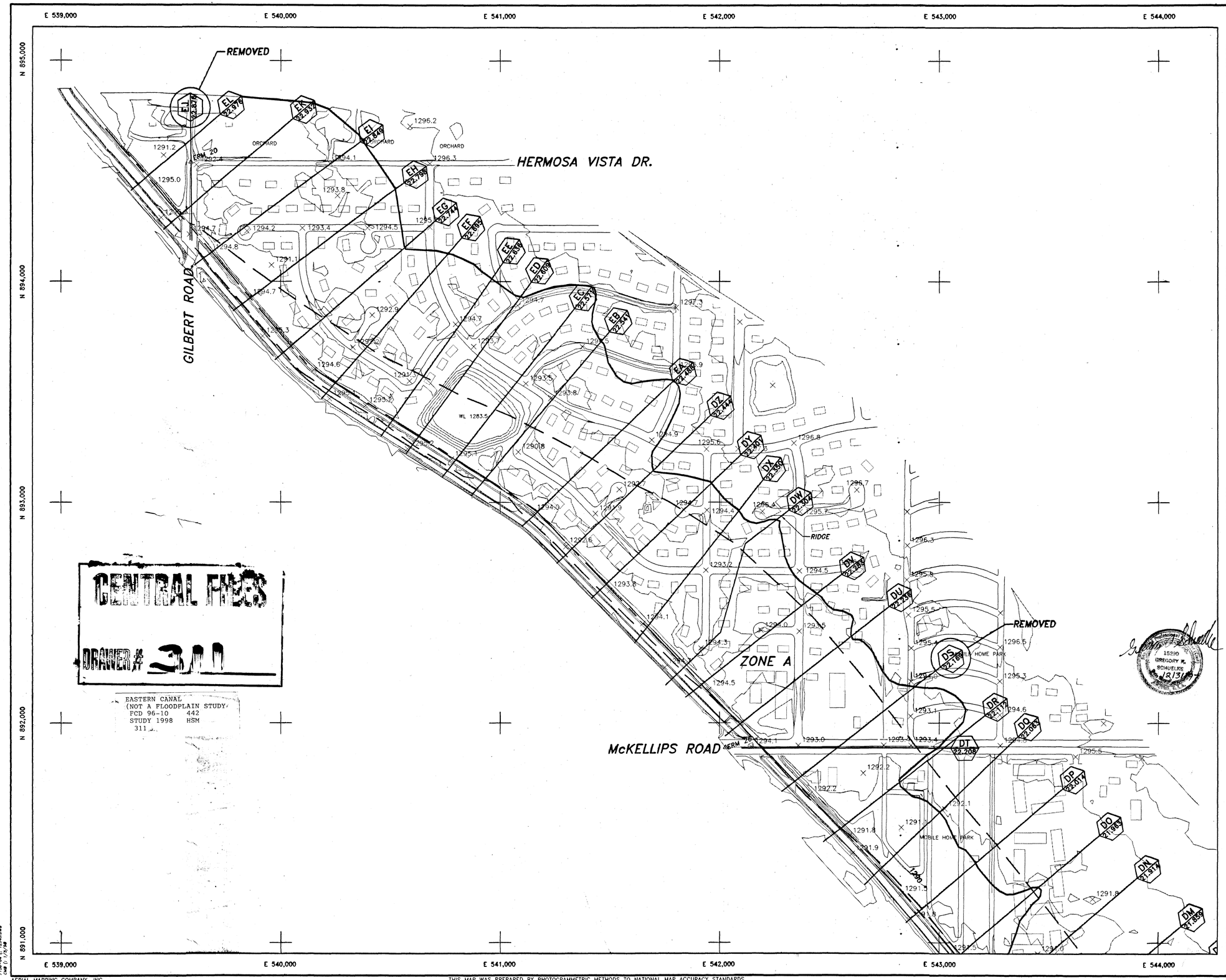
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10



CENTRAL FILES
DRAWER # 300

EASTERN CANAL
(NOT A FLOODPLAIN STUDY)
FCD 96-10 442
STUDY 1998 HSM
311

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. / RIVER MILE ID. AA 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

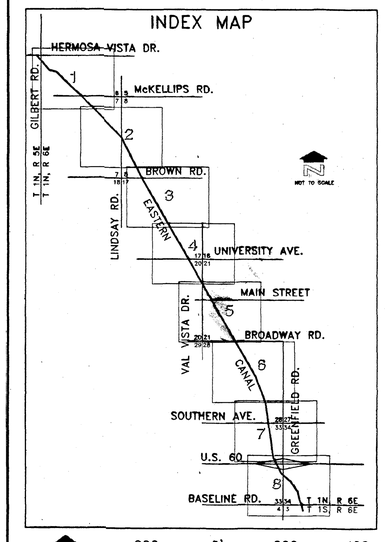
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 20	1292.12'	C.O.M. B.C. IN H.H. (0.72' BELOW RIM) INTER. HERMOSA VISTA / OLD GILBERT RD.
E.R.M. 26	1292.99'	UNMKED. B.C. IN H.H. AT CENTER-LINE McKELLIPS RD. 100'± W. OF E. CANAL (0.30' BELOW RIM)

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200
A-N W #7158-04

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

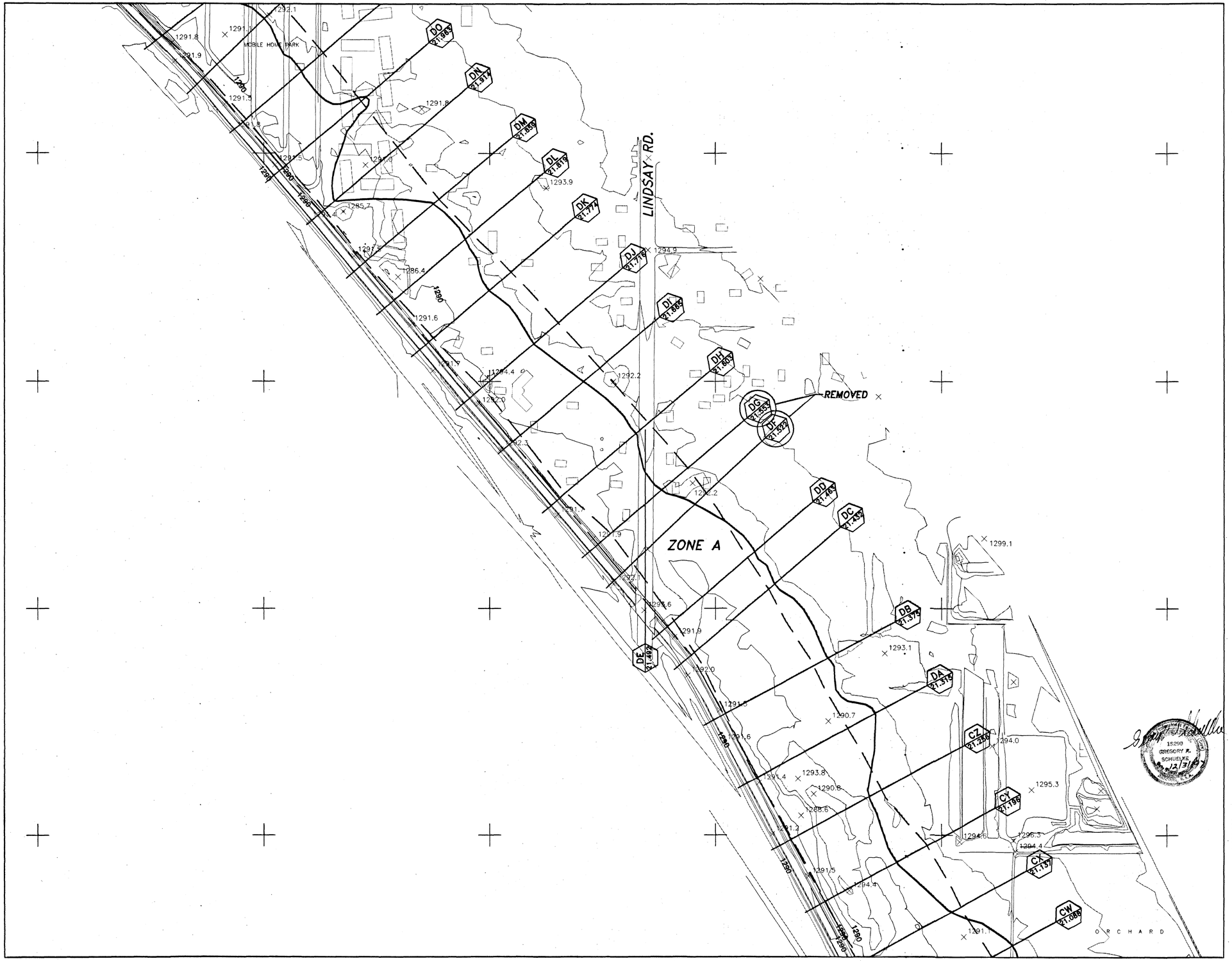
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 1 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL
F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

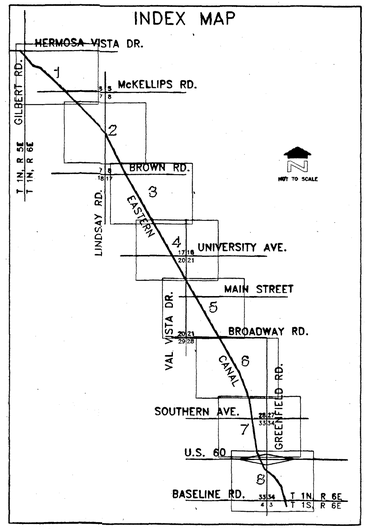
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
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 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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
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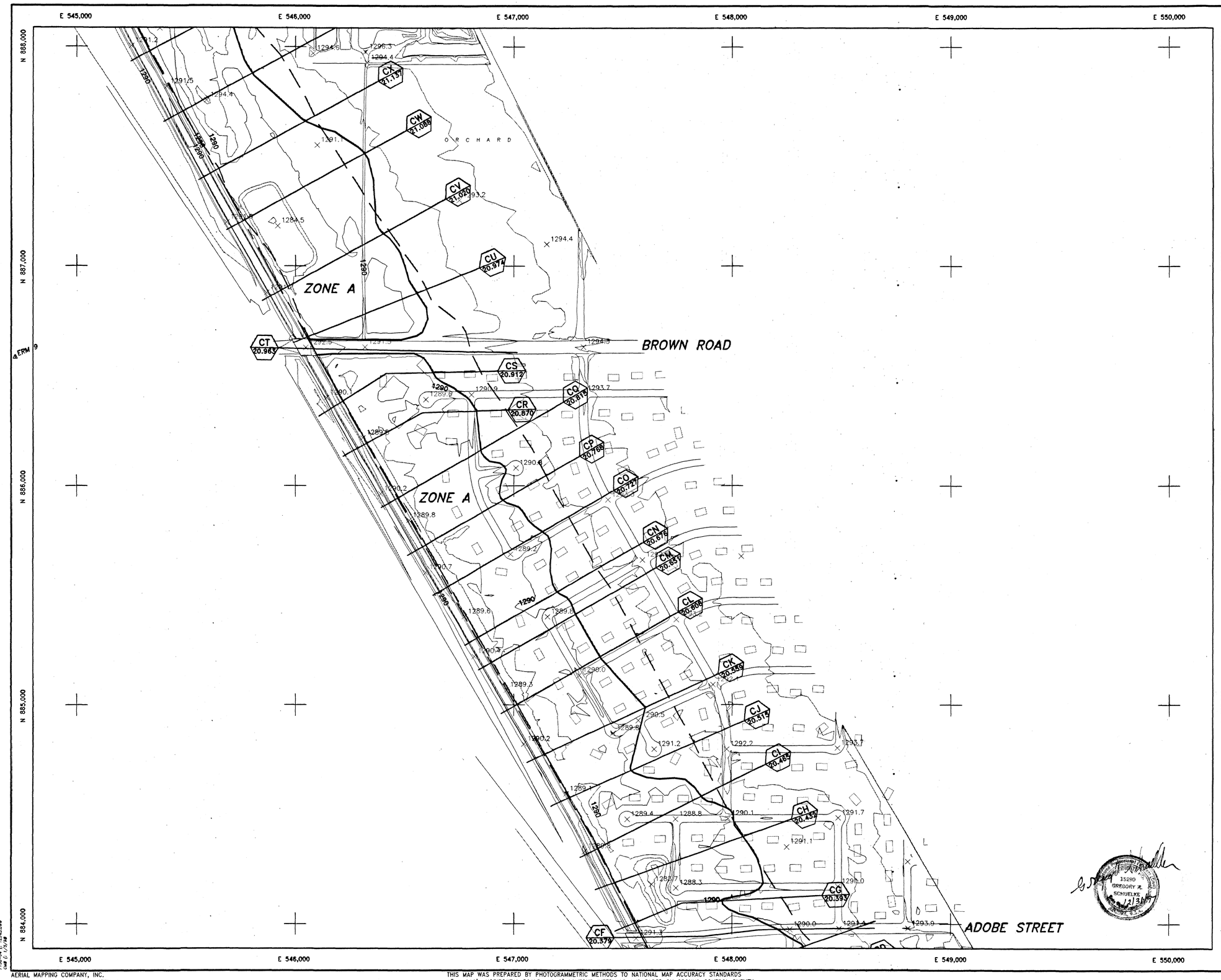


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

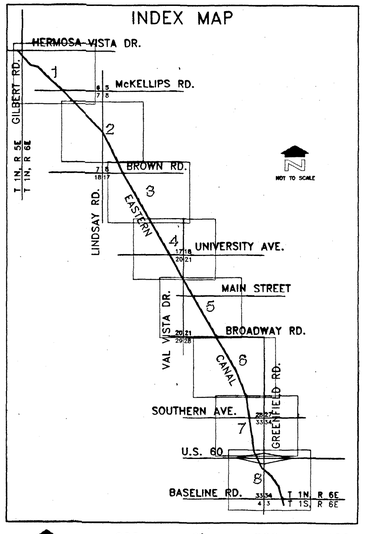
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 9	1281.32'	C.O.M. B.C. IN H.H. (0.90' BELOW RIM) INTER. BROWN / LINDSAY RD.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

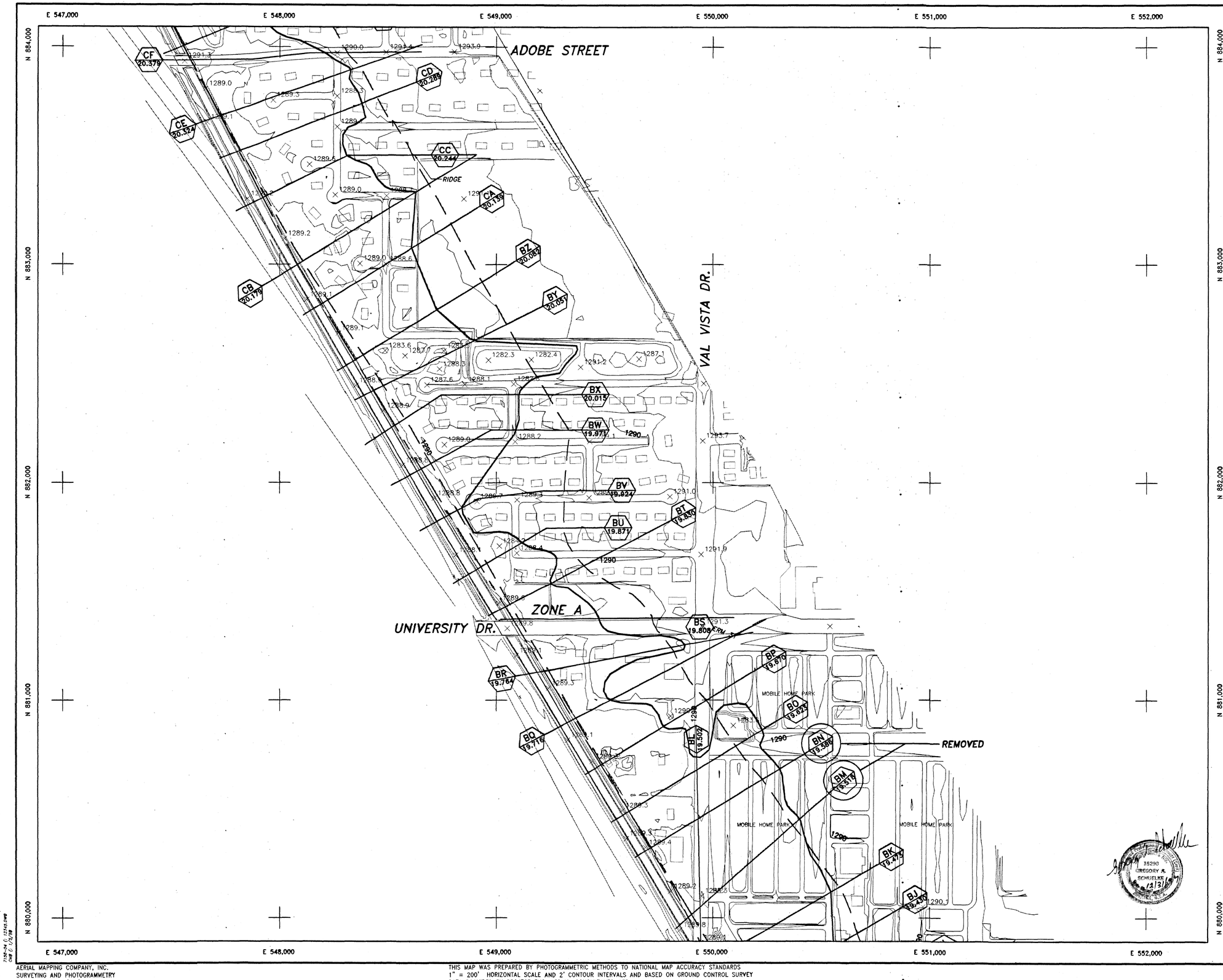
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 3 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

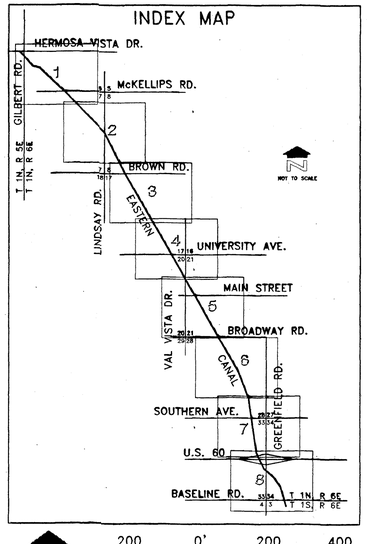
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 31	1290.53'	C.O.M. B.C. IN H.H. (0.58' BELOW RIM) INTER. UNIVERSITY / VAL VISTA DR.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
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(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

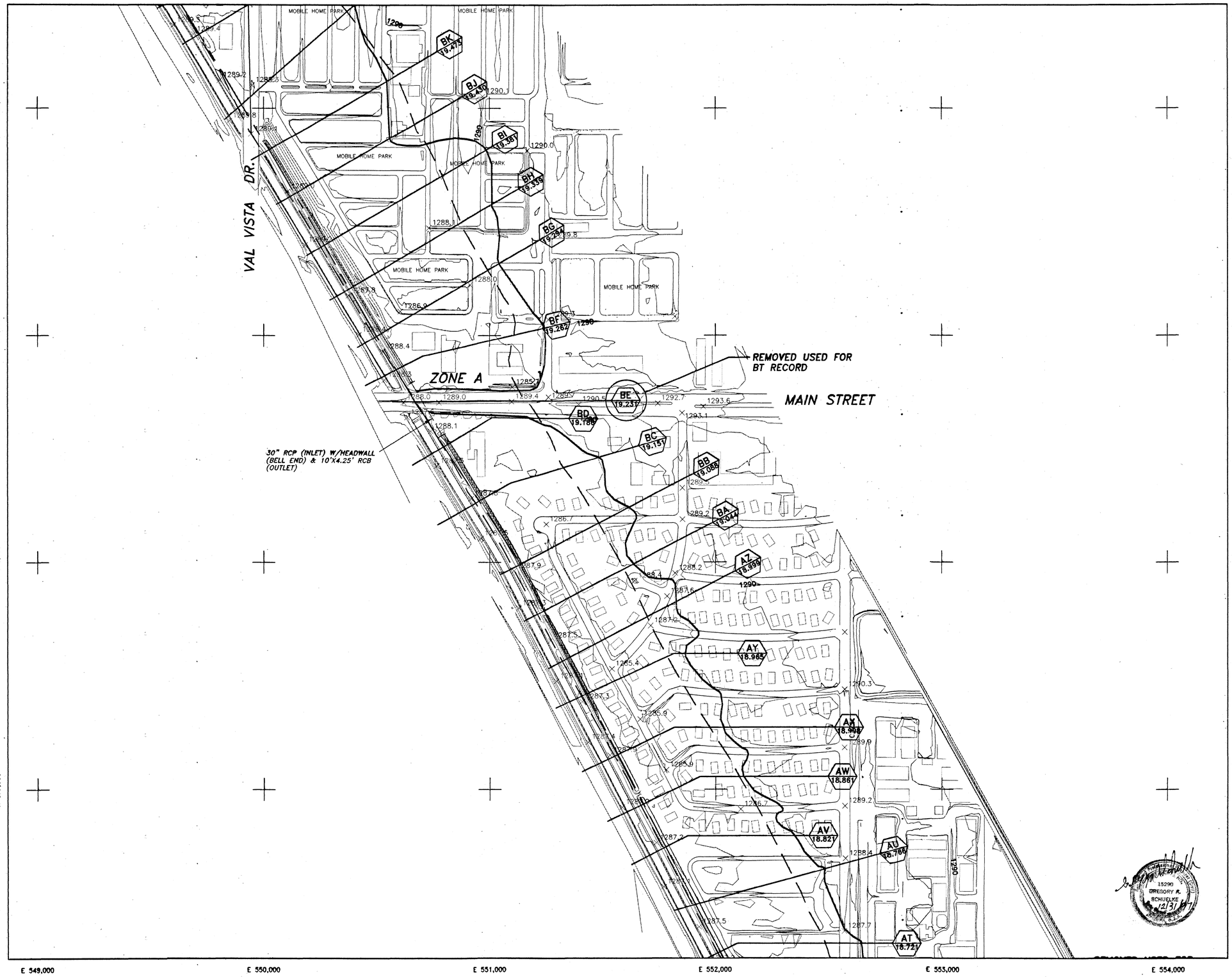
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 4 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA; RIVER MILE ID. 22.304; Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

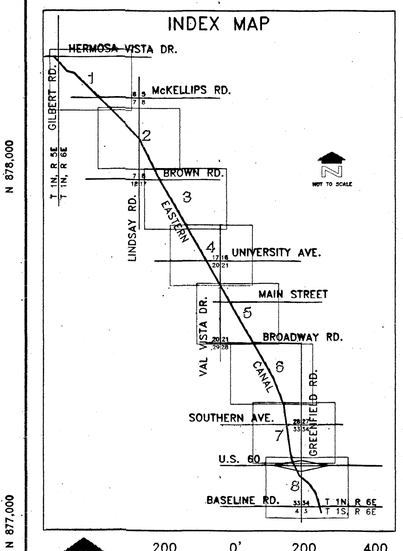
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

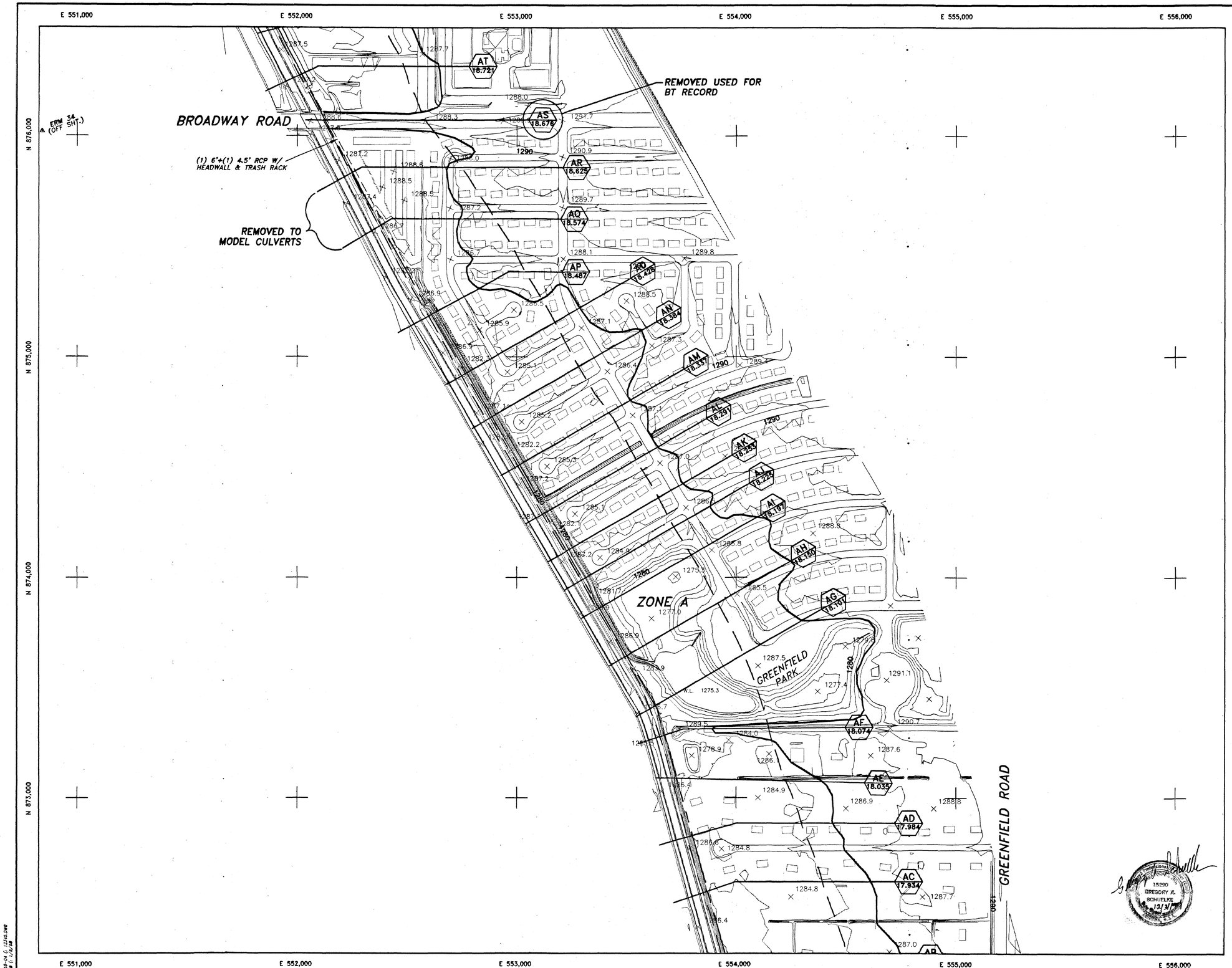
SHEET 5 of 8

T.D.N. SECTION 2.5

7155-04 C 12246.DWG
CMB C 1/5/98

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

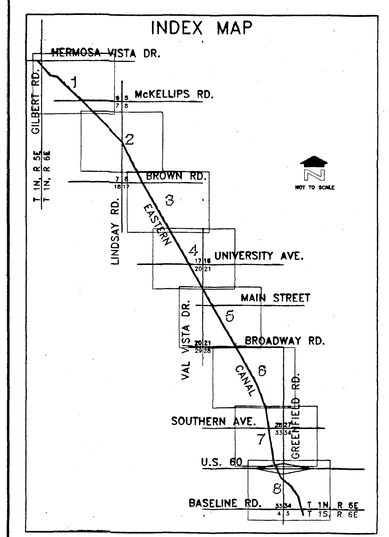
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 34	1274.10'	C.O.M. B.C. IN H.H. (0.48' BELOW RIM) INTER. VAL VISTA DR. / BRAODWAY RD.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

DESIGN	BY: GAB	DATE
DESIGN CHK.	GAS	
PLANS	CMB	
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 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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
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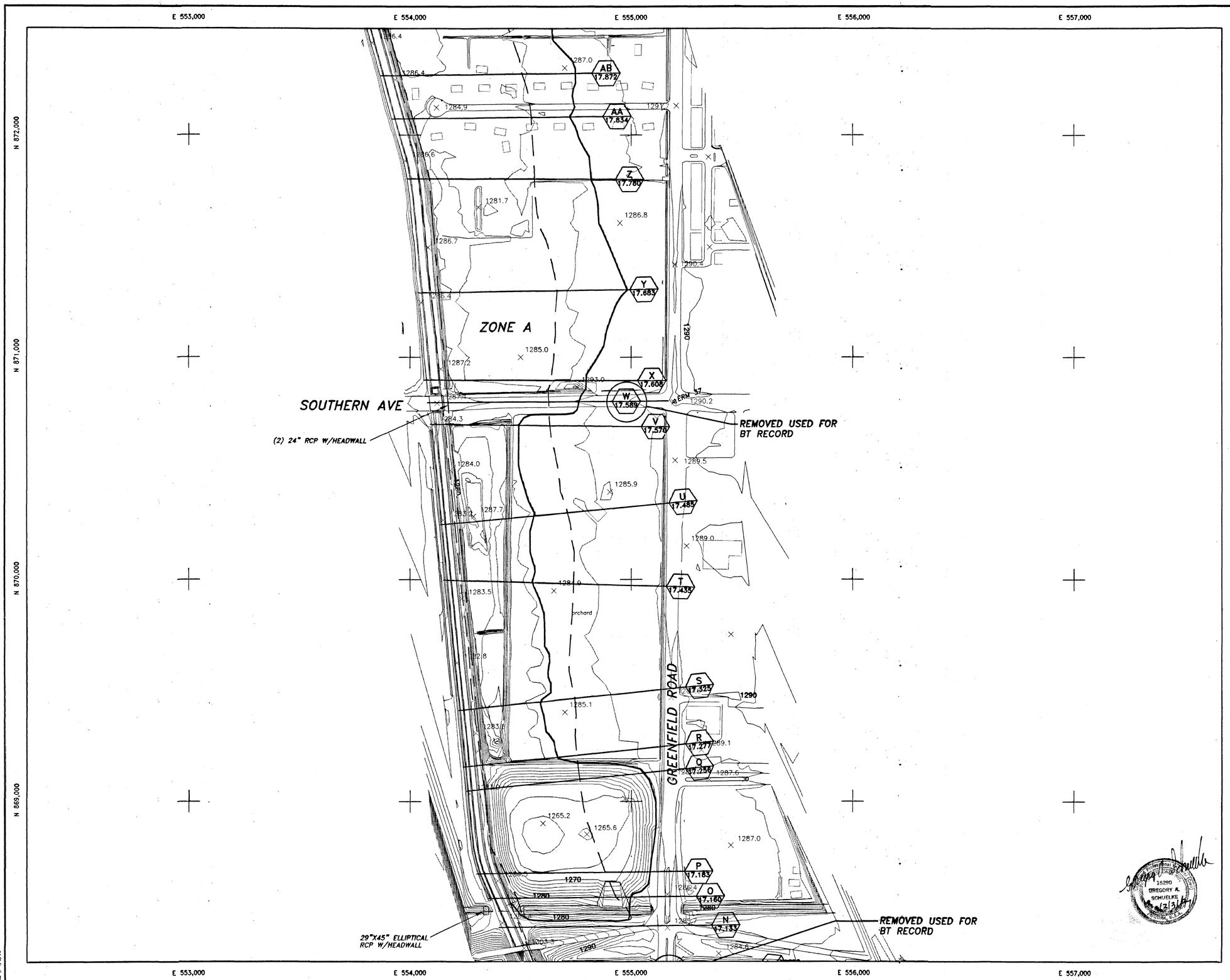


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL
F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS / FD=100 Yr WSE / FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

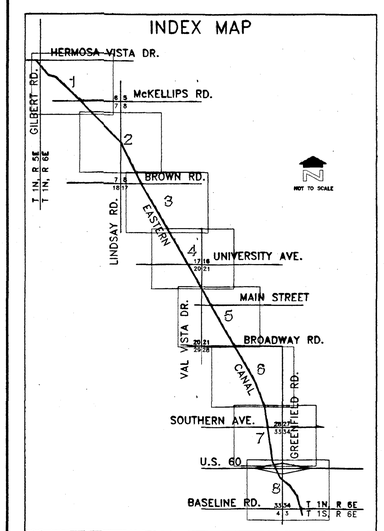
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 37	1289.79'	C.O.M. B.C. IN H.H. (0.49' BELOW RIM) INTER. SOUTHERN AVE. / GREENFIELD RD.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

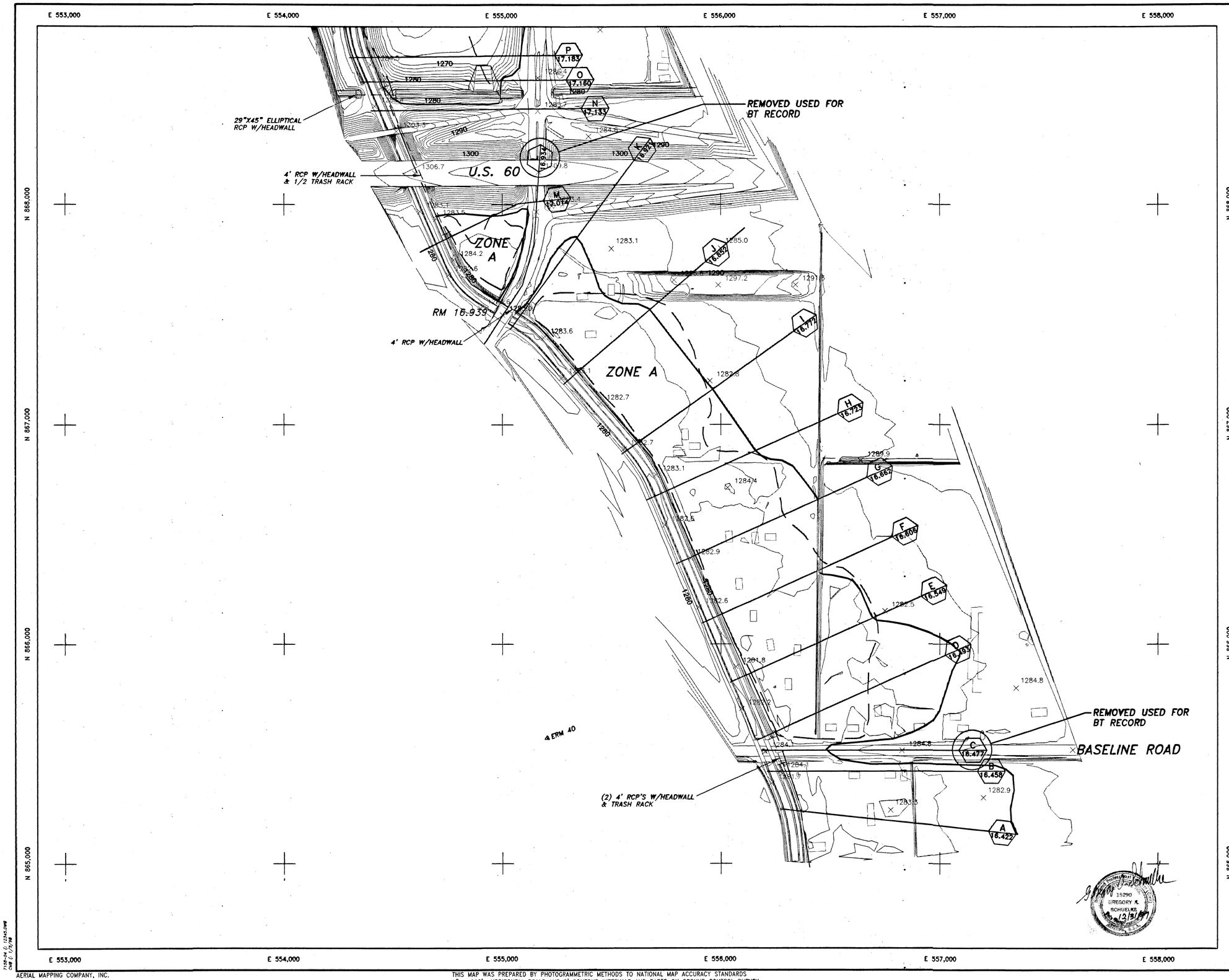
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 7 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL
F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

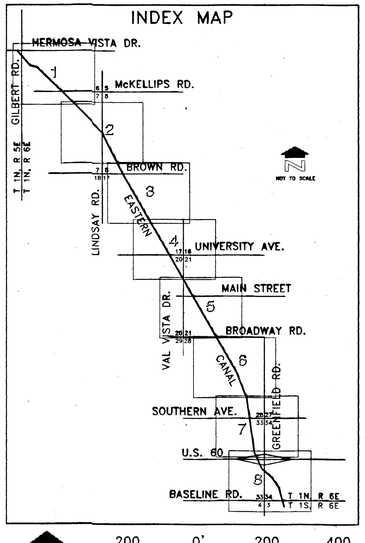
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 40	1277.84'	C.O.M. B.C. IN H.H. (0.49' BELOW RIM) INTER. BASLINE RD. / E. VALLEY AUTO DR.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
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(602)861-2200
A-N W #7158-04

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 8 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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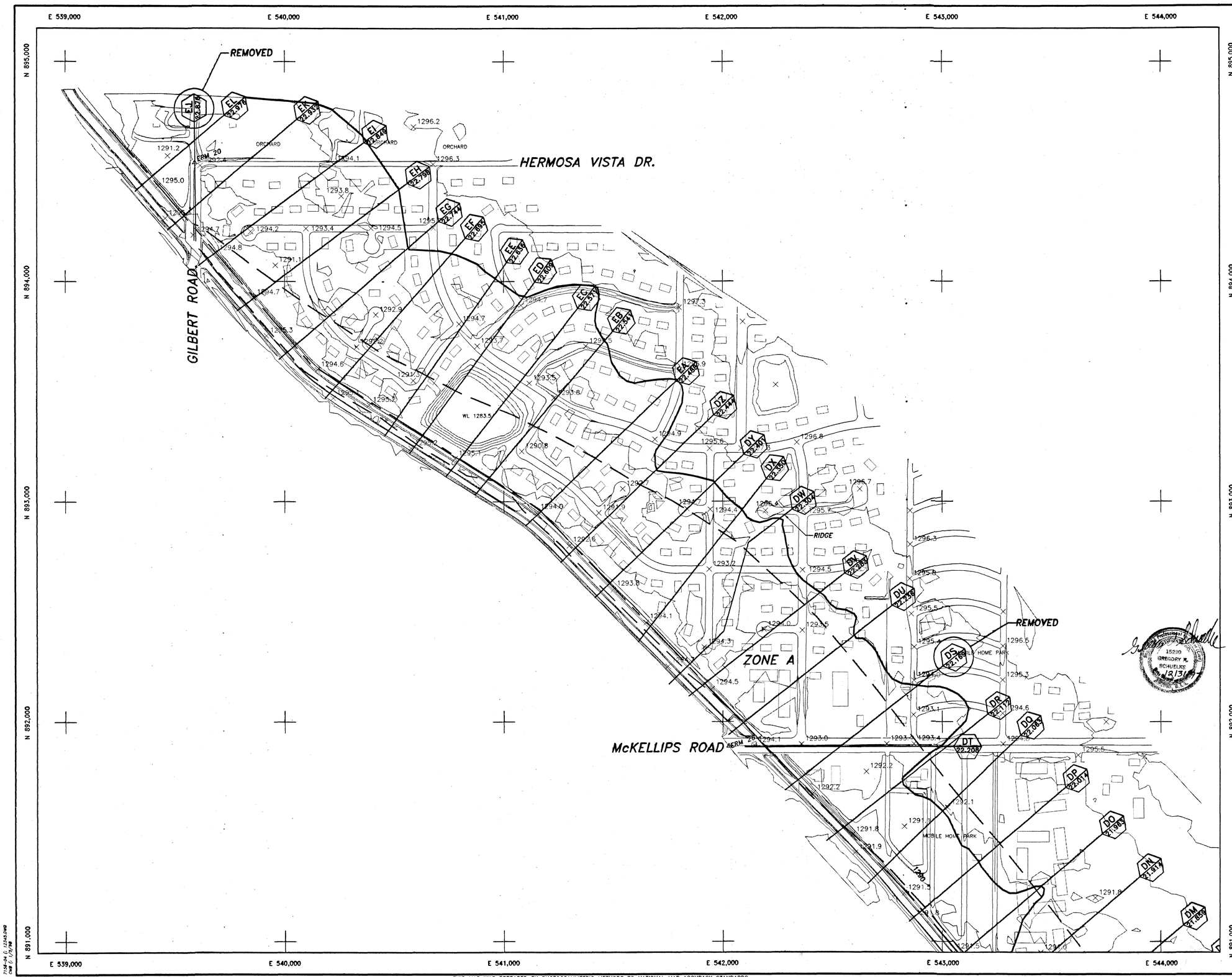
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA; RIVER MILE ID. 22.304; Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
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I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
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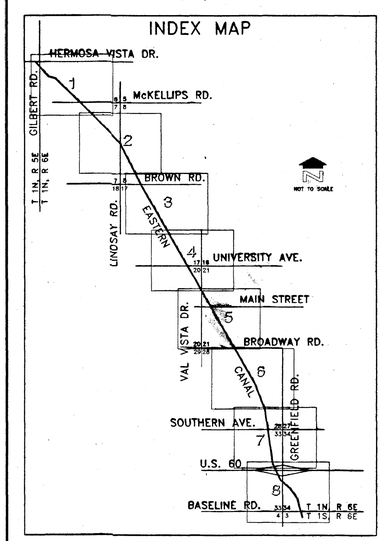
E.R.M. 26	1292.99'	UNMKED. B.C. IN H.H. AT CENTER-LINE McKELLIPS RD. 100'± W. OF E. CANAL (0.30' BELOW RIM)

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

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7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200
A-N W #7158-04

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

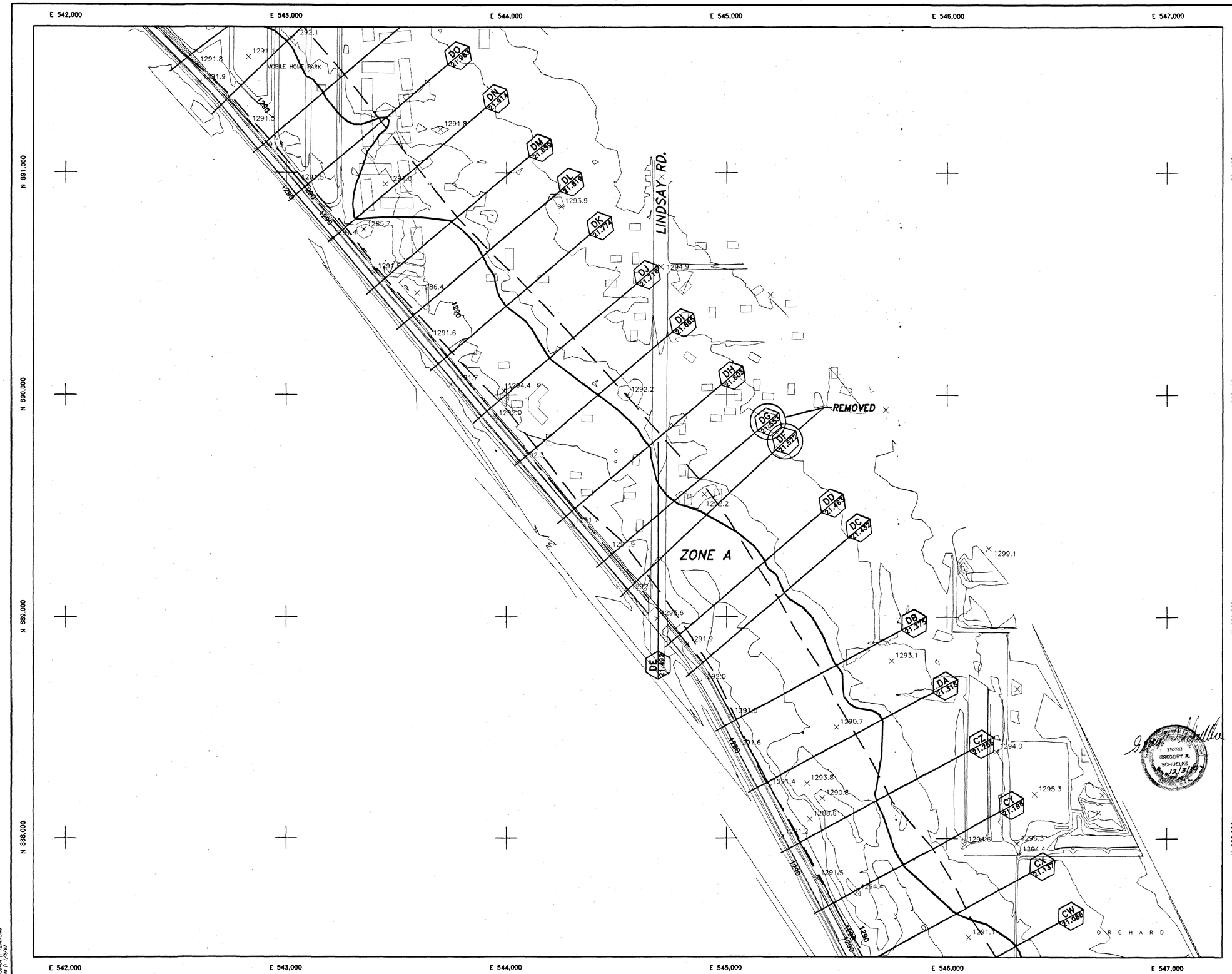
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 1 or 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

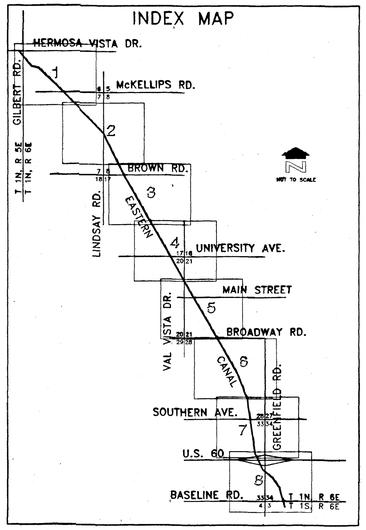
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-M WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

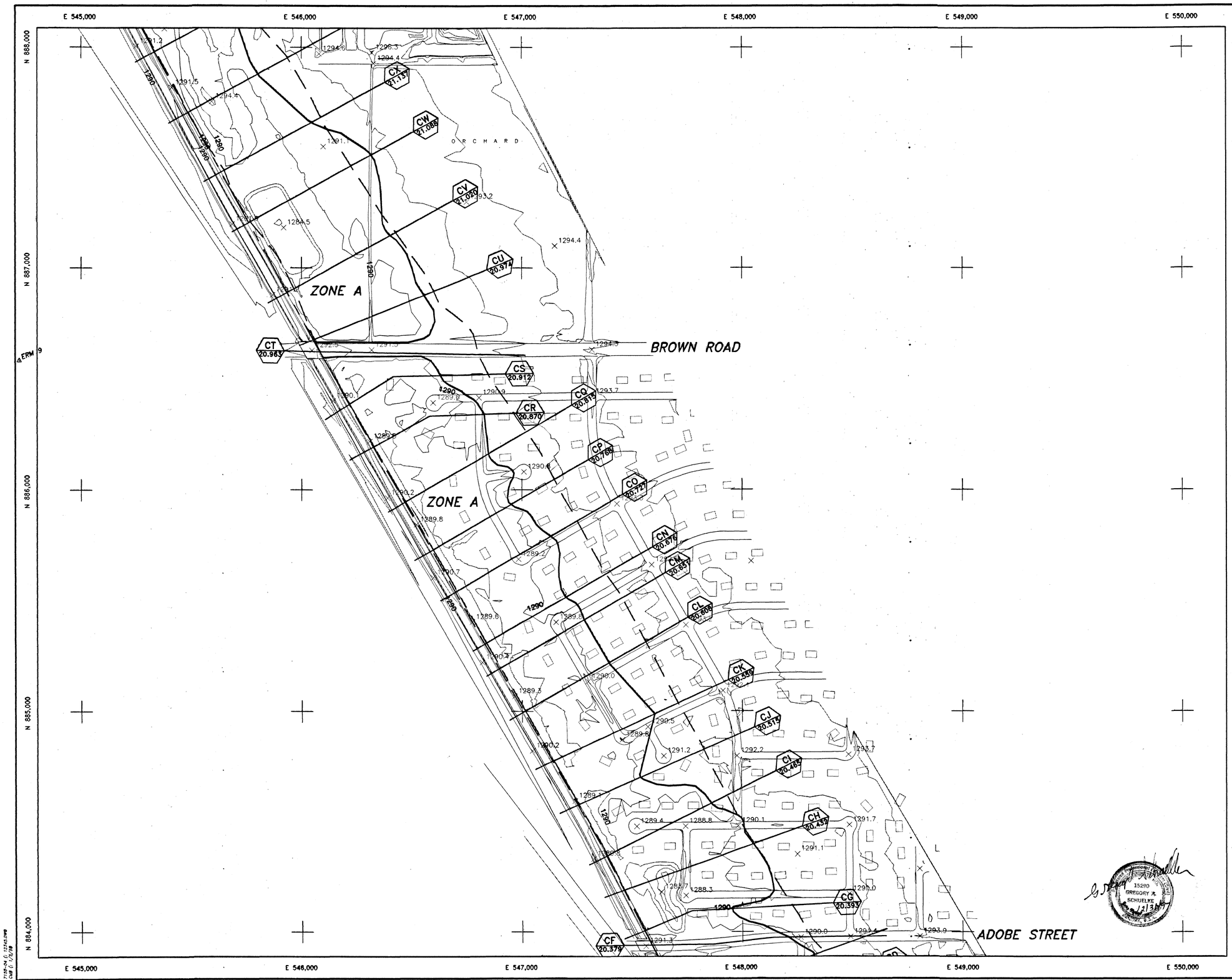
SHEET 2 OF 8

T.D.N. SECTION 2.5

7134-04 (1 1234S.DWG
GAB (1/16/97

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

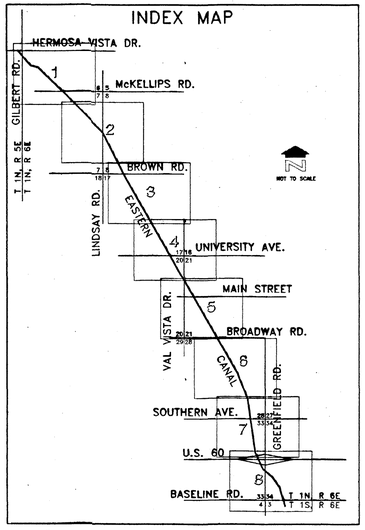
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 9	1281.32'	C.O.M. B.C. IN H.H. (0.90' BELOW RIM) INTER. BROWN / LINDSAY RD.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

R-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

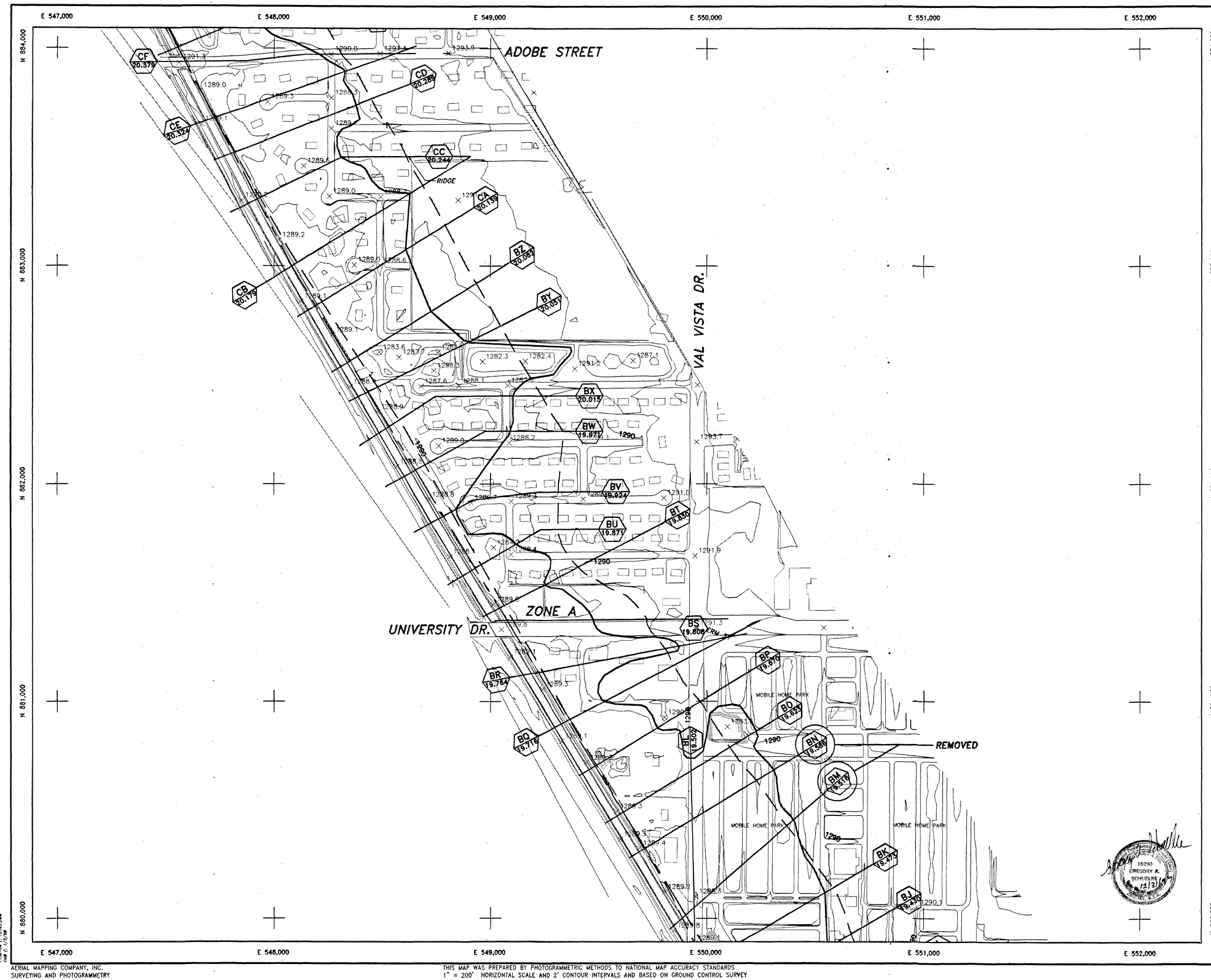
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 3 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

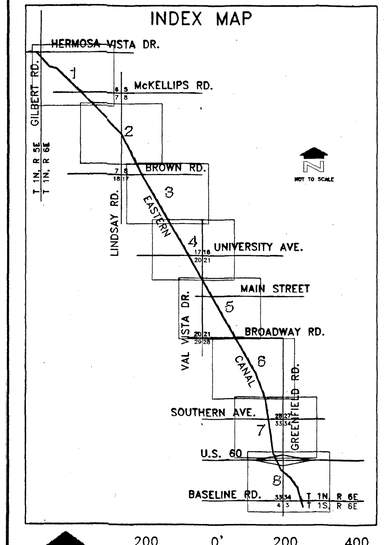
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 31	1290.53'	C.O.M. B.C. IN H.H. (0.58' BELOW RIM) INTER. UNIVERSITY / VAL VISTA DR.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

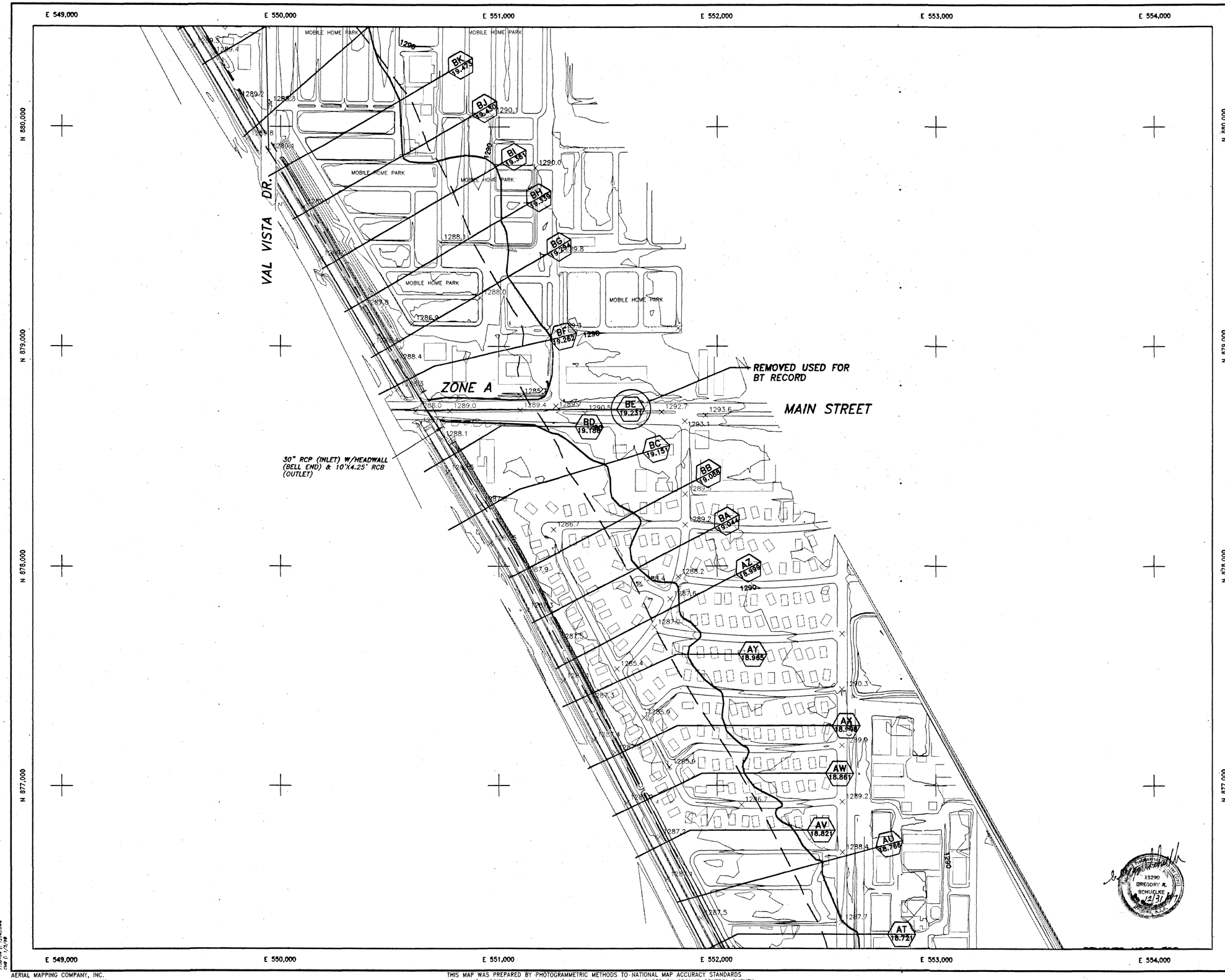
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 4 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL

F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA; RIVER MILE ID. 22.304; Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

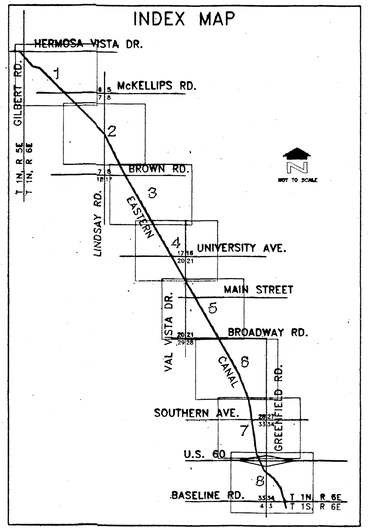
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
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 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL
F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

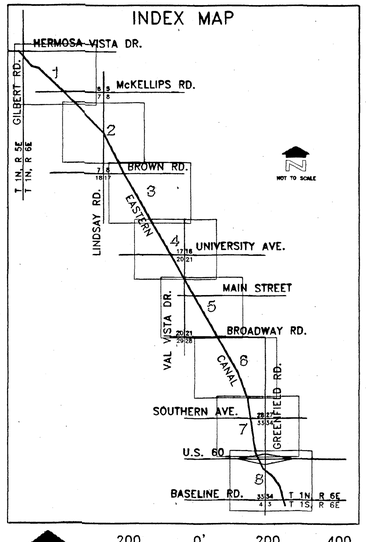
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 34	1274.10'	C.O.M. B.C. IN H.H. (0.48' BELOW RIM) INTER. VAL VISTA DR. / BRAODWAY RD.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

A-N WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

DESIGN	BY GAB	DATE
DESIGN CHK.	GAS	
PLANS	CMB	
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 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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
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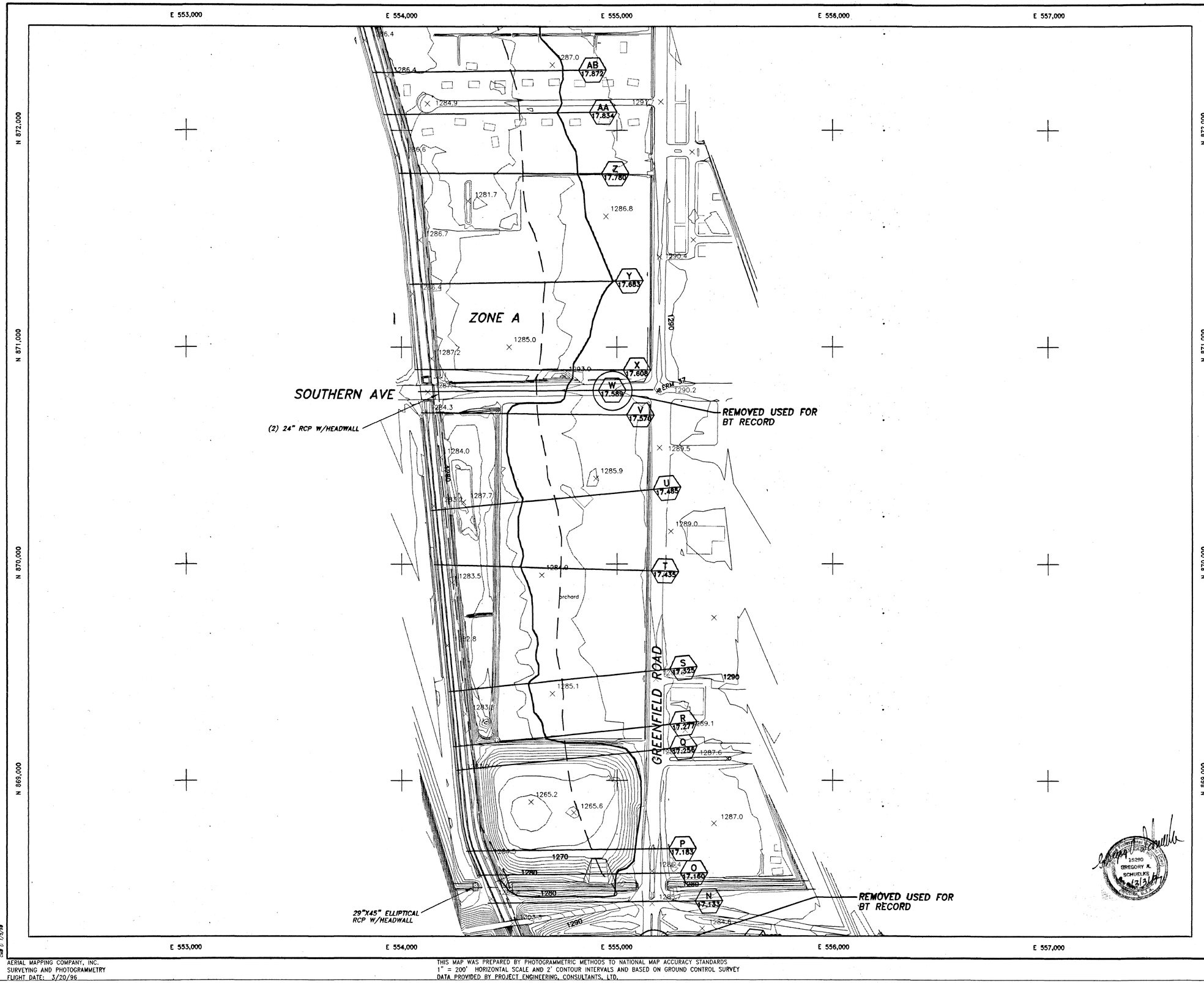


FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF EASTERN CANAL
F.C.D. CONTRACT NO. 96-10

LEGEND

EFFECTIVE APPROX. A BOUNDARY	
PROPOSED UPDATED APPROX. ZONE A BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	LETTER ID. AA / RIVER MILE ID. 22.304 — Q=100 Yr DISCHARGE, CFS; FD=100 Yr WSE; FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 X
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	
COUNTY OR STATE JURISDICTIONAL BOUNDARY	

ELEVATION REFERENCE MARKS

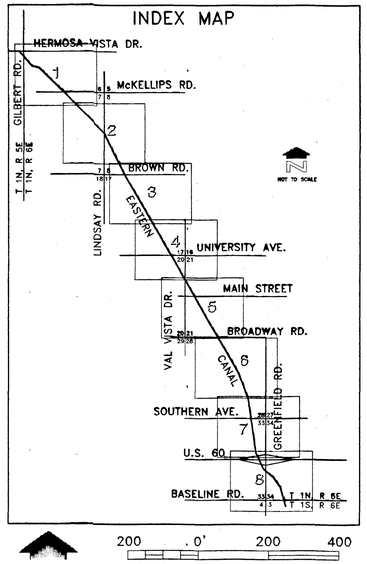
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
E.R.M. 37	1289.79'	C.O.M. B.C. IN H.H. (0.49' BELOW RIM) INTER. SOUTHERN AVE. / GREENFIELD RD.

NOTES

1. CROSS-SECTION STA. 10,000.00 IS HYDRAULIC BASELINE

INDEX MAP



200 0' 200 400

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

R-O WEST INC.
Consulting Engineers
7600 N. 15th Street, Suite 200
Phoenix, Arizona 85020
(602)861-2200

	BY	DATE
DESIGN	GAB	
DESIGN CHK.	GAS	
PLANS	CMB	
PLANS CHK.		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

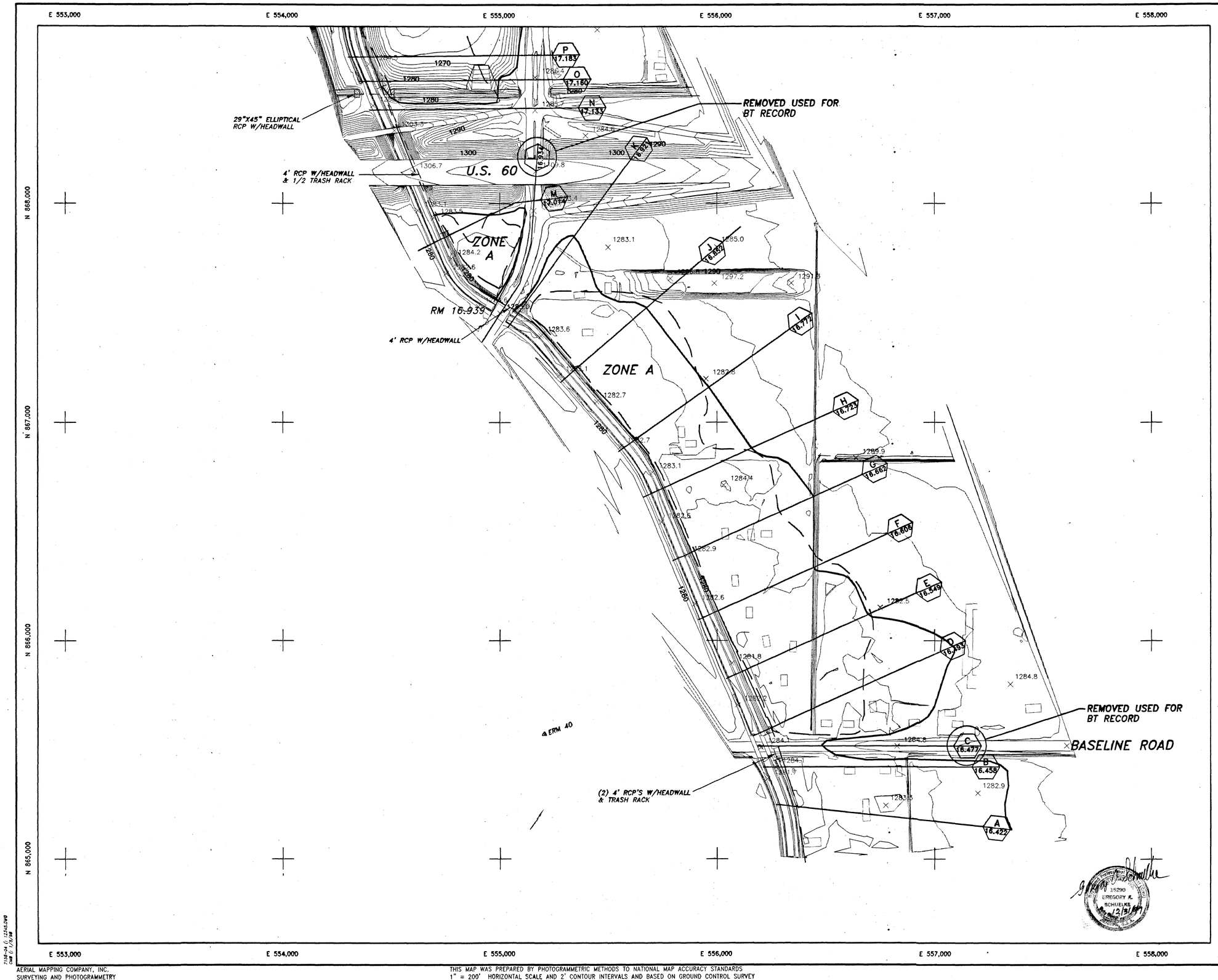
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 7 OF 8

T.D.N. SECTION 2.5

AERIAL MAPPING COMPANY, INC.
SURVEYING AND PHOTOGRAMMETRY
FLIGHT DATE: 3/20/96

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 PROJECT ENGINEERING, CONSULTANTS, LTD.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E 556,000
E 557,000
E 558,000
N 868,000
N 867,000
N 866,000
N 865,000
29"X45" ELLIPTICAL RCP W/HEADWALL
4' RCP W/HEADWALL & 1/2 TRASH RACK
4' RCP W/HEADWALL
U.S. 60
ZONE A
ZONE A
RM 16.939
REMOVED USED FOR BT RECORD
REMOVED USED FOR BT RECORD
BASELINE ROAD
(2) 4' RCP'S W/HEADWALL & TRASH RACK
ERM 40
P 17.183
O 17.160
N 17.133
L 16.939
M 17.017
J 16.852
I 16.717
H 16.723
G 16.662
F 16.605
E 16.549
D 16.493
C 16.477
B 16.458
A 16.422
1270
1280
1290
1300
1306.7
1283.1
1285.0
1284.2
1283.6
1282.7
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