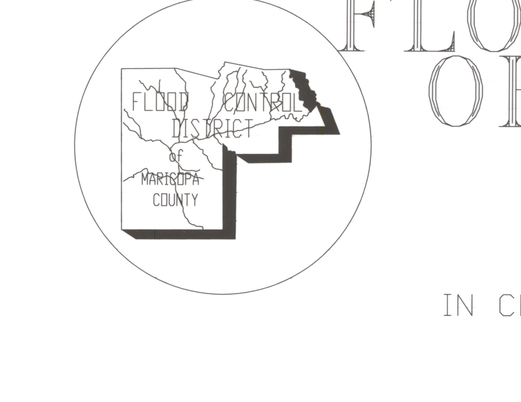
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

A FEMA COOPERATING TECHNICAL PARTNER

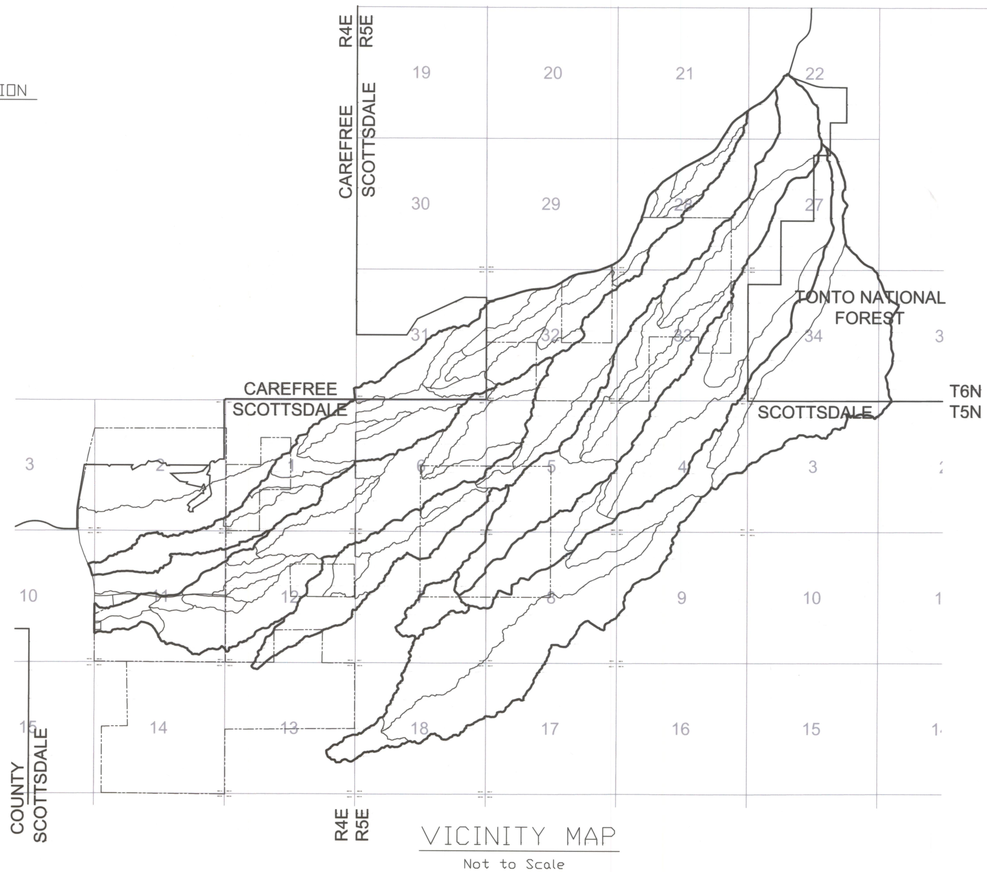
IN CONJUNCTION WITH CITY OF SCOTTSDALE AND TOWN OF CAREFREE

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD CONTRACT NO. 2003C008

PROJECT LOCATION



MARICOPA COUNTY
Not to Scale



VICINITY MAP
Not to Scale

STAGECOACH PASS WASH	SHEET 2-7
UPPER BOULDERS WASH	SHEET 8-11
FAN 6C	SHEET 12-14
FAN 6A, FAN 6A NORTH, AND FAN 6A SOUTH	SHEET 15-20
UPPER FAN 5	SHEET 21-24

TOPOGRAPHIC MAPPING WAS PROVIDED BY FCDMC. DEI PROFESSIONAL SERVICES WAS NOT CONTRACTED TO PERFORM TOPOGRAPHIC VERIFICATION AND SHALL BE HELD HARMLESS TO ANY INACCURACIES FOUND IN THE MAPPING.

DEI PERFORMED SURVEY OF SELECTED DRAINAGE STRUCTURES AND FEATURES BASED ON COS NAVD 88. SURVEY DATA IS NOT SHOWN ON THESE DRAWINGS BUT CAN BE FOUND IN APPENDIX C.3 OF THE MAIN REPORT ALONG WITH SURVEY FIELD NOTES AND PHOTOGRAPHS. THE DATA IS PROVIDED AS A SUPPLEMENT TO THE RECORDED AS-BUILT DRAWINGS. THIS IS TO CERTIFY THAT THE POSITIONAL UNCERTAINTIES RESULTING FROM THE SURVEY MEASUREMENTS MADE ON THE SURVEYED STRUCTURES AND FEATURES DO NOT EXCEED THE ALLOWABLE POSITIONAL TOLERANCE.

JASON R. KACK, R.L.S. NO. 33315 — DATE 6/17/05

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 6/17/05 ARIZONA, U.S.A.

DEI Professional Services, LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO. 01131-01.DWG

COVER SHEET

SHEET 1 OF 24

DRAWER # 320

North Scottsdale FDS
DEI
FCD 2003 C008 Drawer 320

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. 2003 C008

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3 1221
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE SUBDIVISION BOUNDARY	Section Boundary
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

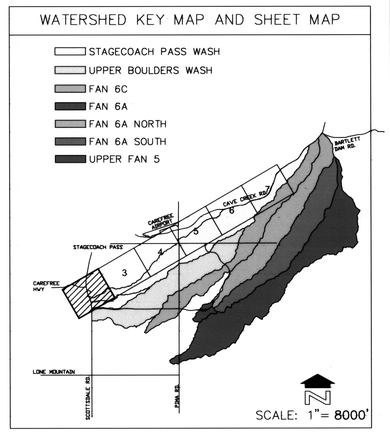
NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988

CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM1	1012	2561.11	NE CORNER SEC 1, T5N, R4E MC BC HH, DOWN 0.54FT N:1023641.223 E:707738.132 SEE SHEET 4.
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E CLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON State of Arizona

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-02.DWG	STAGECOACH PASS WASH	2 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF
NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

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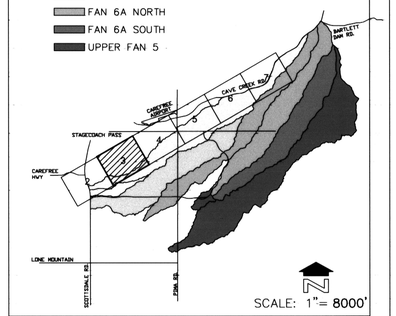
NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

16379 HAL E. MARRON
Expires 6-30-06
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-03.DWG	STAGECOACH PASS WASH	3 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

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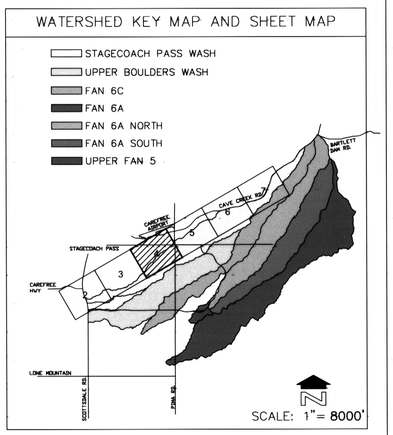
NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 6/7/04 ARIZONA U.S.A.

23 DEI Professional Services, L.L.C.

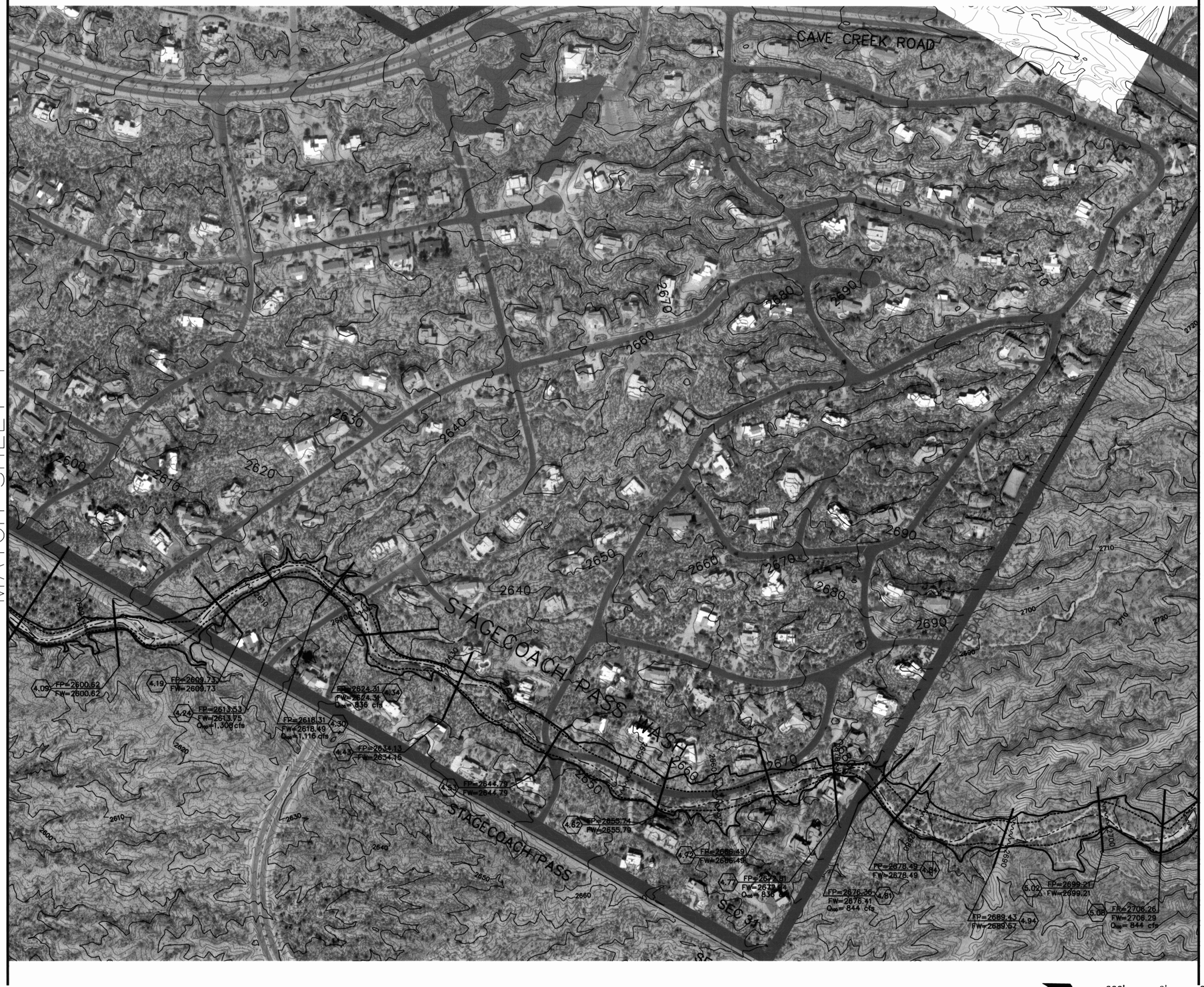
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-04.DWG	STAGECOACH PASS WASH	4 OF 24

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF
NORTH SCOTTSDALE TRIBUTARIES
STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

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NOTES

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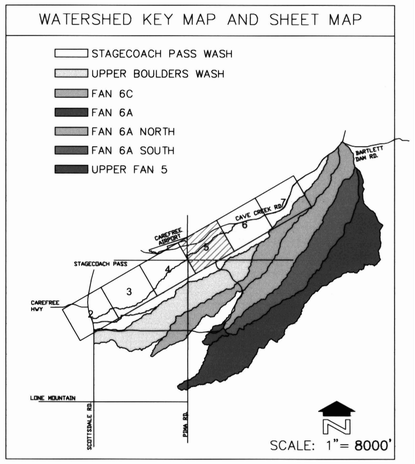

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer Certificate No. 16379 HAL E. MARRON Date Signed 6-30-05 ARIZONA U.S.A.

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO. 01131-05.DWG

PLAN SHEET STAGECOACH PASS WASH

SHEET 5 OF 24

MATCH SHEET 5

MATCH SHEET 7

200' 0' 200' 400'

SCALE: 1"= 200'

CONTOUR INTERVAL = 2 FEET

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

IGA #93-07

MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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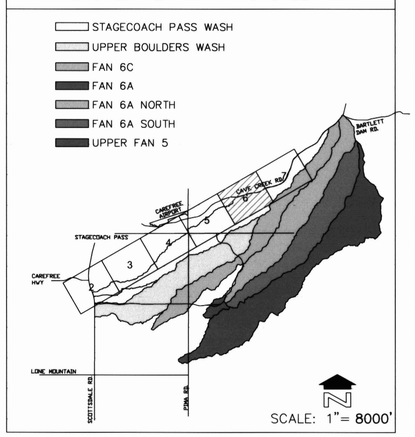
NOTES

WATERSHED KEY MAP AND SHEET MAP



SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 6-17-05 ARIZONA, U.S.A.

23 YEARS OF SERVICE DEI Professional Services, L.L.C.

DEI Professional Services, LLC

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-06.DWG	STAGECOACH PASS WASH	6 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE–JAN 1997; ORTHO PHOTOGRAPH–2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100–YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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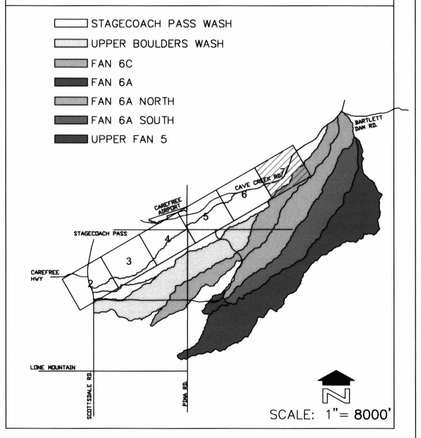
NOTES

WATERSHED KEY MAP AND SHEET MAP



SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3/28/05 ARIZONA, U.S.A.

23 YEARS OF EXCELLENCE DEI Professional Services, LLC

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131–07.DWG	STAGECOACH PASS WASH	7 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF
NORTH SCOTTSDALE TRIBUTARIES
STAGECOACH PASS, UPPER BOULDERS
FAN 6C, FAN 6A AND UPPER FAN 5
F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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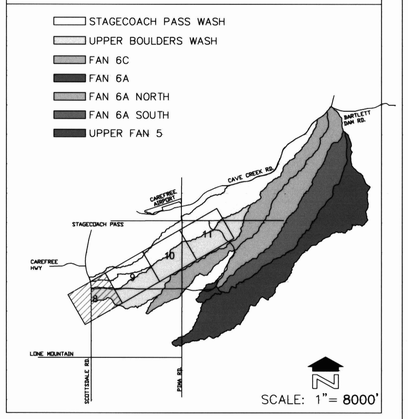

SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 6-7-05 ARIZONA, U.S.A.

23 YEARS OF EXCELLENCE DEI Professional Services, L.L.C.

DEI Professional Services, L.L.C.
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-08.DWG	UPPER BOULDERS WASH	8 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

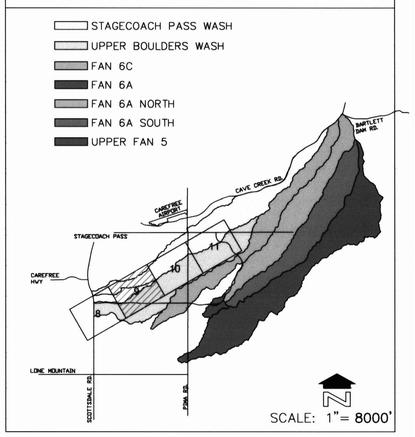
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM1	1012	2561.11	NE CORNER SEC 1, T5N, R4E MC BC HH, DOWN 0.54FT N:1023641.223 E:707738.132 SEE SHEET 4.
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 6-17-05 ARIZONA, U.S.A.

23 YEARS OF EXCELLENCE DEI Professional Services, LLC
DEI Professional Services, LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-09.DWG	UPPER BOULDERS WASH	9 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

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

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
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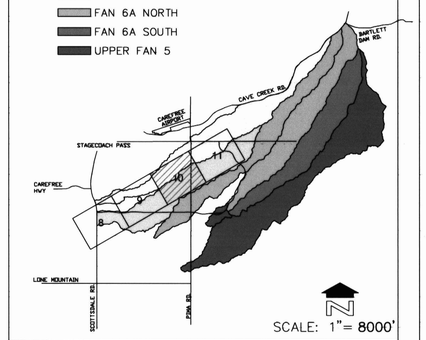
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP

- STAGECOACH PASS WASH
- UPPER BOULDERS WASH
- FAN 6C
- FAN 6A
- FAN 6A NORTH
- FAN 6A SOUTH
- UPPER FAN 5



SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3-28-05 ARIZONA U.S.A.

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO. 01131-10.DWG | PLAN SHEET UPPER BOULDERS WASH | SHEET 10 OF 24

MATCH SHEET 10

STAGECOACH PASS WASH-SEE SHEETS 2-7

FAN 6C-SEE SHEETS 12-14

ERM3 2627.07

100-YR FLOOD DISCHARGE CONTAINED IN CULVERT

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE (A) / FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM3 1221
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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

CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

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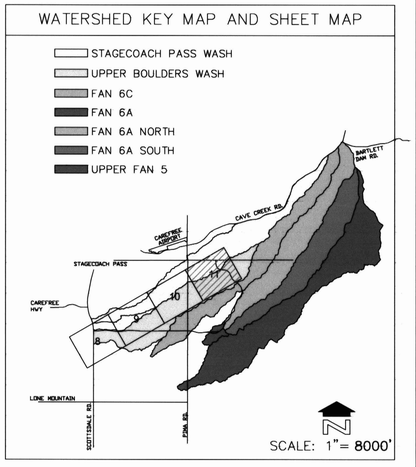
NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

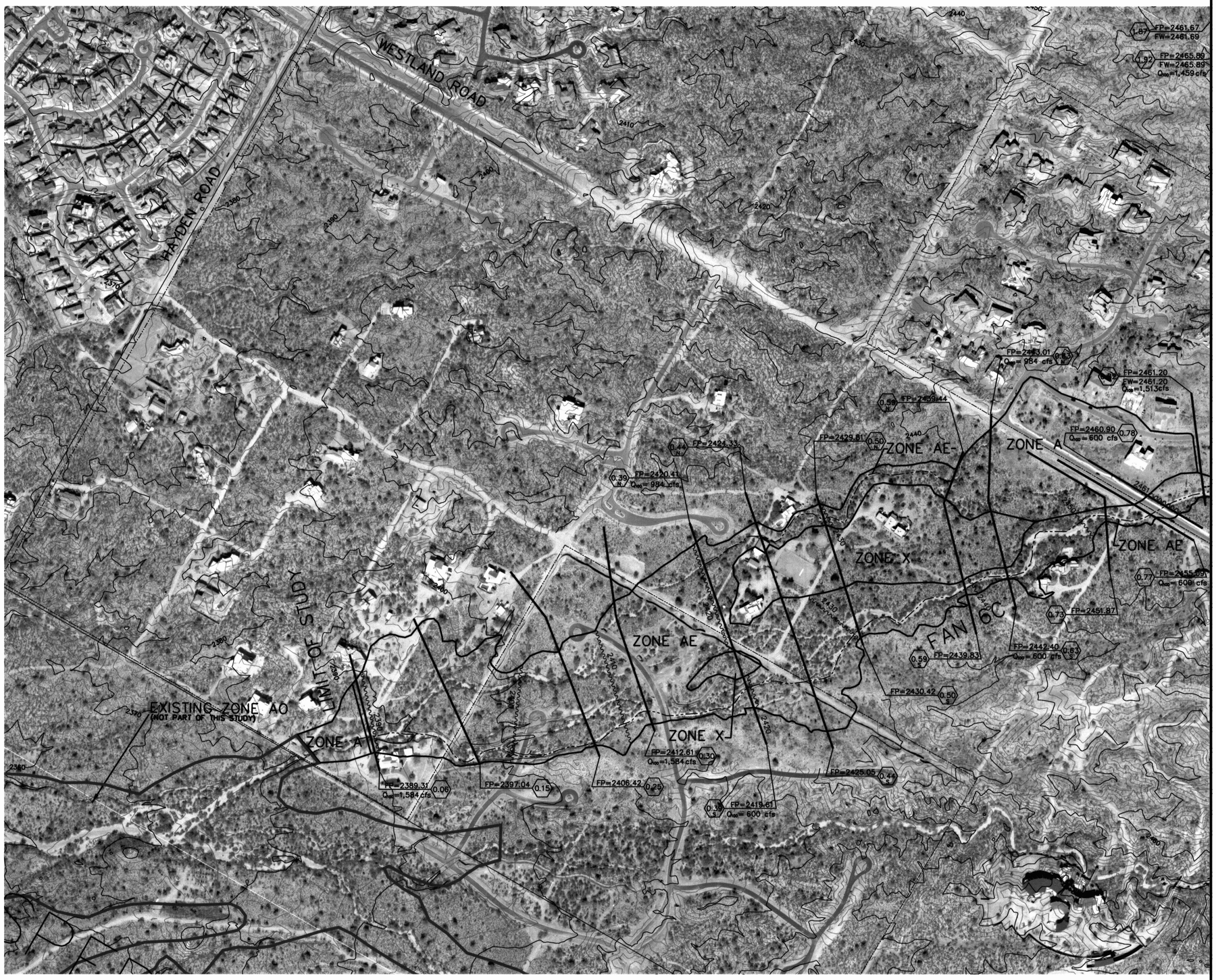
NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer Certificate No. 16379 HAL E. MARRON Date Signed 3-28-05

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-11.DWG	UPPER BOULDERS WASH	11 OF 24



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
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SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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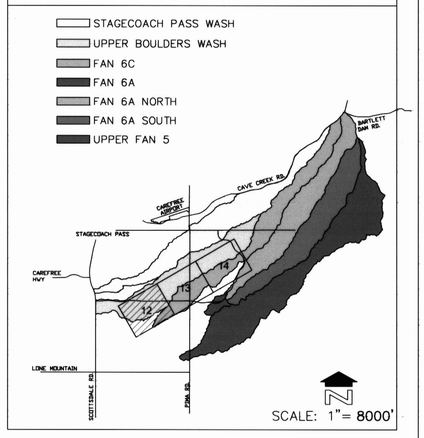
NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

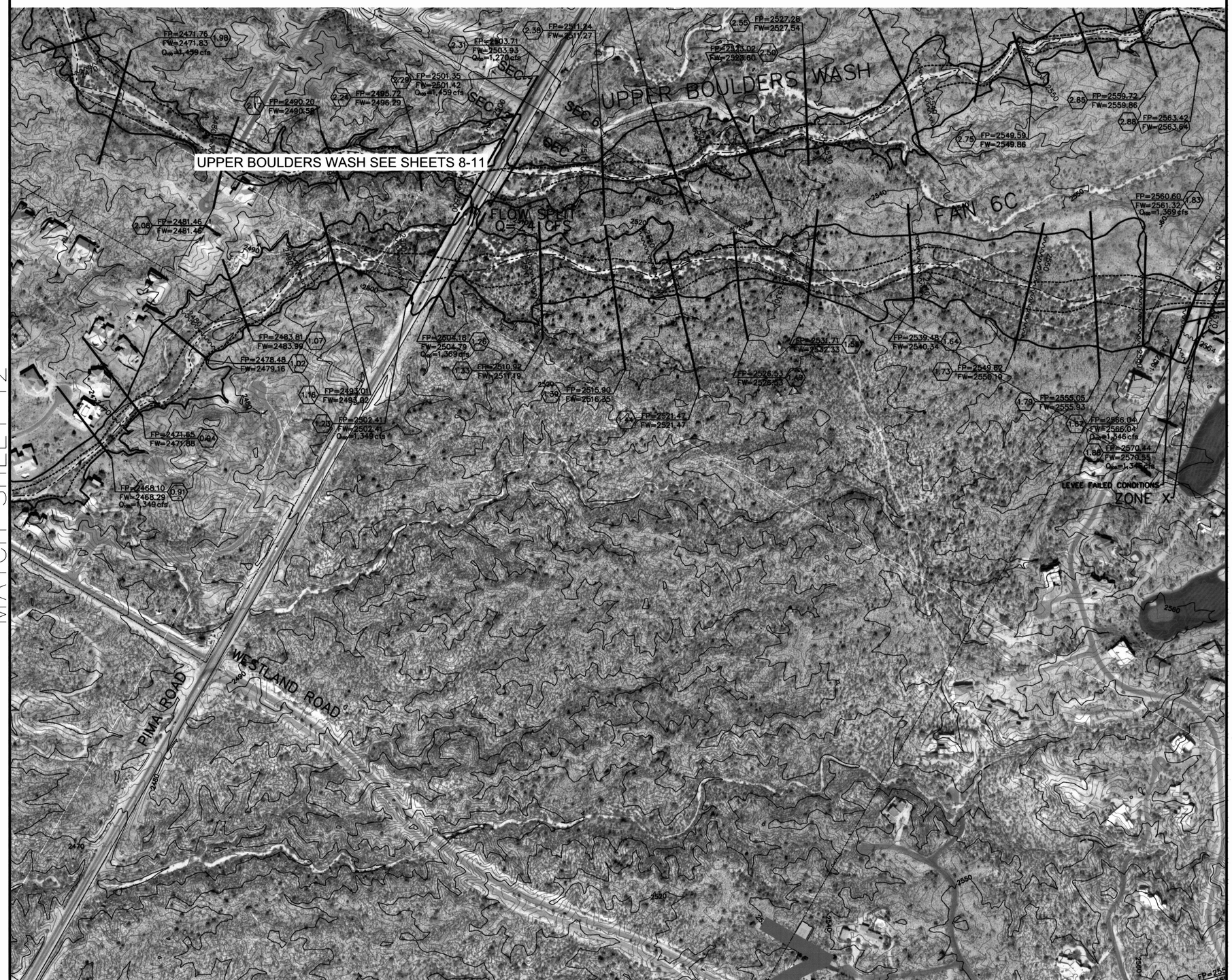
	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 6-24-03 ARIZONA, U.S.A.

23 YEARS OF EXCELLENCE DEI Professional Services, L.L.C.

DEI Professional Services LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-12.DWG	FAN 6C	12 OF 24



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION — FP=100 Yr WSE / FW=Floodway WSE (A)
- ELEVATION REFERENCE MARK — ERM3 1221
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS — ZONE AE
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY — County Boundary
- SECTION LINE — Section Boundary
- SUBDIVISION BOUNDARY
- SECTION IDENTIFICATION — 3

ELEVATION REFERENCE MARKS

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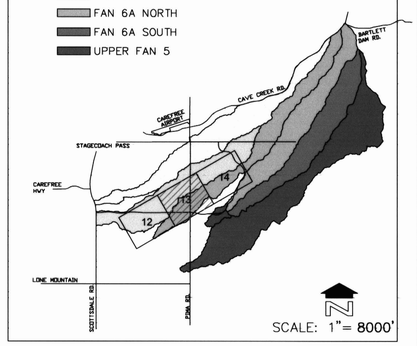
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E: 713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer — CERTIFICATE NO. 16379 — HAL E. MARRON — Date Signed — ARIZONA U.S.A.

23 YEARS — 1982-2005 — DEI Professional Services, L.L.C.
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO. 01131-13.DWG | PLAN SHEET FAN 6C | SHEET 13 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE SUBDIVISION BOUNDARY	Section Boundary
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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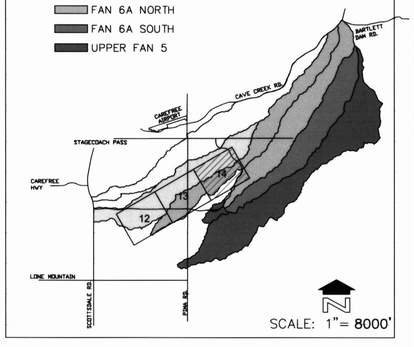
NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

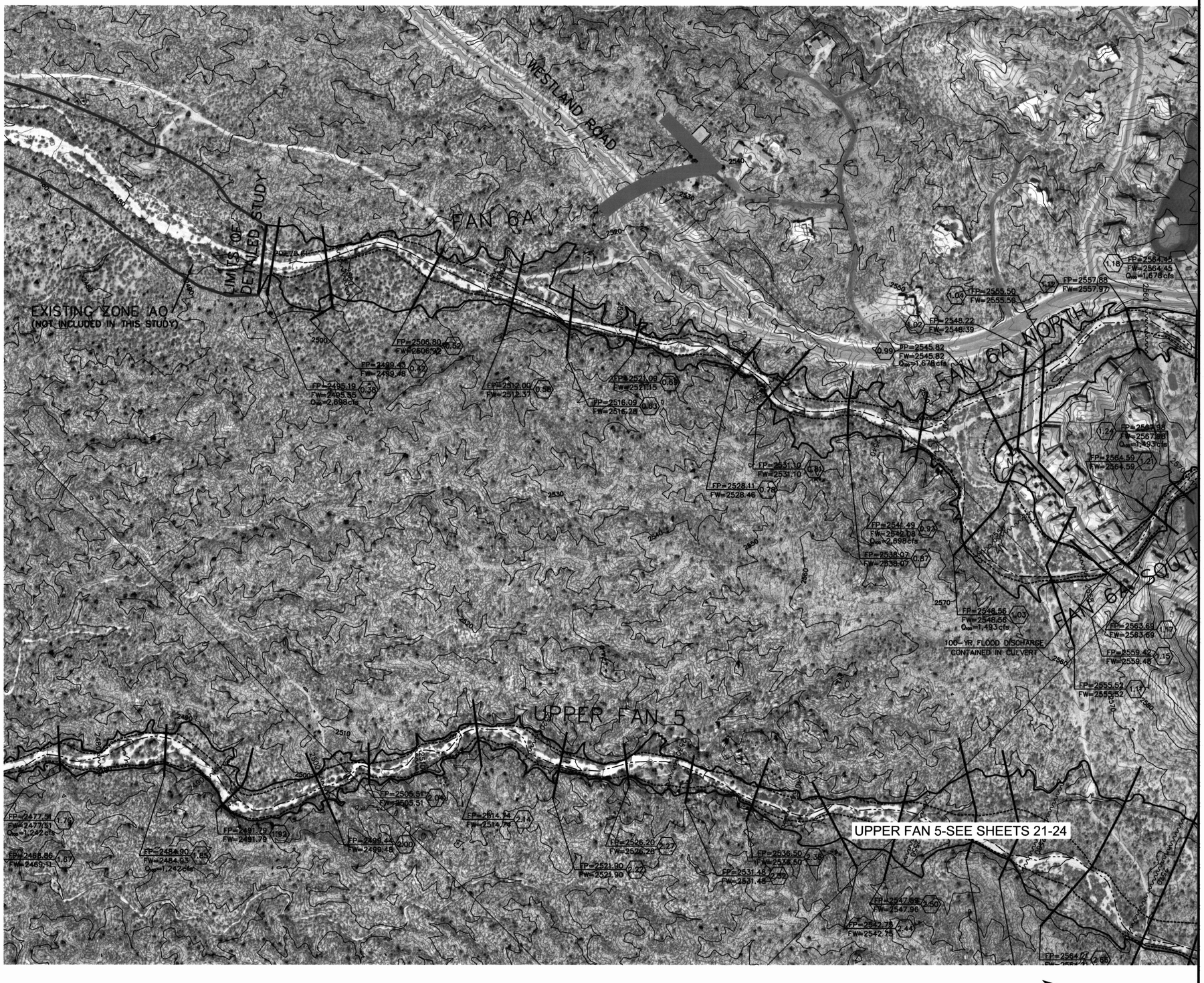
NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 10-31-05 STATE OF ARIZONA

DEI Professional Services, LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-14.DWG	FAN 6C	14 OF 24



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION — FP=100 Yr WSE / FW=Floodway WSE (A)
- ELEVATION REFERENCE MARK — ERM3 1221
- BASE FLOOD ELEVATIONS — ZONE AE
- ZONE DESIGNATIONS
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY — County Boundary
- SECTION LINE — Section Boundary
- SUBDIVISION BOUNDARY
- SECTION IDENTIFICATION — 3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
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I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
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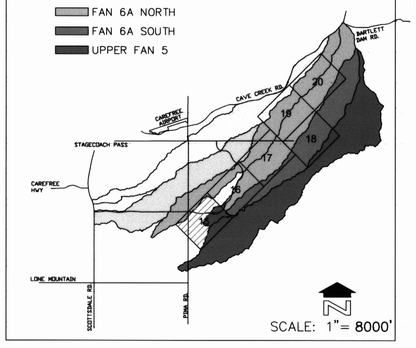
NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

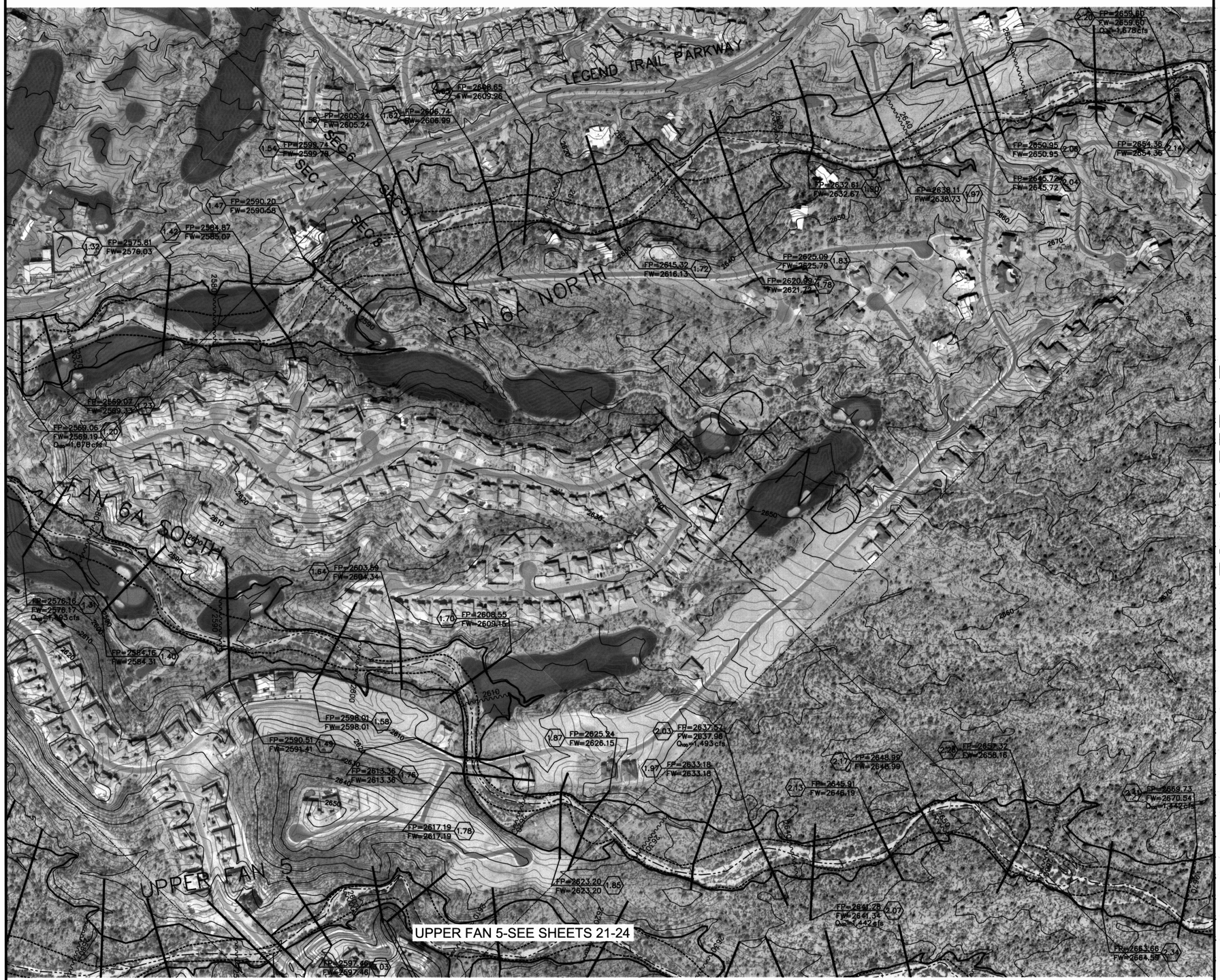
Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3/28/05 ARIZONA U.S.A.

23 YEARS OF EXCELLENCE
DEI Professional Services, LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO. 01131-15.DWG

PLAN SHEET FAN 6A

SHEET 15 OF 24



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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NOTES

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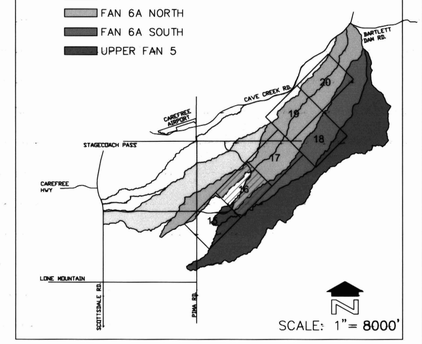

NO.	REVISION	BY	DATE
3			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY. FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON State of Arizona PROJECT ENGINEER

6225 N. 24th St., Suite 200
Phoenix, AZ. 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-16.DWG	FAN 6A	16 OF 24

MATCH SHEET 16

MATCH SHEET 19

MATCH SHEET 18

FAN 6A NORTH

FAN 6A SOUTH

LIMIT OF DETAILED STUDY

STAGECOACH PASS

FP=2687.71 (2.28) FW=2687.79 Qw=1,678cfs
FP=2687.15 (2.51) FW=2687.24 Qw=1,527cfs
FP=2670.68 (2.32) FW=2671.20
FP=2682.05 (2.44) FW=2682.10 Qw=1,678cfs
FP=2677.43 (2.39) FW=2677.43
FP=2690.94 (2.55) FW=2691.75
FP=2695.95 (2.60) FW=2696.02 Qw=1,527cfs
FP=2705.62 (2.89) FW=2706.45 Qw=1,228cfs
FP=2715.02 (2.79) FW=2715.66
FP=2723.14 (2.88) FW=2723.98
FP=2729.73 (2.99) FW=2730.22
FP=2734.98 (2.98) FW=2735.84
FP=2743.38 (3.07) FW=2746.34
FP=2757.25 (3.15) FW=2757.40 Qw=1,228cfs
FP=2769.35 (3.23) FW=2770.09 Qw=1,225cfs
FP=2778.61 (3.32) FW=2778.61
FP=2786.00 (3.39) FW=2786.90
FP=2790.87 (3.43) FW=2791.39 Qw=1,225cfs
FP=2675.35 (2.48) FW=2676.25 Qw=1,443cfs
FP=2690.97 (2.54) FW=2691.72 Qw=1,490cfs
FP=2694.28 (2.86) FW=2694.50
FP=2687.98 (2.61) FW=2688.58 Qw=1,134cfs
FP=2696.75 (2.74) FW=2699.69
FP=2705.37 (2.80) FW=2705.93
FP=2712.21 (2.90) FW=2713.62
FP=2718.88 (2.96) FW=2719.17
FP=2725.58 (3.04) FW=2726.02
FP=2730.20 (3.09) FW=2730.88
FP=2740.47 (3.18) FW=2740.50
FP=2747.50 (3.26) FW=2748.40
FP=2764.75 (3.49) FW=2765.70
FP=2764.95 (3.35) FW=2765.78
FP=2772.80 (3.32) FW=2773.61
FP=2776.37 (3.55) FW=2777.18 Qw=1,154 cfs

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

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

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS SECTION — FP=100 Yr WSE / FW=Floodway WSE (A)
- ELEVATION REFERENCE MARK — ERM3 1221
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS — ZONE AE
- CORPORATE LIMITS
- COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY — County Boundary
- SECTION LINE — Section Boundary
- SUBDIVISION BOUNDARY
- SECTION IDENTIFICATION — 3

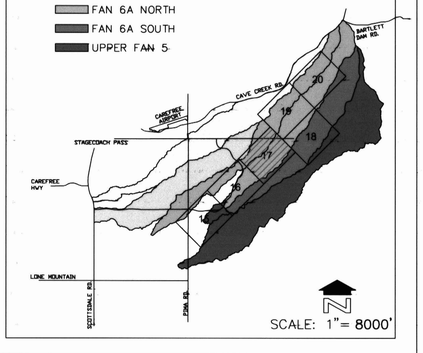
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM1	1012	2561.11	NE CORNER SEC 1, T5N, R4E MC BC HH, DOWN 0.54FT N:1023641.223 E:707738.132 SEE SHEET 4.
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

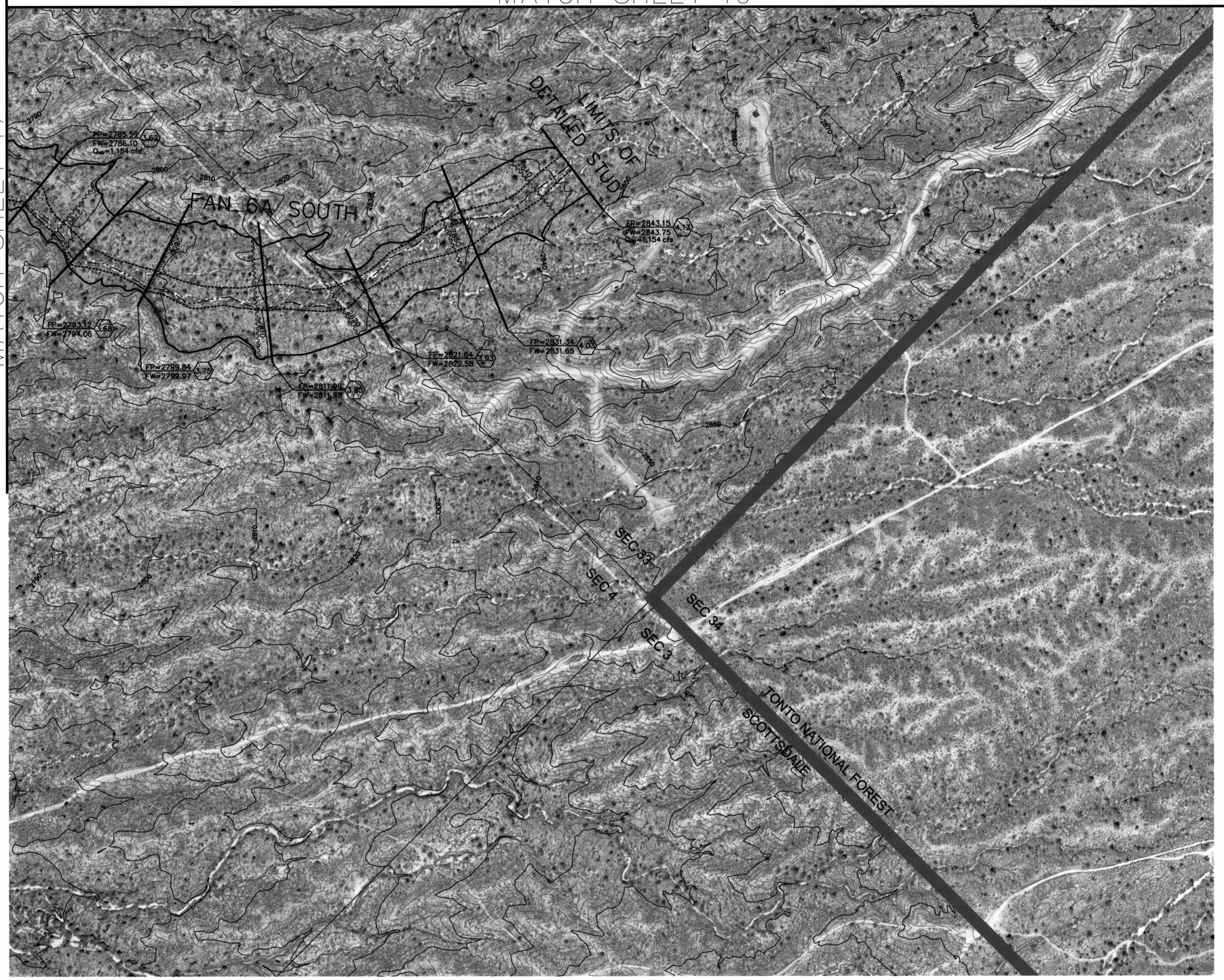
Registered Professional Engineer — CERTIFICATE NO. 16379 HAL E. MARRON — Date Signed 3/28/05 — ARIZONA U.S.A.

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-17.DWG	FAN 6A	17 OF 24

MATCH SHEET 19

MATCH SHEET 17



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF
NORTH SCOTTSDALE TRIBUTARIES
STAGECOACH PASS, UPPER BOULDERS
FAN 6C, FAN 6A AND UPPER FAN 5
F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3 ◙ 1221
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
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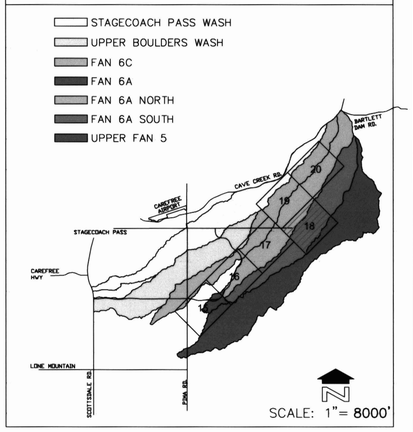
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
3			
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

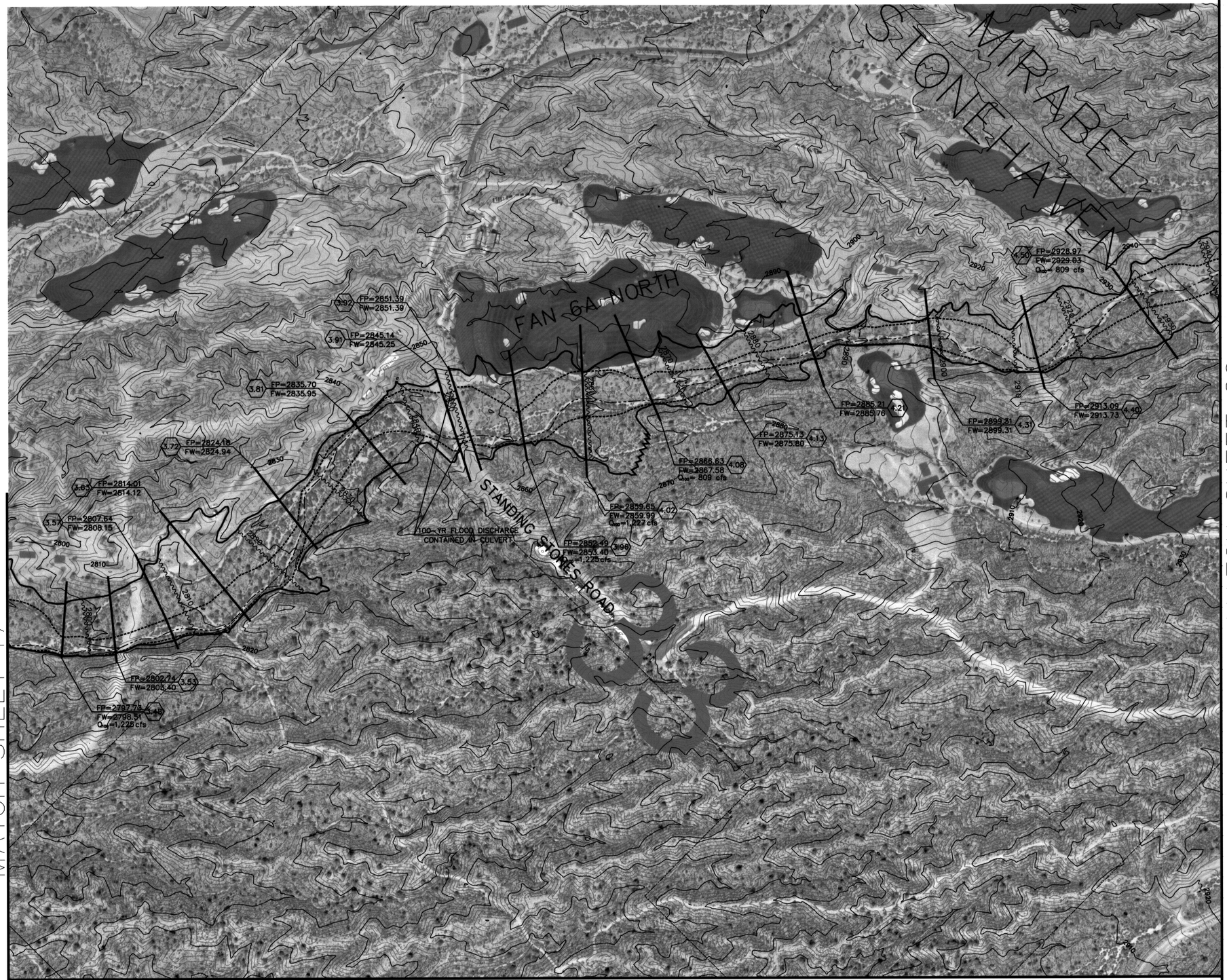
	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 6/17/05 ARIZONA U.S.A.

23 YEARS OF EXCELLENCE DEI Professional Services, L.L.C.

DEI Professional Services, L.L.C.
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-18.DWG	FAN 6A	18 OF 24



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3 1221
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
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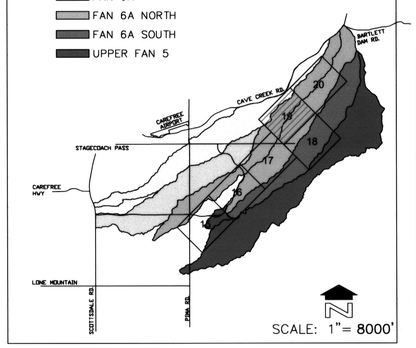
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

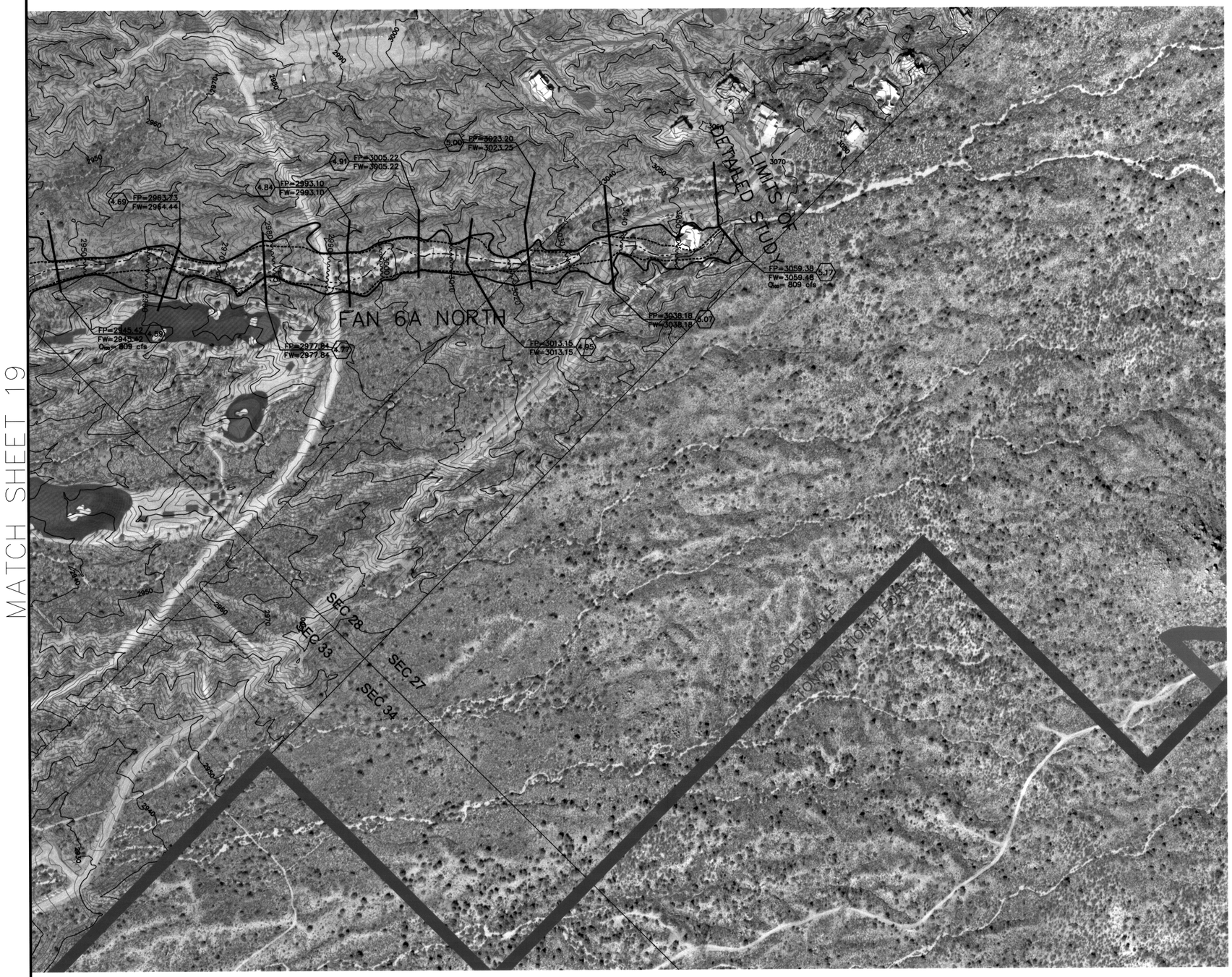
NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3/28/05 ARIZONA U.S.A.

23 YEARS OF EXCELLENCE IN Professional Services, LLC
DEI Professional Services, LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO. 01131-19.DWG | PLAN SHEET FAN 6A | SHEET 19 OF 24



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. 2003 C008

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3 ◎ 1221
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE SUBDIVISION BOUNDARY	Section Boundary
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
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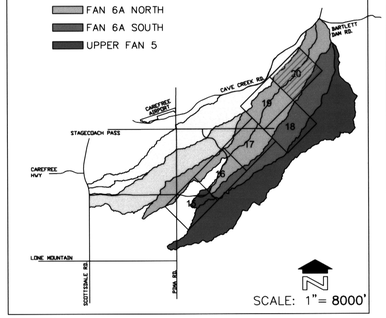
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

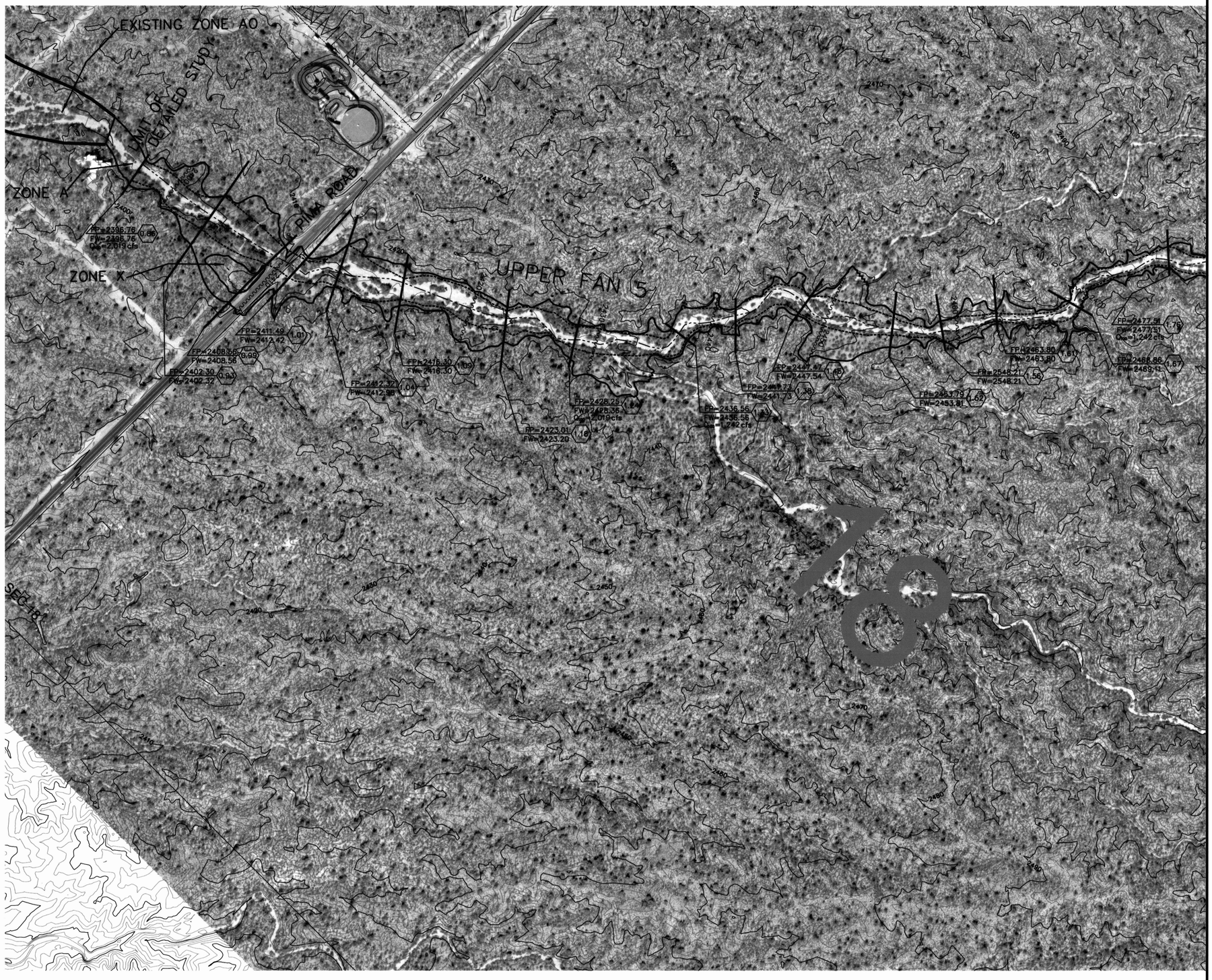
NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3/28/05

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO. 01131-20.DWG
PLAN SHEET FAN 6A
SHEET 20 OF 24



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF NORTH SCOTTSDALE TRIBUTARIES STAGECOACH PASS, UPPER BOULDERS FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. 2003 C008

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3 1221
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
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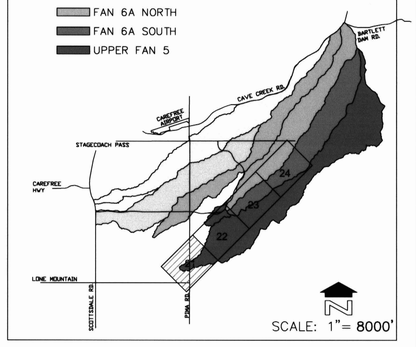
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3/28/05 ARIZONA U.S.A.

6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-21.DWG	UPPER FAN 5	21 OF 24

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF
NORTH SCOTTSDALE TRIBUTARIES
STAGECOACH PASS, UPPER BOULDERS
FAN 6C, FAN 6A AND UPPER FAN 5
F.C.D. CONTRACT NO. **2003 C008**

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
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ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Civil Date Signed ARIZONA, U.S.A.

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

1982-2005 23 YEARS OF EXCELLENCE DEI Professional Services, L.L.C.
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.		SHEET
01131-22.DWG	PLAN SHEET UPPER FAN 5	22 OF 24

TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF
NORTH SCOTTSDALE TRIBUTARIES
STAGECOACH PASS, UPPER BOULDERS
FAN 6C, FAN 6A AND UPPER FAN 5
F.C.D. CONTRACT NO. **2003 C008**

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

ELEVATION REFERENCE MARKS

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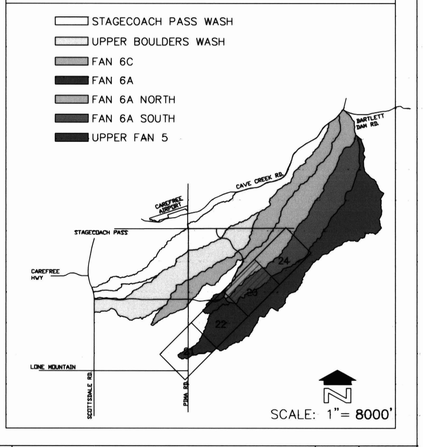
NOTES

WATERSHED KEY MAP AND SHEET MAP



SCALE: 1"= 8000'

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3/28/05 ARIZONA, U.S.A.

23 YEARS OF EXCELLENCE DEI Professional Services, LLC

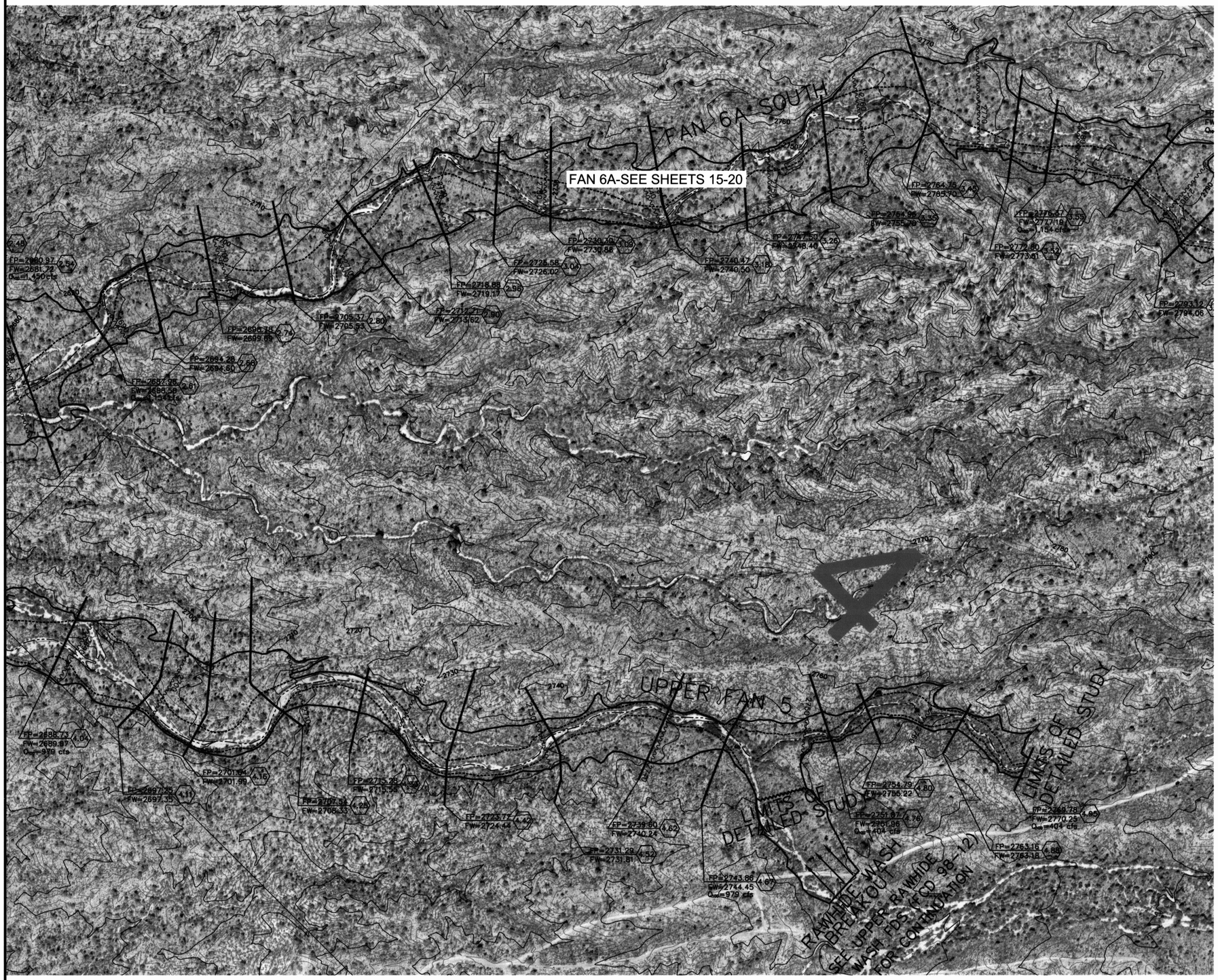
DEI Professional Services LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-23.DWG	UPPER FAN 5	23 OF 24

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF
NORTH SCOTTSDALE TRIBUTARIES
STAGECOACH PASS, UPPER BOULDERS
FAN 6C, FAN 6A AND UPPER FAN 5

F.C.D. CONTRACT NO. **2003 C008**



TOPOGRAPHICAL MAPPING PROVIDED BY FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
IGA #93-07
MAPPING DATE-JAN 1997; ORTHO PHOTOGRAPH-2002

200' 0' 200' 400'
SCALE: 1"= 200'
CONTOUR INTERVAL = 2 FEET

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE	
CROSS SECTION	FP=100 Yr WSE / FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM3 1221
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE
CORPORATE LIMITS	
COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY	County Boundary
SECTION LINE	Section Boundary
SUBDIVISION BOUNDARY	
SECTION IDENTIFICATION	3

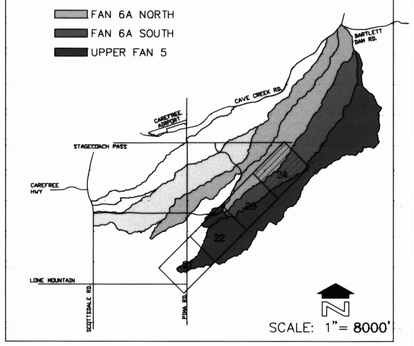
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988
CONVERSION FACTOR FOR 1988 NAVD TO 1929 NGVD =-2.07'

I.D. NUMBER	COS GIS	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM1	1012	2561.11	NE CORNER SEC 1, T5N, R4E MC BC HH, DOWN 0.54FT N:1023641.223 E:707738.132 SEE SHEET 4.
ERM2	1013	2542.49	E CORNER SEC 1, T5N, R4E BC HH,COS East edge of pavement. N:1021001.371 E:707738.010 SEE SHEET 4 and 10.
ERM3	6063	2627.07	E CORNER, SEC 6, T5N, R5E GLO BC, 200FT N. of Fairways S. entrance, 150FT W. of Legend Trail, up 1.4FT-N:1021002.397 E:713010.742 SEE SHEET 11 and 14.

NOTES

WATERSHED KEY MAP AND SHEET MAP



NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NORTH SCOTTSDALE FLOODPLAIN DELINEATION STUDY
FCD 2003 C008

Registered Professional Engineer CERTIFICATE NO. 16379 HAL E. MARRON Date Signed 3-31-05 ARIZONA U.S.A.

	BY	DATE
DESIGNED	EC	09/24/03
DRAWN	EC/BR	03/28/05
CHECKED	HEM	03/28/05

23 Professional Services, LLC
DEI Professional Services, LLC
6225 N. 24th St., Suite 200
Phoenix, AZ 85016-2037
Phone: (602)954-0038
Fax: (602)944-8605

DRAWING NO.	PLAN SHEET	SHEET
01131-24.DWG	UPPER FAN 5	24 OF 24