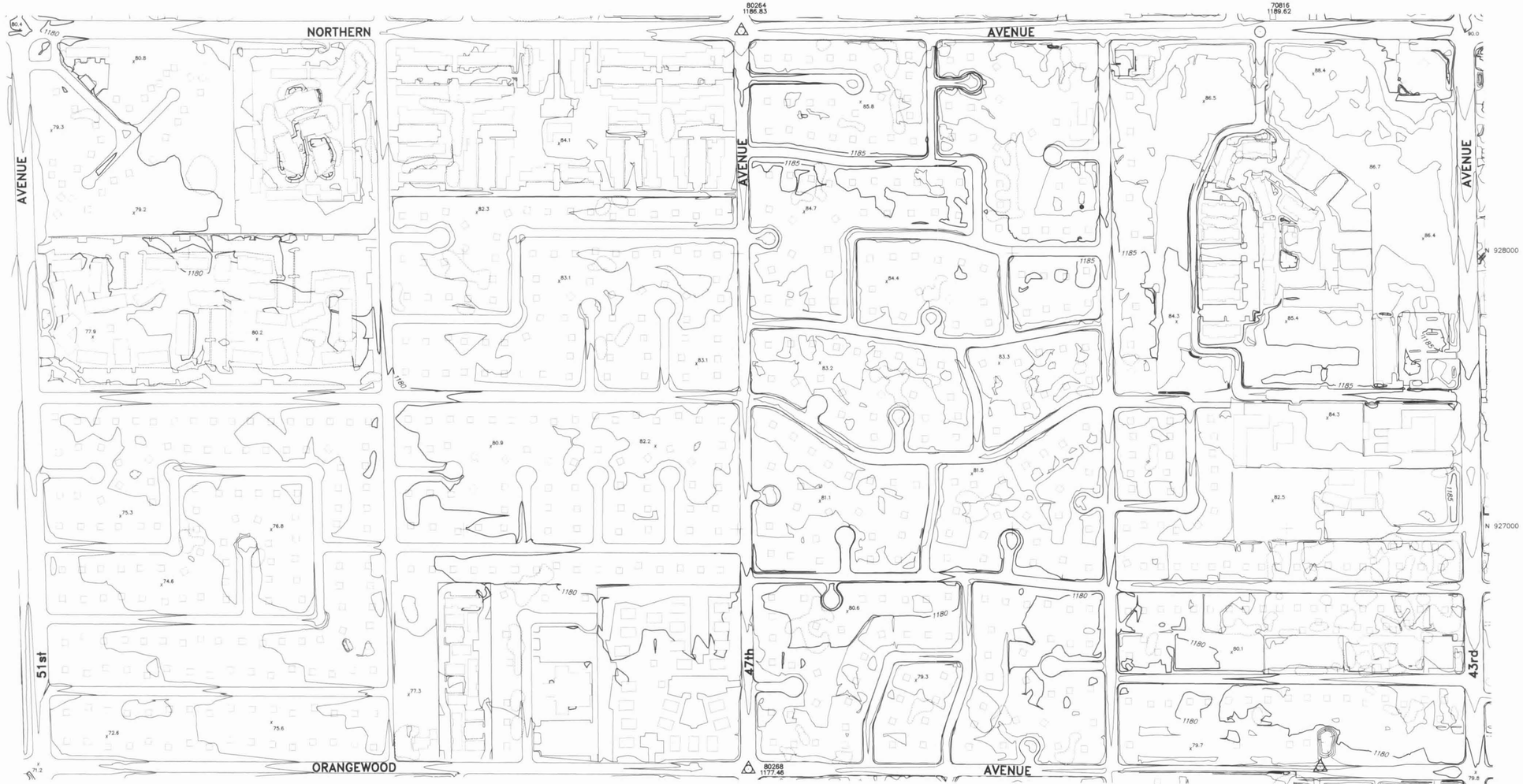


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

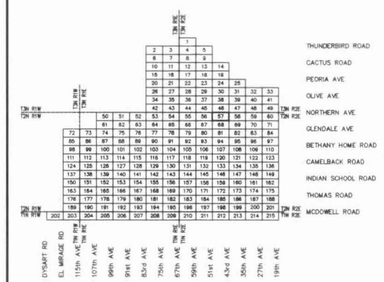
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- △ HORIZONTAL & VERTICAL CONTROL POINT
- ○ VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80264	1186.83	B C H H
80268	1177.46	B C H H
80269	1178.58	P K NAIL
70816	1189.62	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 57 OF 215

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

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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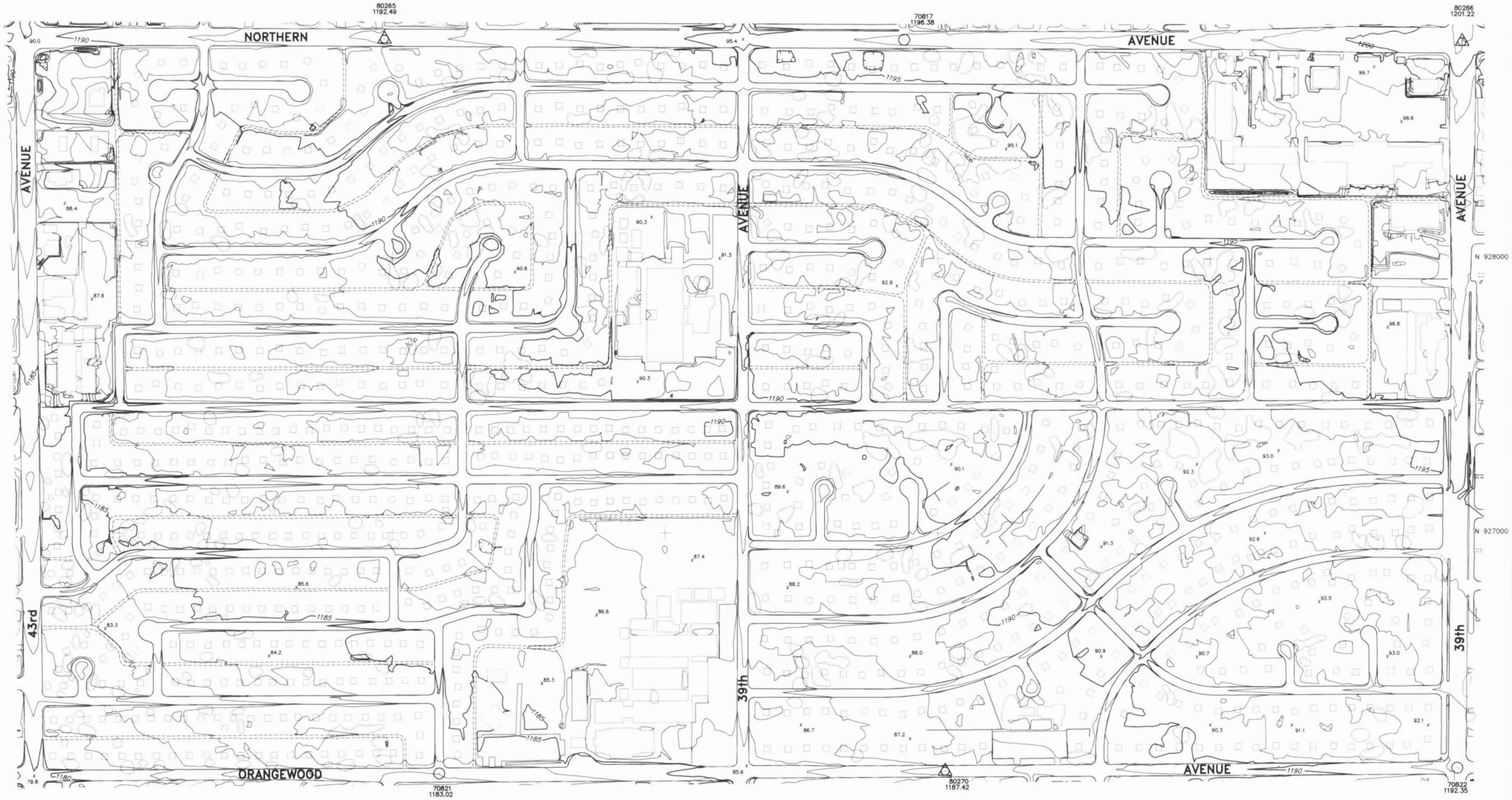

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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- RAILROAD
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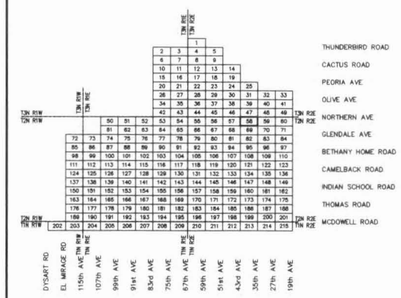
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80265	1192.49	P K NAIL
80266	1200.47	B C H H
80270	1187.42	P K NAIL
70817	1196.38	BRASS CAP
70821	1183.02	BRASS CAP
70822	1192.35	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 58 OF 215

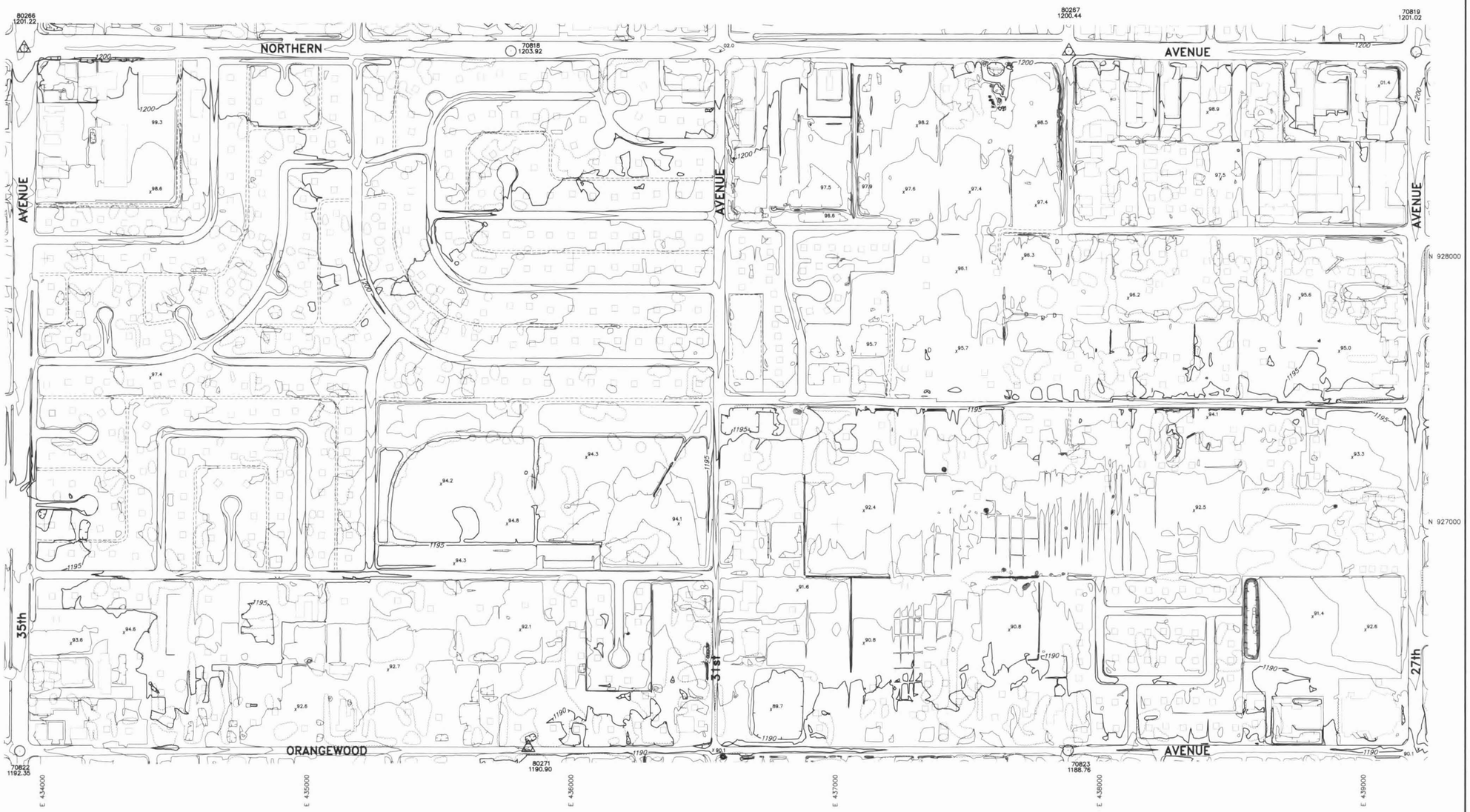
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4122
ROBERT M. WILLIAMS
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

1110

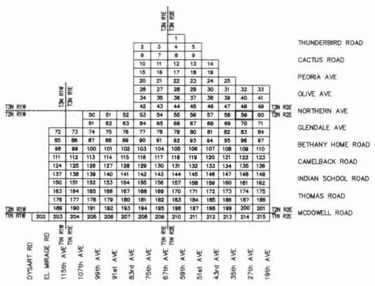
x21.4

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80266	1200.47	BRASS CAP
80267	1200.44	BRASS CAP
80271	1190.90	P K NAIL
70818	1203.92	P K NAIL
70819	1200.10	B C H H
70822	1192.35	B C H H
70823	1188.76	COTTON SPINDLE

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY:

FLIGHT DATE MARCH 28,1994

	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 59 OF 215

4122 ROBERT M. WILLIAMS 6-2-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

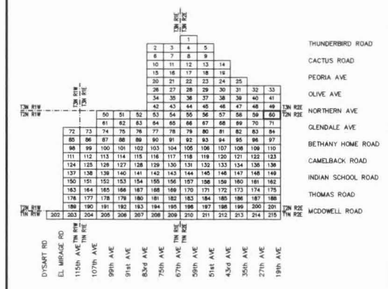
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80272	1189.56	BRASS CAP
80273	1189.29	P K NAIL
70819	1200.10	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY:	DATE:
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE:

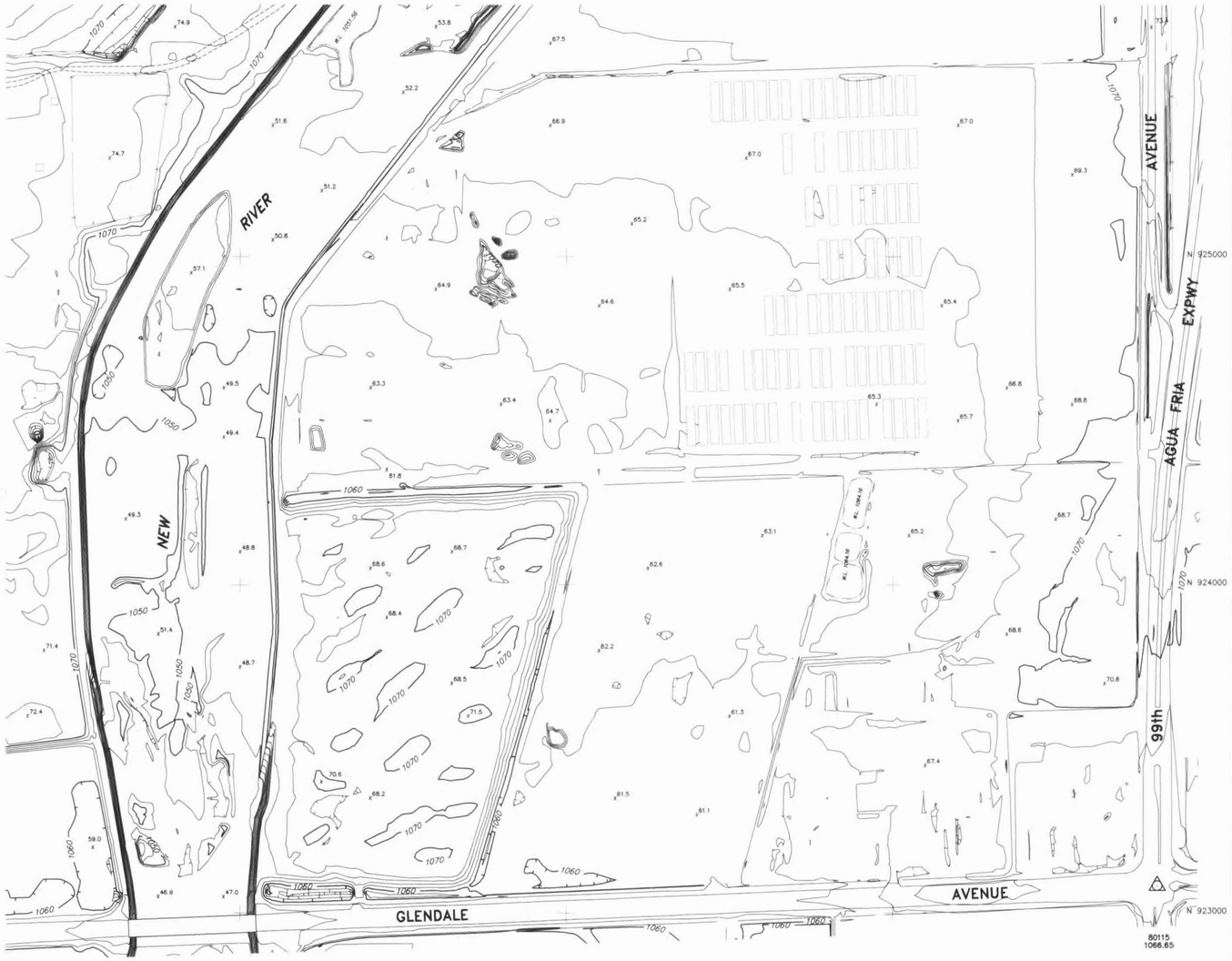
APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 60 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

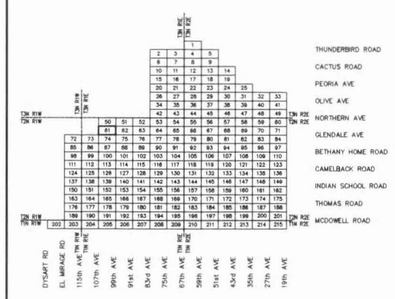
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80115	1066.65	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1"= 200

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 61 OF 215

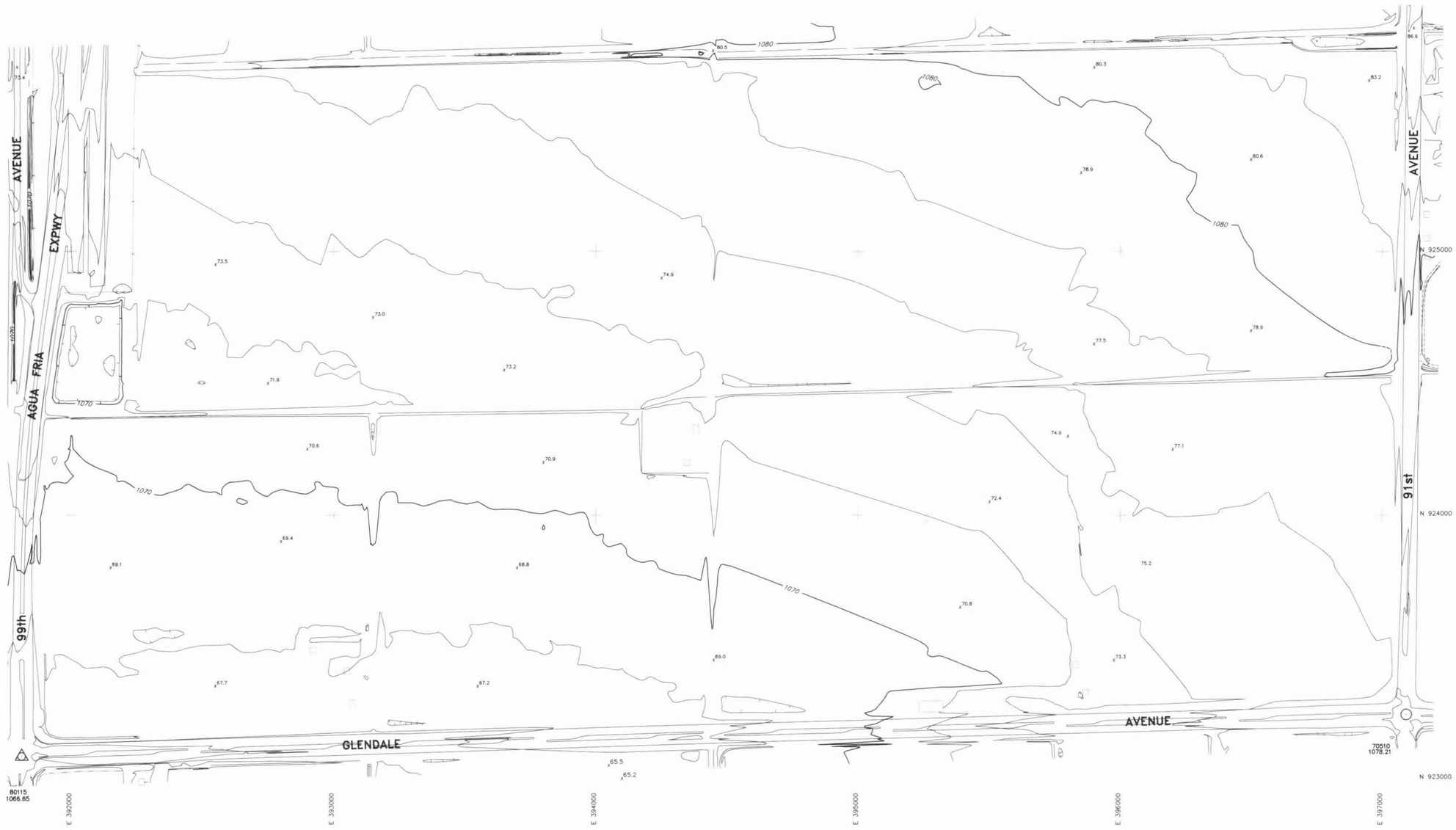
REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

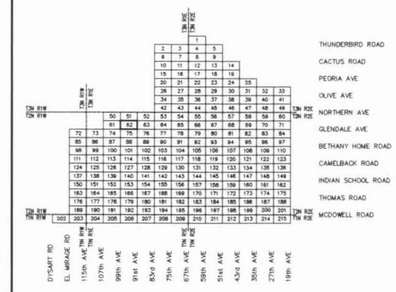
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80115	1066.65	BRASS CAP
70510	1078.21	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
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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 62 OF 215

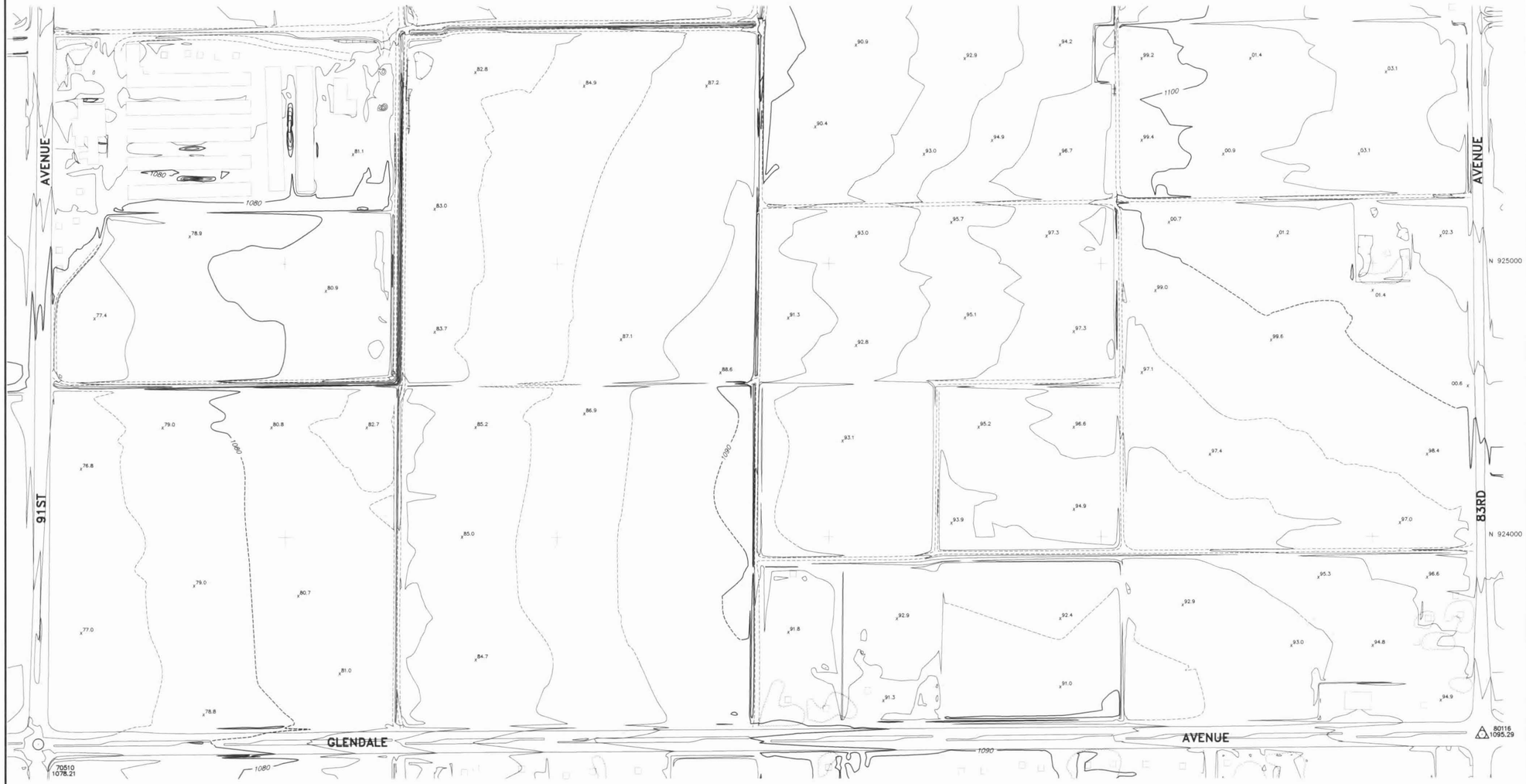
4123 ROBERT M. WILLIAMS REGISTERED LAND SURVEYOR U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

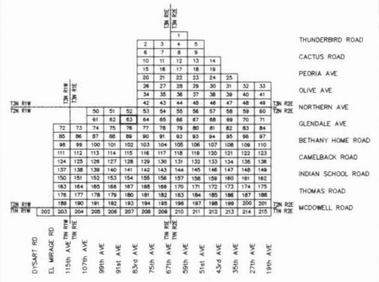
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80116	1095.29	B C H H
70510	1078.21	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 63 OF 215

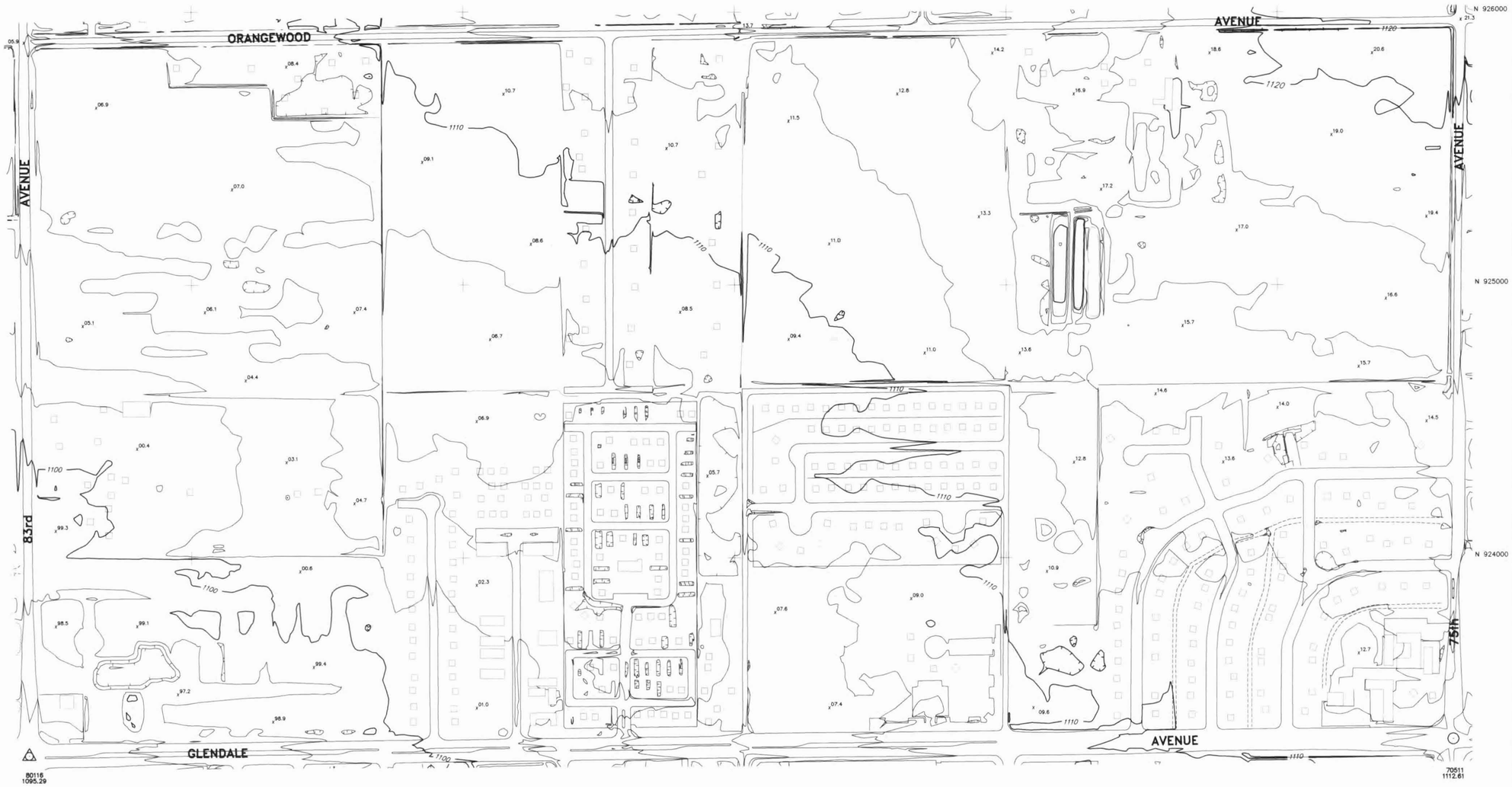
4123 ROBERT M WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

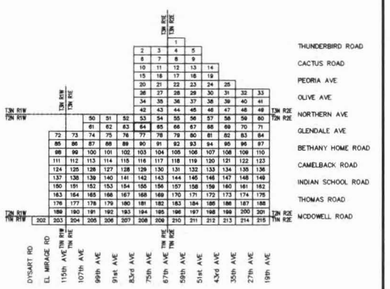
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80116	1094.87	BC EL
70511	1112.61	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 64 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 9-21-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

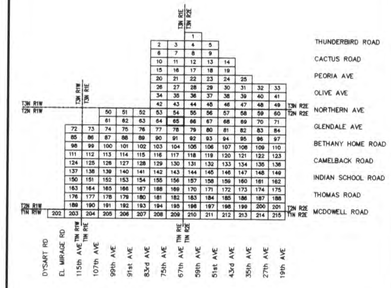
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80117	1129.49	BRASS CAP
70511	1112.61	B C H H
70602	1133.46	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 65 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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

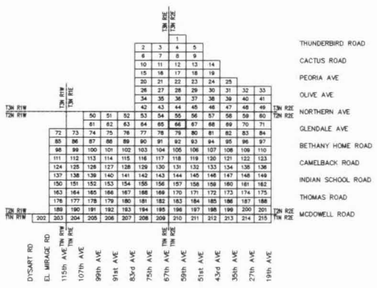
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80117	1129.49	B C H H
80204	1145.49	P K NAIL
70604	1138.48	P K NAIL
70603	1139.92	P K NAIL
70602	1133.46	BRASS CAP

70639 NOT ON THE LIST

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 66 OF 215

4123 HARRY M. ADAMS 4-18-94

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

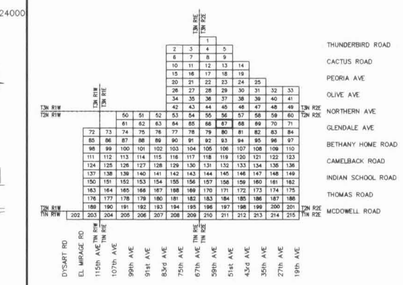
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80118	1165.84	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

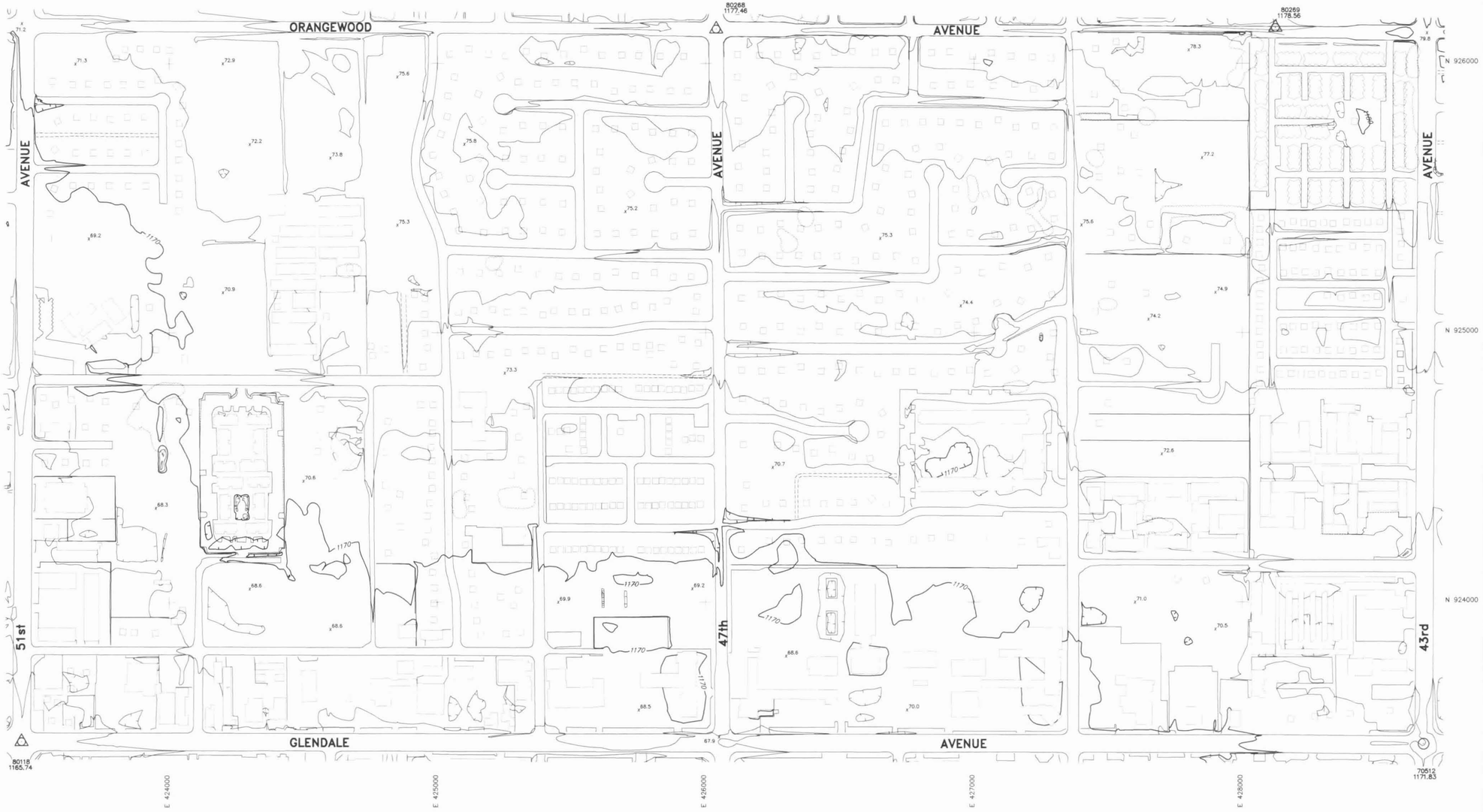
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 67 OF 215

4123 ROBERT M. W. LLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

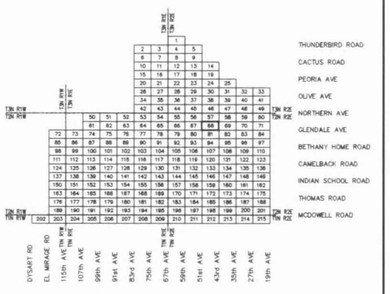
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1170 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80118	1165.84	B C H H
80268	1177.46	B C H H
80269	1178.58	P K NAIL
70512	1171.83	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

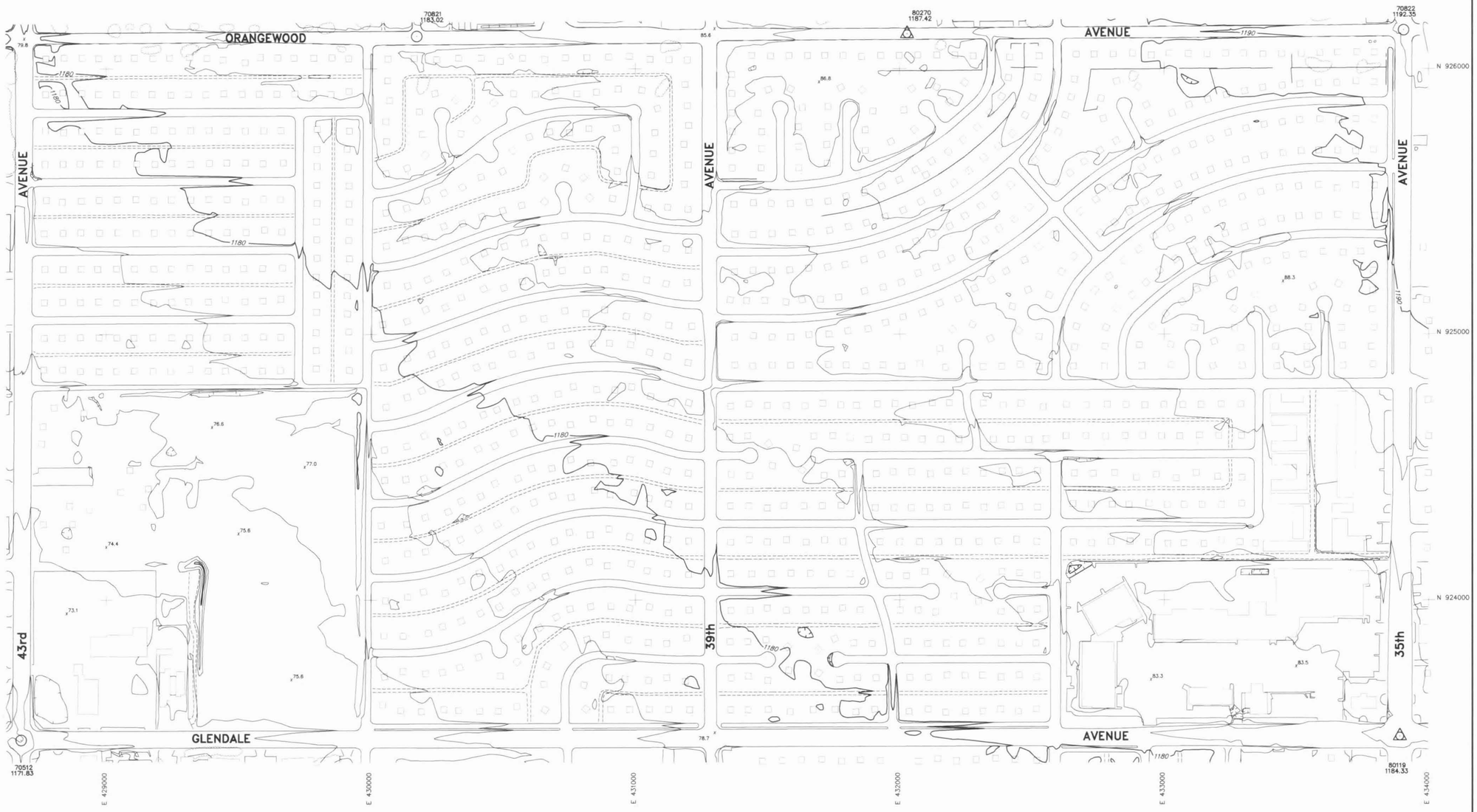
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 68 OF 215

4123 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

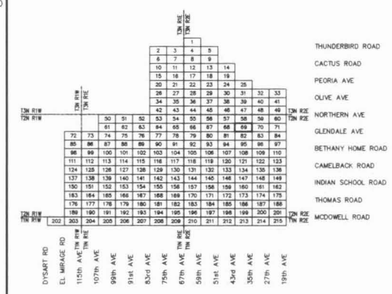
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80119	1184.33	B C H H
80270	1187.42	P K NAIL
70512	1171.83	B C H H
70821	1183.02	BRASS CAP
70822	1192.35	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	--	--
DESIGN CHK.	--	--
PLANS		--
PLANS CHK.	--	--

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

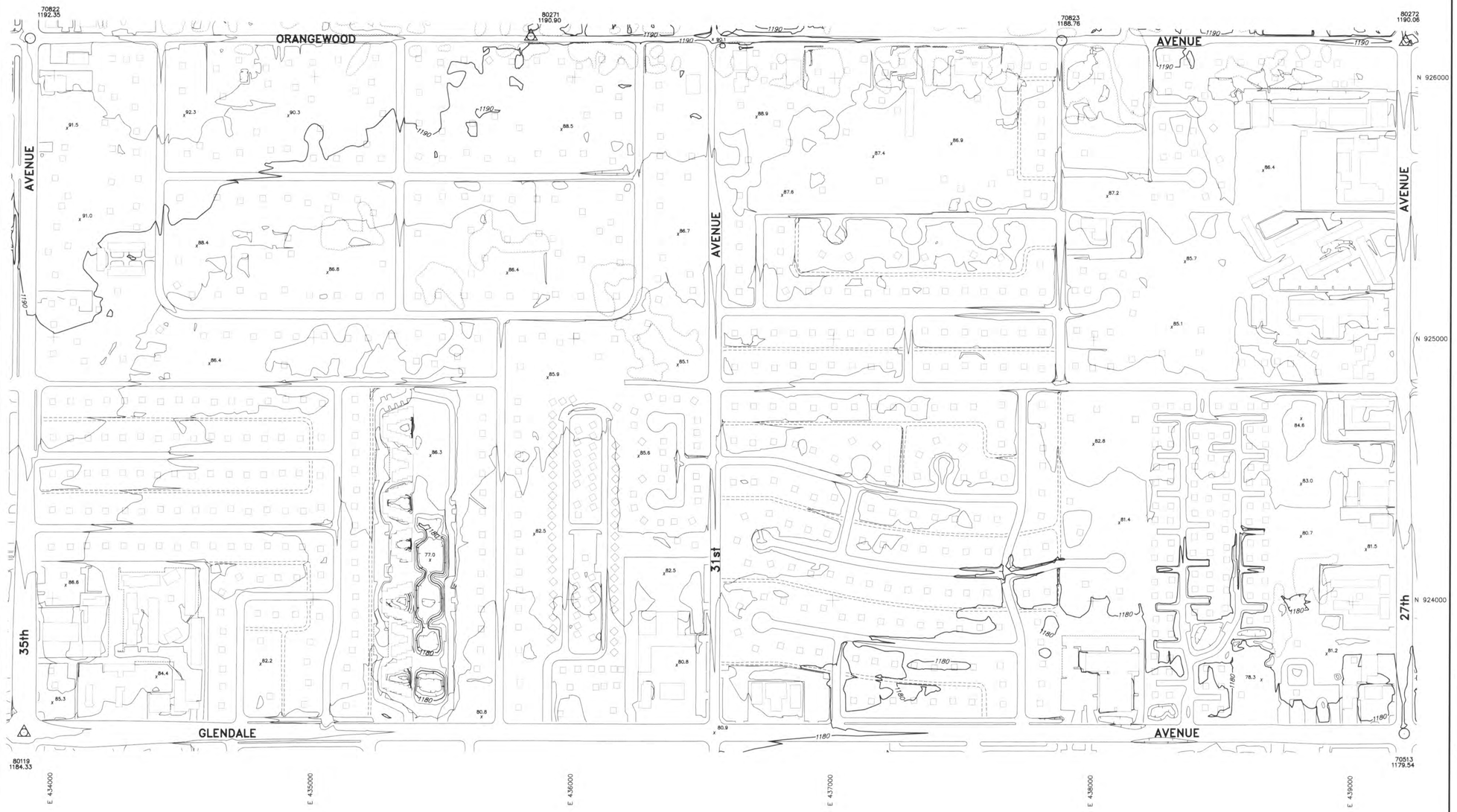
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 69 OF 215

4123 ROBERT M. WILLIAMS CERTIFICATE NO. EXPIRES 6-30-97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

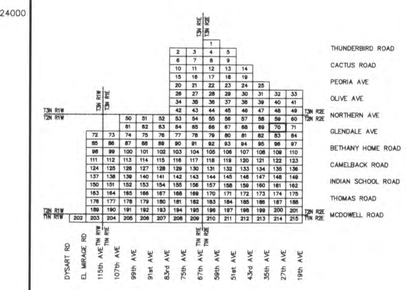
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80119	1183.92	BRASS CAP
80271	1190.90	P K NAIL
80272	1189.56	BRASS CAP
70513	1179.02	BRASS CAP
70822	1192.35	B C H H
70823	1188.76	COTTON SPINDLE

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 70 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

N 926000

N 925000

N 924000

E 440000

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

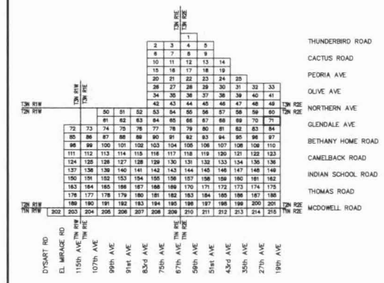
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80272	1189.56	BRASS CAP
80273	1189.29	P K NAIL
70513	1179.02	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	--	--
DESIGN CHK.	--	--
PLANS	--	--
PLANS CHK.	--	--

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

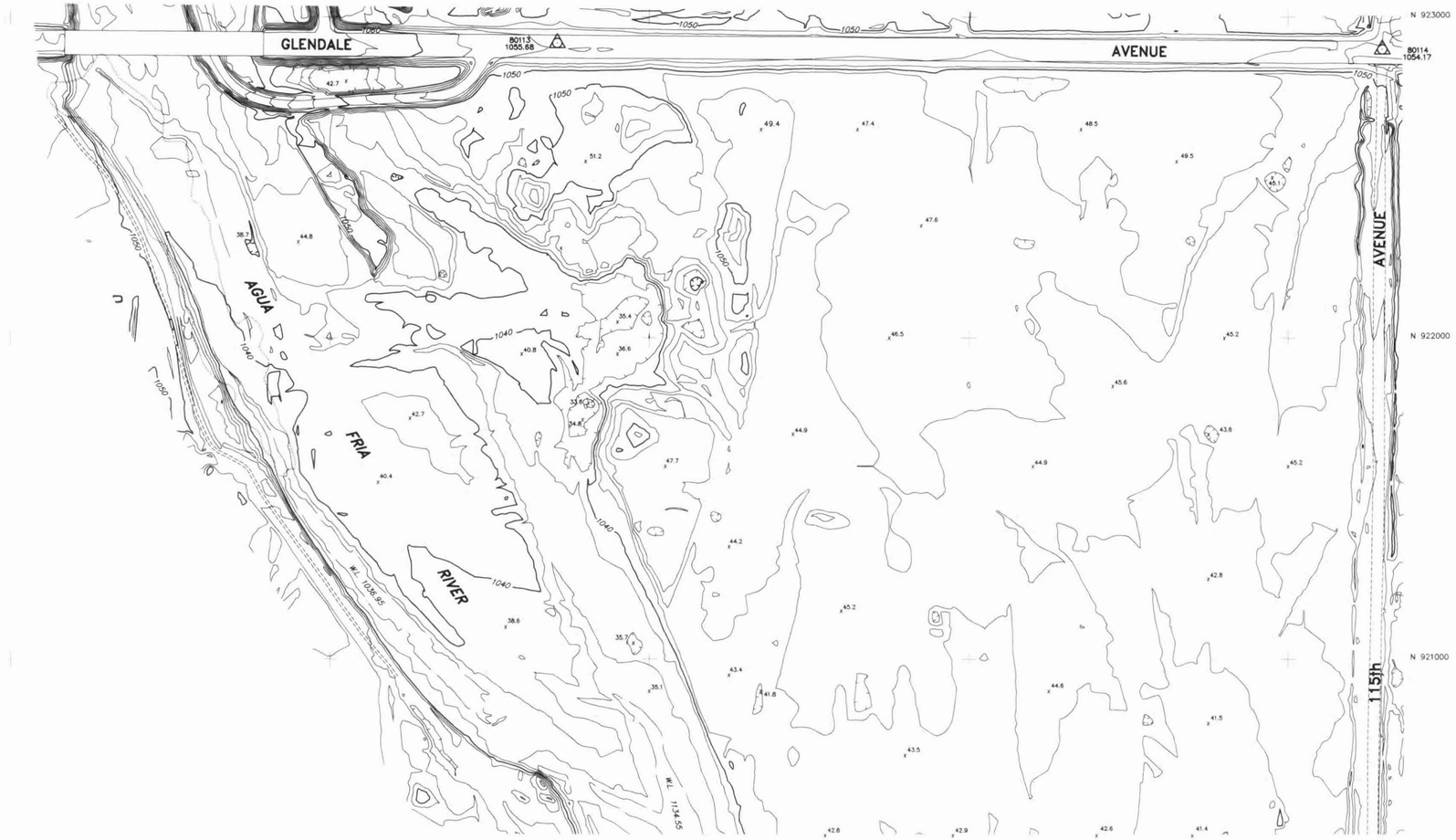
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 71 OF 215

4123
ROBERT M. WILLIAMS
12-5-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

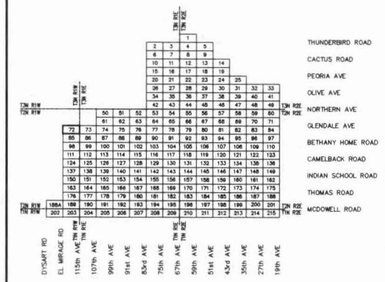
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80114	1053.74	BCHH
80113	1055.68	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

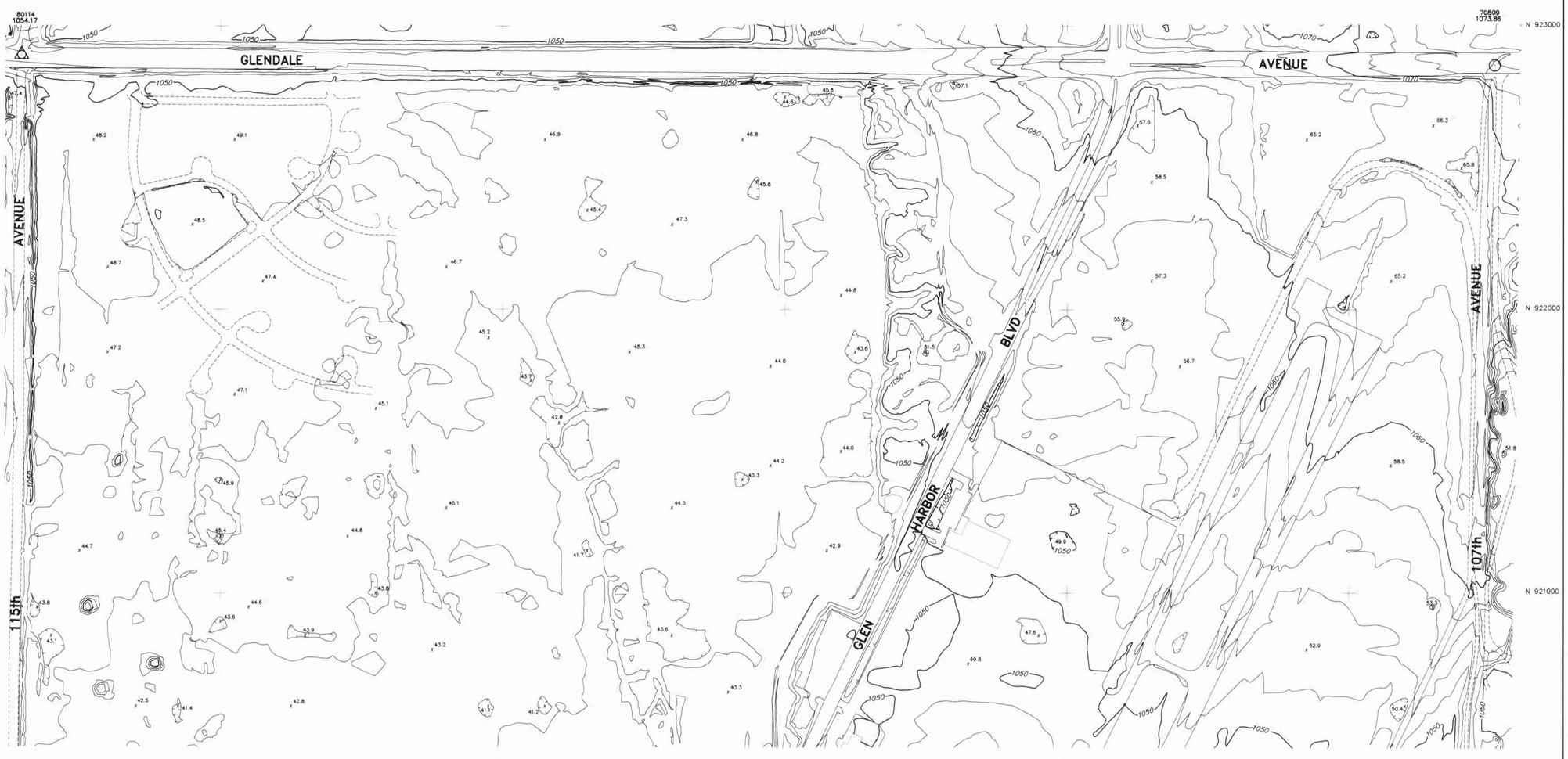
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 72 OF 215

4123 ROBERT M. WILLIAMS 10-2-96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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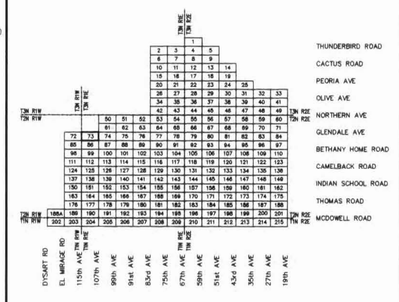
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80114	1053.74	B C H H
70509	1073.86	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 73 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

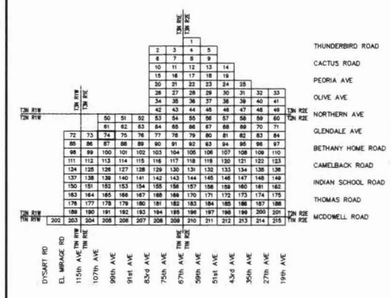
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80115	1066.65	BRASS CAP
70509	1073.86	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

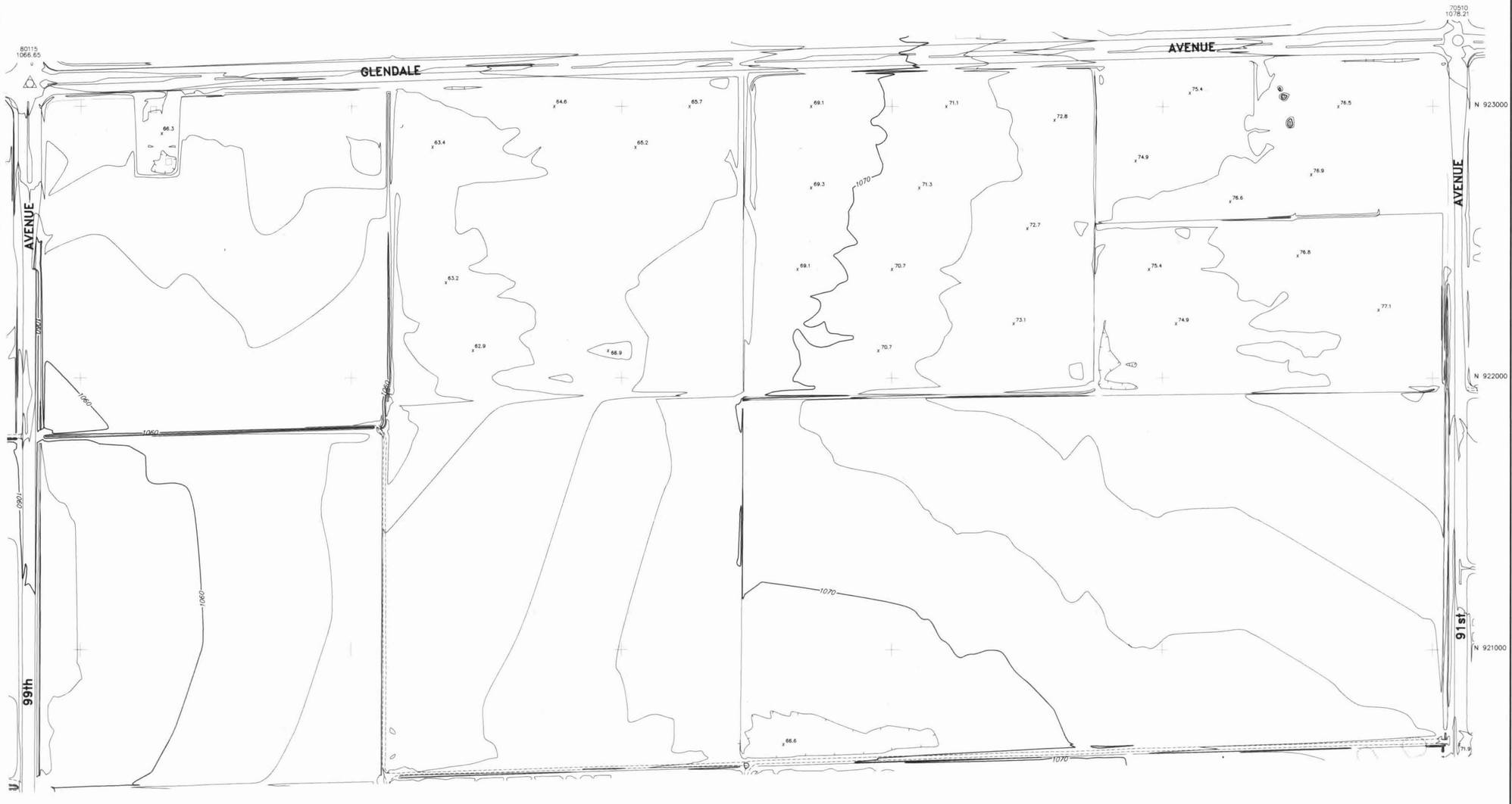
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 74 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
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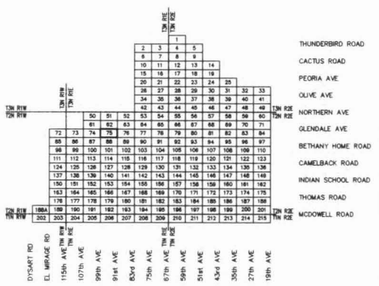
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80115	1066.65	BRASS CAP
70510	1078.21	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE:

APPROVED BY: DATE:

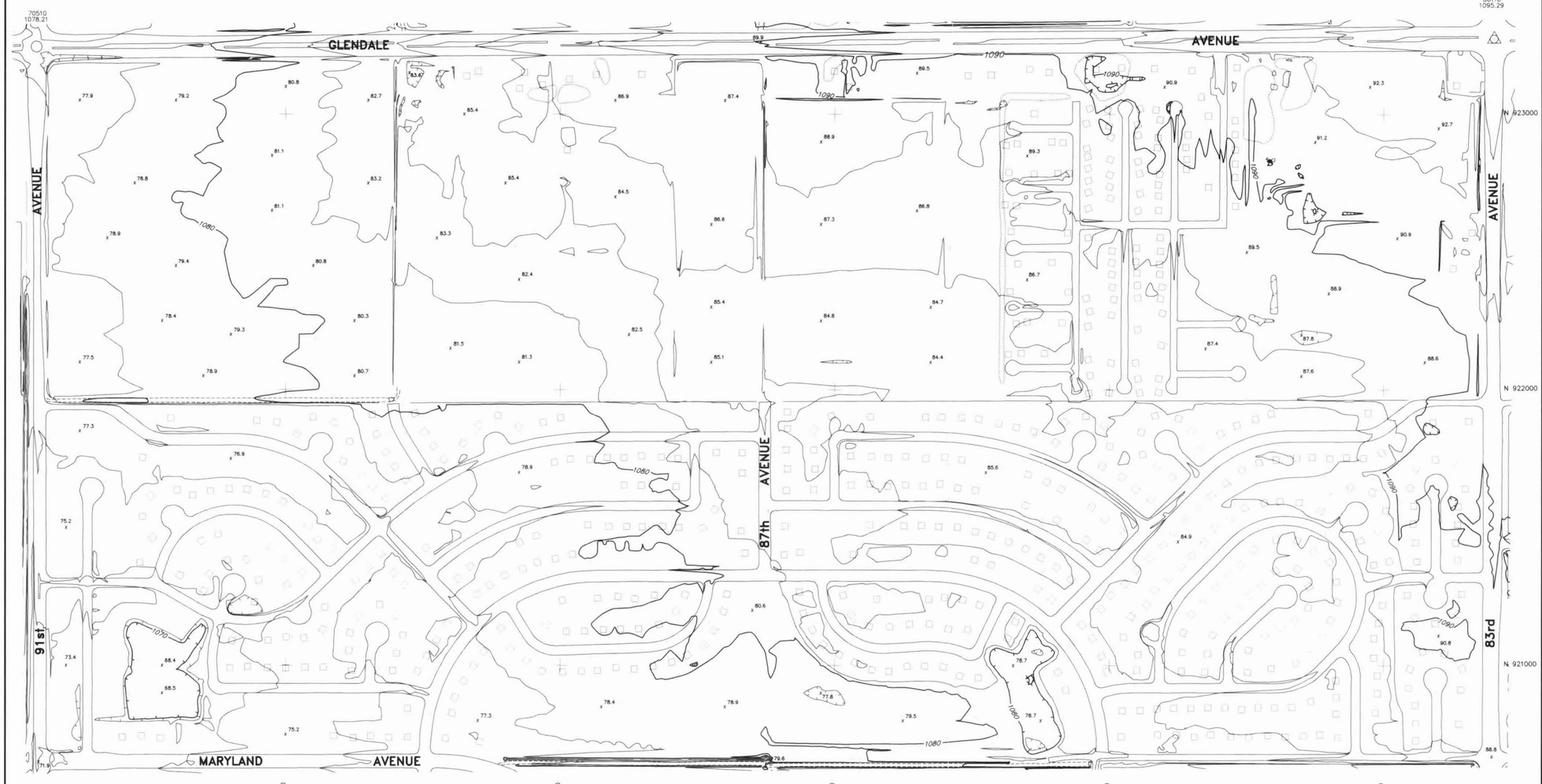
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 75 OF 215

REGISTERED ENGINEER
CERTIFICATE NO.
4123
ROBERT M
WILLIAMS
9-27-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

Sheets 75-110



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

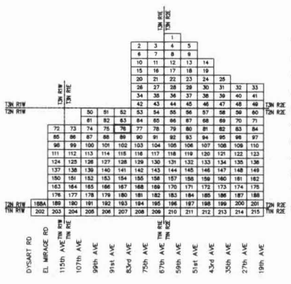
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80116	1094.87	B C H H
70510	1078.21	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 76 OF 215

REGISTERED LAND SURVEYOR 4123 ROBERT M. WILLIAMS 9-30-97 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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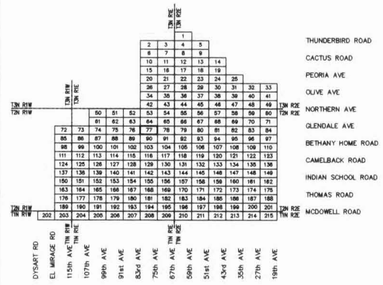
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80116	1094.87	BC EL
70511	1112.61	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 77 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M
WILLIAMS
9-21-94
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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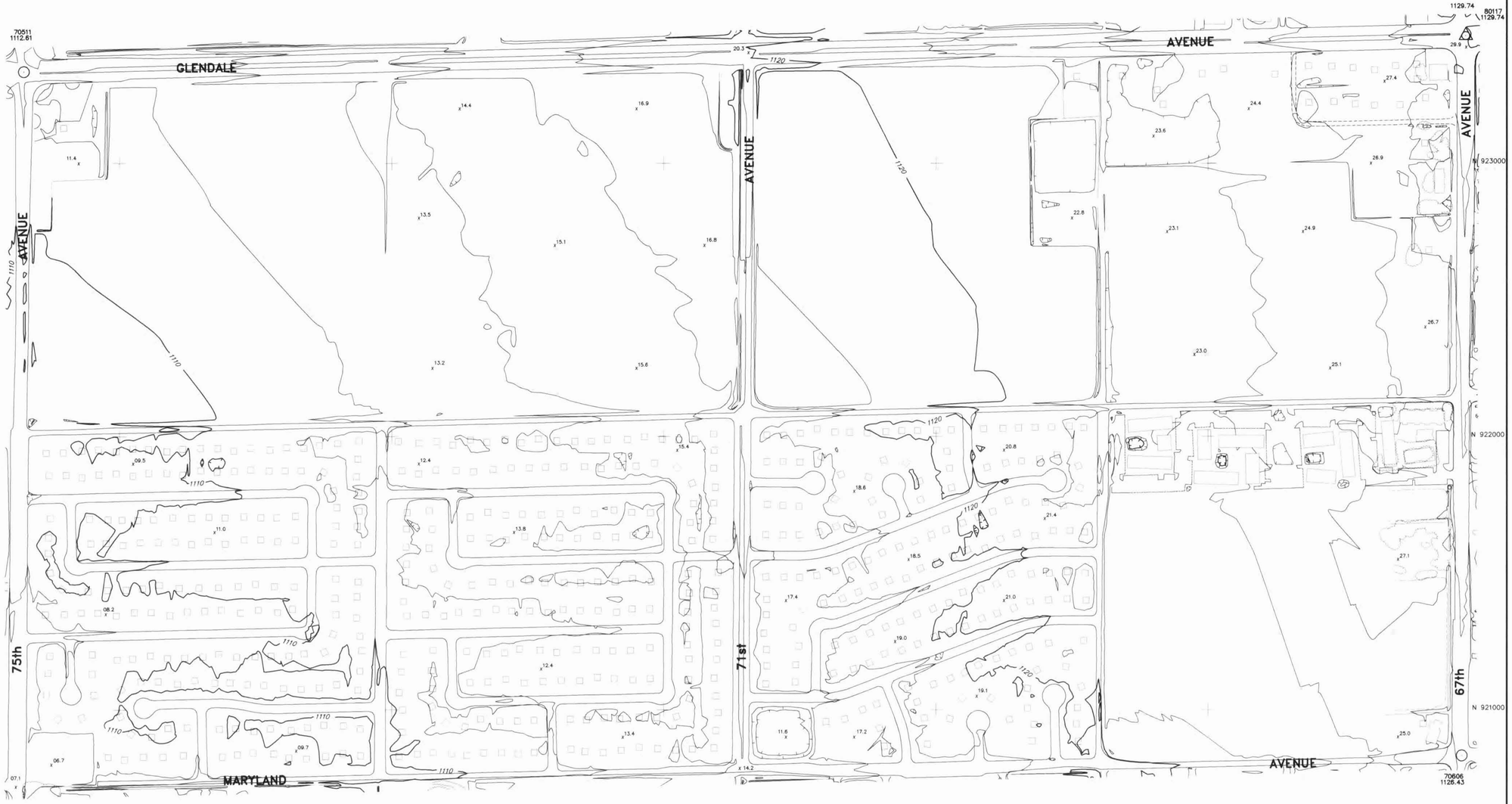
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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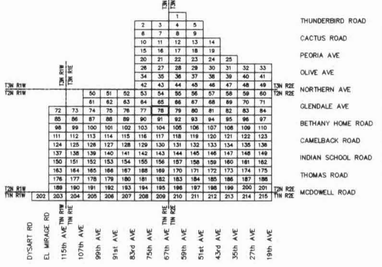
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80117	1129.49	BRASS CAP
70511	1112.61	B C H H
70606	1126.43	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

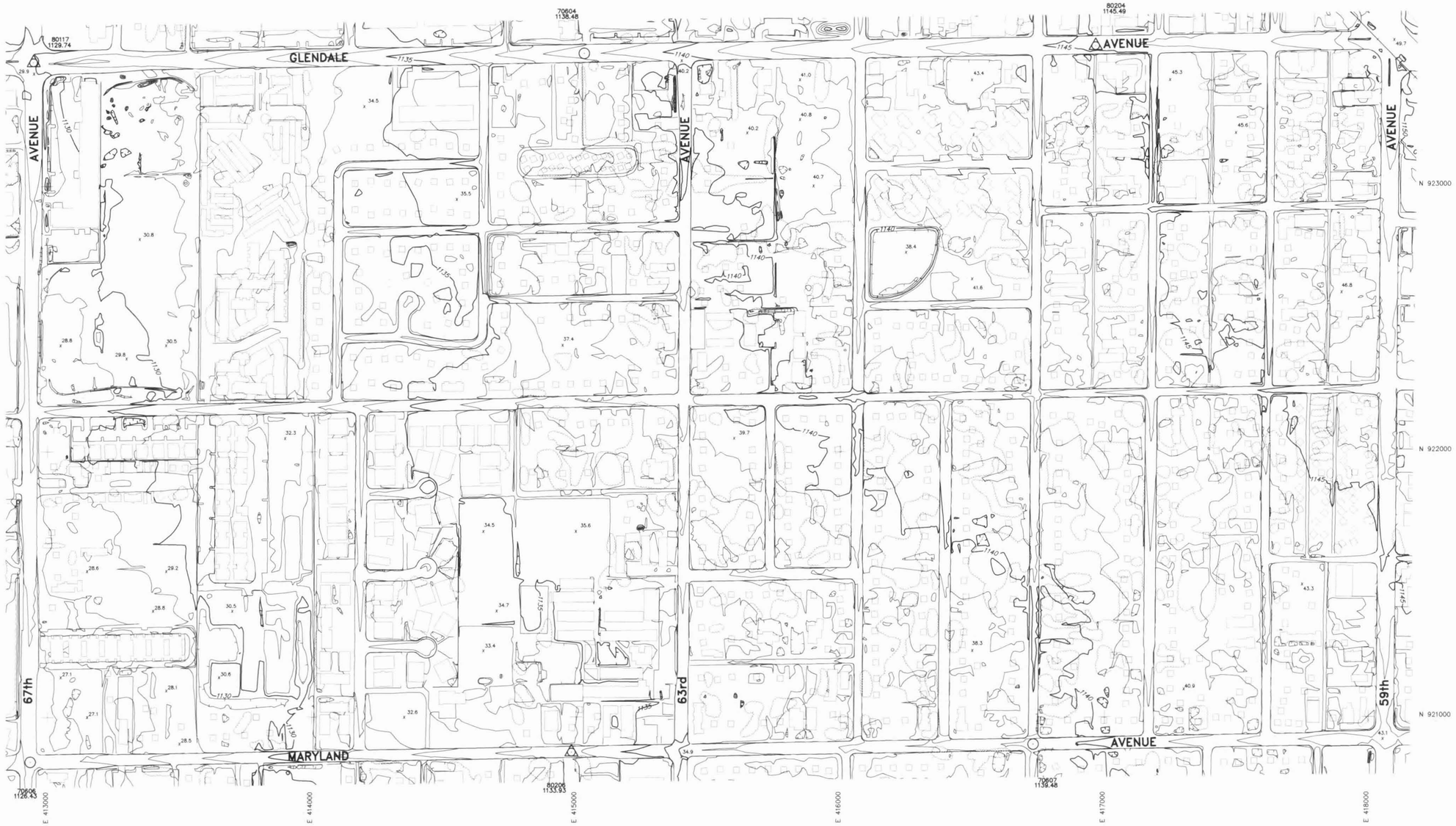
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 78 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M WILLIAMS 9-21-95 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
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- CURB
- HIDDEN CURB
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- INTERMEDIATE CONTOUR
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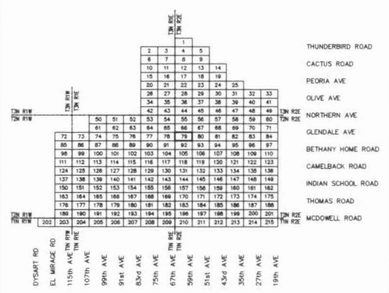
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80117	1129.49	B C H H
80204	1145.49	P K NAIL
80206	1133.93	P K NAIL
70604	1138.48	P K NAIL
70606	1126.43	B C H H
70607	1139.48	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 79 OF 215

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

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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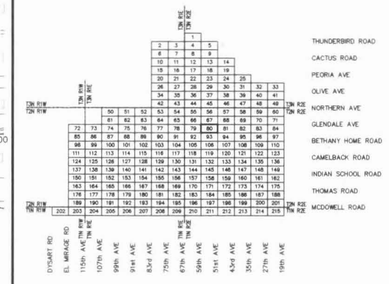
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80118	1165.84	B C H H
80205	1159.67	BRASS CAP
80207	1147.18	P K NAIL
80208	1157.39	P K NAIL
70608	1152.63	PIPE IN H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE:

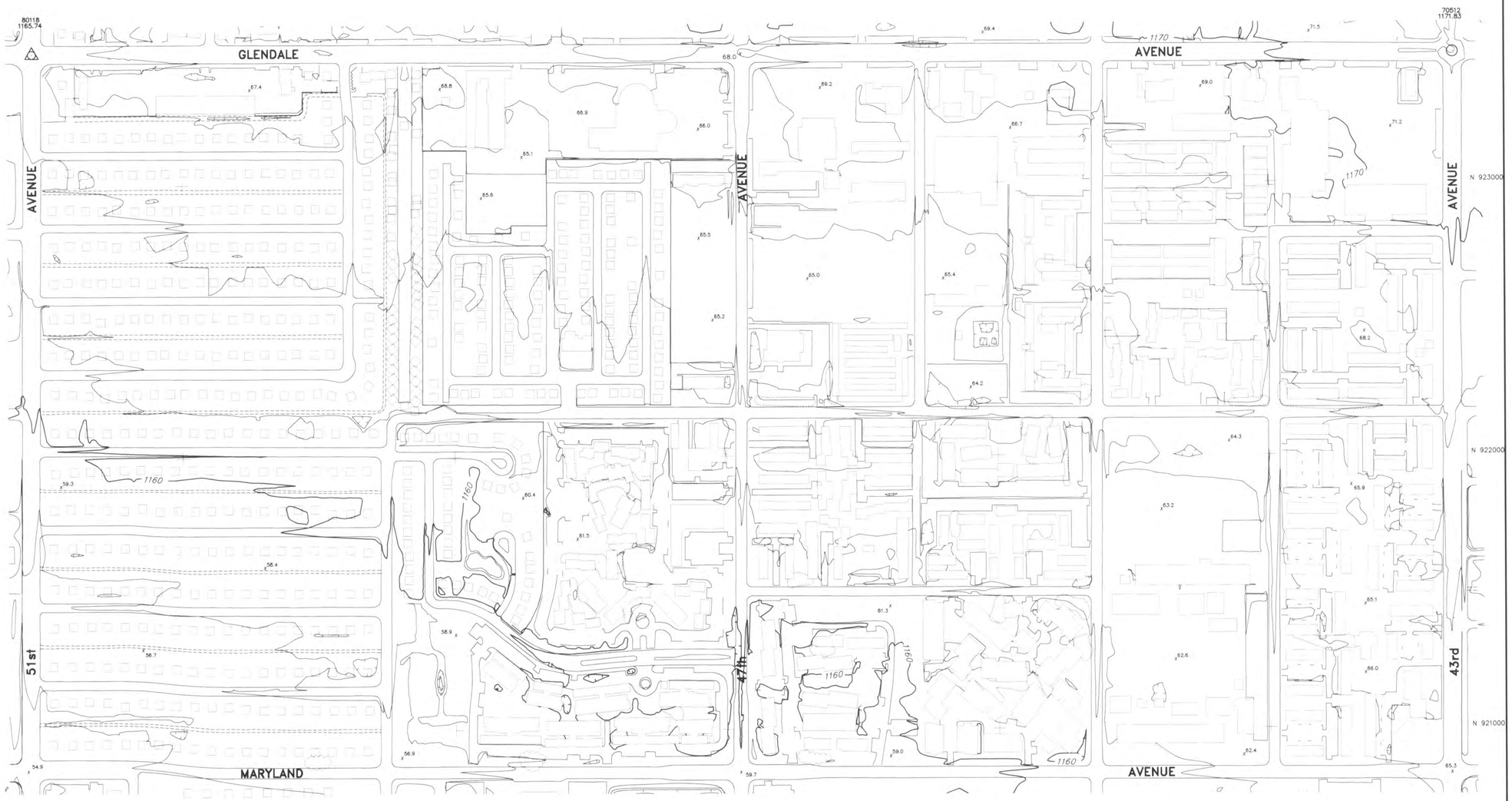
APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 80 OF 215

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

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

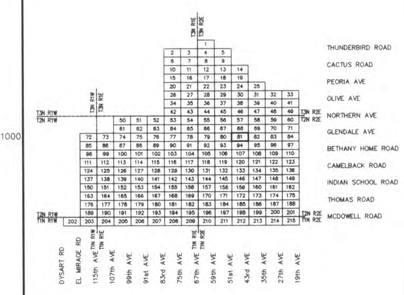
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1170 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80118	1165.84	B C H H
70512	1171.83	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

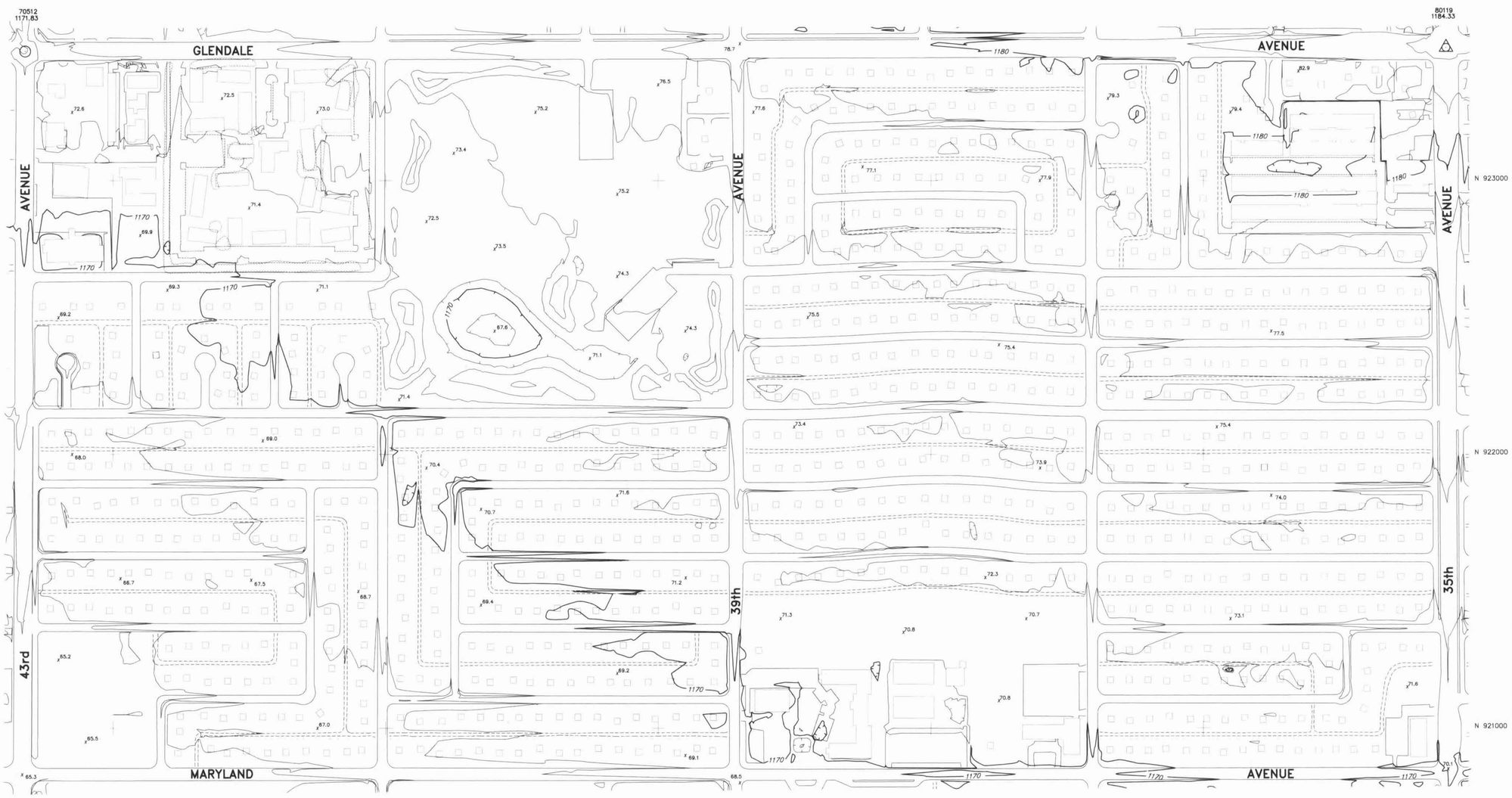
RECOMMENDED BY: DATE:

APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 81 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
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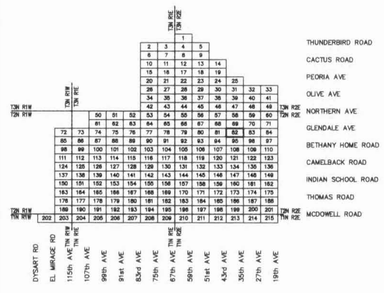
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80119	1183.92	B C H H
70512	1171.83	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 82 OF 215

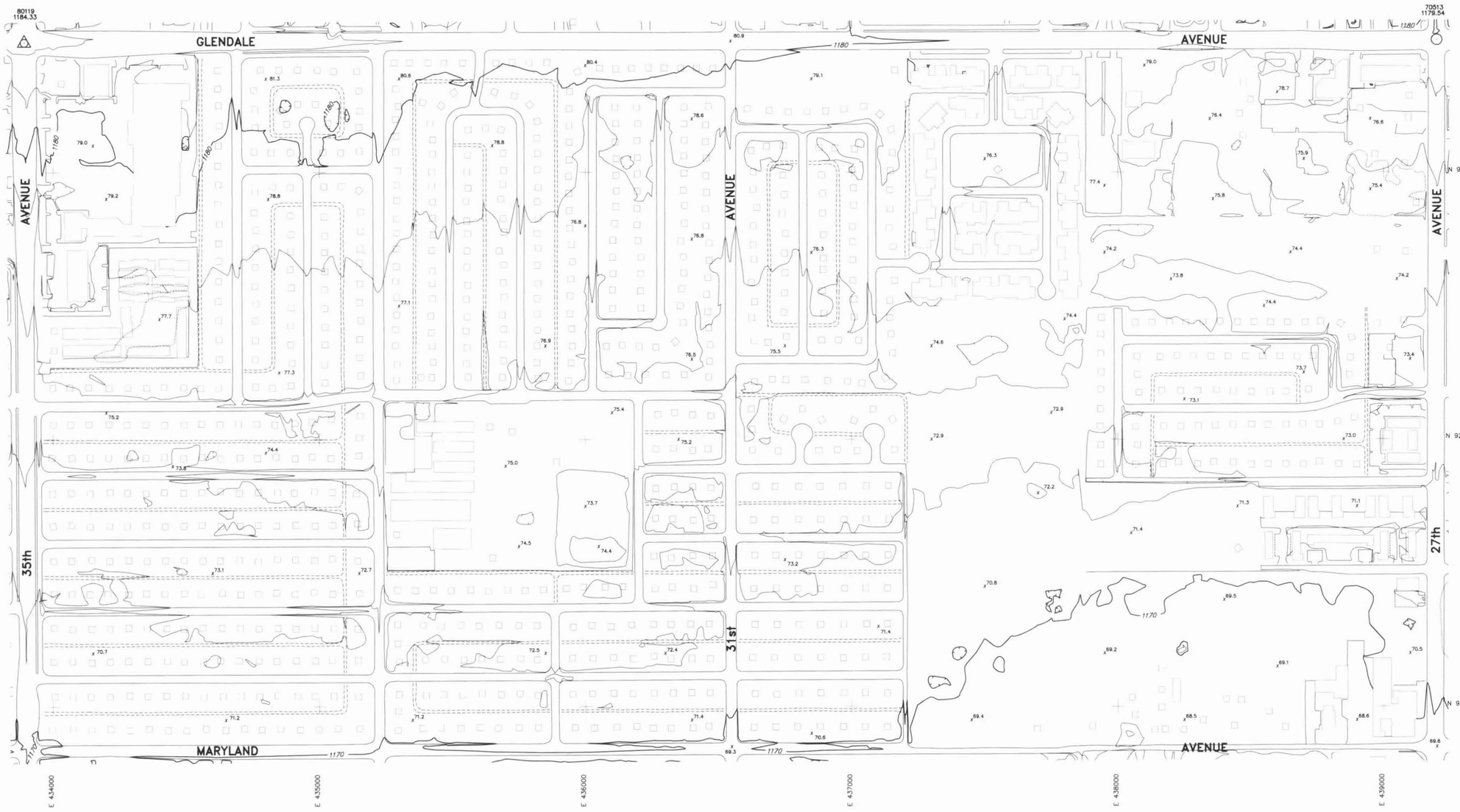
REGISTERED LAND SURVEYOR CERTIFICATE 4123 ROBERT M. WILLIAMS 8-2-96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

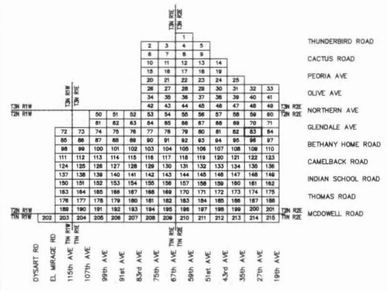
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80119	1183.92	B C H H
70513	1179.02	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

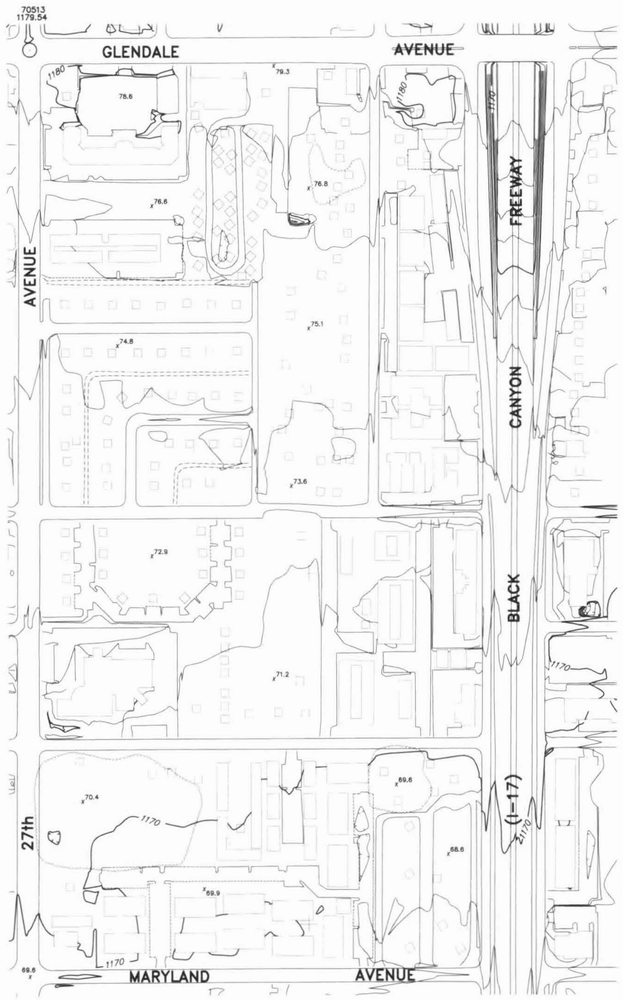
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 83 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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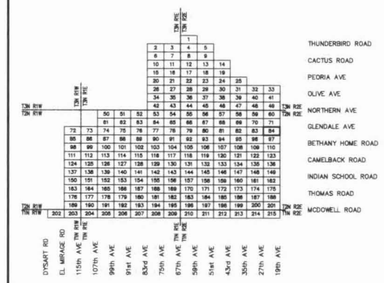
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70513	1179.02	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 84 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
Date Signed 8-2-94
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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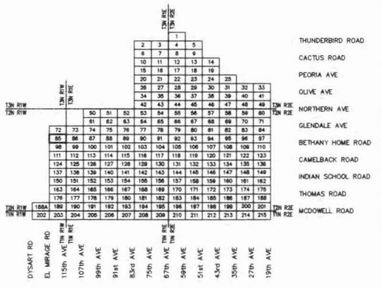
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 85 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M WILLIAMS
12-31-97
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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- CURB
- HIDDEN CURB
- RAILROAD
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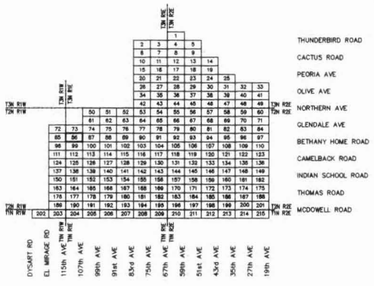
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

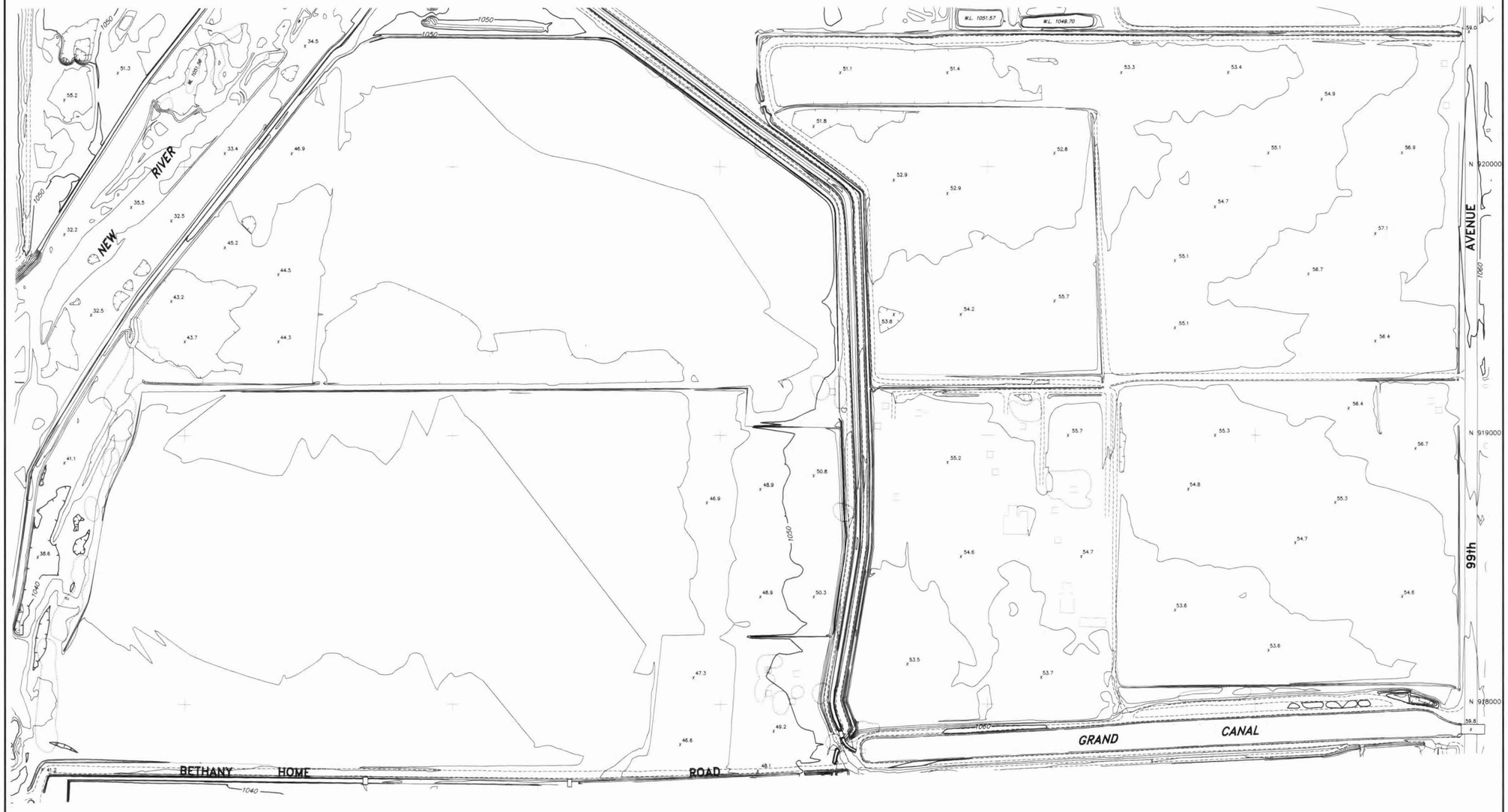
SHEET 86 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
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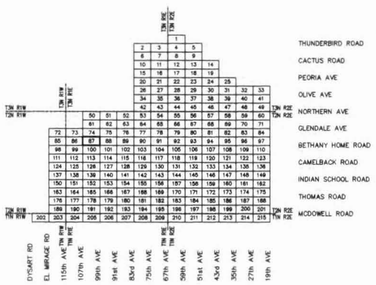
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

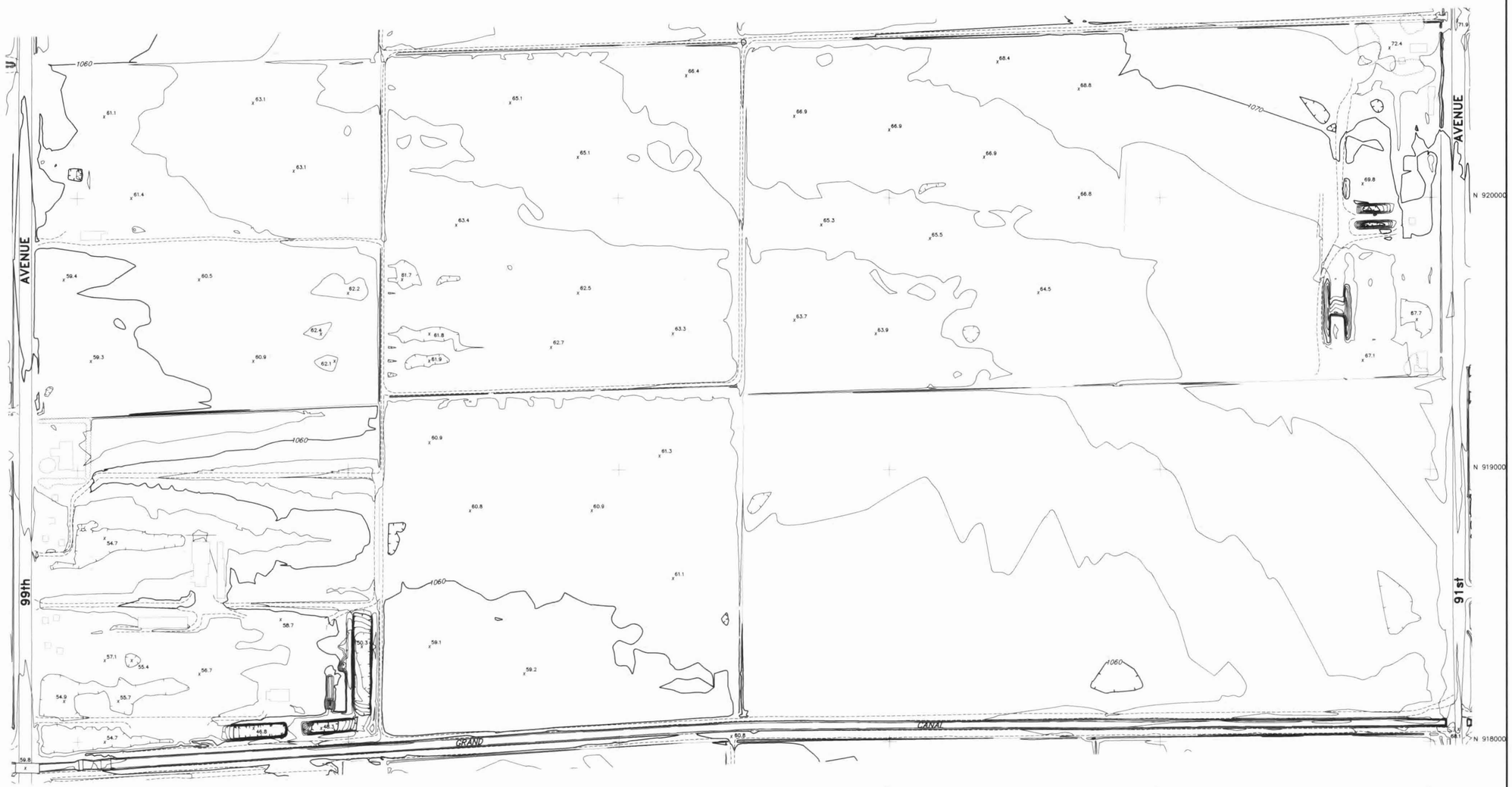
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 87 OF 215

10-3-96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
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- RAILROAD
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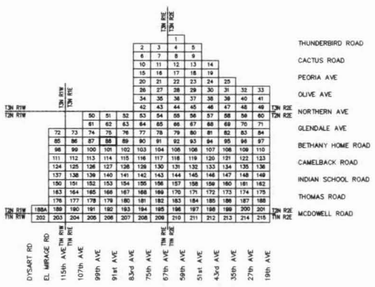
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

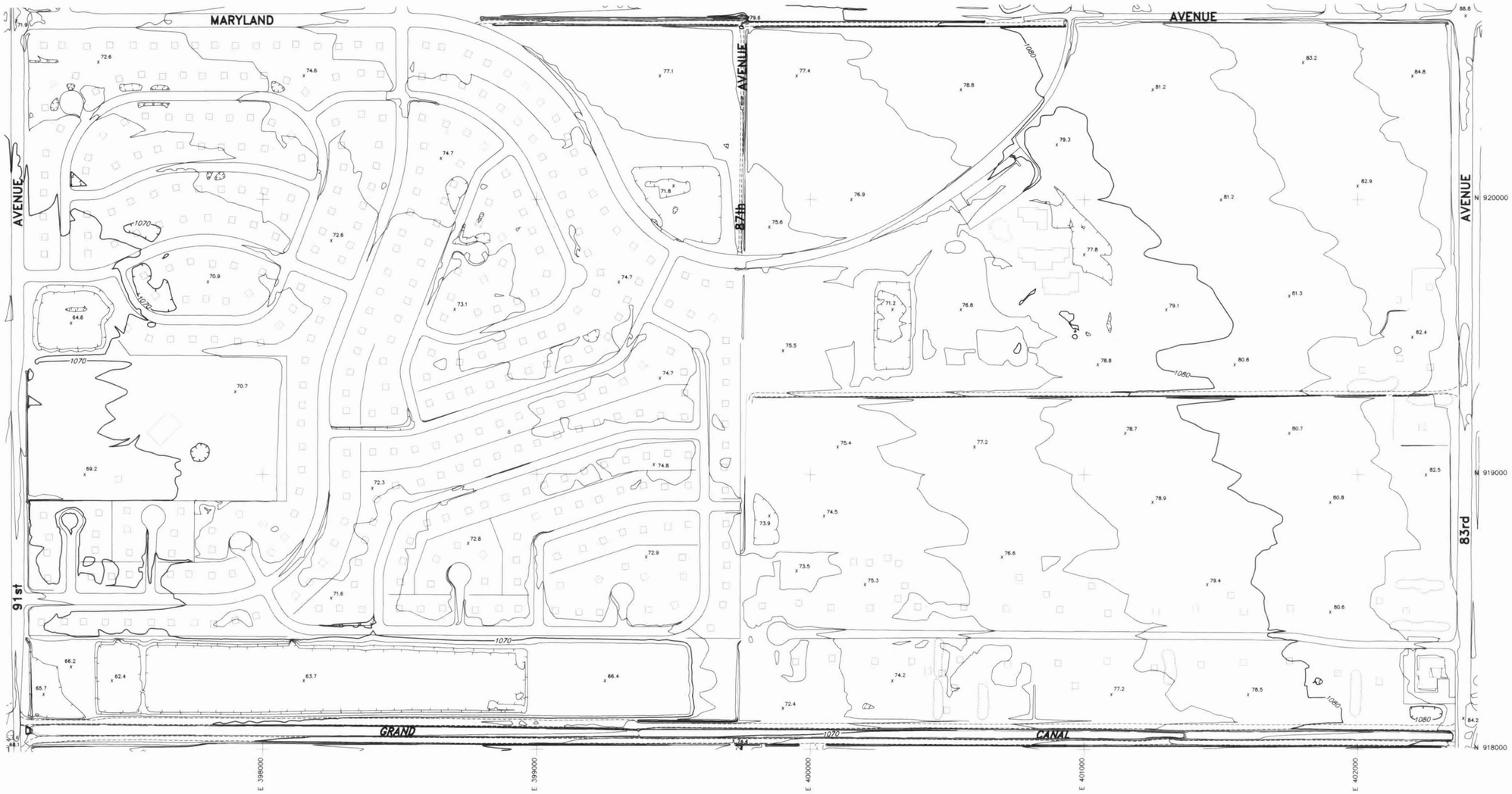
SHEET 88 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
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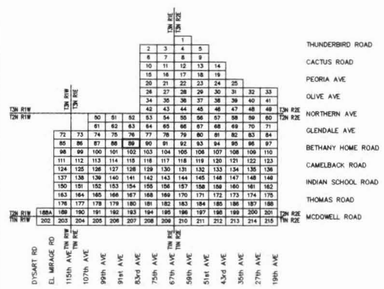
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY:	DATE
DESIGN	--	
DESIGN CHK.		
PLANS	--	--
PLANS CHK.	--	--

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

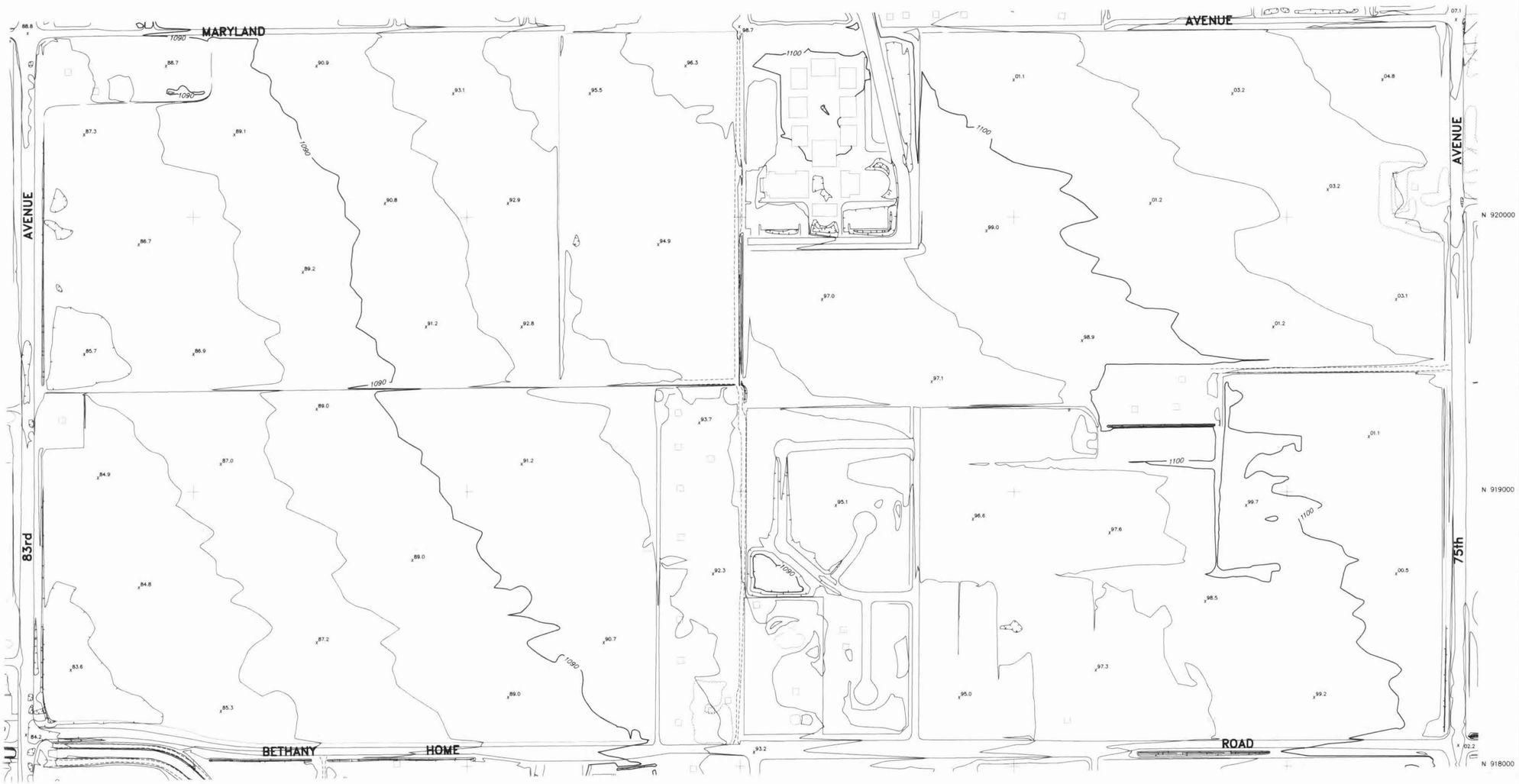
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 89 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 9-2-19 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

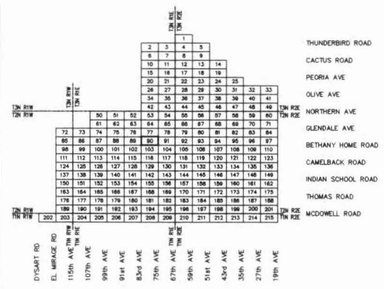
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

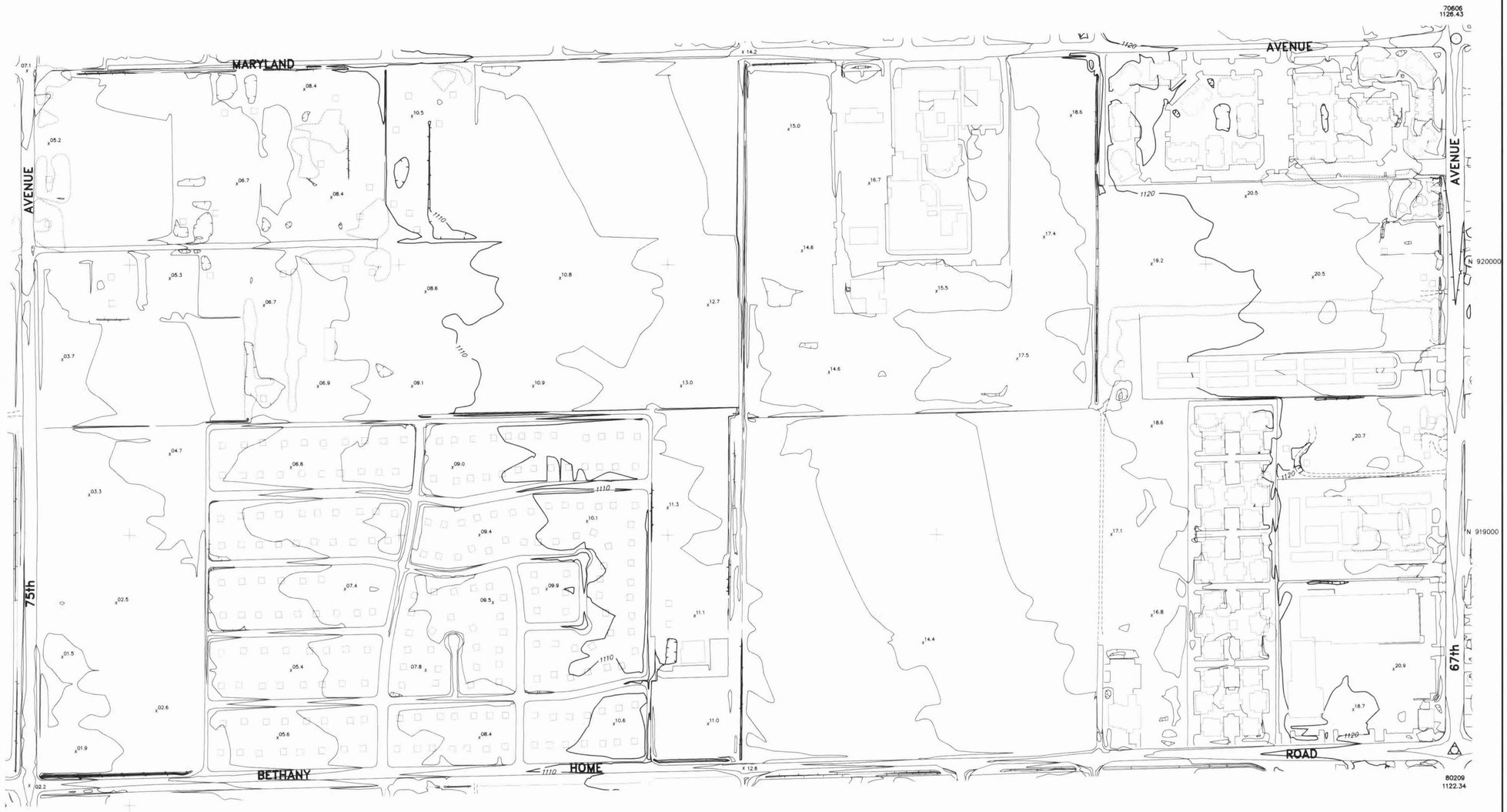
SHEET 90 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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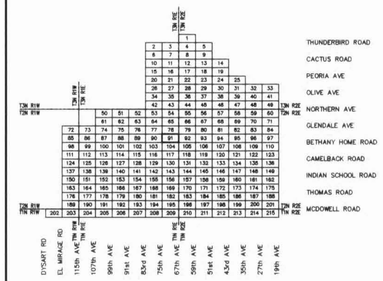
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80209	1121.84	CAP EL
70606	1126.43	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

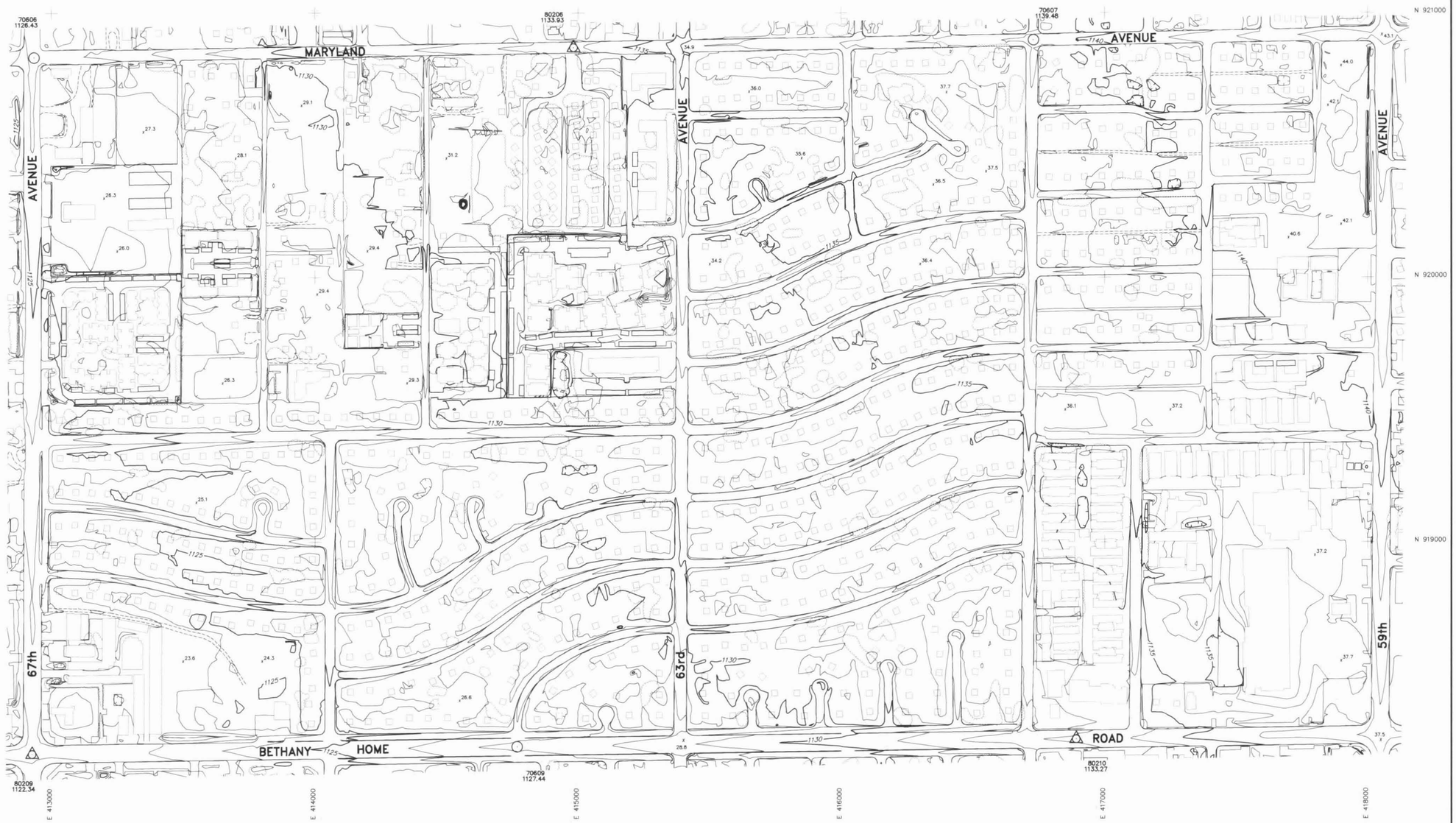
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 91 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 3-21-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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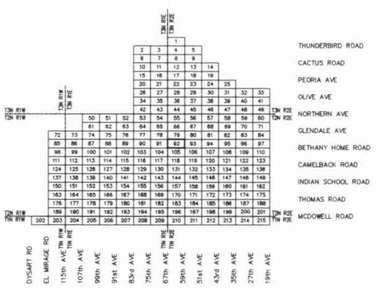
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80206	1133.93	P K NAIL
80209	1121.84	B C H H
80210	1133.27	P K NAIL
70606	1126.43	B C H H
70607	1139.48	B C H H
70609	1127.44	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 92 OF 215

4123 ROBERT M. WILLIAMS 4-22-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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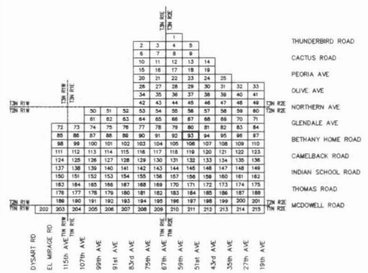
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80207	1147.18	P K NAIL
70610	1139.39	BRASS CAP
80211	1143.62	P K NAIL
70611	1149.01	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	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 93 OF 215

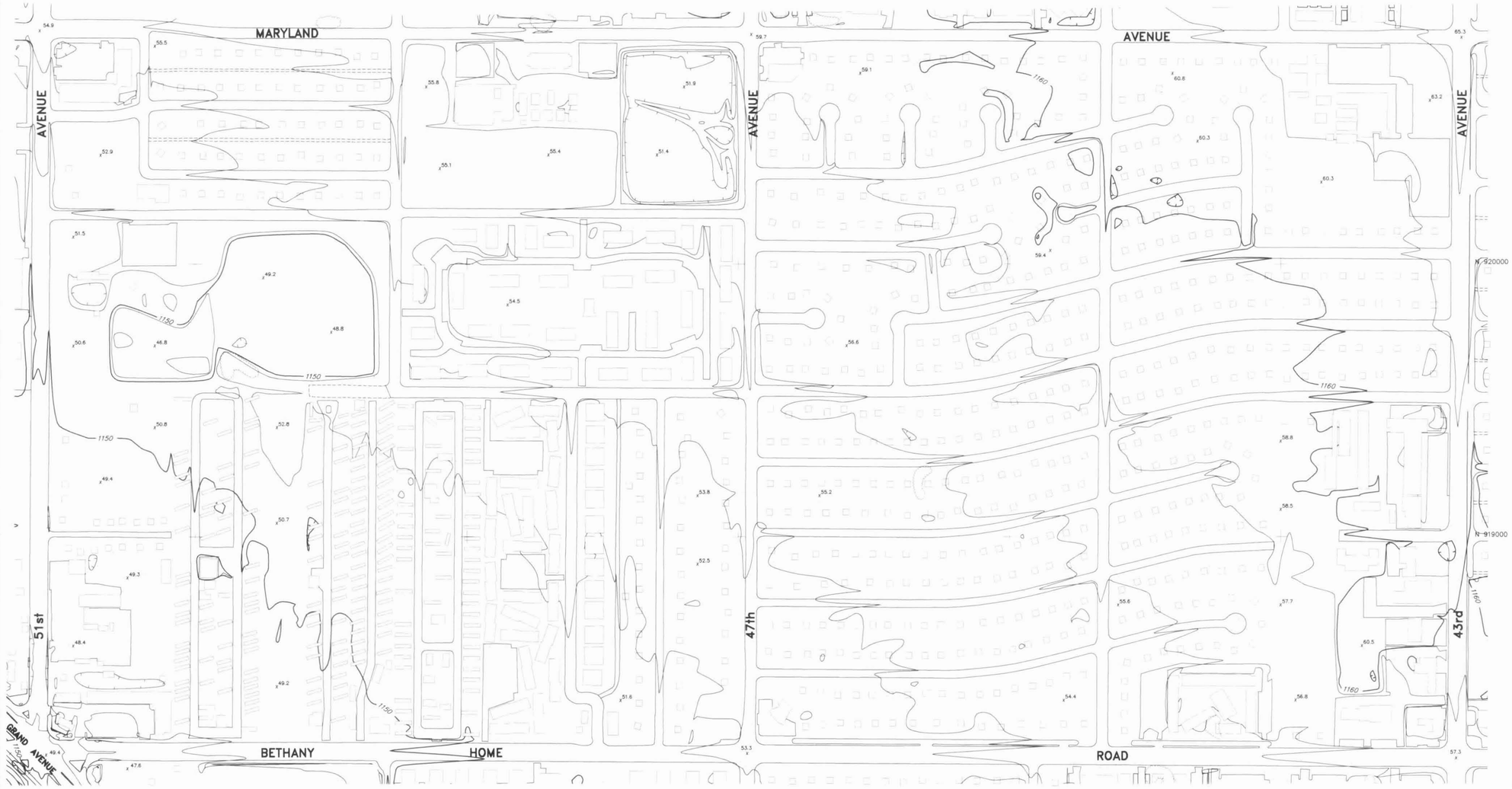
4123 ROBERT M. WILLIAMS CERTIFICATE NO. 22-E

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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- DIRT ROAD
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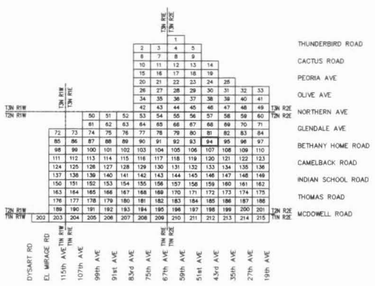
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 94 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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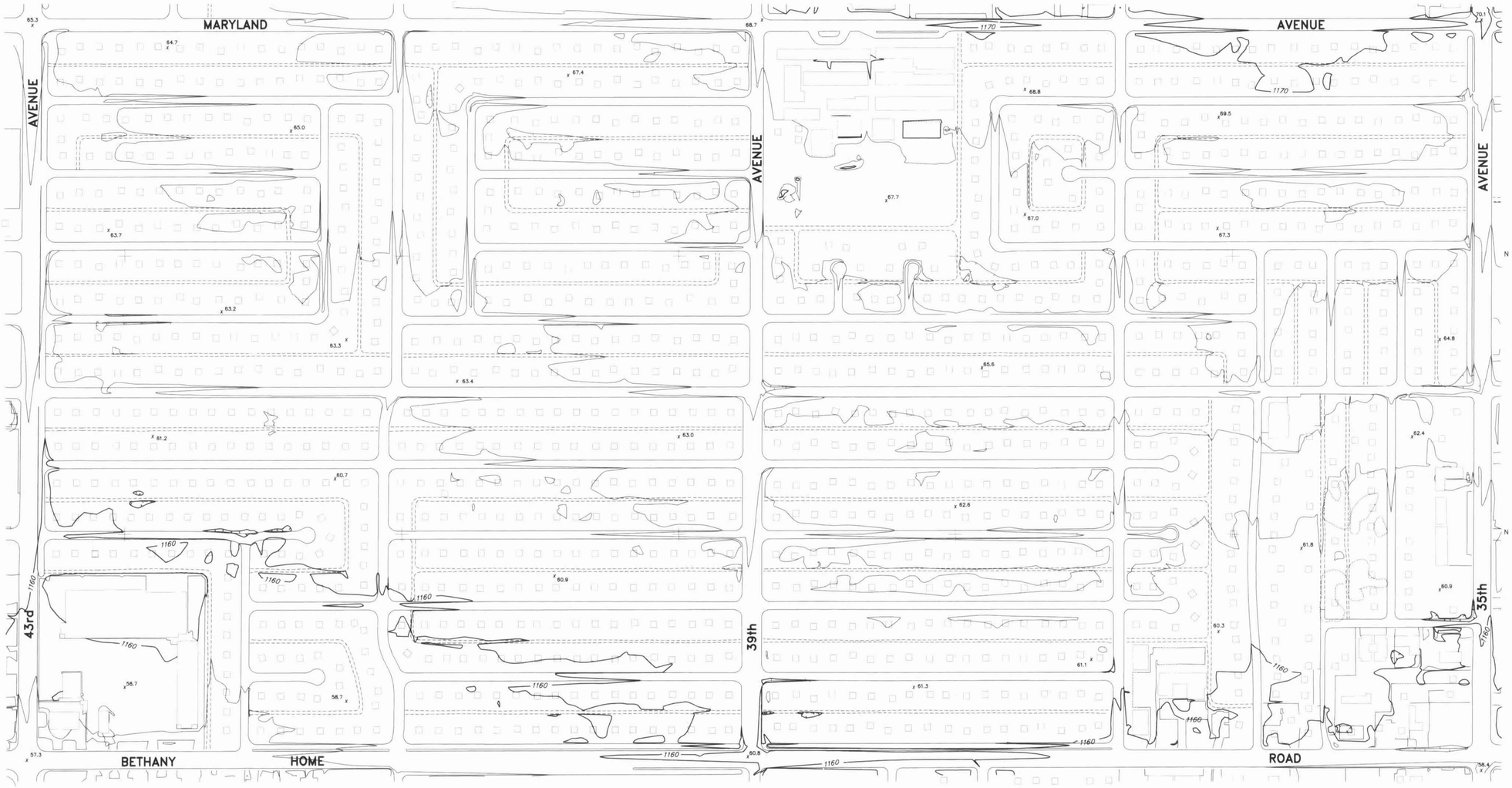

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
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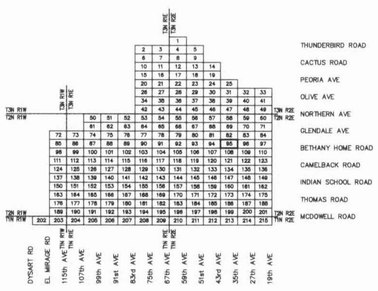
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

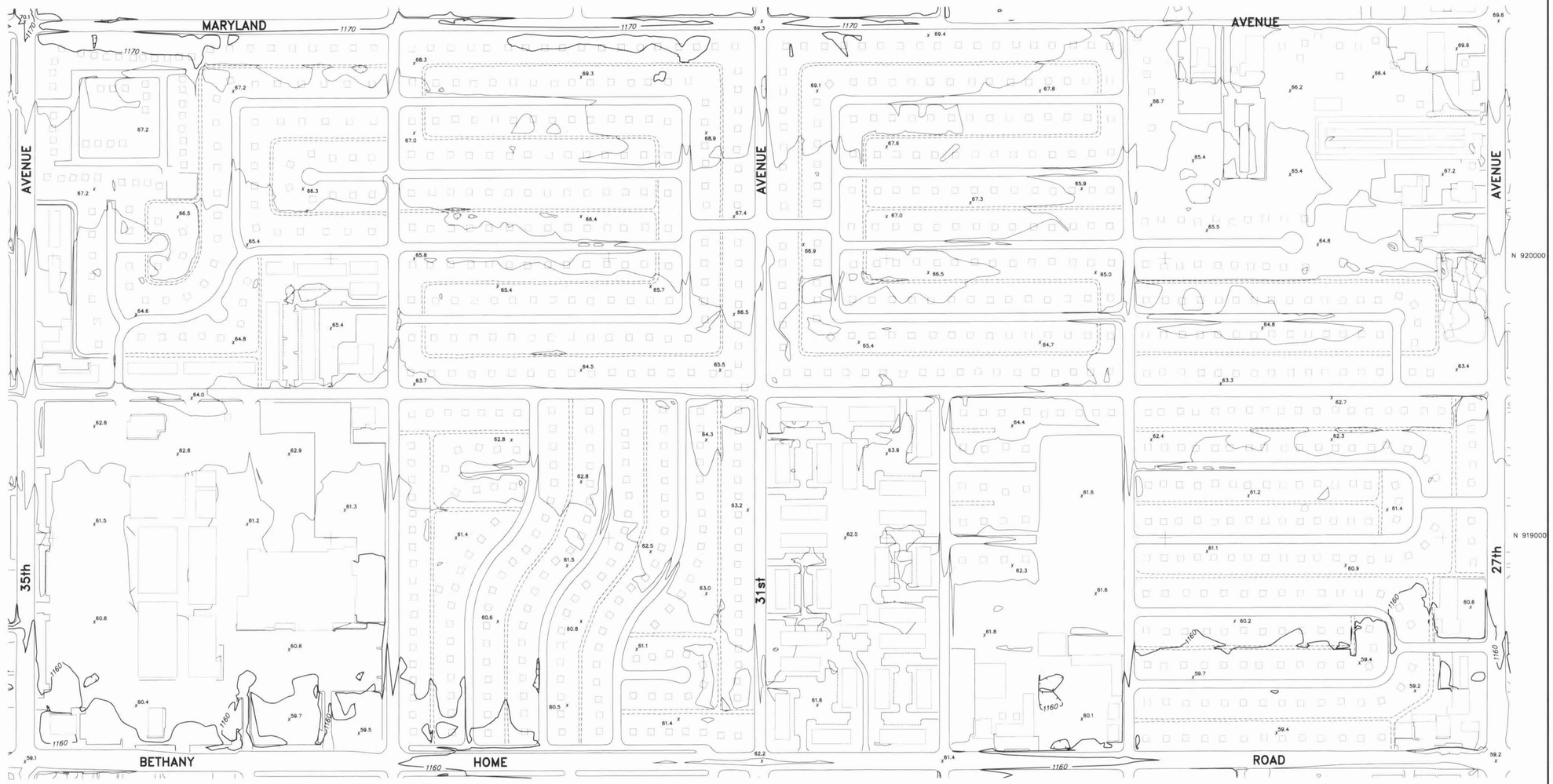
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 95 OF 215

4223 ROBERT M. WILLIAMS AZ 8-2-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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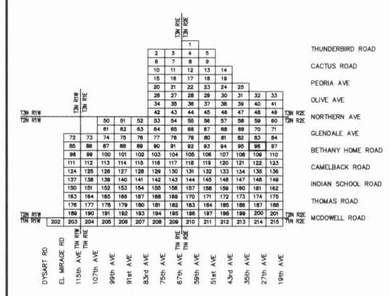
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

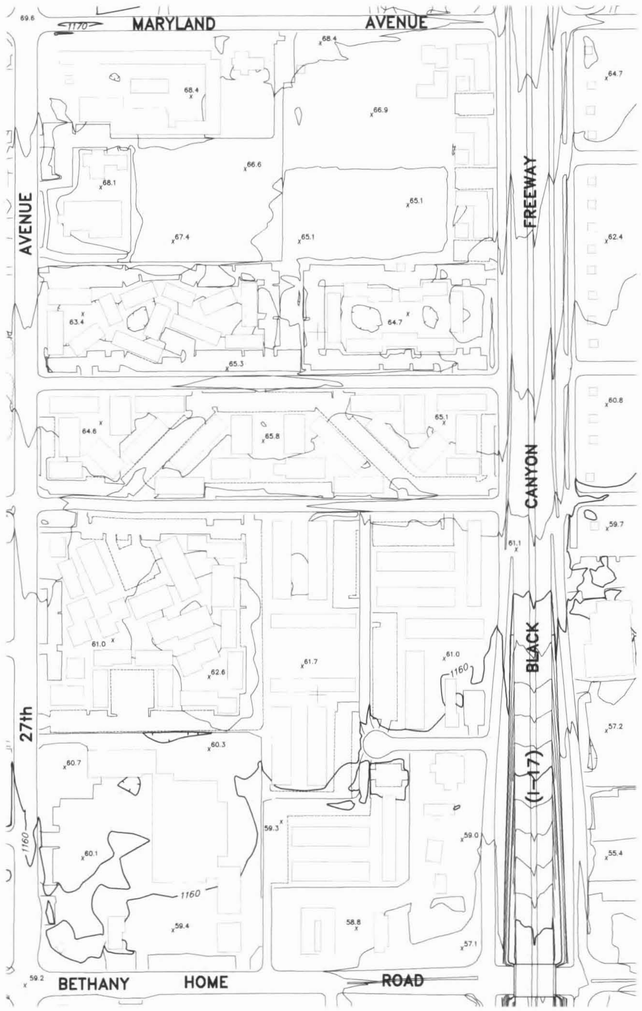
CHIEF ENGINEER AND GENERAL MANAGER

SUBMITTED BY: DATE:

SHEET 96 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 8-2-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
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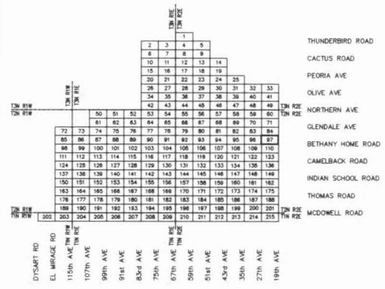
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

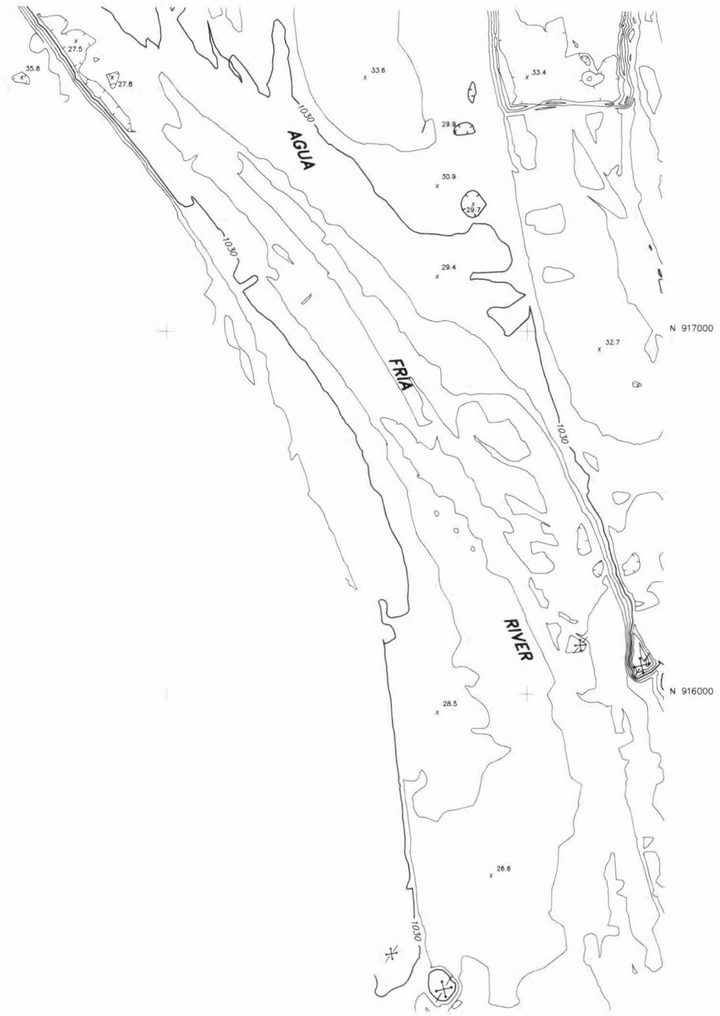
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 97 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE 123 ROBERT M. WILLIAMS 8-27-94 STATE OF ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
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- TREE LINE
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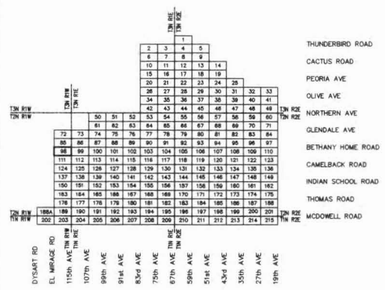
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 98 OF 215

REGISTERED LAND SURVEYOR
4123
ROBERT M. WILLIAMS
10-31-96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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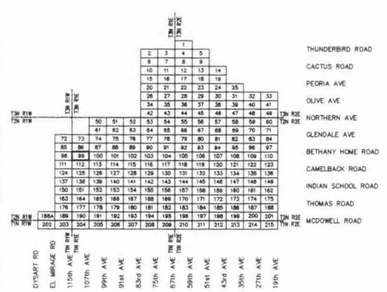
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	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 99 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
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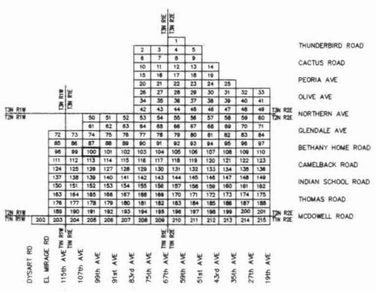
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 100 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

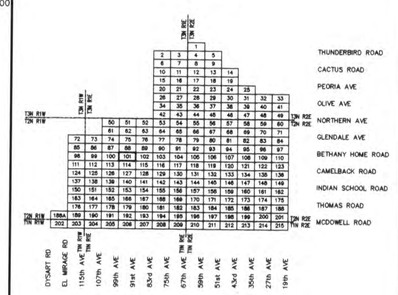
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

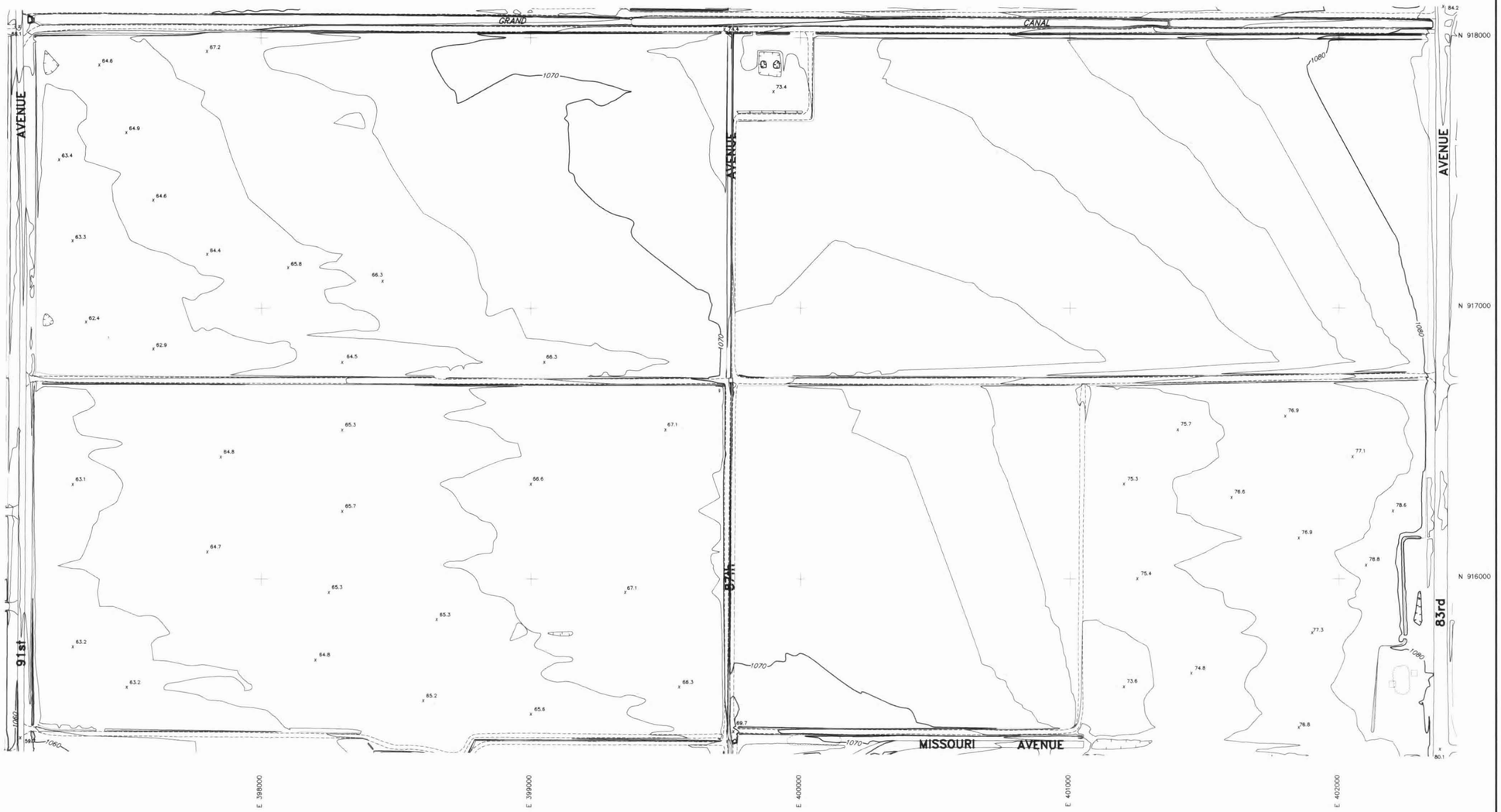
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 101 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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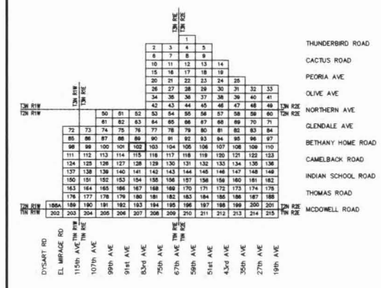
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 102 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 9-21-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
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- TREE LINE
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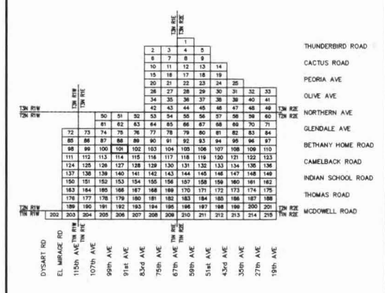
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 103 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
9-21
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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- INTERMEDIATE CONTOUR
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- TREE LINE
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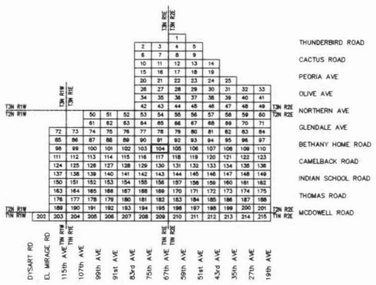
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80209	1121.84	CAP EL
70612	1115.66	B C H H

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

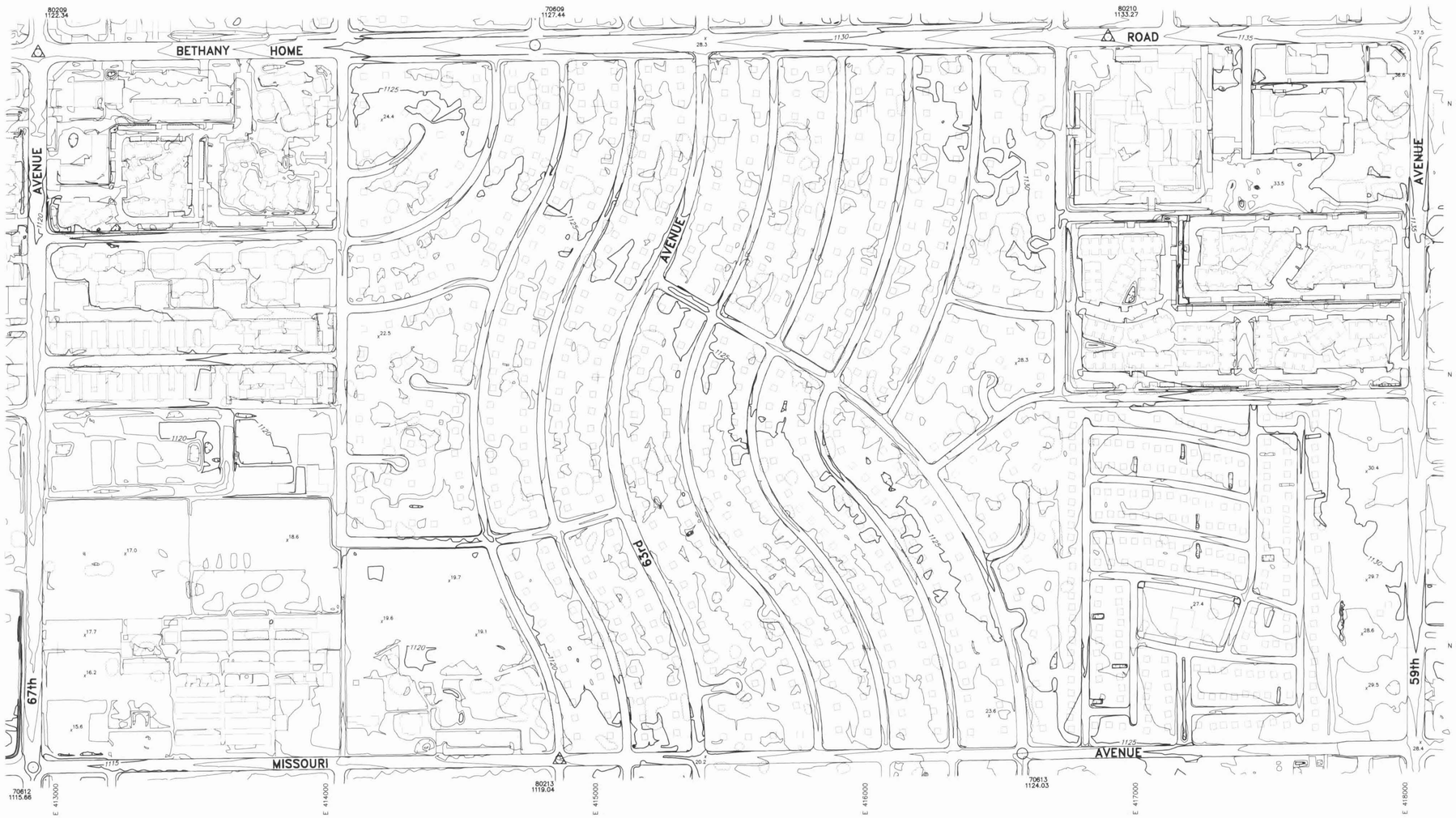
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 104 OF 215

4123 ROBERT M. WILLIAMS 3-21-95 REGISTERED LAND SURVEYOR

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
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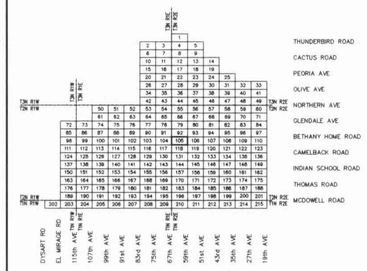
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80209	1121.84	B C H H
80210	1133.27	P K NAIL
80213	1119.04	BRASS CAP
70609	1127.44	P K NAIL
70612	1115.66	B C H H
70613	1124.03	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 105 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
6-28-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
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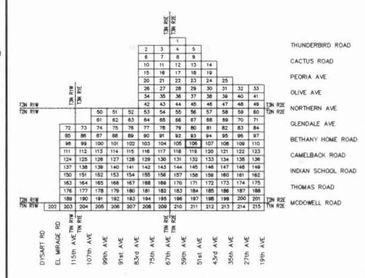
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80211	1143.62	P K NAIL
80214	1131.30	P K NAIL
80215	1139.18	P K NAIL
70610	1139.39	BRASS CAP
70614	1135.41	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

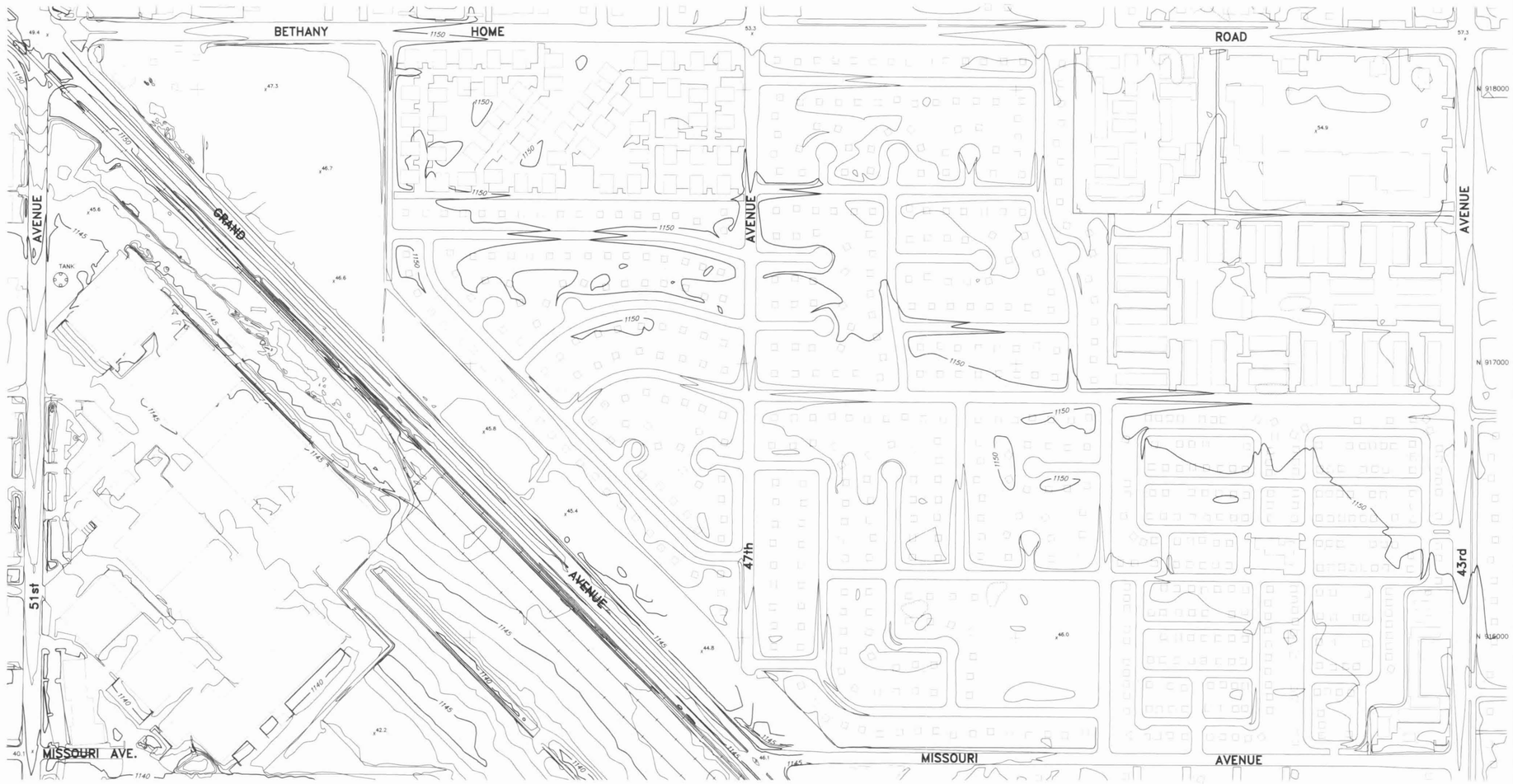
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 106 OF 215

4123 ROBERT M WILLIAMS JR CERTIFICATE EXPIRES 6-30-95 SURVEYOR ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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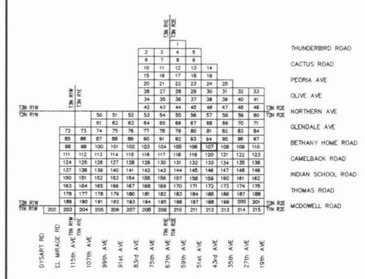
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 107 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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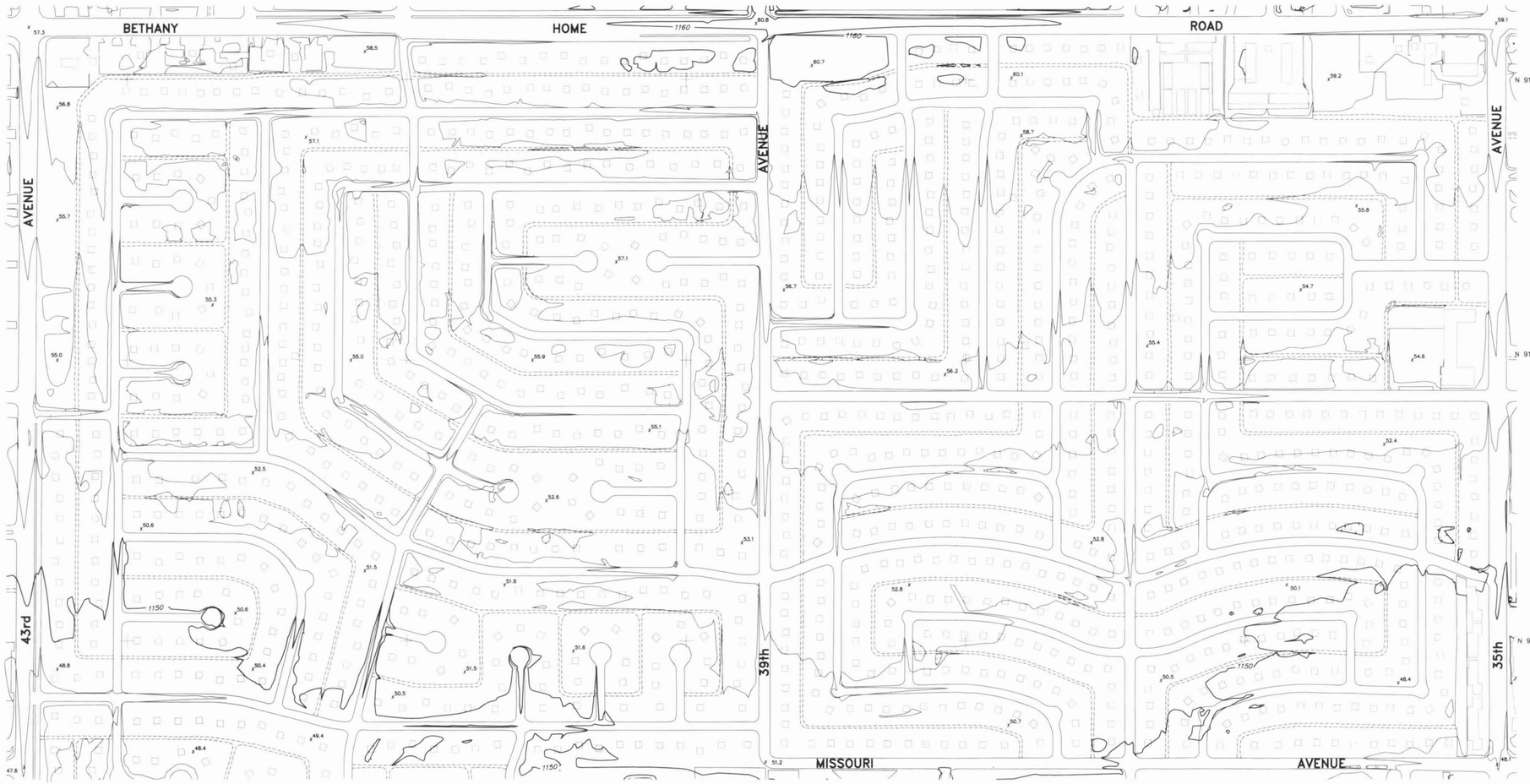

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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ELEVATION REFERENCE MARKS

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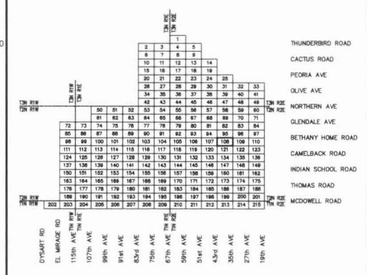
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

DESIGN	BY	DATE
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

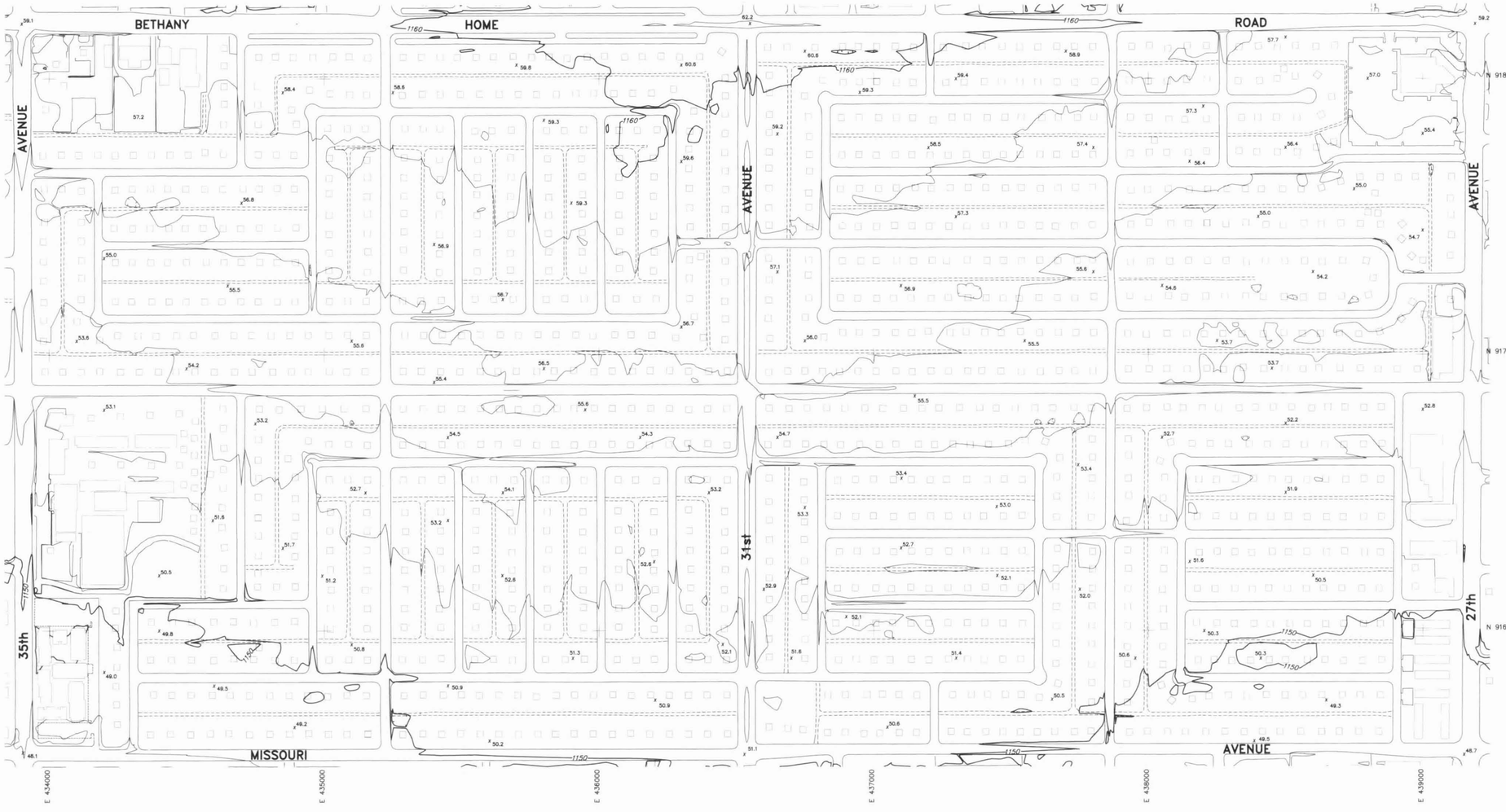
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 108 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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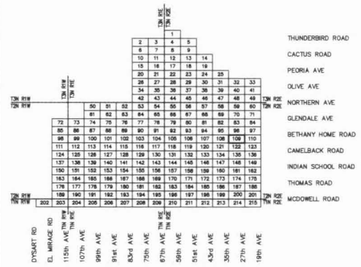
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

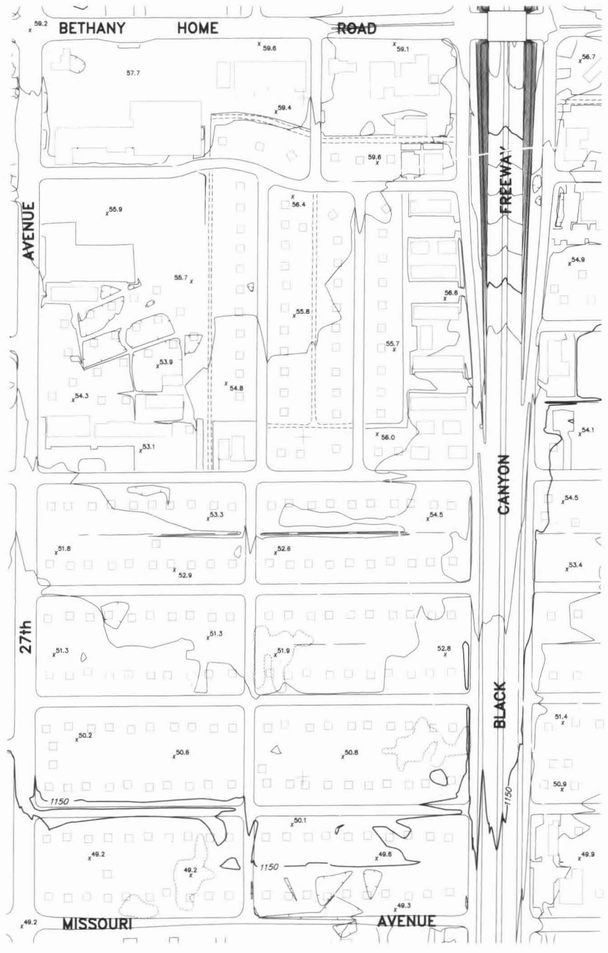
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 109 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
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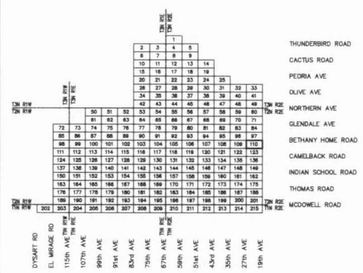
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

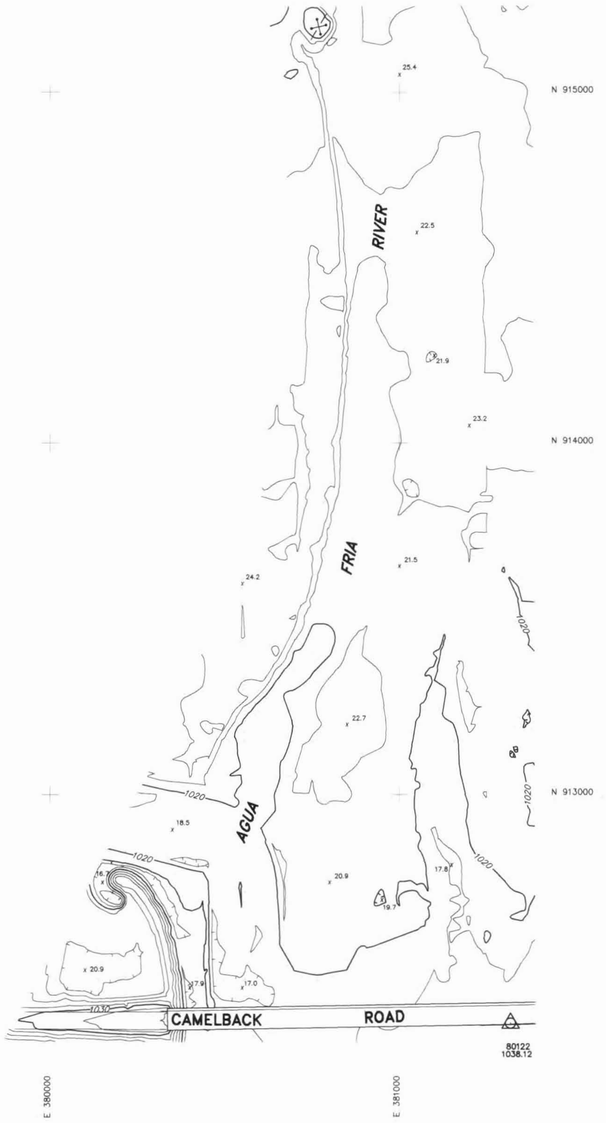
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 110 OF 215

4123 ROBERT M. WILLIAMS 8-2-94

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

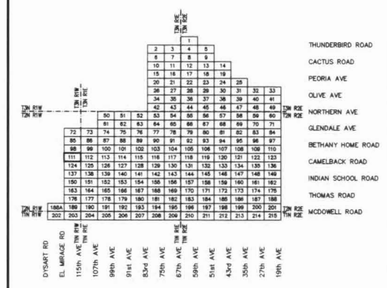
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80122	1038.12	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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

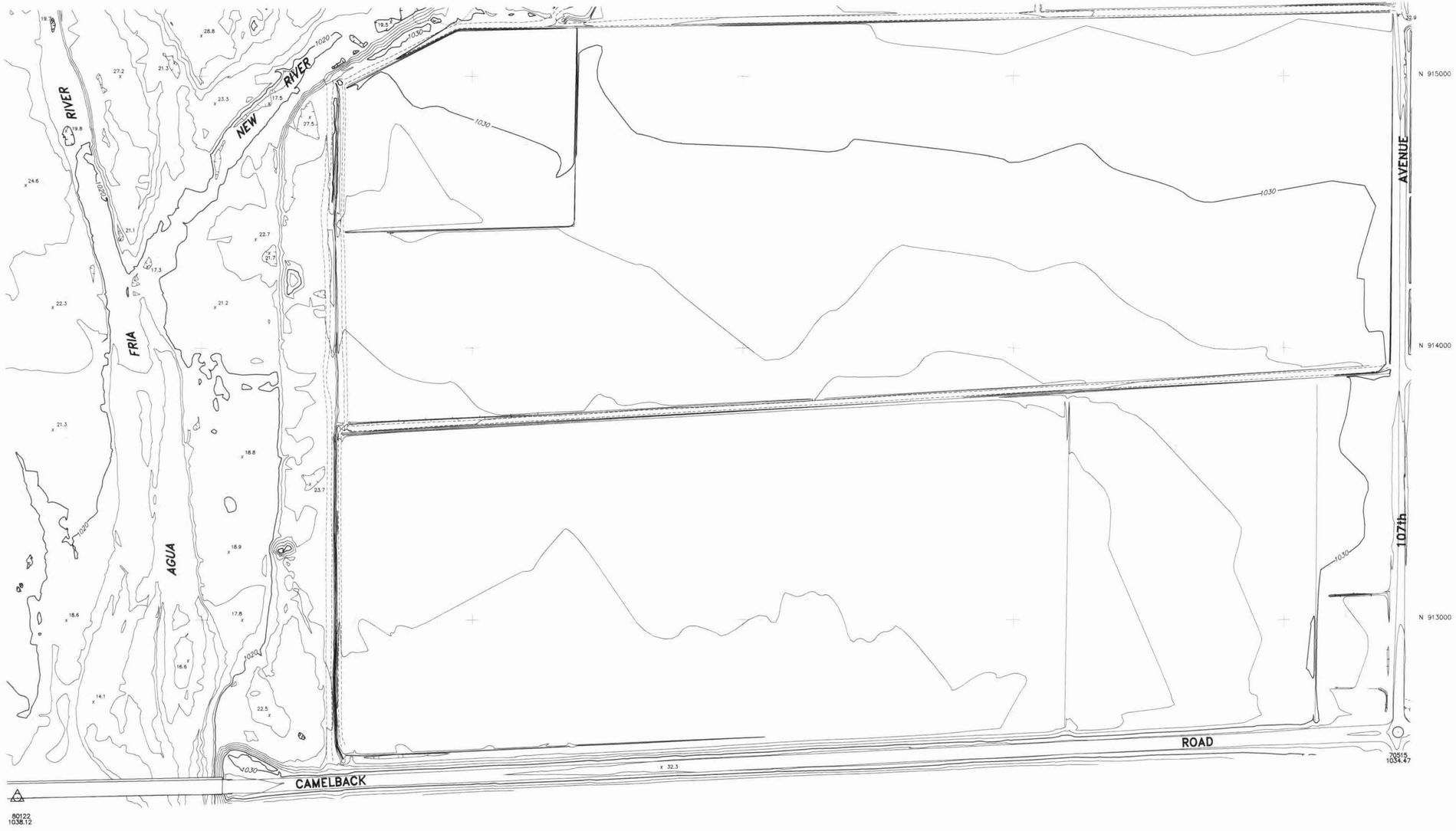
SHEET 111 OF 215

315

MARYVALE ADMS/TOPO #2
KENNEY AERIAL MAPPING
FCD 93-33

Sheets 111-174

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

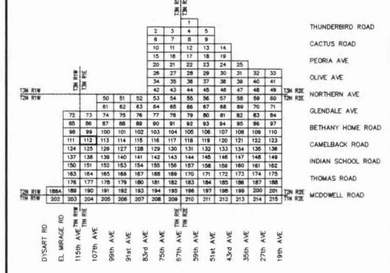
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80122	1038.12	BRASS CAP
70515	1034.47	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 112 OF 215

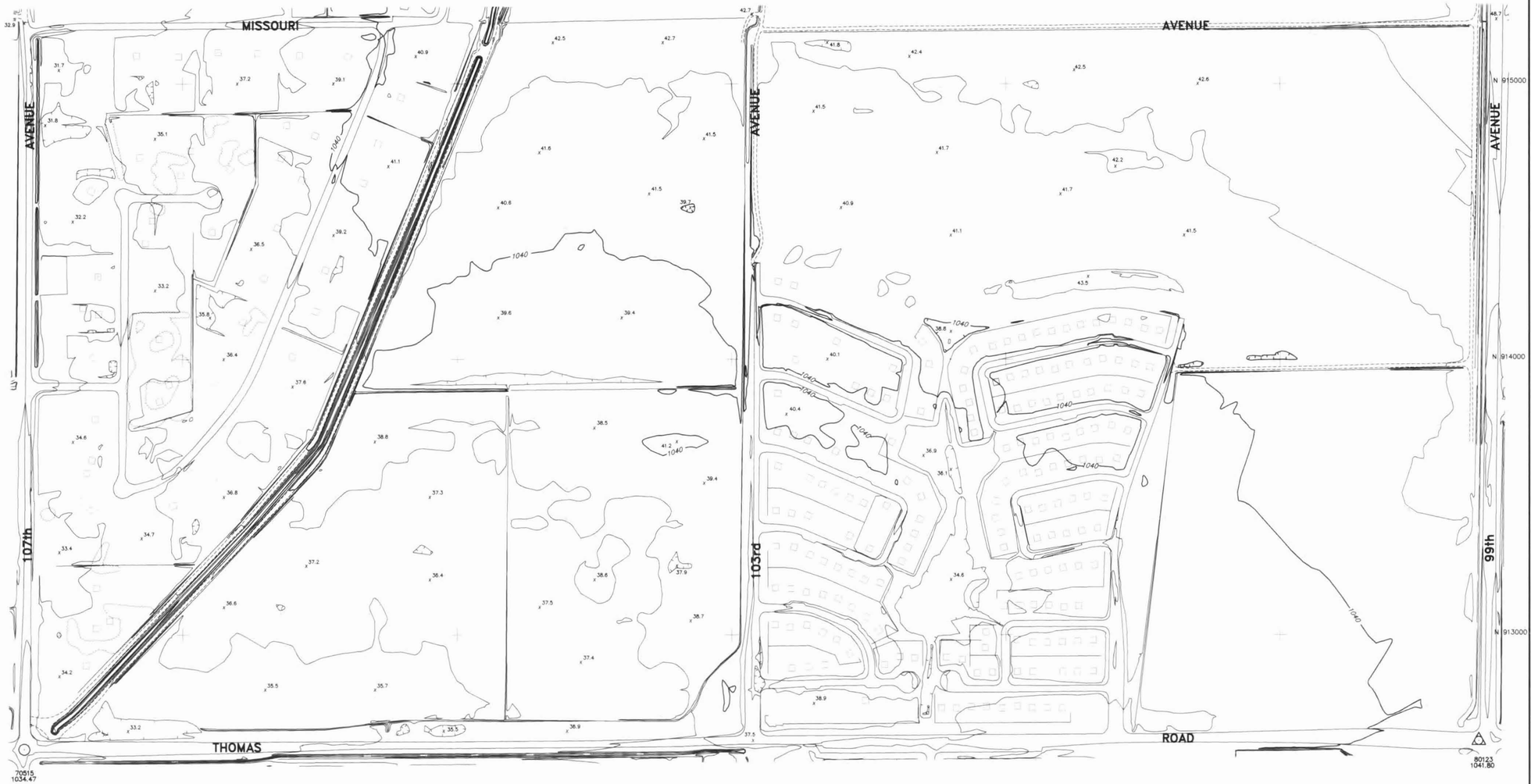
ROBERT M. WILLIAMS 4125 REGISTERED LAND SURVEYOR 10-23-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

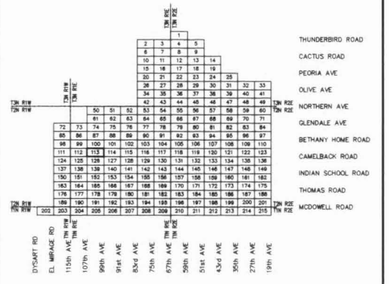
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80123	1041.80	B C H H
70515	1034.47	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 113 OF 215

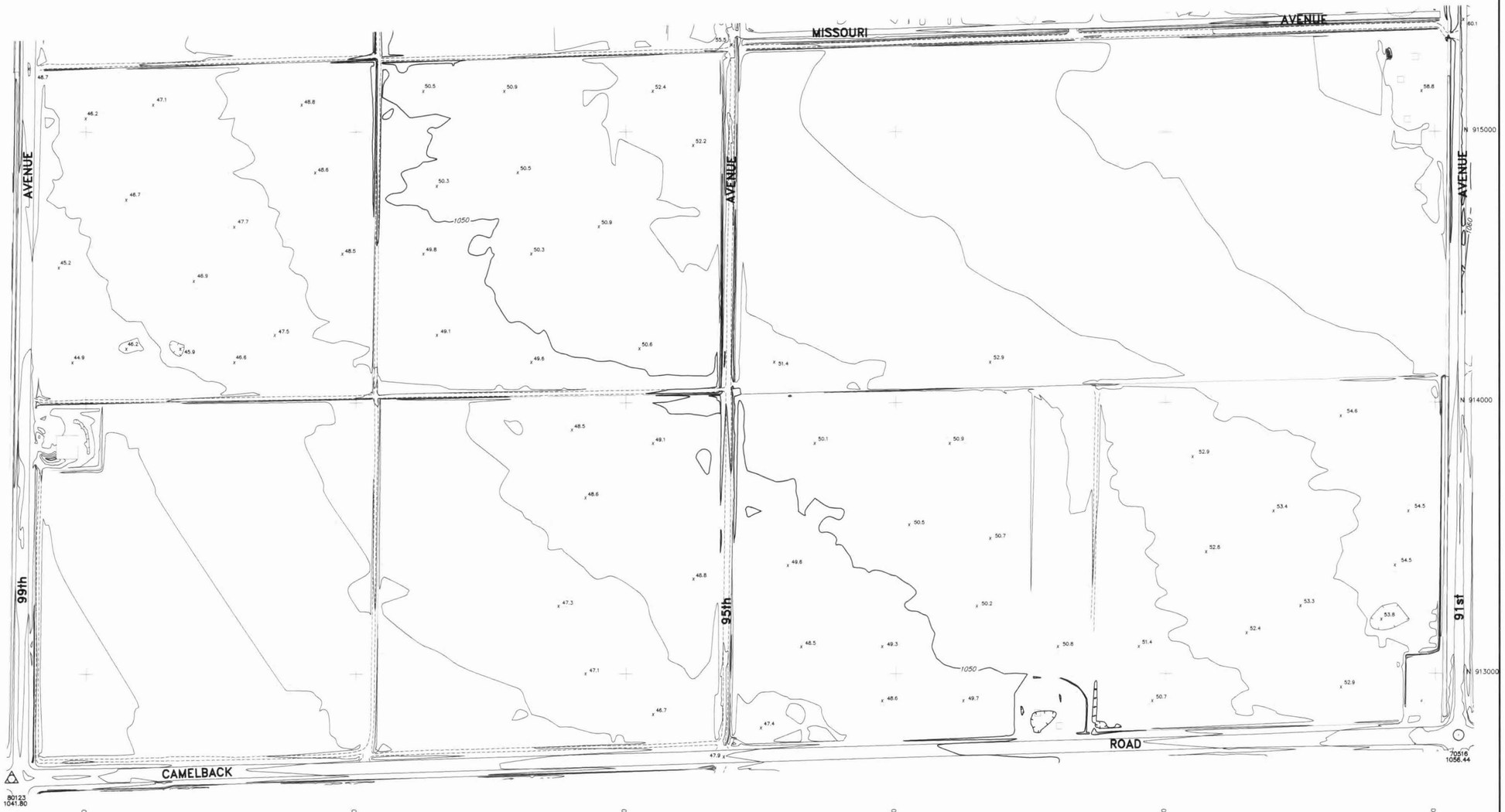
4.23 ROBERT M. WILKINS 10.2.96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

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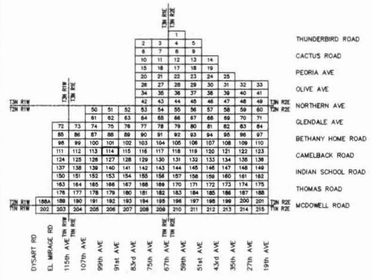
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80123	1041.80	B C H H
70516	1056.44	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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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

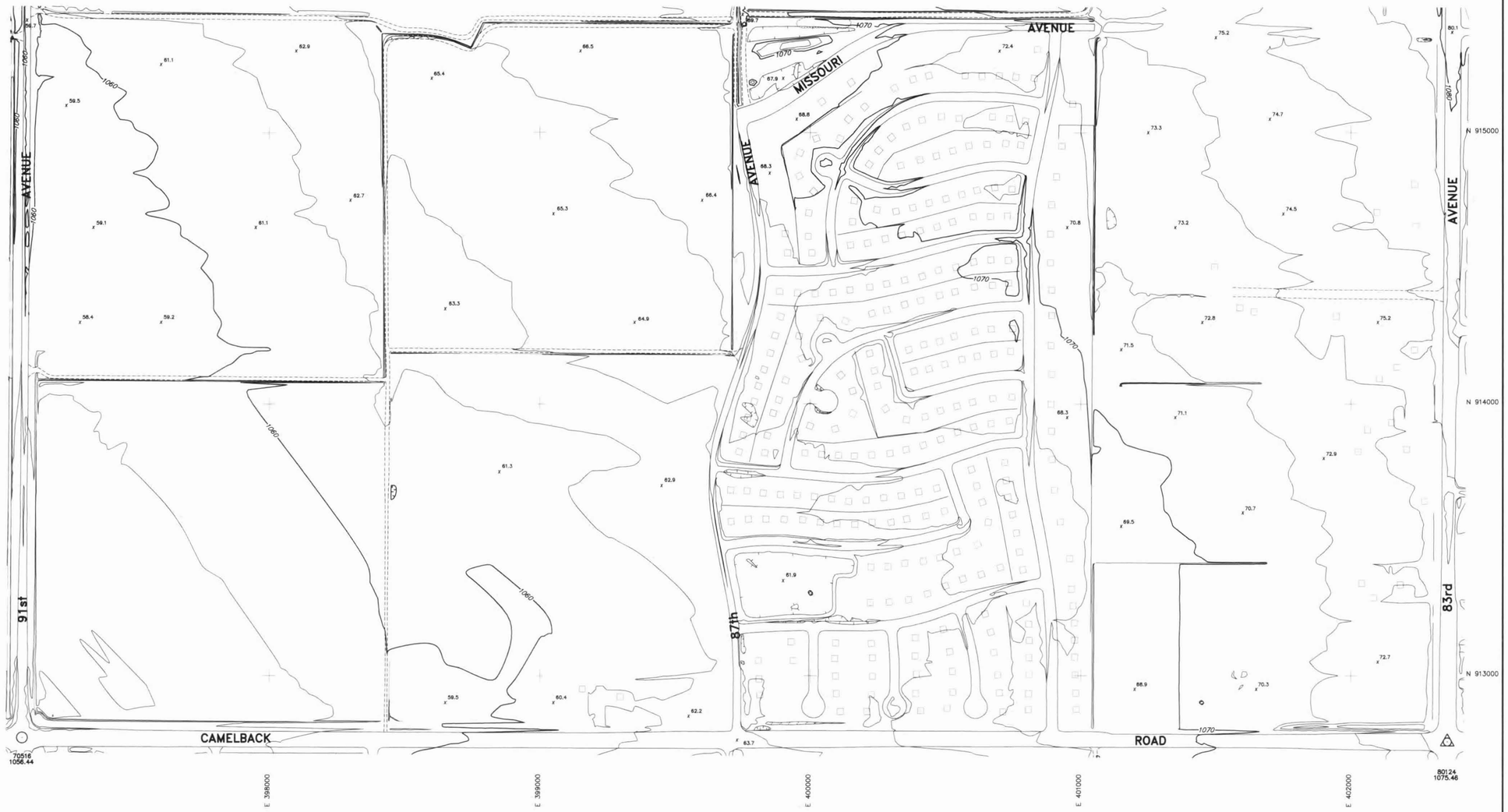
SHEET 114 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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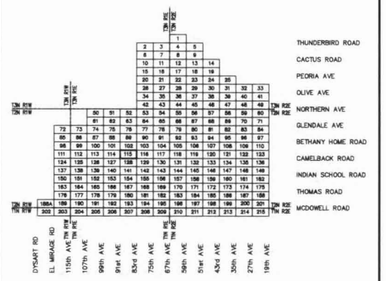
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80124	1074.98	B C H H
70516	1056.44	P. K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 115 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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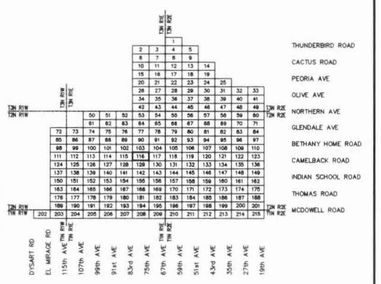
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80124	1074.98	BC EL
70517	1095.31	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY:	DATE:
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE:

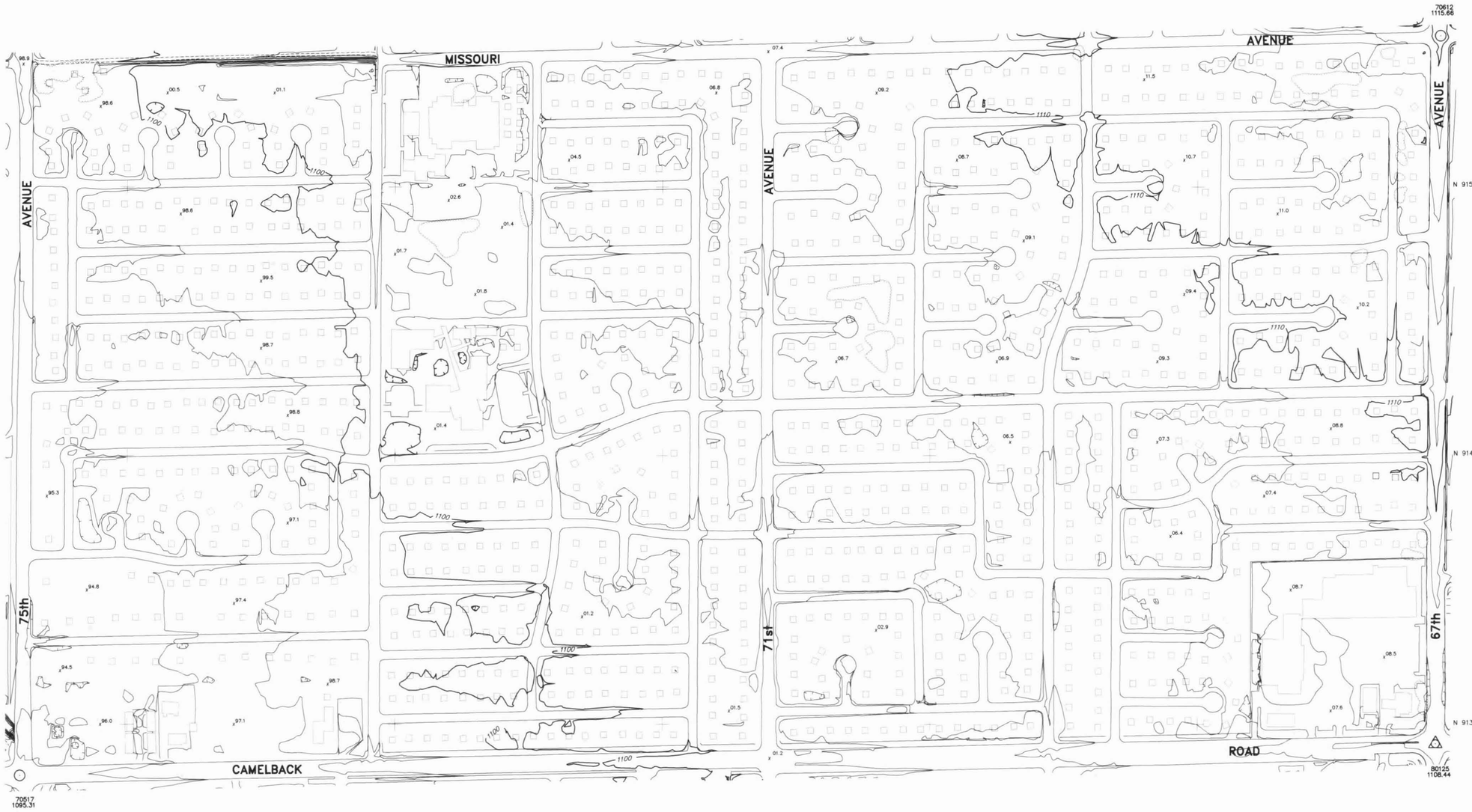
APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 116 OF 215

4123 ROBERT M. WILLIAMS 9-21-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
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- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
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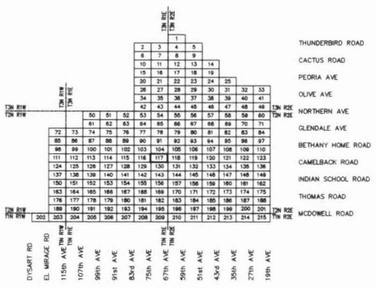
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80125	1107.58	BC EL
70517	1095.31	B C H H
70612	1115.66	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 117 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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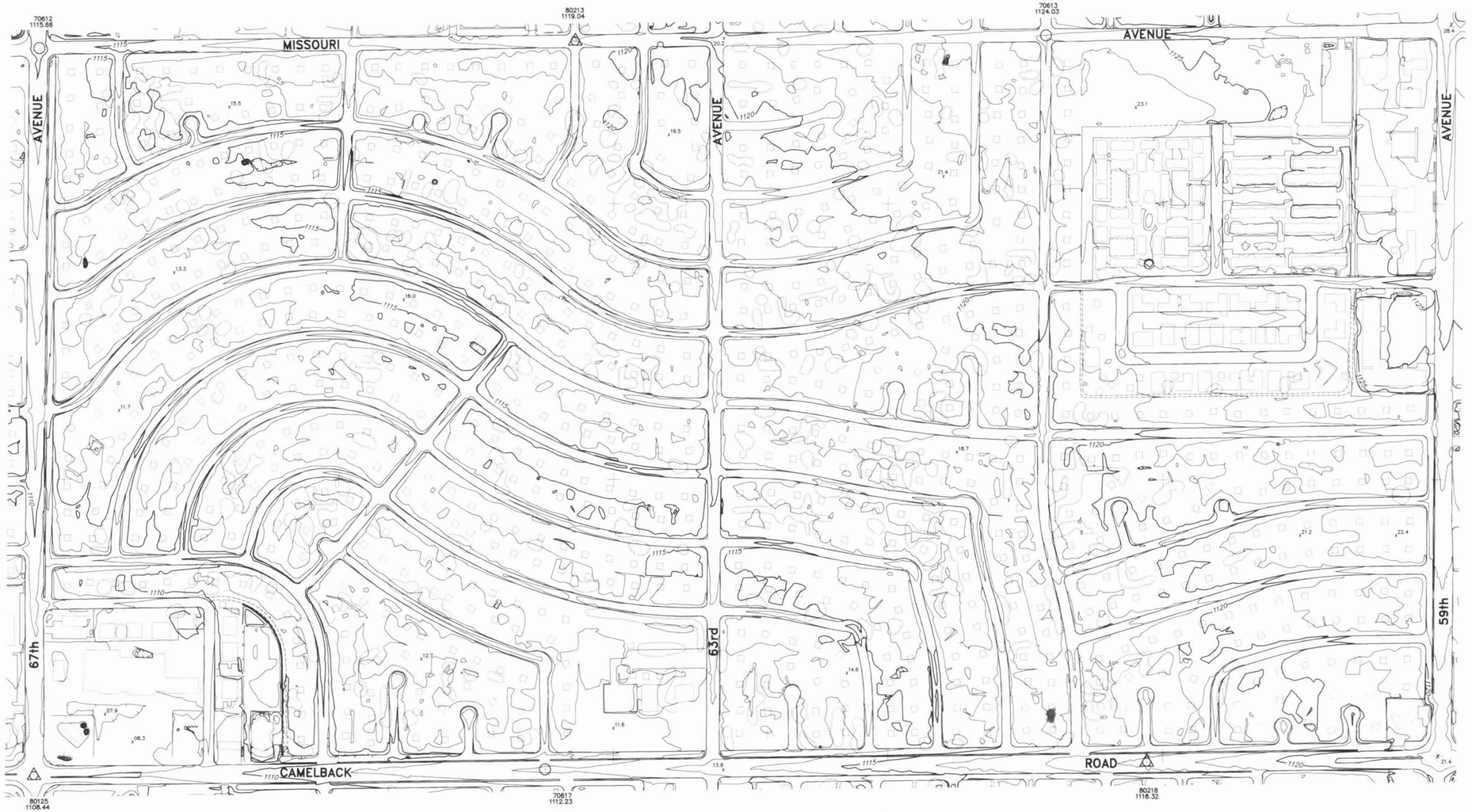

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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- RAILROAD
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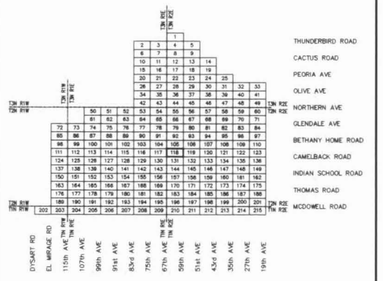
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80125	1107.58	B C H H
80213	1119.04	BRASS CAP
80218	1118.32	BRASS CAP
70612	1115.66	B C H H
70613	1124.03	BRASS CAP
70617	1112.23	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

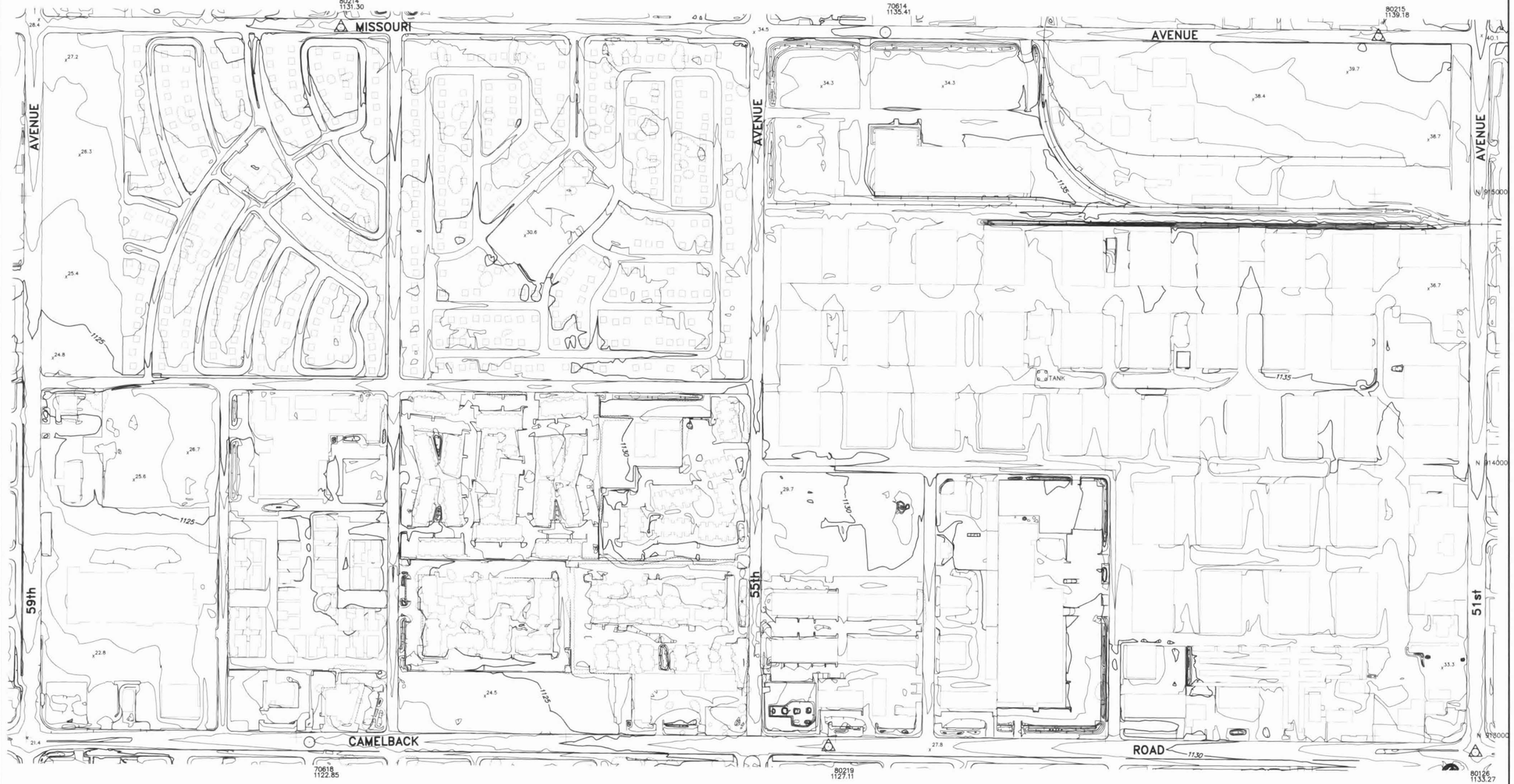
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 118 OF 215

ARIZONA REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
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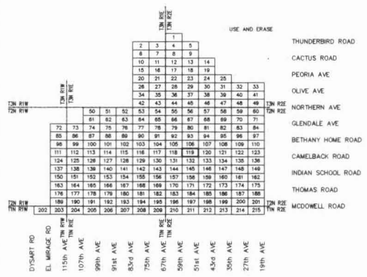
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80126	1132.69	B C H H
80214	1131.30	P K NAIL
80215	1139.18	P K NAIL
80219	1127.11	P K NAIL
70614	1135.41	P K NAIL
70618	1122.85	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

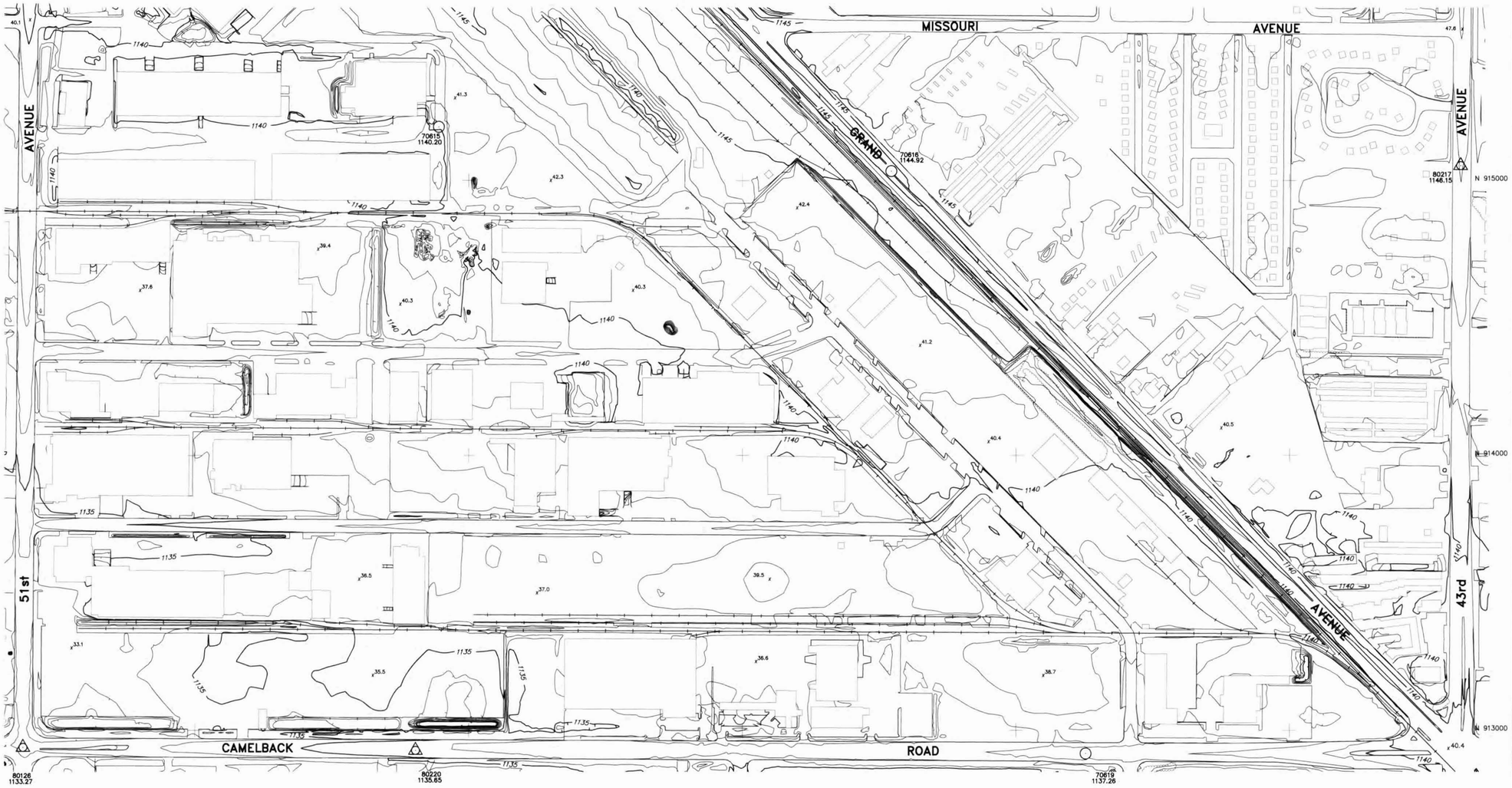
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 119 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
EXPIRES 6-30-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1" = 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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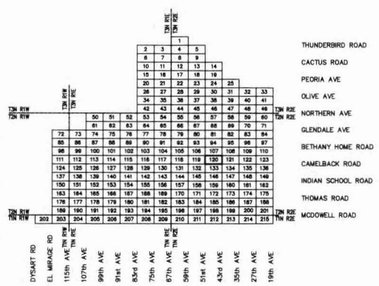
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80126	1132.69	B C H H
80217	1146.15	P K NAIL
80220	1135.65	P K NAIL
70615	1140.20	P K NAIL
70616	1144.92	P K NAIL
70619	1137.26	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

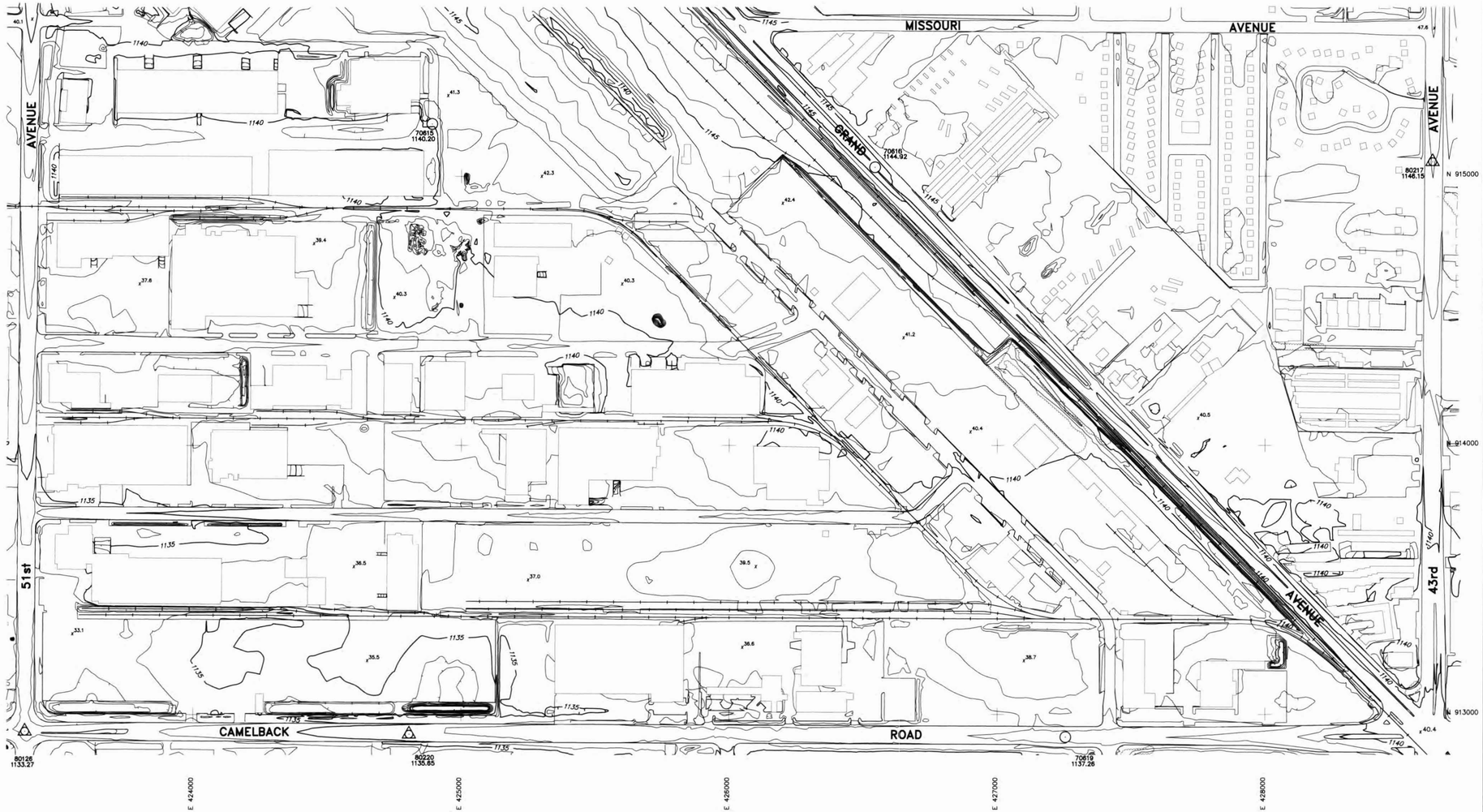
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 120 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

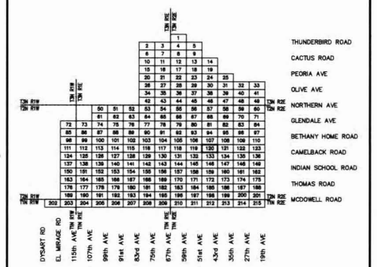
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80126	1132.69	B C H H
80217	1146.15	P K NAIL
80220	1135.65	P K NAIL
70615	1140.20	P K NAIL
70616	1144.92	P K NAIL
70619	1137.26	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 120 OF 215

4123 ROBERT M WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

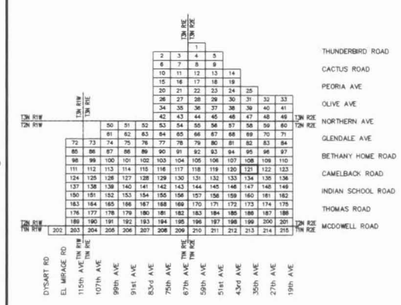
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80127	1137.08	B C H H
80217	1146.15	P K NAIL
80221	1141.30	B C H H
70620	1139.45	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

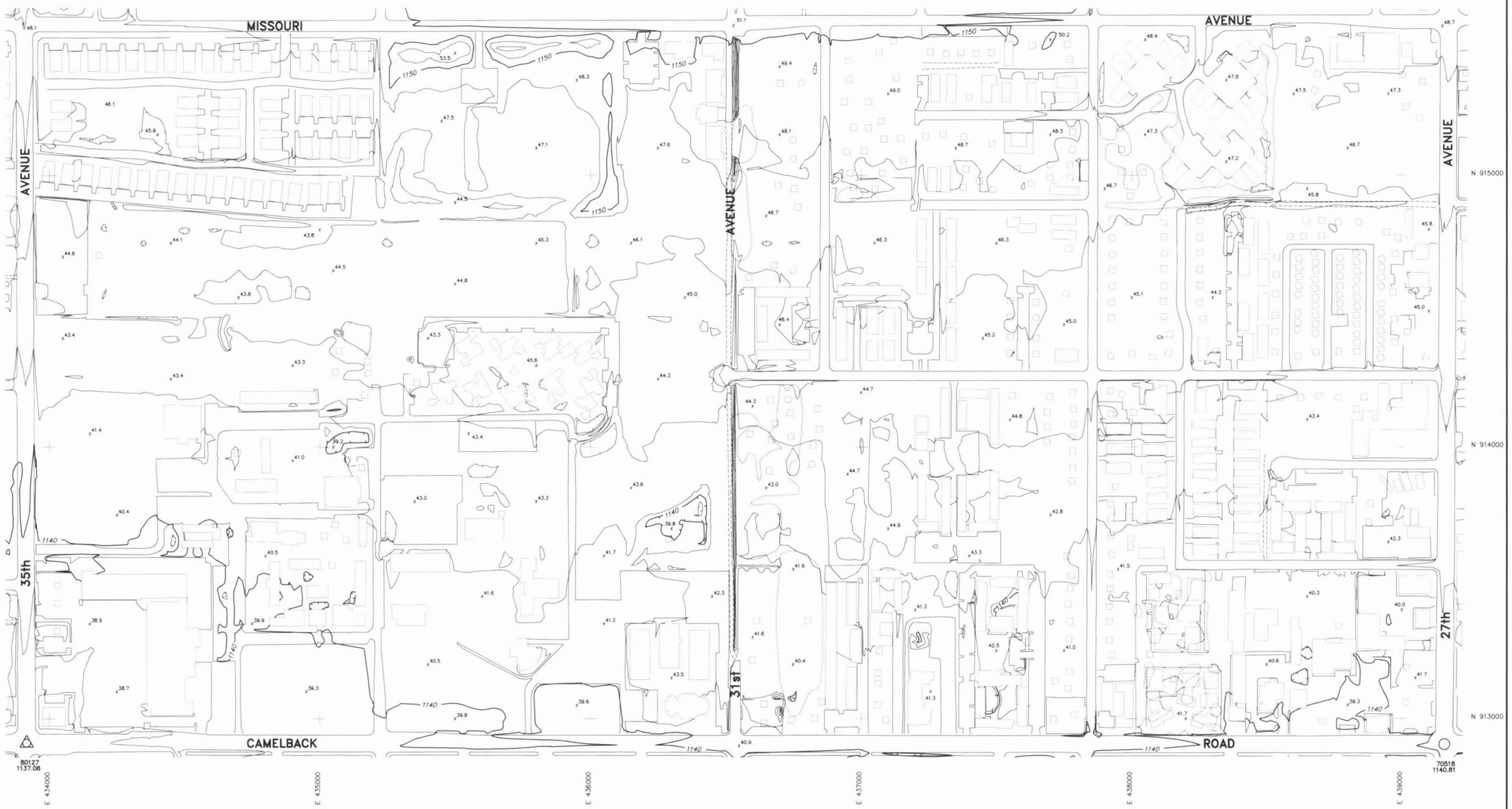
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 121 OF 215

REGISTERED LAND SURVEYOR
123
ROBERT M. WILLIAMS
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

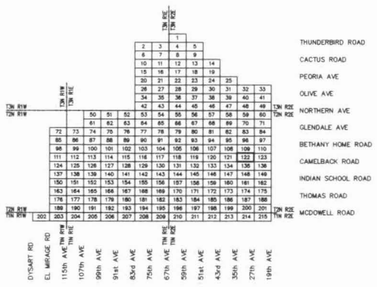
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80127	1136.54	BRASS CAP
70518	1140.81	B C H H

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	--	--
DESIGN CHK.	--	--
PLANS	--	--
PLANS CHK.	--	--

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 122 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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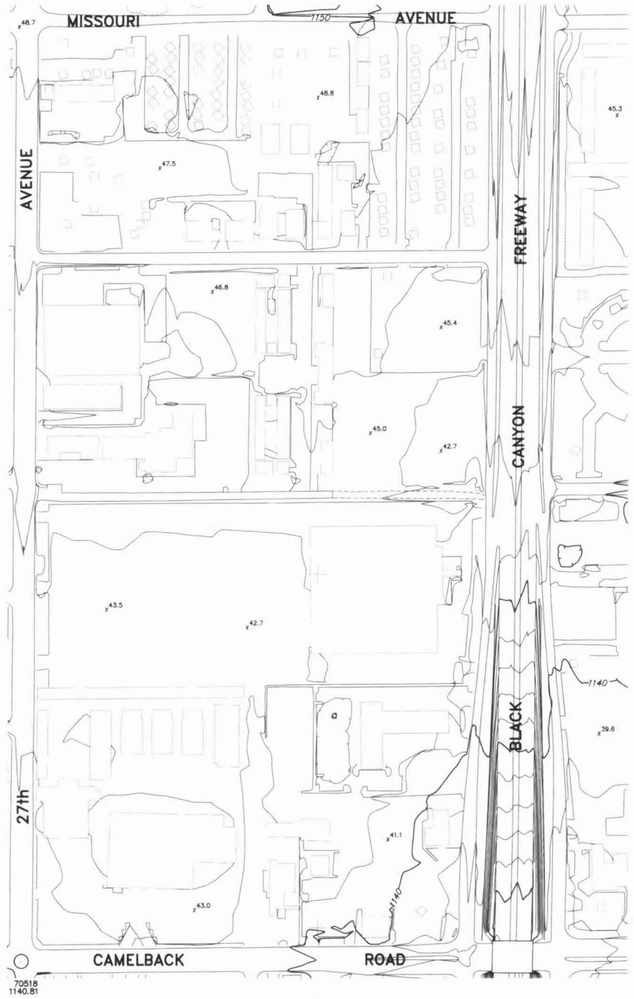


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

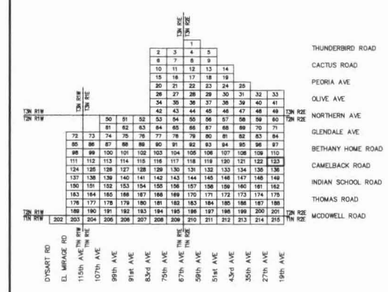
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70518	1140.81	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

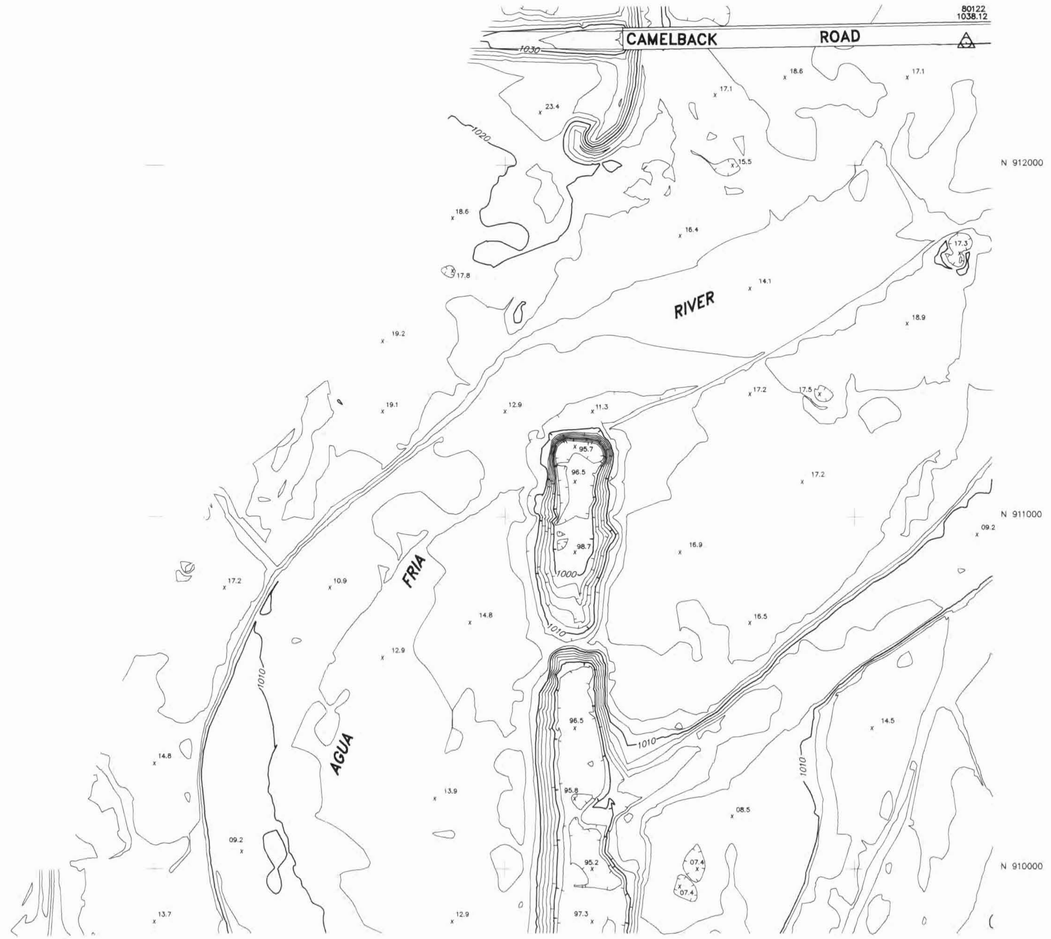
APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 123 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE 4123 ROBERT A. WILLIAMS ARIZONA U.S.A. 8-31-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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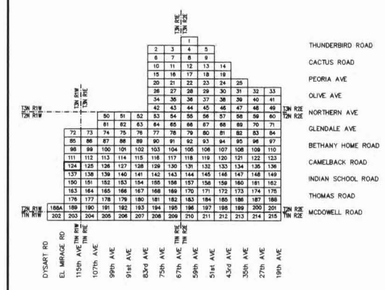
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80122	1038.12	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 124 OF 215

4123 ROBERT J. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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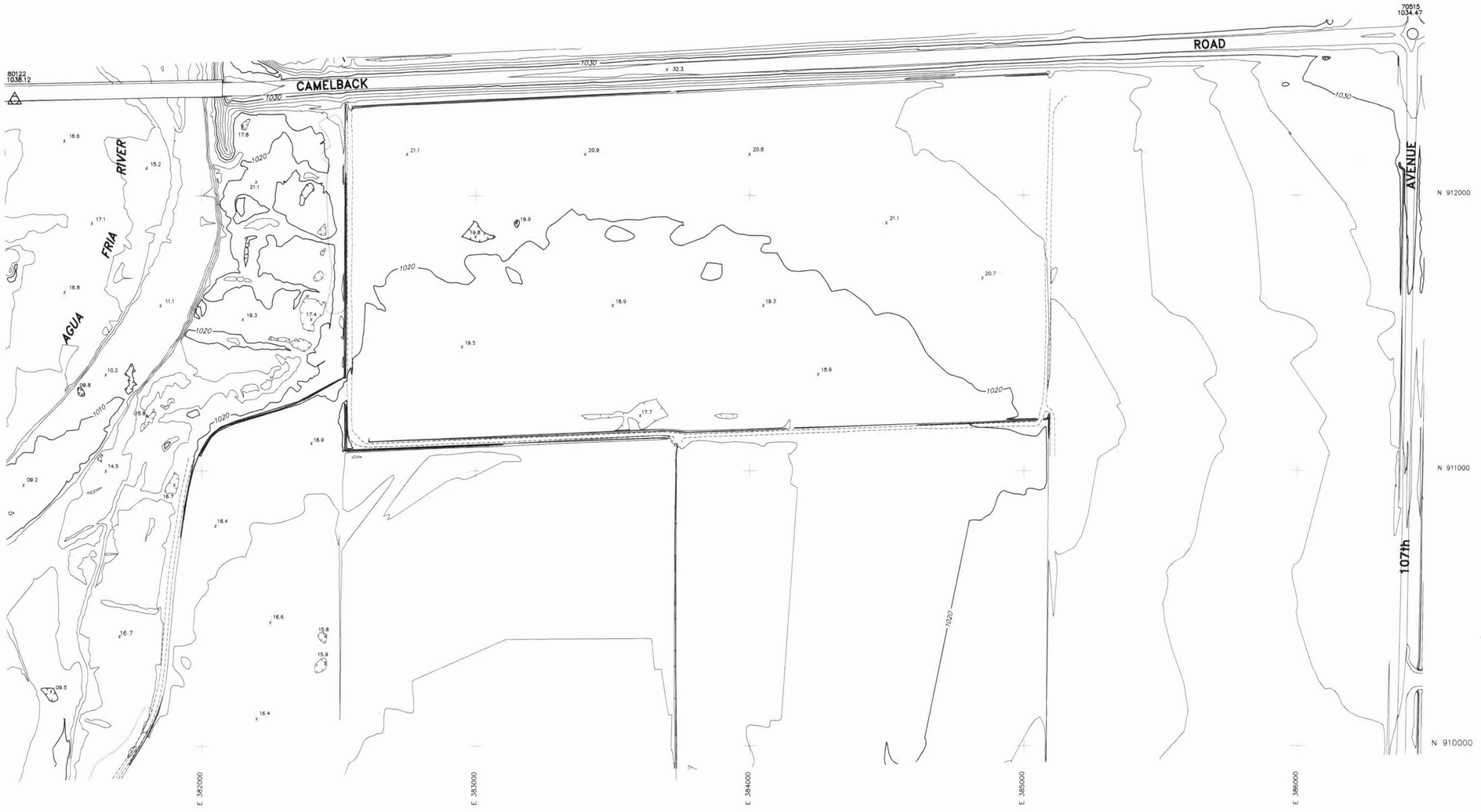
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

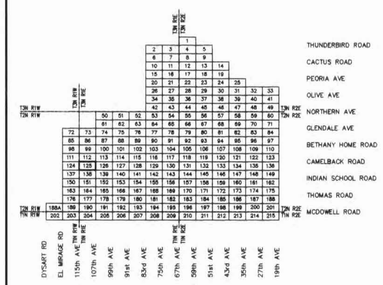
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80122	1038.12	BRASS CAP
70515	1034.47	B.C.H.H.

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

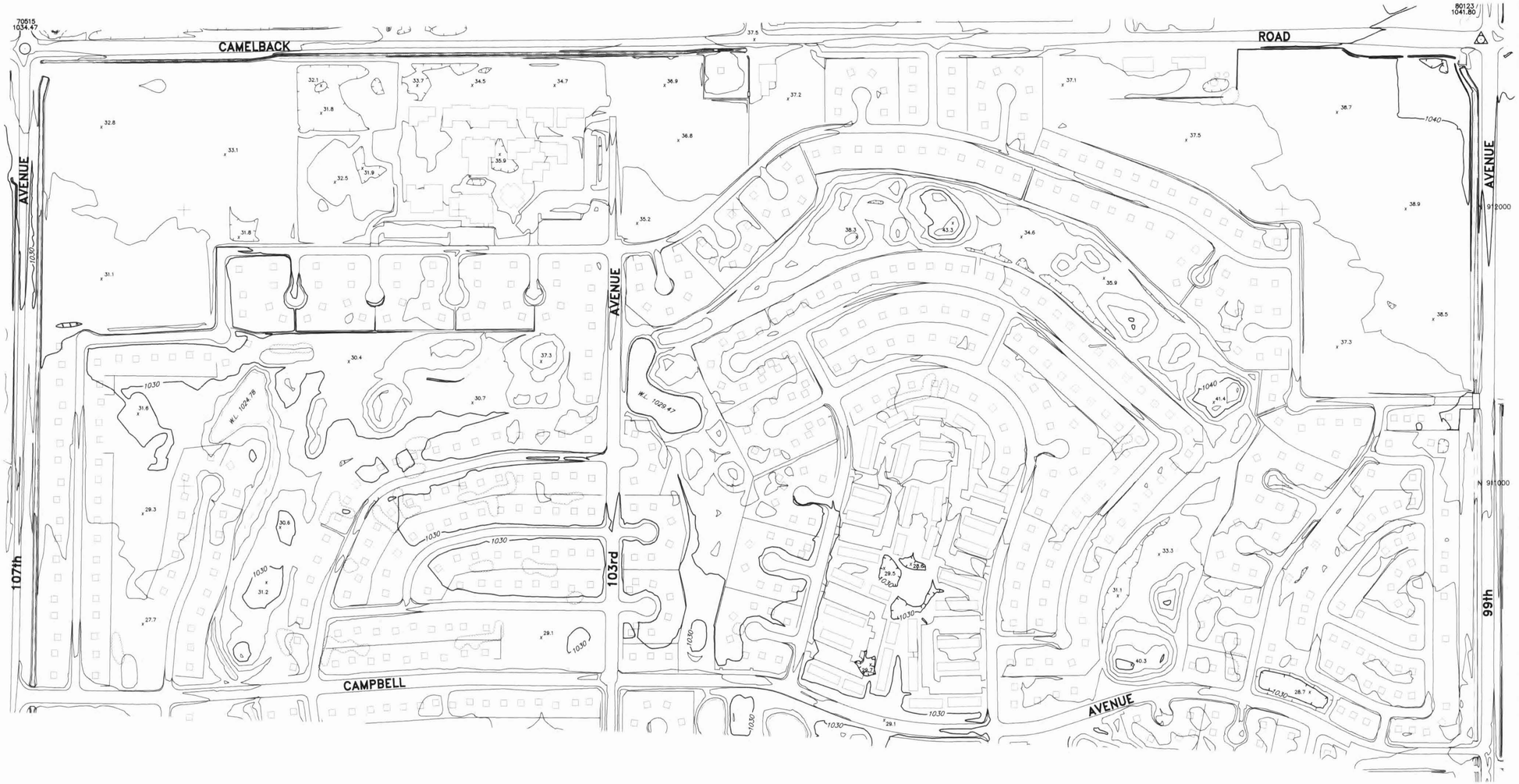
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 125 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS PHOENIX, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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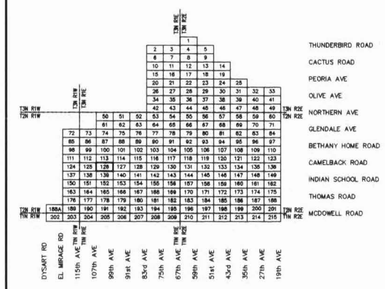
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80123	1041.80	B C H H
70515	1034.47	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 126 OF 215

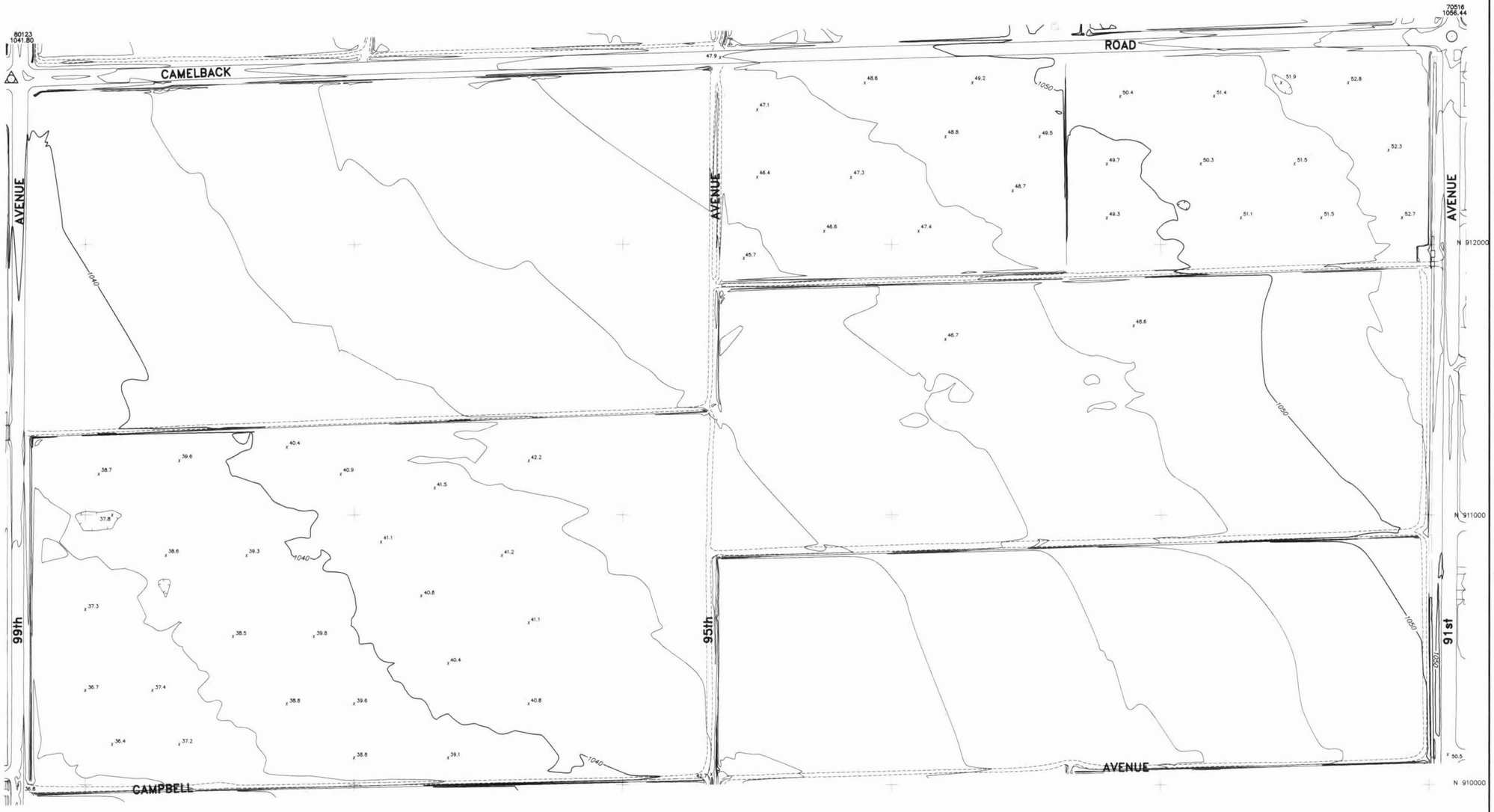
4123 ROBERT M. WILLIAMS REGISTERED LAND SURVEYOR

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
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- TREE LINE
- 21.4 SPOT ELEVATION
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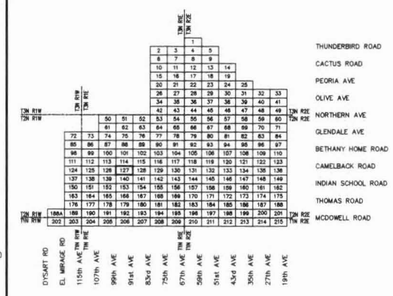
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80123	1041.80	B C H H
70516	1056.44	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

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FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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DESIGN CHK.	--	--
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PLANS CHK.	--	--

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 127 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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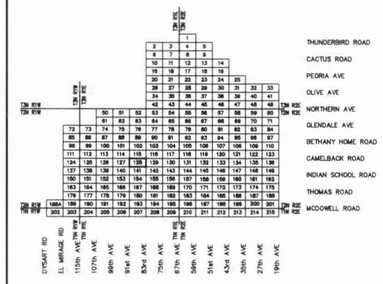
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80124	1074.98	B C H H
70516	1056.44	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 128 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
9-23-94
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
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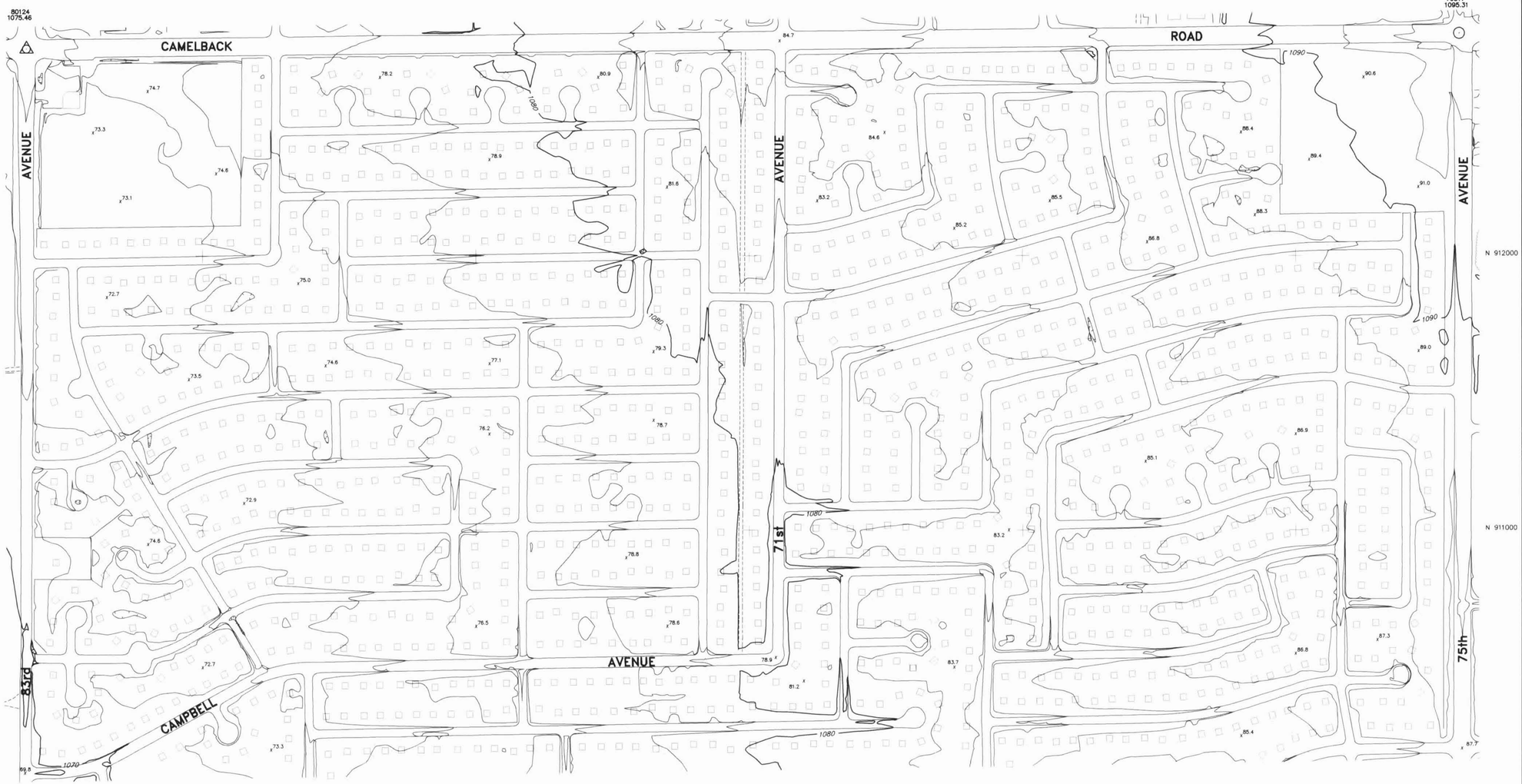

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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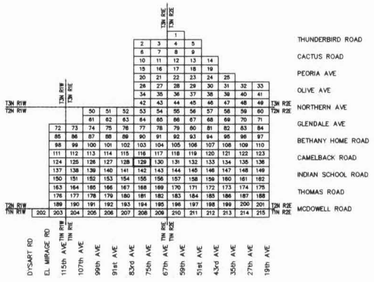
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80124	1074.98	BRASS CAP
70517	1095.31	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

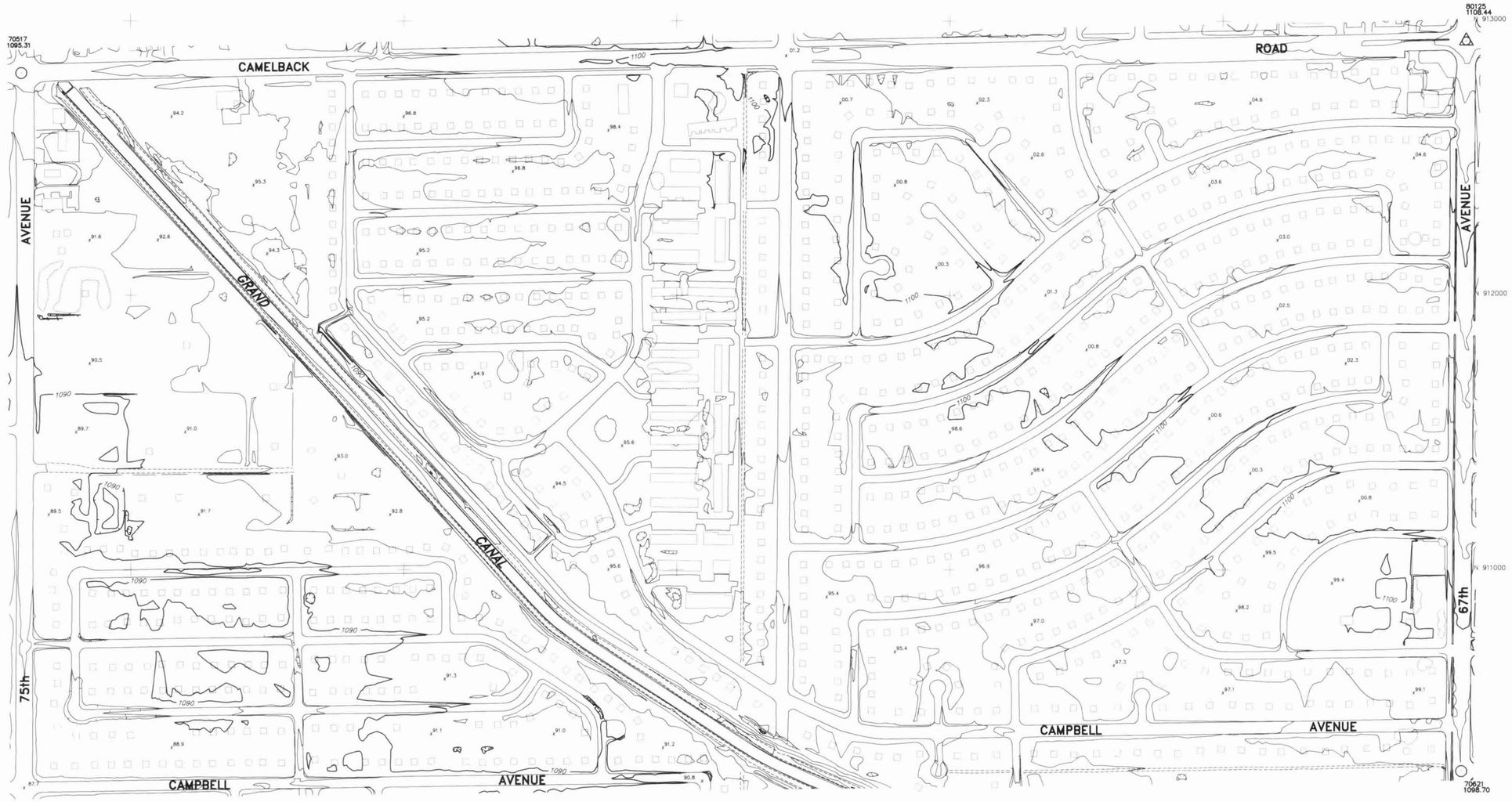
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 129 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
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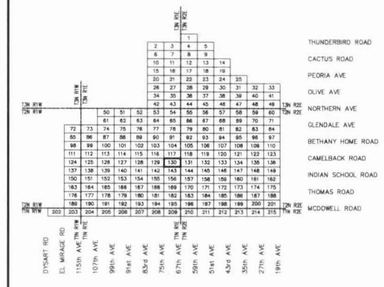
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80125	1107.58	BRASS CAP
70517	1095.31	B C H H
70621	1098.70	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 130 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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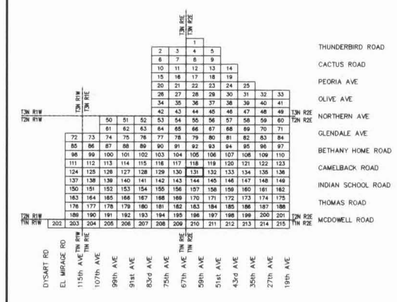
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80125	1107.58	B C H H
80218	1118.32	BRASS CAP
80223	1108.91	BRASS CAP
70617	1112.23	BRASS CAP
70621	1098.70	B C H H
70622	1104.60	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 131 OF 215

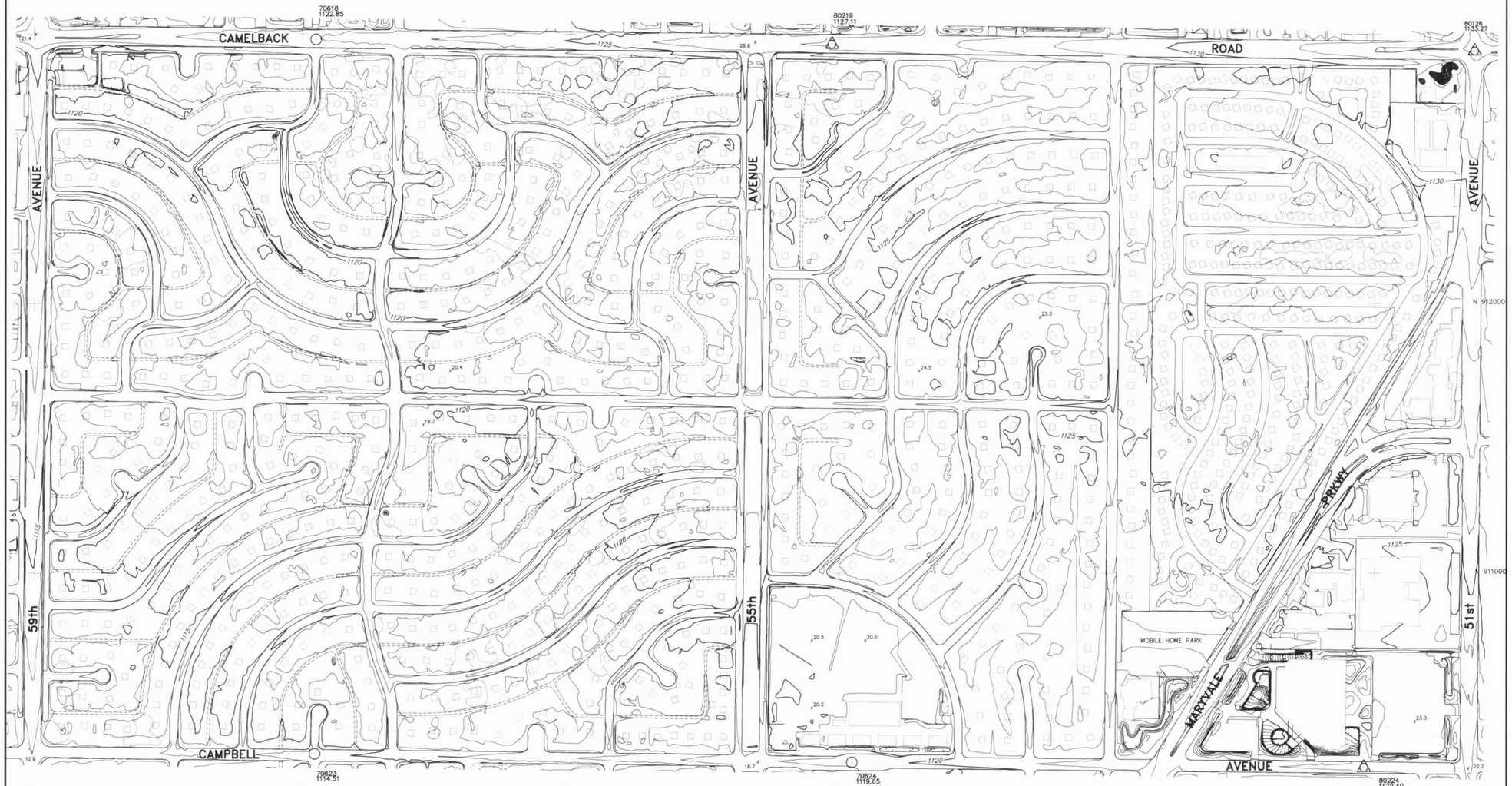
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
ARIZONA U.S.A.
12-31-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
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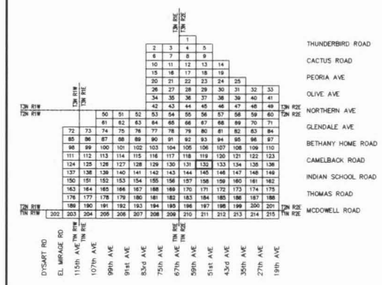
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80126	1132.69	B C H H
80219	1127.11	P K NAIL
80224	1122.40	P K NAIL
70618	1122.85	BRASS CAP
70623	1114.51	BRASS CAP
70624	1119.65	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 132 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
12-31-95
STATE OF ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
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- ROAD/PAVEMENT
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- HIDDEN ROAD/HIDDEN PAVEMENT
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- HIDDEN CURB
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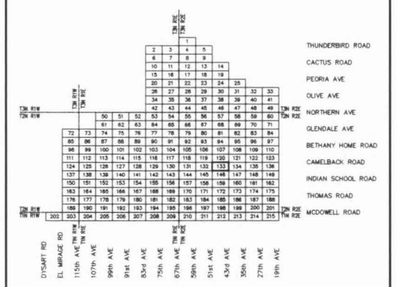
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80126	1132.69	B C H H
80220	1135.65	P K NAIL
70619	1137.26	P K NAIL
70625	1123.36	BRASS CAP
70626	1123.88	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 133 OF 215

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

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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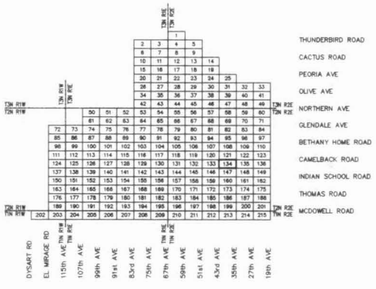
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80127	1137.08	B C H H
80221	1141.30	B C H H
80225	1126.77	P K NAIL
80226	1126.62	BRASS CAP
70620	1139.45	P K NAIL
70627	1128.84	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 134 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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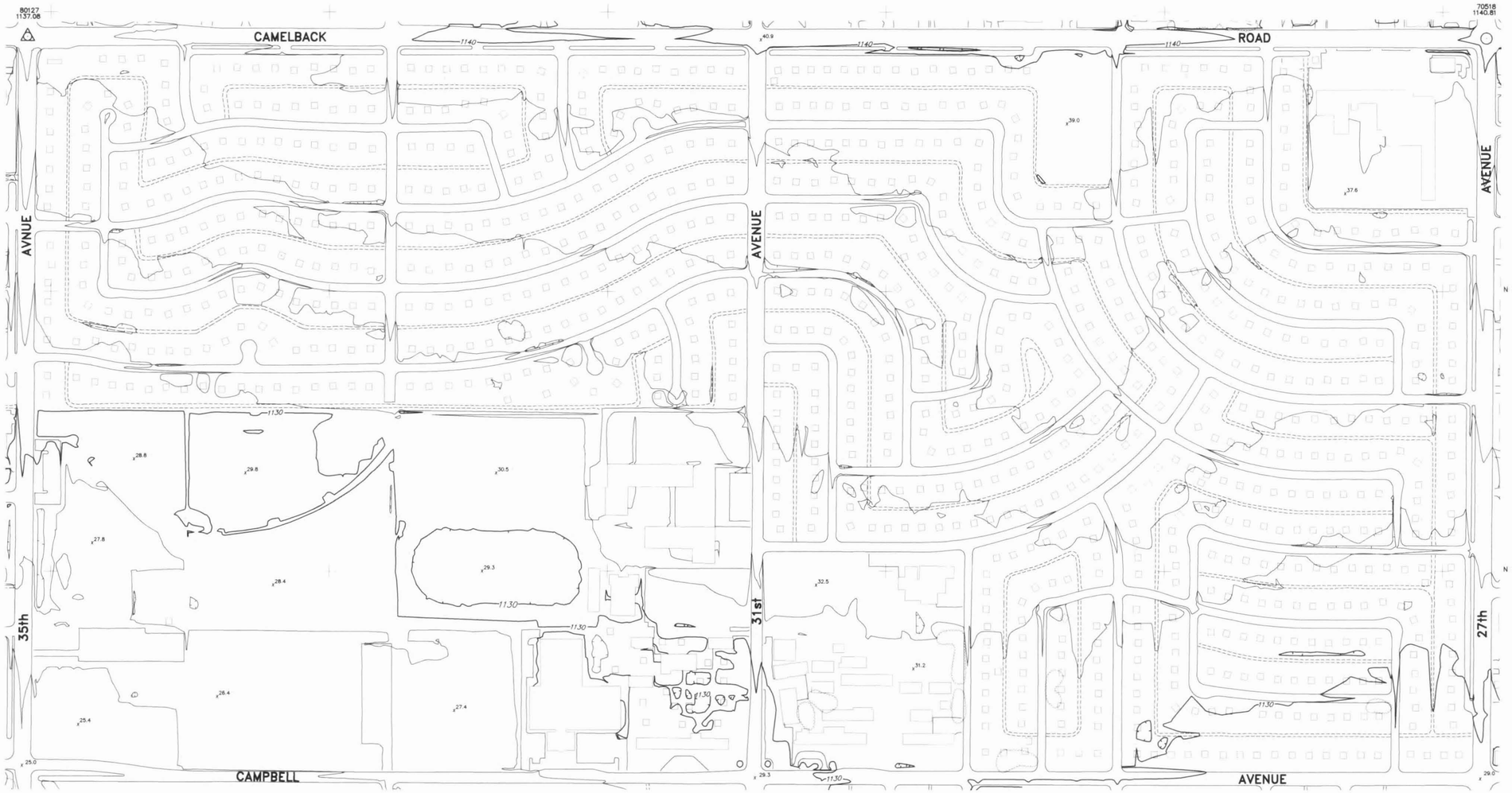

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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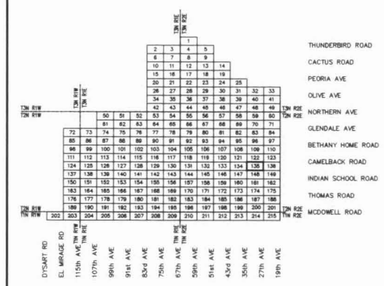
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80127	1136.54	BRASS CAP
70518	1140.81	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

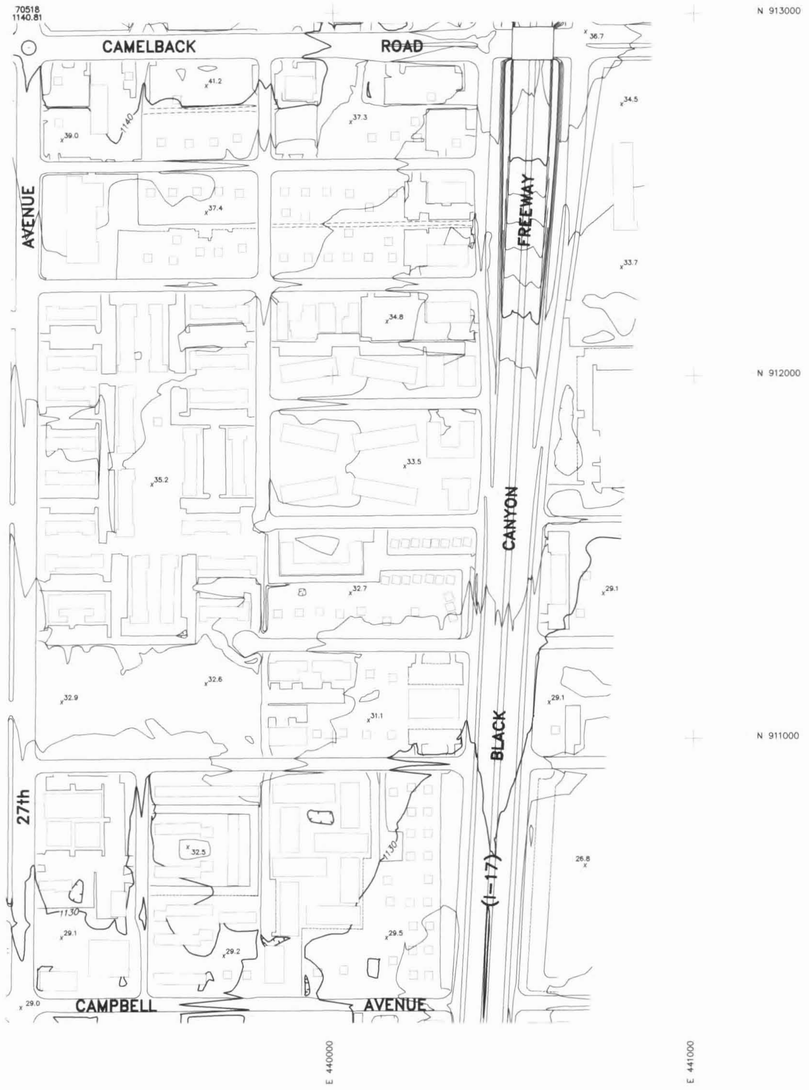
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 135 OF 215

ARIZONA REGISTERED PROFESSIONAL ENGINEER CERTIFICATE 4123 ROBERT M. WILLIAMS 8-2-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
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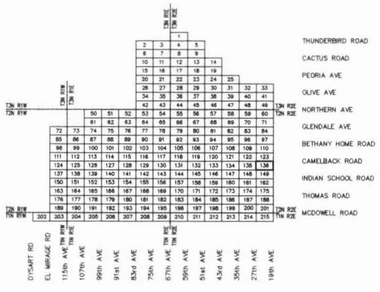
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70518	1140.81	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 136 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
2-25-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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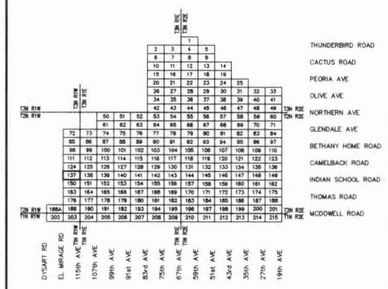
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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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 137 OF 215

REGISTERED LAND SURVEYOR 4123 ROBERT M. WILLIAMS 10-31-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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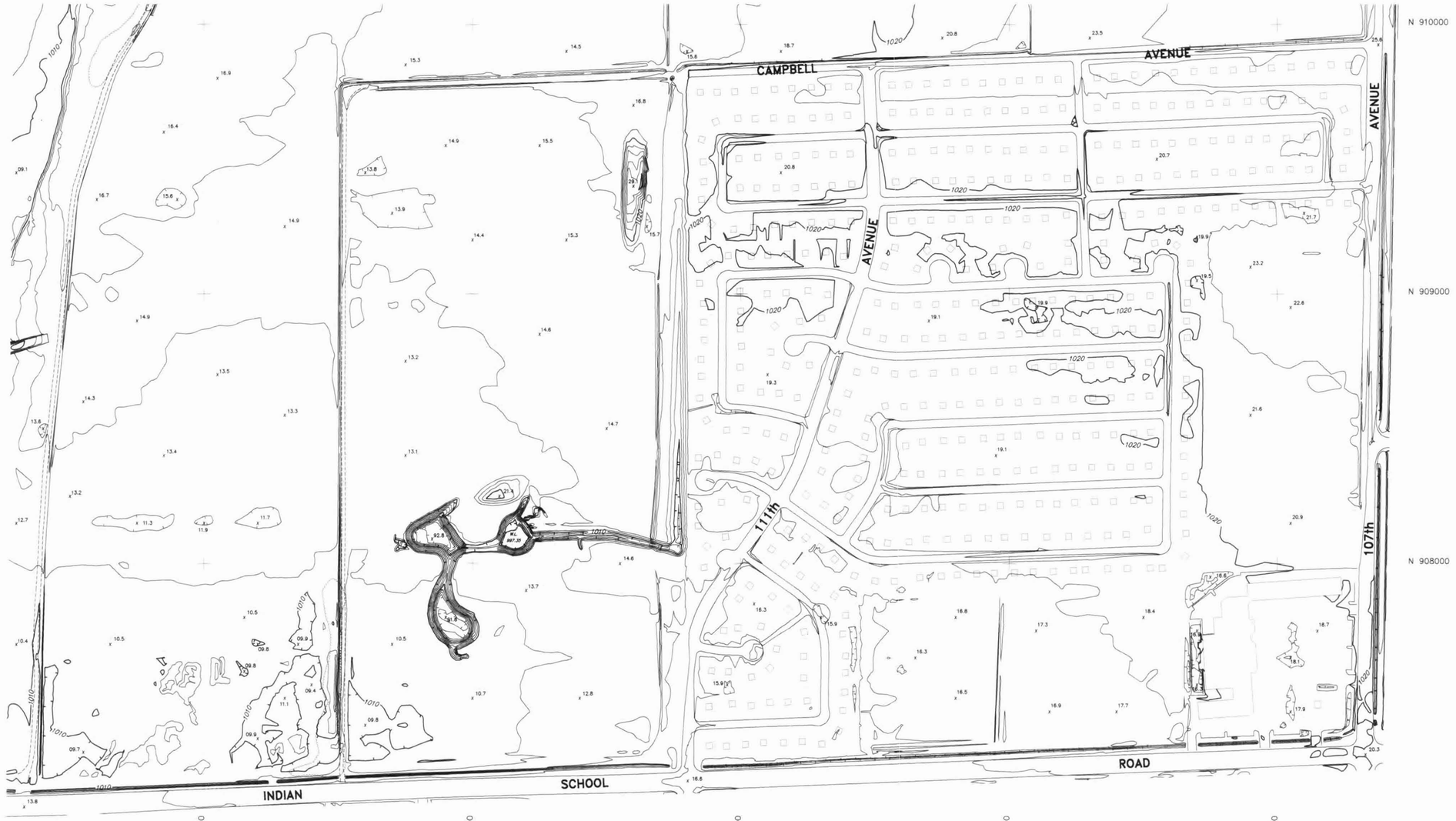

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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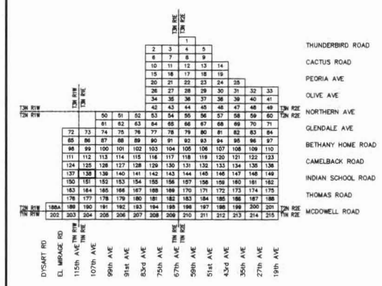
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
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PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

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CHIEF ENGINEER AND GENERAL MANAGER

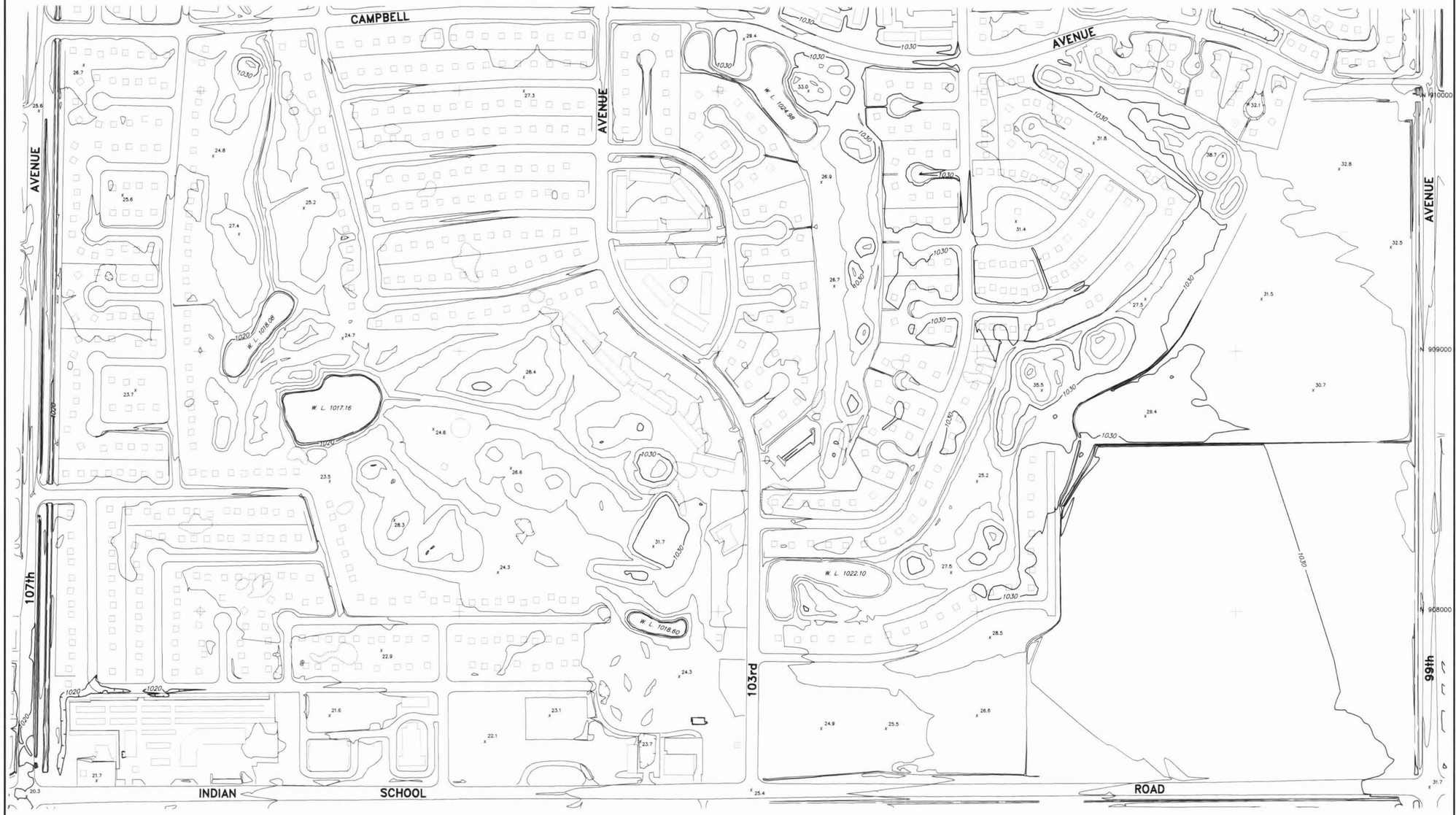
SHEET 138 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



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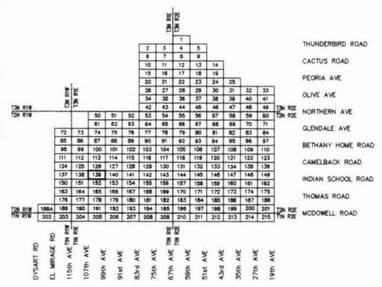
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 139 OF 215

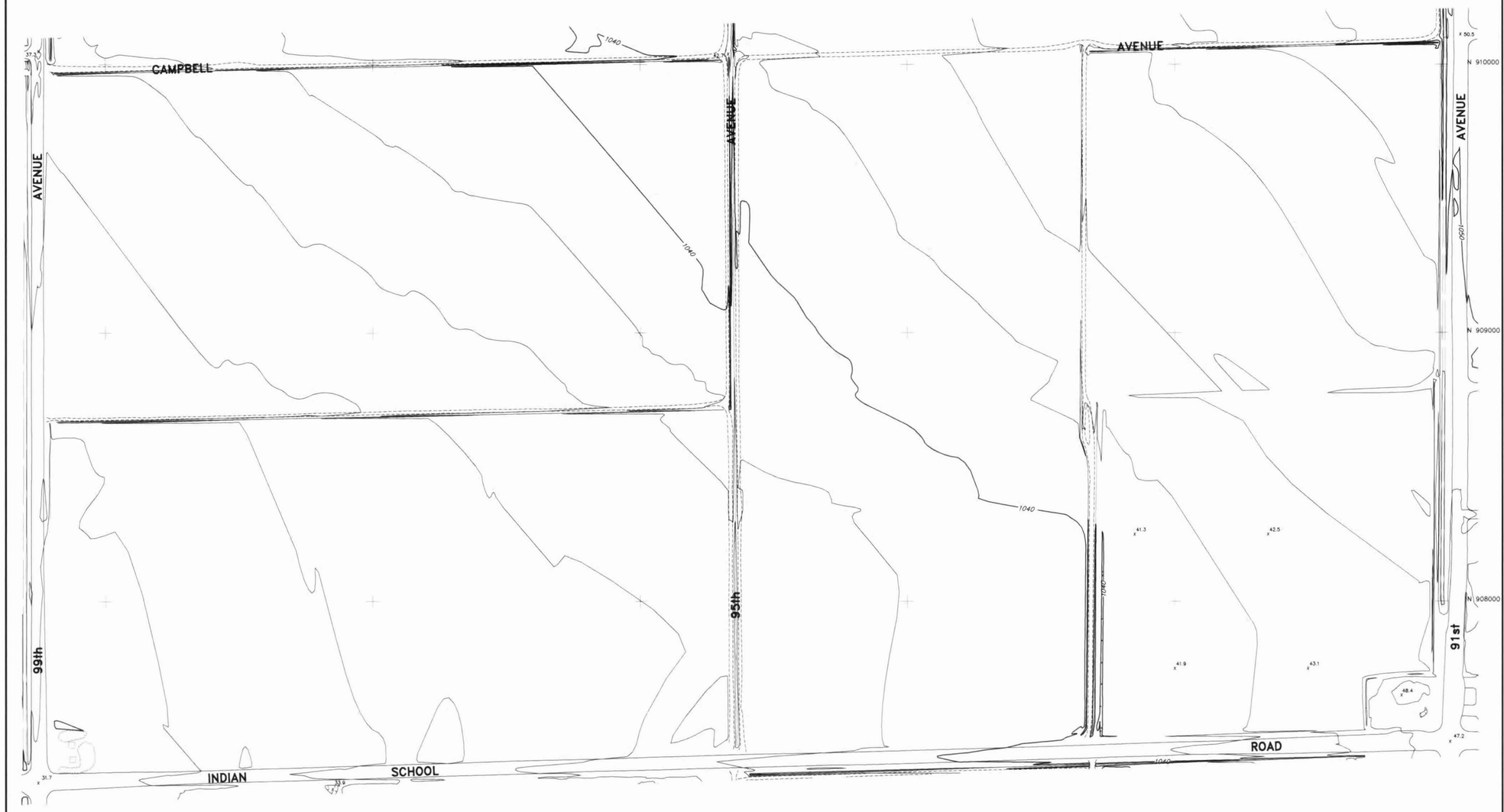
ROBERT M. WILLIAMS 10-31-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

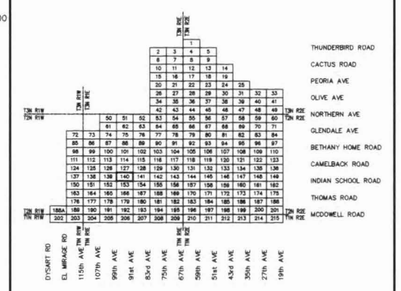
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



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CONTOUR INTERVAL = 2 FEET

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 140 OF 215

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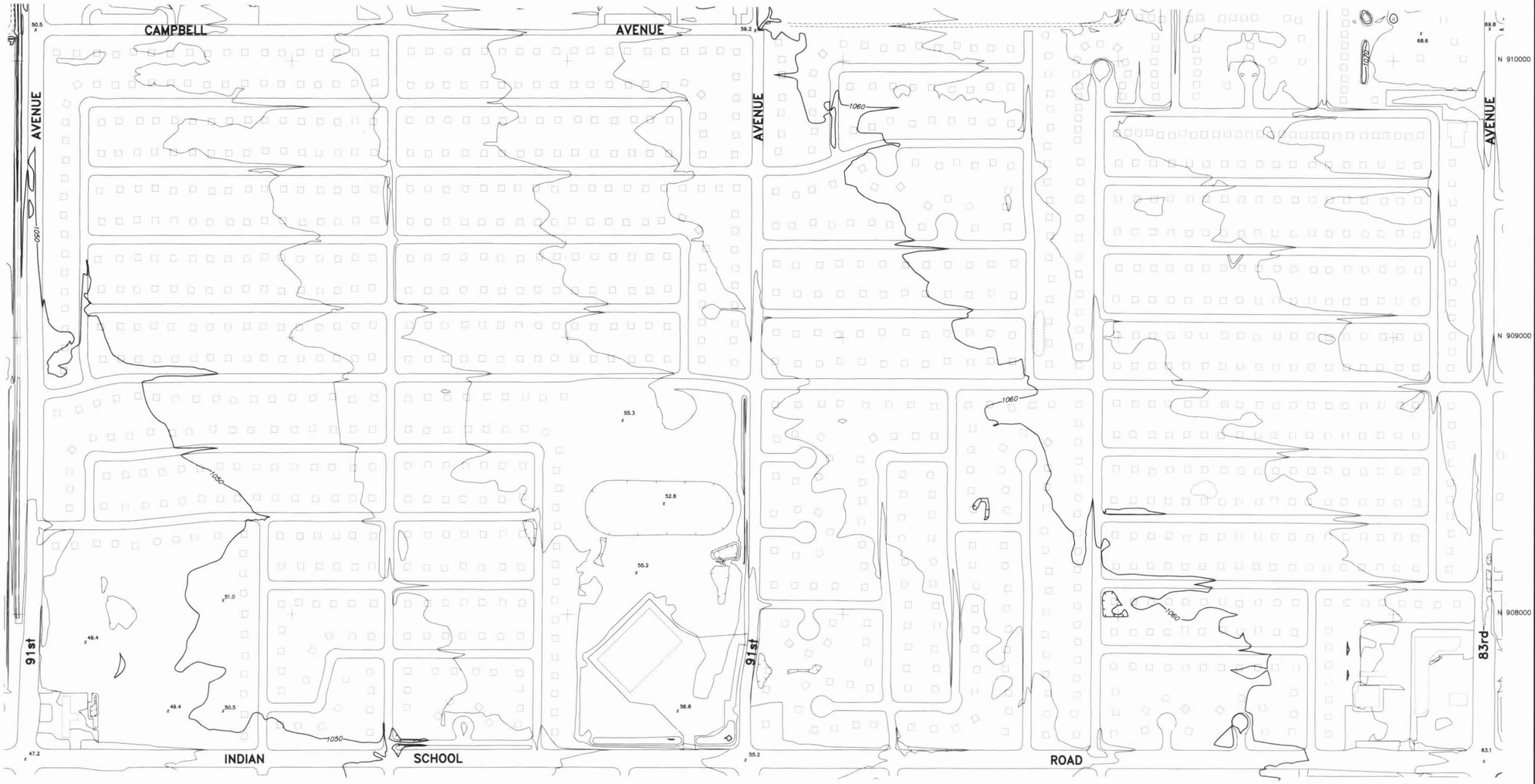
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
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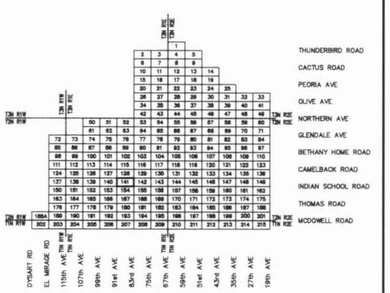
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 141 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 9/22/93 MARICOPA COUNTY, ARIZONA

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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- ROAD/PAVEMENT
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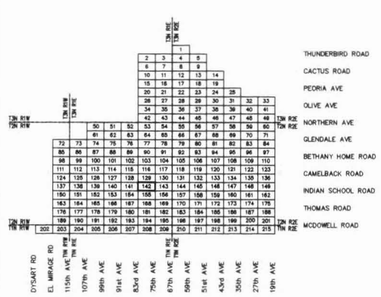
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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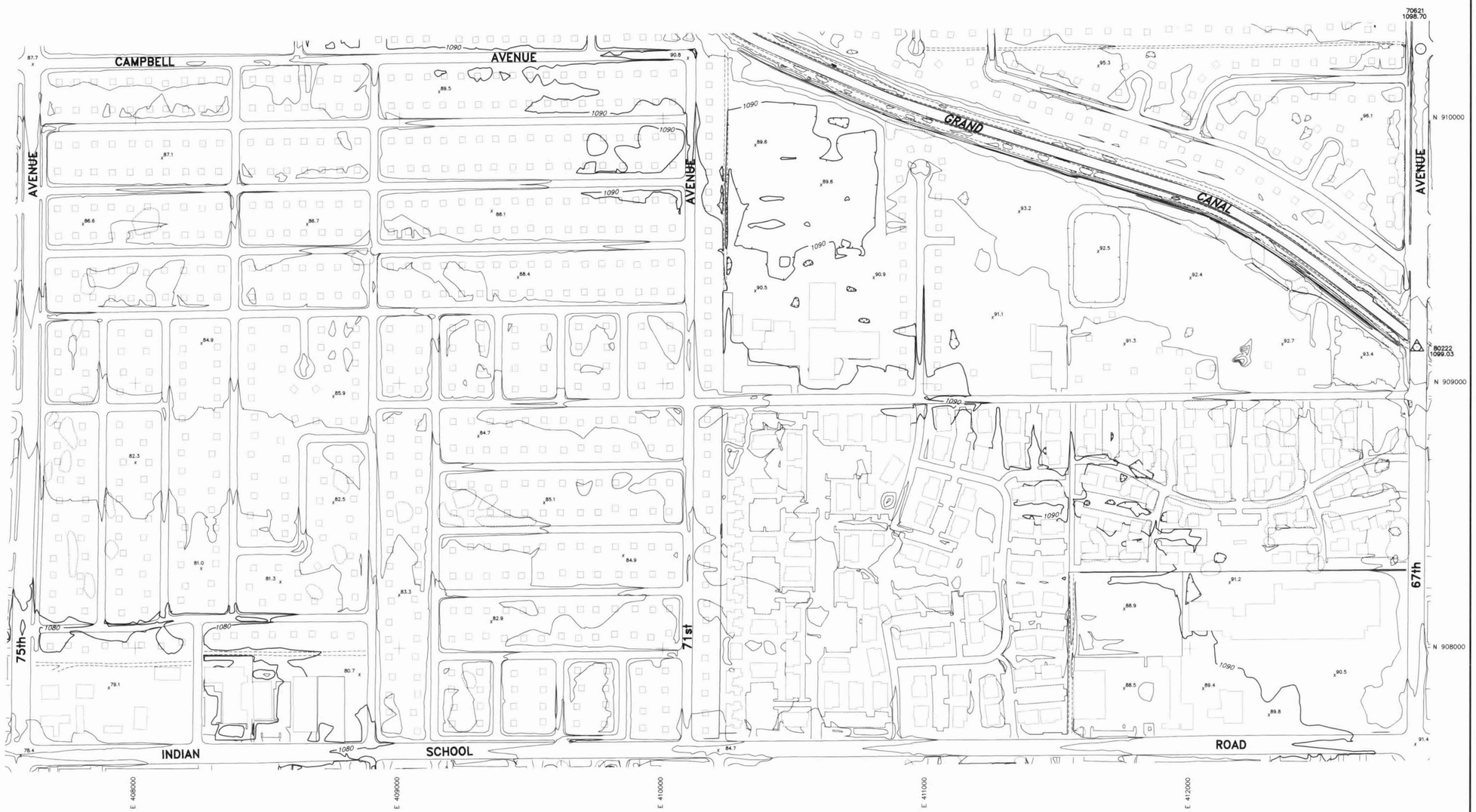
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 142 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
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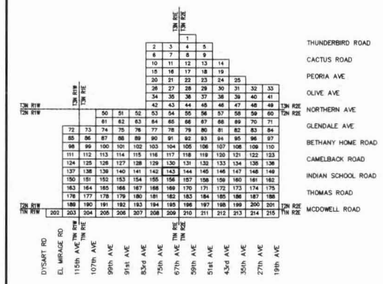
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80222	1099.03	P K NAIL
70621	1098.70	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 143 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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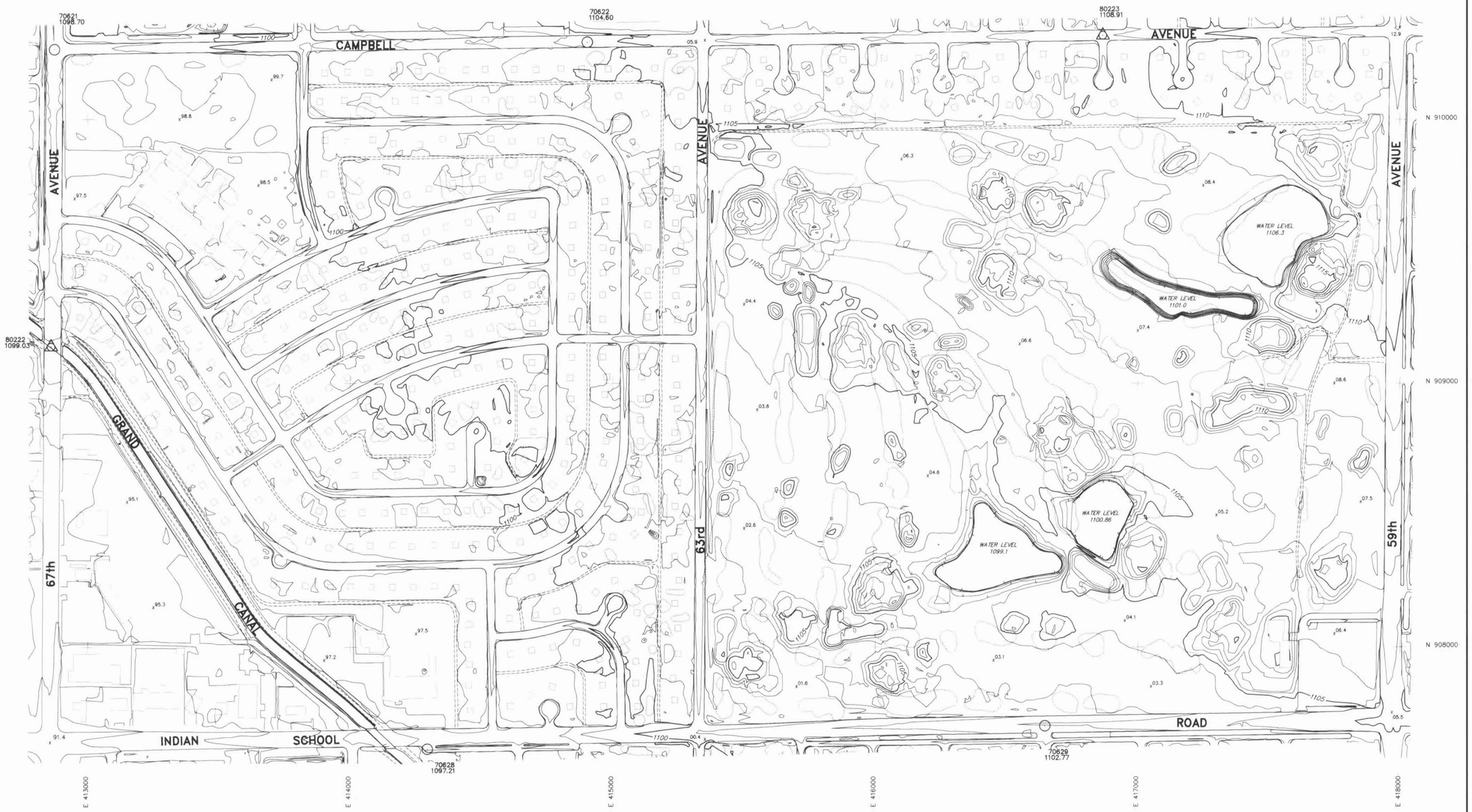

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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- SINGLE RESIDENTIAL BUILDING
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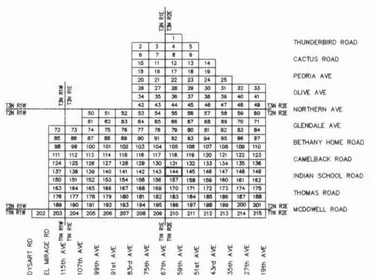
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80223	1108.91	BRASS CAP
80222	1099.03	P K NAIL
70621	1098.70	B C H H
70628	1097.21	P K NAIL
70629	1102.77	P K NAIL
70622	1104.60	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 144 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE
4123
ROBERT M.
WILLIAMS
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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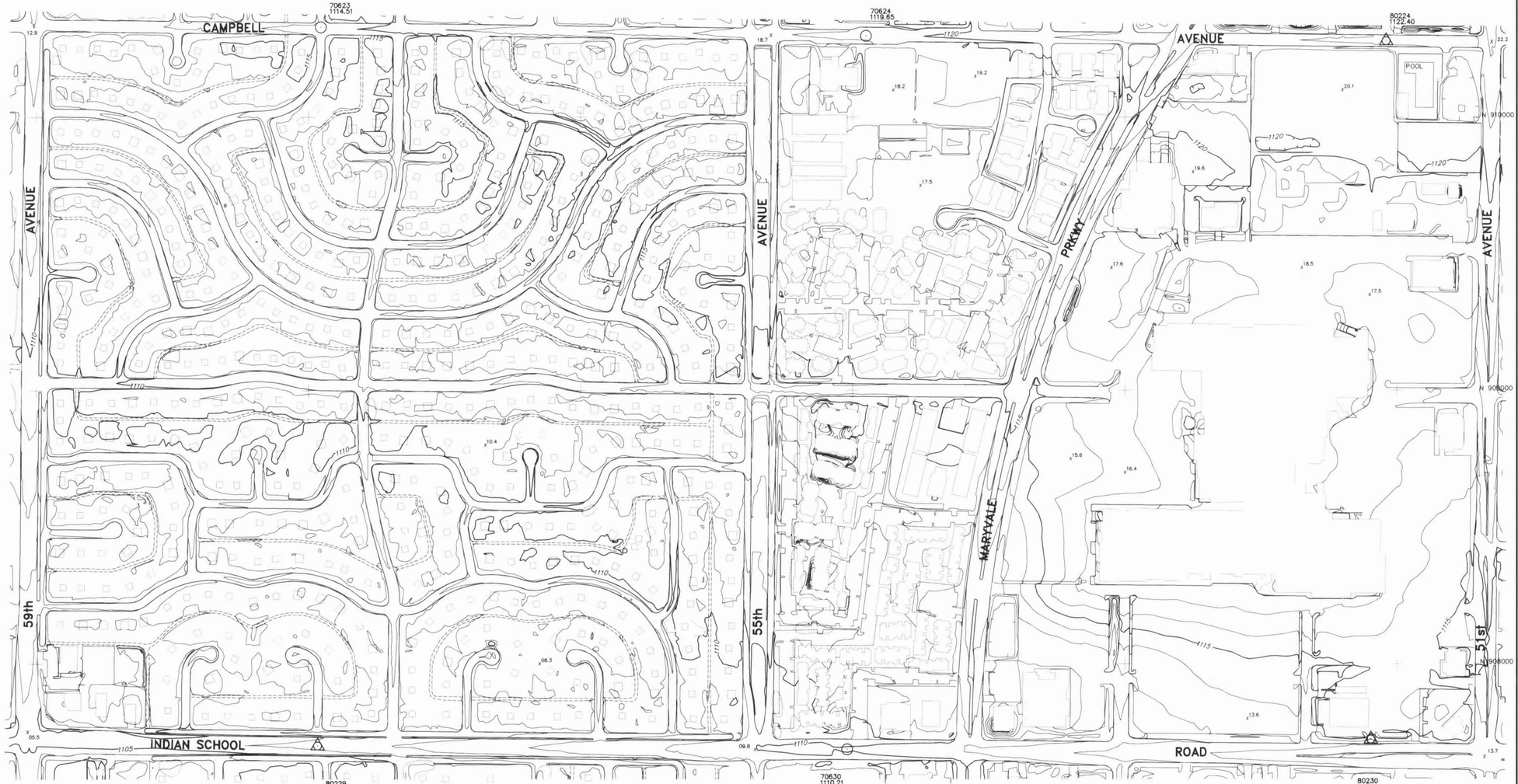

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
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- HIDDEN ROAD/HIDDEN PAVEMENT
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- HIDDEN CURB
- RAILROAD
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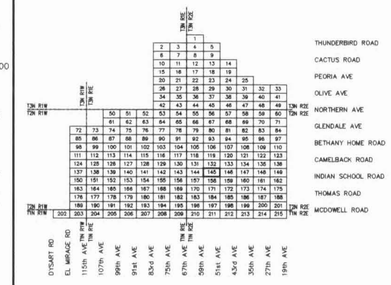
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80224	1122.40	P K NAIL
80229	1106.43	BRASS CAP
80230	1113.91	P K NAIL
70623	1114.51	BRASS CAP
70624	1119.65	P K NAIL
70630	1110.21	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 145 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
3-28-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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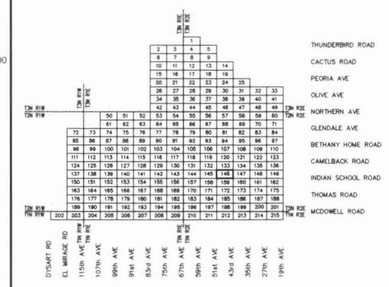
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80231	1113.68	P K NAIL
70625	1123.36	BRASS CAP
70631	1114.82	P K NAIL
70626	1123.88	P K NAIL

INDEX MAP



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SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 146 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 4-22-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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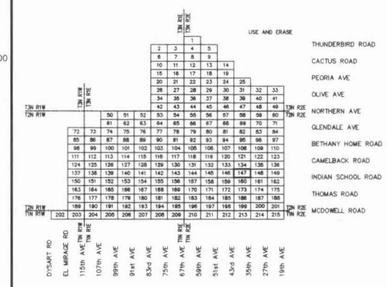
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80225	1126.77	P K NAIL
80232	1114.94	B C H H
70632	1114.76	P K NAIL
70633	1118.39	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 147 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE 4127 ROBERT M. WILLIAMS Date 4-28-95 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1'&2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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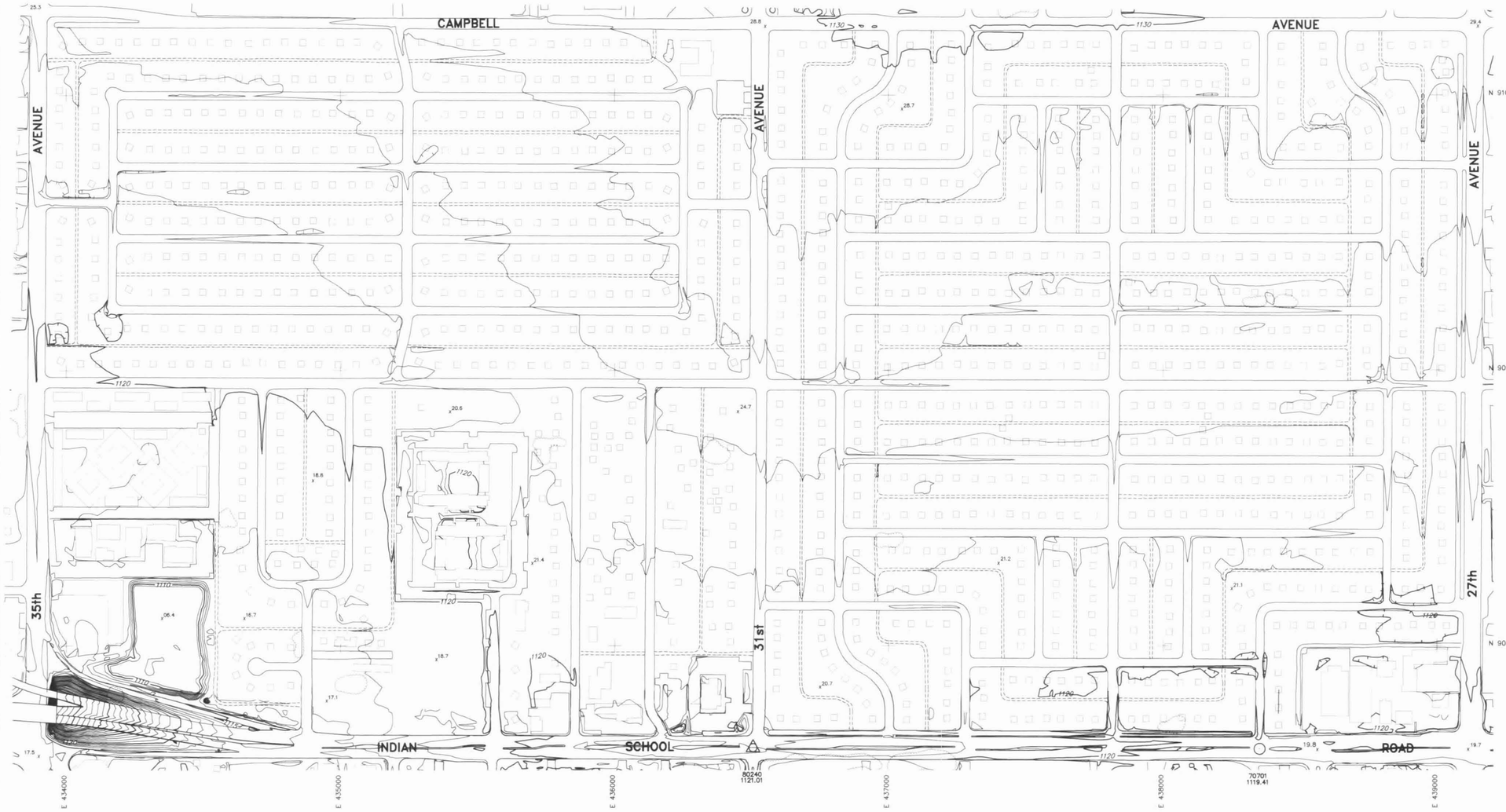

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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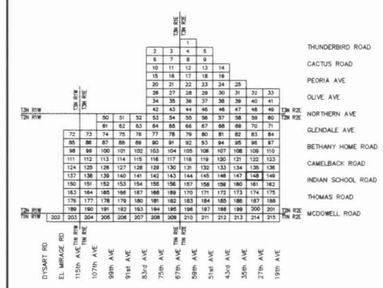
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80240	1121.01	B C H H
70701	1119.41	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 148 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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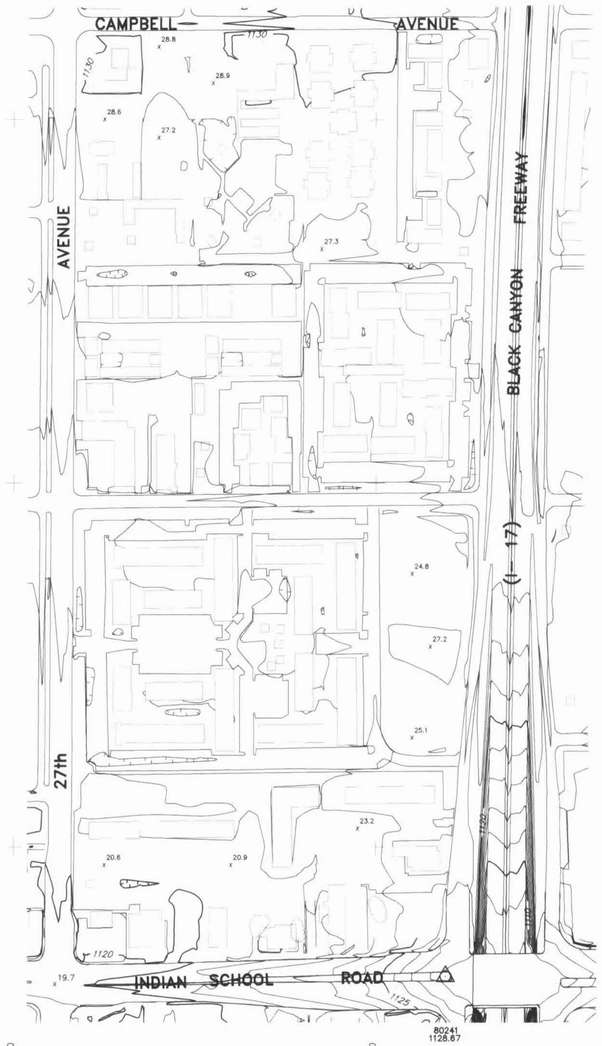

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

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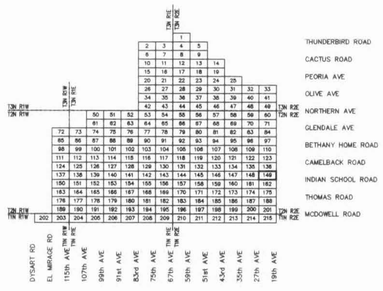
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80241	1128.67	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE:

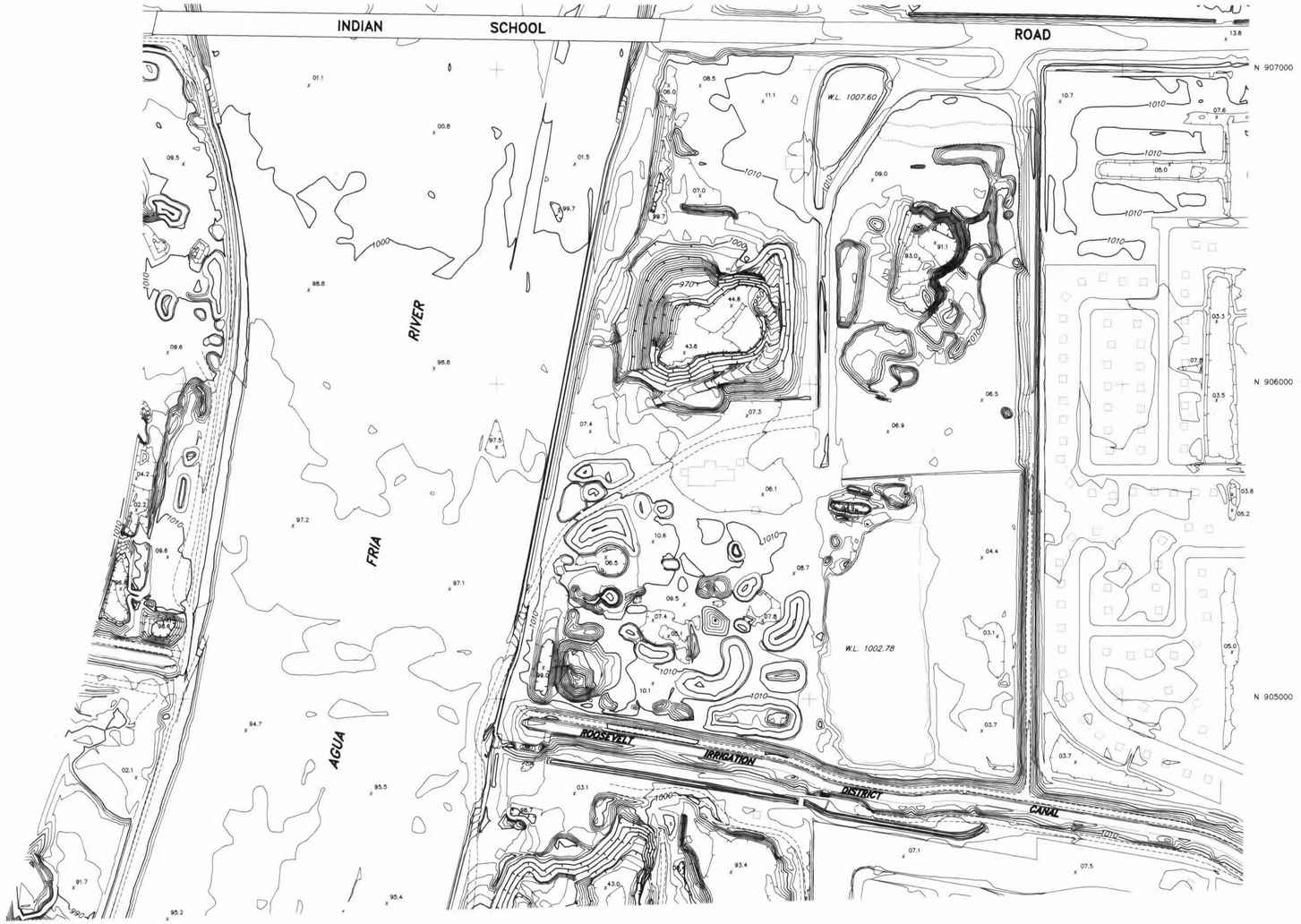
APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 149 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE 4127 ROBERT M WILLIAMS ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
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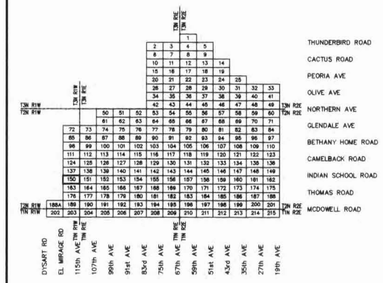
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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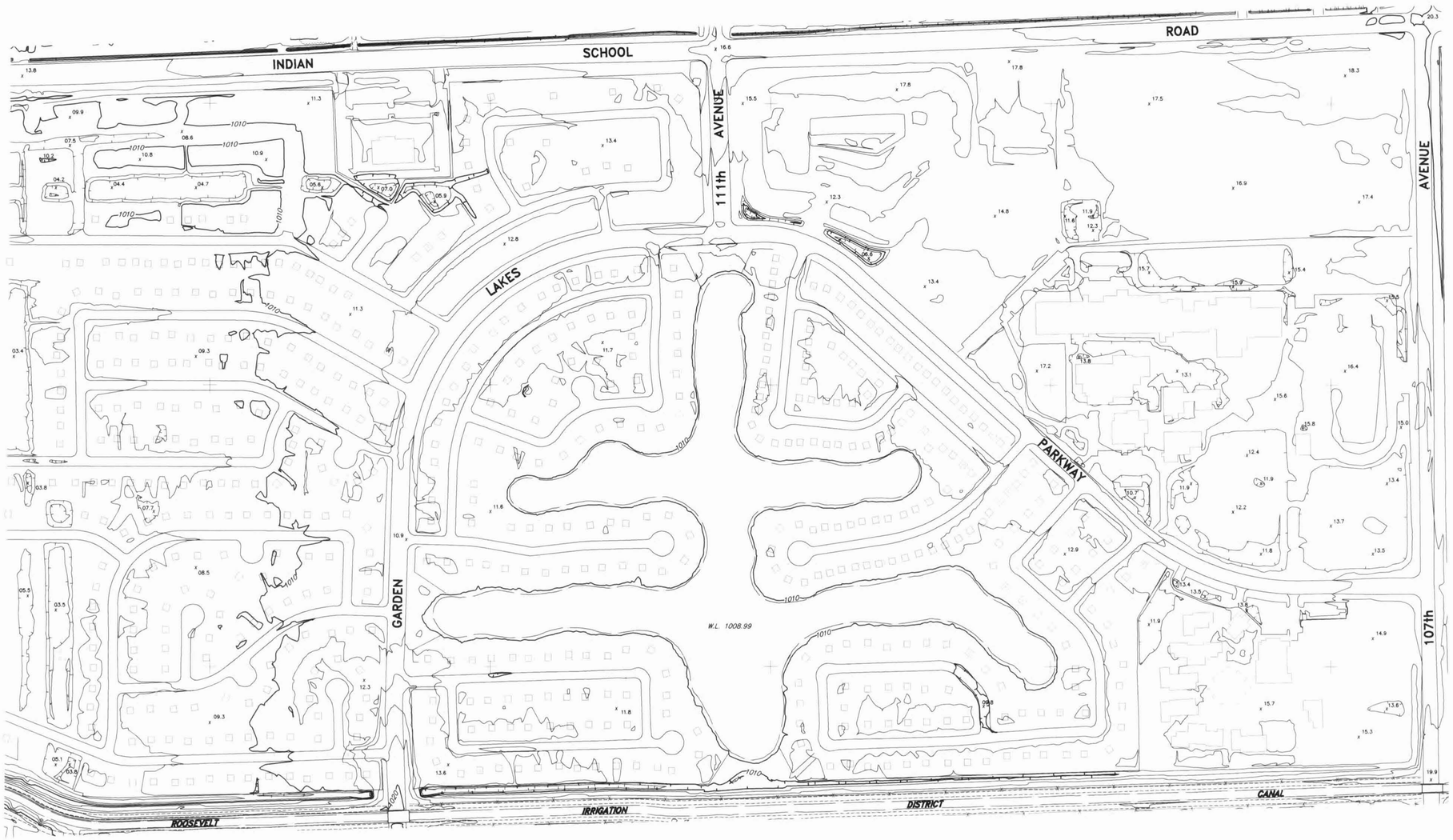
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 150 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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- CURB
- HIDDEN CURB
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I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION

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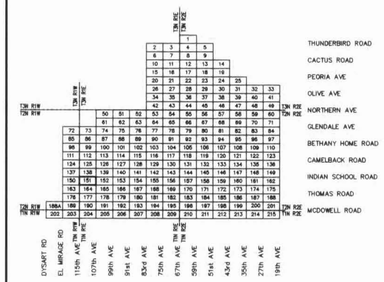

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 151 OF 215

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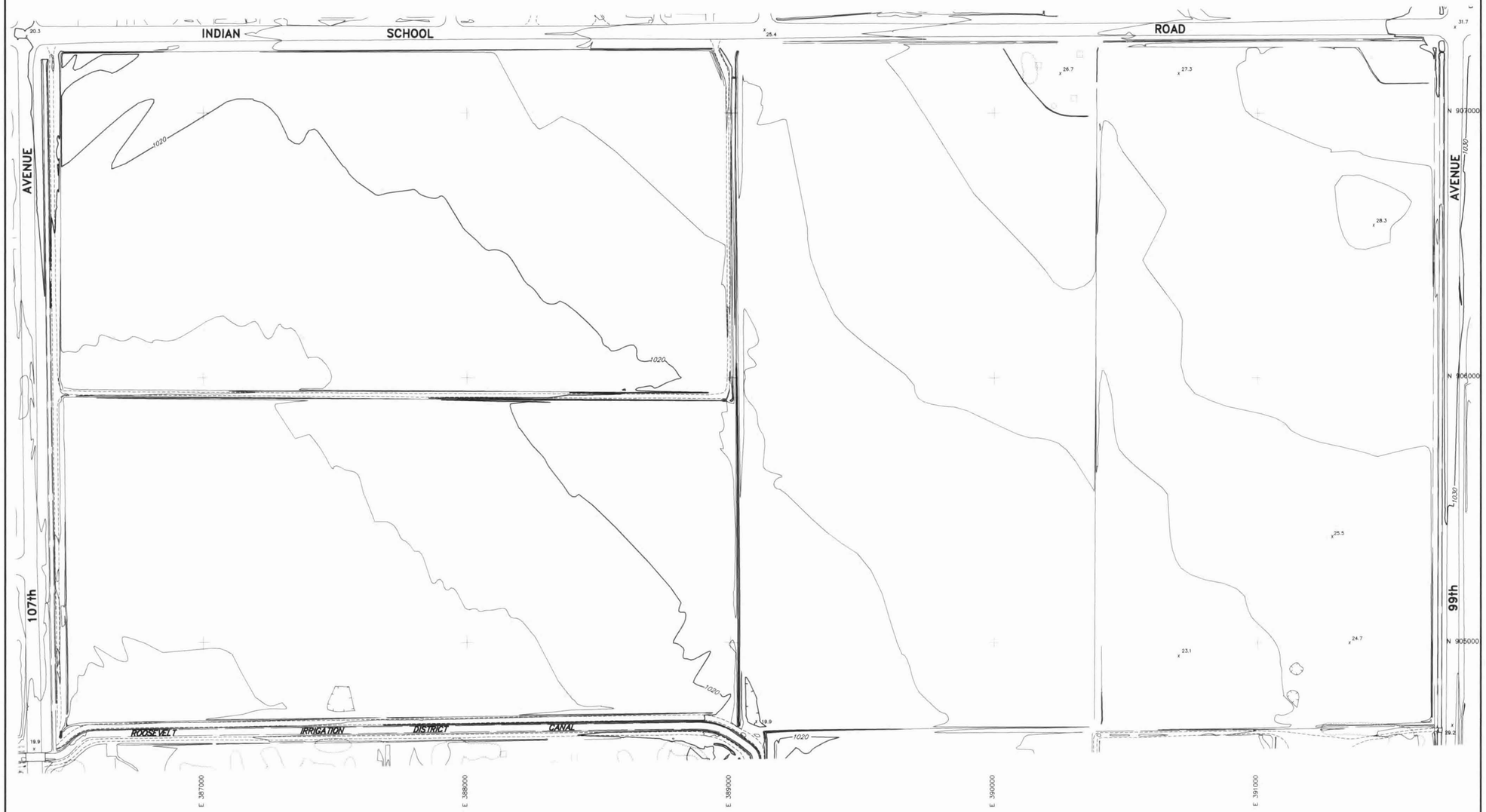
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

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

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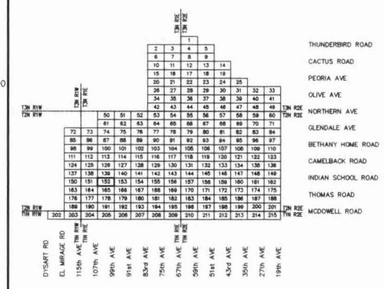

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

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APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 152 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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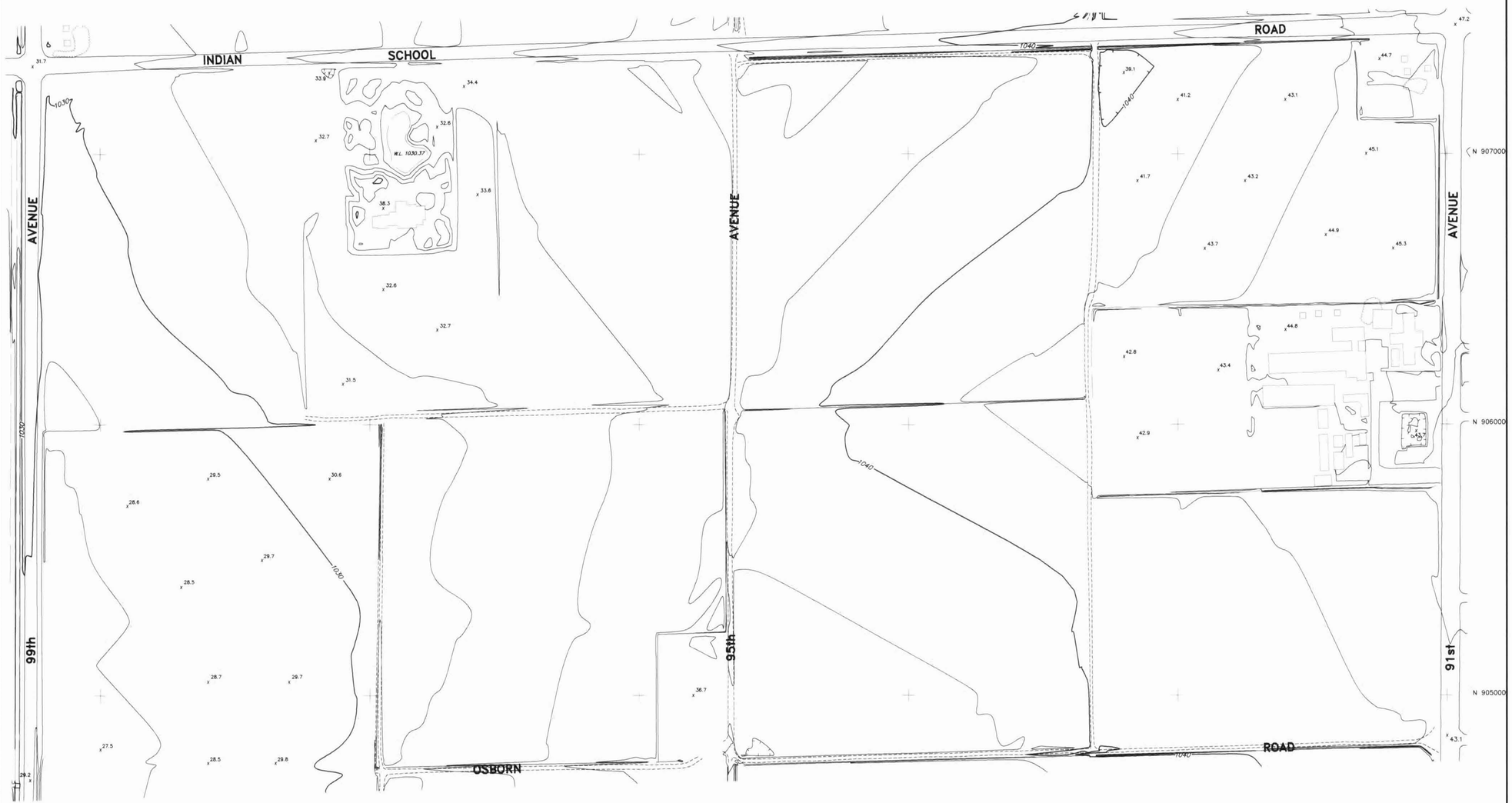

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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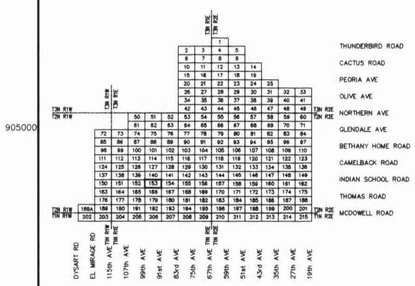
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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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 153 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
10-31-95
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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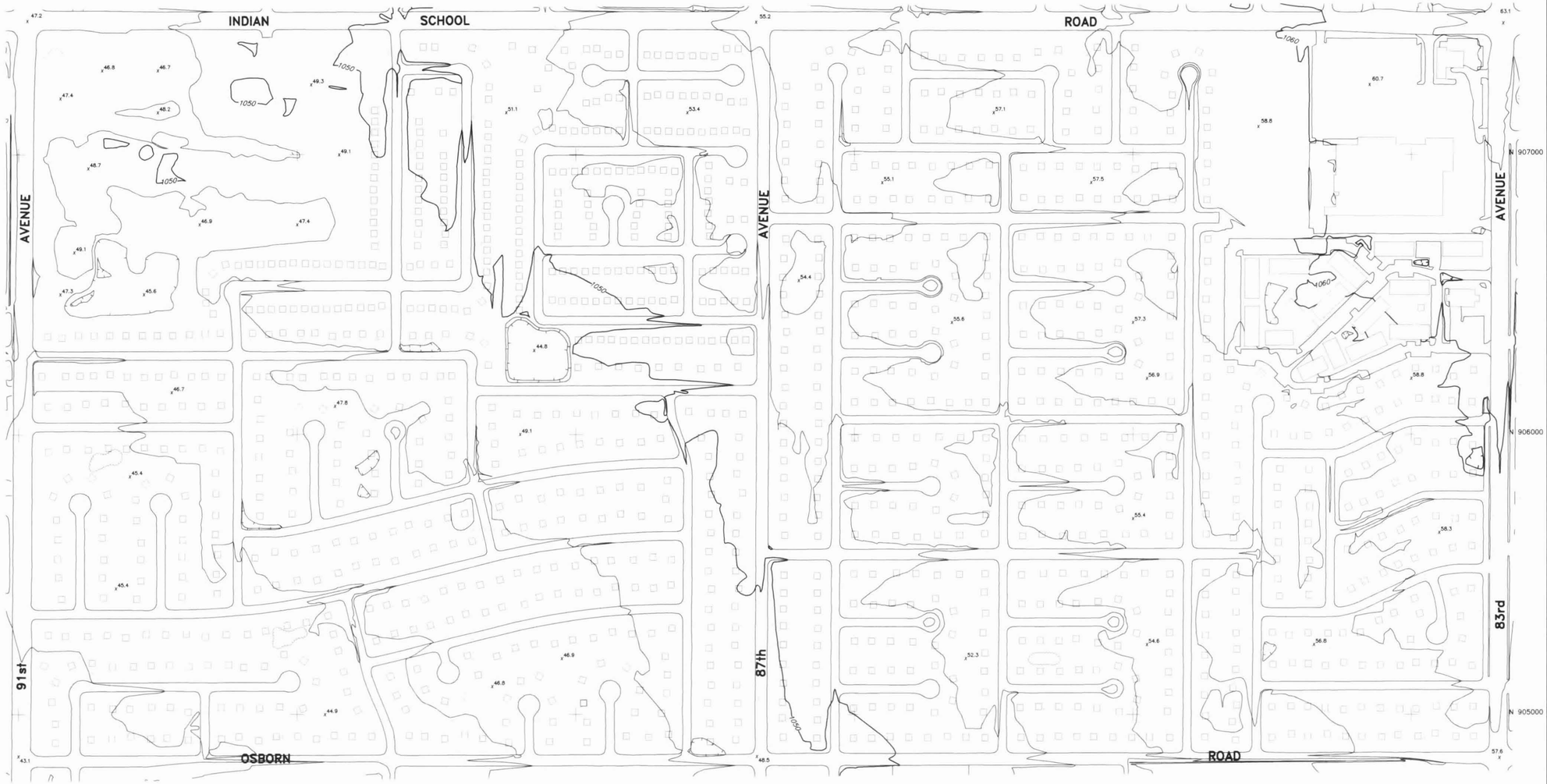

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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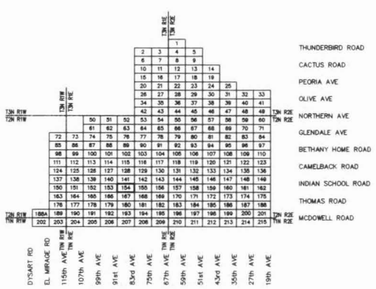
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
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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 154 OF 215

CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 9-21-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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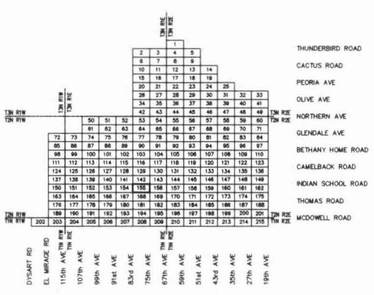
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

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CHIEF ENGINEER AND GENERAL MANAGER

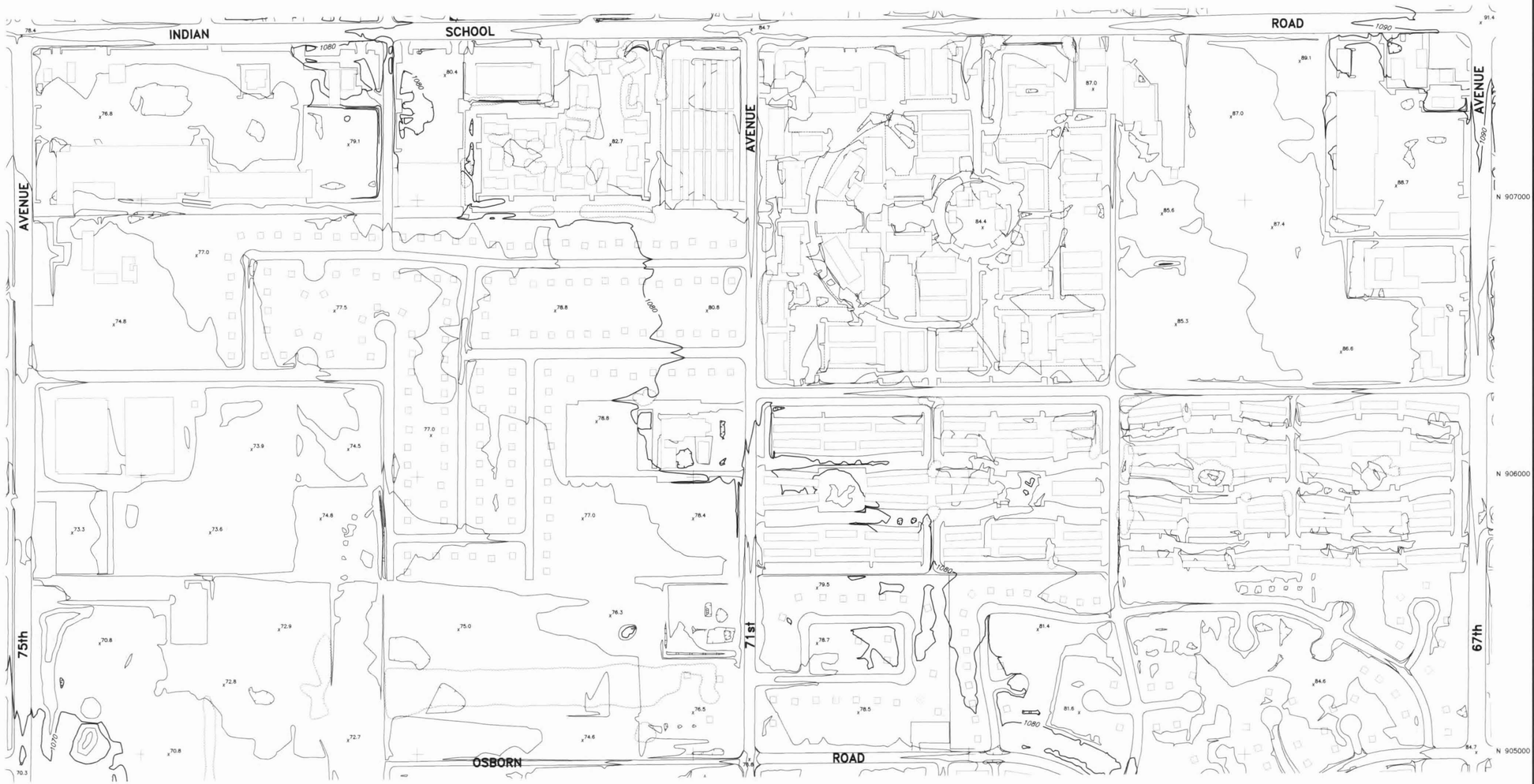
SHEET 155 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
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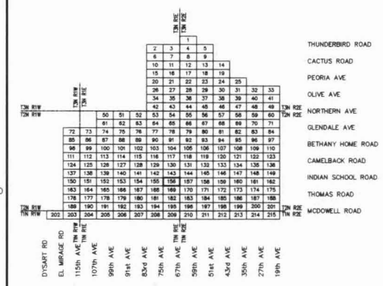
ELEVATION REFERENCE MARKS

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

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

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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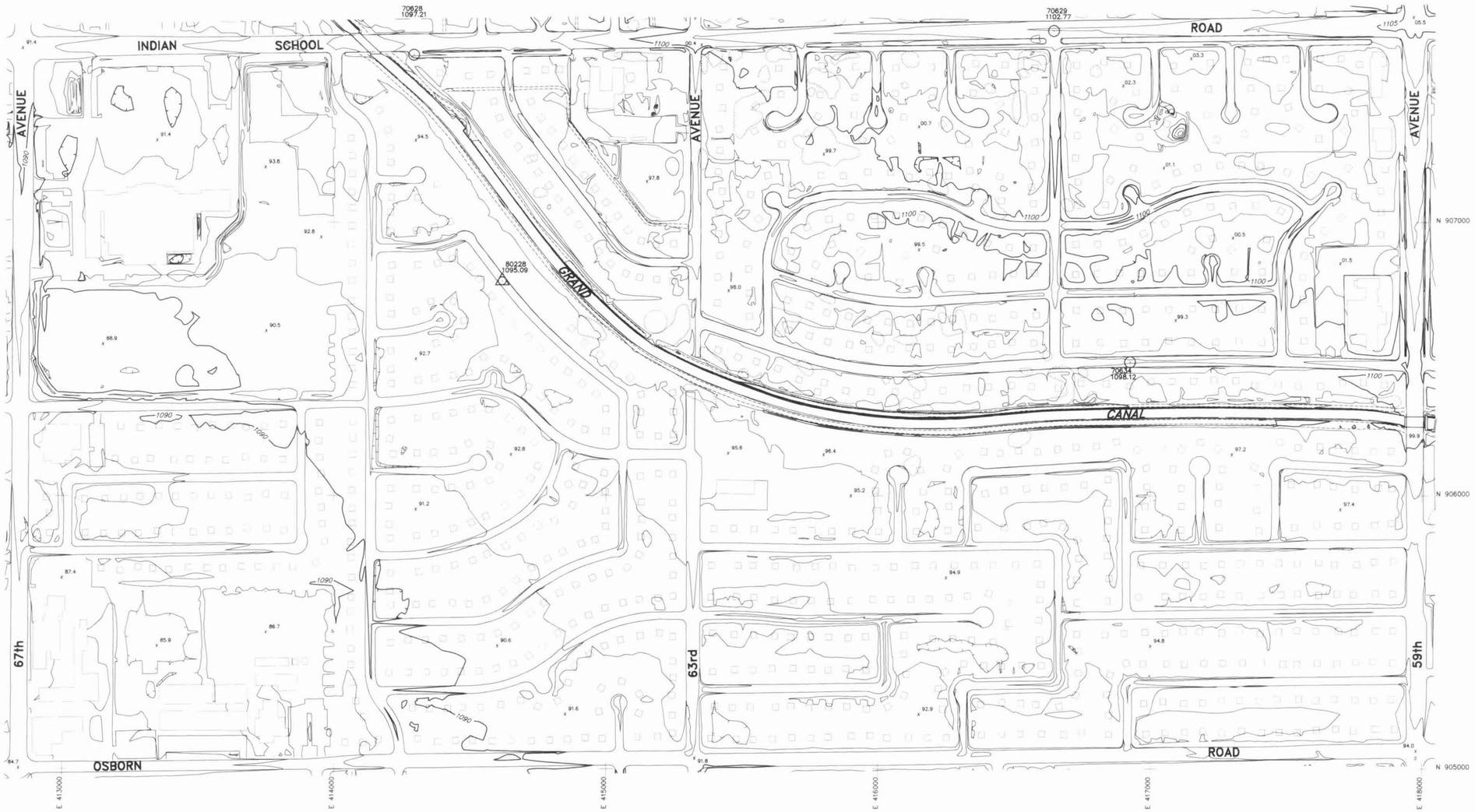
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 156 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
10-31-97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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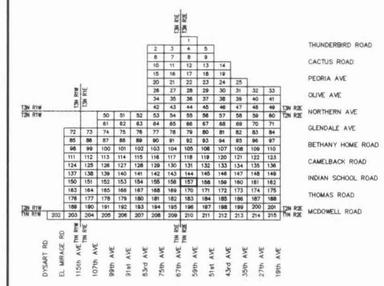
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80228	1095.09	BRASS CAP
70628	1097.21	P K NAIL
70629	1102.77	P K NAIL
70634	1098.12	P K NAIL

INDEX MAP



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FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 157 OF 215

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4123
ROBERT M. WILLIAMS
ARIZONA, U.S.A.

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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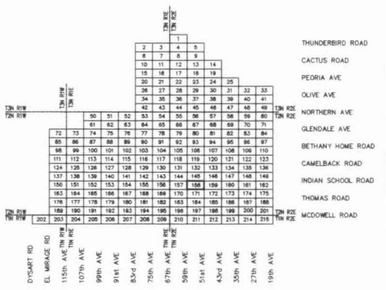
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80229	1106.43	BRASS CAP
80230	1113.91	P K NAIL
80234	1098.91	P K NAIL
70630	1110.21	P K NAIL
70635	1094.76	P K NAIL
70636	1100.23	P K NAIL

INDEX MAP



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FLOWN BY: KENNEY AERIAL MAPPING INC.
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DESIGN CHK.	-	
PLANS	-	
PLANS CHK.	-	-

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 158 OF 215

4123 ROBERT M WILLIAMS 4-28-94

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1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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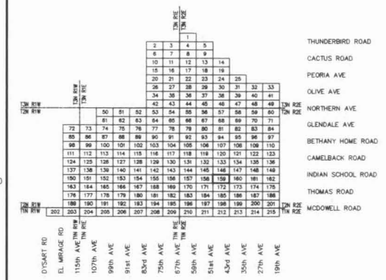
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80231	1113.68	P K NAIL
80235	1101.50	P K NAIL
70631	1114.82	P K NAIL
70637	1102.53	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

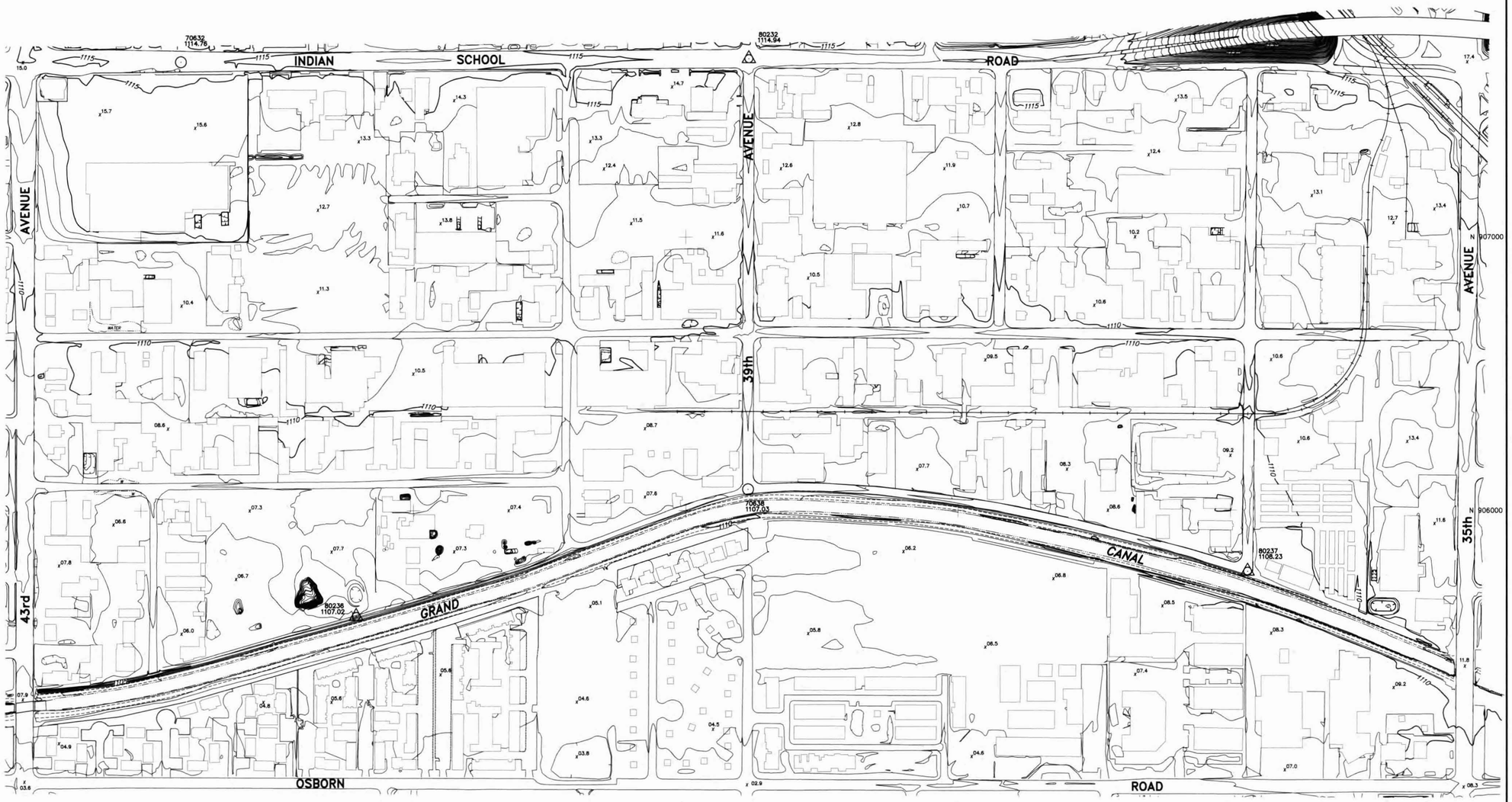
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 159 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

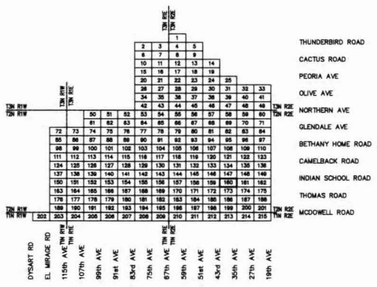
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80232	1114.94	B C H H
80236	1107.02	P K NAIL
80237	1108.23	BRASS CAP
70632	1114.76	P K NAIL
70638	1107.03	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 160 OF 215

REGISTERED LAND SURVEYOR 4123 ROBERT W. WILLIAMS 4-1-94 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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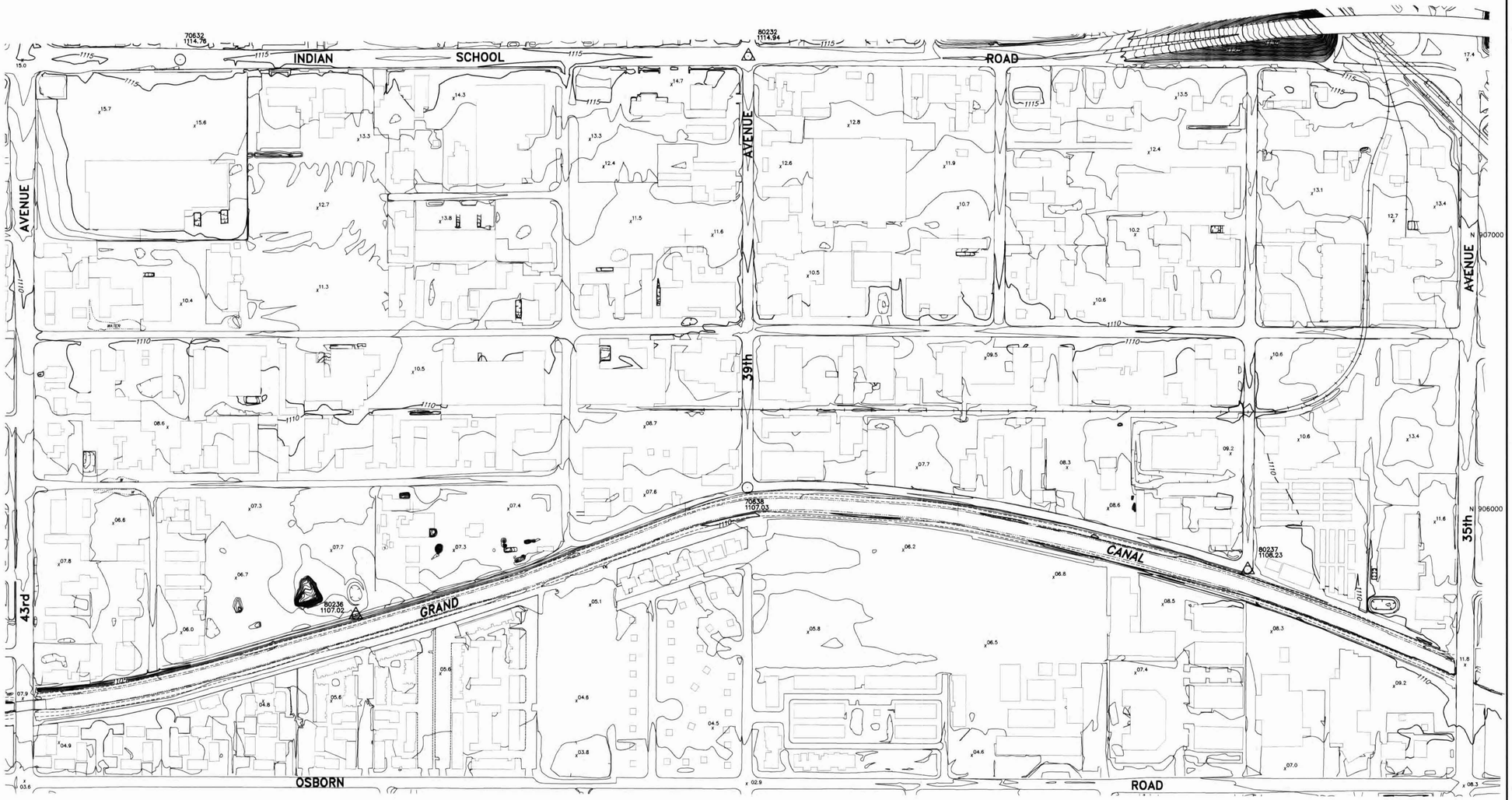

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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- CURB
- HIDDEN CURB
- RAILROAD
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- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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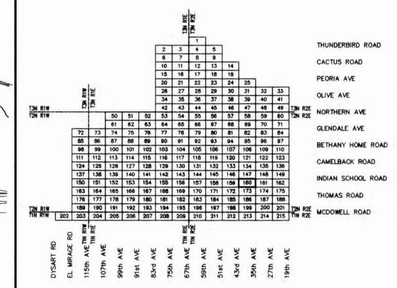
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80232	1114.94	B C H H
80236	1107.02	P K NAIL
80237	1108.23	BRASS CAP
70632	1114.76	P K NAIL
70638	1107.03	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 160 OF 215

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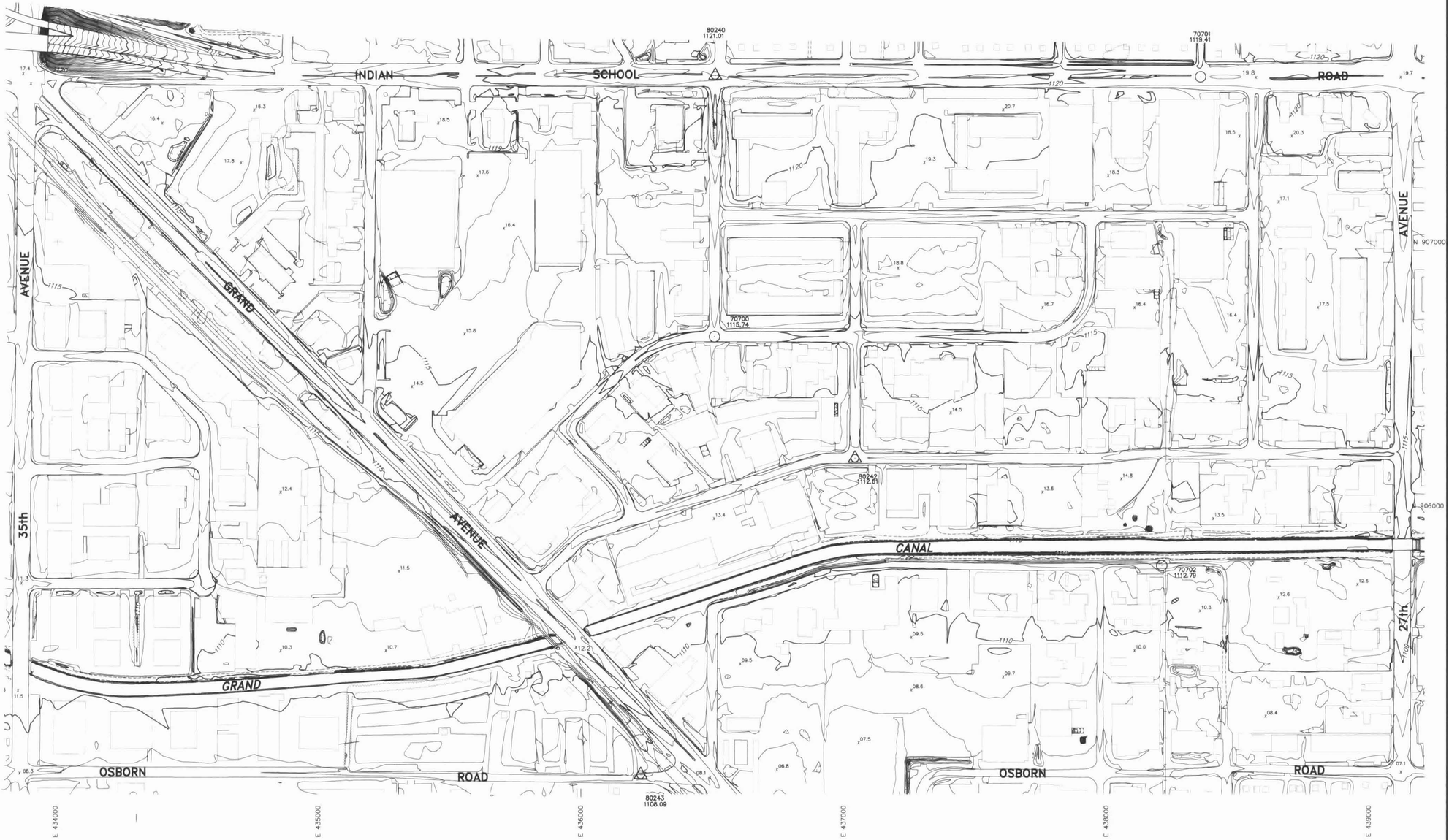

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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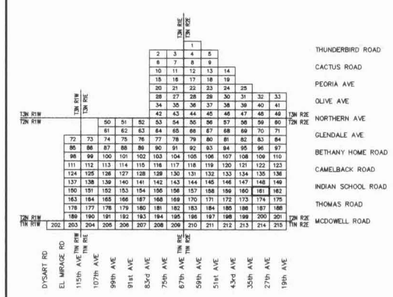
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80240	1121.01	B C H H
80242	1112.61	BRASS CAP
80243	1108.09	P K NAIL
70700	1115.74	BRASS CAP
70701	1119.41	B C H H
70702	1112.79	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 161 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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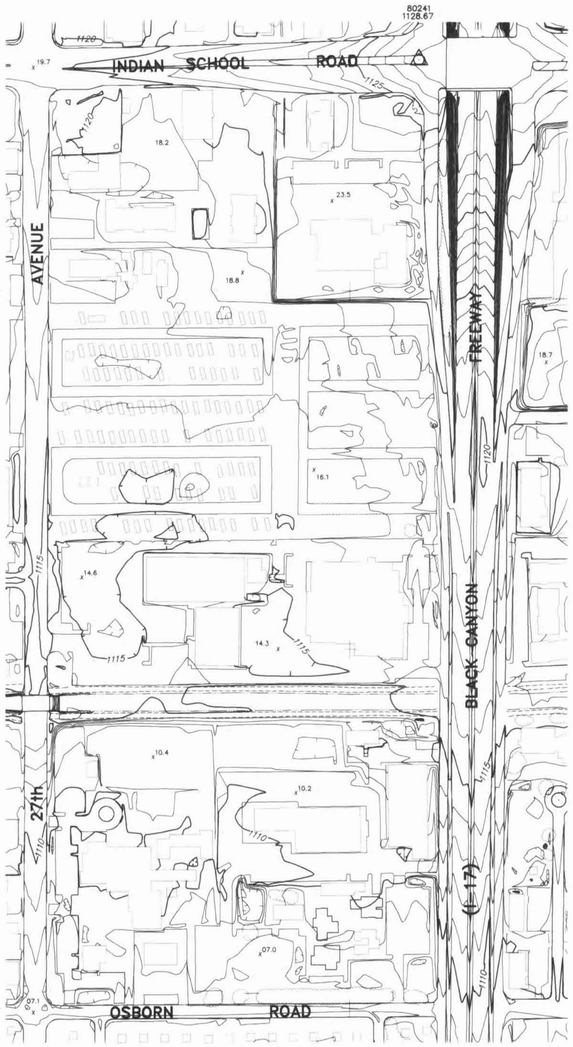

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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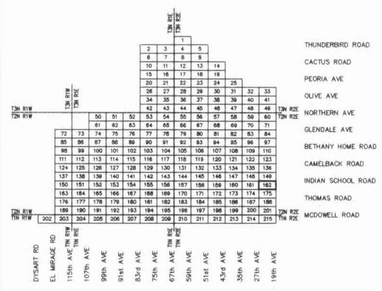
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80241	1128.67	P K NAIL
70703	1111.84	BRASS CAP

INDEX MAP



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SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 162 OF 215

CERTIFICATE NO. 4123 ROBERT M WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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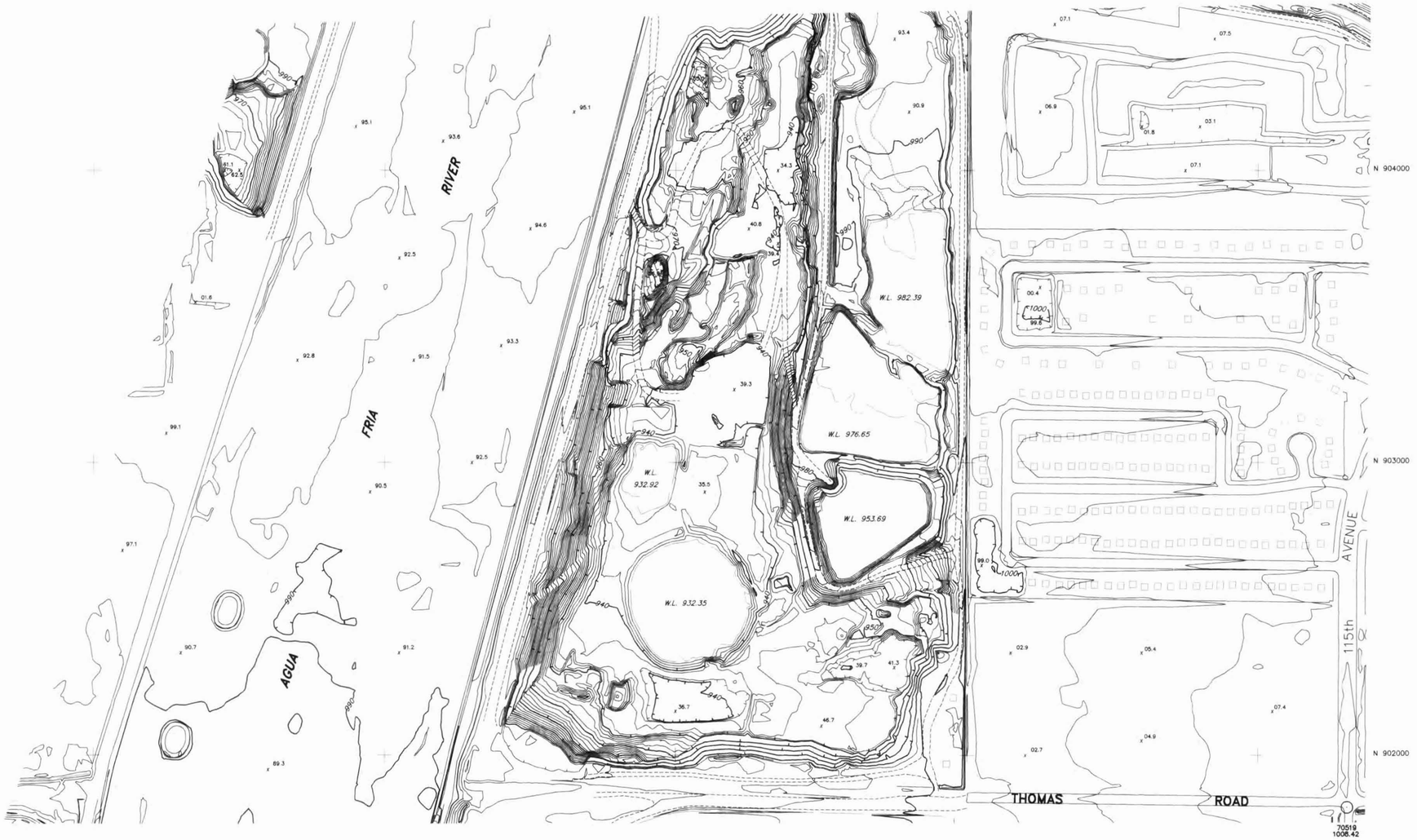

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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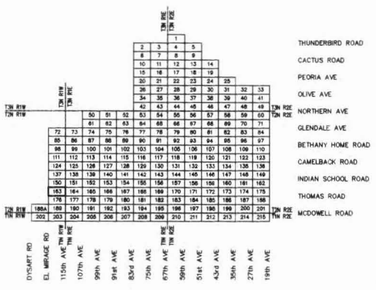
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70519	1008.42	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
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PLANS CHK.		

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 163 OF 215

4123 ROBERT M. WILLIAMS 10-2-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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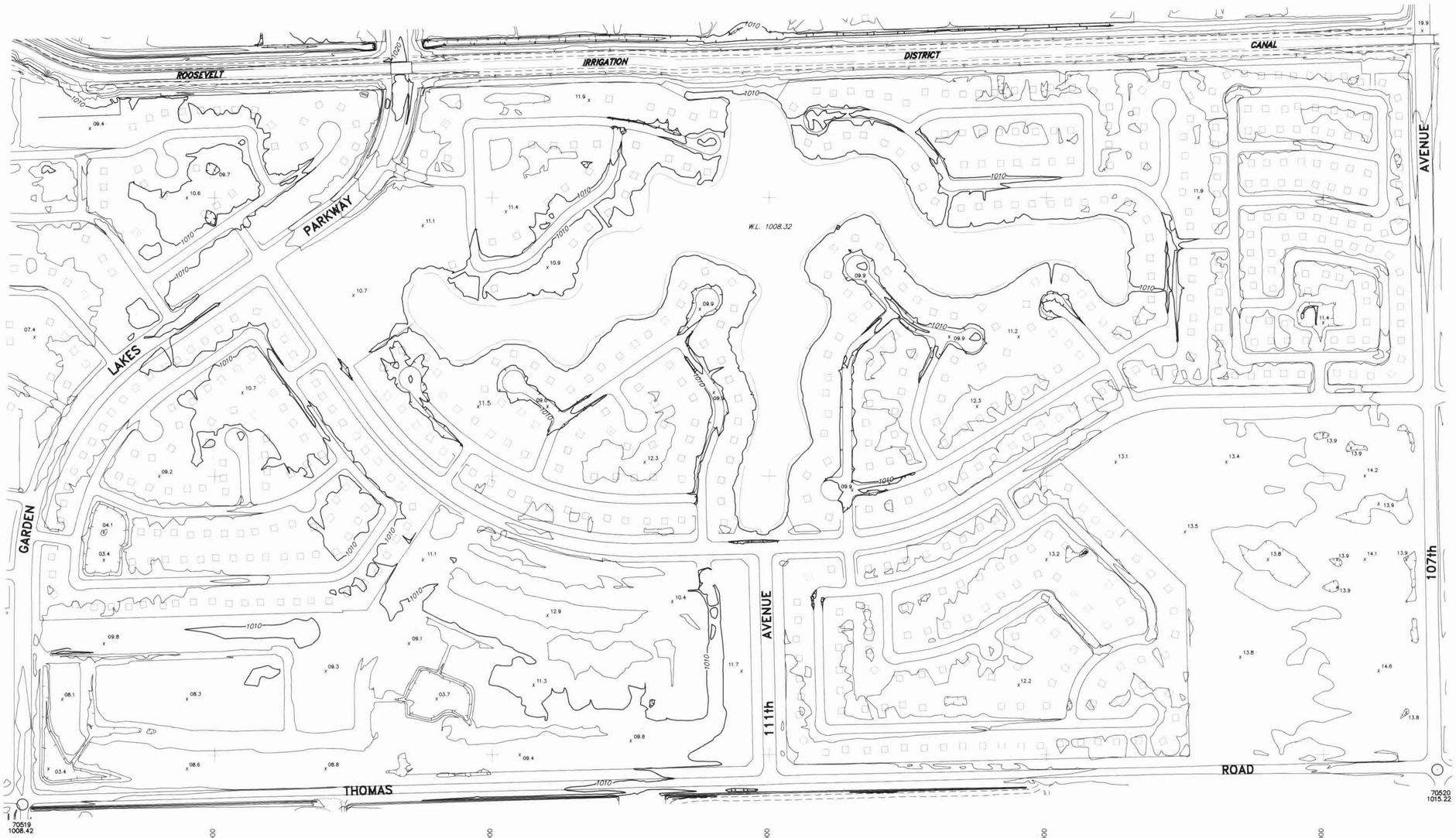

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

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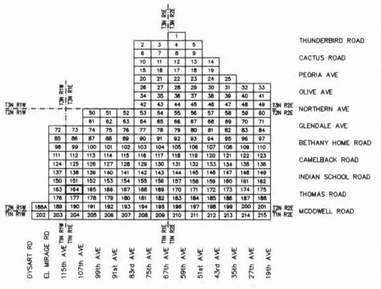
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70520	1015.22	B C H H
70519	1008.42	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

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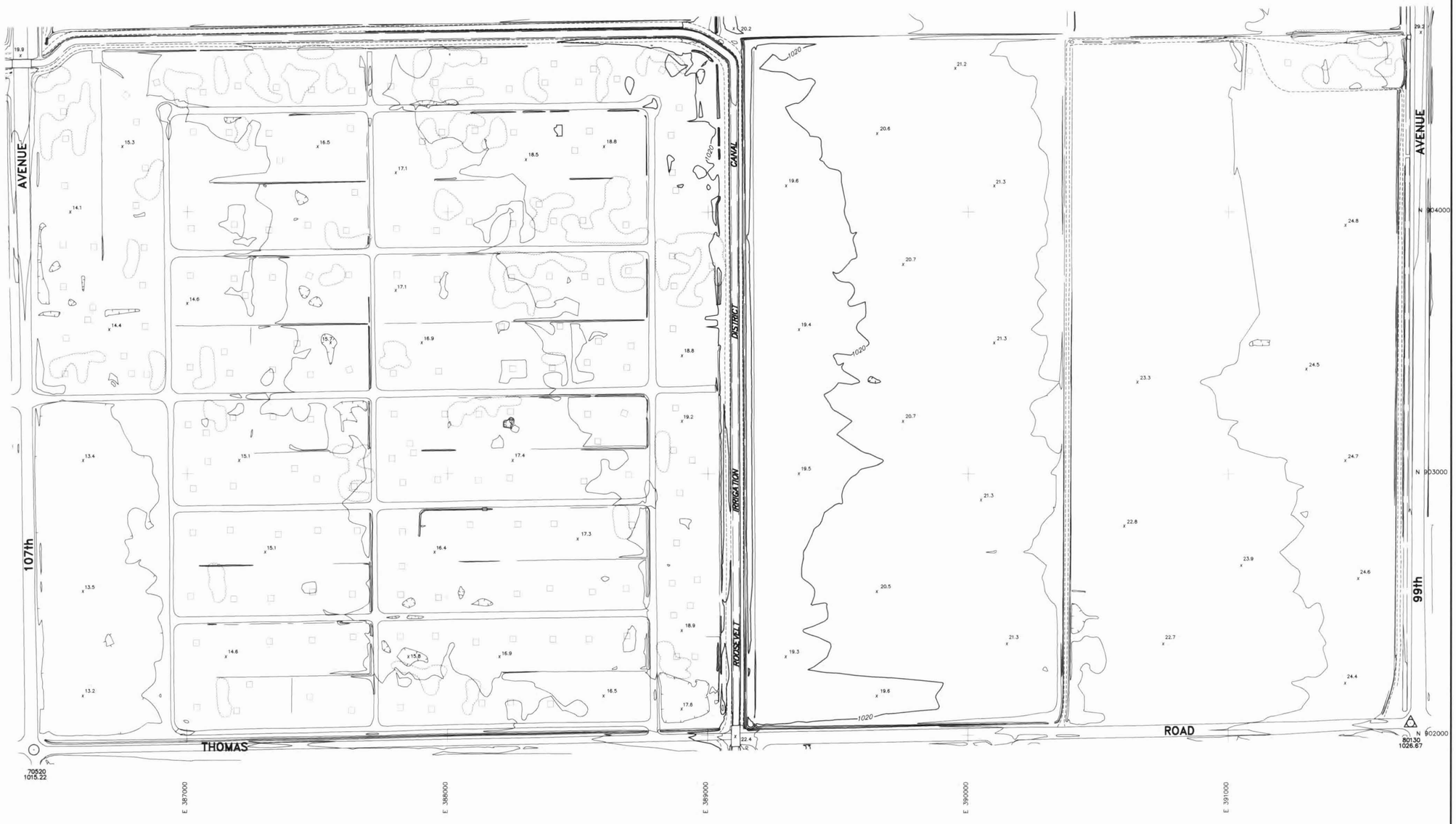
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 164 OF 215

4123 ROBERT M WILLIAMS 10-2-94

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

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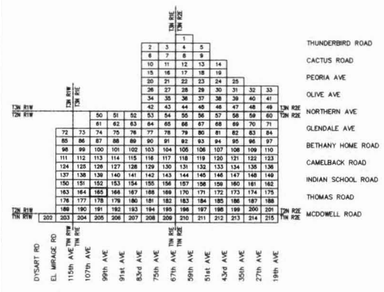
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80130	1026.67	B C H H
70520	1015.22	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

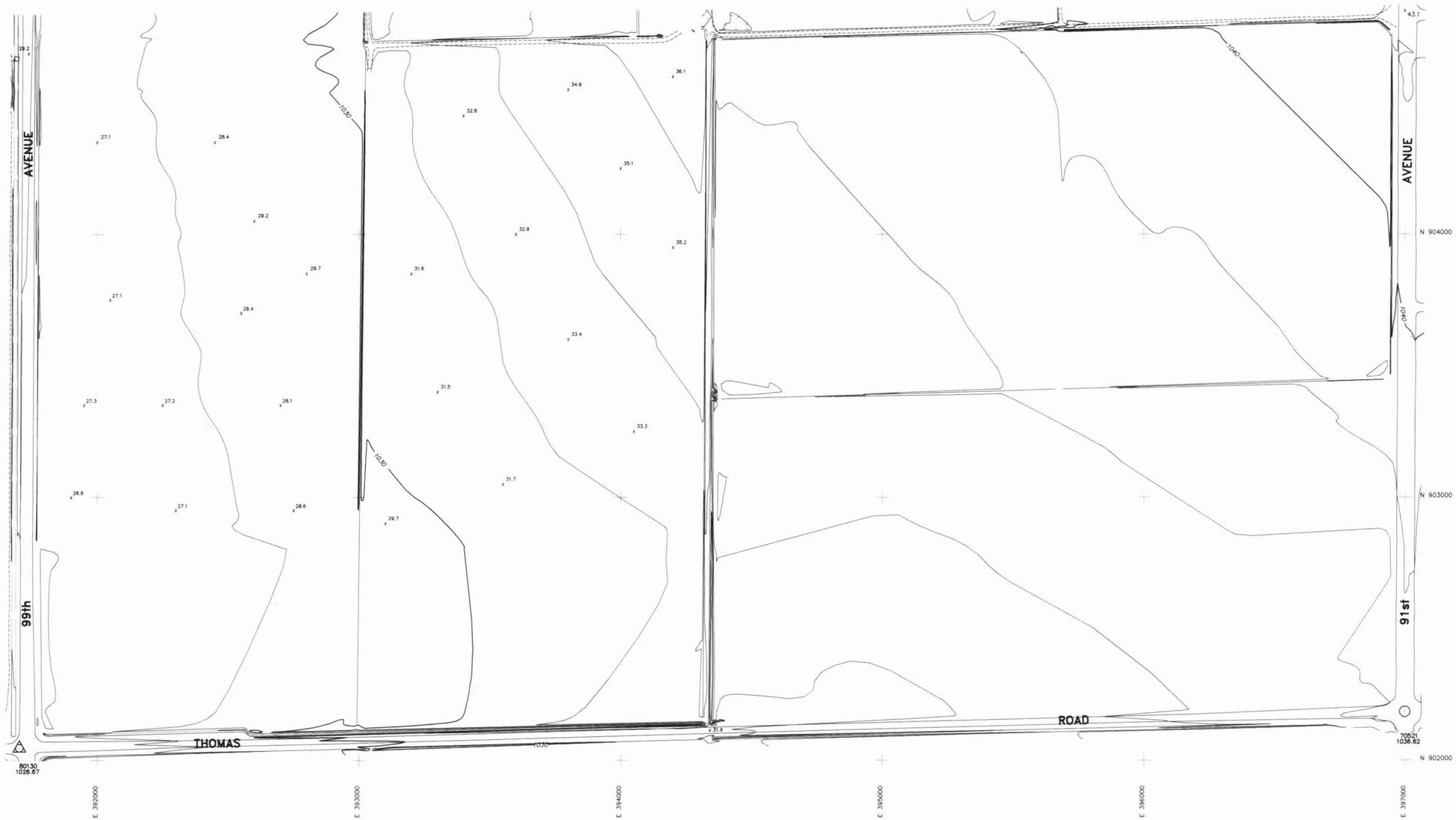
SHEET 165 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
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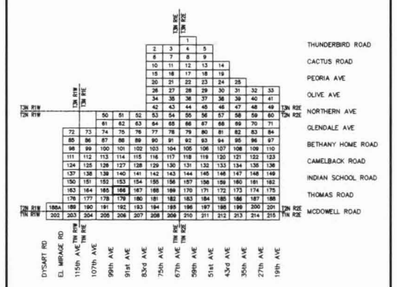
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80130	1026.67	B C H H
70521	1036.62	B C H H

INDEX MAP



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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 166 OF 215

4123 ROBERT M. WILLIAMS REGISTERED 10-31-95 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

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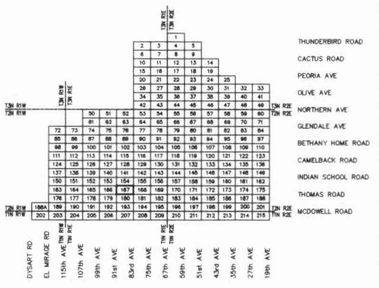
ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80131	1051.18	B C H H
70521	1036.62	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 167 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

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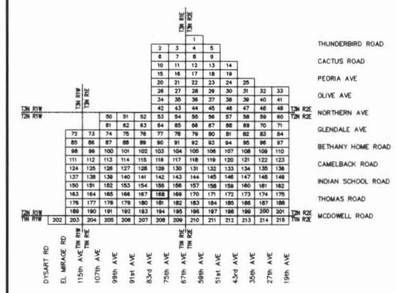
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80131	1051.18	B C H H
70522	1064.38	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

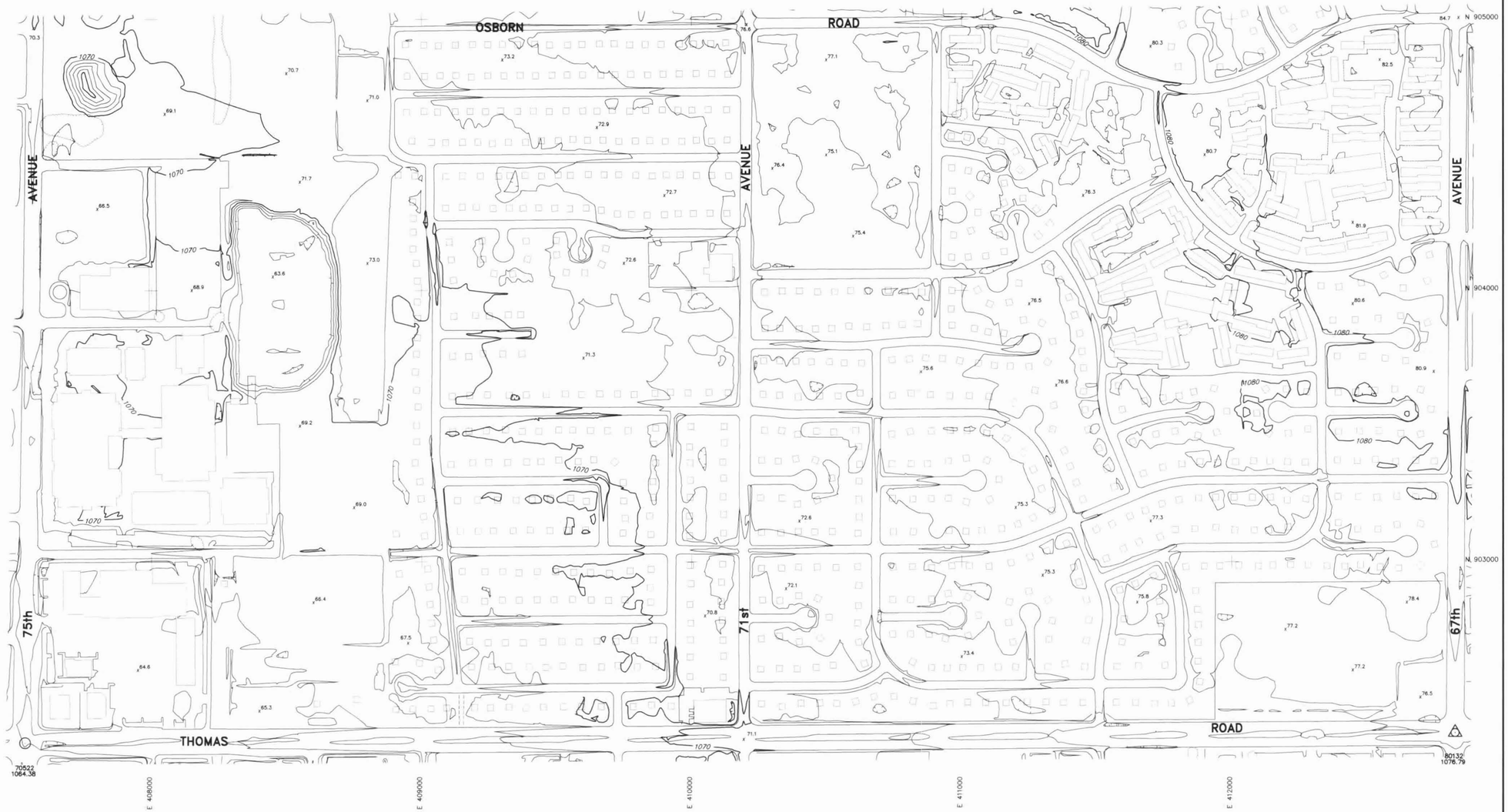
SHEET 168 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

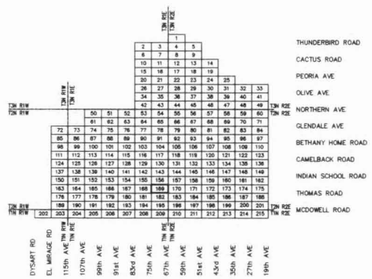
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80132	1076.79	B C H H
70522	1064.38	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 169 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M WILLIAMS 9-21 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

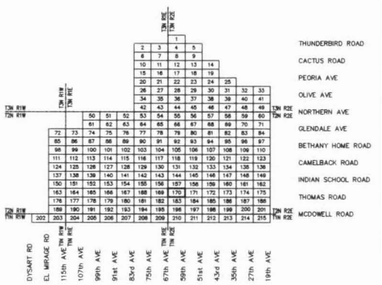
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80132	1076.79	B C H H
70523	1084.03	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

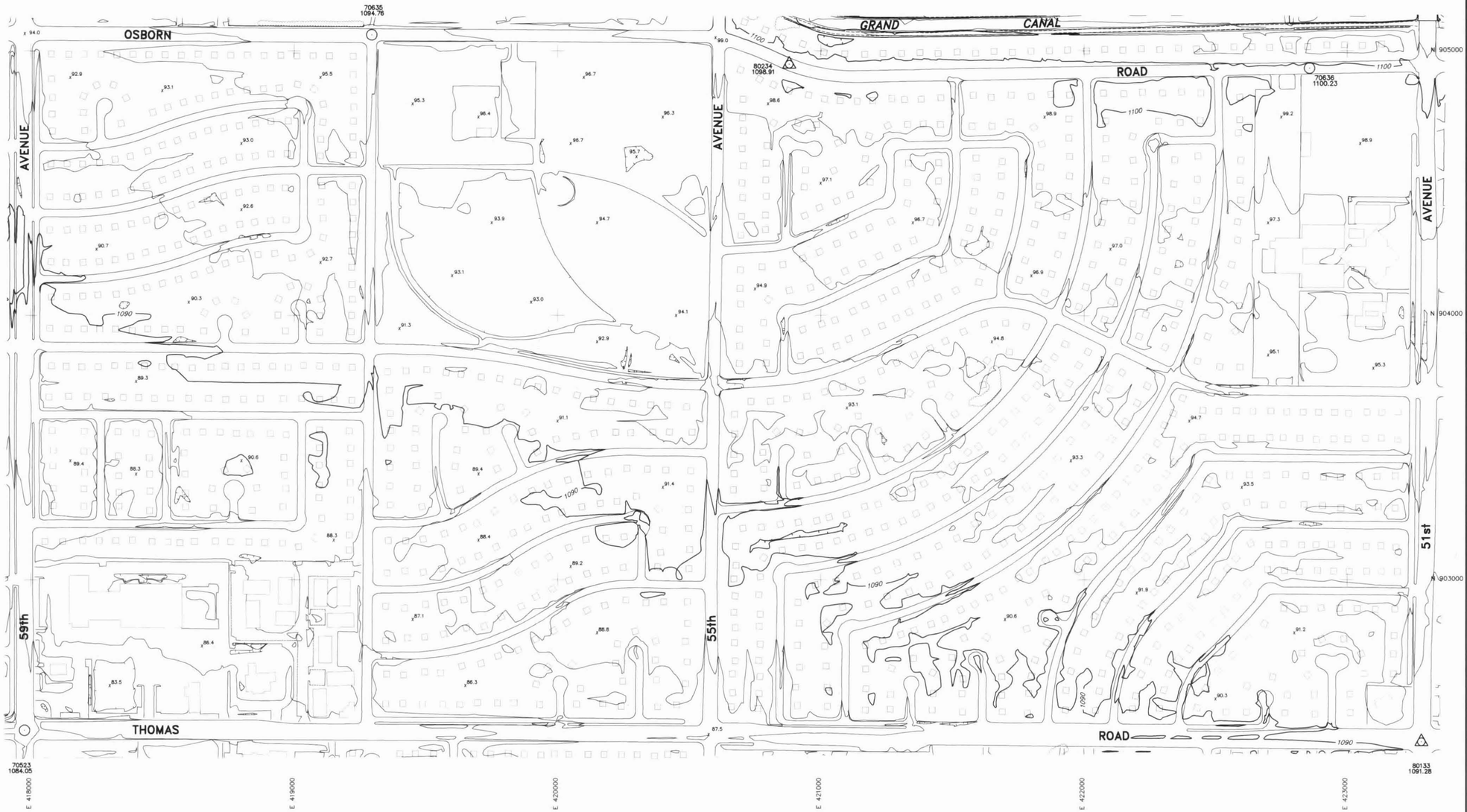
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 170 OF 215

REGISTERED LAND SURVEYOR 4123 ROBERT M. WILLIAMS 3-28-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

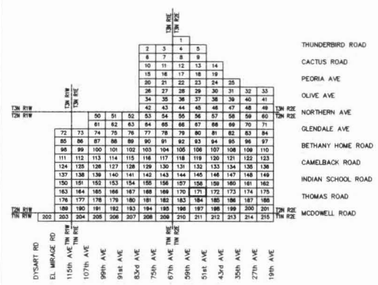
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80133	1091.28	B C H H
80234	1098.91	P K NAIL
70523	1084.03	B C H H
70635	1094.76	P K NAIL
70636	1100.23	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY:	DATE:
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

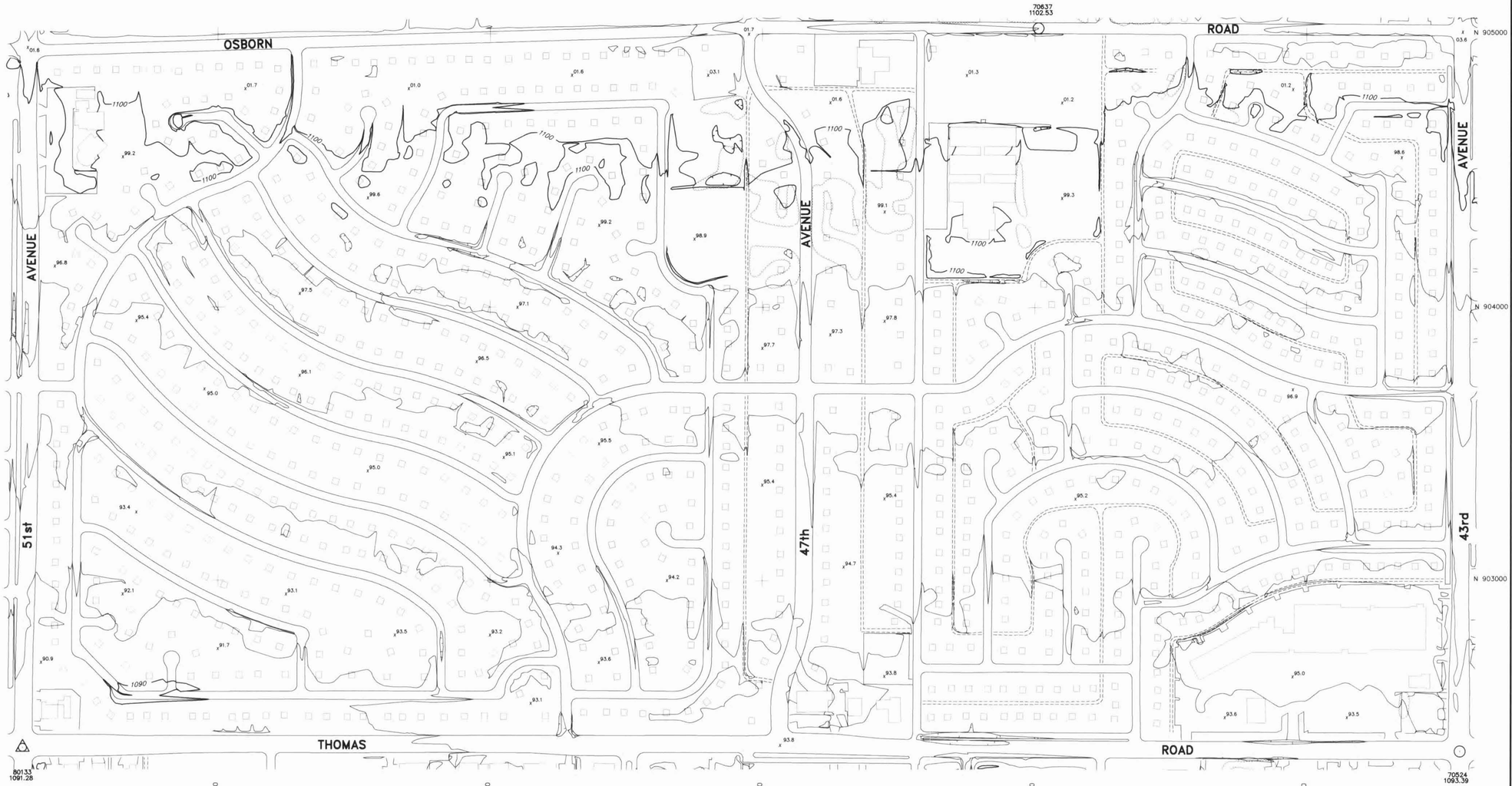
RECOMMENDED BY: DATE:

APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 171 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

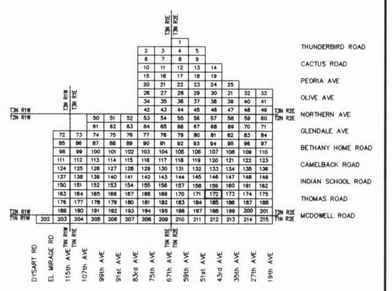
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80133	1091.28	B C H H
70524	1093.39	B C H H
70637	1102.53	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

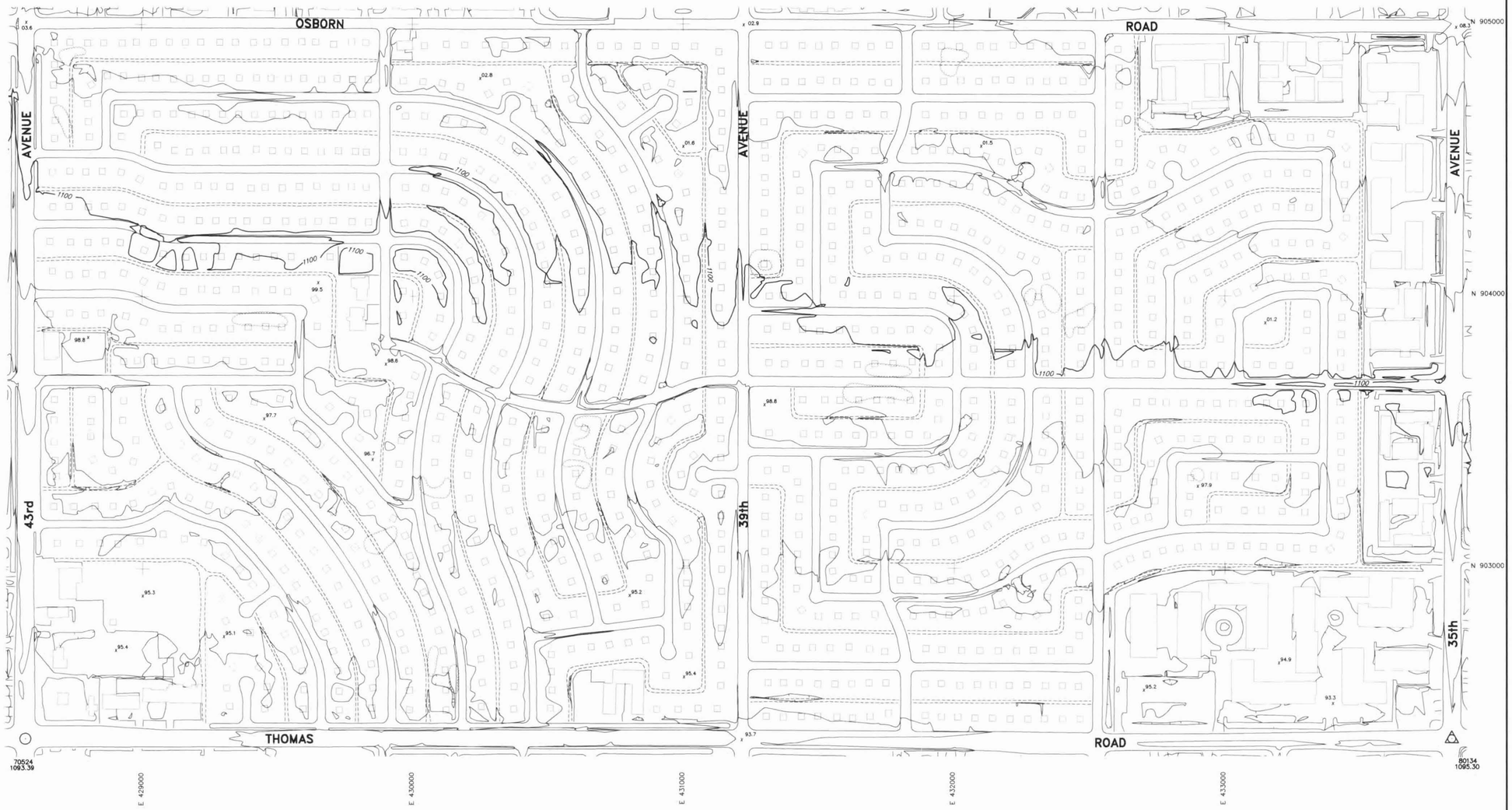
SHEET 172 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

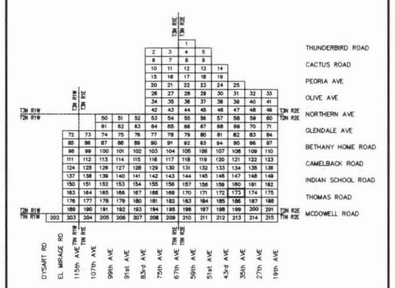
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80134	1095.30	B C H H
70524	1093.39	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

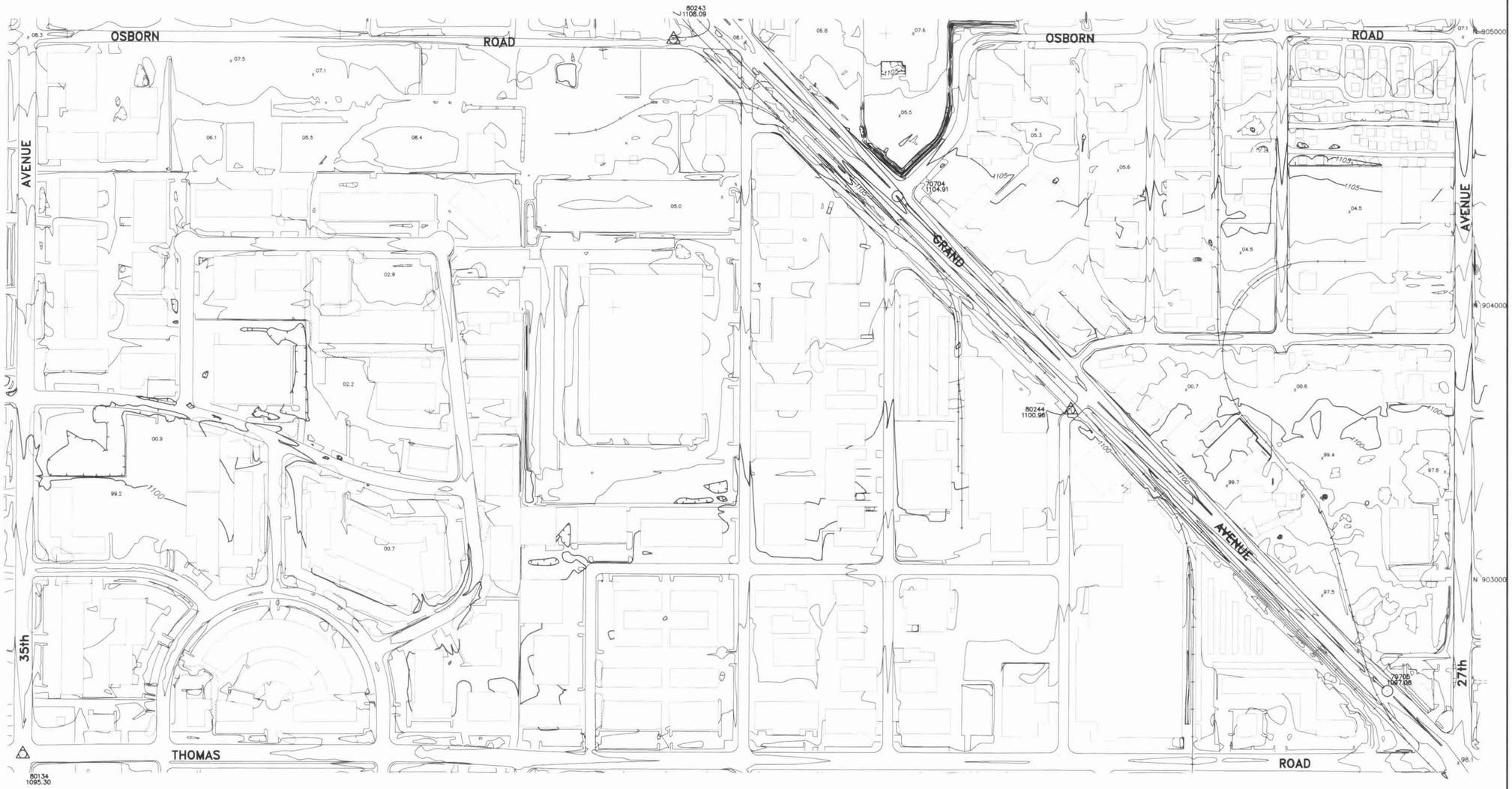
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 173 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 3-31-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

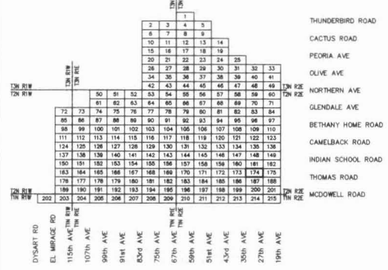
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80134	1095.30	B C H H
80243	1108.09	P K NAIL
80244	1100.96	P K NAIL
70704	1104.91	P K NAIL
70705	1097.08	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

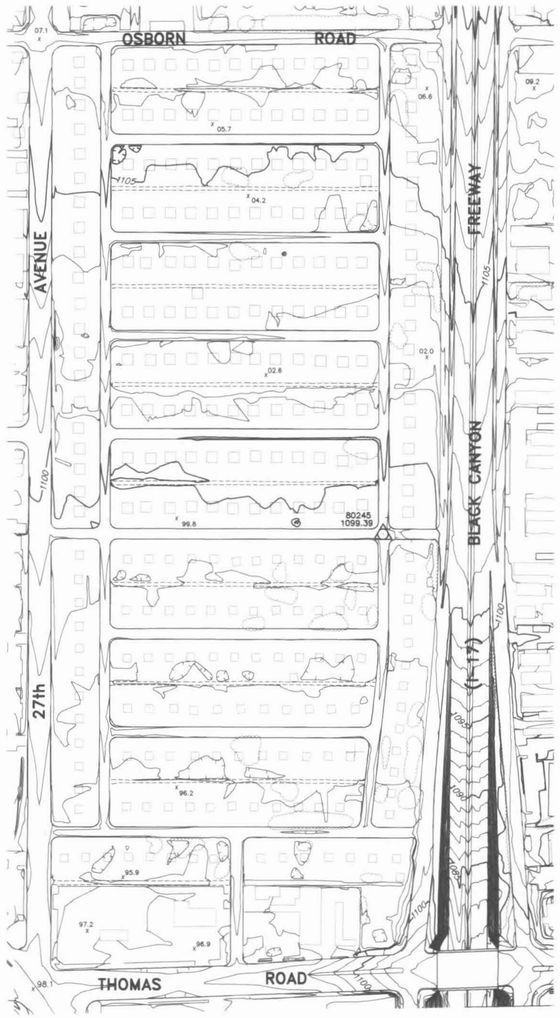
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 174 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M WILLIAMS STATE OF ARIZONA U.S.A. 4-28-97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

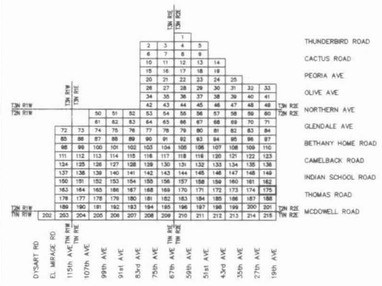
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80245	1099.39	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

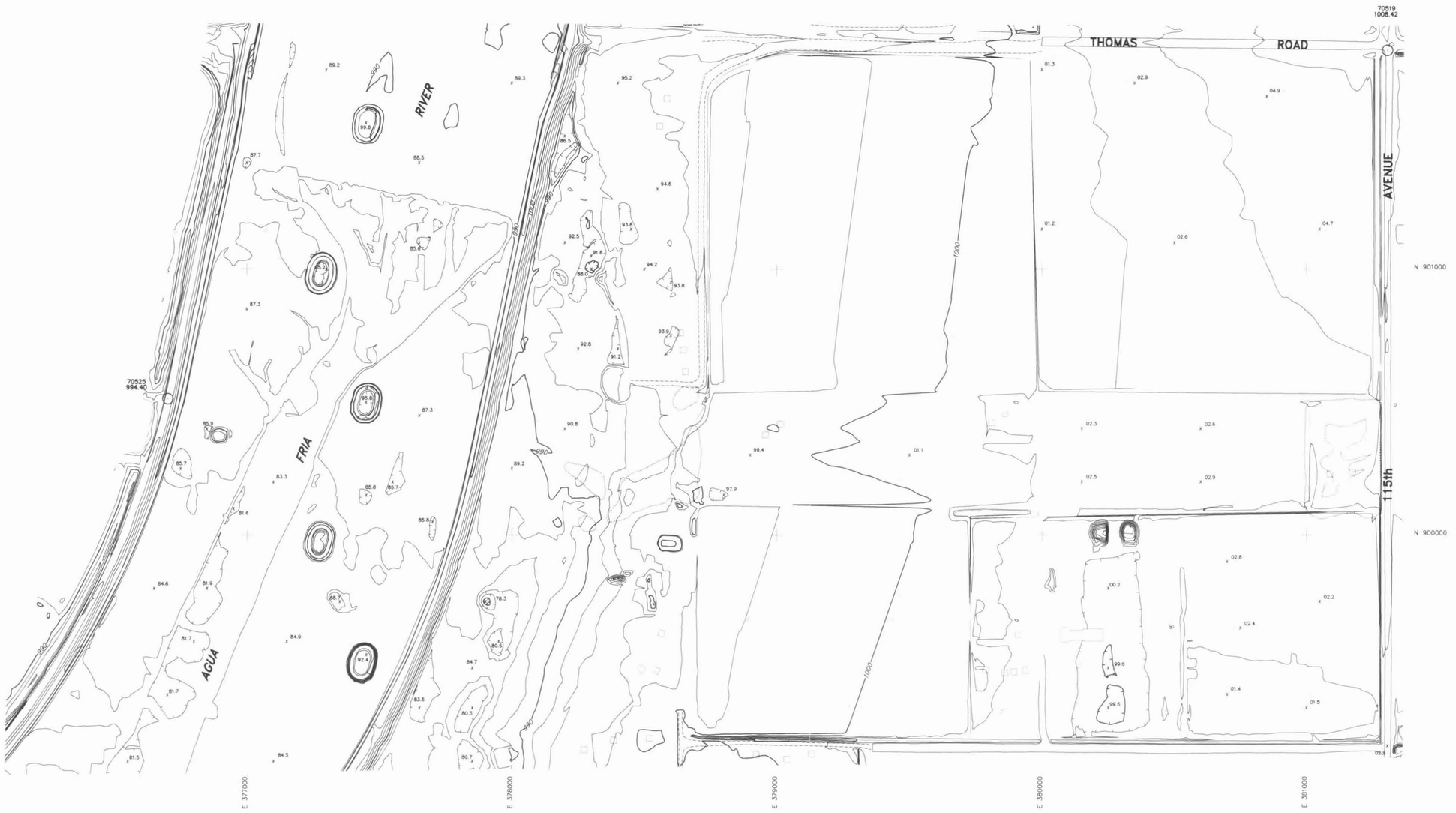
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 175 OF 215

4123 ROBERT M WILLIAMS REGISTERED LAND SURVEYOR ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

Sheets 175-215



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

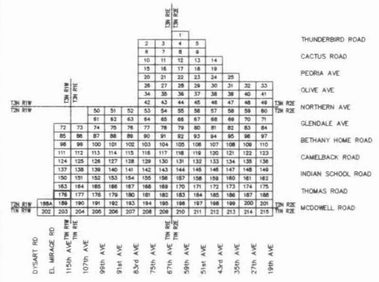
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70525	994.40	H U B
70519	1008.42	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY:	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

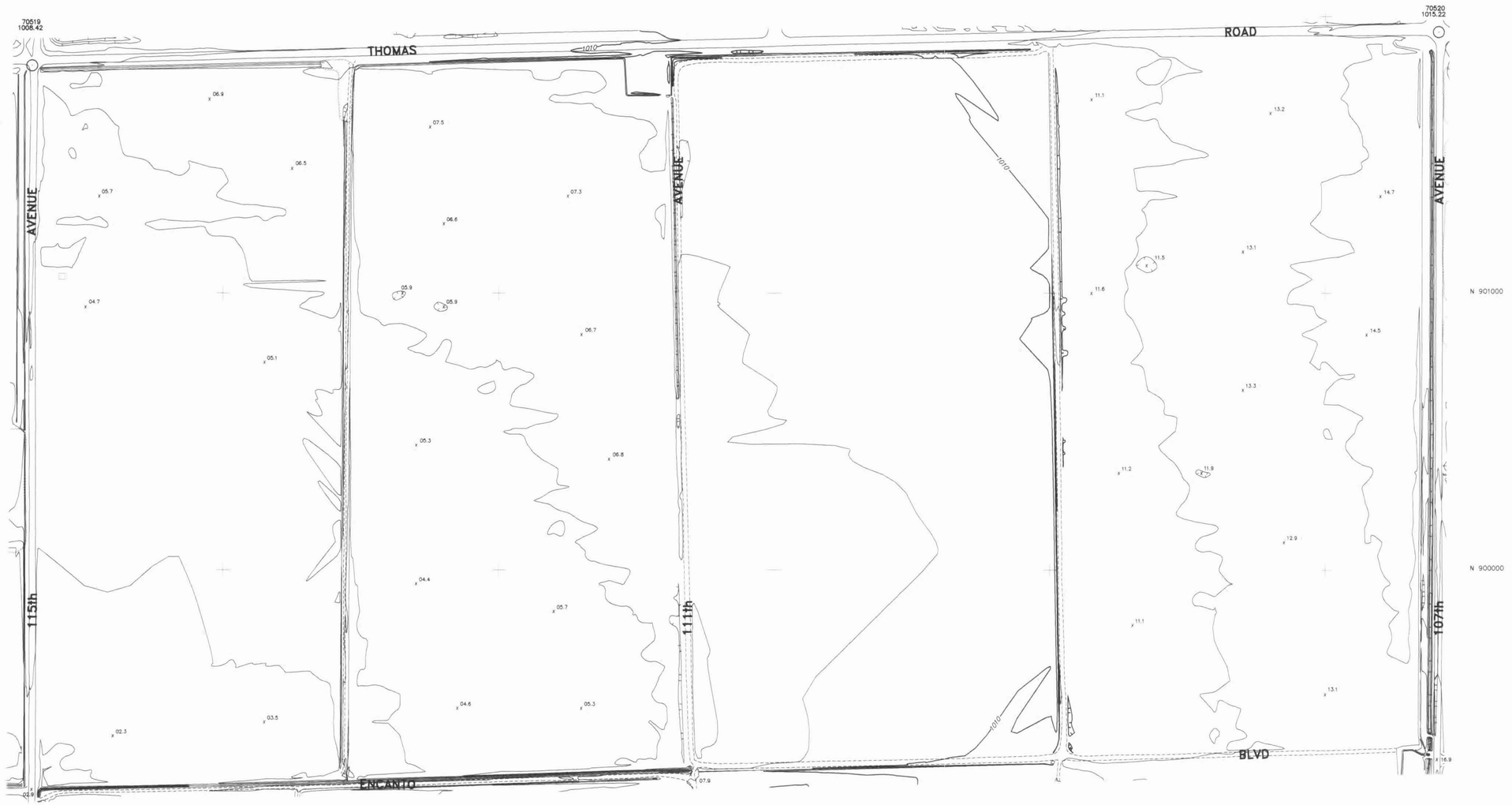
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 176 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

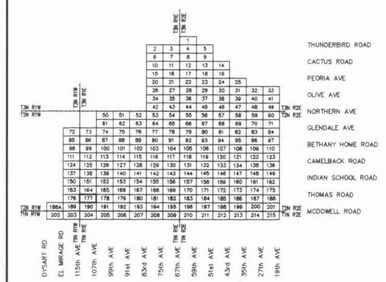
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70520	1015.22	B C H H
70519	1008.42	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 177 OF 215

4123 ROBERT M. WILLIAMS 10-31-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

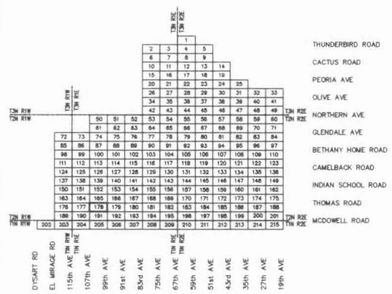
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80130	1026.67	B C H H
70520	1015.22	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

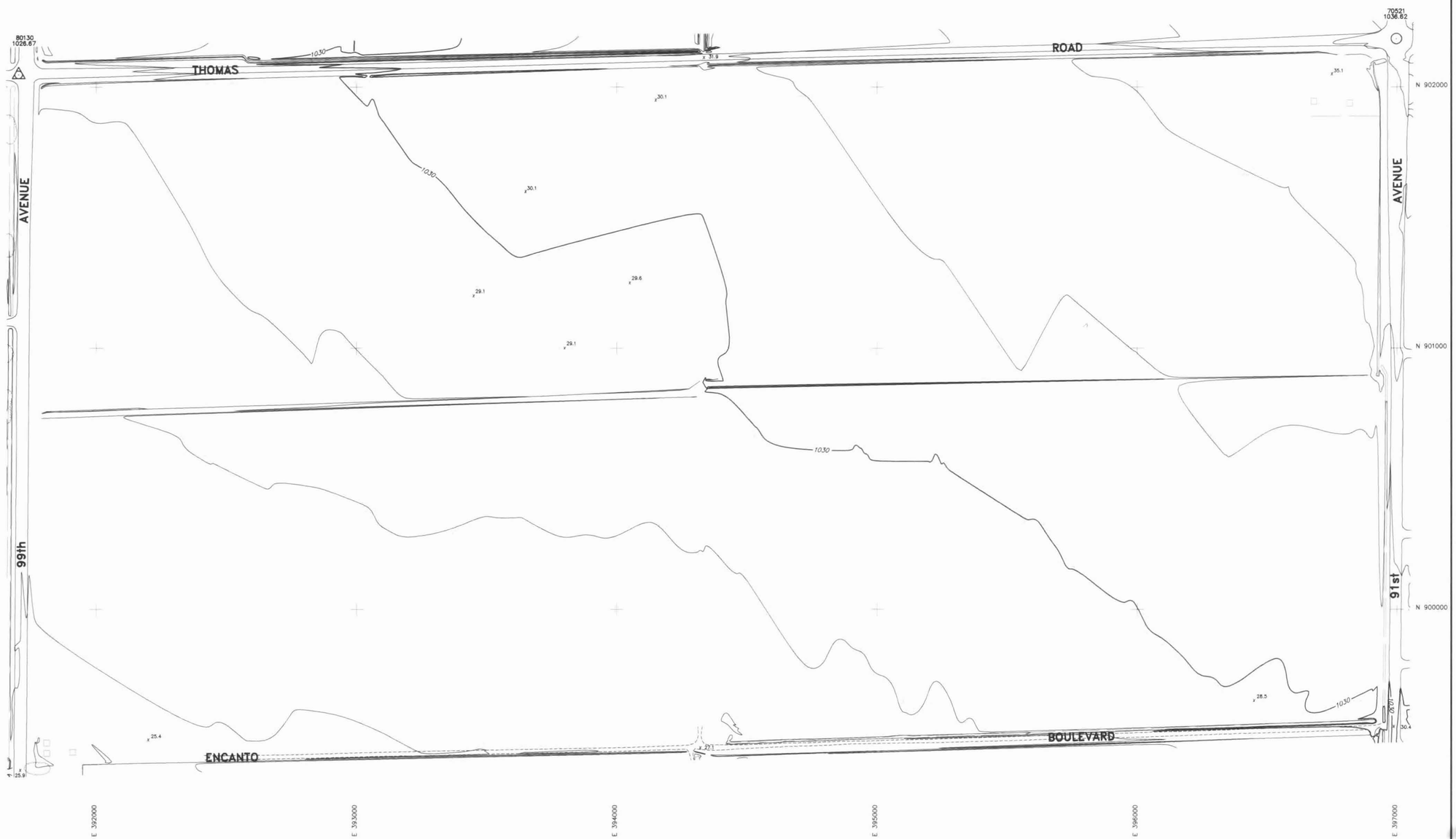
SHEET 178 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

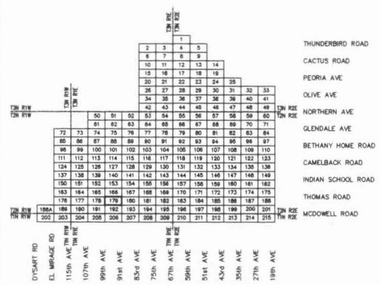
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80130	1026.67	B C H H
70521	1036.62	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

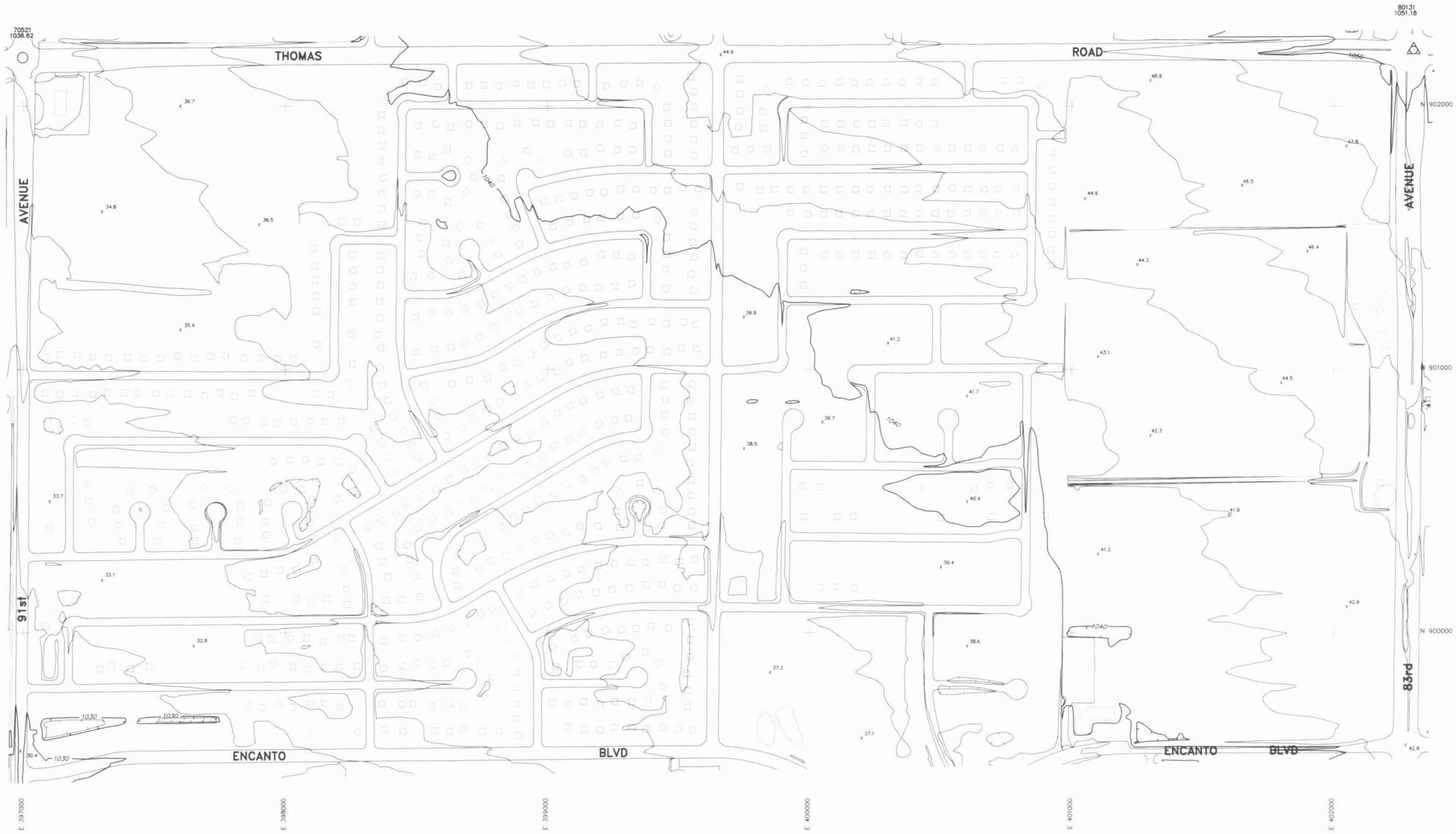
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 179 OF 215

4123 ROBERT M WILLIAMS 12-31-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

LEGEND

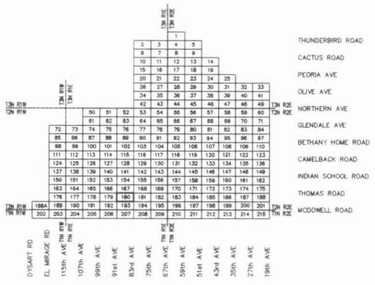
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
801.31	1051.18	B C H H
70521	1036.62	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 180 OF 215

4123 ROBERT M. WILLIAMS 9-27-94 REGISTERED U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

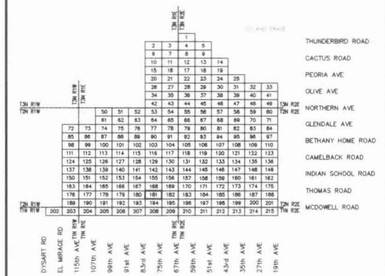
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80131	1051.18	B.C.H.H.
70522	1064.38	B.C.H.H.

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
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PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 181 OF 215

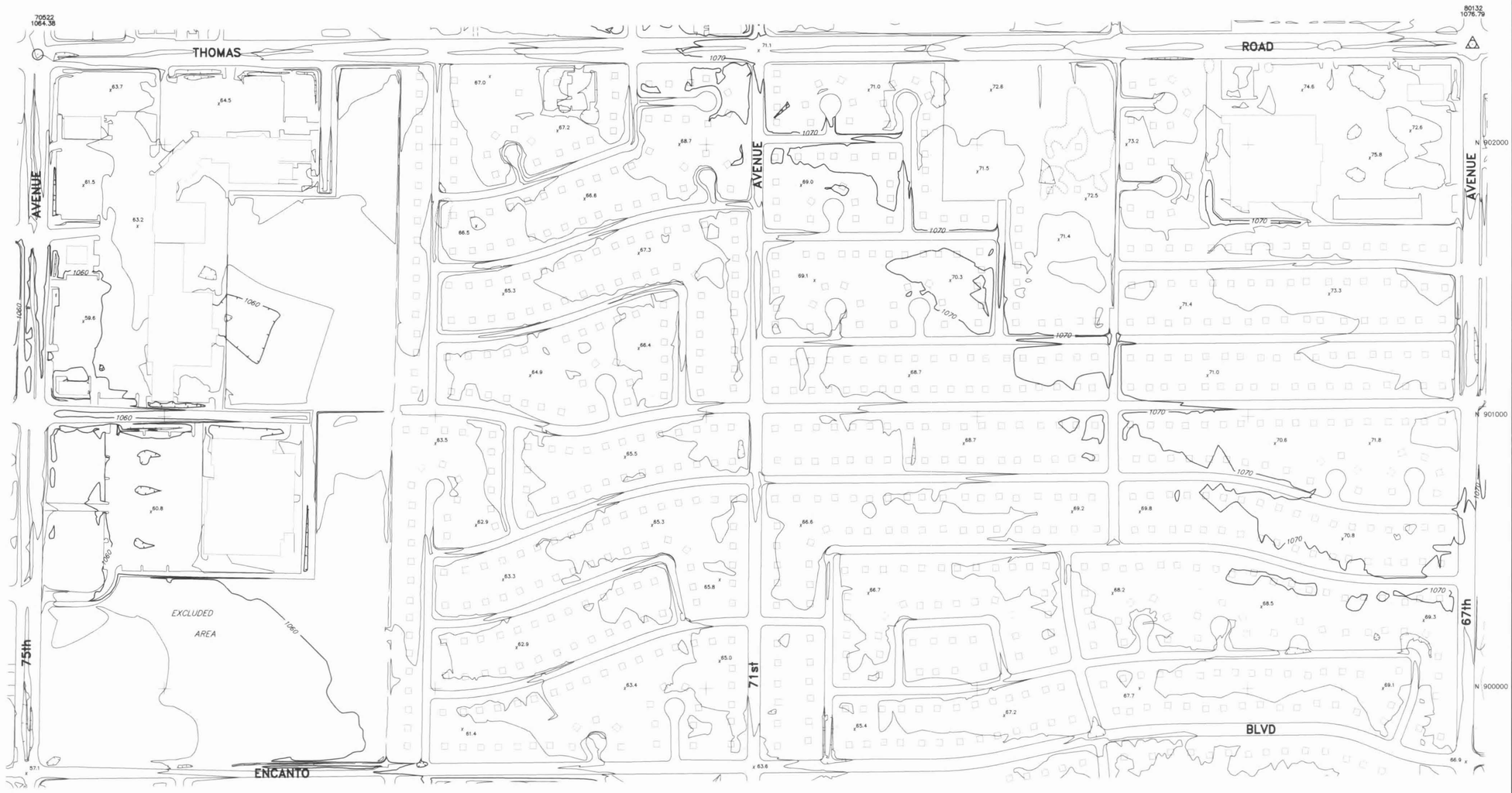
4123 ROBERT M. WILLIAMS 9-21-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

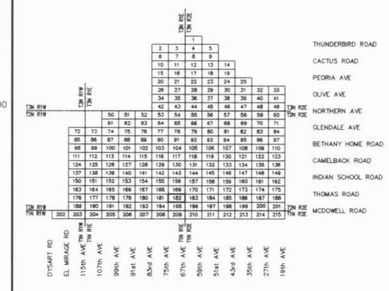
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80132	1076.79	B C H H
70522	1064.38	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SUBMITTED BY: DATE:

SHEET 182 OF 215

4123 ROBERT M. WILLIAMS 9-21-94

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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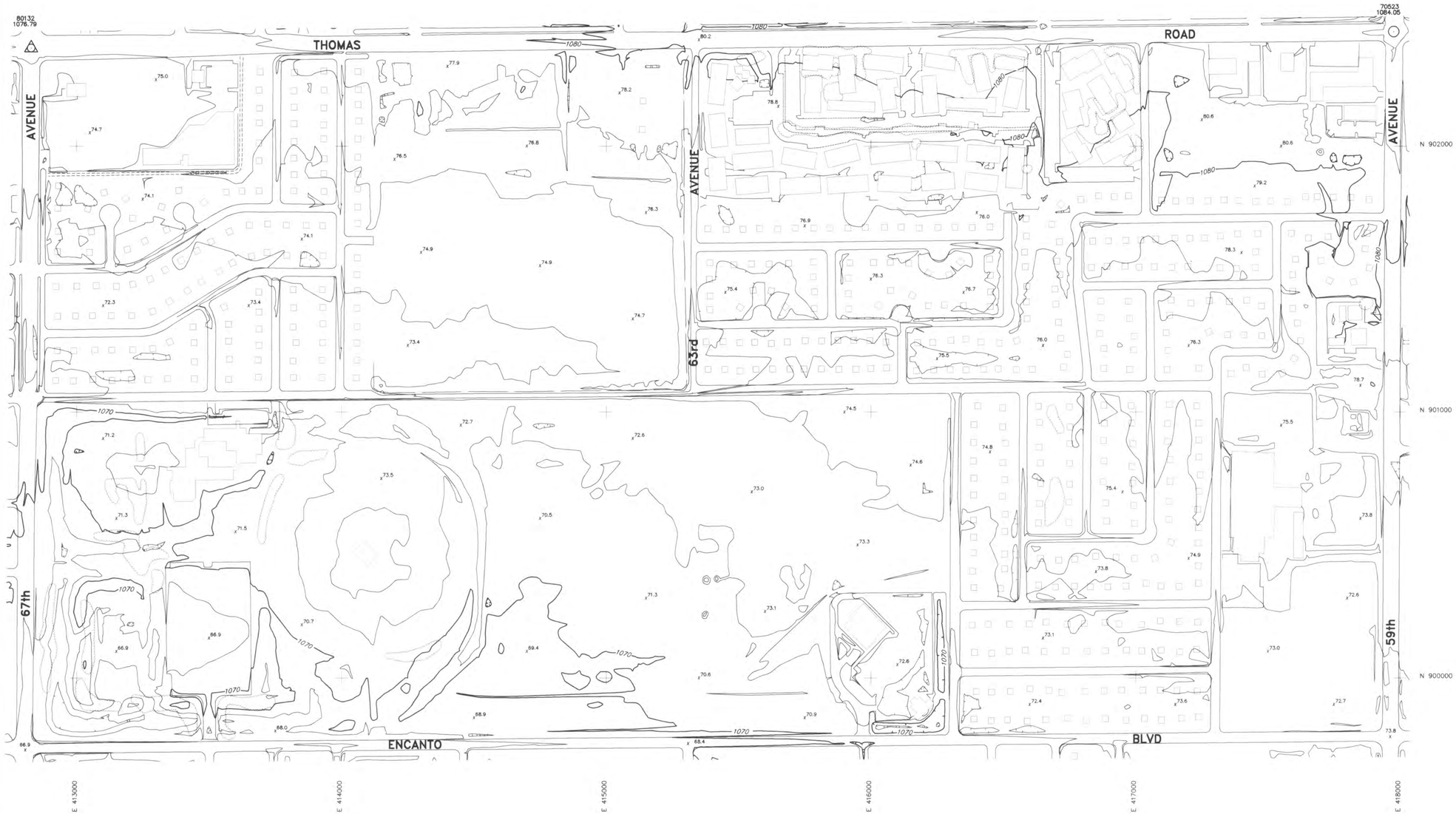


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

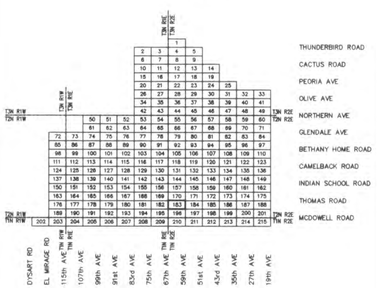
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80132	1076.79	B C H H
70523	1084.03	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
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PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

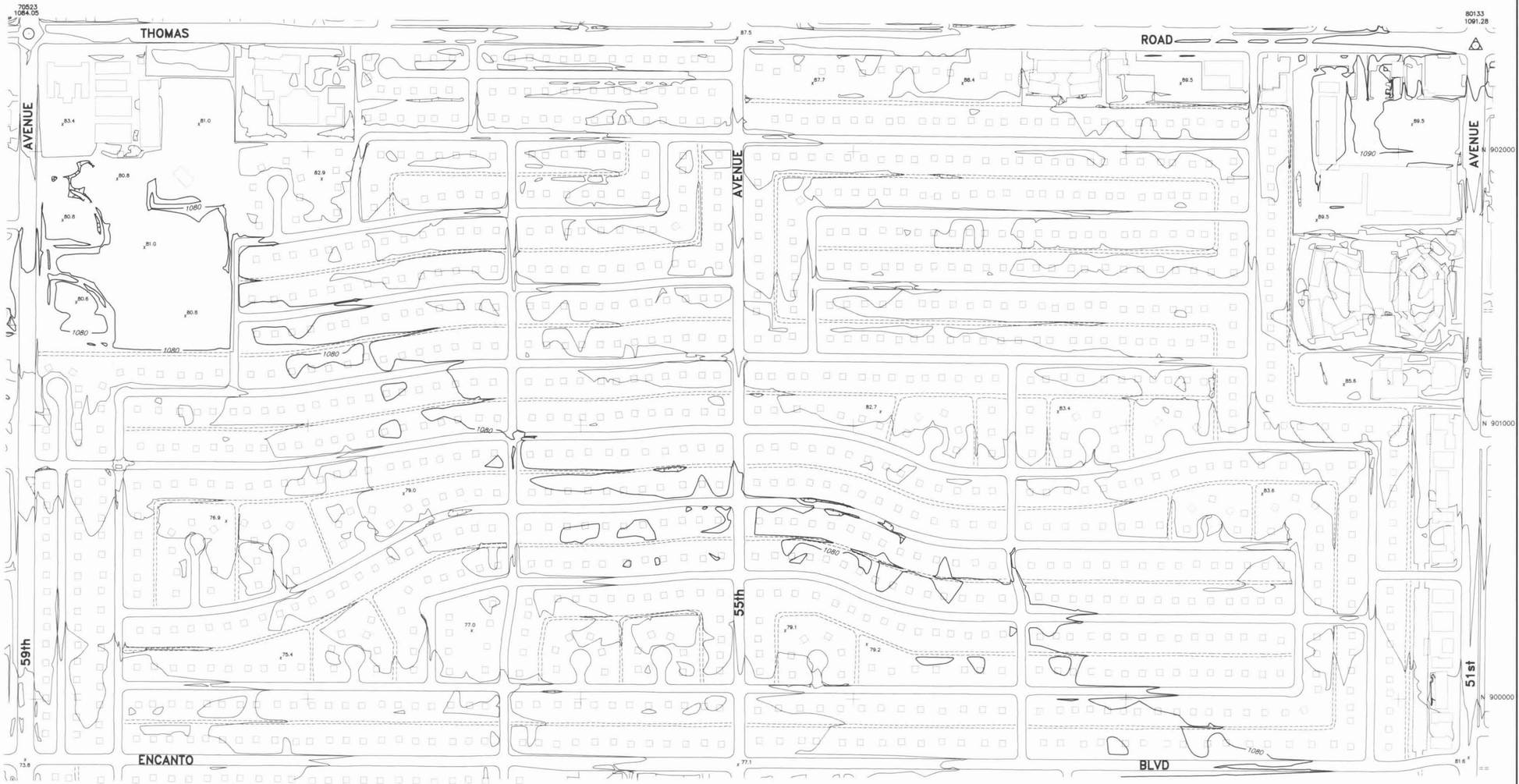
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 183 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

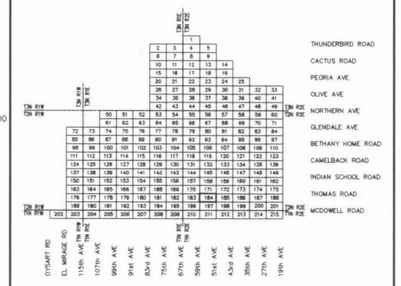
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80133	1091.28	B C H H
70523	1084.03	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

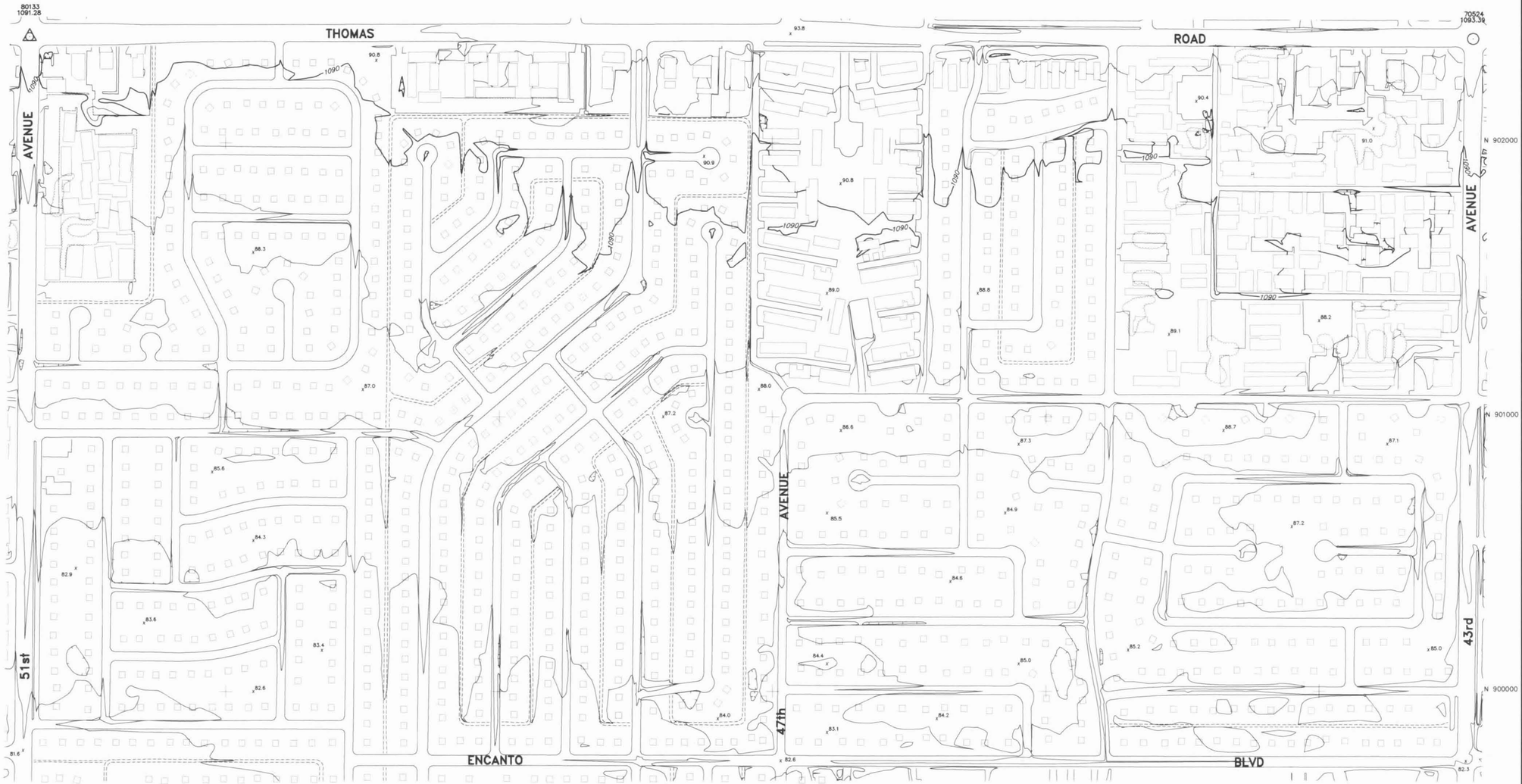
SHEET 184 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

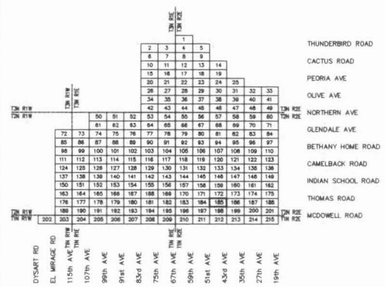
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80133	1091.28	B C H H
70524	1093.39	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 185 OF 215

REGISTERED LAND SURVEYOR
123
ROBERT M. WILLIAMS
6-28-94
ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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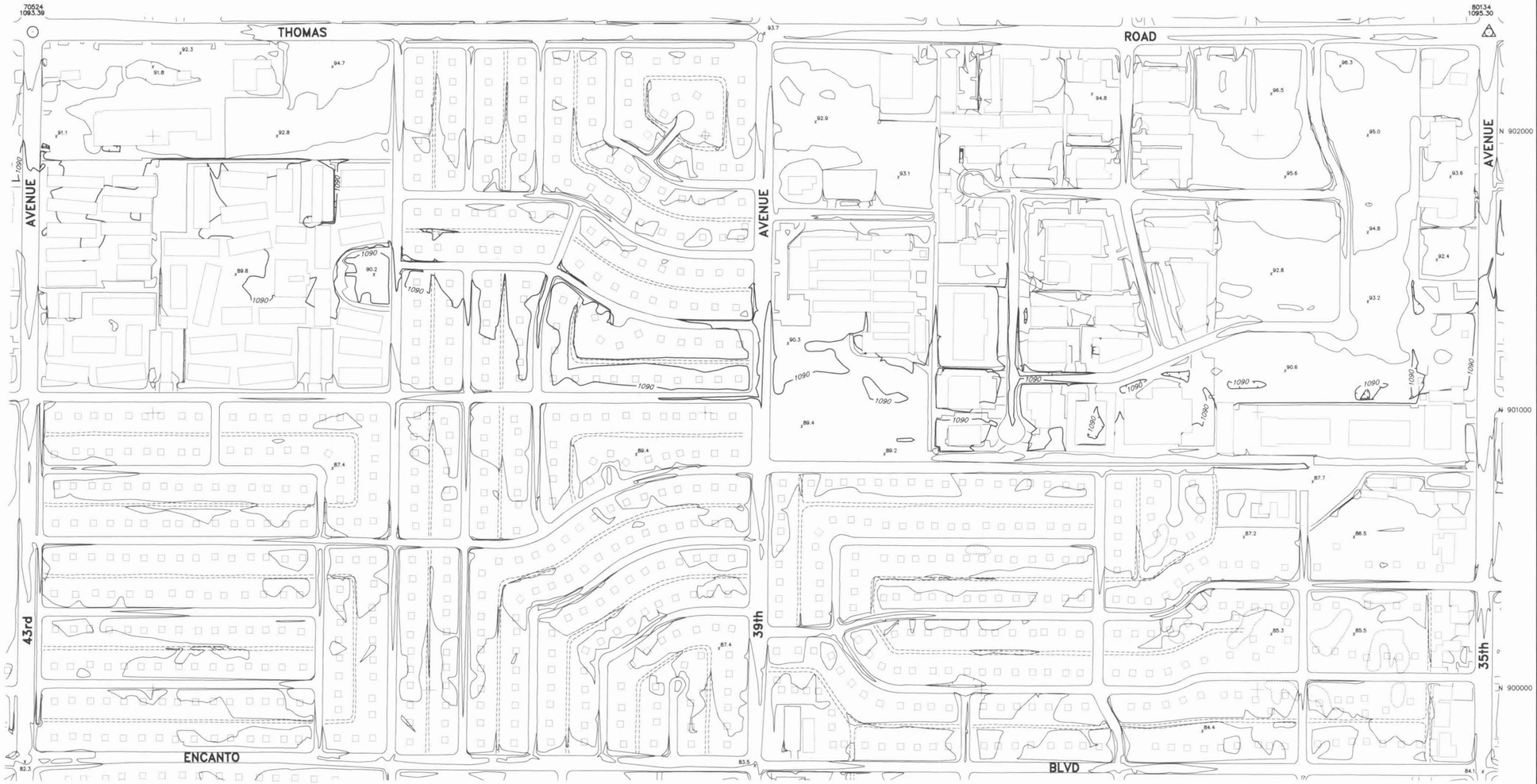


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

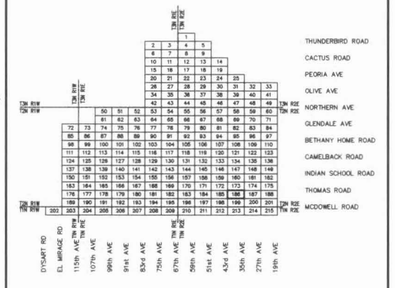
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80134	1095.30	B C H H
70524	1093.39	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	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 186 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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- INTERMEDIATE CONTOUR
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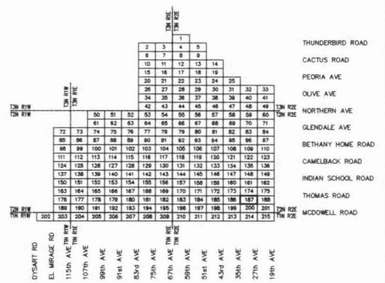
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80134	1095.30	B C H H

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

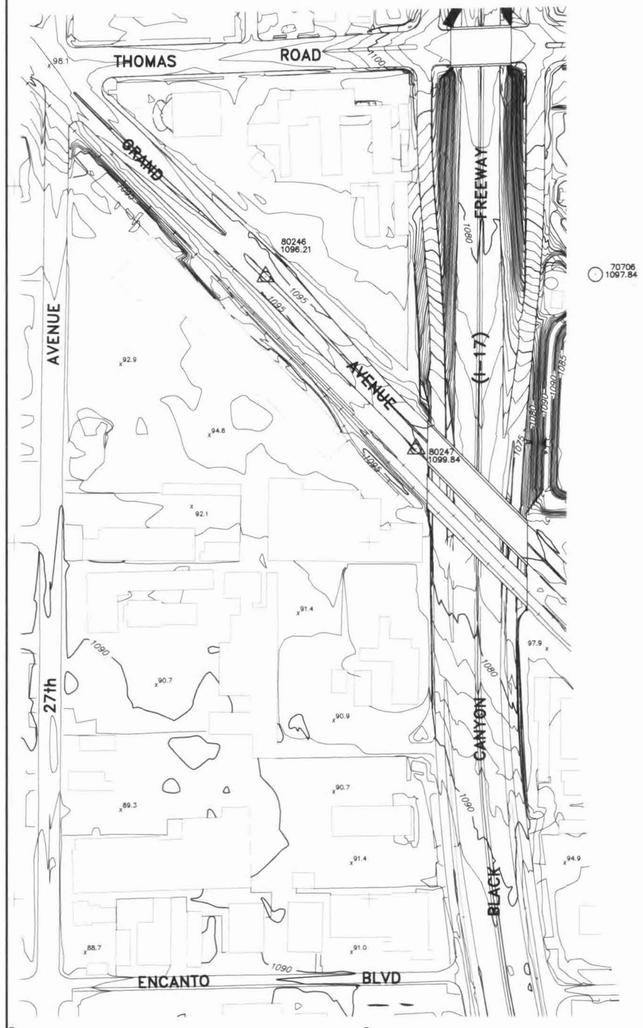
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 187 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

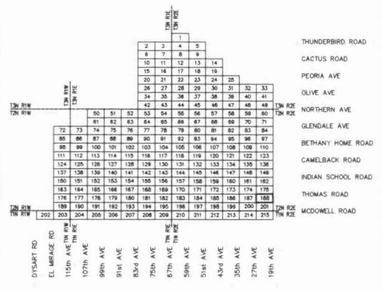
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80246	1096.21	P K NAIL
80247	1099.84	P K NAIL
70706	1097.84	P K NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 1 & 2 FT.

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 188 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE 4123 ROBERT M WILLIAMS ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 1' & 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

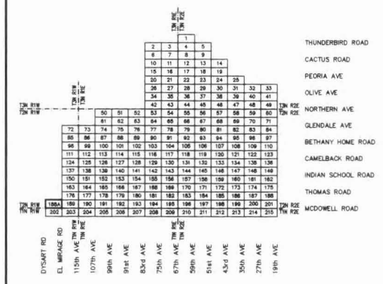
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 188A OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

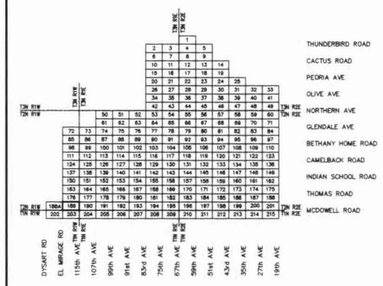
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	--	--
DESIGN CHK.	--	--
PLANS	--	--
PLANS CHK.	--	--

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE:

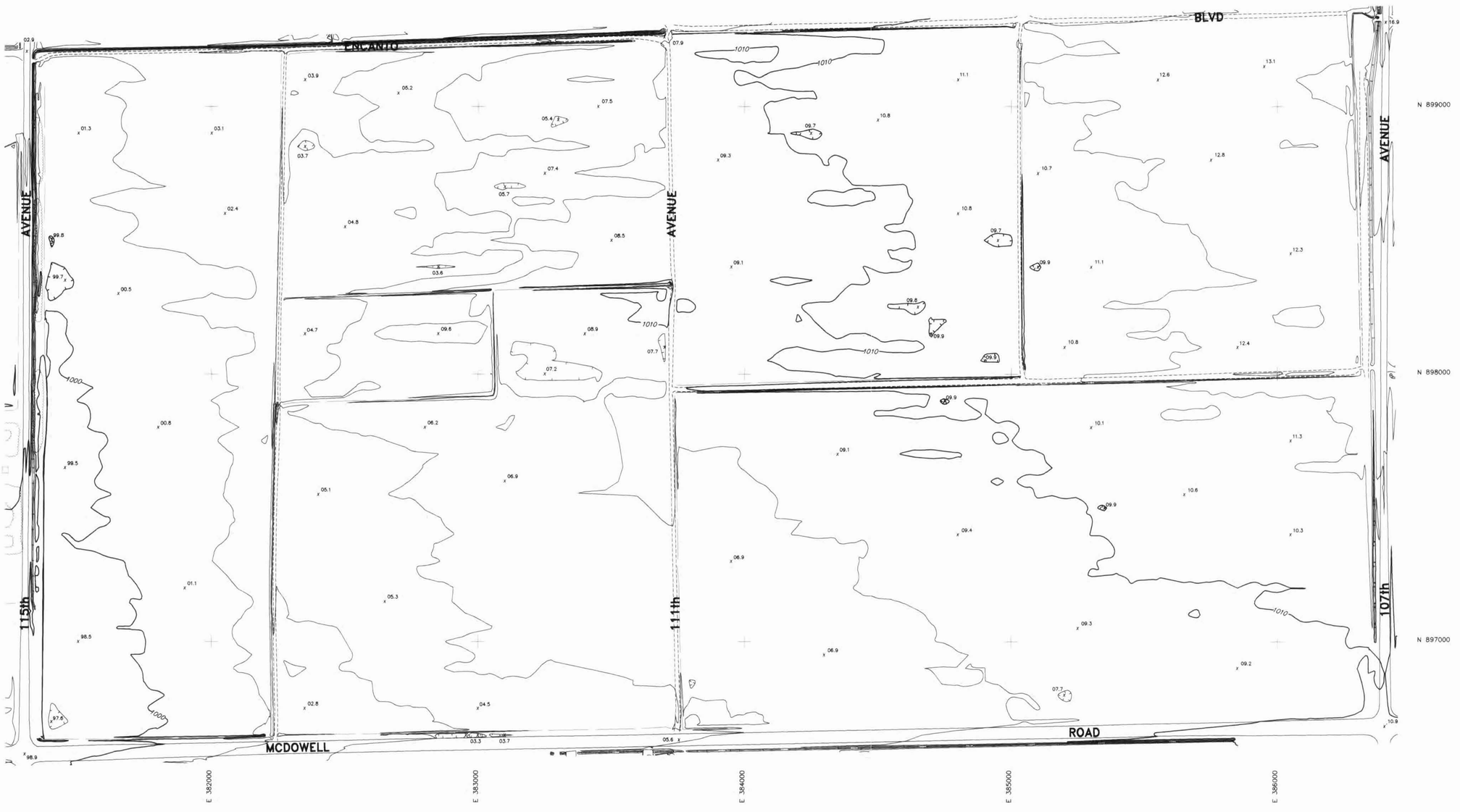
APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 189 OF 215

4123 ROBERT M. WILLIAMS 10-31-93 REGISTERED LAND SURVEYOR ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

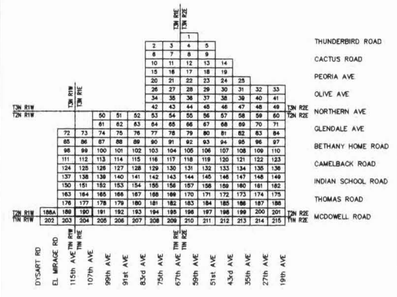
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 190 OF 215

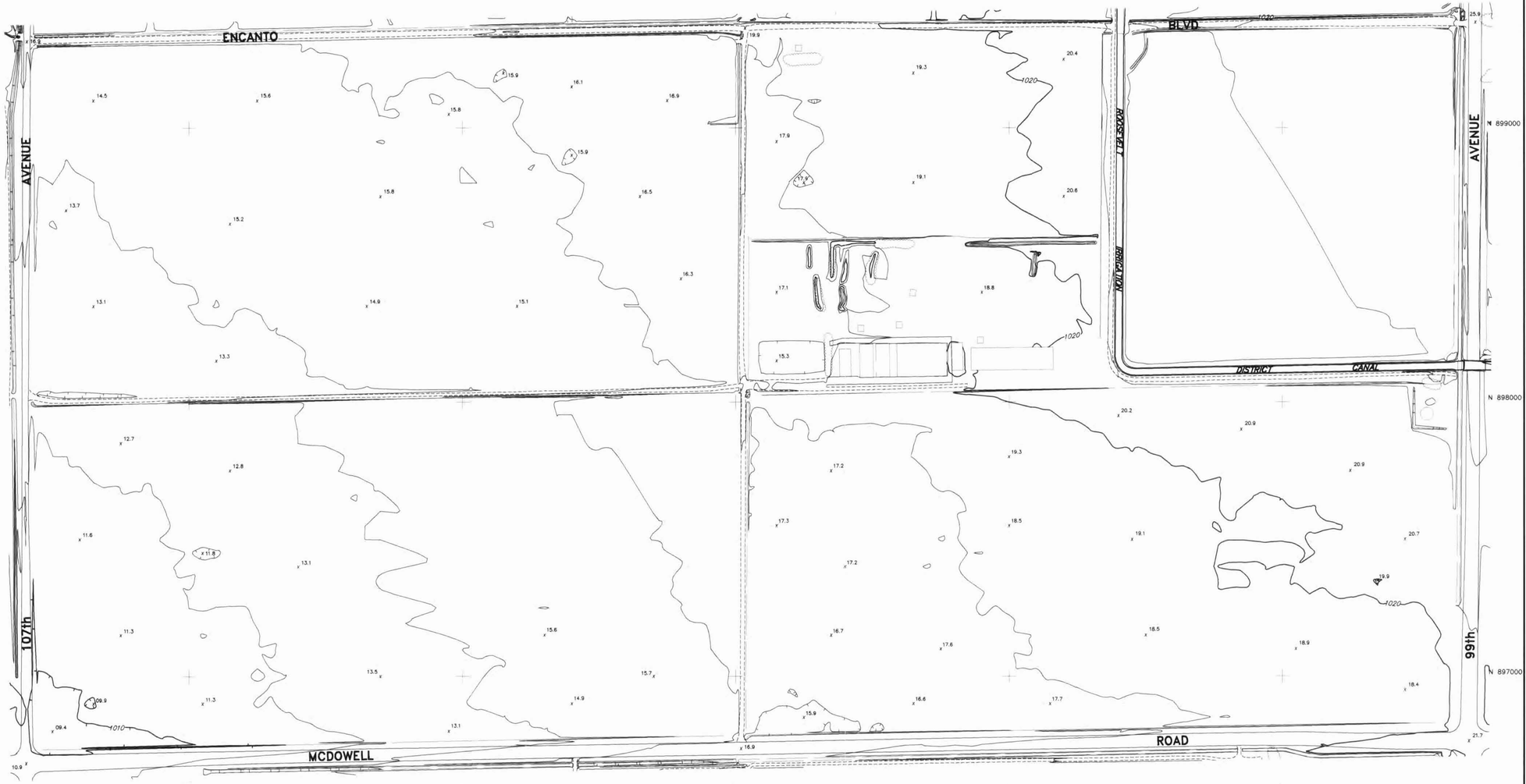
REGISTERED LAND SURVEYOR CERTIFICATE 4123 ROBERT M. WILLIAMS 10-3-97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

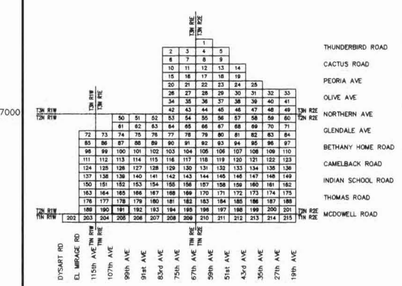
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 191 OF 215

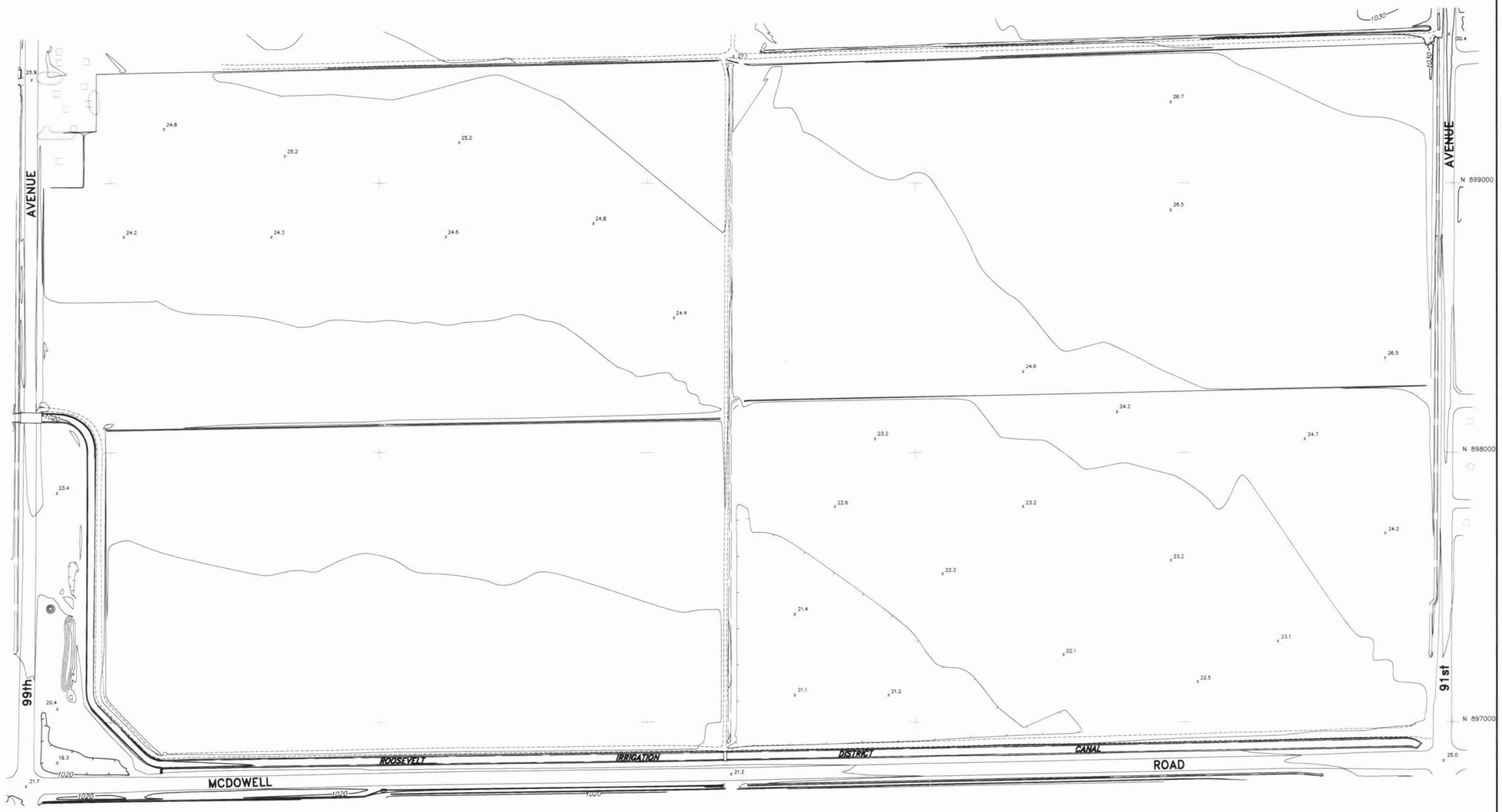
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
10-3-94

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

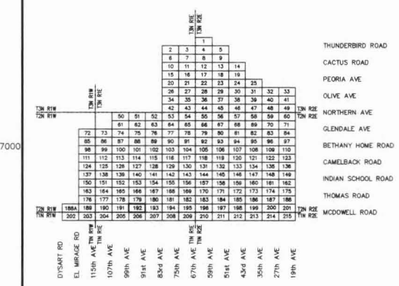
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 192 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
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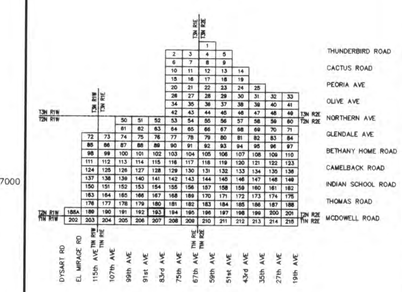
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

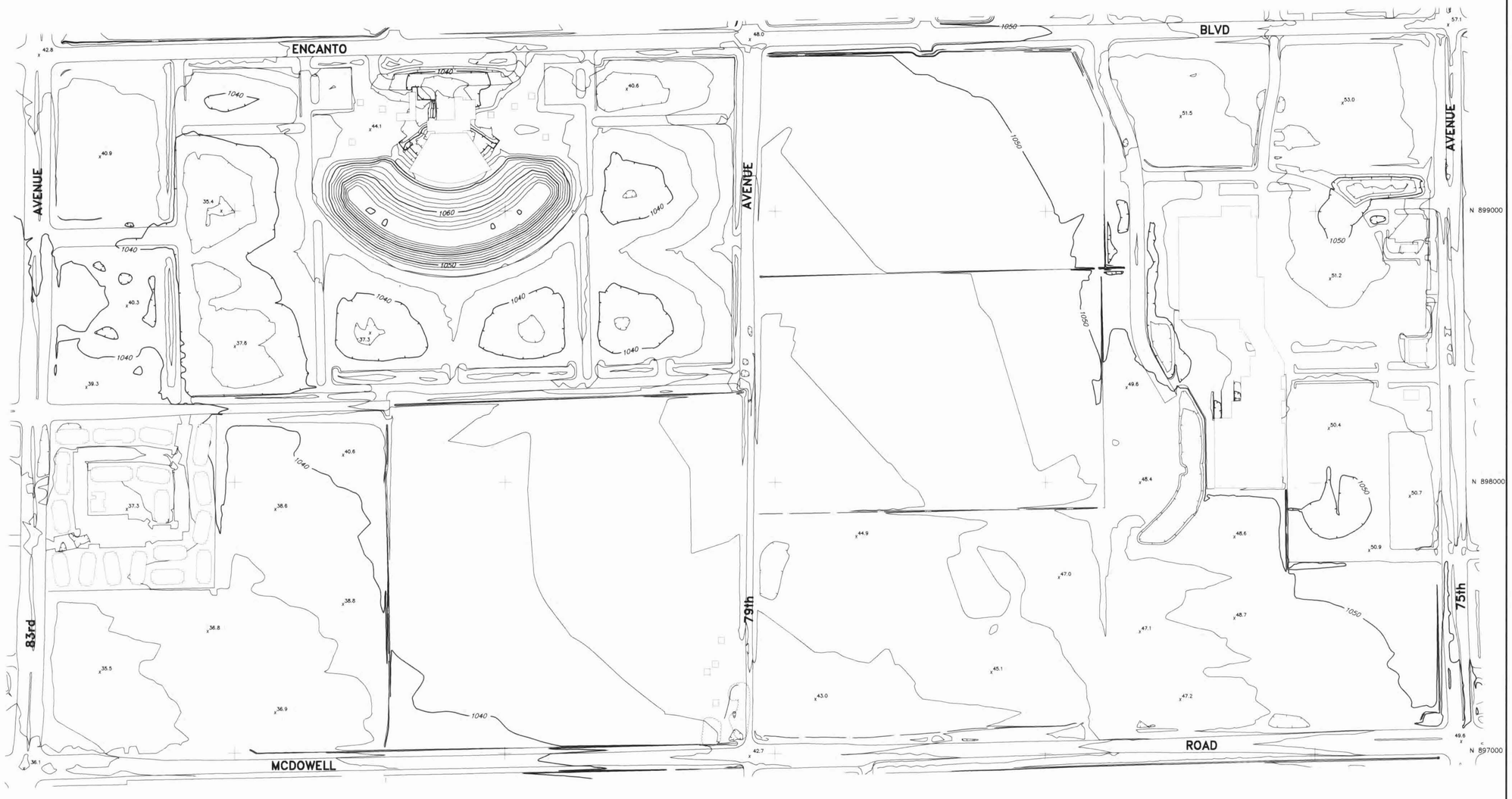
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 193 OF 215

4123 ROBERT M. WILLIAMS 9-21-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

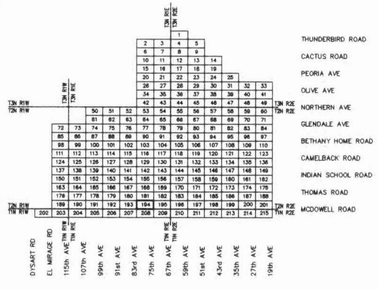
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 194 OF 215

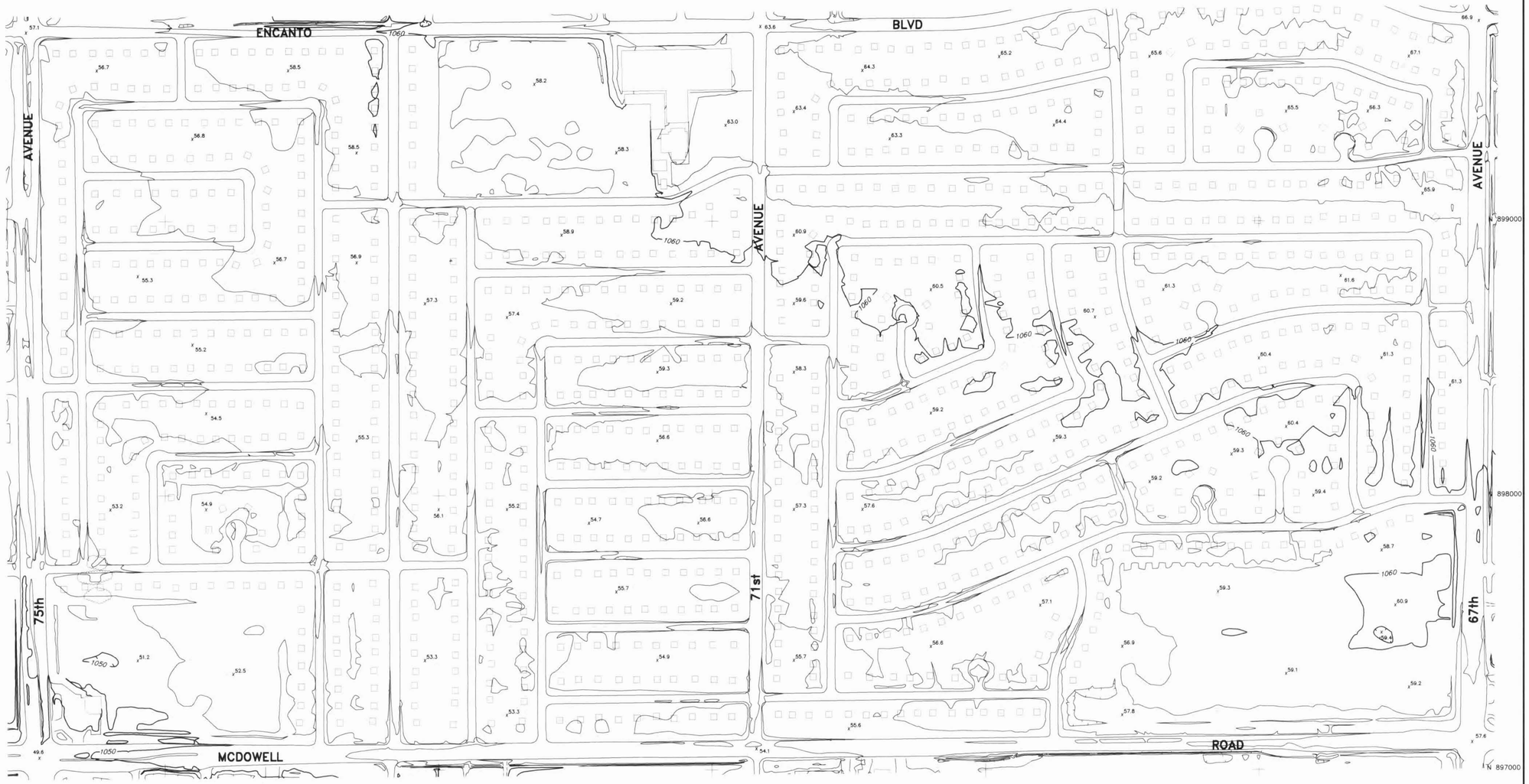
REGISTERED LAND SURVEYOR
123
ROBERT M. WILLIAMS
9223
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY.
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

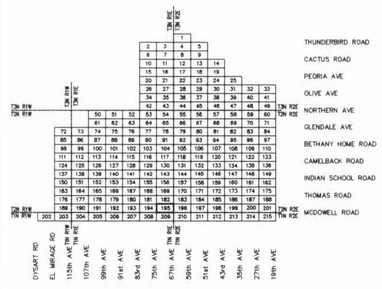
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 195 OF 215

REGISTERED LAND SURVEYOR 4123 ROBERT M. WILLIAMS CERTIFICATE NO. 9-21-95

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS. 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI--HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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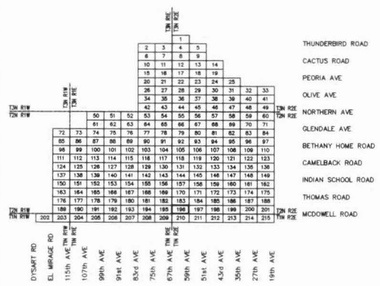
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

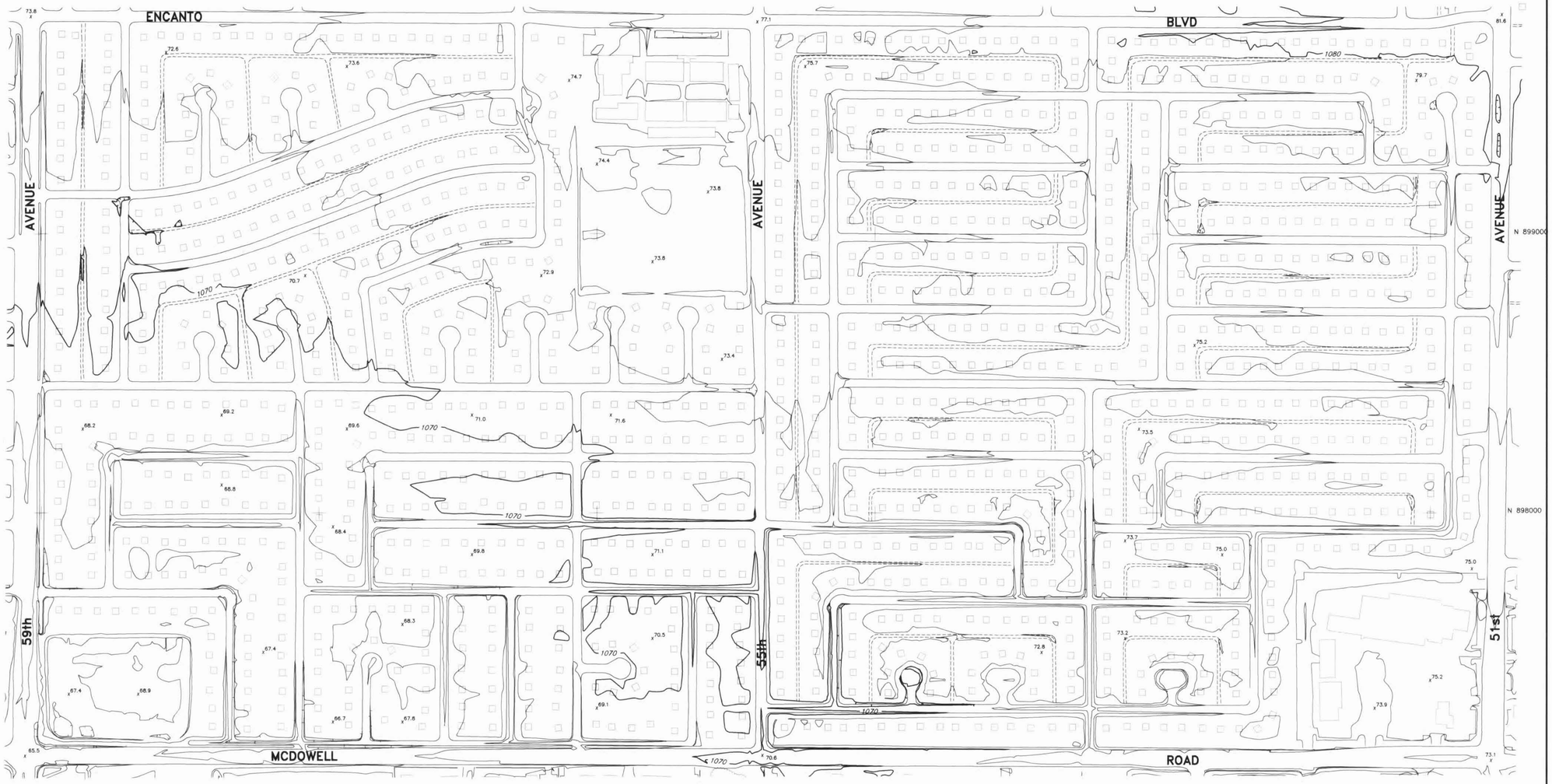
RECOMMENDED BY: DATE:

APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 196 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

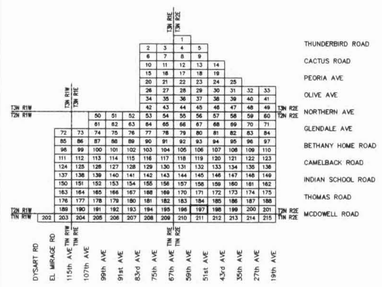
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

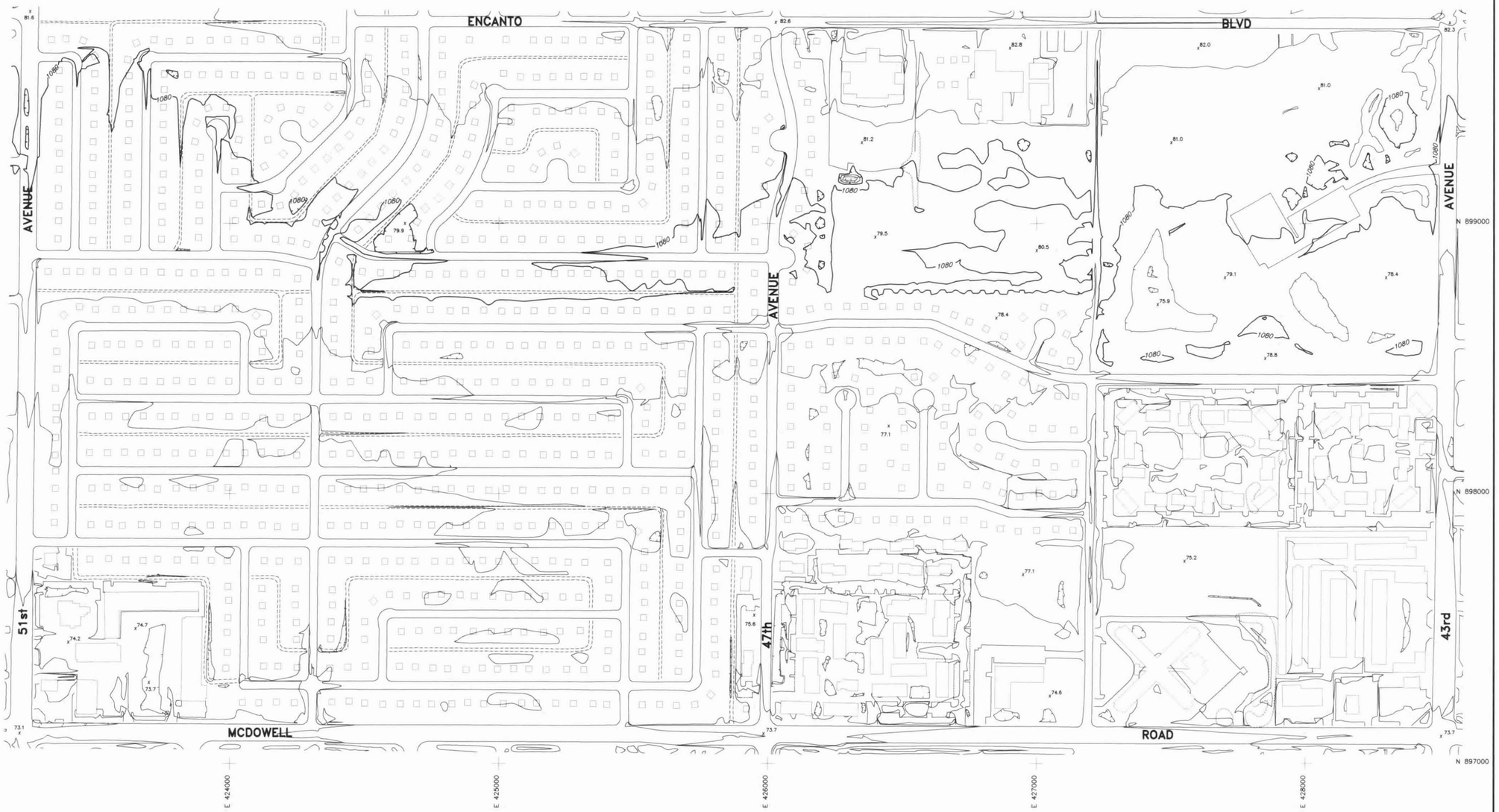
RECOMMENDED BY: DATE:

APPROVED BY: DATE:

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 197 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

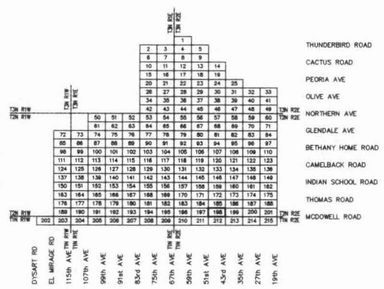
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

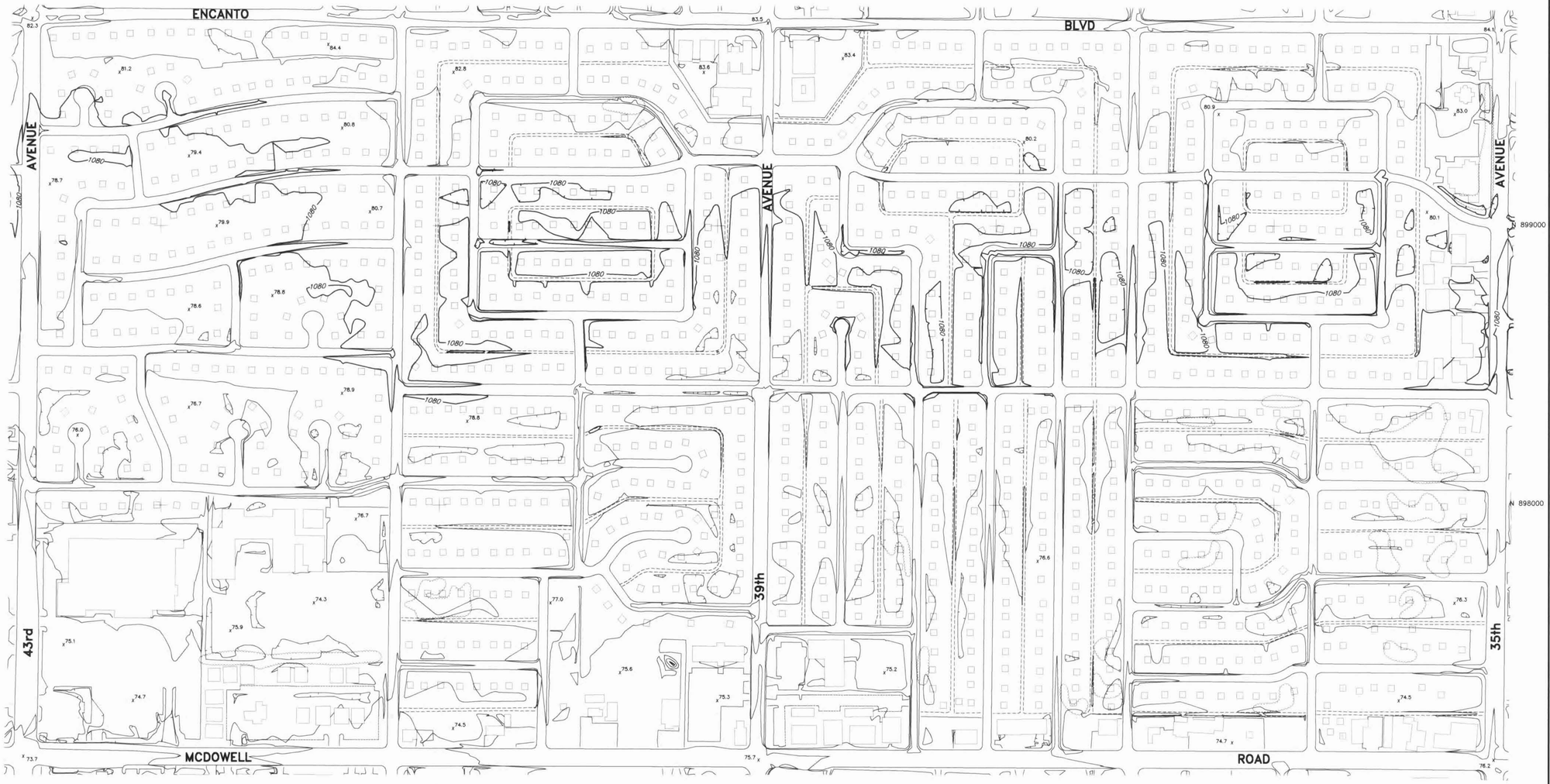
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 198 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
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- TREE LINE
- SPOT ELEVATION
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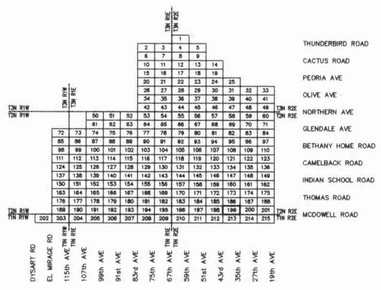
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 199 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

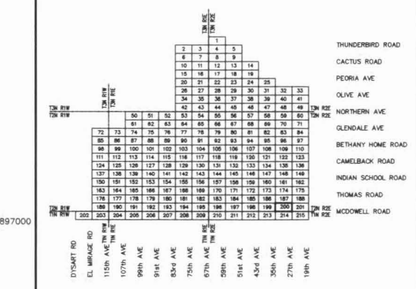
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 200 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 8-25-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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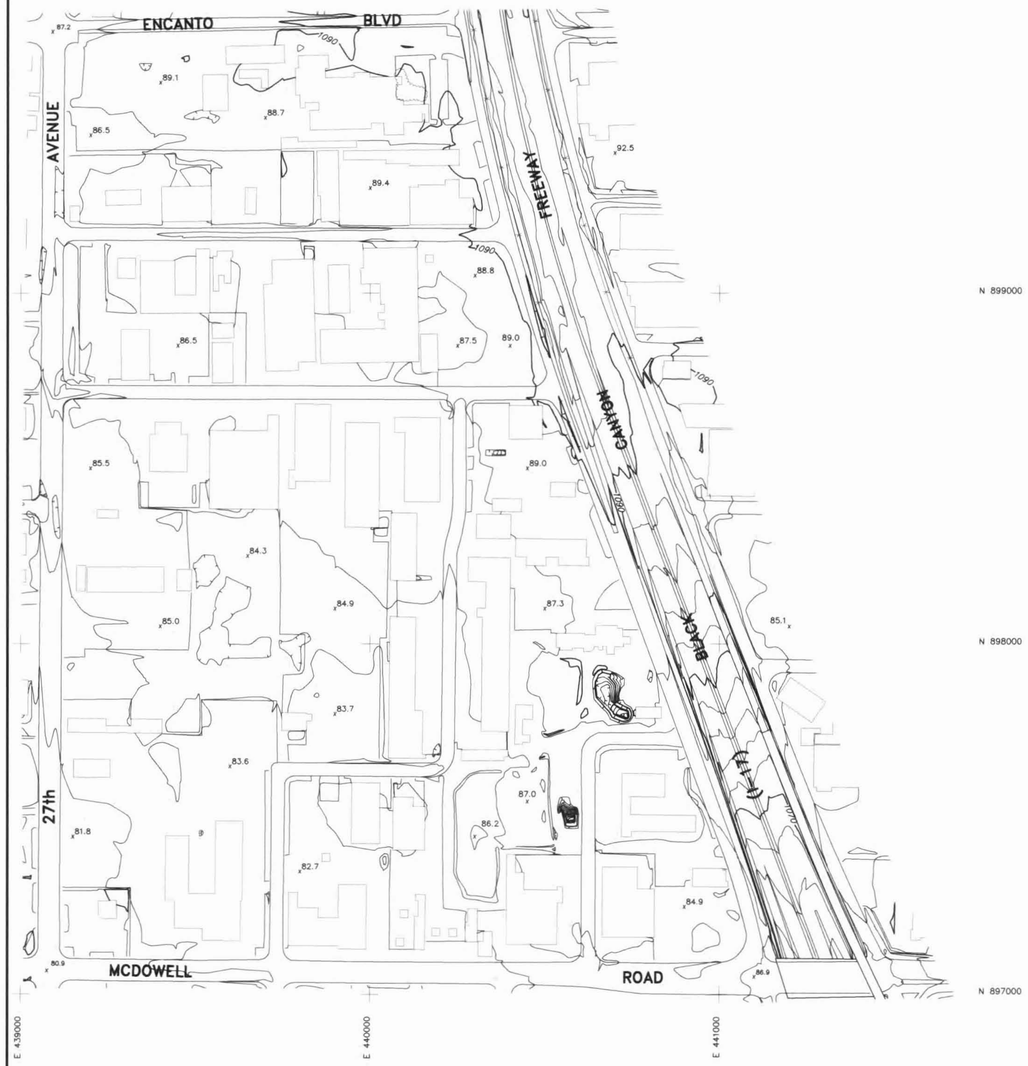

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
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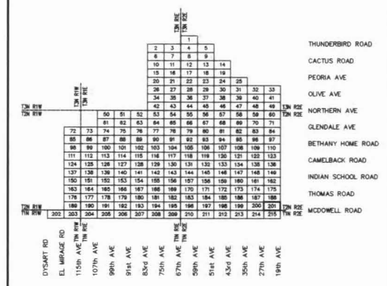
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 201 OF 215

REGISTERED LAND SURVEYOR CERTIFICATE NO. 4123 ROBERT M. WILLIAMS 9-28-93 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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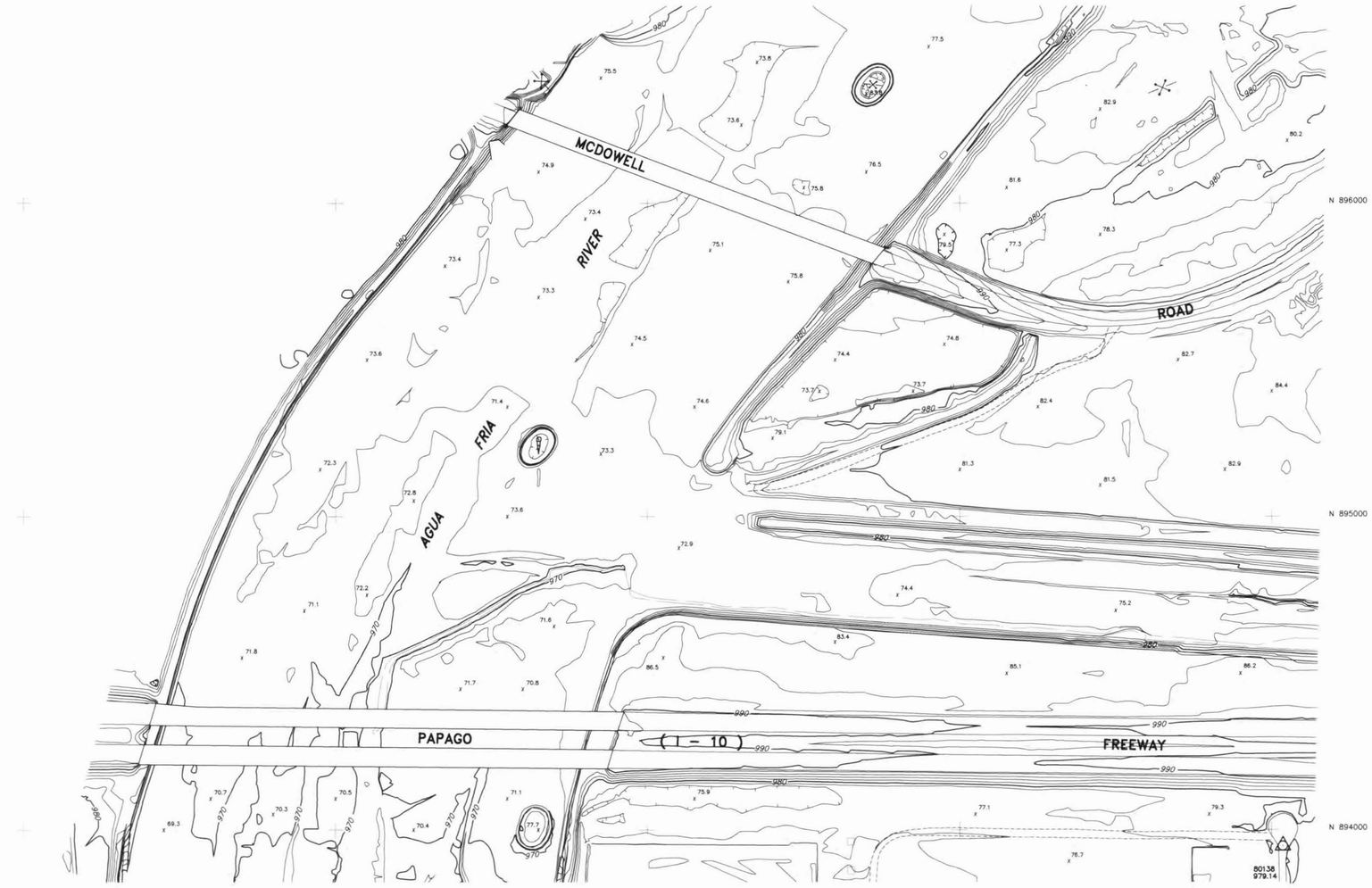
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
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- HIDDEN CURB
- RAILROAD
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- TREE LINE
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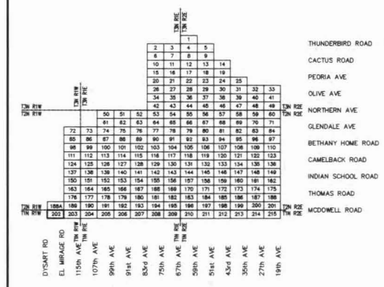
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80138	979.14	1/2" REBAR IN PHOLE 979.05

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 202 OF 215

4123 ROBERT M. WILLIAMS

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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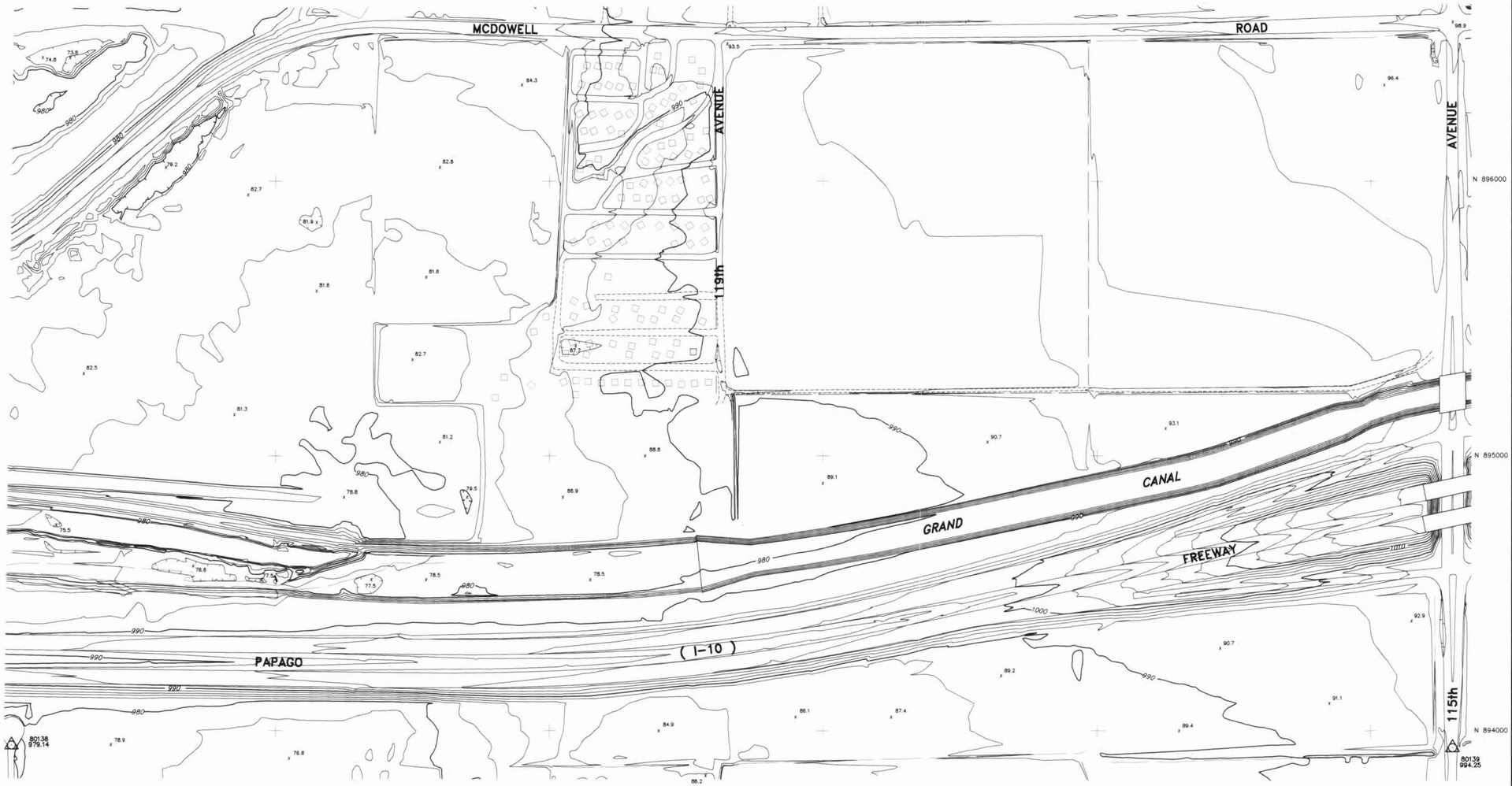


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

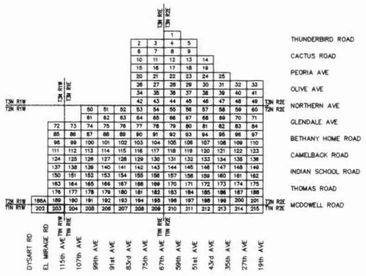
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80139	994.25	B C H H
80138	979.14	1/2" REBAR IN PHOLE 979.05

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	--	--
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PLANS	--	--
PLANS CHK.	--	--

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 203 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

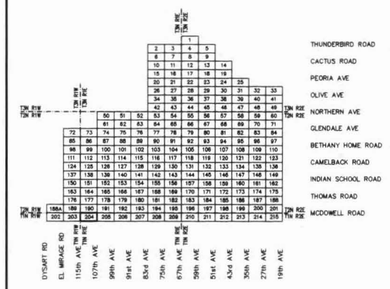
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70526	1009.43	BRASS CAP
80139	994.25	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

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

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE:

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 204 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

MCDOWELL ROAD

AVENUE

AVENUE

PAPAGO FREEWAY (I - 10)

107th AVENUE

99th AVENUE

ROOSEVELT STREET

N 896000

N 895000

N 894000

E 387000

E 388000

E 389000

E 390000

E 391000

70526
1009.43

80140
1014.32

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
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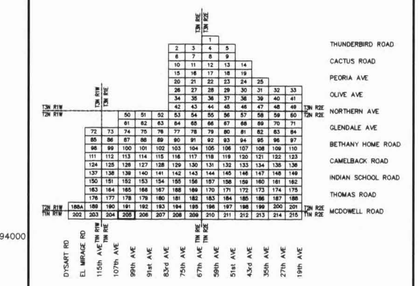
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80140	1013.82	BCHH
70526	1009.43	BRASS CAP

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE: MARCH 28,1994

	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 205 OF 215

4123 ROBERT M WILLIAMS 10-3-95 REGISTERED LAND SURVEYOR

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
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- INTERMEDIATE CONTOUR
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- WASH/ DRAINAGE/WATERLINE
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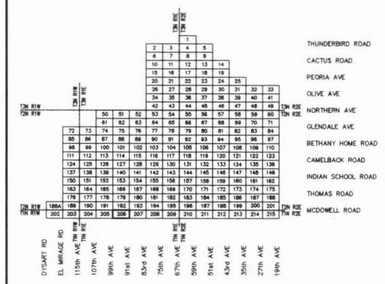
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80140	1013.82	BCHH

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 206 OF 215

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

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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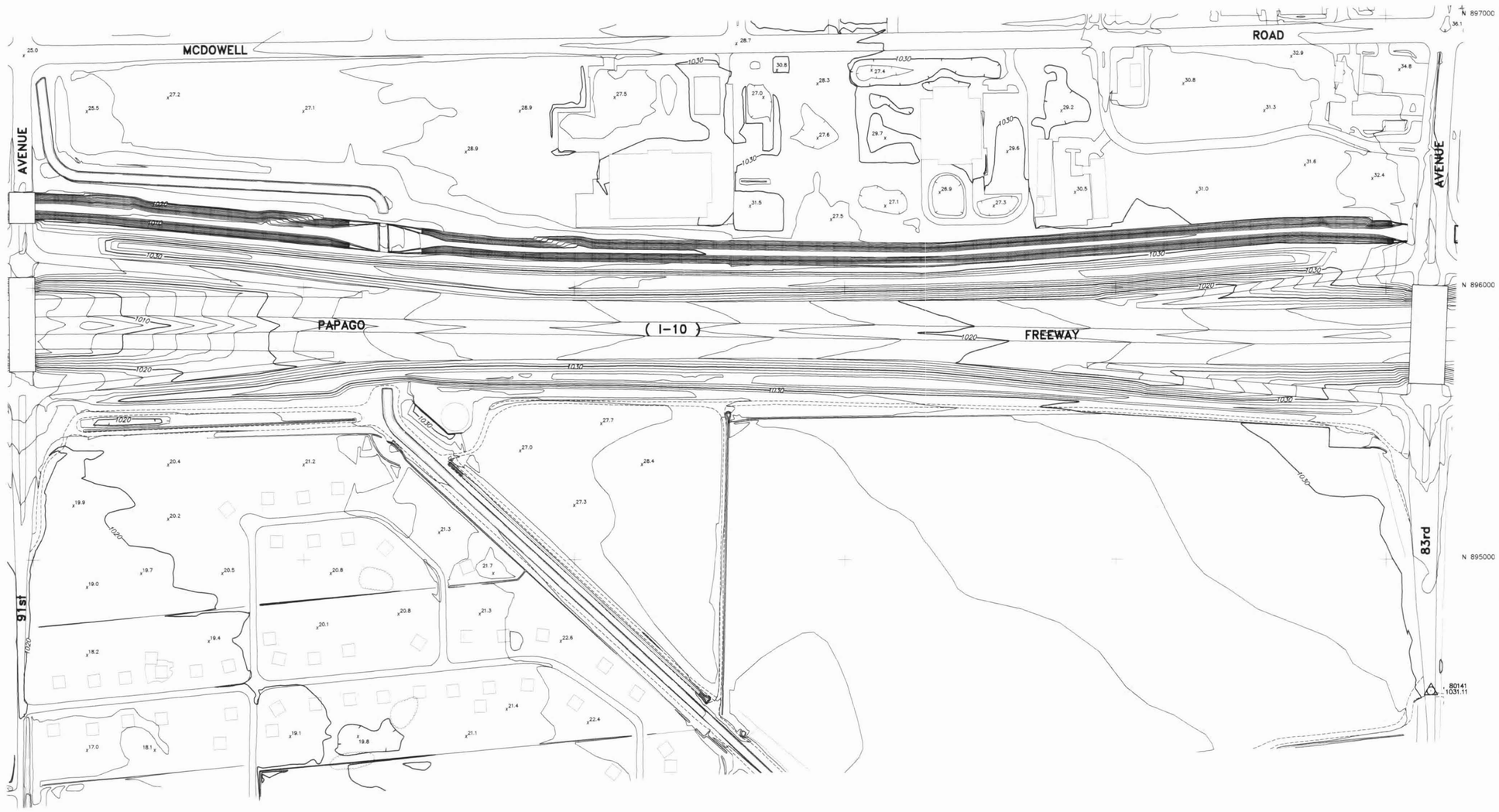

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
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- HIDDEN CURB
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- INTERMEDIATE CONTOUR
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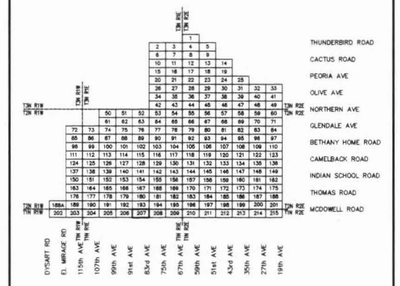
- TREE LINE
- SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80141	1031.11	PK NAIL

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 207 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

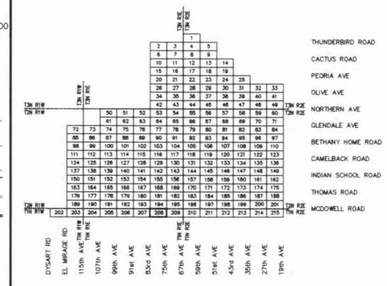
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80141	1031.11	P K NAIL
70528	1039.91	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN	--	--
DESIGN CHK.	--	--
PLANS	--	--
PLANS CHK.	--	--

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

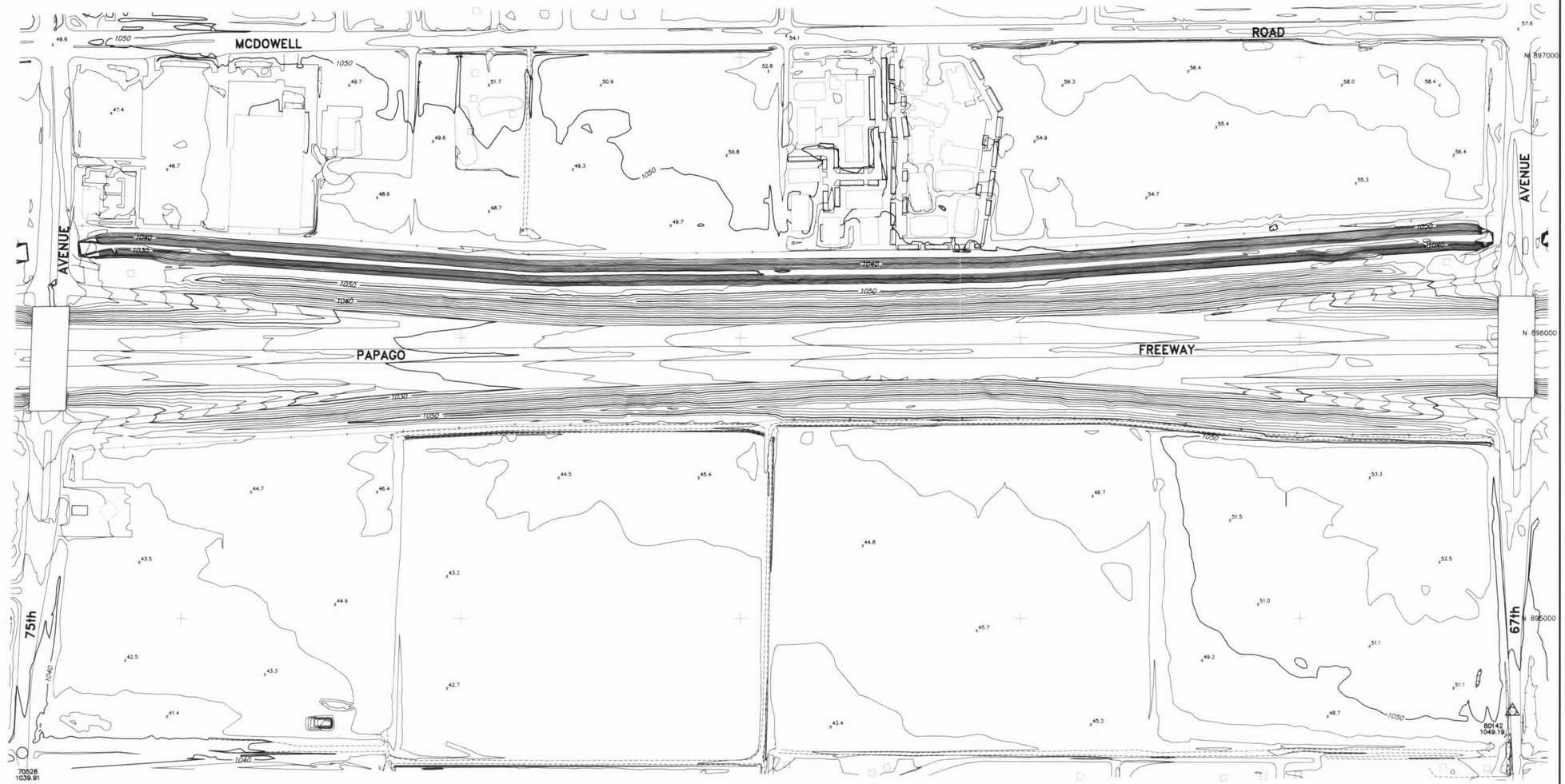
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 208 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

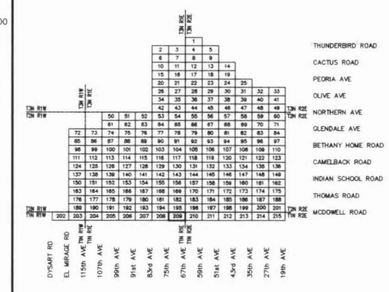
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80142	1049.32	P K NAIL
70528	1039.91	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

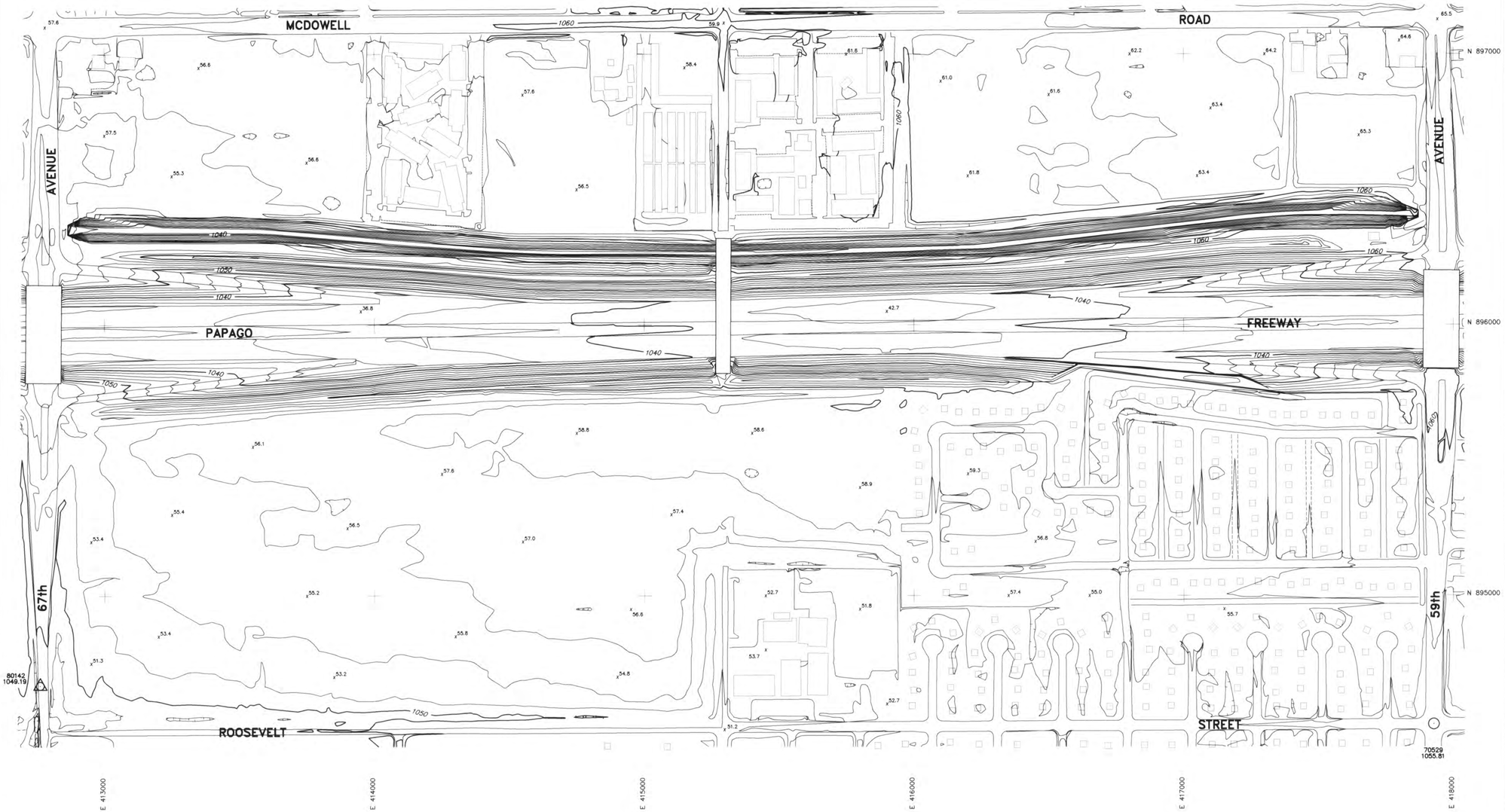
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 209 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

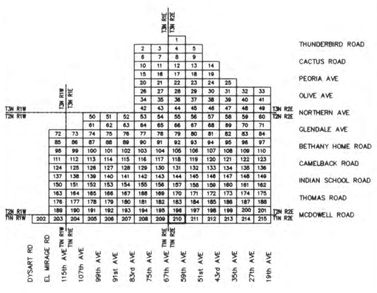
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80142	1049.32	P K NAIL
70529	1055.81	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

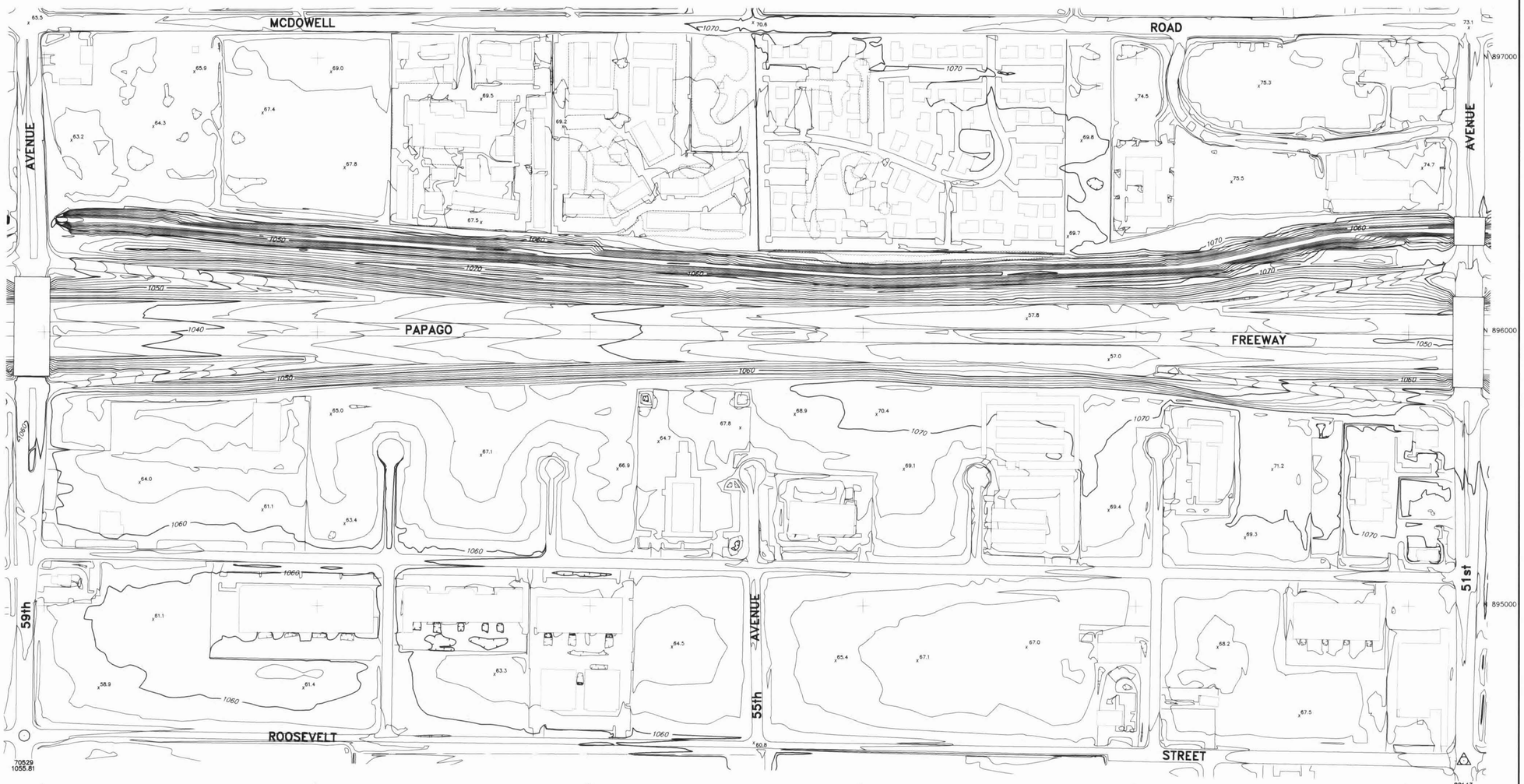
APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 210 OF 215

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
3-28-97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY: KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

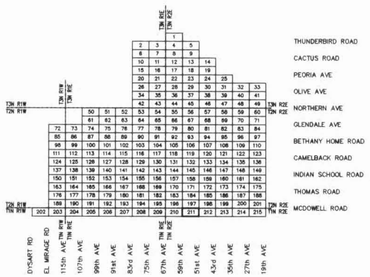
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80143	1066.81	BRASS CAP
70529	1055.81	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 211 OF 215

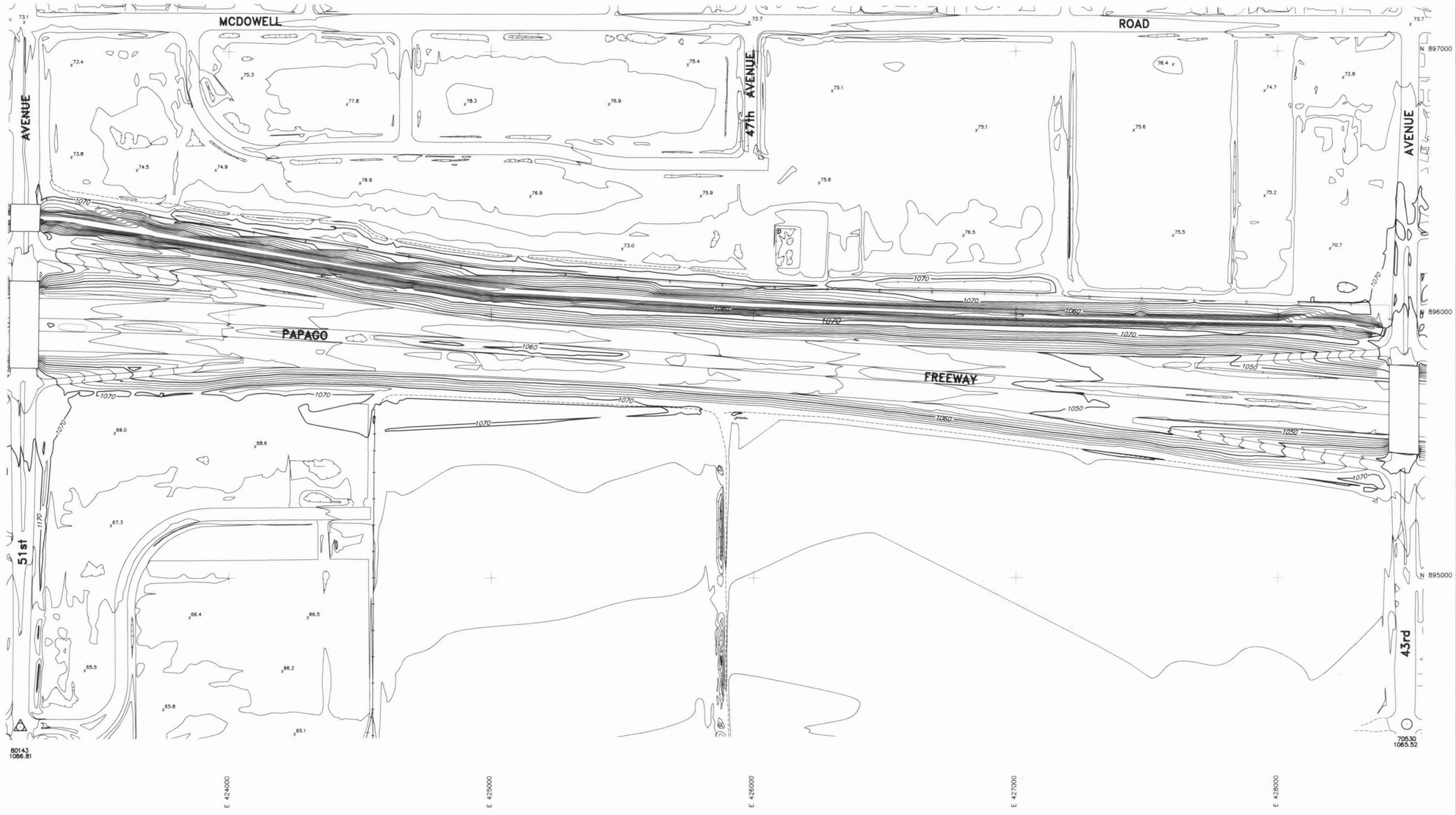
REGISTERED LAND SURVEYOR 4123 ROBERT M. ADAMS 6-28-94 ARIZONA, U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

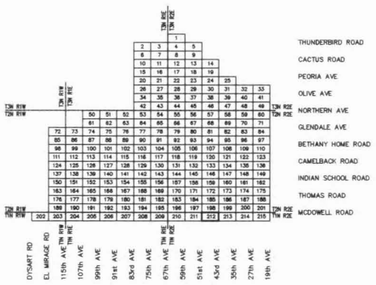
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80143	1066.81	BRASS CAP
70530	1065.52	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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 212 OF 215

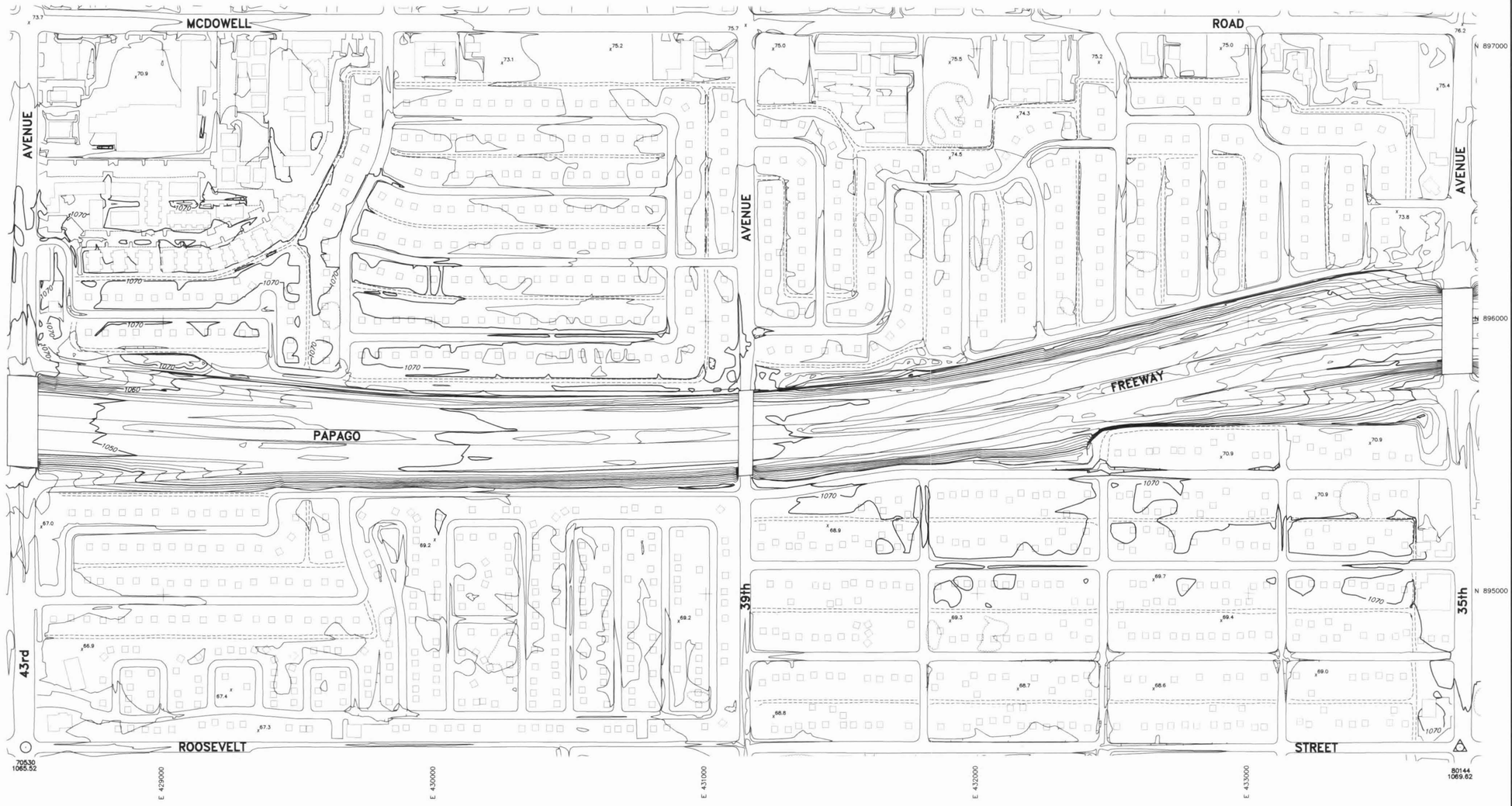
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
4123
ROBERT M. WILLIAMS
8-7-96
ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

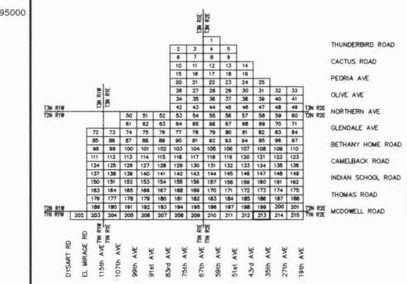
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80144	1069.62	B C H H
70530	1065.52	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

	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

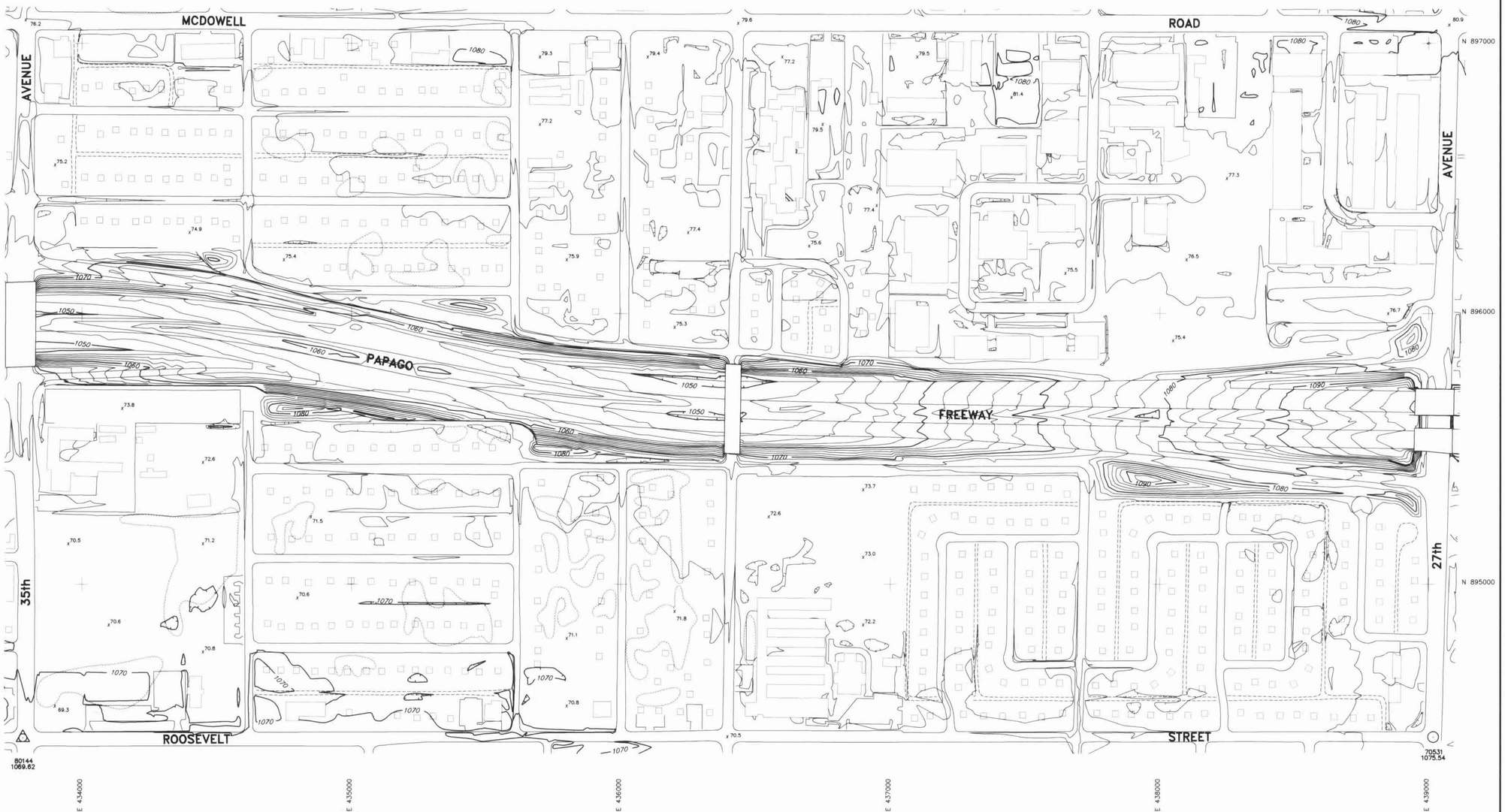
SHEET 213 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
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- INTERMEDIATE CONTOUR
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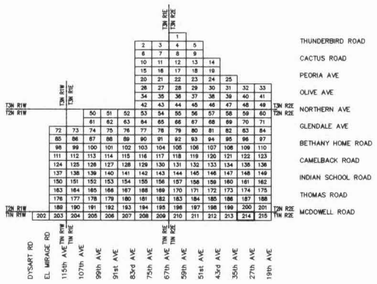
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80144	1069.62	B C H H
70531	1075.54	B C H H

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE MARCH 28,1994

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PLANS CHK.		

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 214 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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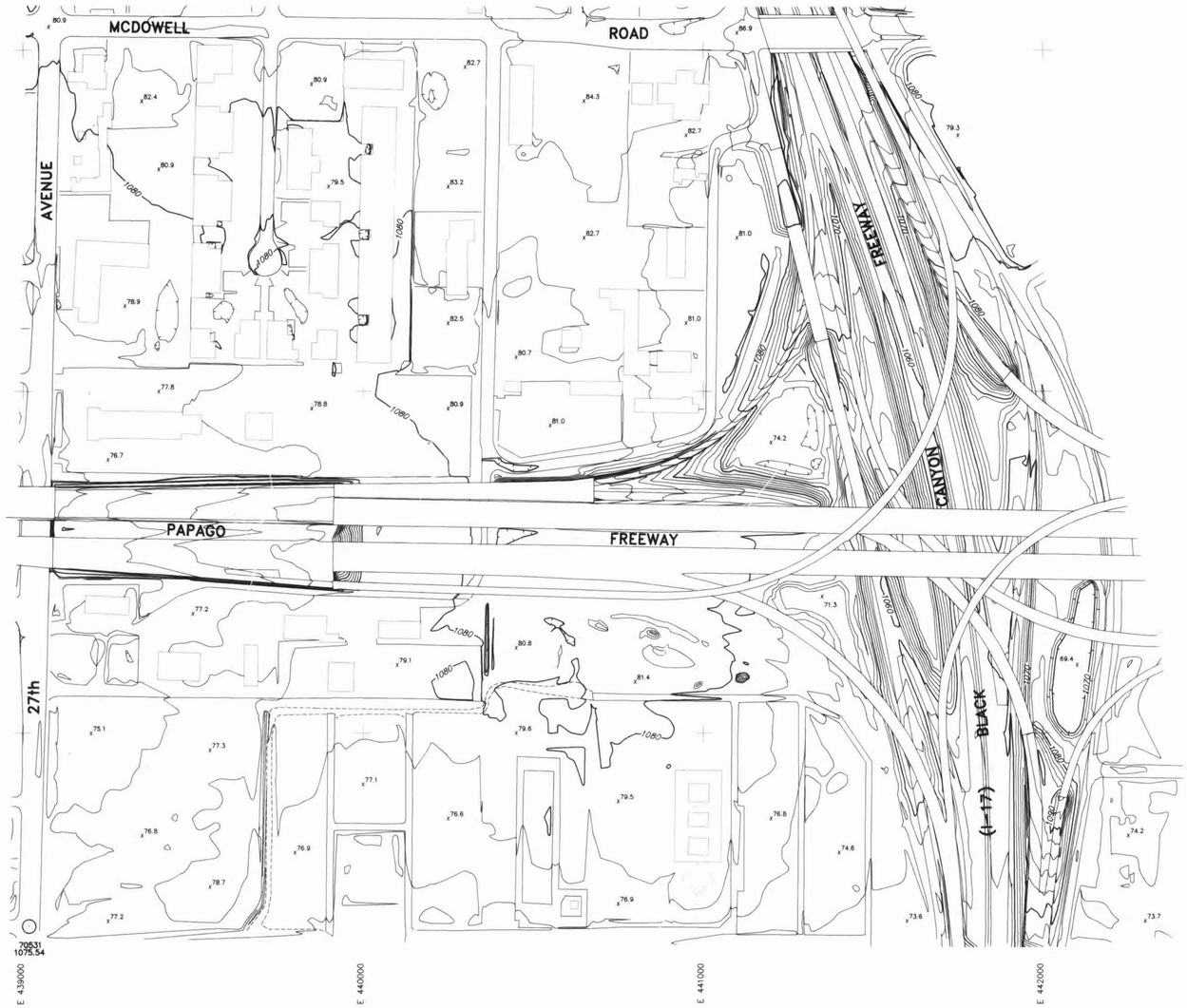


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

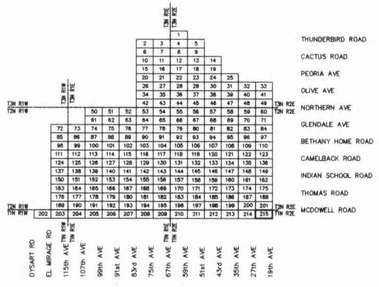
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
70531	1075.54	B C H H

INDEX MAP



N

0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 215 OF 215

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

MARYVALE ADMS/PHOTO MYLARS

KENNEY AERIAL MAPPING

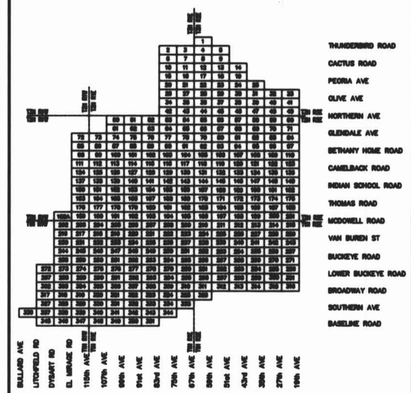
1993 FCD 93-33

Sheets 214-319

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 21, 1994

	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

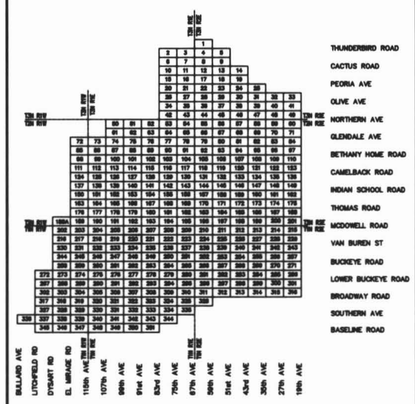
SHEET 219 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	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

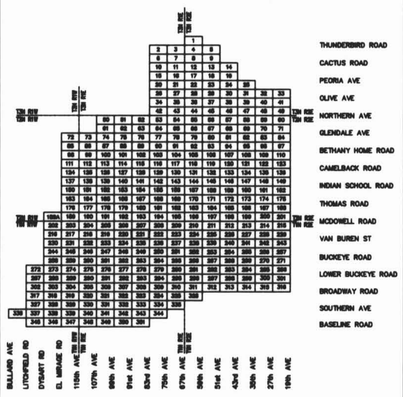
SHEET 220 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	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 221 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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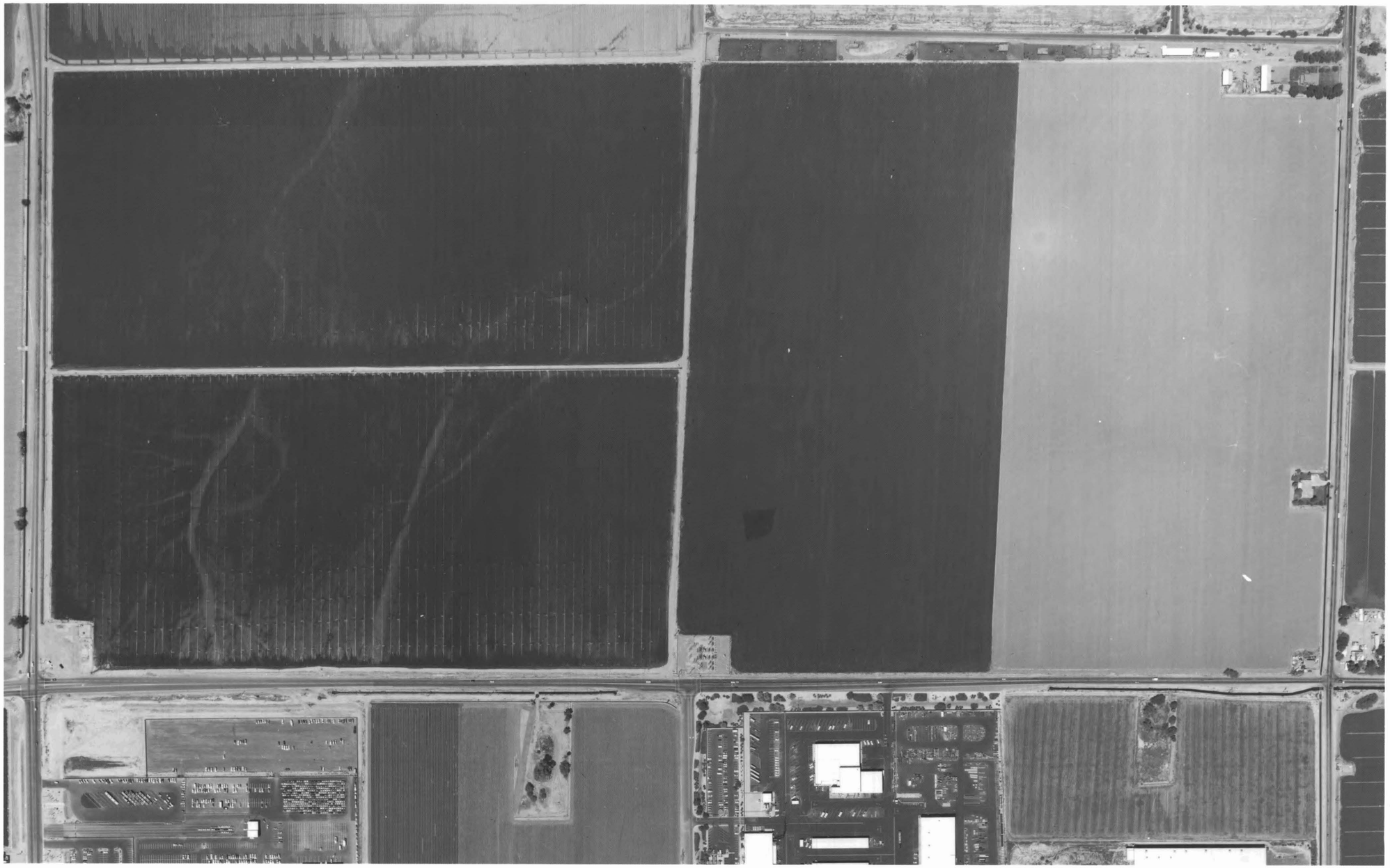
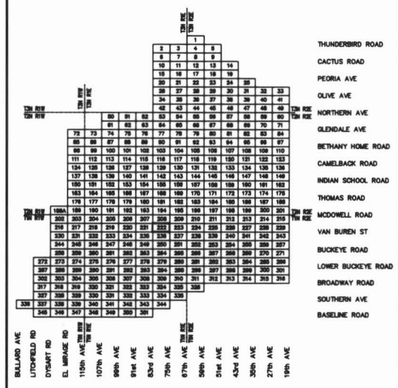
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	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

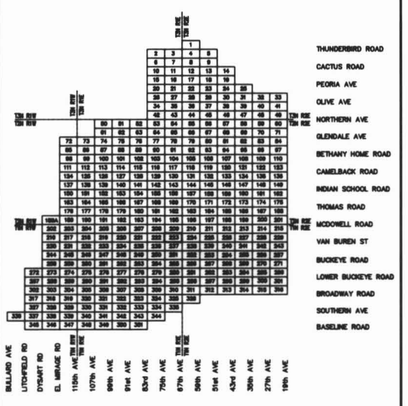
SHEET **222** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

	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 **223** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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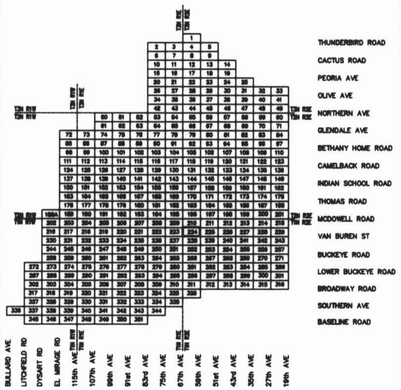
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **224** OF **351**

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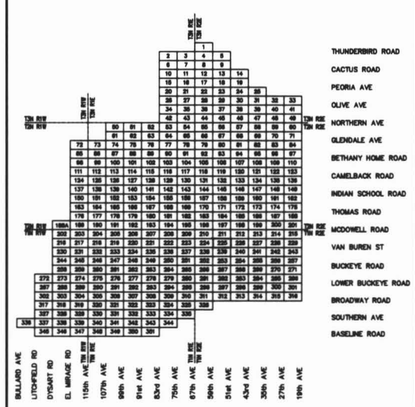
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **225** OF 351

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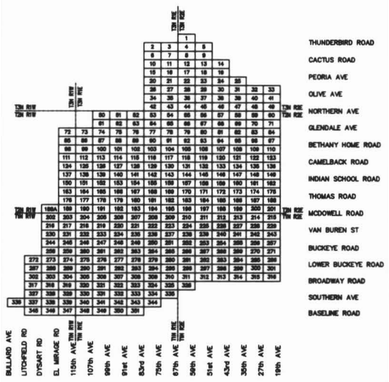
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **226** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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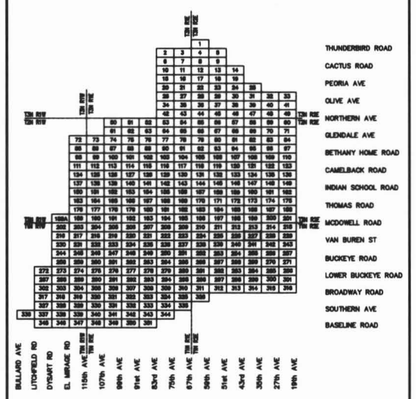
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **227** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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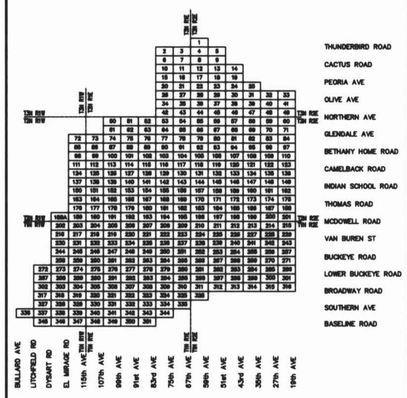

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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PLANS		
PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE

APPROVED BY: _____ DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET **228** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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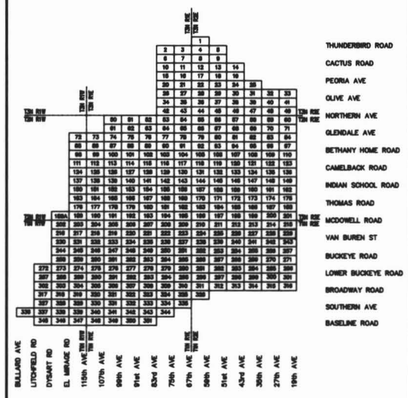

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 229 OF 351

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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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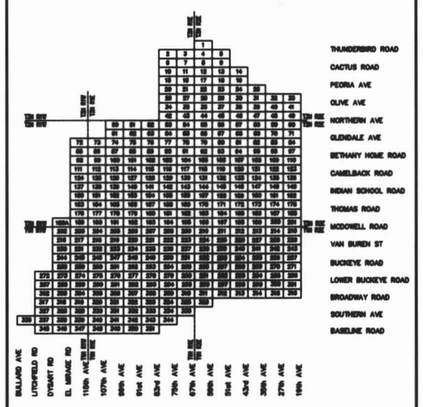

N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 21,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 233 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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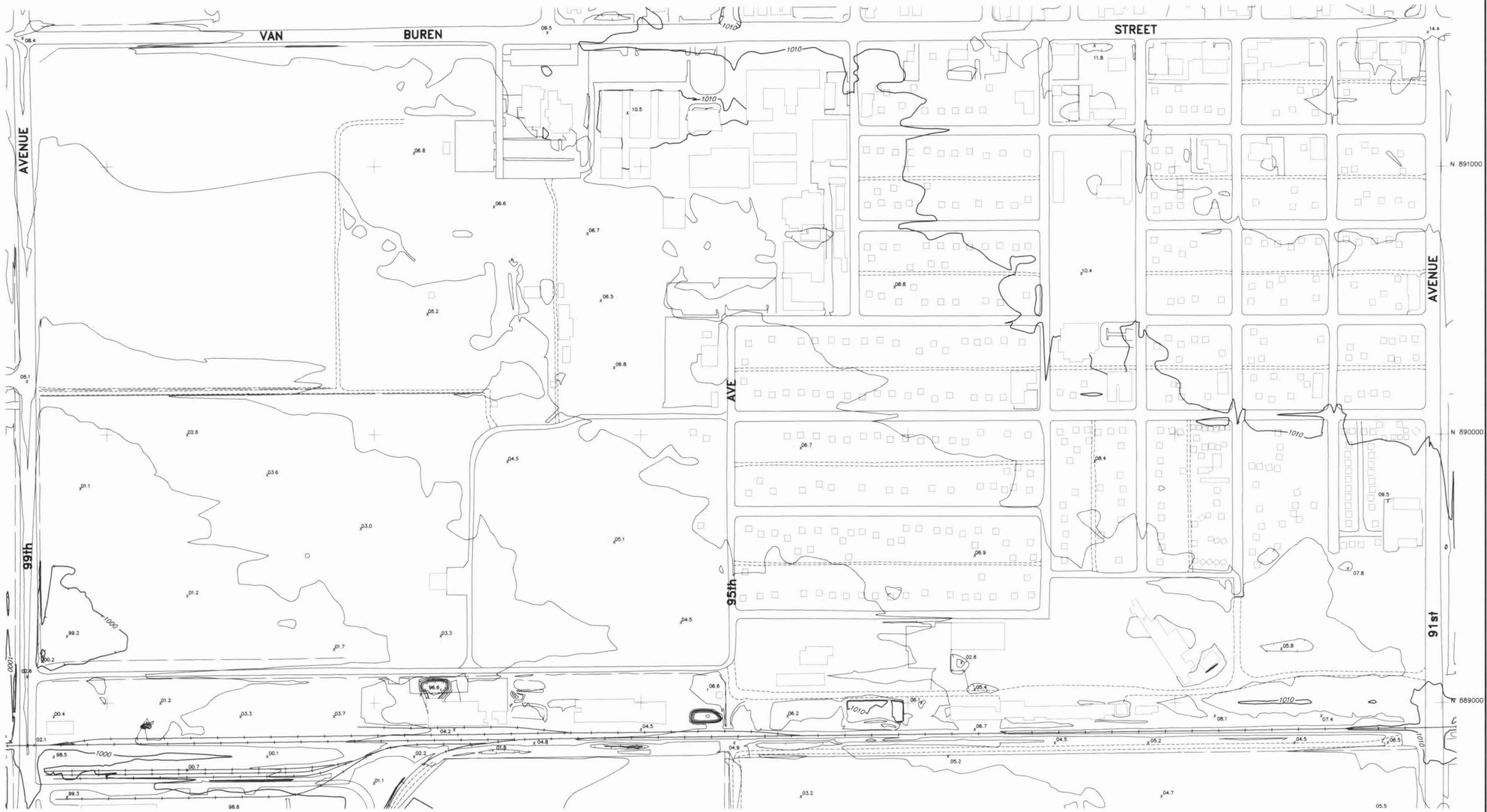
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS. LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

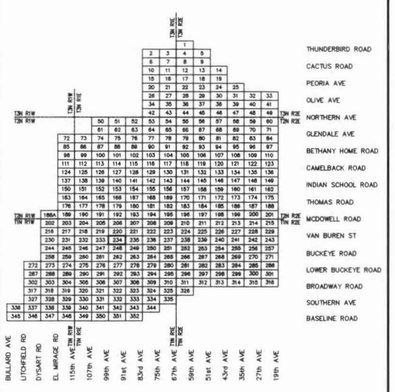
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- x 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

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

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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 234 OF 352

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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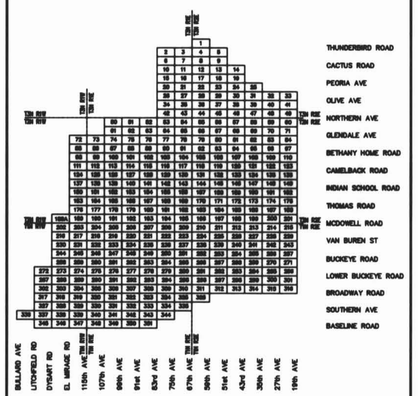

N

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **234** OF **351**

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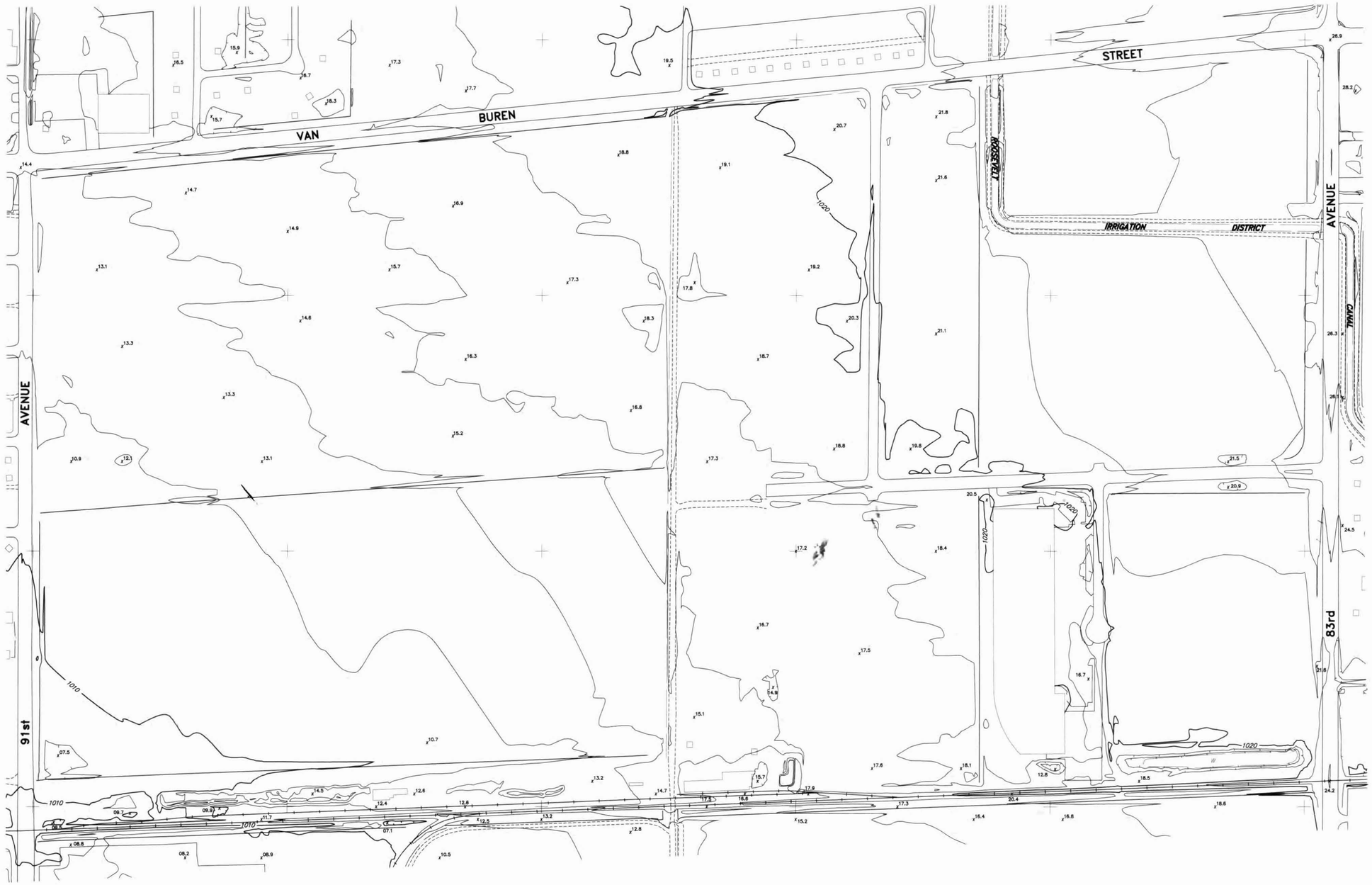
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"



LEGEND

- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
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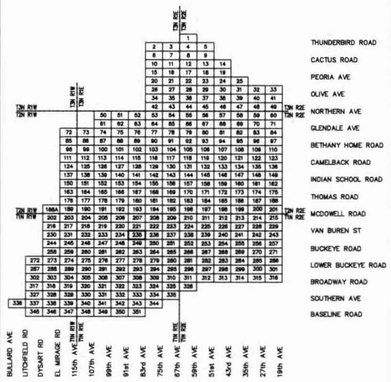

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SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

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FLIGHT DATE MARCH 28,1994

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DESIGN CHK.	—	—
PLANS	—	—
PLANS CHK.	—	—

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 235 OF 352

REGISTERED LAND SURVEYOR 4123 ROBERT M. WILLIAMS 6-30-95 ARIZONA U.S.A.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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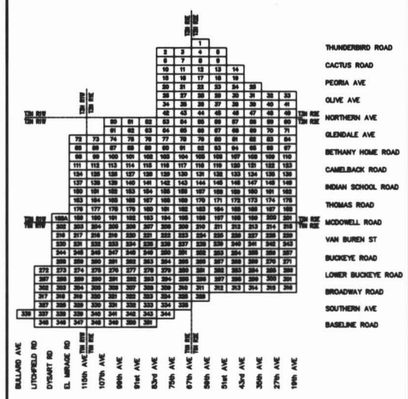

0 200' 400' 600'

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

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **235** OF **351**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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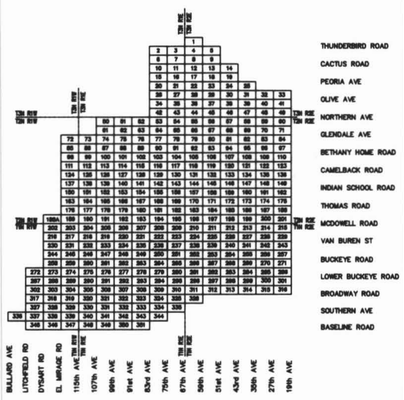

N

0 200' 400' 600'

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

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FLIGHT DATE **APRIL 21,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **236** OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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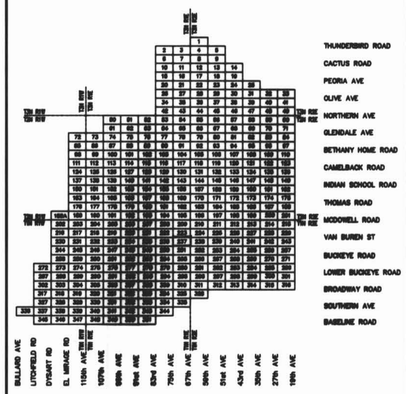

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 237 OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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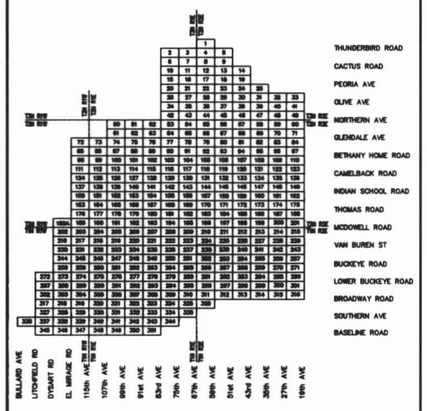

N

0 200' 400' 600'

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

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 20,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **238** OF 351

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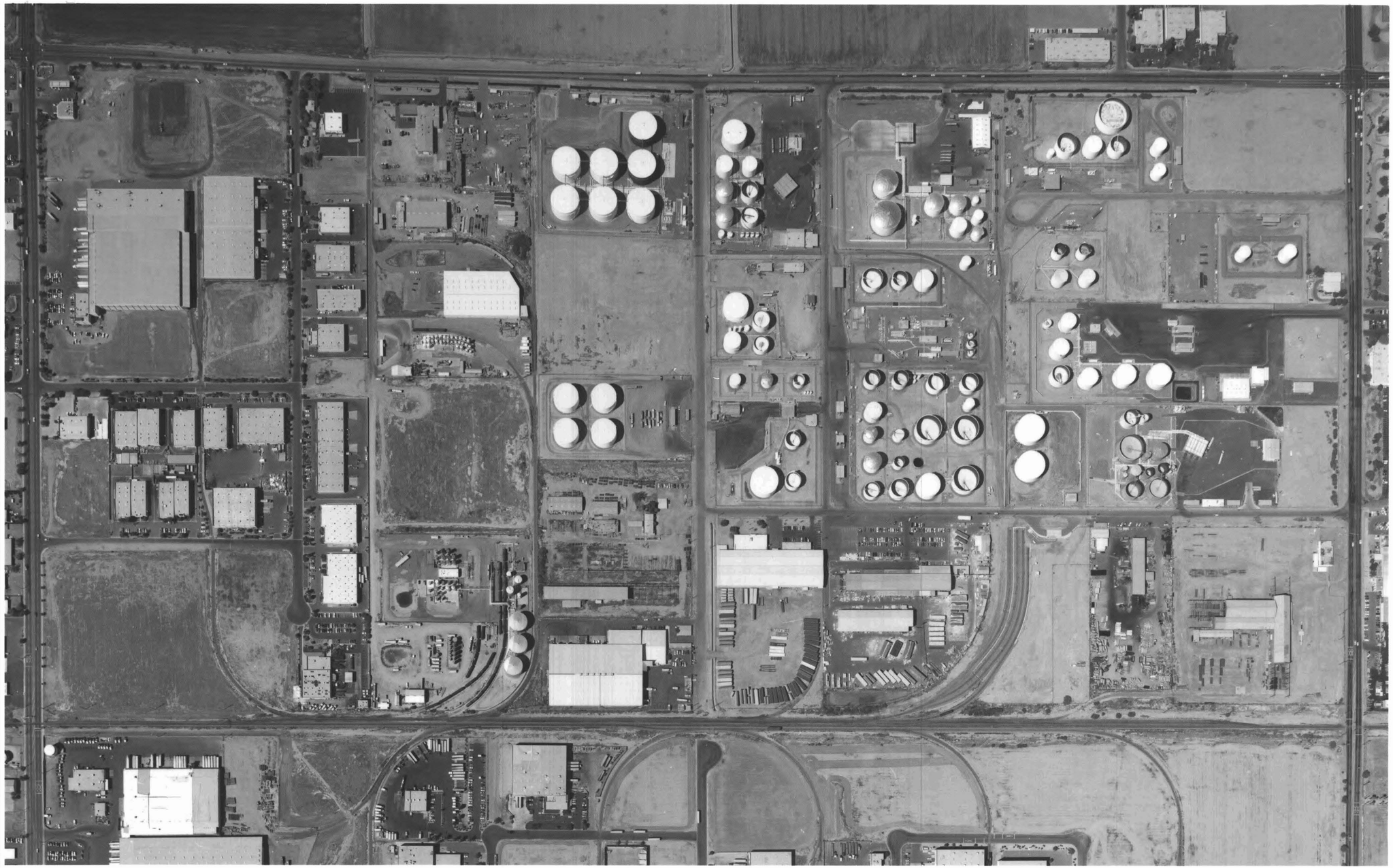

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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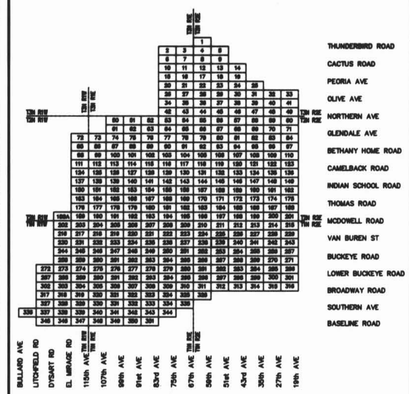

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **239** OF 351

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"FCD CONTRACT # 93-33"

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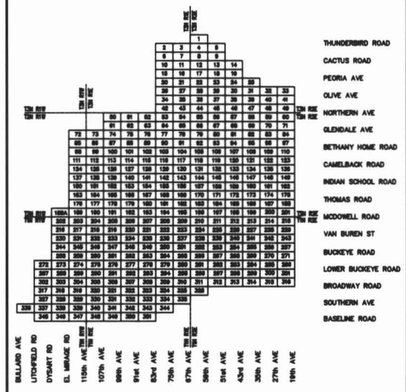


0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

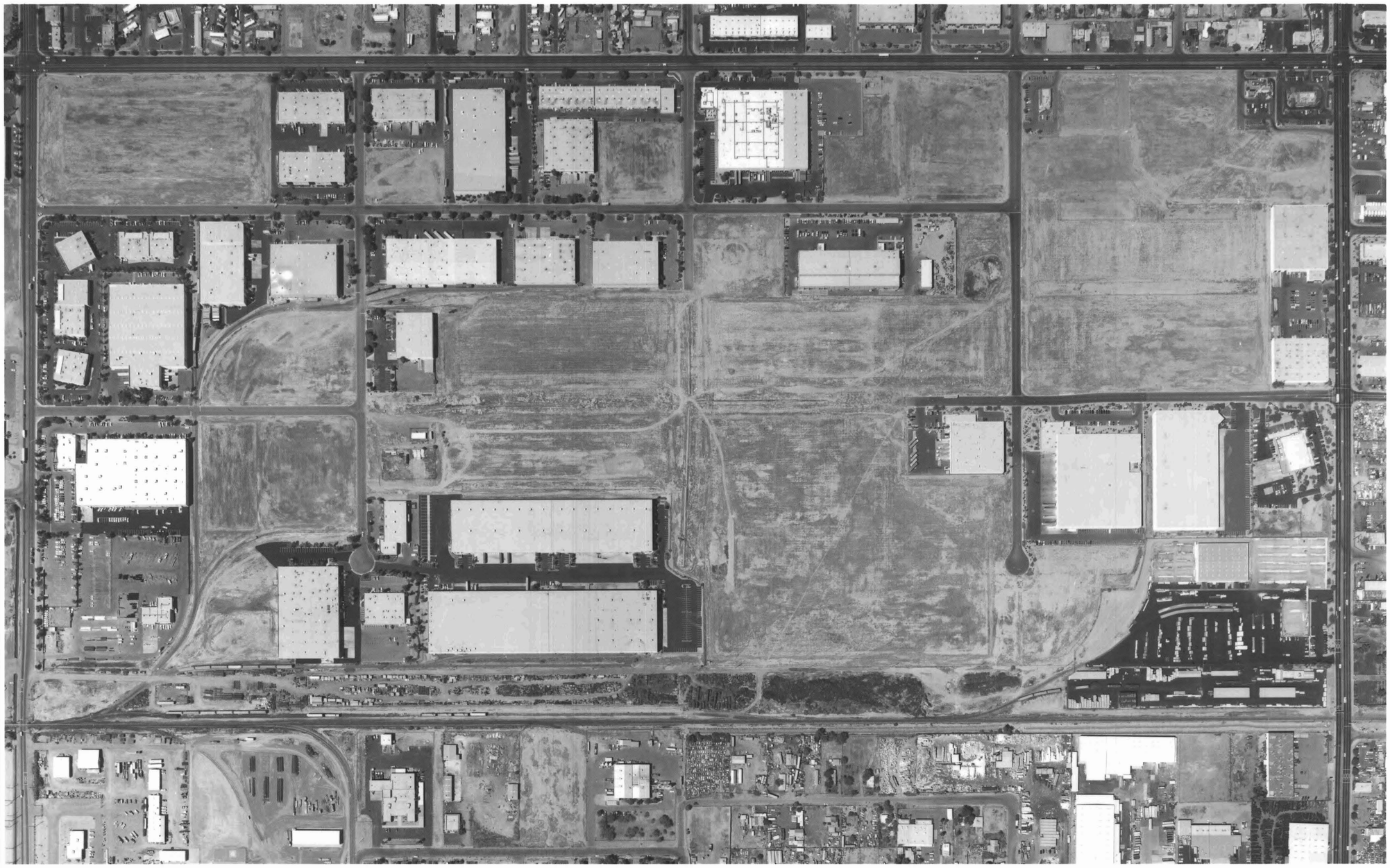
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 240 OF 351

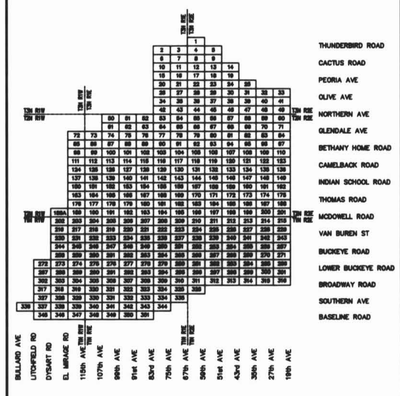
THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

	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

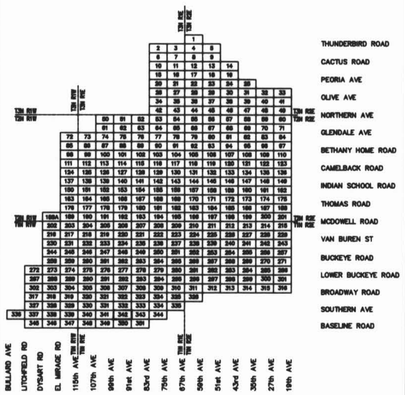
SHEET **241** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

	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

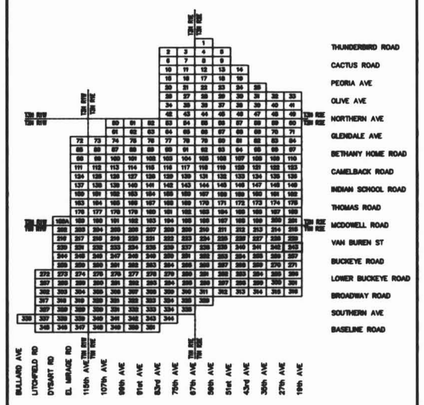
SHEET **242** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE: APRIL 20,1994

	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

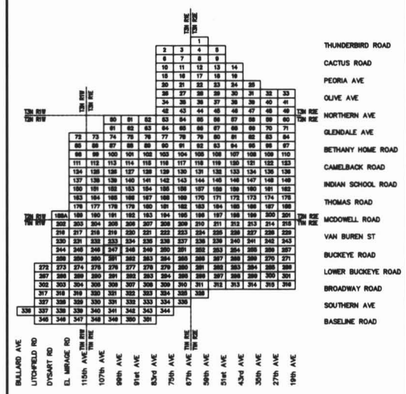
SHEET 243 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	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

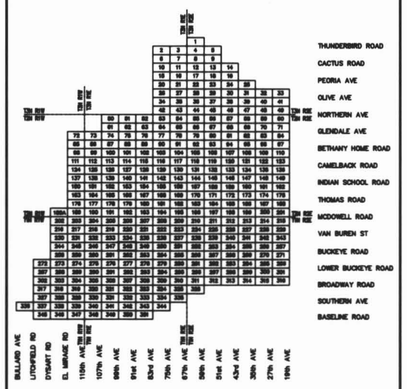
SHEET **247** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MAY 2,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE

APPROVED BY: _____ DATE

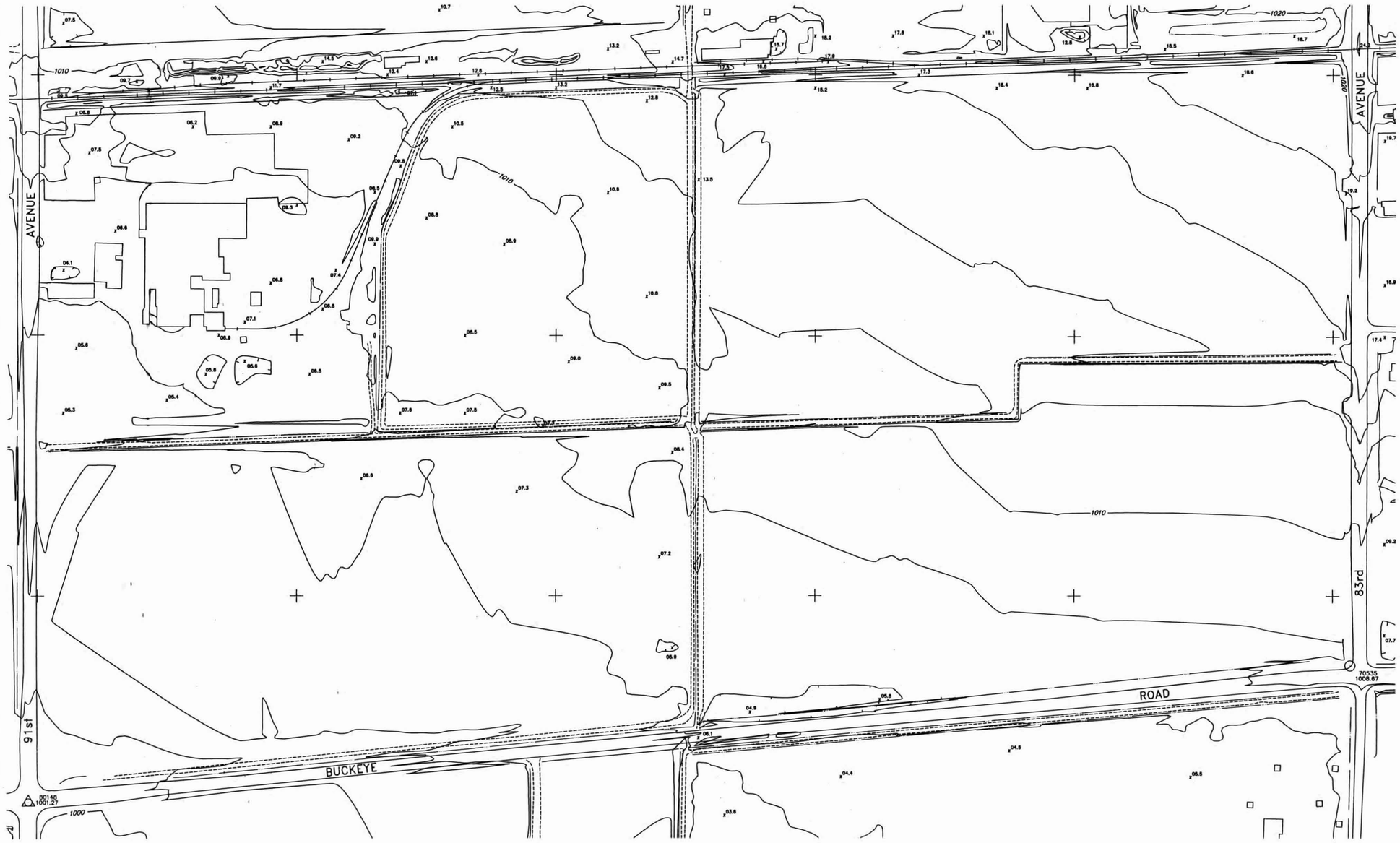
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 248 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY "FCD CONTRACT # 93-33"



LEGEND

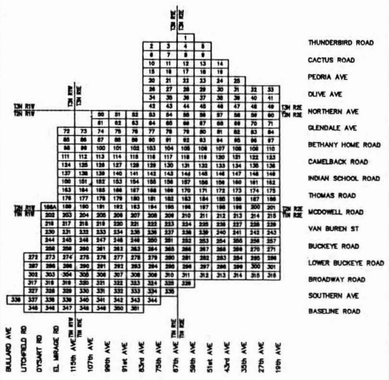
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- 1110 INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- 21.4 SPOT ELEVATION
- HORIZONTAL & VERTICAL CONTROL POINT
- VERTICAL CONTROL POINT

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80148	1000.58	BCHH
70535	1008.67	"X" IN CONC.

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MARCH 28,1994

	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

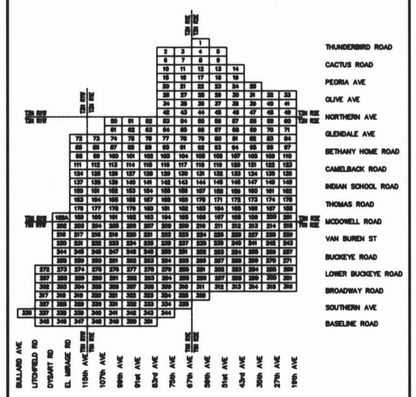
SHEET 249 OF 352

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

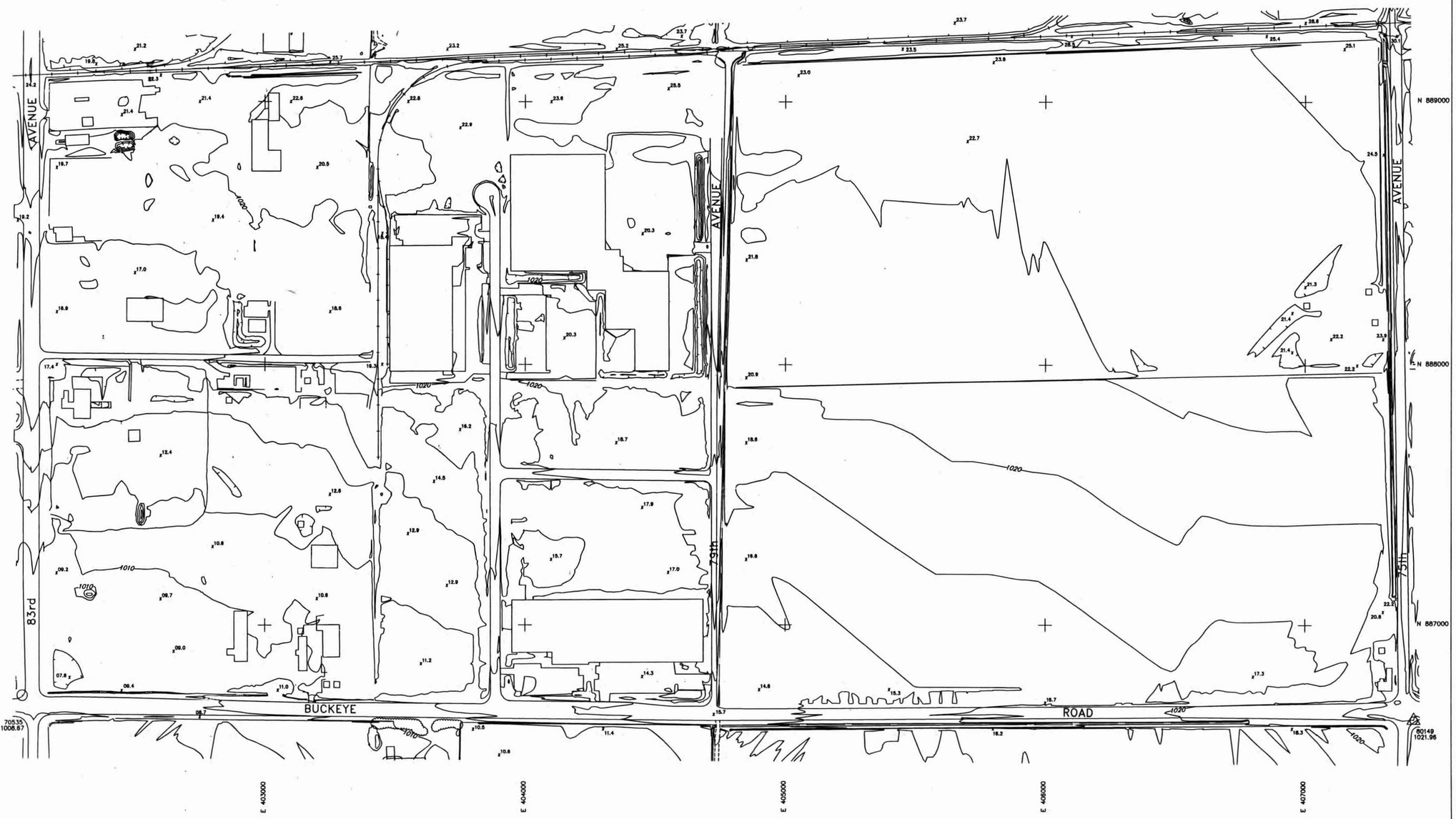
RECOMMENDED BY: _____ DATE _____

APPROVED BY: _____ DATE _____

CHIEF ENGINEER AND GENERAL MANAGER

SHEET **249** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY

"FCD CONTRACT # 93-33"

LEGEND

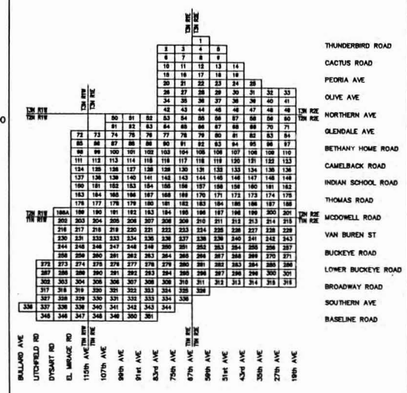
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80149	1021.96	PK NAIL
70535	1008.67	"X" IN CONC

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.

FLIGHT DATE APRIL 21,1994

	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

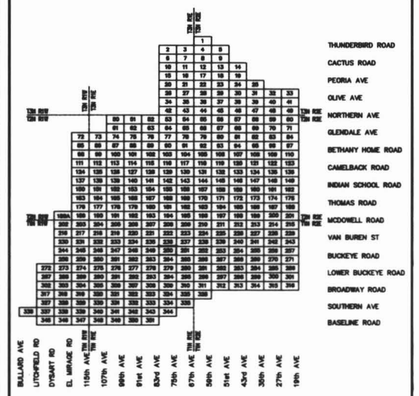
SHEET 250 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	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

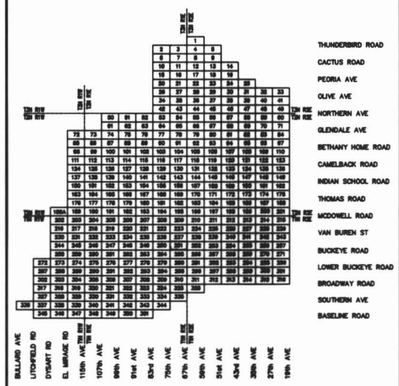
SHEET **250** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS. LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	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

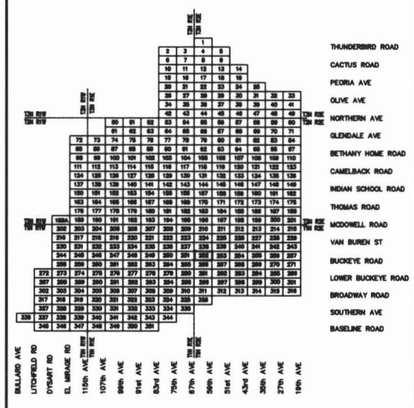
SHEET **251** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

	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 **252** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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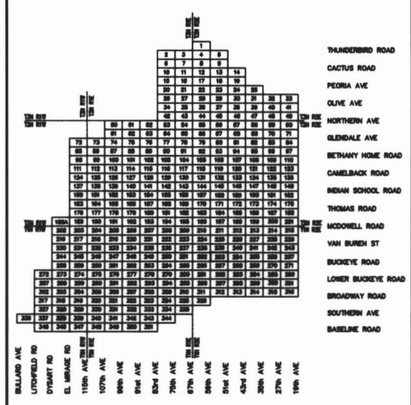


N

0 200' 400' 600'

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

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 20,1994**

	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

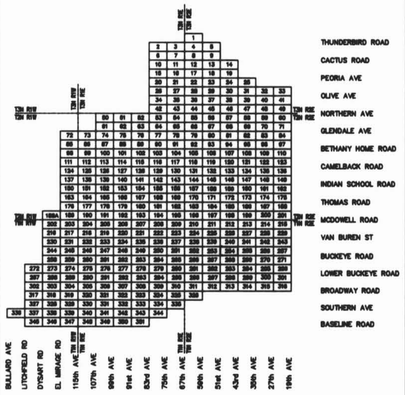
SHEET 253 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 20,1994**

	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

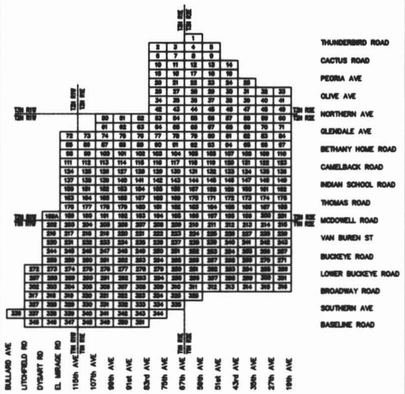
SHEET **254** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 20,1994**

	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

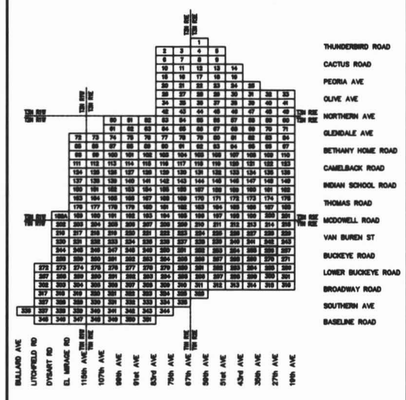
SHEET **255** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

	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

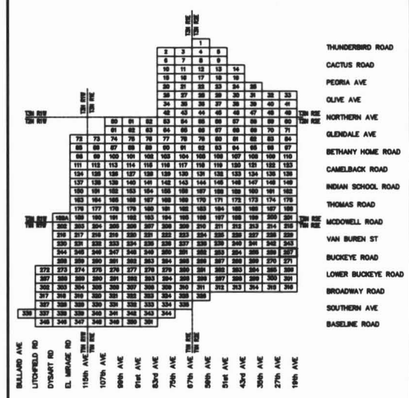
SHEET 256 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



N

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

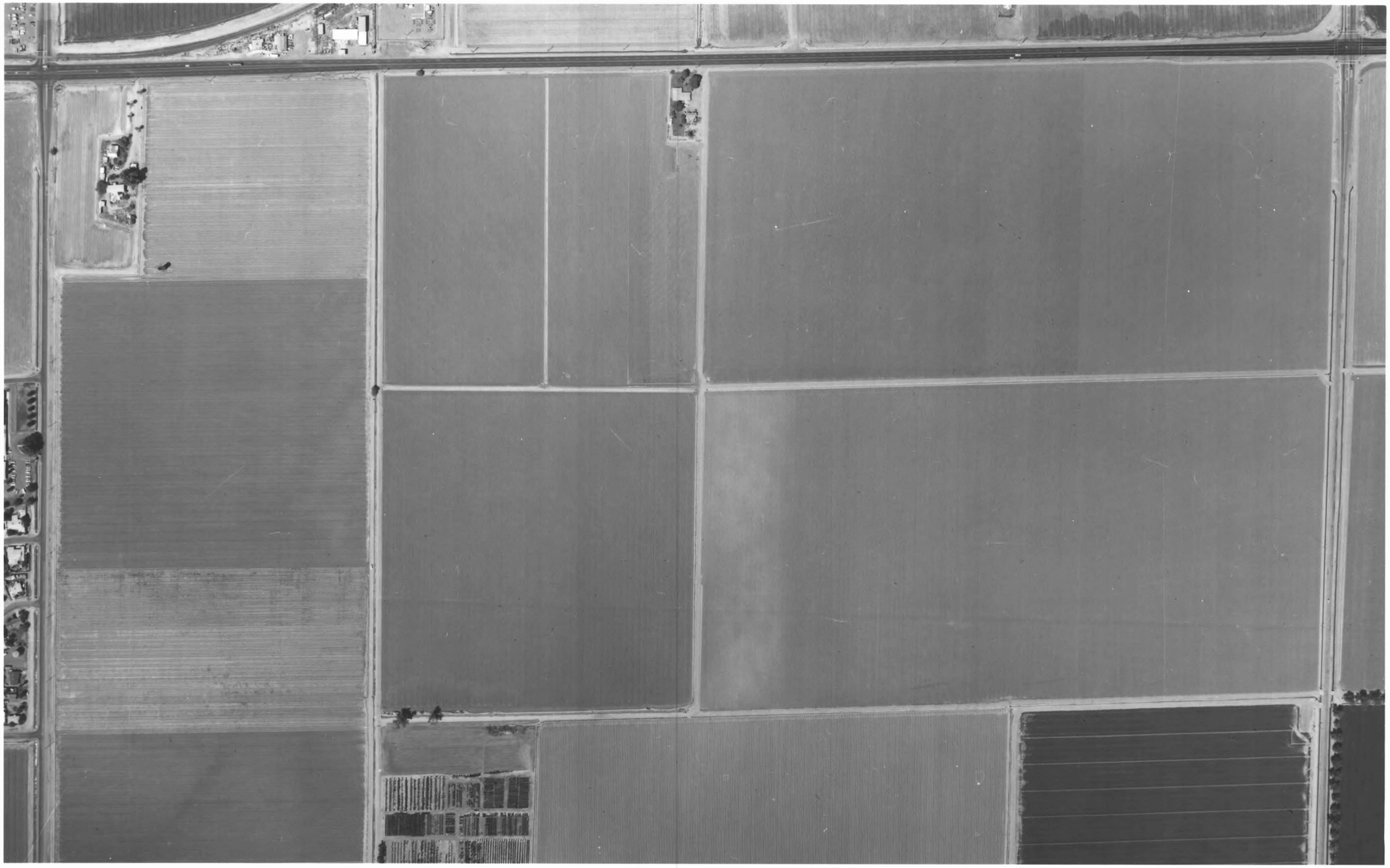
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 257 OF 351

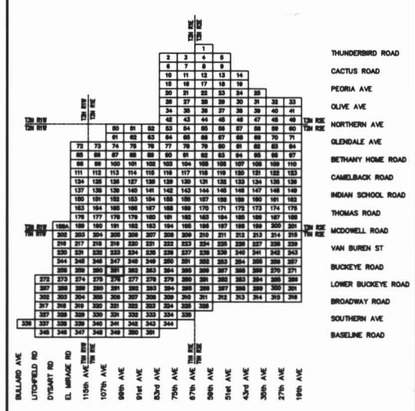
THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	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

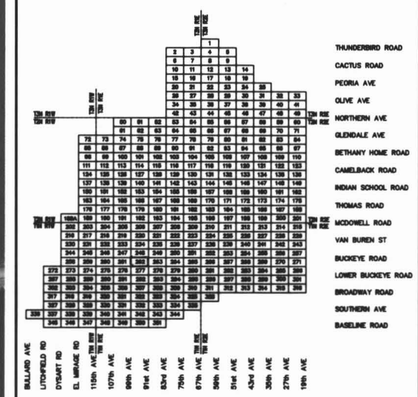
SHEET **261** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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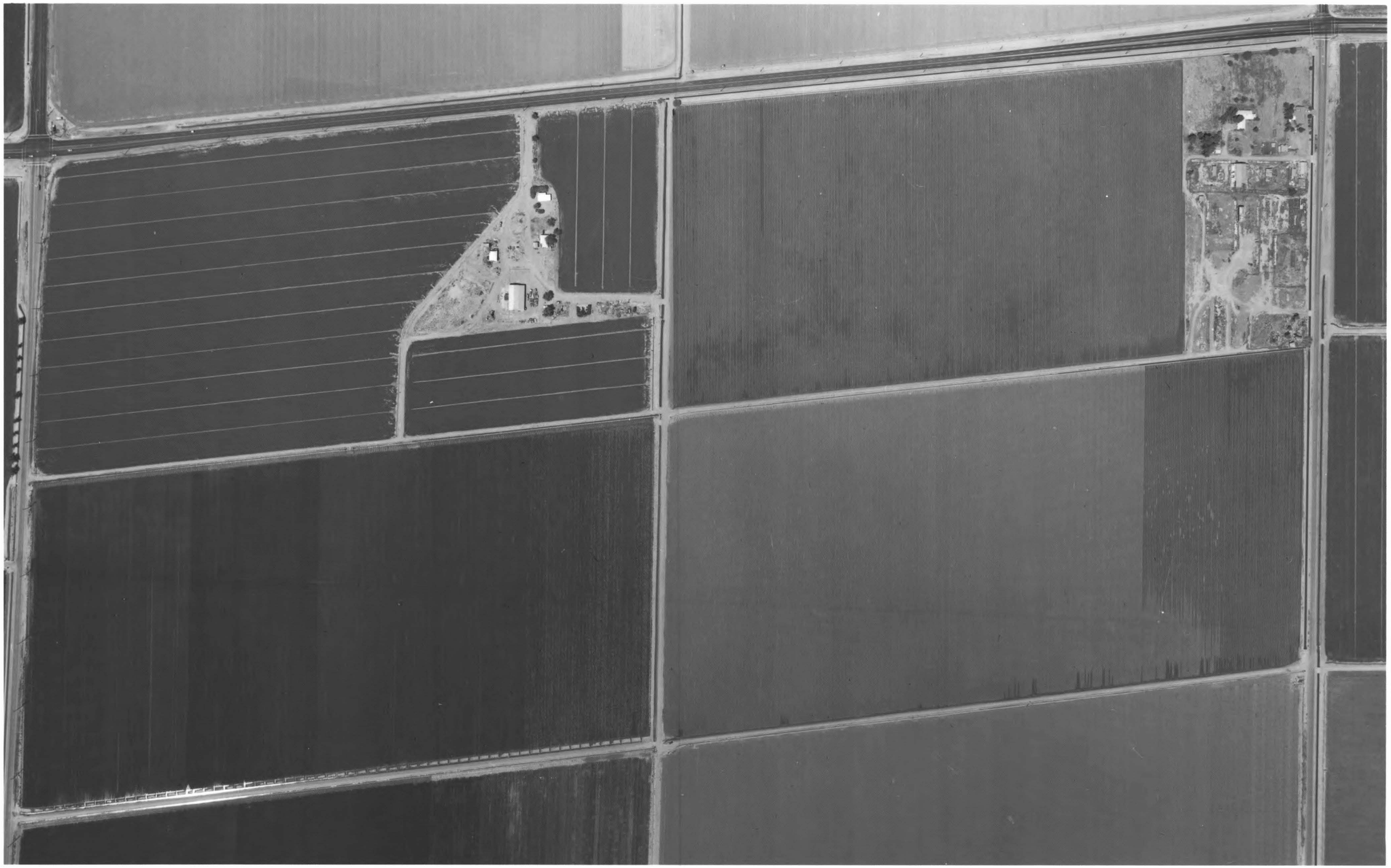
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 262 OF 351

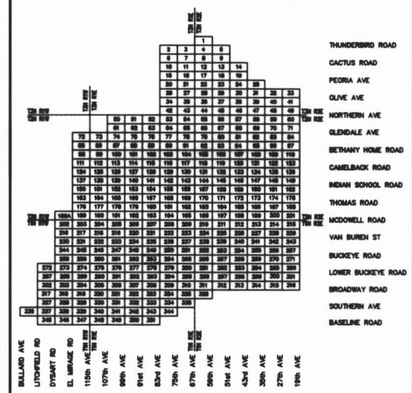
THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 263 OF 351

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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE AREA DRAINAGE MASTER STUDY "FCD CONTRACT # 93-33"

BUCKEYE ROAD

83rd AVENUE

75th AVENUE

N 888000

N 885000

N 884000

E 403000

E 404000

E 405000

E 406000

E 407000

LEGEND

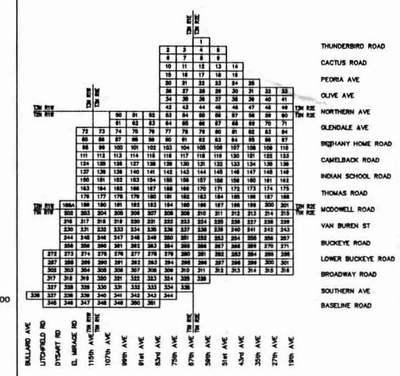
- BUILDING
- SINGLE RESIDENTIAL BUILDING
- ROAD/PAVEMENT
- DIRT ROAD
- HIDDEN ROAD/HIDDEN PAVEMENT
- CURB
- HIDDEN CURB
- RAILROAD
- INDEX CONTOUR
- DEPRESSED INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSED INTERMEDIATE CONTOUR
- WASH/ DRAINAGE/WATERLINE
- IRRIGATION DITCH
- TREE LINE
- SPOT ELEVATION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

ELEVATION REFERENCE MARKS

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

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
80149	1021.96	PK NAIL
70535	1008.67	"X" IN CONC

INDEX MAP



0 200' 400' 600'

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 21,1994

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

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 264 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93–33"

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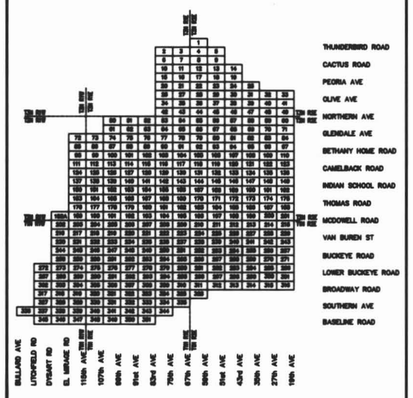

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

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FLIGHT DATE APRIL 21,1994

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 264 OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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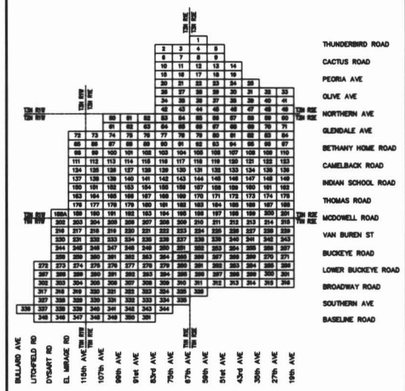

0 200' 400' 600'

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

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **265** OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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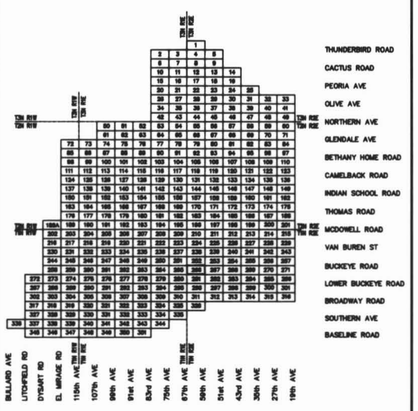

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

	BY	DATE
DESIGN		
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PLANS CHK.		

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **266** OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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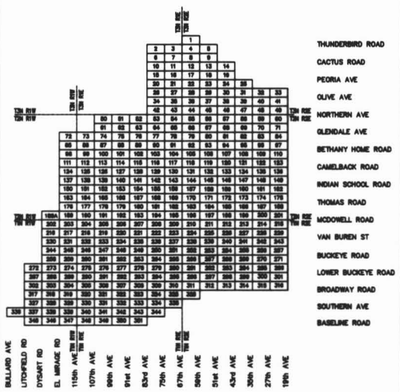

0 200' 400' 600'
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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **267** OF **351**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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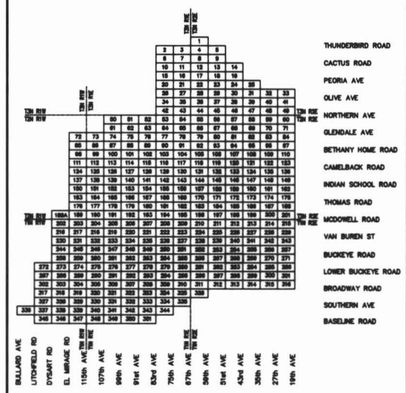

0 200' 400' 600'

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

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 268 OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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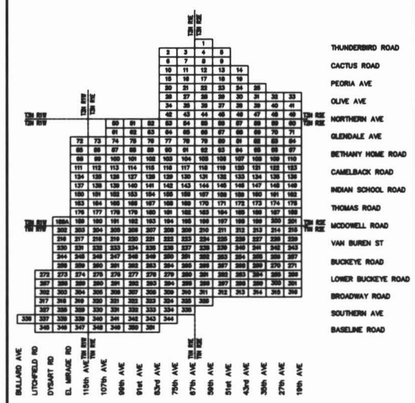

0 200' 400' 600'

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

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FLIGHT DATE **APRIL 20,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **269** OF **351**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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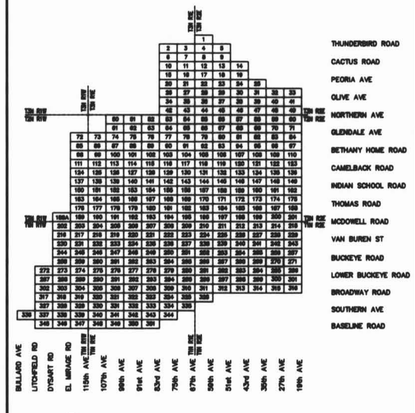

0 200' 400' 600'

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

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 270 OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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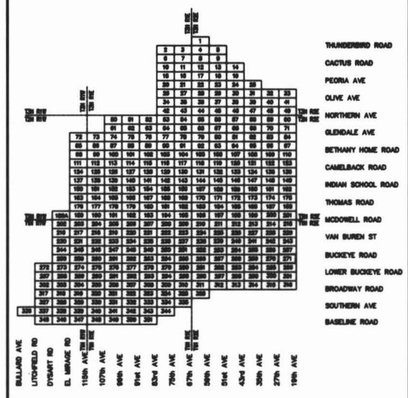

0 200' 400' 600'
SCALE: 1" = 200'
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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 271 OF 351

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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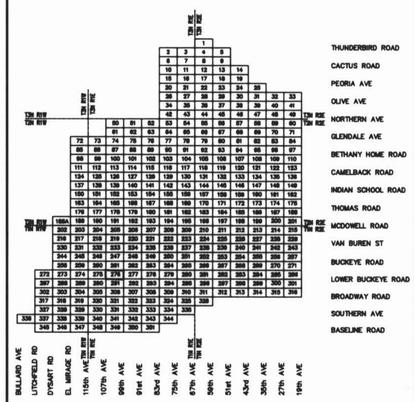

0 200' 400' 600'

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

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **276** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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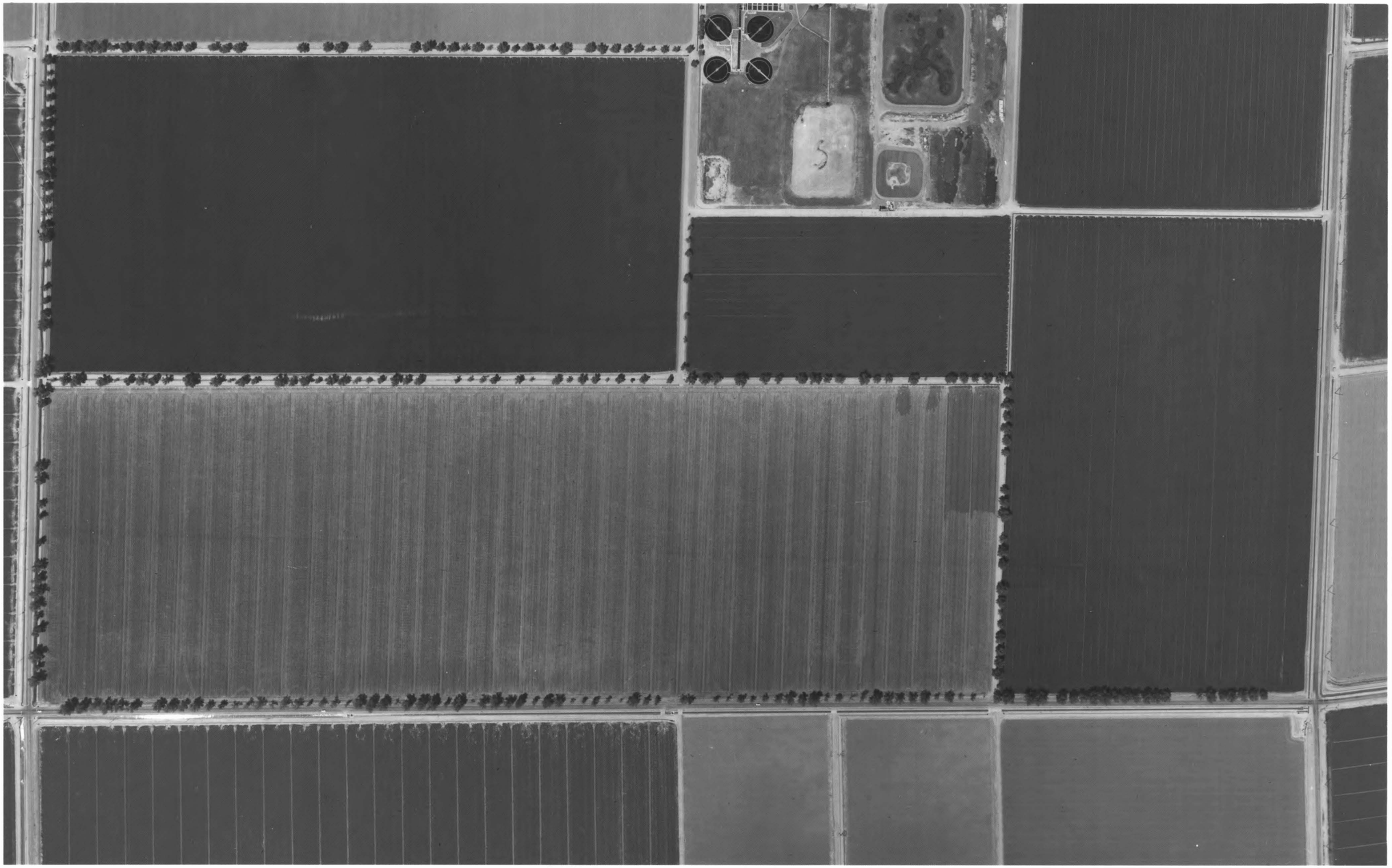

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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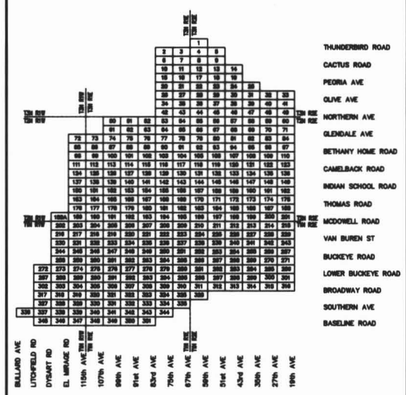

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	BY	DATE
DESIGN		
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PLANS		
PLANS CHK.		

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **277** OF **351**

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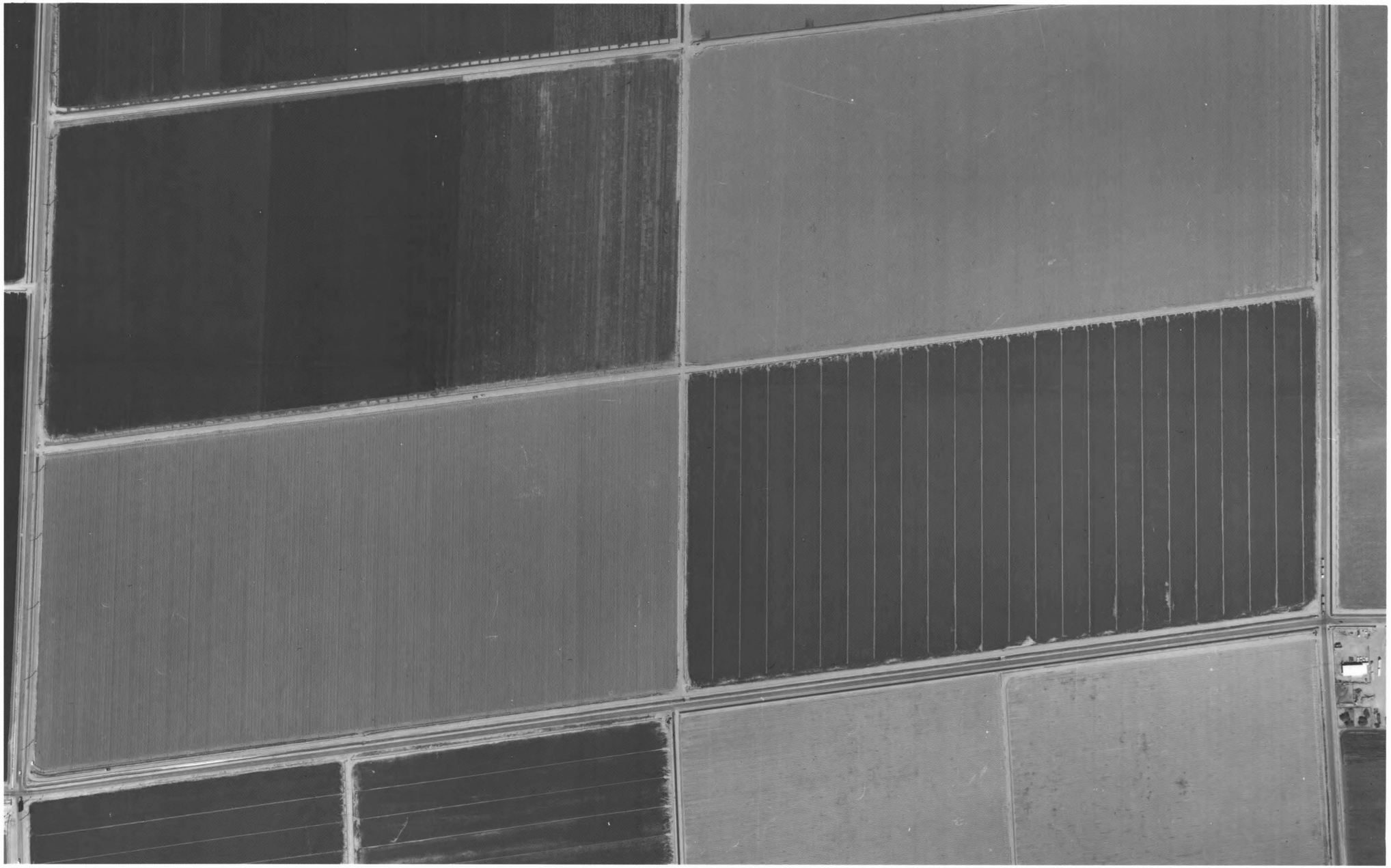

FLOOD CONTROL DISTRICT
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MARYVALE
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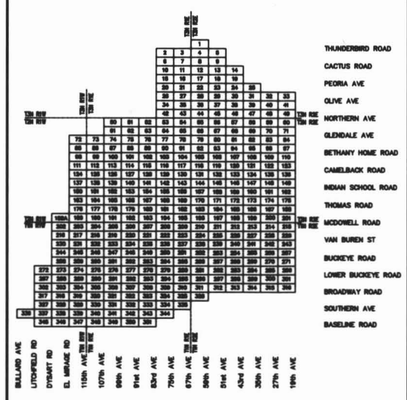

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
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CHIEF ENGINEER AND GENERAL MANAGER

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FLOOD CONTROL DISTRICT
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MARYVALE
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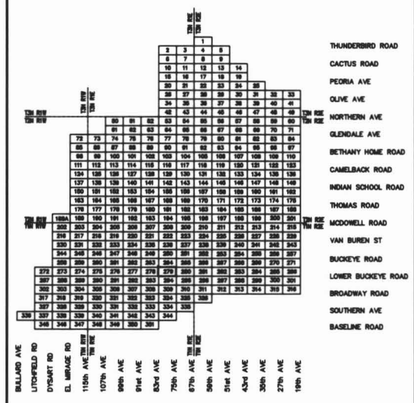

0 200' 400' 600'

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

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OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **279** OF **351**

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FLOOD CONTROL DISTRICT
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MARYVALE
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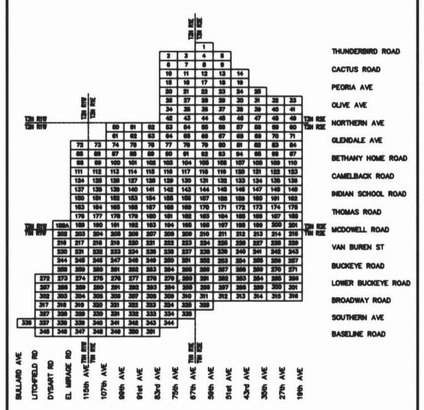

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

	BY	DATE
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FLOOD CONTROL DISTRICT
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CHIEF ENGINEER AND GENERAL MANAGER

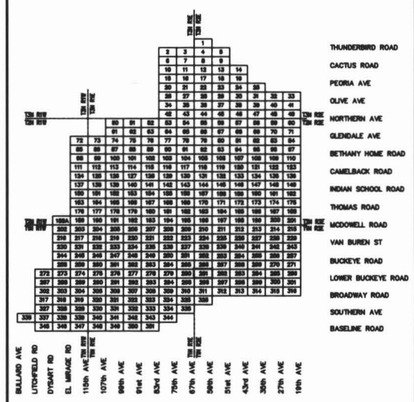
SHEET **280** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS. LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93–33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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PLANS		
PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE _____

APPROVED BY: _____ DATE _____

CHIEF ENGINEER AND GENERAL MANAGER

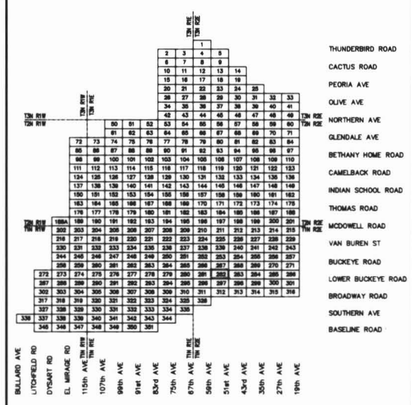
SHEET **281** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI–HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1996

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DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY:
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APPROVED BY:
DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET **282** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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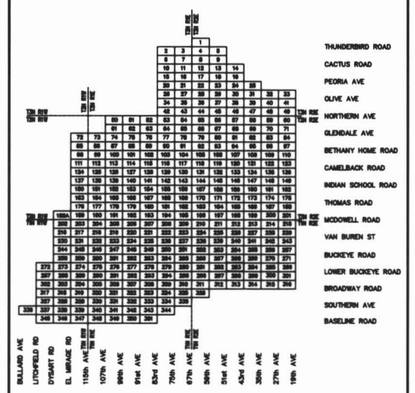

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 283 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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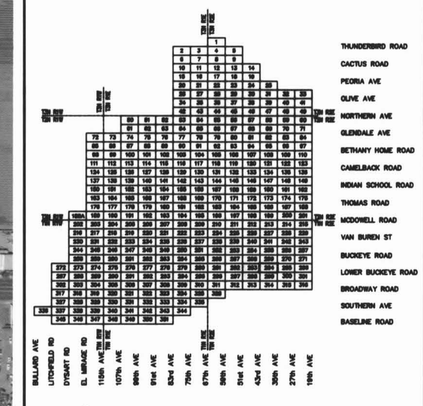

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0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 284 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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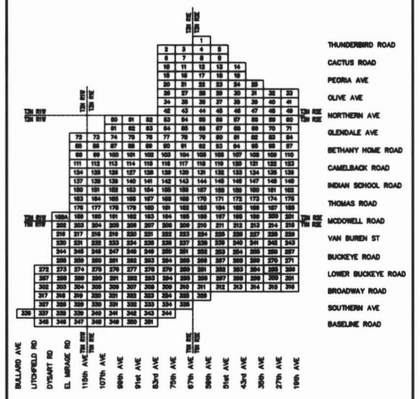

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 285 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

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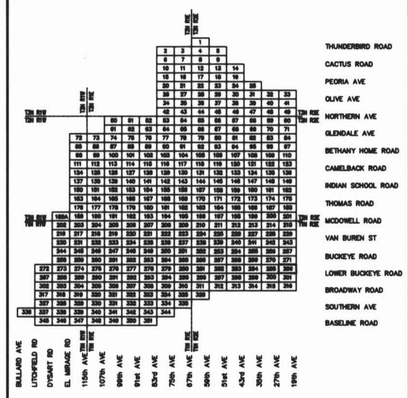

N

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **286** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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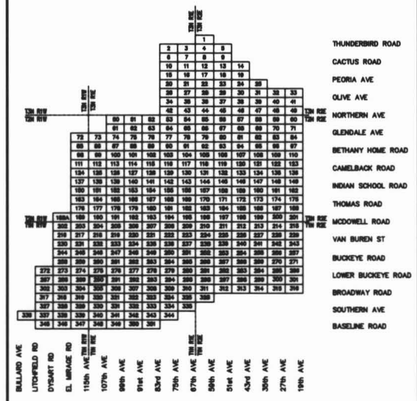

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MAY 2,1994

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SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 290 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
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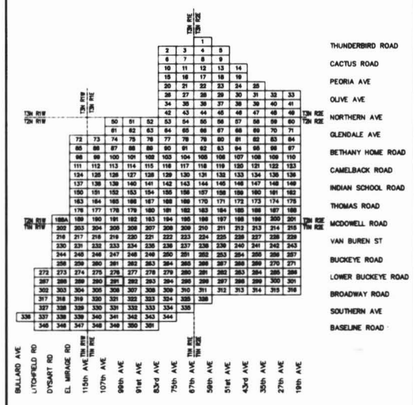

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **291** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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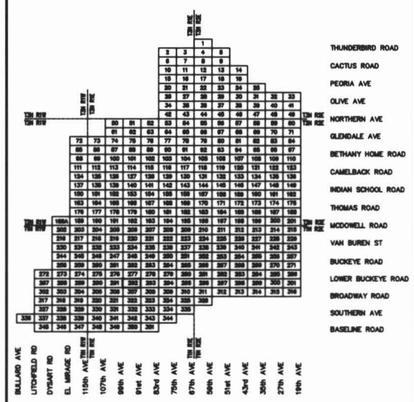

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **292** OF 351

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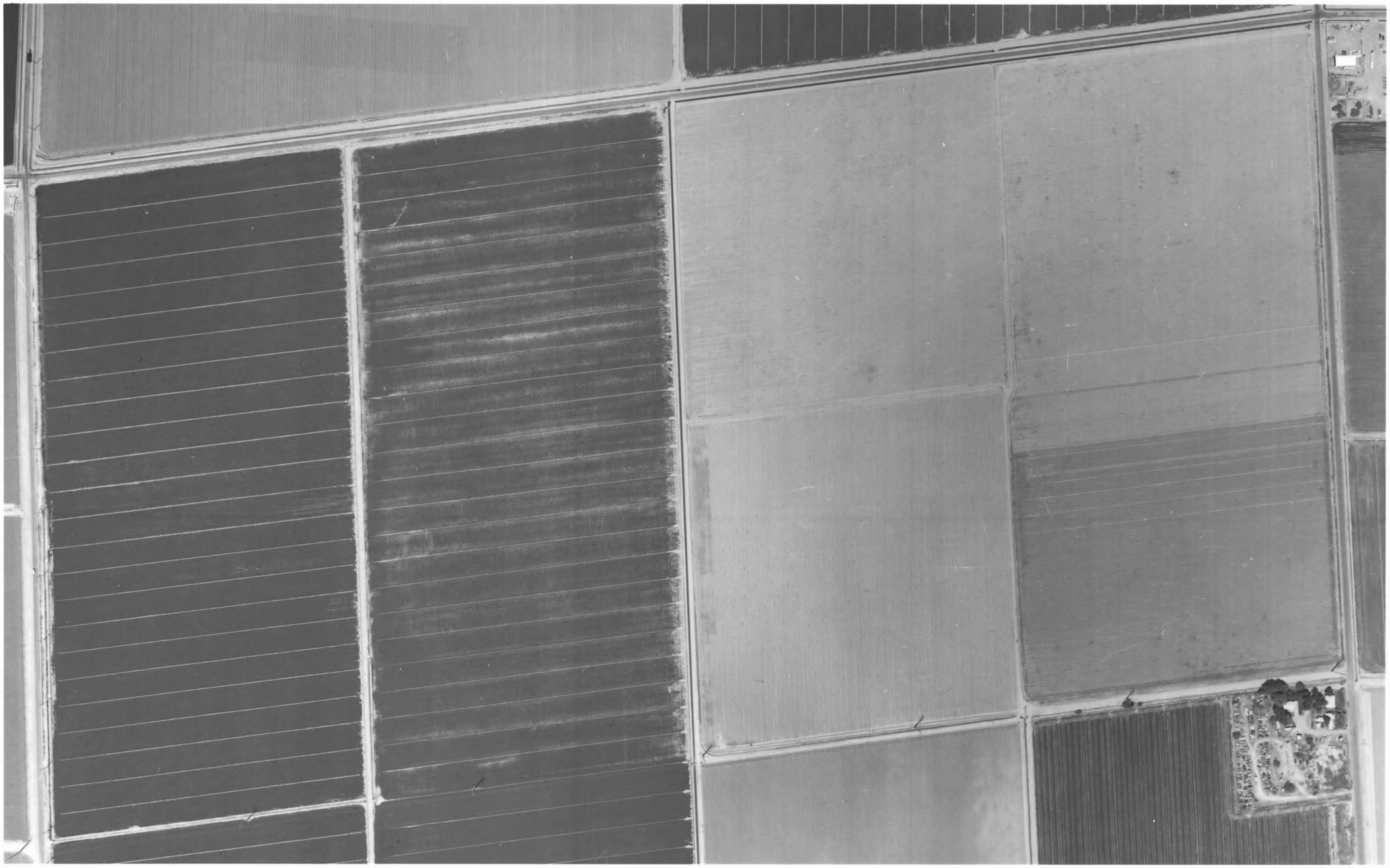

FLOOD CONTROL DISTRICT
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MARYVALE
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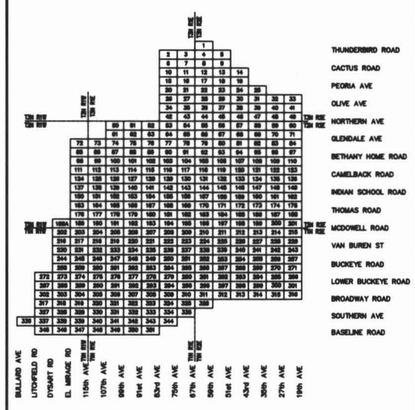

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **293** OF **351**

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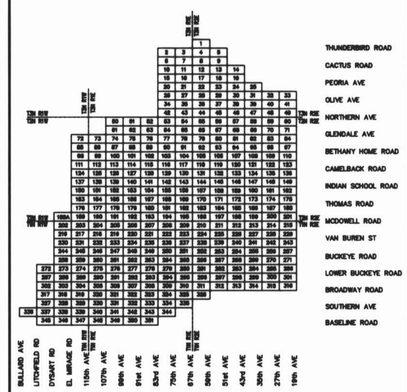

N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **294** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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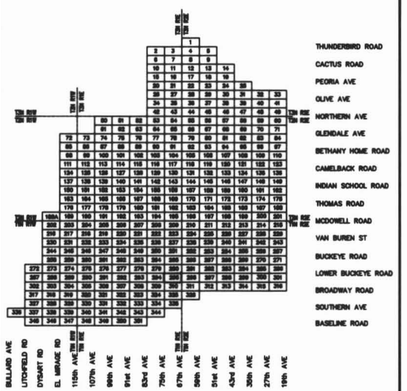

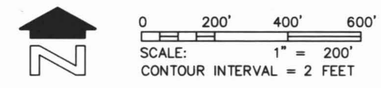

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **295** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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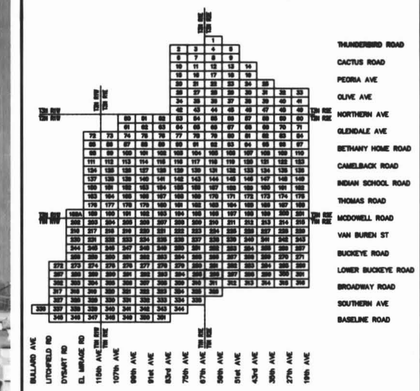

N

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 296 OF 351

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1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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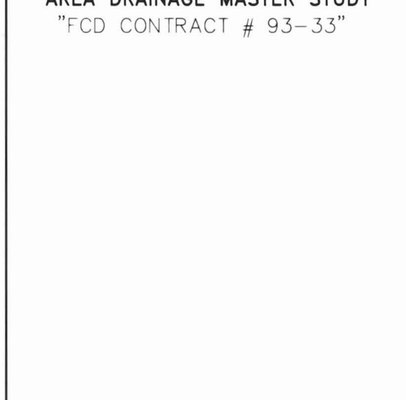

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **297** OF 351

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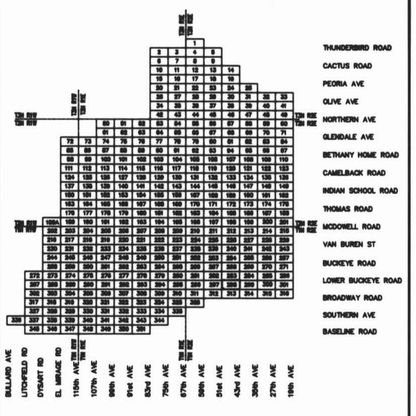

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **298** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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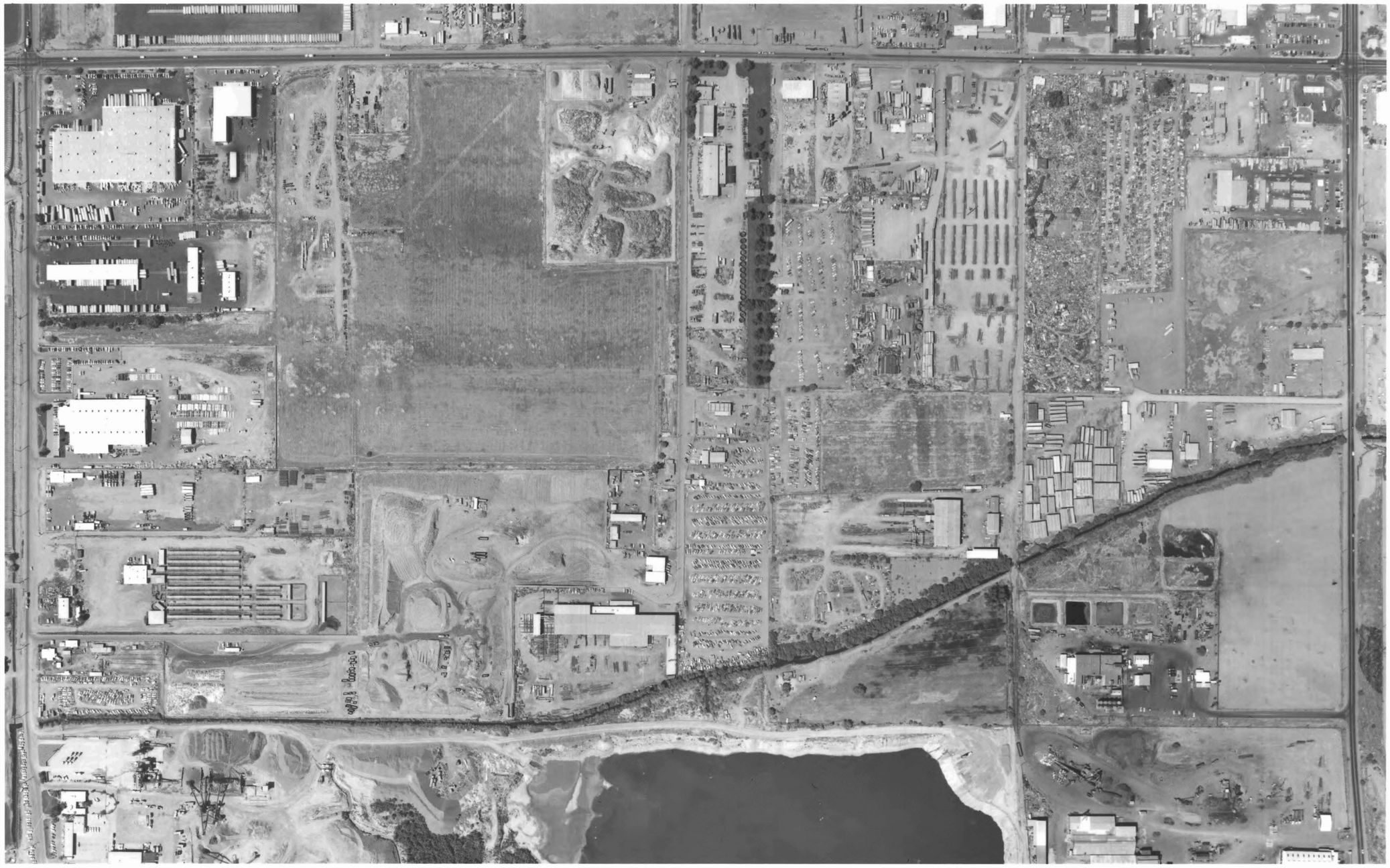

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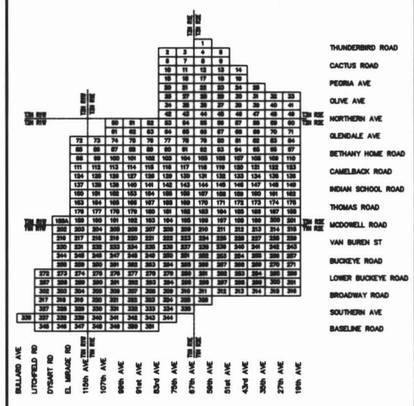

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **299** OF **351**

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FLOOD CONTROL DISTRICT
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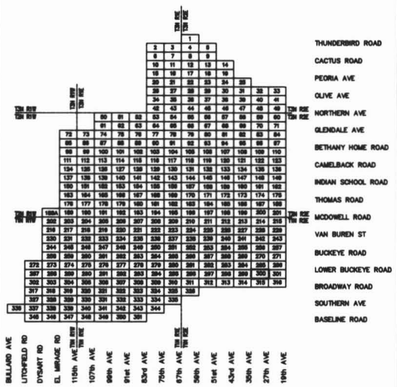

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

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OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **300** OF 351

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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
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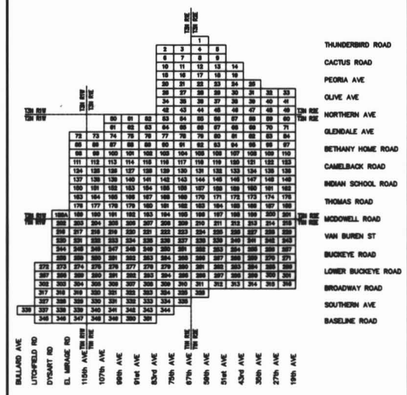

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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PLANS CHK.		

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CHIEF ENGINEER AND GENERAL MANAGER

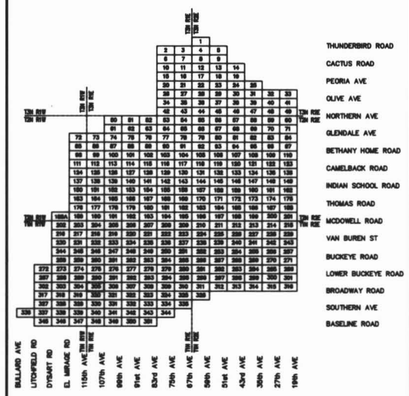
SHEET **301** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **MAY 2,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

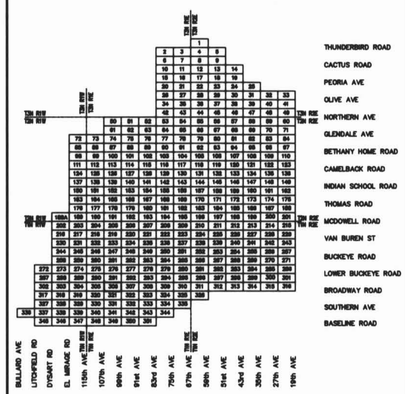
SHEET **305** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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APPROVED BY: _____ DATE _____

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 306 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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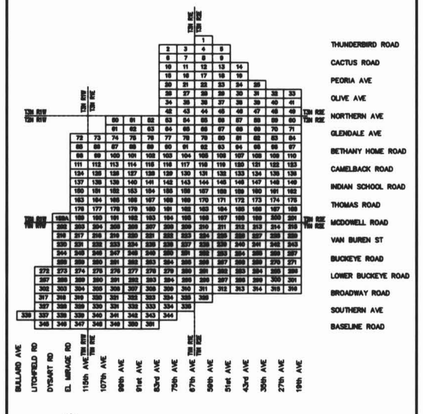

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **307** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

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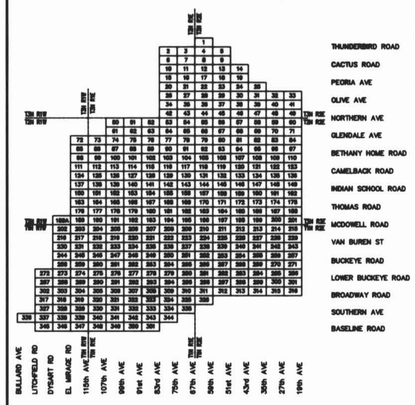

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

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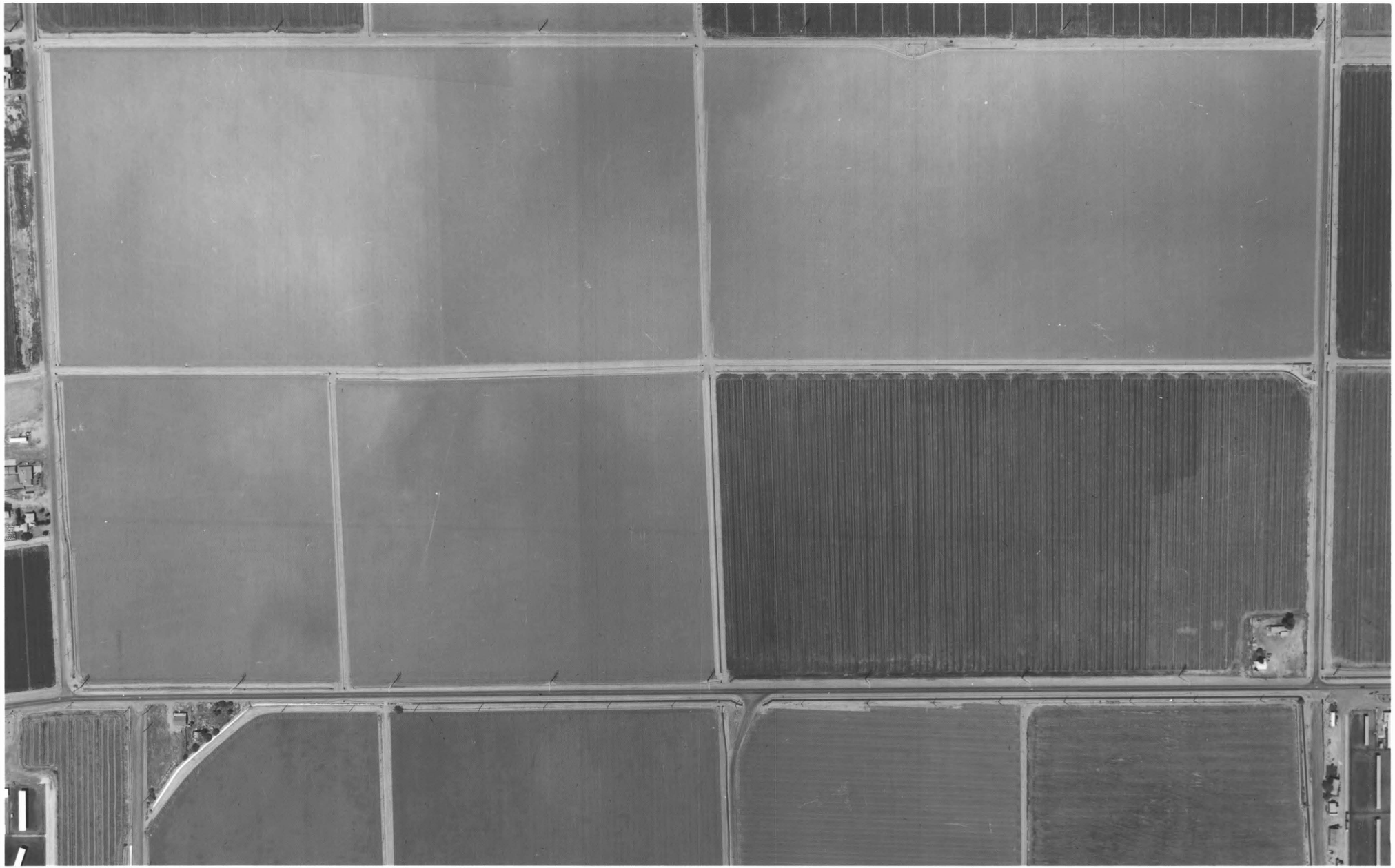
CHIEF ENGINEER AND GENERAL MANAGER

SHEET **308** OF **351**

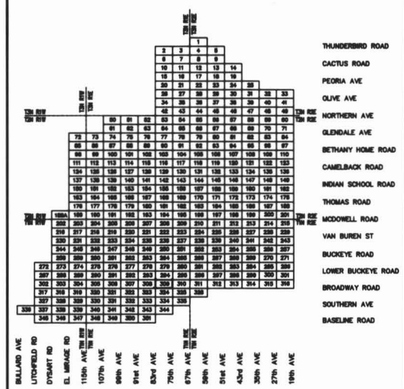
THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

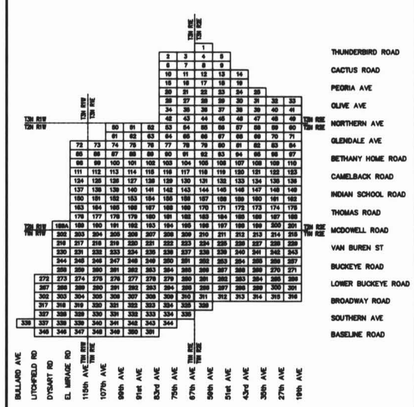
SHEET 309 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **310** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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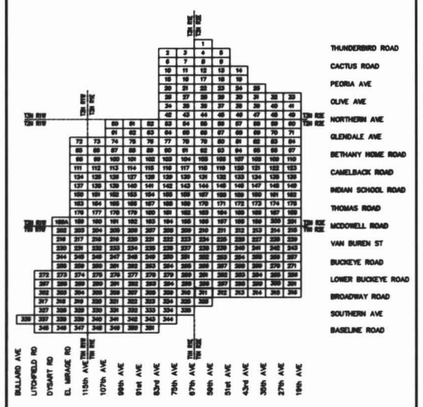

N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 311 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS. LTD.

FLOOD CONTROL DISTRICT
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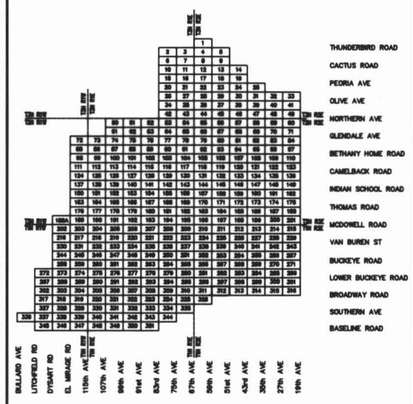

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SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 20,1994**

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DATE:

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OF MARICOPA COUNTY

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DATE
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 312 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
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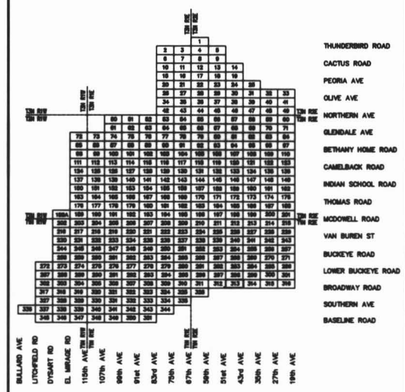

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SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

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FLIGHT DATE **APRIL 20,1994**

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OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 313 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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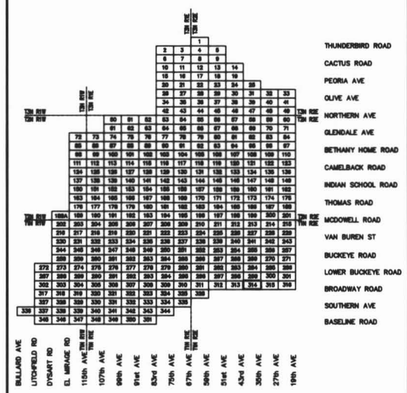

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

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FLIGHT DATE **APRIL 20,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 314 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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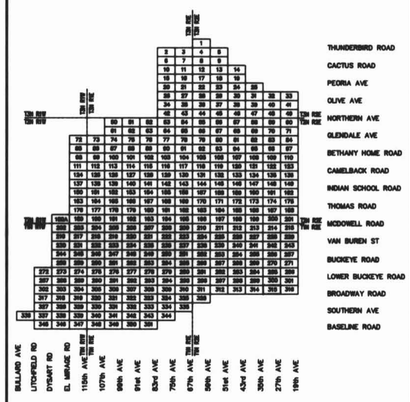

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 20,1994

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FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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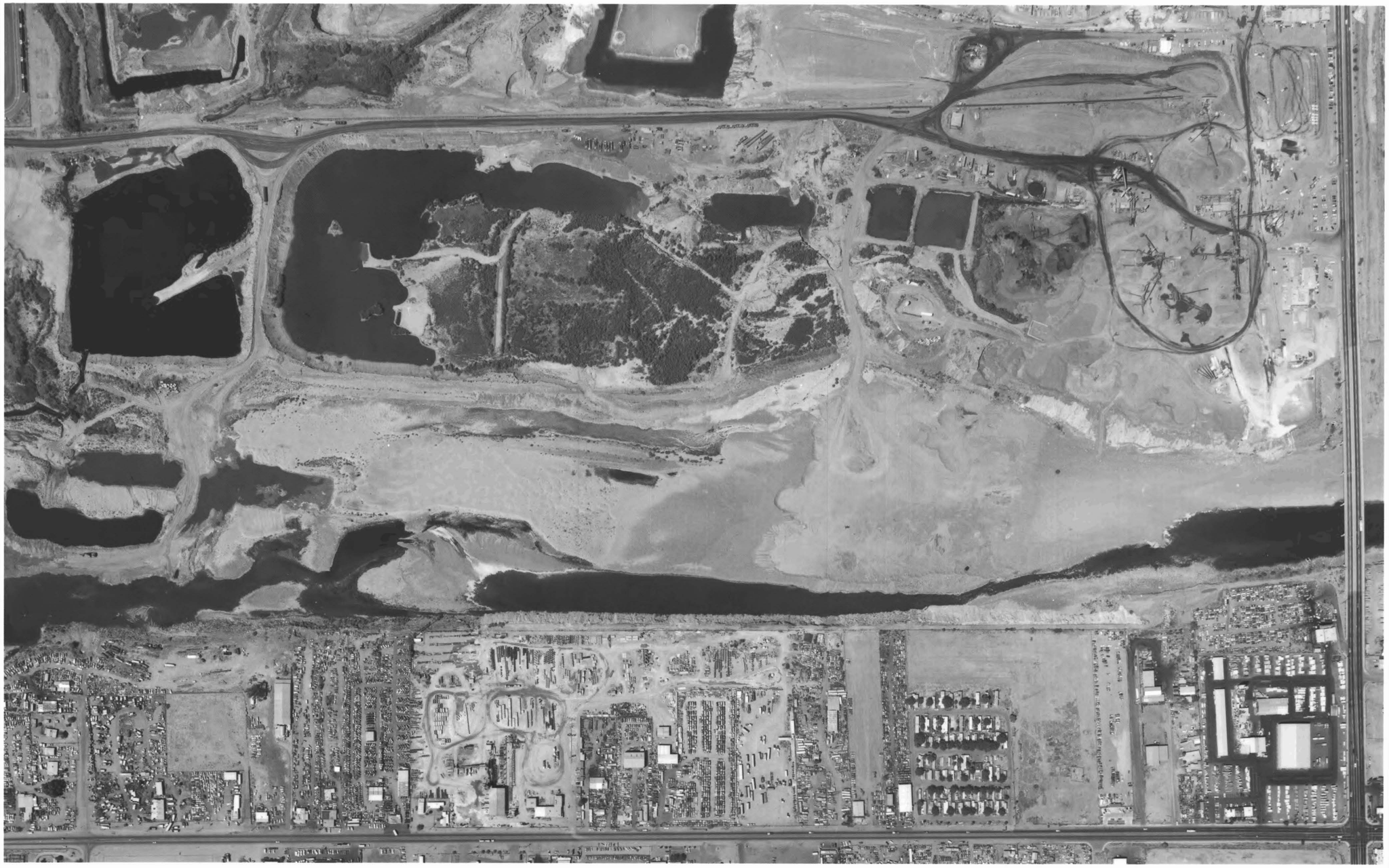
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 315 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93–33"

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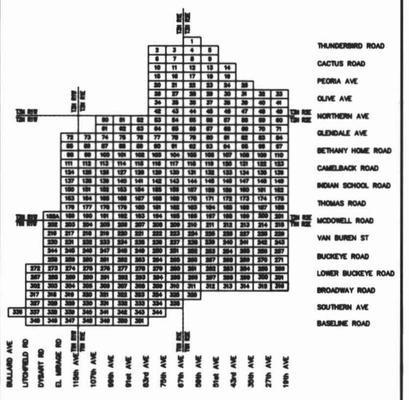

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **316** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
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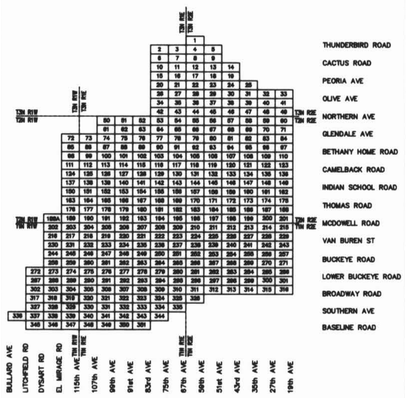

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **319** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
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FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
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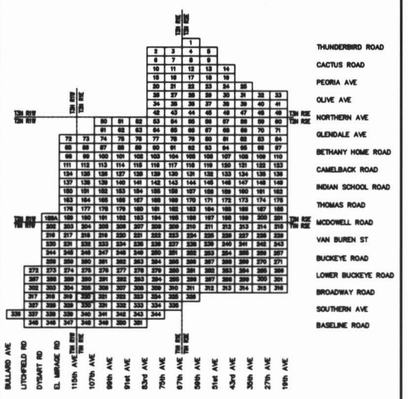

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **MAY 2,1994**

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SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **320** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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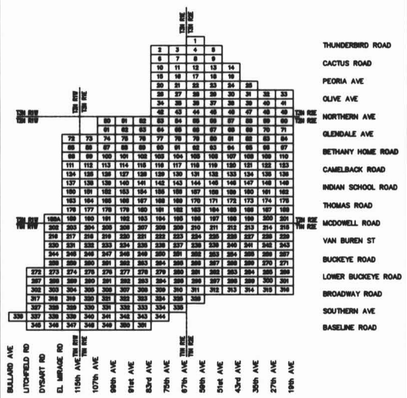

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 321 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
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MARYVALE
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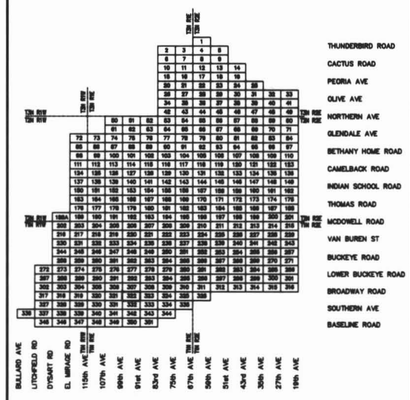

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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PLANS CHK.		

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FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 322 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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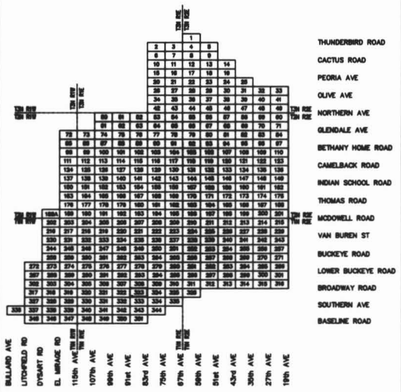

0 200' 400' 600'

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

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

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PLANS CHK.		

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 323 OF 351

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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
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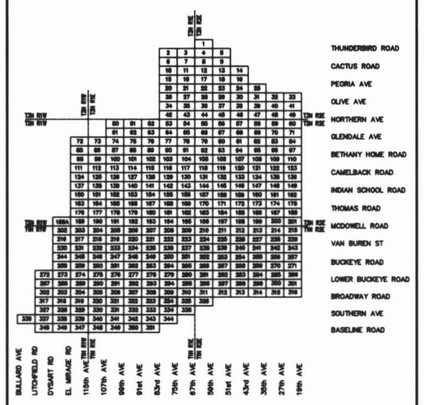

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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DATE
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SHEET **324** OF 351

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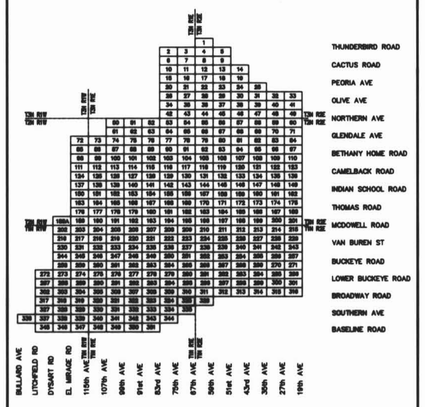
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	BY	DATE
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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

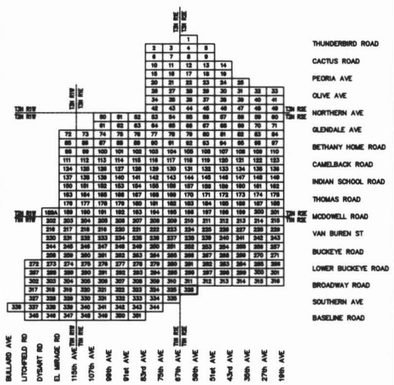
SHEET 325 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

	BY	DATE
DESIGN		
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PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

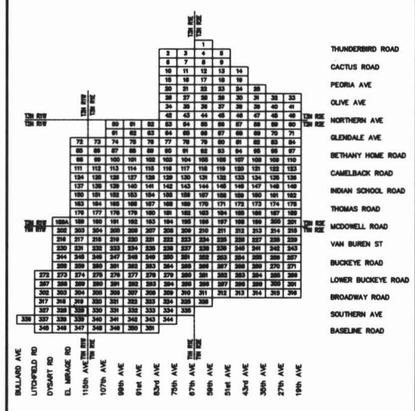
SHEET **326** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS. LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	BY	DATE
DESIGN		
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PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE _____

APPROVED BY: _____ DATE _____

CHIEF ENGINEER AND GENERAL MANAGER

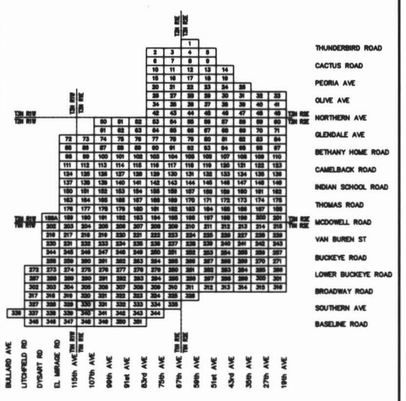
SHEET **329** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS. LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE MAY 2,1994

	BY	DATE
DESIGN		
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PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

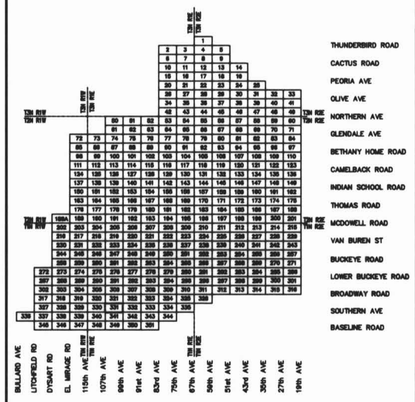
SHEET 330 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

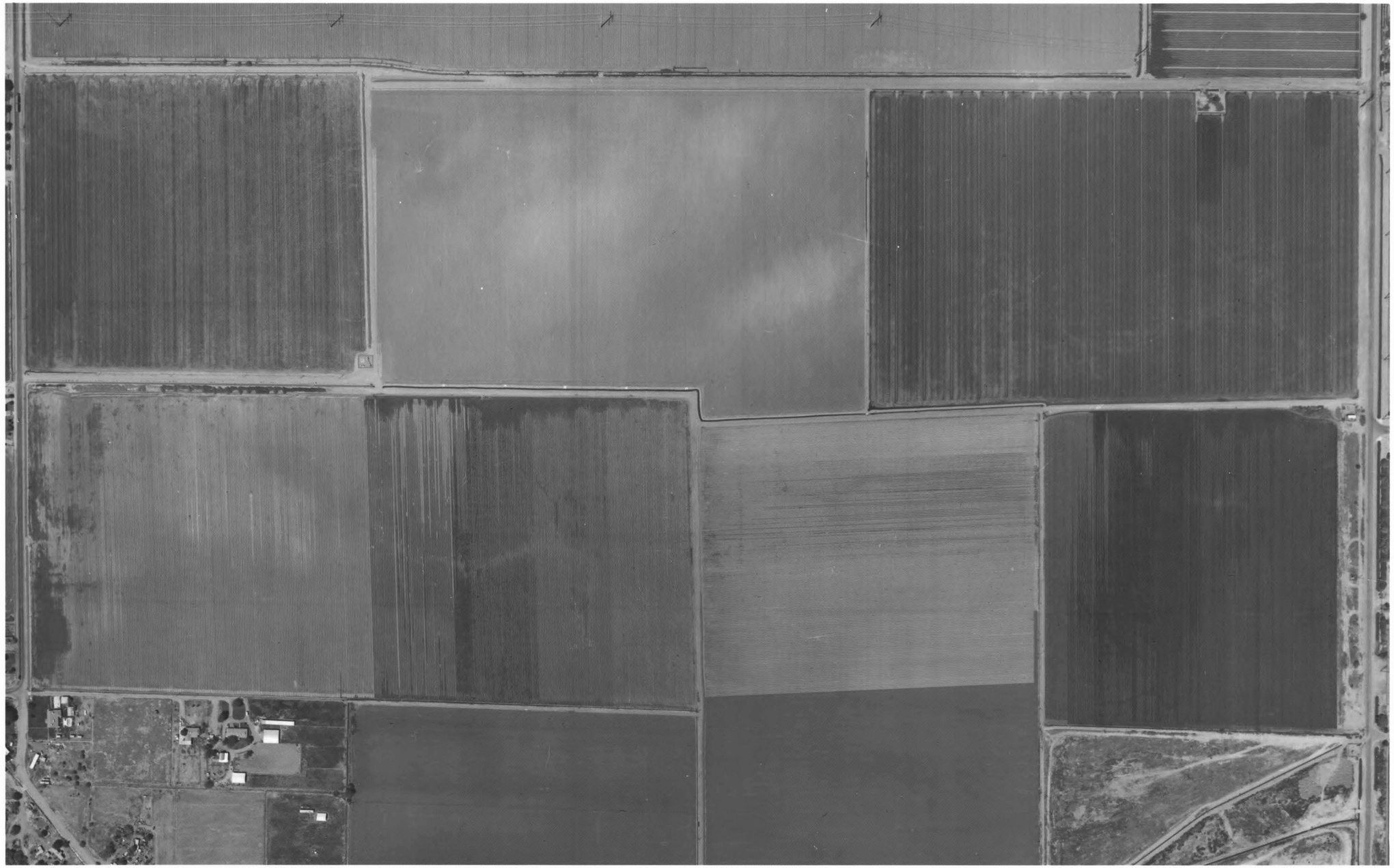
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET **331** OF 351

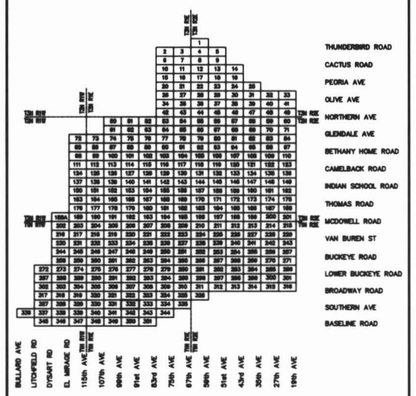
THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93–33"

INDEX MAP



N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE _____

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CHIEF ENGINEER AND GENERAL MANAGER

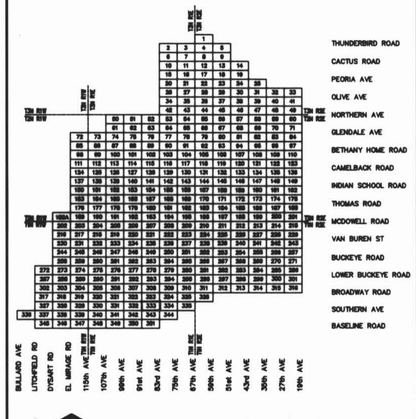
SHEET **332** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI–HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
AREA DRAINAGE MASTER STUDY
"FCD CONTRACT # 93-33"

INDEX MAP



0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

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SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE _____

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **333** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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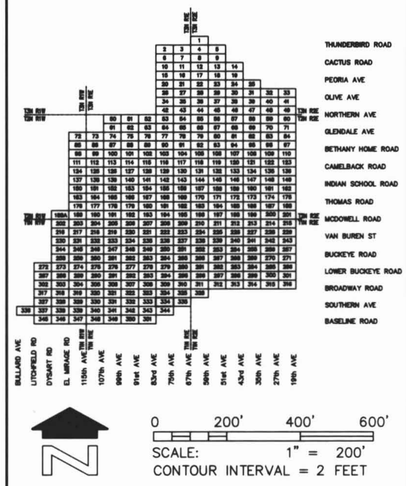

N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **334** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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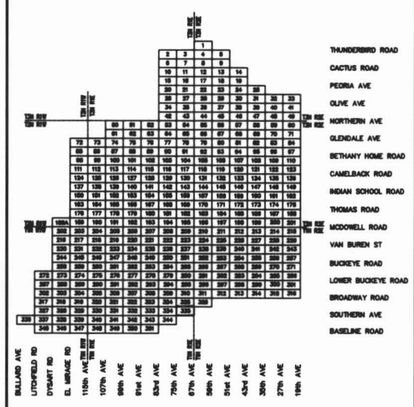

N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE APRIL 21,1994

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SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE _____

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 335 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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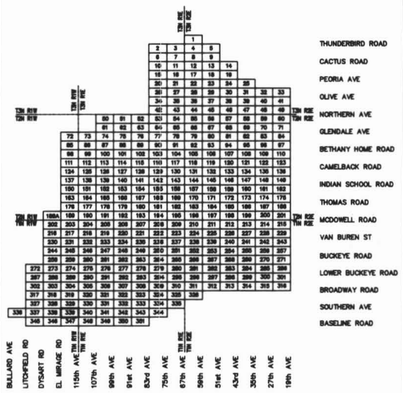

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 20,1994**

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SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET **339** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
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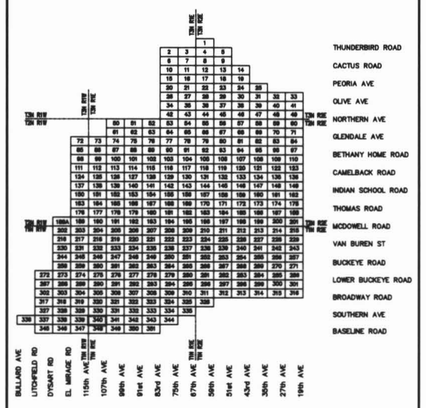

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **MAY 2,1994**

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SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET **340** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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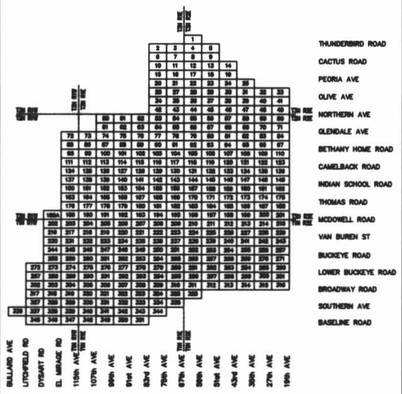

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: **KENNEY AERIAL MAPPING INC.**
FLIGHT DATE **APRIL 21,1994**

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SUBMITTED BY:
DATE:

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

RECOMMENDED BY:
DATE
APPROVED BY:
DATE
CHIEF ENGINEER AND GENERAL MANAGER

SHEET **341** OF **351**

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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"FCD CONTRACT # 93-33"

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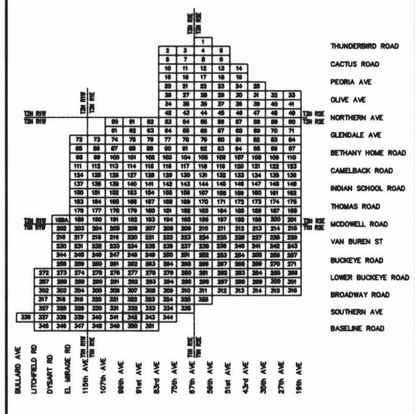

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: _____ DATE _____

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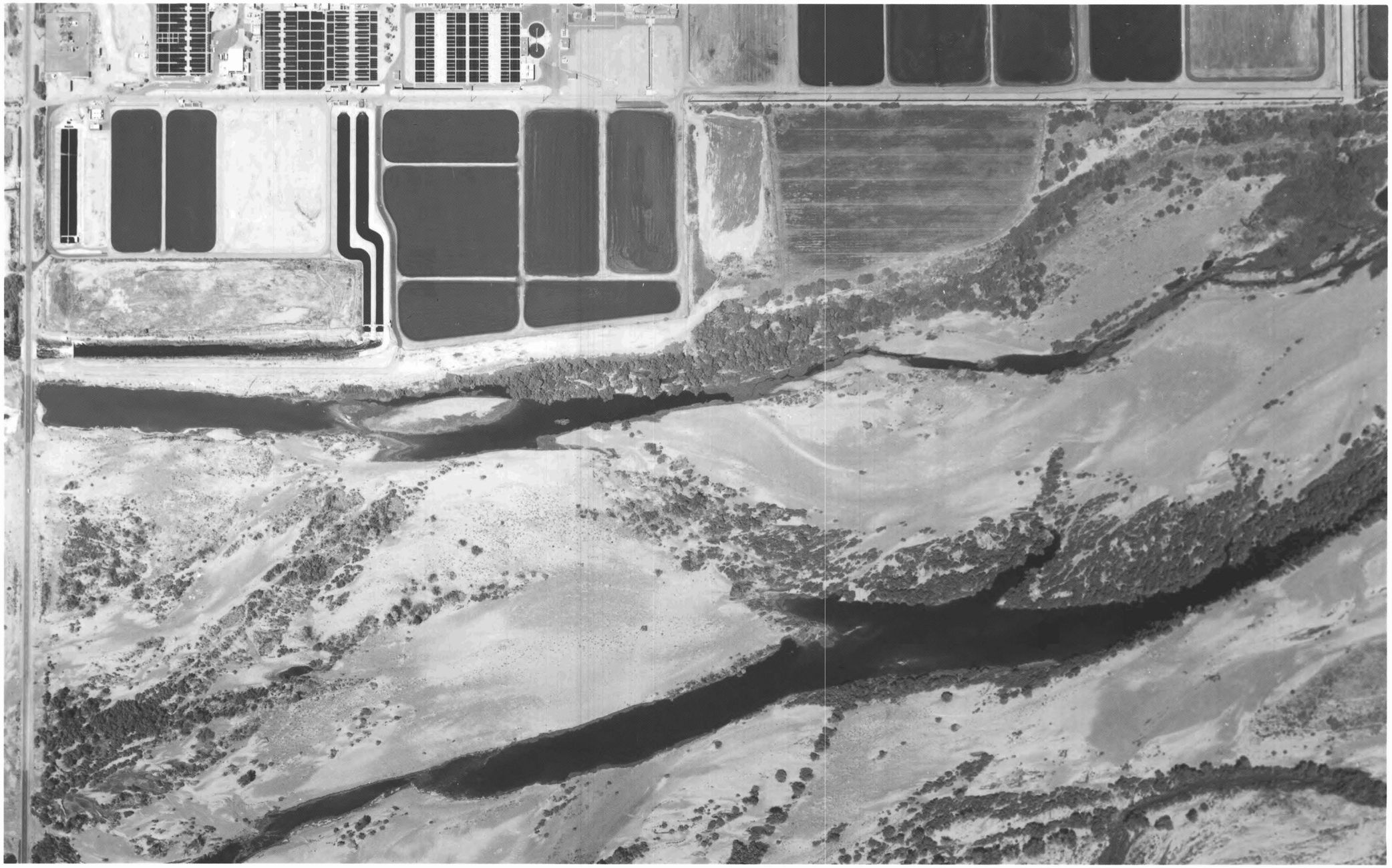
CHIEF ENGINEER AND GENERAL MANAGER

SHEET **342** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

MARYVALE
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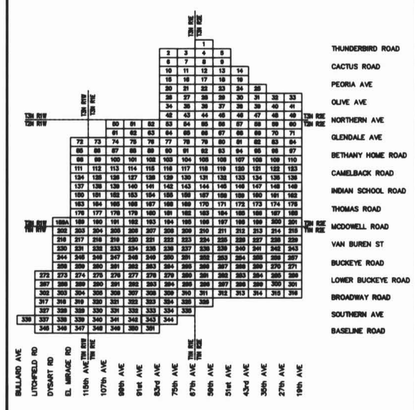

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

	BY	DATE
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DESIGN CHK.		
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PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 343 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

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MARYVALE
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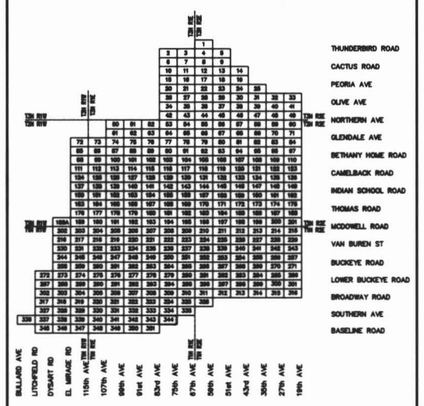

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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DESIGN CHK.		
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PLANS CHK.		

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET **344** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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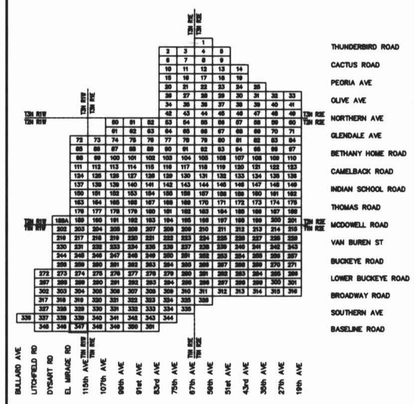

0 200' 400' 600'
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

FLOWN BY: KENNEY AERIAI MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **347** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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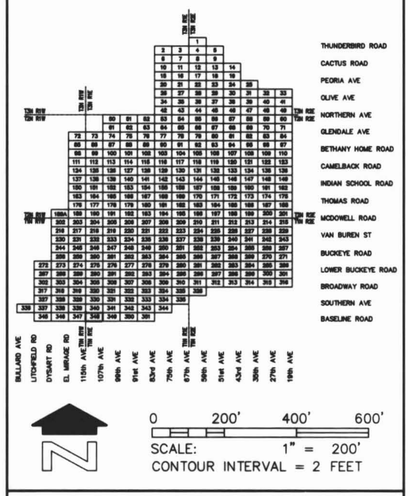

N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **MAY 2,1994**

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PLANS CHK.		

SUBMITTED BY: _____ DATE: _____

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET **348** OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

MARYVALE
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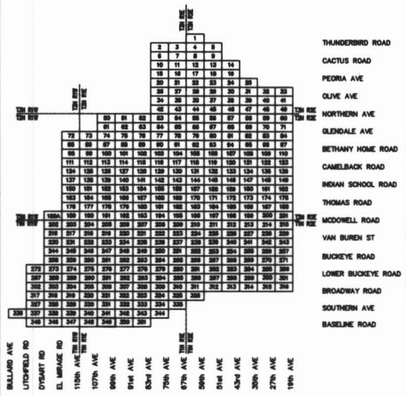

N

0 200' 400' 600'

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

FLOWN BY: KENNEY AERIAL MAPPING INC.
FLIGHT DATE **APRIL 21,1994**

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PLANS CHK.		

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 349 OF 351

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
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DATA PROVIDED BY KAMINSKI-HUBBARD ENGINEERING INC. AND PROJECT ENGINEERING CONSULTANTS, LTD.