

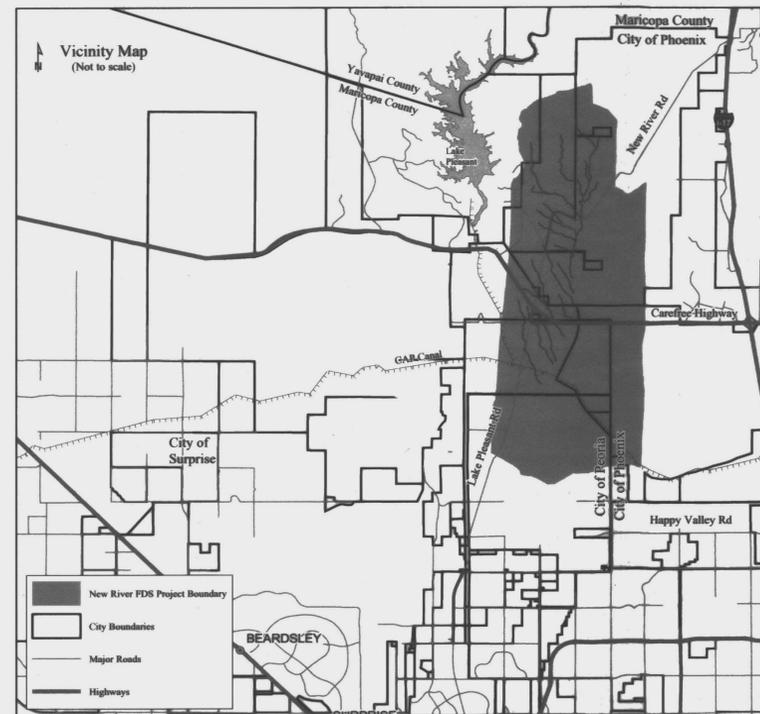
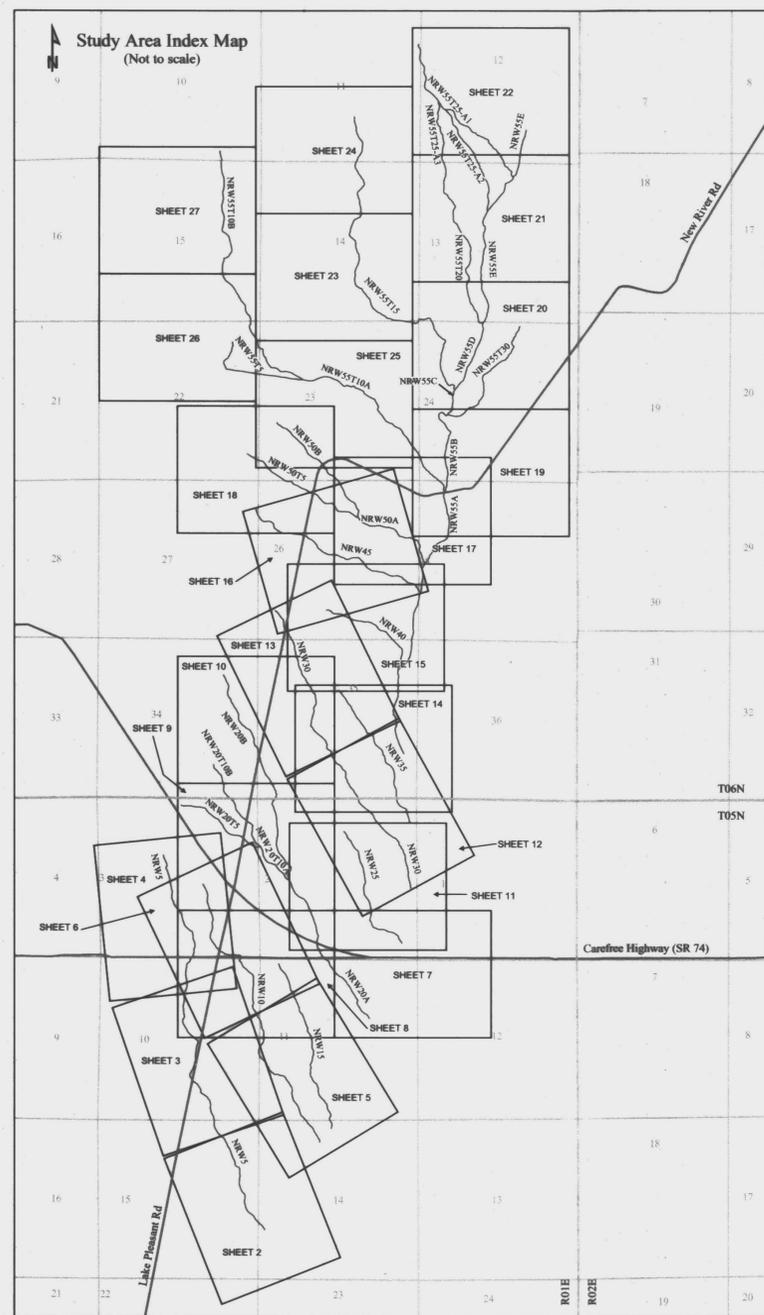


FEMA

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LIMITED DETAIL FLOODPLAIN DELINEATION STUDY
OF NEW RIVER WEST TRIBUTARIES FDS
FCD CONTRACT NUMBER 2003 C057

URS



DATUM

HORIZONTAL: NORTH AMERICAN DATUM OF 1983, STATE PLANE COORDINATES
VERTICAL: NORTH AMERICAN VERTICAL DATUM OF 1988

AERIAL MAPPING

DATABASED TERRAIN MAPPING, INC (DTM)
MARCH 2004
2' CONTOUR INTERVAL

STATEMENTS BY PROFESSIONAL REGISTRANTS

THE FOLLOWING STATEMENTS APPLY TO THE INDIVIDUAL SEALS AFFIXED TO EACH OF THE MAPS FOLLOWING THE COVER SHEET.

 _____ 9.28.06
 Marc McIntosh, P.E. Date

THE FLOODPLAIN AND FLOODWAY DELINEATION WERE PREPARED UNDER MY DIRECT SUPERVISION:

 _____ 9.28.06
 Marc McIntosh, P.E. Date

HYDRAULICS

URS CORP
7720 NORTH 16TH STREET, SUITE 100
PHOENIX, ARIZONA 85020



CENTRAL FILES
307
DRAWER #



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
 - FP = 1888.74
 - Q = 123 CFS
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

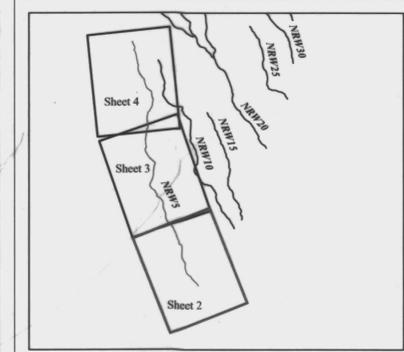
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43142	1581.54	SET REBAR WITH 2" CAP STAMPED "43142" ON NORTH SIDE OF "OLD CAREFREE HWY", EAST OF THE END OF THE RUNWAY AT THE WEST END OF THE GLIDER PARKIN SEC 3 TSN, R1E
43143	1579.96	SET REBAR WITH 2" CAP STAMPED "43143" ON WEST SIDE OF PIPELINE APPROXIMATELY 250' NORTH OF "OLD CAREFREE HWY", NW OF ITS INTERSECTION WITH LAKE PLEASANT ROAD IN SEC 3, TSN, R1E
43149	1559.38	SET REBAR WITH 2" CAP STAMPED "43149" EAST OF A POWER POLL ON EASTERLY R.O.W. OF LAKE PLEASANT ROAD APPROXIMATELY 2000' SOUTH OF "OLD CAREFREE HWY" IN SEC 10, TSN, R1E
43155	1485.44	SET REBAR WITH 2" CAP STAMPED "43155" IN CAP R.O.W. EAST OF WASH CROSSING AREA WHERE CAP IS UNDERGROUND IN SEC 14, TSN, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	04.13.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057

URS

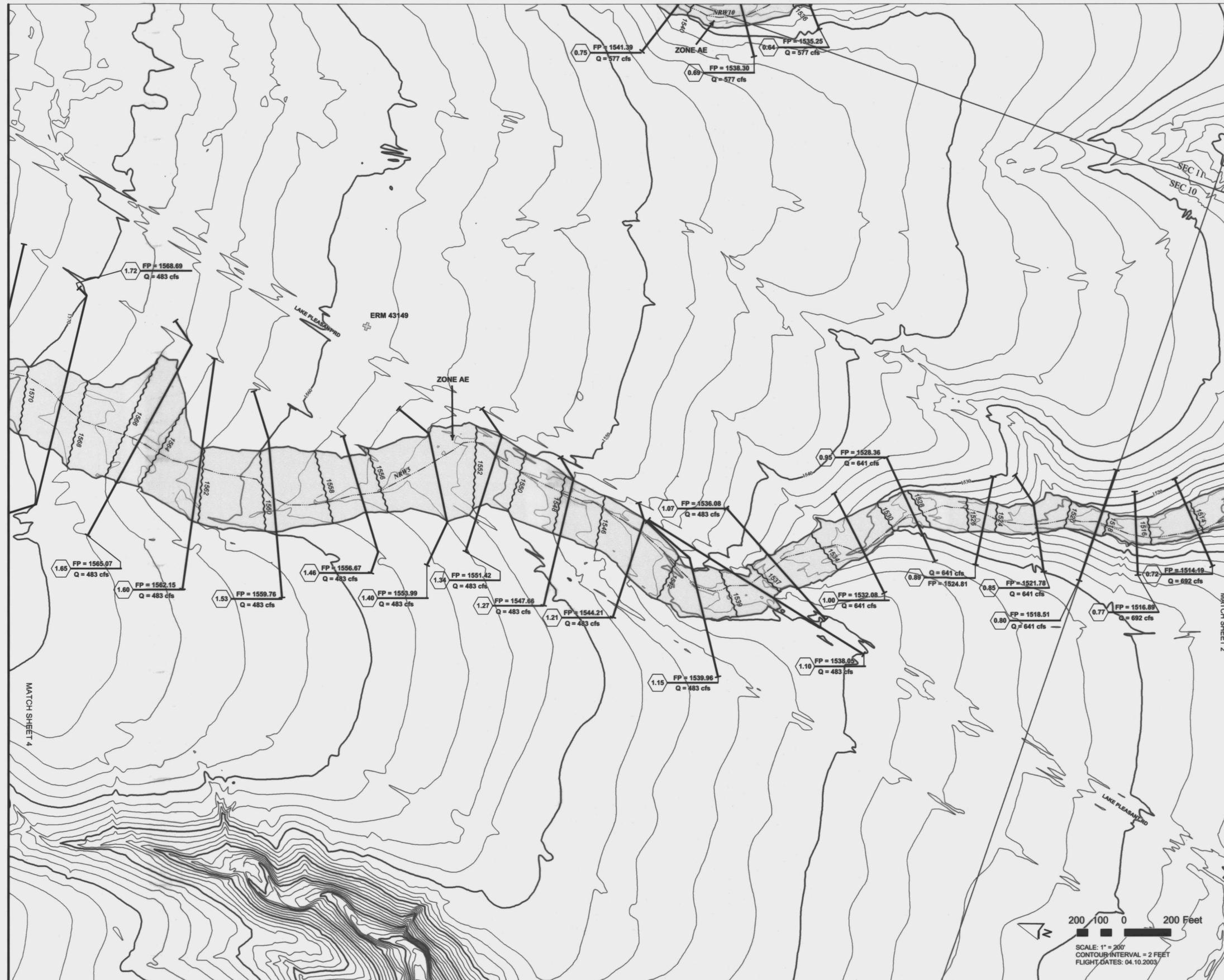
DESIGN	BY	DATE
DESIGN CHK		
PLANS	DEG	12.10.04
PLANS CHK	MCFD	12.10.04

Sheet 2 of 27

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

AERIAL PHOTOGRAPHY PROVIDED BY: DATABASES TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASES TERRAIN MAPPING, INC.



LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY

HYDRAULIC BASE LINE

CROSS SECTION $FP = 1888.74$
 $Q = 123 CFS$

ELEVATION REFERENCE MARK ERM XXX

BASE FLOOD ELEVATIONS 1221

ZONE DESIGNATIONS **ZONE AE**

CORPORATE LIMITS Corporate Limits

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY County Boundary

10 FT CONTOUR LINES 1500

2 FT CONTOUR LINES

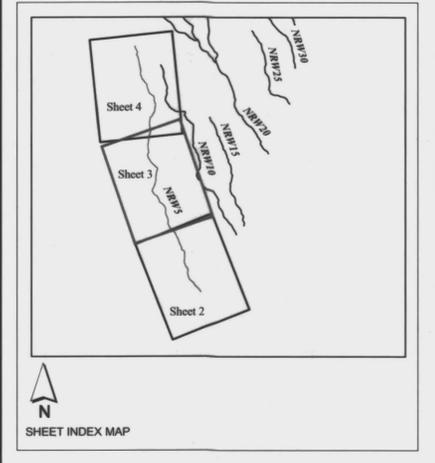
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD88 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43142	1581.54	SET REBAR WITH 2" CAP STAMPED "43142" ON NORTH SIDE OF "OLD CAREFREE HWY" EAST OF THE END OF THE RUNWAY AT THE WEST END OF THE GLIDER PARKIN SEC 3 T5N, R1E
43143	1579.96	SET REBAR WITH 2" CAP STAMPED "43143" ON WEST SIDE OF PIPELINE APPROXIMATELY 250' NORTH OF "OLD CAREFREE HWY" NW OF ITS INTERSECTION WITH LAKE PLEASANT ROAD IN SEC 3, T5N, R1E
43149	1559.38	SET REBAR WITH 2" CAP STAMPED "43149" EAST OF A POWER POLL ON EASTERLY R.O.W. OF LAKE PLEASANT ROAD APPROXIMATELY 2000' SOUTH OF "OLD CAREFREE HWY" IN SEC 10, T5N, R1E
43155	1485.44	SET REBAR WITH 2" CAP STAMPED "43155" IN CAP R.O.W. EAST OF WASH CROSSING AREA WHERE CAP IS UNDERGROUND IN SEC 14, T5N, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	04.13.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

	URS	
	BY	DATE
	DESIGN	
	PLANS	12.10.04
	DESIGN CHK.	12.10.04
	PLANS CHK.	12.10.04

Sheet 3 of 27

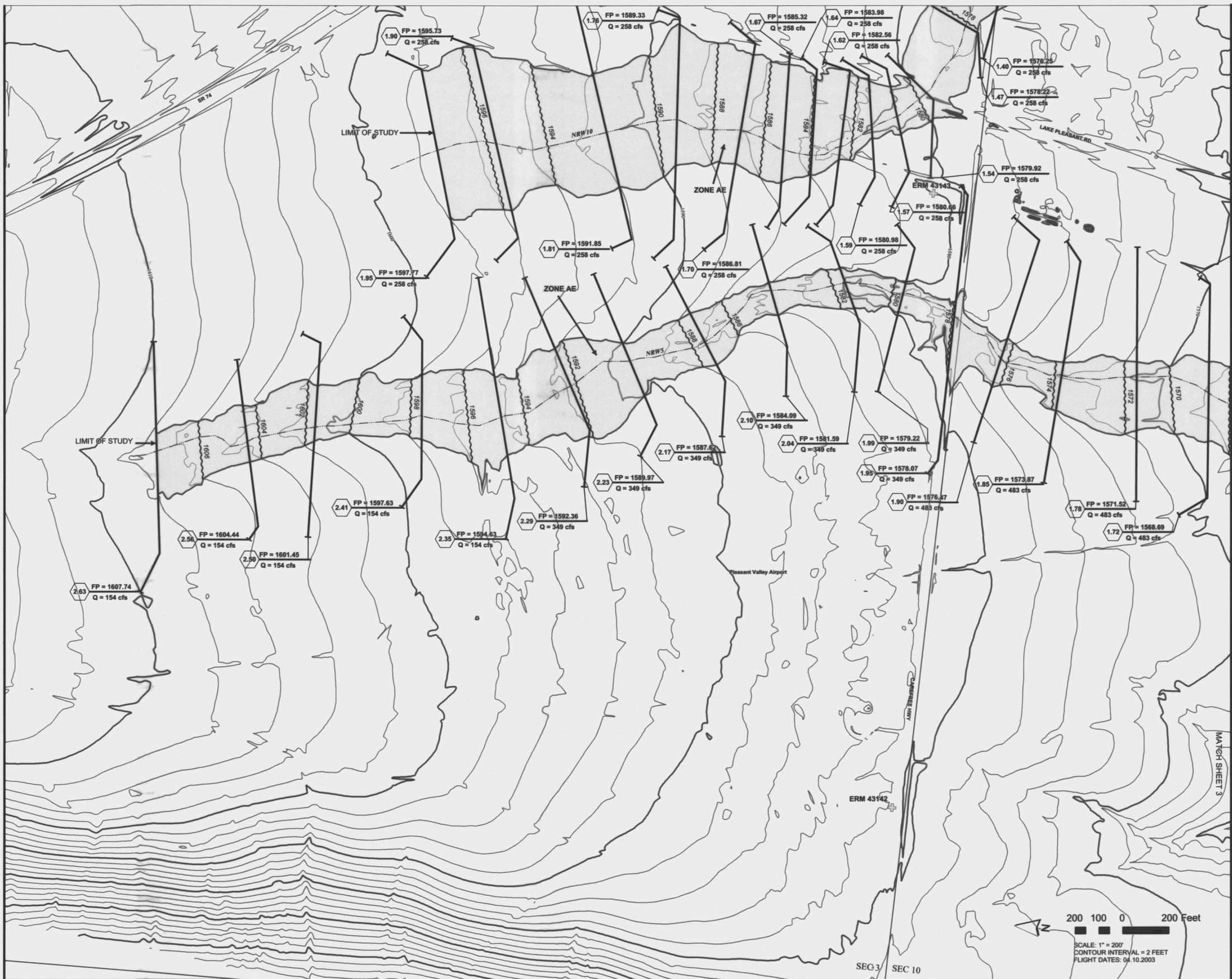
200 100 0 200 Feet

SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 04.10.2003

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

AERIAL PHOTOGRAPHY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

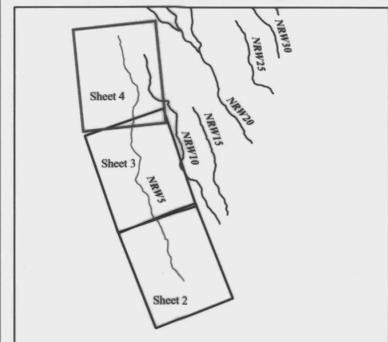
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD83 - 1.51.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43142	1581.54	SET REBAR WITH 2" CAP STAMPED "43142" ON NORTH SIDE OF "OLD CAREFREE HWY", EAST OF THE END OF THE RUNWAY AT THE WEST END OF THE GLIDER PARKIN SEC 3 TSN, R1E
43143	1579.96	SET REBAR WITH 2" CAP STAMPED "43143" ON WEST SIDE OF PIPELINE APPROXIMATELY 250' NORTH OF "OLD CAREFREE HWY", NW OF ITS INTERSECTION WITH LAKE PLEASANT ROAD IN SEC 3, TSN, R1E
43149	1559.38	SET REBAR WITH 2" CAP STAMPED "43149" 6' EAST OF A POWER POLL ON EASTERLY R.O.W. OF LAKE PLEASANT ROAD APPROXIMATELY 2000' SOUTH OF "OLD CAREFREE HWY" IN SEC 10, TSN, R1E
43155	1485.44	SET REBAR WITH 2" CAP STAMPED "43155" IN CAP R.O.W. EAST OF WASH CROSSING AREA WHERE CAP IS UNDERGROUND IN SEC 14, TSN, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



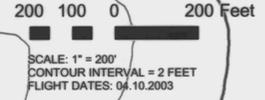
NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	04.13.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057



URS		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	DEG		12.10.04
PLANS CHK.	MCFD		12.10.04



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

AERIAL PHOTOGRAPHY PROVIDED BY: DATABASE TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASE TERRAIN MAPPING, INC.



LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY

HYDRAULIC BASE LINE

CROSS SECTION: 0.10 FP = 1888.74 Q = 123 CFS

ELEVATION REFERENCE MARK: ERM XXX

BASE FLOOD ELEVATIONS: 1221

ZONE DESIGNATIONS: ZONE AE

CORPORATE LIMITS: Corporate Limits

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY: County Boundary

10 FT CONTOUR LINES: 100

2 FT CONTOUR LINES: 2

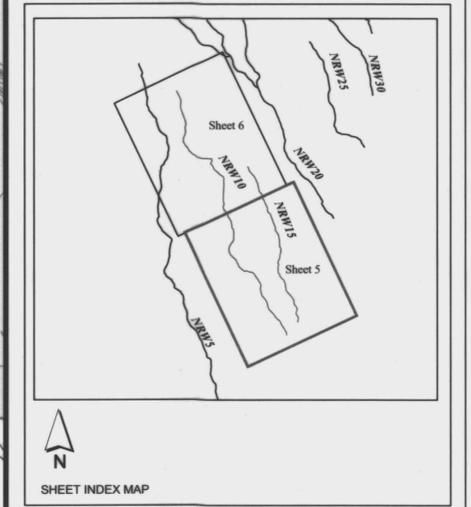
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43143	1579.96	SET REBAR WITH 2" STAMPED "43143" ON WEST SIDE OF PIPELINE APPROX. 250' NORTH OF "OLD CAREFREE HWY." NW OF ITS INTERSECTION WITH LAKE PLEASANT ROAD IN SEC. 3, T5N, R1E
43149	1559.38	SET REBAR WITH 2" STAMPED "43149" 6' EAST OF POWER POLE ON EASTERLY R.O.W. OF LAKE PLEASANT ROAD APPROXIMATELY 2000' SOUTH OF "OLD CAREFREE HWY" IN SEC. 10, T5N, R1E
43153	1559.38	SET REBAR WITH 2" STAMPED "43153" IN OPEN DESERT BETWEEN TRACK ROAD AND WASH APPROXIMATELY 2500' NORTH OF GAP CANAL (UNDERGROUND) IN NW 1/4 SEC 14, T5N, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.03.05
1	RESPONSE TO COMMENTS	DEG	04.03.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

URS

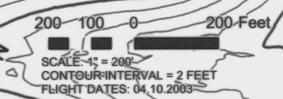
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DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

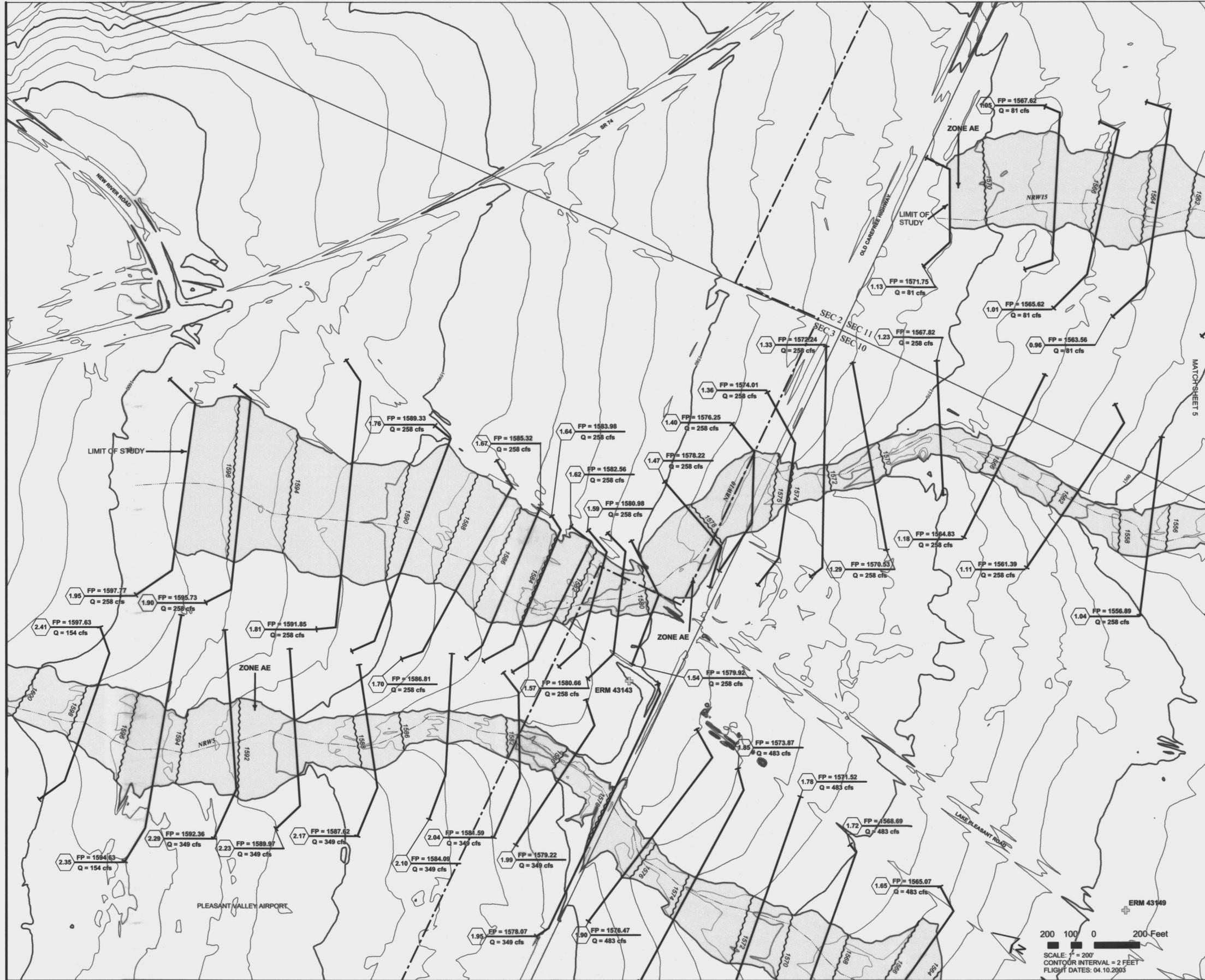
Sheet 5 of 27

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

AERIAL MAPPING COMPANY: DIGITAL TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.





LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
 - 0.10 FP = 1888.74 FLOODPLAIN WATER SURFACE ELEVATION
 - Q = 123 CFS
 - 1% ANNUAL CHANCE DISCHARGE
- ELEVATION REFERENCE MARK ERM XXX
- BASE FLOOD ELEVATIONS 1221
- ZONE DESIGNATIONS **ZONE AE**
- CORPORATE LIMITS Corporate Limits
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY County Boundary
- 10 FT CONTOUR LINES 1000
- 2 FT CONTOUR LINES

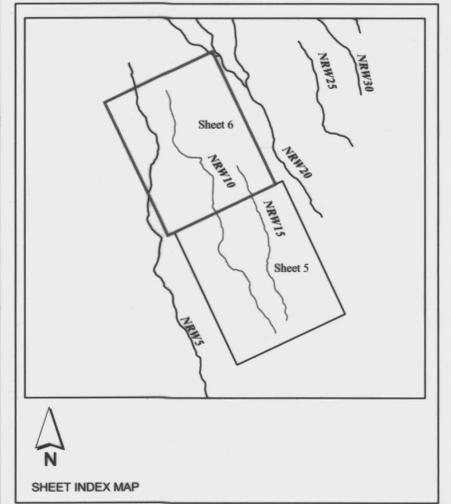
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.51.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43143	1579.96	SET REBAR WITH 2" STAMPED '43143' ON WEST SIDE OF PIPELINE APPROX. 250' NORTH OF 'OLD CAREFREE HWY.' NW OF ITS INTERSECTION WITH LAKE PLEASANT ROAD IN SEC. 3, T5N, R1E
43149	1559.38	SET REBAR WITH 2" STAMPED '43149' 6' EAST OF POWER POLE ON EASTERLY R.O.W. OF LAKE PLEASANT ROAD APPROXIMATELY 2000' SOUTH OF 'OLD CAREFREE HWY' IN SEC 10, T5N, R1E
43153	1559.38	SET REBAR WITH 2" STAMPED '43153' IN OPEN DESERT BETWEEN TRACK ROAD AND WASH APPROXIMATELY 2500' NORTH OF CAP CANAL (UNDERGROUND) IN NW 1/4 SEC 14, T5N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.03.05
1	RESPONSE TO COMMENTS	DEG	04.03.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

**NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057**



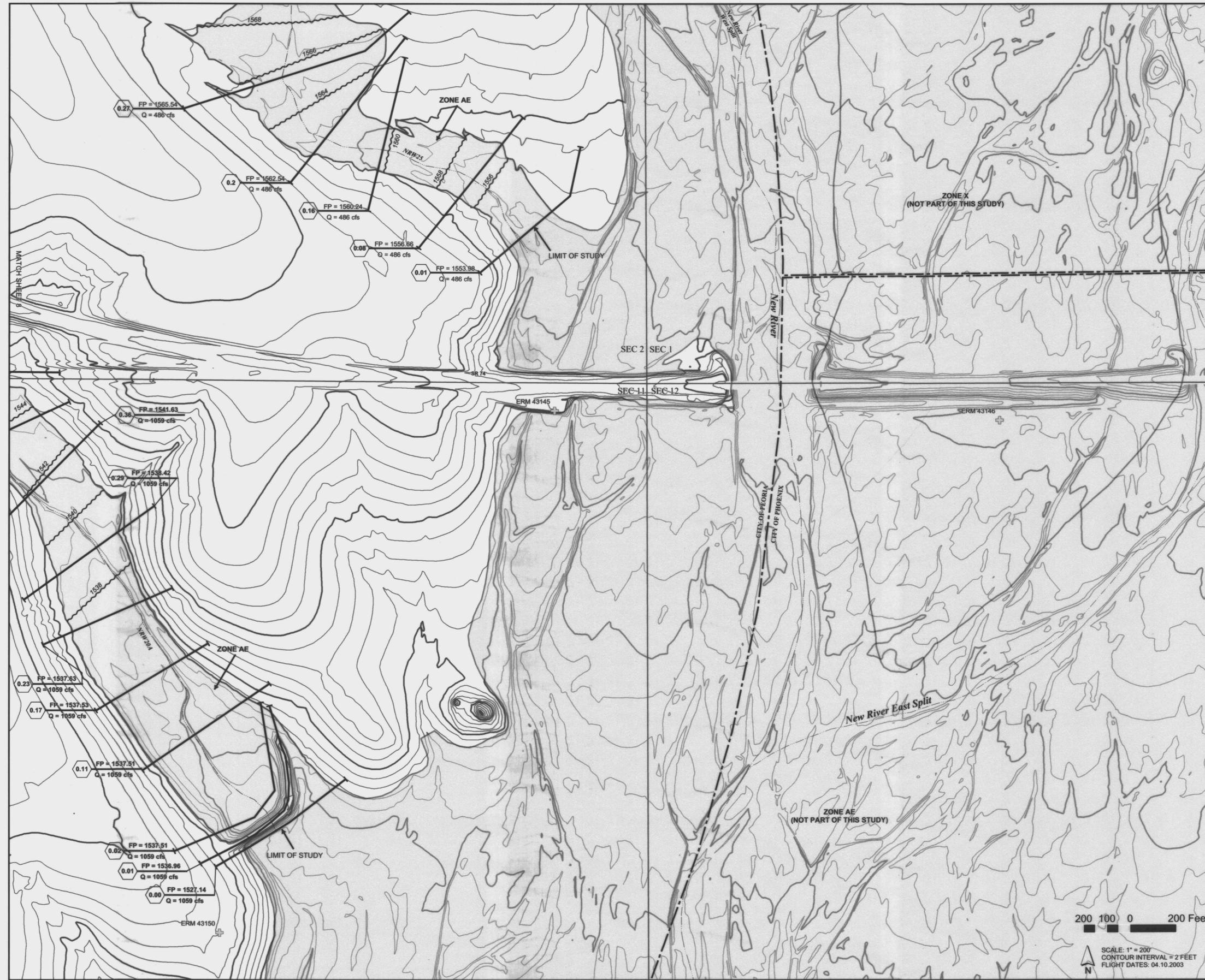
URS		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	DEG		12.10.04
PLANS CHK.	MCFM		12.10.04

200 100 0 200 Feet
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 04.10.2003

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

AERIAL MAPPING COMPANY: DIGITAL TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASES TERRAIN MAPPING, INC.



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

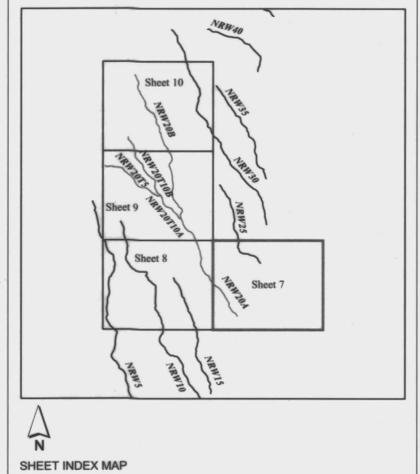
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD89 + 1.51.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43131	1657.87	SET REBAR WITH 2" CAP STAMPED "43131" WEST OF NEW RIVER ROAD CENTERLINE APPROX 800' SOUTH OF POWER LINE AND THE NORTH LINE OF SEC 35, T8N, R1E ACROSS FROM TRACK ROAD TO EAST
43137	1601.45	SET REBAR WITH 2" CAP STAMPED "43137" APPROX 60' WEST OF NEW RIVER RD APPROX 1900' NORTH OF THE INTERSECTION OF HWY 74
43143	1579.96	SET REBAR WITH 2" CAP STAMPED "43143" ON WEST SIDE OF PIPELINE APPROX 250' NORTH OF "OLD CAREFREE HWY" NW OF ITS INTERSECTION WITH LAKE PLEASANT ROAD IN SEC 3, T8N, R1E
43144	1554.30	SET REBAR WITH 2" CAP STAMPED "43144" ON SOUTH SIDE OF HWY 74 R.O.W. FENCE APPROX 100' WEST OF ITS INTERSECTION WITH THE SCAR FOR THE OLD HWY ALIGNMENT IN SEC 11, T8N, R1E
43145	1552.36	SET REBAR WITH 2" CAP STAMPED "43145" ON SOUTHWEST SIDE OF HWY 74 APPROX 1000' WEST OF THE WESTERN 2 BRIDGES CROSSING NEW RIVER IN SEC 11, T8N, R1E
43146	1551.25	SET REBAR WITH 2" CAP STAMPED "43146" ON SOUTH SIDE OF HWY 74 MIDWAY BETWEEN 2 BRIDGES CROSSING NEW RIVER IN SEC 12, T8N, R1E
43149	1559.36	SET REBAR WITH 2" CAP STAMPED "43149" 6' EAST OF POWER POLE ON EASTERLY R.O.W. OF LAKE PLEASANT RD APPROX 2000' SOUTH OF "OLD CAREFREE HWY" IN SEC 10, T8N, R1E
43150	1544.17	SET REBAR WITH 2" CAP STAMPED "43150" ON TOP OF SMAPP HILL APPROX 500' SW OF "BOB'S TANK" IN NE 1/4 SEC 11, T8N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



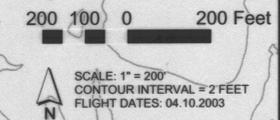
NO.	REVISION	BY	DATE
2	UPDATE LEGEND	DEG	04.15.05
1	RESPONSE TO COMMENTS	DEG	04.15.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

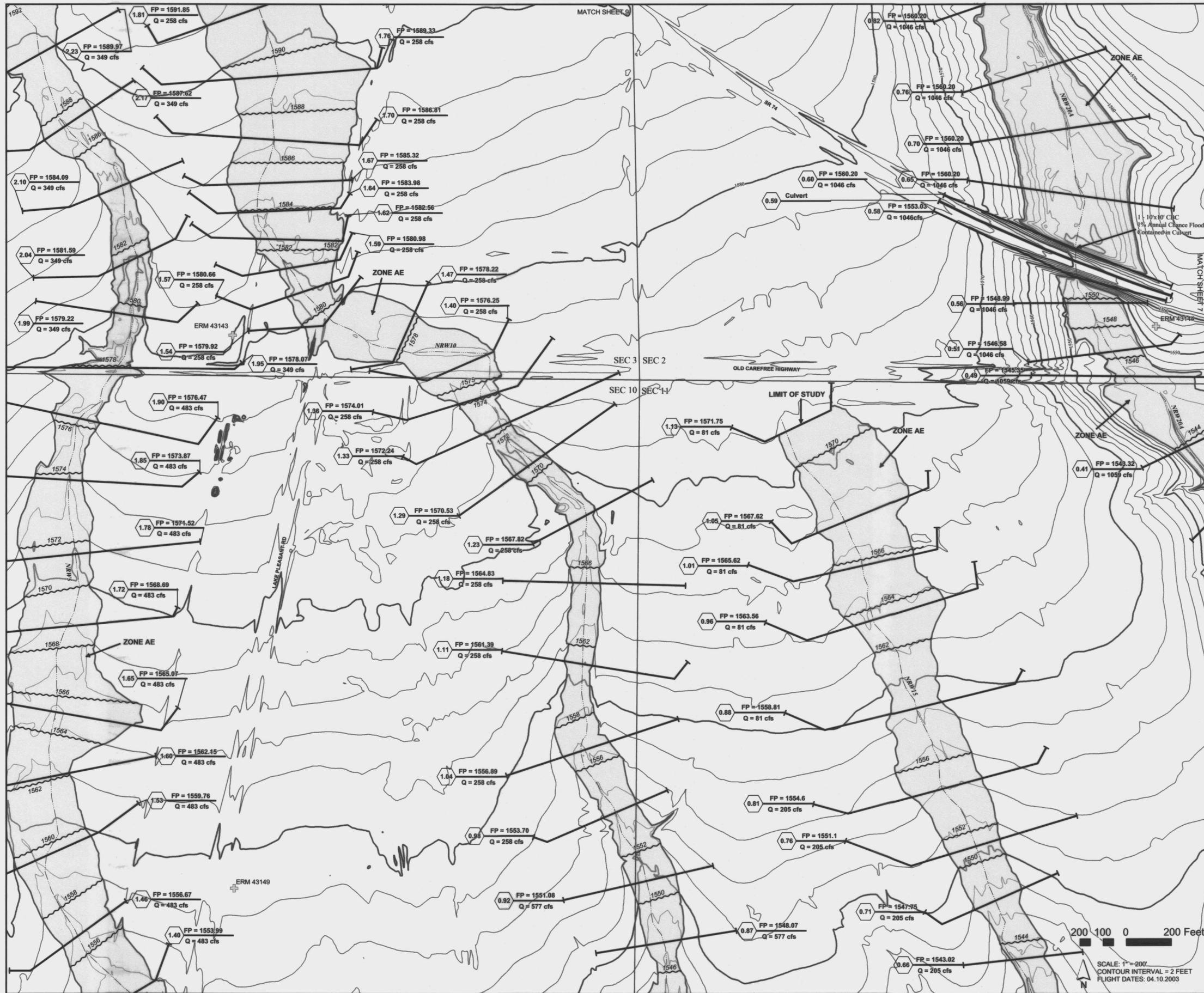


URS		BY	DATE
DESIGN			
DESIGN CHK.	DEG		10.12.04
PLANS	DEG		10.12.04
PLANS CHK.	MCFD		10.12.04

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

AERIAL MAPPING COMPANY: DIGITAL TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY

HYDRAULIC BASE LINE

CROSS SECTION

ELEVATION REFERENCE MARK ERM XXX

BASE FLOOD ELEVATIONS 1221

ZONE DESIGNATIONS **ZONE AE**

CORPORATE LIMITS Corporate Limits

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY County Boundary

10 FT CONTOUR LINES

2 FT CONTOUR LINES

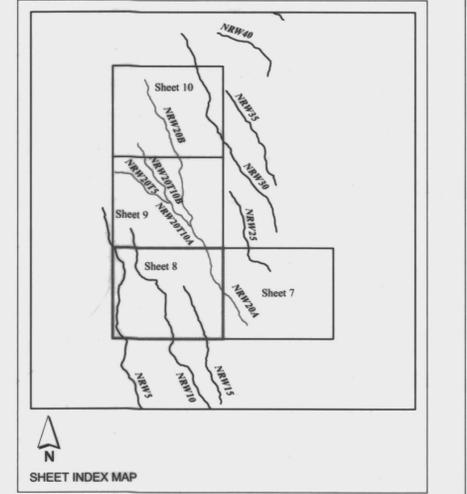
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43131	1657.87	SET REBAR WITH 2" CAP STAMPED "43131" WEST OF NEW RIVER ROAD CENTERLINE APPROX 800' SOUTH OF POWER LINE AND THE NORTH LINE OF SEC 35. TSN, R1E ACROSS FROM TRACK ROAD TO EAST
43137	1601.45	SET REBAR WITH 2" CAP STAMPED "43137" APPROX. 60' WEST OF NEW RIVER RD APPROX. 1800' NORTH OF THE INTERSECTION OF HWY 74
43143	1579.96	SET REBAR WITH 2" CAP STAMPED "43143" ON WEST SIDE OF PIPELINE APPROX. 250' NORTH OF "OLD CAREFREE HWY" NW OF ITS INTERSECTION WITH LAKEPLEASANT ROAD IN SEC 3, T5N, R1E
43144	1554.30	SET REBAR WITH 2" CAP STAMPED "43144" ON SOUTH SIDE OF HWY 74 R.O.W. FENCE APPROX. 100' WEST OF ITS INTERSECTION WITH THE SCAR FOR THE OLD HWY ALIGNMENT IN SEC 11, T5N, R1E
43145	1552.36	SET REBAR WITH 2" CAP STAMPED "43145" ON SOUTH SIDE OF HWY 74 APPROX. 1000' WEST OF THE WESTERLY 2 BRIDGES CROSSING NEW RIVER IN SEC 11, T5N, R1E
43146	1551.25	SET REBAR WITH 2" CAP STAMPED "43146" ON SOUTH SIDE OF HWY 74 MIDWAY BETWEEN 2 BRIDGES CROSSING NEW RIVER IN SEC 12, T5N, R1E
43149	1558.38	SET REBAR WITH 2" CAP STAMPED "43149" EAST OF POWER POLE ON EASTERLY R.O.W. OF LAKE PLEASANT RD APPROX 2000' SOUTH OF "OLD CAREFREE HWY" IN SEC 10, T5N, R1E
43150	1544.17	SET REBAR WITH 2" CAP STAMPED "43150" ON TOP OF SMAAPP HILL APPROX 500' SW OF "BOB'S TANK" IN NE 1/4 SEC 11, T5N, R1E

NOTES

1- THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATE LEGEND	DEG	04.15.05
1	RESPONSE TO COMMENTS	DEG	04.15.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

URS

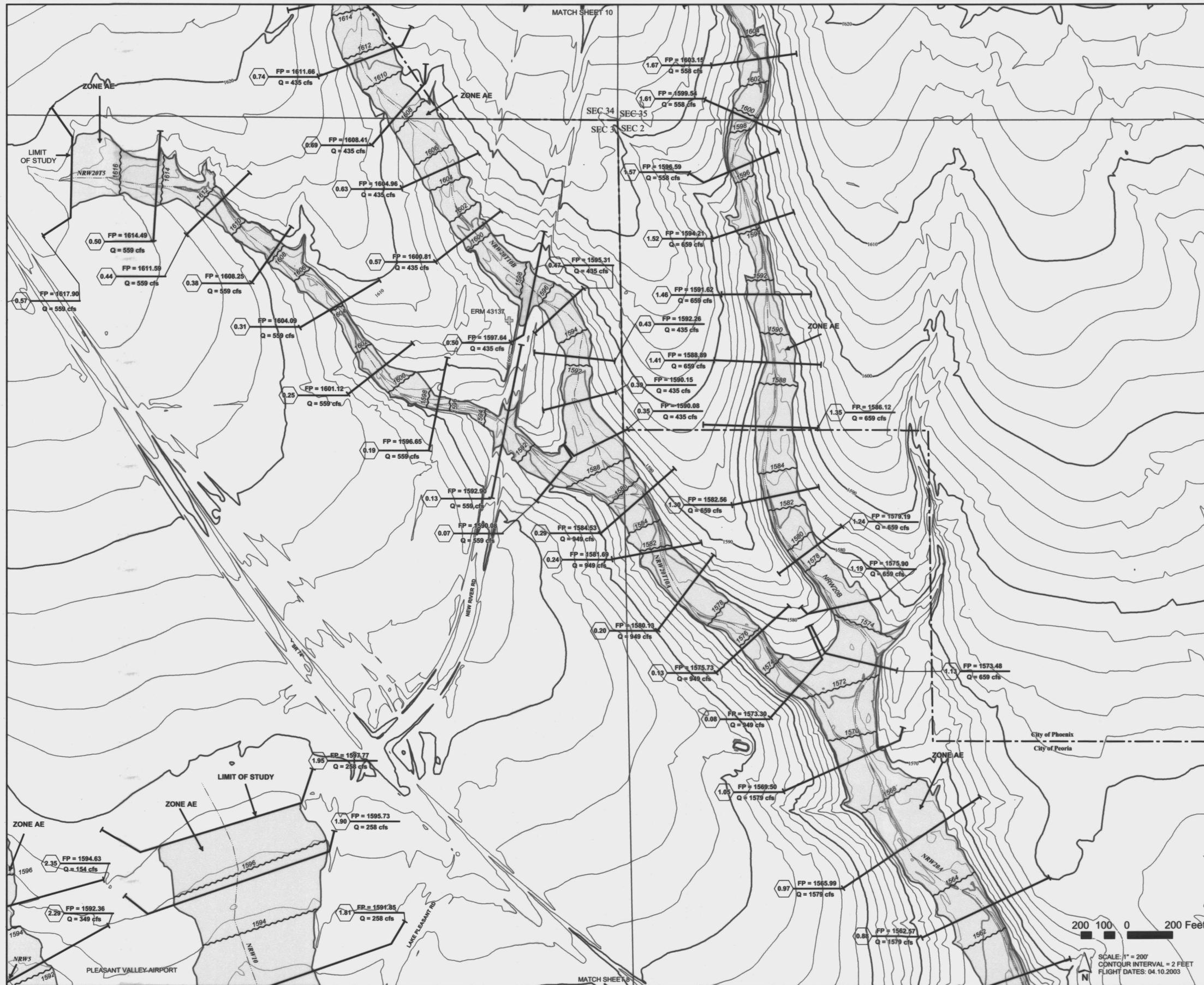
DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	10.12.04
PLANS CHK.	MCFD	10.12.04

Sheet 8 of 27

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

AERIAL MAPPING COMPANY: DIGITAL TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

- 1% ANNUAL CHANGE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

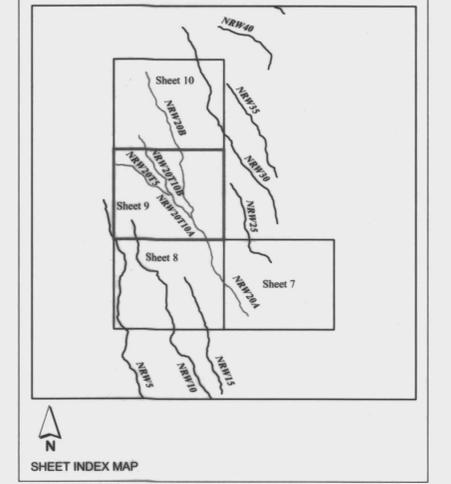
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD83 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43131	1657.87	SET REBAR WITH 2" CAP STAMPED "43131" WEST OF NEW RIVER ROAD CENTERLINE APPROX 80' SOUTH OF POWER LINE AND THE NORTH LINE OF SEC 35, T8N, R1E ACROSS FROM TRACK ROAD TO EAST
43137	1601.45	SET REBAR WITH 2" CAP STAMPED "43137" APPROX. 40' WEST OF NEW RIVER RD APPROX. 1900' NORTH OF THE INTERSECTION OF HWY 74
43143	1579.96	SET REBAR WITH 2" CAP STAMPED "43143" ON WEST SIDE OF PIPELINE APPROX. 250' NORTH OF "OLD CAREFREE HWY", NW OF ITS INTERSECTION WITH LAKEPLEASANT ROAD IN SEC 3, T8N, R1E
43144	1554.30	SET REBAR WITH 2" CAP STAMPED "43144" ON SOUTH SIDE OF HWY 74 R.O.W. FENCE APPROX. 100' WEST OF ITS INTERSECTION WITH THE SCAR FOR THE OLD HWY ALIGNMENT IN SEC 11, T8N, R1E
43145	1552.36	SET REBAR WITH 2" CAP STAMPED "43145" ON SOUTHWEST SIDE OF HWY 74 APPROX. 1000' WEST OF THE WESTERLY 2 BRIDGES CROSSING NEW RIVER IN SEC 11, T8N, R1E
43146	1551.25	SET REBAR WITH 2" CAP STAMPED "43146" ON SOUTH SIDE OF HWY 74 MIDWAY BETWEEN 2 BRIDGES CROSSING NEW RIVER IN SEC 12, T8N, R1E
43149	1559.38	SET REBAR WITH 2" CAP STAMPED "43149" 6' EAST OF POWER POLE ON EASTERLY R.O.W. OF LAKE PLEASANT RD APPROX 200' SOUTH OF "OLD CAREFREE HWY" IN SEC 10, T8N, R1E
43150	1544.17	SET REBAR WITH 2" CAP STAMPED "43150" ON TOP OF SHARP HILL APPROX 500' SW OF "BOB'S TANK" IN NE 1/4 SEC 11, T8N, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



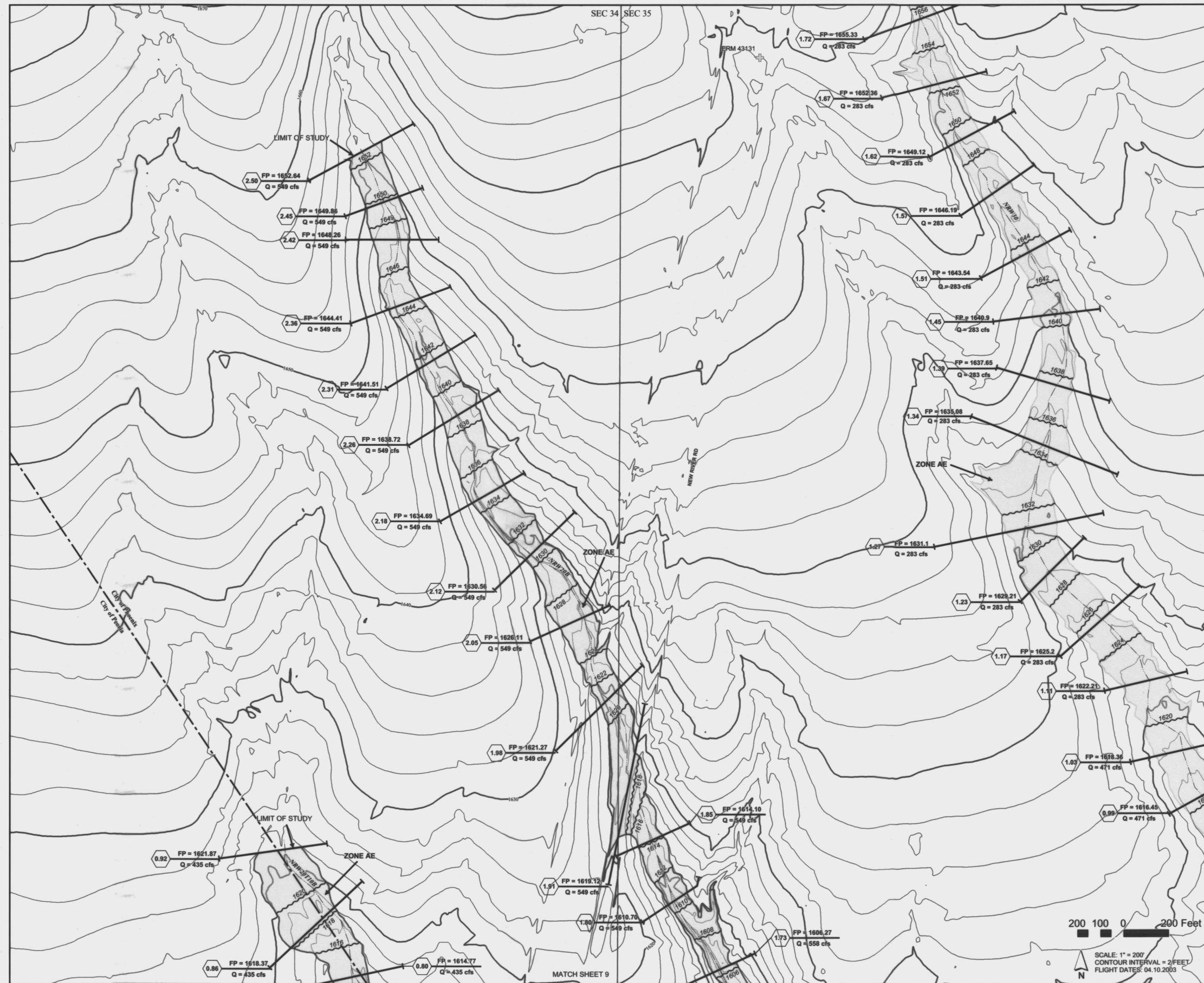
NO.	REVISION	DATE
2	UPDATE LEGEND	04.15.05
1	RESPONSE TO COMMENTS	04.15.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057

URS		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	DEG		10.12.04
PLANS CHK.	MCFD		10.12.04



THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS. AERIAL MAPPING COMPANY: DIGITAL TERRAIN MAPPING, INC. GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

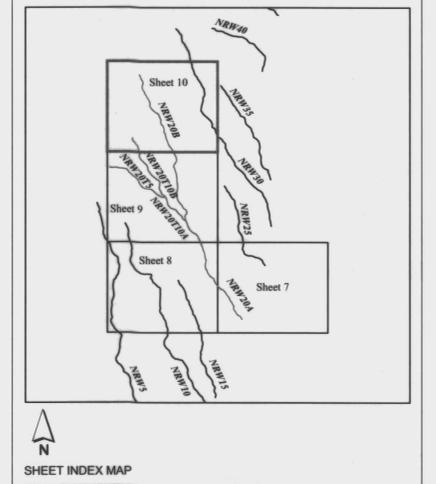
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43131	1657.87	SET REBAR WITH 2" CAP STAMPED "43131" WEST OF NEW RIVER ROAD CENTERLINE APPROX 800' SOUTH OF POWER LINE AND THE NORTH LINE OF SEC 35, T8N, R1E ACROSS FROM TRACK ROAD TO EAST
43137	1601.45	SET REBAR WITH 2" CAP STAMPED "43137" APPROX. 80' WEST OF NEW RIVER RD APPROX. 1900' NORTH OF THE INTERSECTION OF HWY 74
43143	1579.96	SET REBAR WITH 2" CAP STAMPED "43143" ON WEST SIDE OF PIPELINE APPROX. 250' NORTH OF "OLD CAREFREE HWY" NW OF ITS INTERSECTION WITH LAKEPLEASANT ROAD IN SEC. 3, T8N, R1E
43144	1554.30	SET REBAR WITH 2" CAP STAMPED "43144" ON SOUTH SIDE OF HWY 74 R.O.W. FENCE APPROX. 100' WEST OF ITS INTERSECTION WITH THE SCAR FOR THE OLD HWY ALIGNMENT IN SEC. 11, T8N, R1E
43145	1552.36	SET REBAR WITH 2" CAP STAMPED "43145" ON SOUTHSIDE OF HWY 74 APPROX. 1000' WEST OF THE WESTERLY 2 BRIDGES CROSSING NEW RIVER IN SEC. 11, T8N, R1E
43146	1551.25	SET REBAR WITH 2" CAP STAMPED "43146" ON SOUTH SIDE OF HWY 74 MIDWAY BETWEEN 2 BRIDGES CROSSING NEW RIVER IN SEC. 12, T8N, R1E
43149	1559.38	SET REBAR WITH 2" CAP STAMPED "43149" EAST OF POWER POLE ON EASTERLY R.O.W. OF LAKE PLEASANT RD APPROX 200' SOUTH OF "OLD CAREFREE HWY" IN SEC 10, T8N, R1E
43150	1544.17	SET REBAR WITH 2" CAP STAMPED "43150" ON TOP OF SHARP HILL APPROX 500' SW OF "BOB'S TANK" IN NE 1/4 SEC 11, T8N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	DATE
2	UPDATE LEGEND	04.15.05
1	RESPONSE TO COMMENTS	04.15.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057



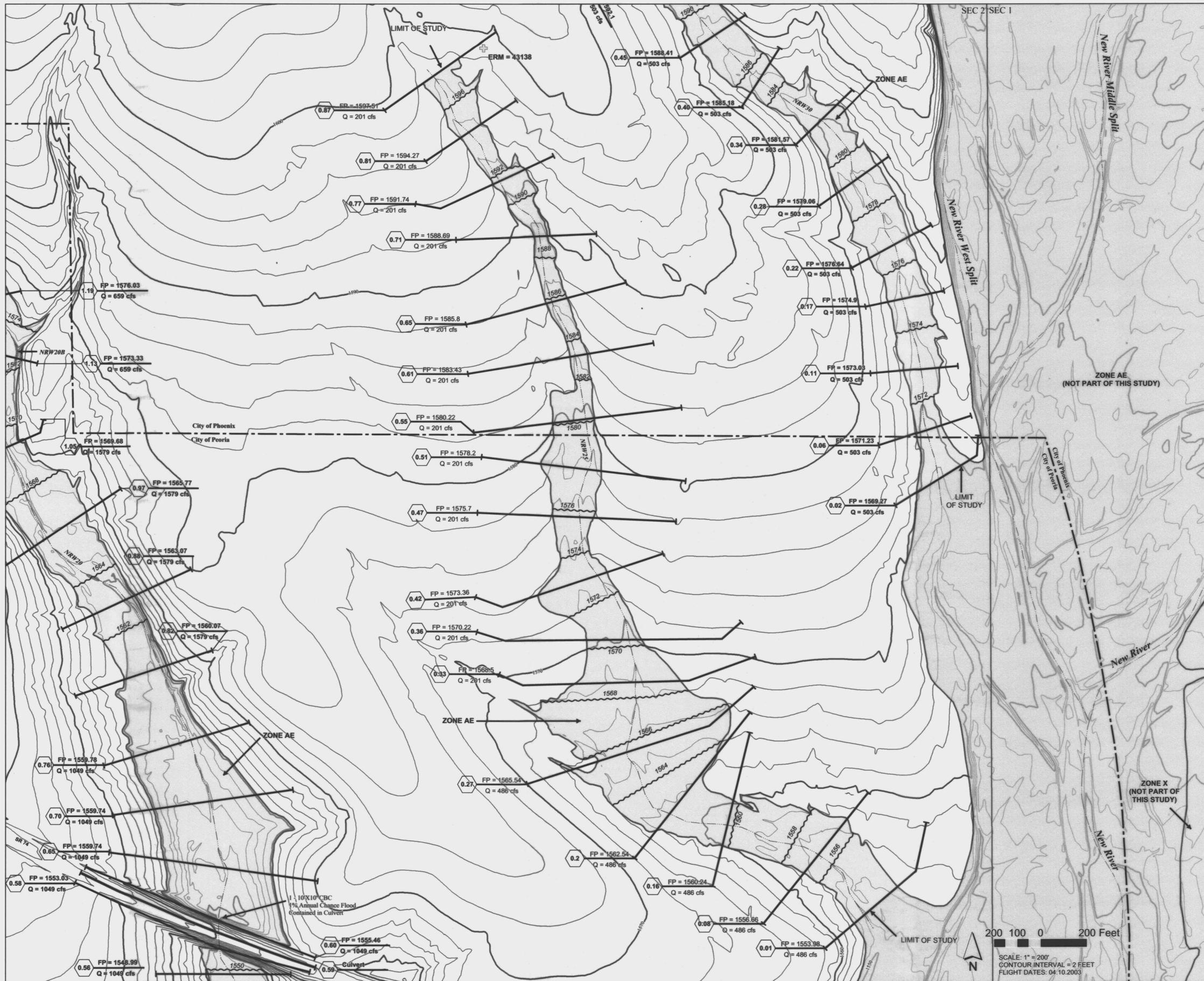
DESIGN	BY	DATE
DESIGN CHK.	DEG	10.12.04
PLANS	DEG	10.12.04
PLANS CHK.	MCFD	10.12.04

URS

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

AERIAL MAPPING COMPANY: DIGITAL TERRAIN MAPPING, INC

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC



LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY

HYDRAULIC BASE LINE

CROSS SECTION: 0.10 FP = 1888.74 Q = 123 cfs

ELEVATION REFERENCE MARK: ERM XXX

BASE FLOOD ELEVATIONS: 1221

ZONE DESIGNATIONS: ZONE AE

CORPORATE LIMITS: Corporate Limits

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY: County Boundary

10 FT CONTOUR LINES: 1500

2 FT CONTOUR LINES: 1500

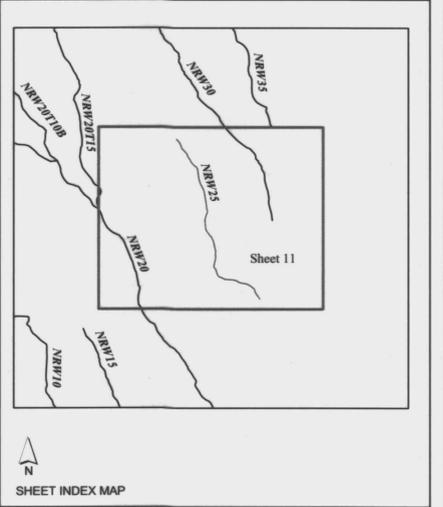
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43138	1598.7	SET REBAR WITH 2" CAP STAMPED "43138" IN OPEN DESERT APPROXIMATELY 320' EAST OF NEW RIVER ROAD AND 90' SOUTH OF THE NORTH LINE OF SECTION 2, T5N, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.04.05
1	RESPONSE TO COMMENTS	DEG	04.04.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES FLOOD DELINEATION STUDY OF F.C.D. CONTRACT NO. 2003-C057

URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

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LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY

HYDRAULIC BASE LINE

CROSS SECTION: 0.10 FP = 1888.74 Q = 123 CFS

ELEVATION REFERENCE MARK: ERM XXX

BASE FLOOD ELEVATIONS: 1221

ZONE DESIGNATIONS: ZONE AE

CORPORATE LIMITS: Corporate Limits

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY: County Boundary

10 FT CONTOUR LINES: 100

2 FT CONTOUR LINES: 2

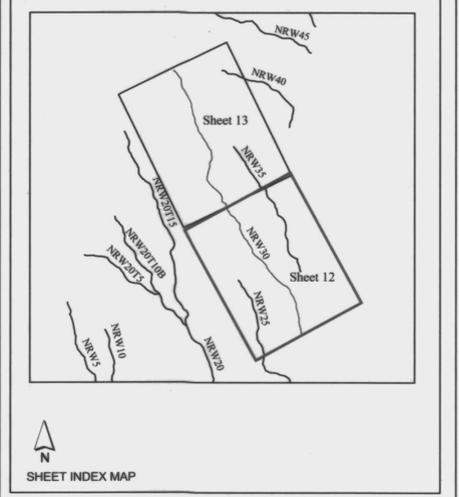
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43131	1657.87	SET REBAR WITH 2" CAP STAMPED "43131" WEST OF NEW RIVER ROAD CENTERLINE APPROXIMATELY 800' SOUTH OF POWER LINE AND THE NORTH LINE OF SEC. 35, T8N, R1E. ACROSS FROM TRACK ROAD TO EAST
43133	1597.32	SET REBAR WITH 2" CAP STAMPED "43133" IN THE SE 1/4 OF SEC 35, T8N, R1E ON THE EAST SIDE OF WASH WHERE TRACK ROAD CROSSES FROM WEST
43138	1598.7	SET REBAR WITH 2" CAP STAMPED "43138" IN OPEN DESERT APPROXIMATELY 200' EAST OF NEW RIVER ROAD AND 900' SOUTH OF THE NORTH LINE OF SEC 2, T8N, R1E
43140	1582.76	SET REBAR WITH 2" CAP STAMPED "43140" IN OPEN DESERT WEST OF NEW RIVER CHANNEL APPROXIMATELY 3200' NORTH OF HWY 74 IN THE NW 1/4 SEC 1, T8N, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEC	04.05.05
1	RESPONSE TO COMMENTS	DEC	04.05.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

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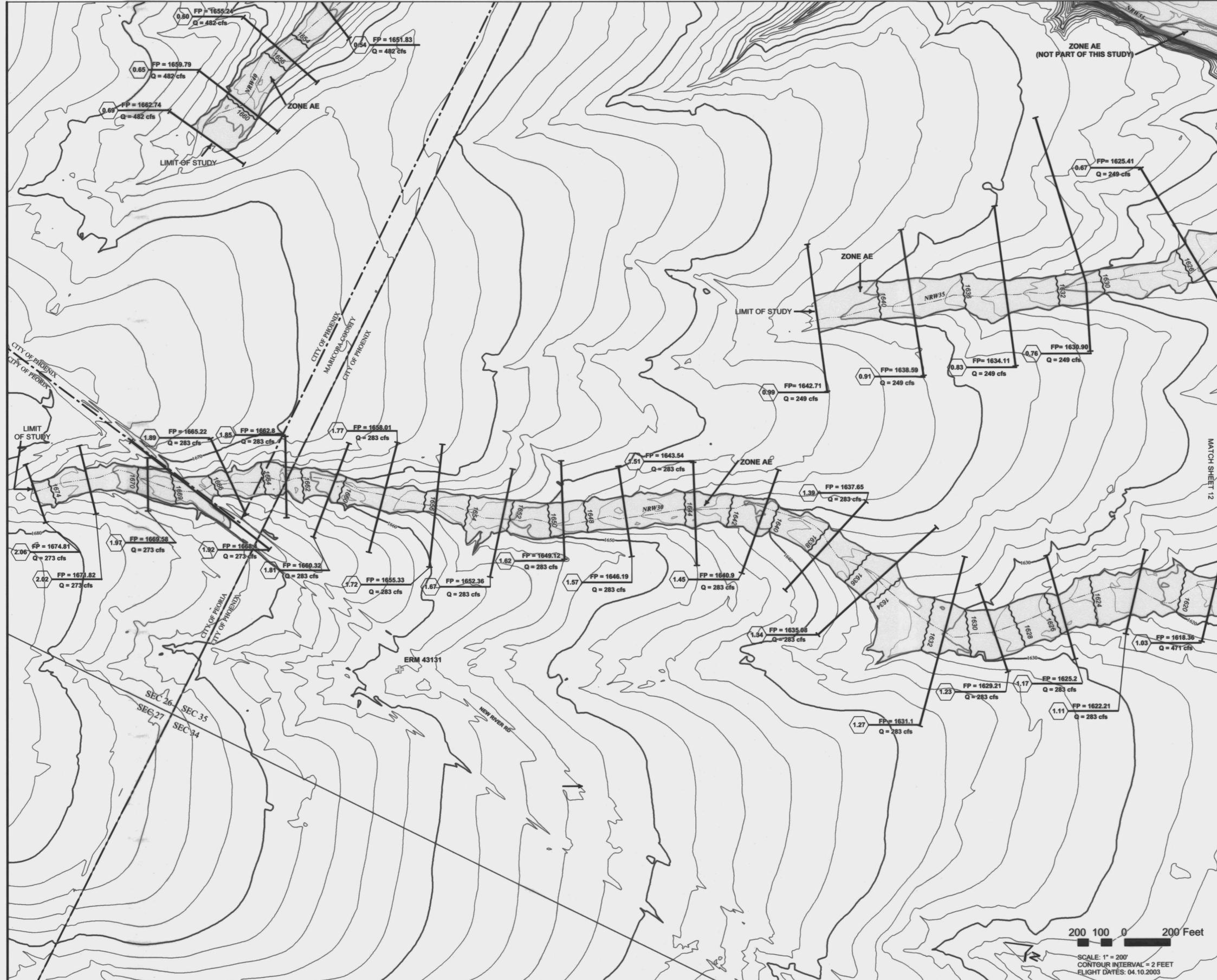
THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

AERIAL MAPPING COMPANY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

MATCH SHEET 13





LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY

HYDRAULIC BASE LINE

CROSS SECTION: 0.10 FP = 1888.74 Q = 123 CFS

ELEVATION REFERENCE MARK: ERM XXX

BASE FLOOD ELEVATIONS: 1221

ZONE DESIGNATIONS: ZONE AE

CORPORATE LIMITS: Corporate Limits

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY: County Boundary

10 FT CONTOUR LINES: 1000

2 FT CONTOUR LINES: 1000

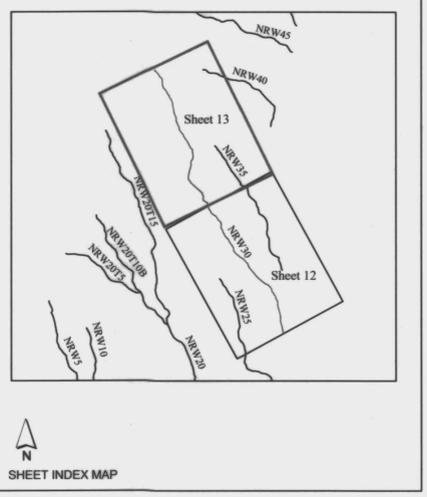
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43131	1657.87	SET REBAR WITH 2" CAP STAMPED "43131" WEST OF NEW RIVER ROAD CENTERLINE APPROXIMATELY 800' SOUTH OF POWER LINE AND THE NORTH LINE OF SEC. 35, T8N, R1E. ACROSS FROM TRACK ROAD TO EAST
43133	1597.32	SET REBAR WITH 2" CAP STAMPED "43133" IN THE SE 1/4 OF SEC 35, T8N, R1E ON THE EAST SIDE OF WASH WHERE TRACK ROAD CROSSES FROM WEST
43138	1598.7	SET REBAR WITH 2" CAP STAMPED "43138" IN OPEN DESERT APPROXIMATELY 3200' EAST OF NEW RIVER ROAD AND 900' SOUTH OF THE NORTH LINE OF SEC 2, T8N, R1E
43140	1582.76	SET REBAR WITH 2" CAP STAMPED "43140" IN OPEN DESERT WEST OF NEW RIVER CHANNEL APPROXIMATELY 3200' NORTH OF HWY 74 IN THE NW 1/4 SEC 1, T8N, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.05.05
1	RESPONSE TO COMMENTS	DEG	04.05.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

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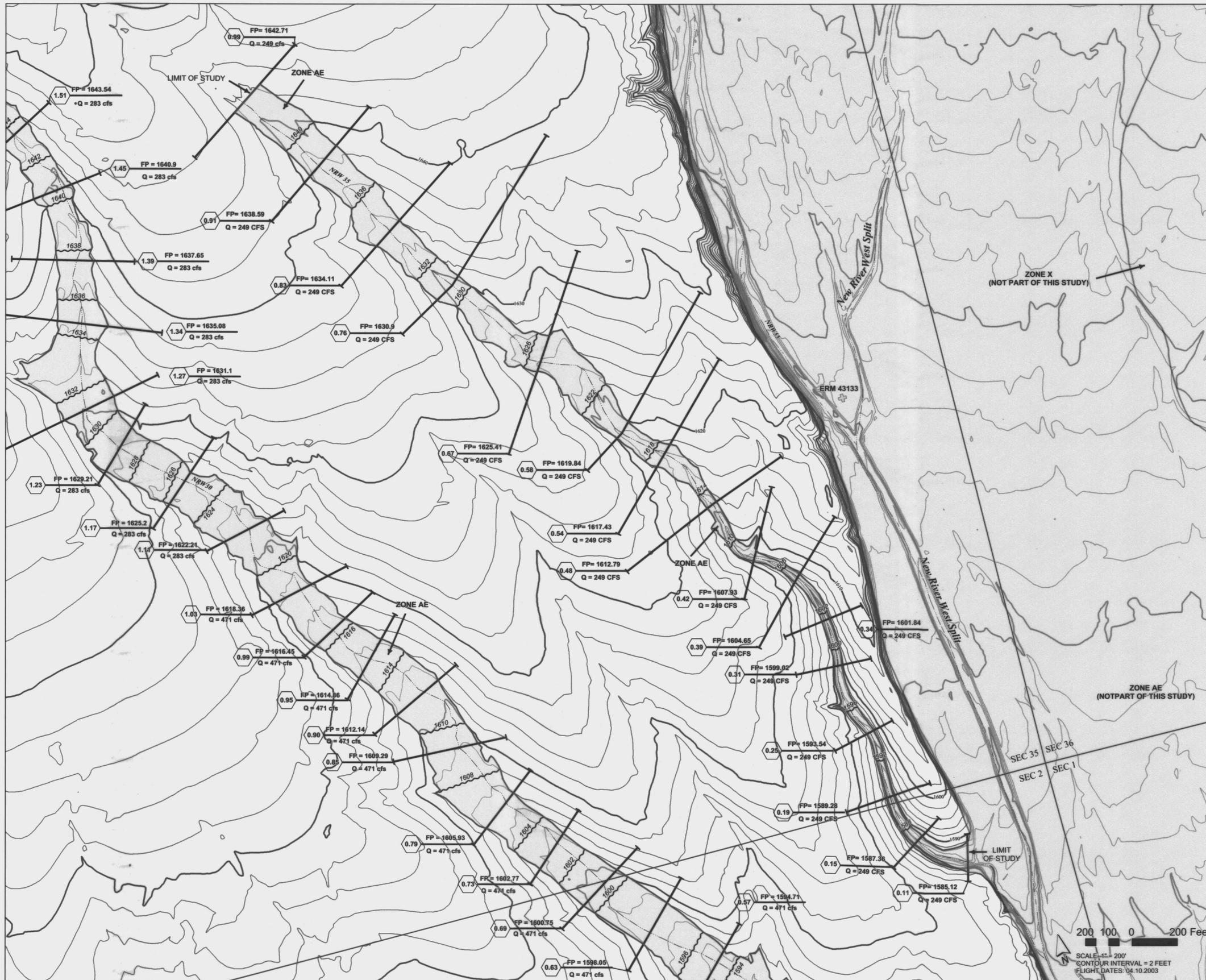
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AERIAL MAPPING COMPANY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 04.10.2003



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

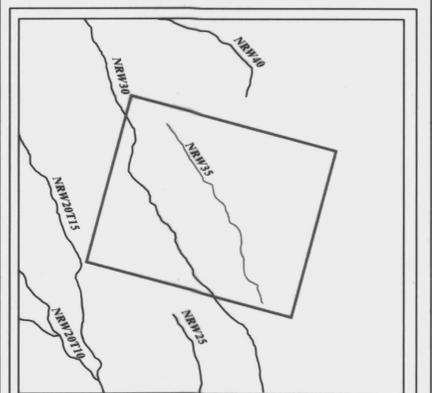
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43133	1597.32	SET REBAR WITH 2" CAP STAMPED "43133" IN THE SE 1/4 SEC. 35, T6N, R1E ON THE EAST SIDE OF WASH WHERE TRACK ROAD CROSSES FROM WEST

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



SHEET INDEX MAP

2	UPDATED LEGEND	DEG	04.03.05
1	RESPONSE TO COMMENTS	DEG	04.03.05
NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

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200 100 0 200 Feet
 SCALE: 1" = 200'
 CONTOUR INTERVAL = 2 FEET
 FLIGHT DATES: 04.10.2003

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

AERIAL MAPPING COMPANY, DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY _____

HYDRAULIC BASE LINE _____

CROSS SECTION FP = 1888.74
Q = 123 CFS

ELEVATION REFERENCE MARK _____ ERM XXX

BASE FLOOD ELEVATIONS _____ 1221

ZONE DESIGNATIONS **ZONE AE**

CORPORATE LIMITS _____ Corporate Limits

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY _____ County Boundary

10 FT CONTOUR LINES _____ 100

2 FT CONTOUR LINES _____ 2

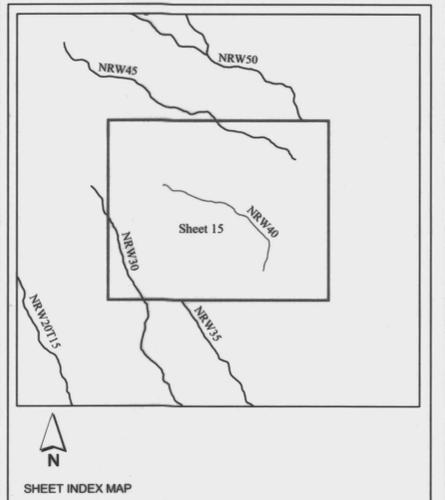
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

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

1- THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	DATE
2	UPDATED LEGEND	04.11.06
1	RESPONSE TO COMMENTS	04.11.06

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

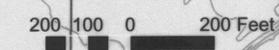
NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

UR S		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	DEG		10.12.04
PLANS CHK.	MCFM		10.12.04

Sheet 15 of 27

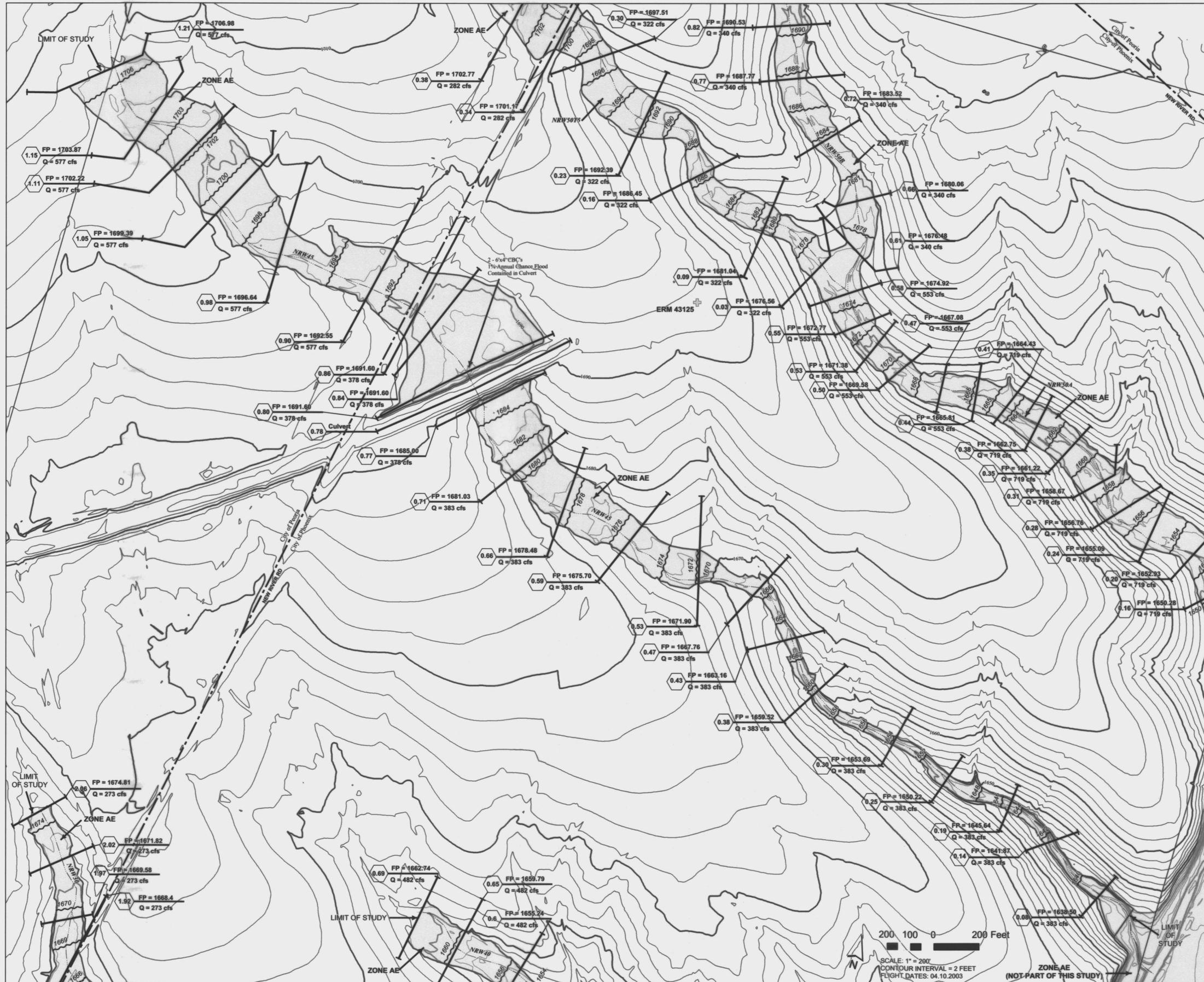


SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 04.10.2003

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

AERIAL MAPPING COMPANY: DATABASE TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASE TERRAIN MAPPING, INC.



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

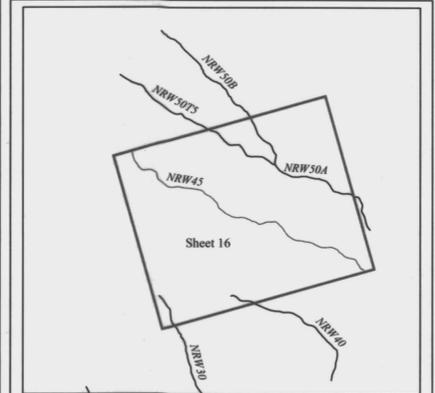
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43125	1693.69	SET REBAR WITH 2" CAP STAMPED "43125" SOUTHEAST OF TRAIL AT END OF ROAD/SCAR FOR THE NORTH-EASTERLY PROJECTION OF HWY 74 CONNECTION TO NEW RIVER ROAD NEAR THE CENTER OF SEC 26, T8N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



SHEET INDEX MAP

NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.06
1	RESPONSE TO COMMENTS	DEG	04.06.06

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

**NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057**



URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

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

AERIAL MAPPING COMPANY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

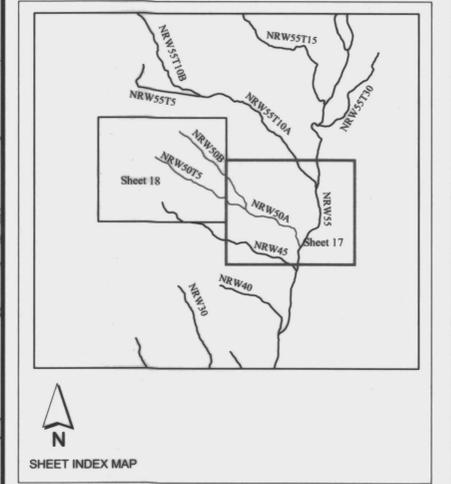
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ILB2	1748.36	GDACS CONTROL POINT - FOUND STEEL ROD IN CASING ON EAST SIDE OF PLEASANT HARBOR ROAD IN THE SE 1/4 SEC 22, T6N, R1E
43120	1711.21	SET REBAR WITH 2" CAP STAMPED "43120" 100' WEST OF NEW RIVER ROAD AT SOUTH END OF CURVE WEST OF THE SE 1/4 SEC 22, T6N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 23, T6N, R1E
43125	1693.69	SET REBAR WITH 2" CAP STAMPED "43125" SOUTHEAST OF A TRAIL AT END OF A ROADSCAR FOR THE NORTH-EASTERLY PROJECTION OF HWY 74 CONNECTION TO NEW RIVER ROAD (UNDER CONSTRUCTION) NEAR THE CENTER OF SEC 26, T6N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	04.06.05

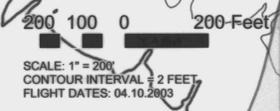
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

**NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057**



URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

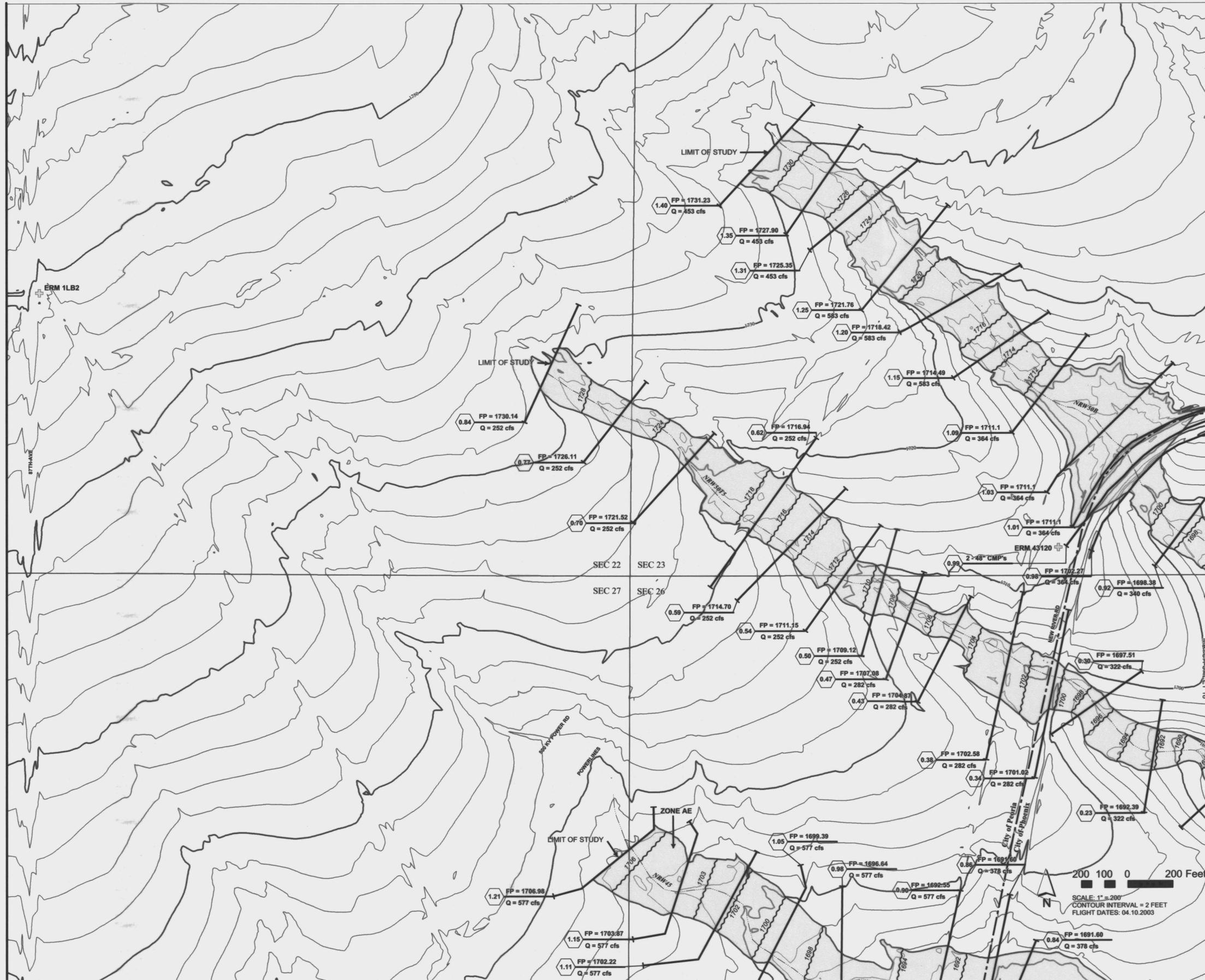


SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 04.10.2003

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

AERIAL MAPPING COMPANY, DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY

HYDRAULIC BASE LINE

CROSS SECTION

ELEVATION REFERENCE MARK

BASE FLOOD ELEVATIONS

ZONE DESIGNATIONS

CORPORATE LIMITS

COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY

10 FT CONTOUR LINES

2 FT CONTOUR LINES

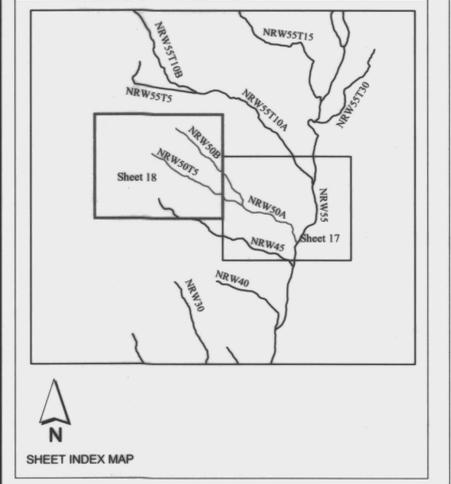
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ILB2	1748.36	GDACS CONTROL POINT - FOUND STEEL ROD IN CASING ON EAST SIDE OF PLEASANT HARBOR ROAD IN THE SE 1/4 SEC 22, T6N, R1E
43120	1711.21	SET REBAR WITH 2" CAP STAMPED "43120" 100' WEST OF NEW RIVER ROAD AT SOUTH END OF CURVE WEST OF THE SE 1/4 SEC 22, T6N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T6N, R1E
43125	1693.69	SET REBAR WITH 2" CAP STAMPED "43125" SOUTHWEST OF A TRAIL AT END OF A ROAD/CAR FOR THE NORTH-EASTERLY PROJECTION OF HWY 74 CONNECTION TO NEW RIVER ROAD (UNDER CONSTRUCTION) NEAR THE CENTER OF SEC 26, T6N, R1E

NOTES

1- THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	04.06.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057

URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

Sheet 18 of 27

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

AERIAL MAPPING COMPANY: DATABASED TERRAIN MAPPING, INC

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC



LEGEND

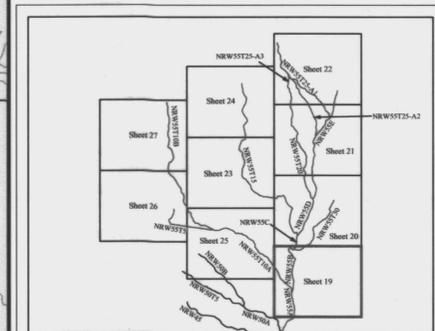
- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

ELEVATION REFERENCE MARKS
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIL ABOVE TANK IN THE NE 1/4 SEC 11, T8N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' NW OF STOCK TANK IN THE SE 1/4 SEC 12, T8N, R1E
43107	1810.66	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 1/4 SEC 12, T8N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX 600' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T8N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T8N, R1E
43114	1769.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROADSCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 22, T8N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRIEDLAND ROADSCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T8N, R1E
43116	1682.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROADSCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T8N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T8N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	07.29.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

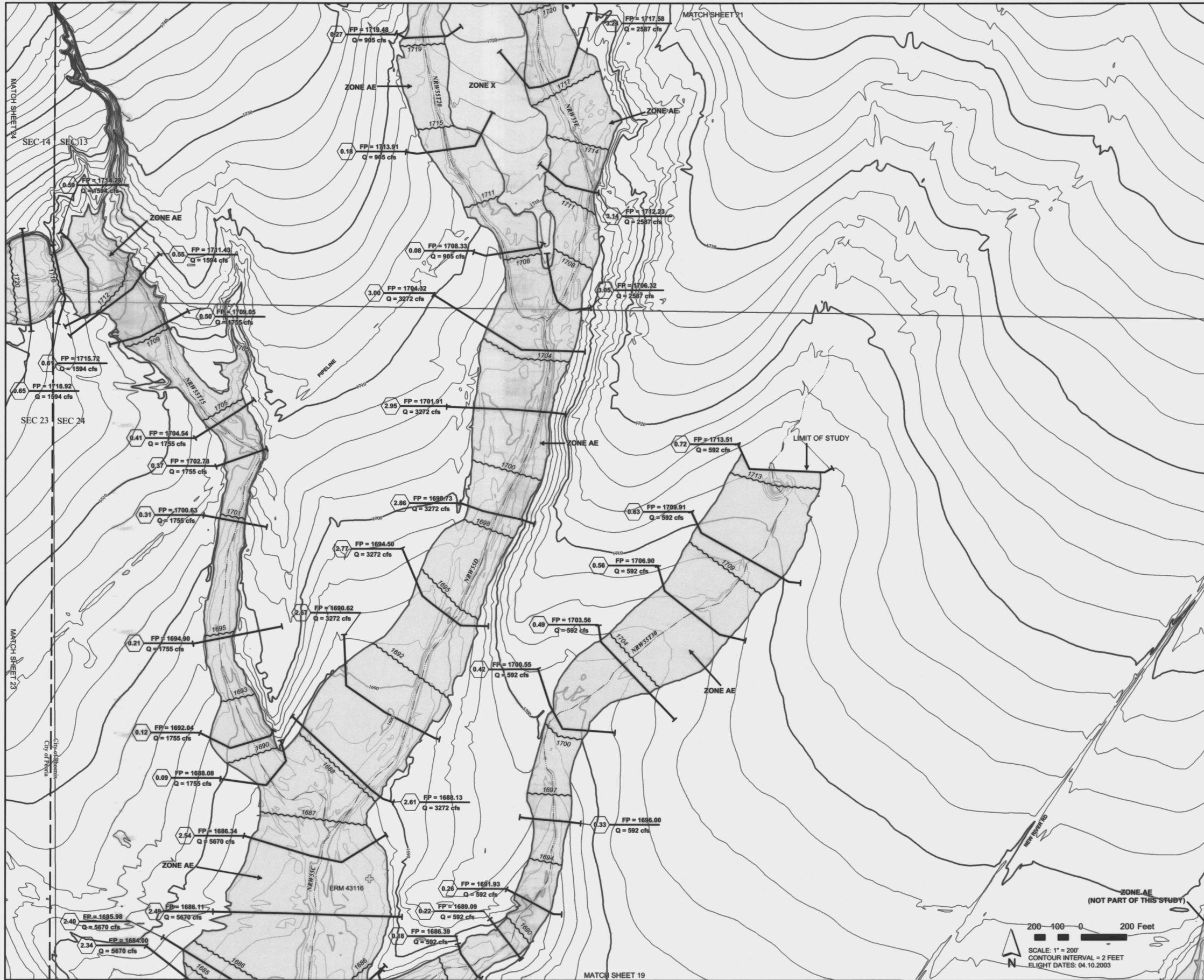
NEW RIVER WEST TRIBUTARIES

FLOOD DELINEATION STUDY OF

F.C.D. CONTRACT NO. 2003-C057



DESIGN	BY	DATE
DESIGN CHK	DEG	
PLANS	DEG	12.10.04
PLANS CHK	MCFM	12.10.04



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

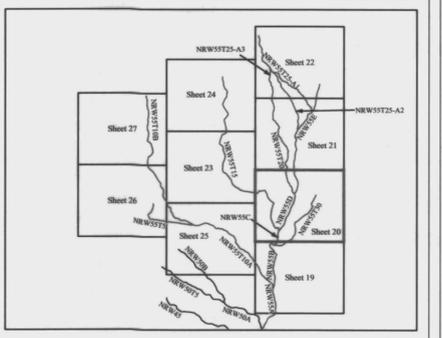
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIN ABOVE TANK IN THE NE 1/4 SEC 11, T6N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' WNW OF STOCK TANK IN THE SE 1/4 SEC 12, T6N, R1E
43107	1810.66	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 1/4 SEC 12, T6N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX 600' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T6N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T6N, R1E
43114	1769.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROAD/SCAR APPROX. 1000' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 23, T6N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRENCH AND ROAD/SCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T6N, R1E
43116	1682.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROAD/SCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T6N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T6N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



N
SHEET INDEX MAP

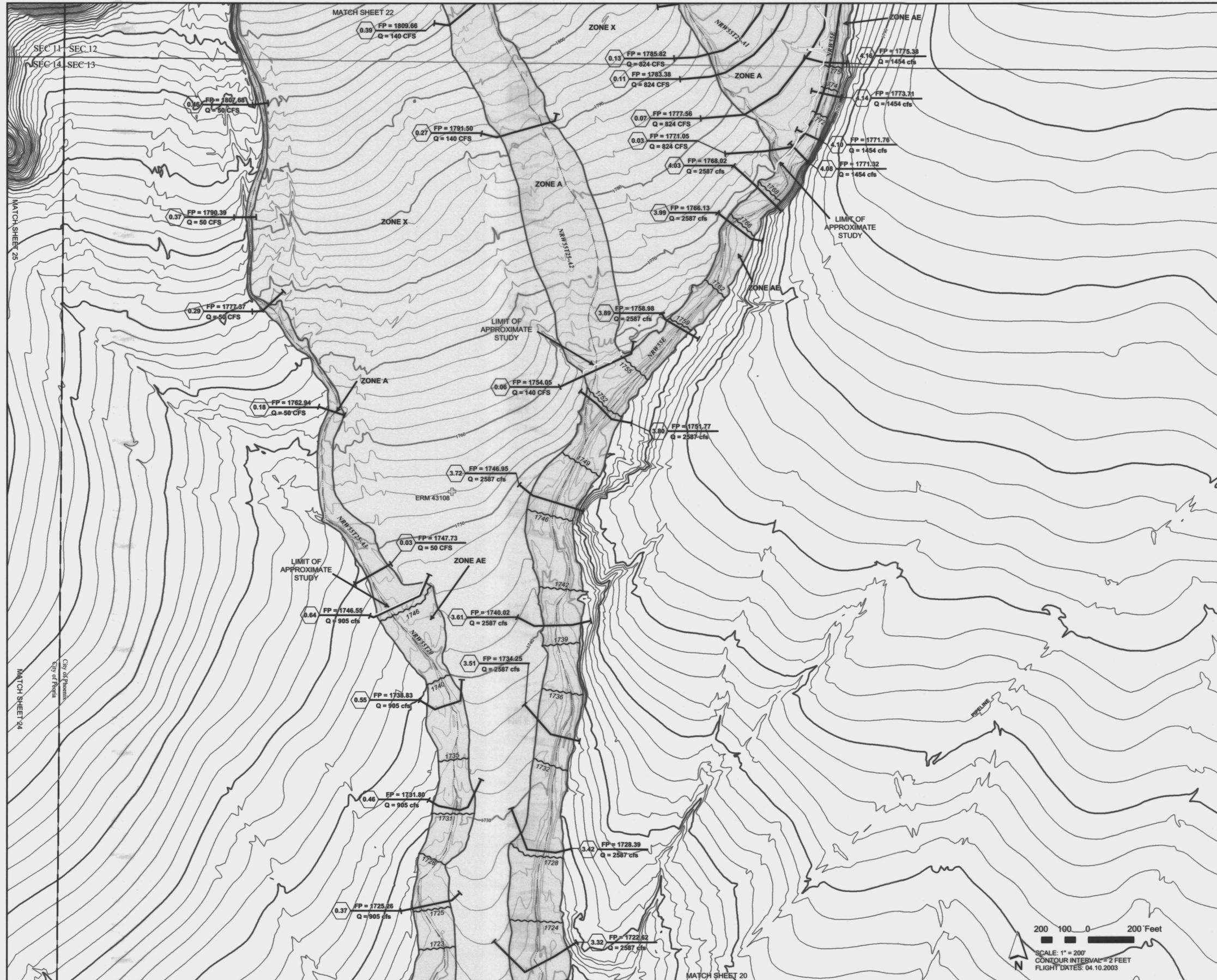
NO.	REVISION	DATE
2	UPDATED LEGEND	DEG 04.06.05
1	RESPONSE TO COMMENTS	DEG 07.29.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057



DESIGN	BY	DATE
DESIGN CHK.	DEG	12.10.04
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04





LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

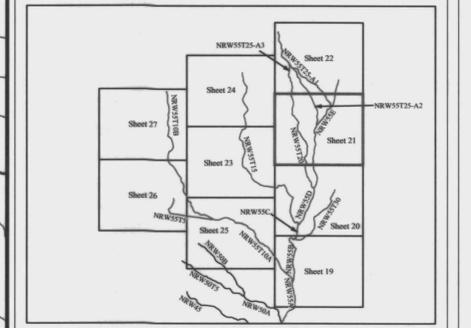
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD89 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIN ABOVE TANK IN THE NE 1/4 SEC. 11, T6N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' NW OF STOCK TANK IN THE SE 1/4 SEC 12, T6N, R1E
43107	1810.66	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 1/4 SEC 12, T6N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX. 600' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T6N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T6N, R1E
43114	1769.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROADSCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 22, T6N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRENCH AND ROADSCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T6N, R1E
43116	1682.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROADSCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T6N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T6N, R1E

NOTES

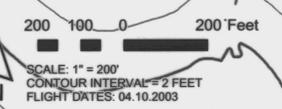
- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE

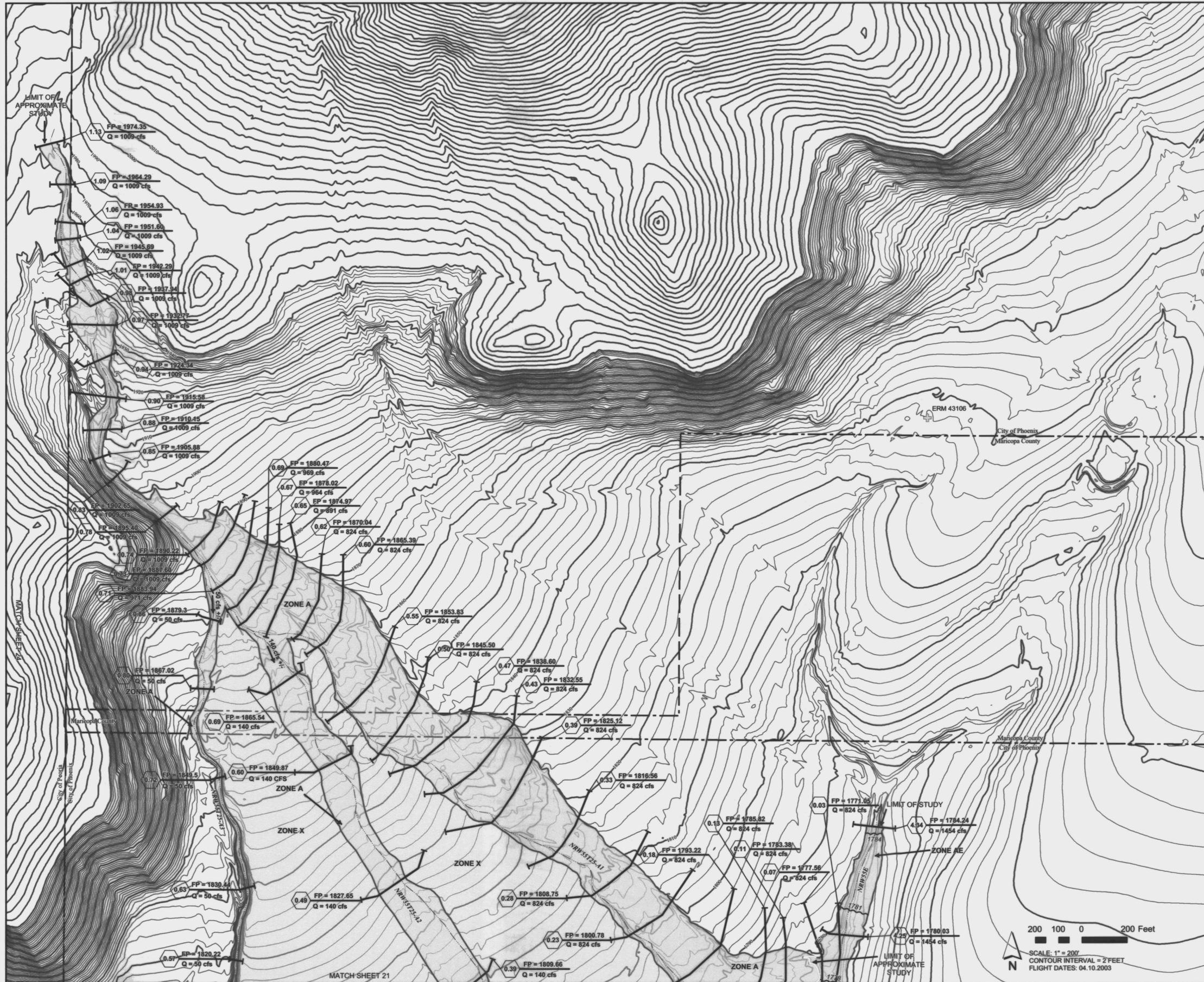


NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	07.29.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057

	URS	
	BY	DATE
	DESIGN	
	DESIGN CHK.	
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04





LEGEND

- 1% ANNUAL CHANGE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

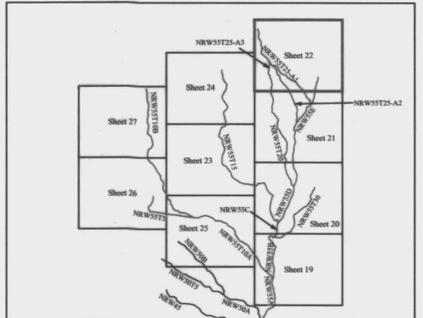
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIN ABOVE TANK IN THE NE 1/4 SEC 11, T6N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' WNW OF STOCK TANK IN THE SE 1/4 SEC 12, T6N, R1E
43107	1810.66	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 1/4 SEC 12, T6N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX 600' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T6N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T6N, R1E
43114	1769.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROAD/SCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 22, T6N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRENC AND ROAD/SCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T6N, R1E
43116	1682.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROAD/SCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T6N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T6N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.06
1	RESPONSE TO COMMENTS	DEG	07.29.06

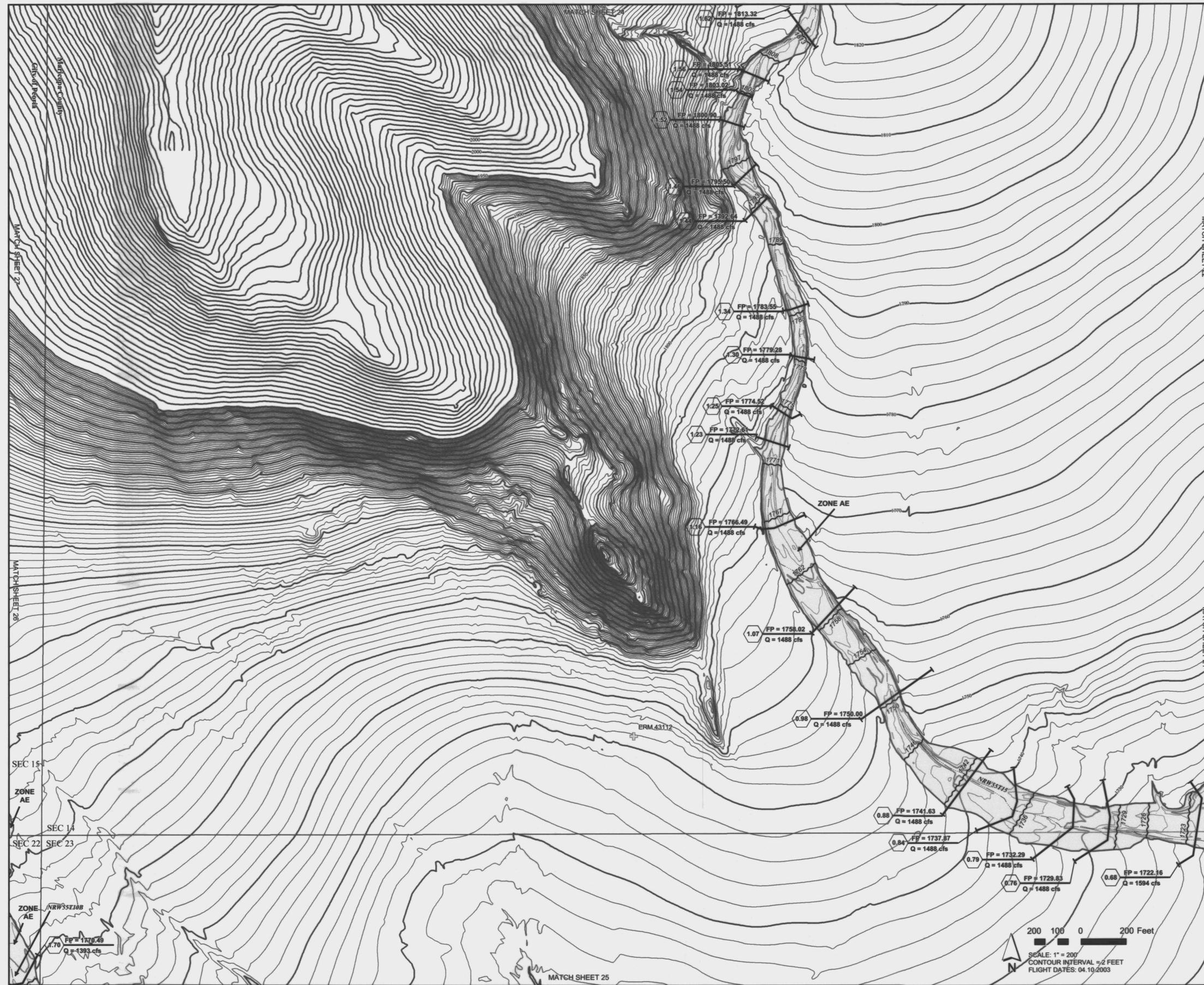
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057



URS

DESIGN	BY	DATE
DESIGN CHK.	DEG	12.10.04
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04



MATCH SHEET 22
MARCH SHEET 21
MARCH SHEET 20
MARCH SHEET 19
MARCH SHEET 18
MARCH SHEET 17
MARCH SHEET 16
MARCH SHEET 15
MARCH SHEET 14
MARCH SHEET 13
MARCH SHEET 12
MARCH SHEET 11
MARCH SHEET 10
MARCH SHEET 9
MARCH SHEET 8
MARCH SHEET 7
MARCH SHEET 6
MARCH SHEET 5
MARCH SHEET 4
MARCH SHEET 3
MARCH SHEET 2
MARCH SHEET 1

LEGEND

1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
HYDRAULIC BASE LINE
CROSS SECTION
ELEVATION REFERENCE MARK
BASE FLOOD ELEVATIONS
ZONE DESIGNATIONS
CORPORATE LIMITS
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
10 FT CONTOUR LINES
2 FT CONTOUR LINES

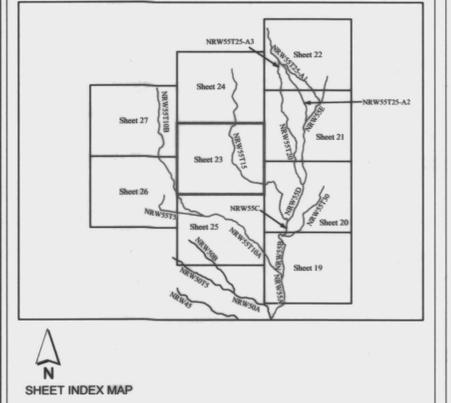
ERM XXX
1221
ZONE AE
Corporate Limits
County Boundary
1500

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.51.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.89	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIL ABOVE TANK IN THE NE 1/4 SEC 11, T8N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' WNW OF STOCK TANK IN THE SE 1/4 SEC 12, T8N, R1E
43107	1810.68	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 1/4 SEC 12, T8N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX. 600' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T8N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T8N, R1E
43114	1768.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROADSCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 22, T8N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRENCH AND ROADSCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T8N, R1E
43116	1682.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROADSCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T8N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T8N, R1E

NOTES
1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



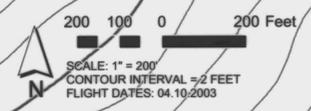
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2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	07.29.05

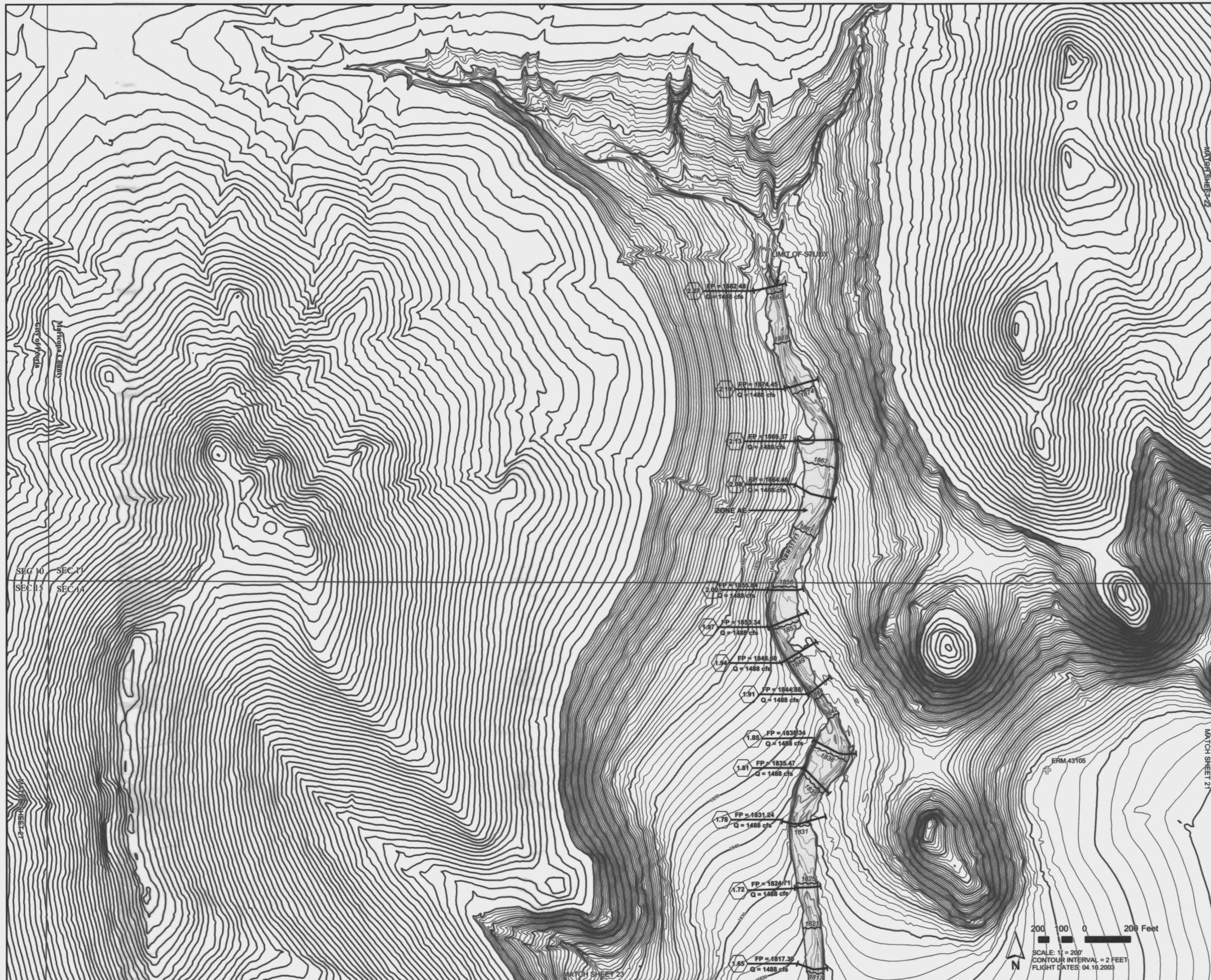
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057

URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

Sheet 23 of 27





LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
 - FP = 1888.74
 - Q = 123 CFS
- ELEVATION REFERENCE MARK ERM XXX
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS **ZONE AE**
- CORPORATE LIMITS Corporate Limits
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY County Boundary
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

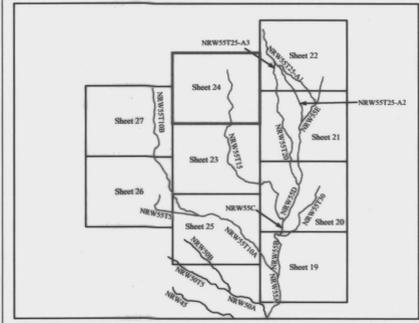
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIL ABOVE TANK IN THE NE 1/4 SEC 11, T8N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' WEST OF STOCK TANK IN THE SE 1/4 SEC 12, T8N, R1E
43107	1810.66	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 1/4 SEC 12, T8N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX 800' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T8N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T8N, R1E
43114	1769.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROAD/SCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARDOR ROAD IN SEC 22, T8N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRENCH AND ROAD/SCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T8N, R1E
43116	1862.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROAD/SCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T8N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T8N, R1E

NOTES

1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



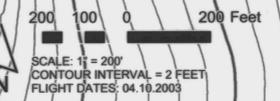
NO.	UPDATED LEGEND	DEG	DATE
1	RESPONSE TO COMMENTS	DEG	07.28.05
2	REVISION	BY	DATE

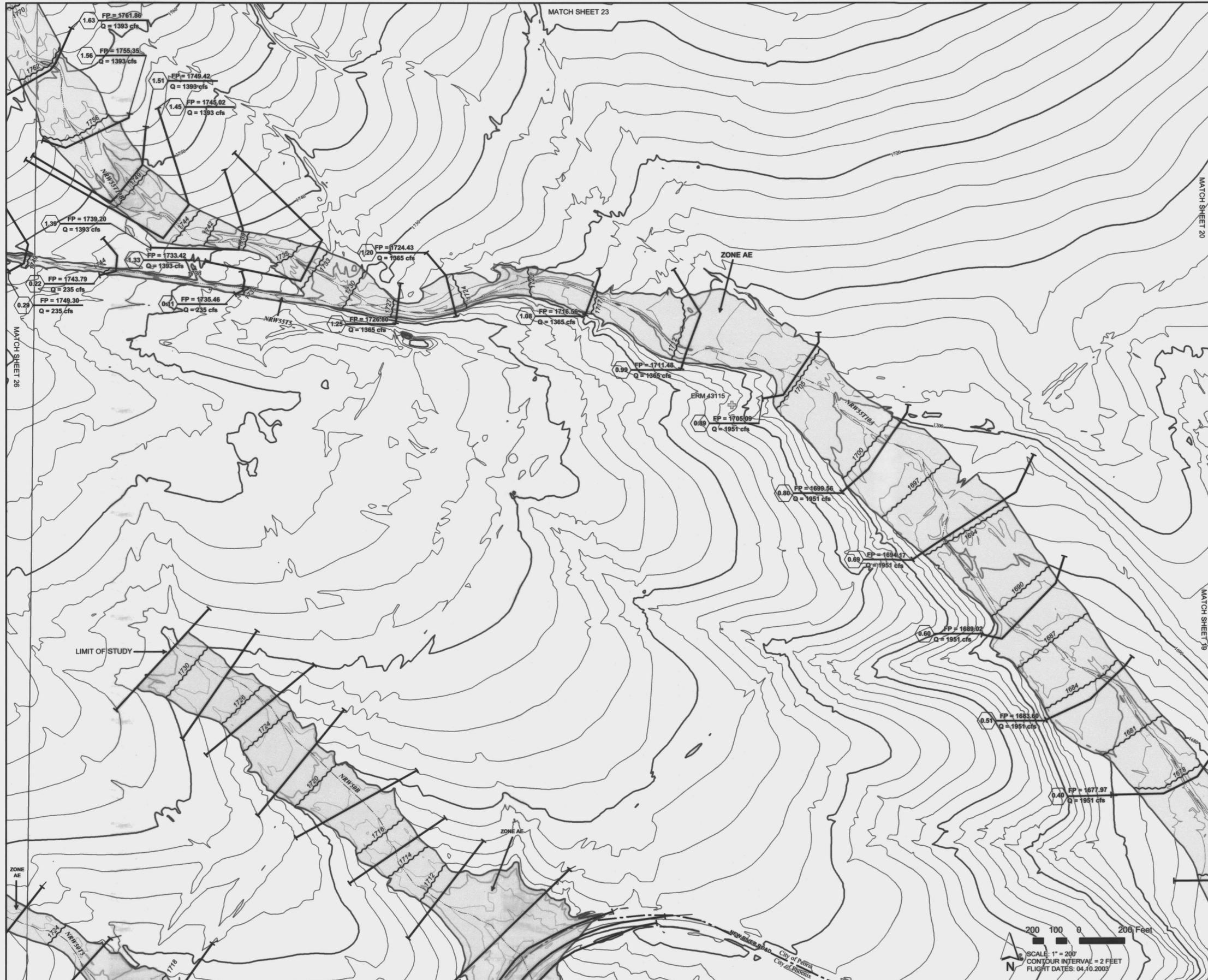
**FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY**

NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057



	BY	DATE
DESIGN		
DESIGN CHK.	DEG	12.10.04
PLANS		
PLANS CHK.	MCFM	12.10.04





LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

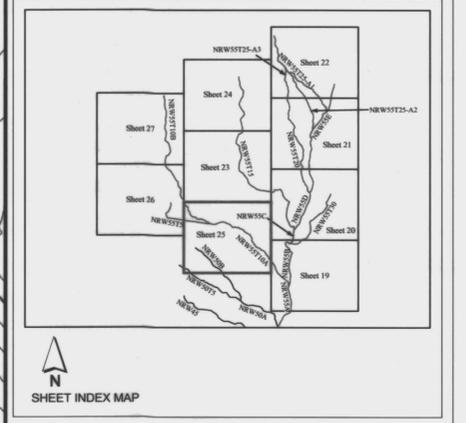
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD88 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIN ABOVE TANK IN THE NE 1/4 SEC 11, T6N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' WNW OF STOCK TANK IN THE SE 1/4 SEC 12, T6N, R1E
43107	1810.66	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTCROCK CENTER" IN THE SE 1/4 SEC 12, T6N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX 600' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T6N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T6N, R1E
43114	1768.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROADSCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 22, T6N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRENCH AND ROADSCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T6N, R1E
43116	1822.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROADSCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T6N, R1E
43121	1870.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T6N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	BY	DATE
2	UPDATED LEGEND	DEG	04.06.05
1	RESPONSE TO COMMENTS	DEG	07.29.05

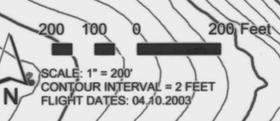
**FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY**

**NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057**

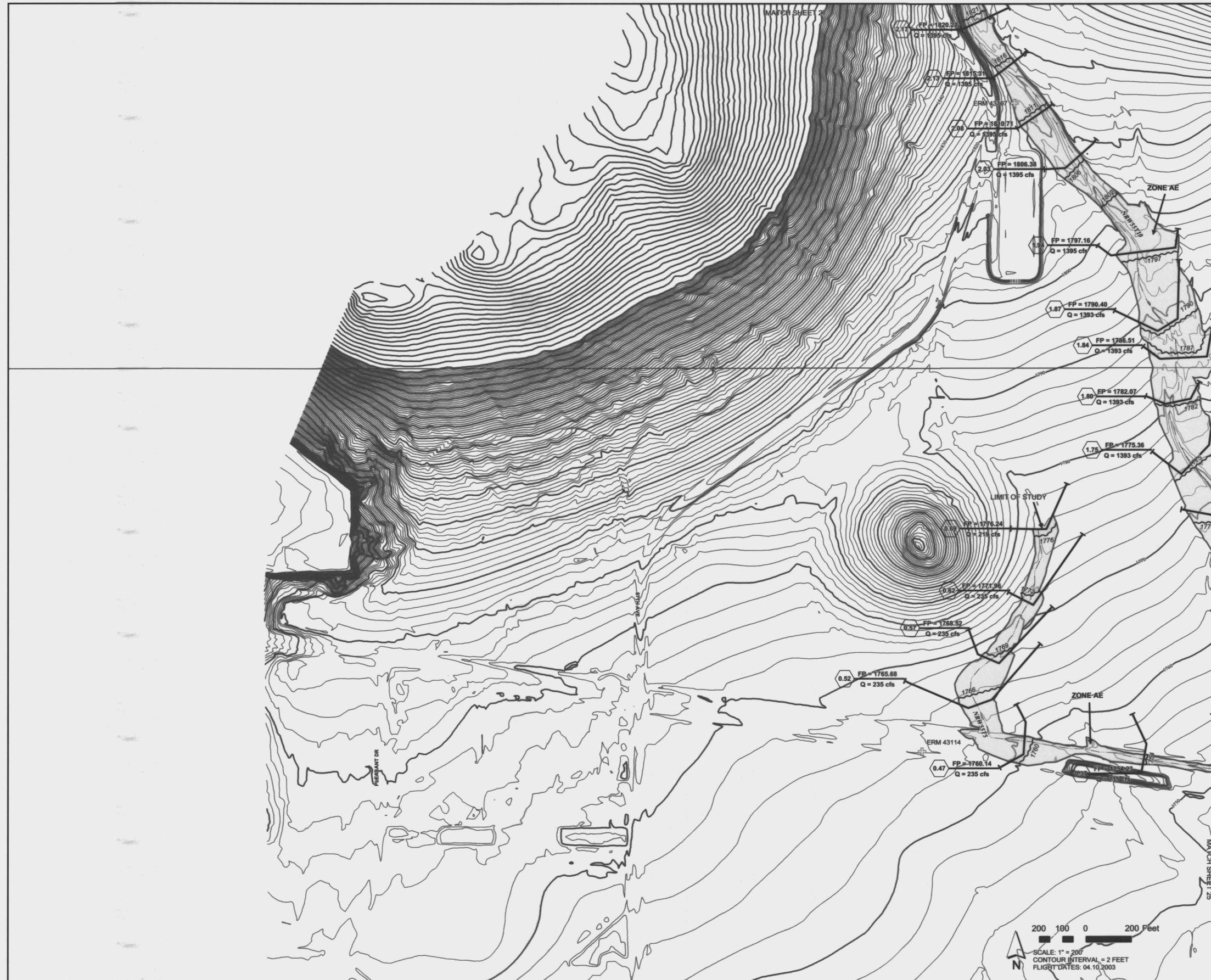
URS

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04

Sheet 25 of 27



THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS. AERIAL MAPPING COMPANY: DATABASED TERRAIN MAPPING, INC. GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

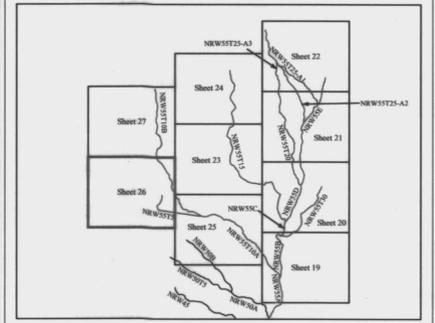
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD09 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIL ABOVE TANK IN THE NE 14 SEC 11, T8N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' WNW OF STOCK TANK IN THE SE 14 SEC 12, T8N, R1E
43107	1810.68	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 14 SEC 12, T8N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX 600' EAST OF TRANSMISSION LINE IN THE NW 14 SEC 13, T8N, R1E
43112	1751.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T8N, R1E
43114	1769.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROAD/SCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 22, T8N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRENCH AND HONDISCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T8N, R1E
43116	1682.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROAD/SCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T8N, R1E
43121	1670.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 14 SEC 25, T8N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	DATE
2	UPDATED LEGEND	04.08.05
1	RESPONSE TO COMMENTS	07.29.05

**FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY**

**NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057**



	BY	DATE
DESIGN		
DESIGN CHK.	DEG	12.10.04
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04



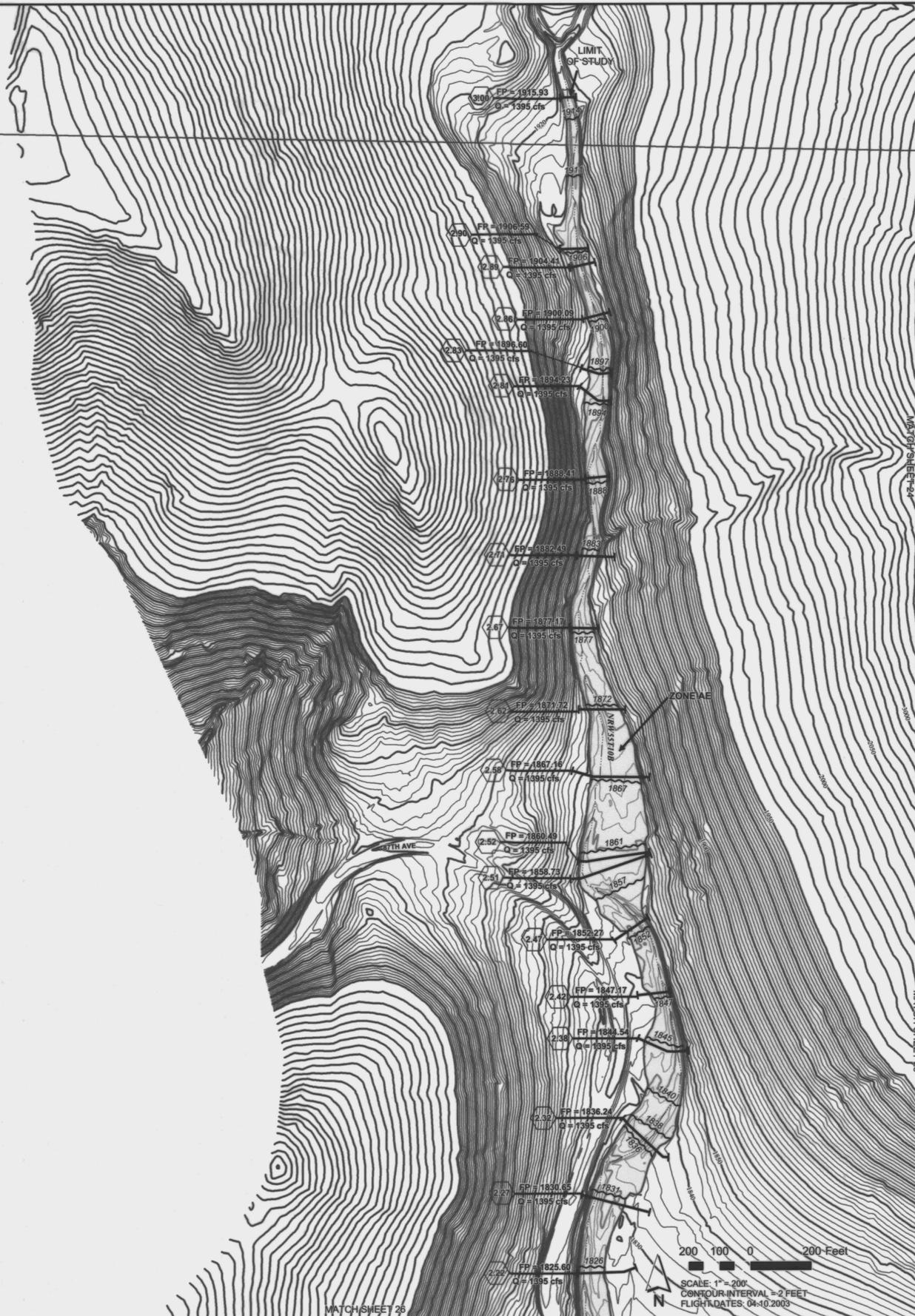
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 04.10.2003

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

AERIAL MAPPING COMPANY:
DATABASE TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY:
DATABASE TERRAIN MAPPING, INC.

SEC 9
SEC 15



LEGEND

- 1% ANNUAL CHANCE FLOOD HAZARD BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION: $Q = 123 \text{ CFS}$, $FP = 1888.74$
- ELEVATION REFERENCE MARK: ERM XXX
- BASE FLOOD ELEVATIONS: 1221
- ZONE DESIGNATIONS: ZONE AE
- CORPORATE LIMITS: Corporate Limits
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY: County Boundary
- 10 FT CONTOUR LINES
- 2 FT CONTOUR LINES

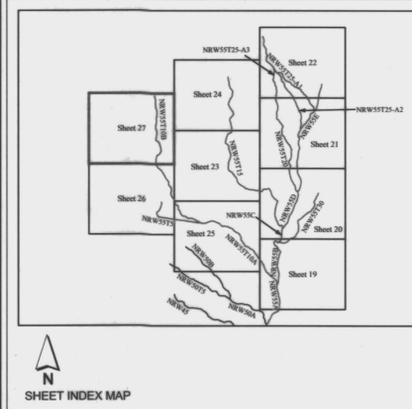
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1988. CONVERSION FACTOR TO NAVD83 = ELEVATION NGVD29 + 1.91.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
43105	1804.99	SET REBAR WITH 2" CAP STAMPED "43105" AT END OF TRAIN ABOVE TANK IN THE NE 1/4 SEC 11, T8N, R1E
43106	1825.02	SET REBAR WITH 2" CAP STAMPED "43106" APPROX. 400' WEST OF TRANSMISSION LINE AND 800' NORTH OF STOCK TANK IN THE SE 1/4 SEC 12, T8N, R1E
43107	1810.66	SET REBAR WITH 2" CAP STAMPED "43107" AT INTERSECTION OF TRAIL AND PAVED ROAD TO "DESERT OUTDOOR CENTER" IN THE SE 1/4 SEC 12, T8N, R1E
43108	1753.49	SET REBAR WITH 2" CAP STAMPED "43108" IN OPEN DESERT APPROX. 600' EAST OF TRANSMISSION LINE IN THE NW 1/4 SEC 13, T8N, R1E
43112	1761.81	SET REBAR WITH 2" CAP STAMPED "43112" SOUTH OR ROCK OUTCROP AT SOUTH END OF "BLACK MOUNTAIN" APPROX. 1000' WEST OF TRANSMISSION LINE NEAR THE SOUTH LINE OF SEC 14, T8N, R1E
43114	1769.67	SET REBAR WITH 2" CAP STAMPED "43114" ON SOUTH SIDE OF ROADSCAR APPROX. 1200' EAST OF THE NORTH END OF PLEASANT HARBOR ROAD IN SEC 22, T8N, R1E
43115	1712.94	SET REBAR WITH 2" CAP STAMPED "43115" SOUTH OF FRIEDS AND ROADSCAR AND APPROX. 800' EAST OF TRANSMISSION LINE THROUGH SEC 23, T8N, R1E
43116	1882.80	SET REBAR WITH 2" CAP STAMPED "43116" ON NORTH SIDE OF ROADSCAR AND EAST OF DRAIN TO "FLAT TANK" IN SEC 24, T8N, R1E
43121	1870.93	SET REBAR WITH 2" CAP STAMPED "43121" ON SOUTH SIDE OF NEW RIVER ROAD AT CURVE TO NORTH IN NE 1/4 SEC 25, T8N, R1E

NOTES

- 1 - THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE



NO.	REVISION	DATE
2	UPDATED LEGEND	04.06.05
1	RESPONSE TO COMMENTS	07.29.05

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
NEW RIVER WEST TRIBUTARIES
FLOOD DELINEATION STUDY OF
F.C.D. CONTRACT NO. 2003-C057

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	DEG	12.10.04
PLANS CHK.	MCFM	12.10.04



URS