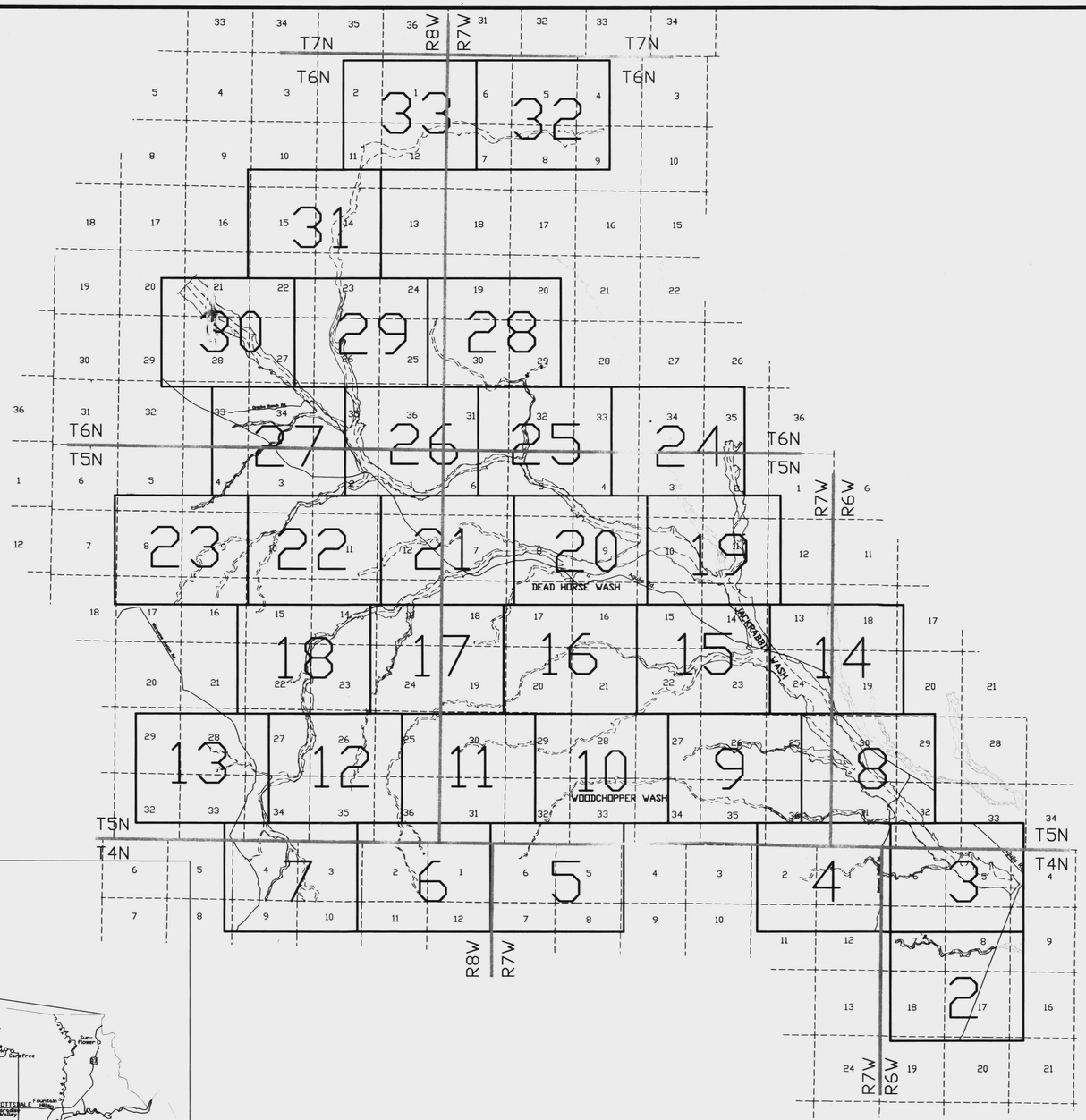
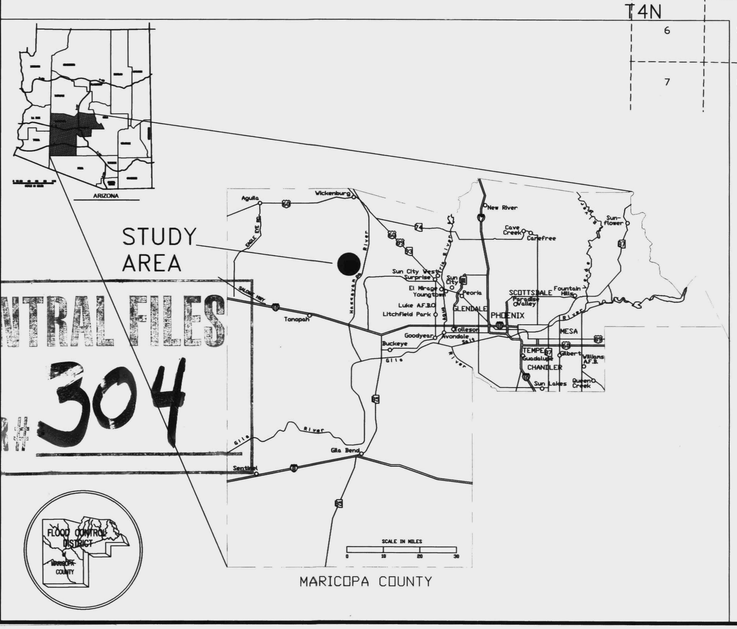




CENTRAL FILES
DRWR 304

LEGEND

SECTION BOUNDARY

STUDY REACH AND REACH ID — T5 R5 S36

ROAD — Carefree Hwy.

SHEET OUTLINE AND NUMBER — 5

NOTES

1. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
2. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

STATEMENT OF PROFESSIONAL REGISTRATION

THE APPROXIMATE ZONE A FLOODPLAIN AND FLOODWAY DELINEATION WERE PREPARED UNDER MY DIRECT SUPERVISION USING HYDROLOGY FROM FCD 90-05 AND NEW HYDROLOGY UNDER THIS CONTRACT.

SCALE
3750' 0' 3750' 7500'

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION
STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

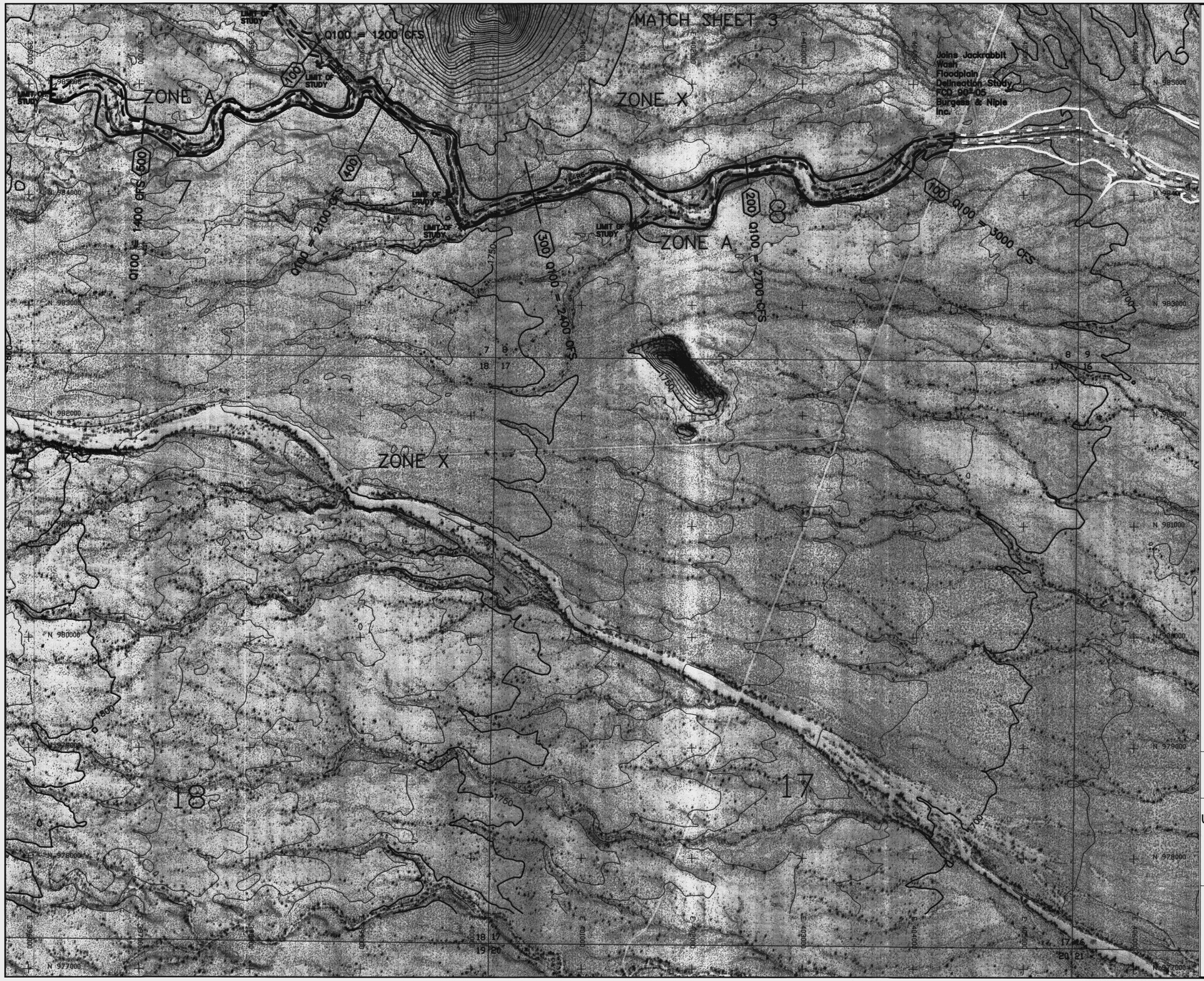
3/9/05

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 3/9/05 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES
ARGUS CONSULTING, A CIVIL ENGINEERING COMPANY, L.L.C.

WP# 001218 SHEET 1 OF 33

Upper Jackrabbit Wash & Trib Approximate Zone A
FDS Study of Jackrabbit Wash, Watershed "00"
JE Fuller Hydro & Geo/Wood/Patel
FCD 2000C019 Drawer 304



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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

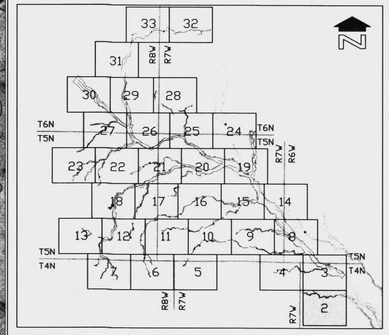
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3599	4IM2 (Not Shown, Outside Boundary of Sheet)	992315.696	395092.070	1820.600

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) — Certificate No. 32854 — Shimin Zou — Date Signed — Arizona, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES — Civil Engineers — Water Resources — Land Surveyors — (602) 335-8500

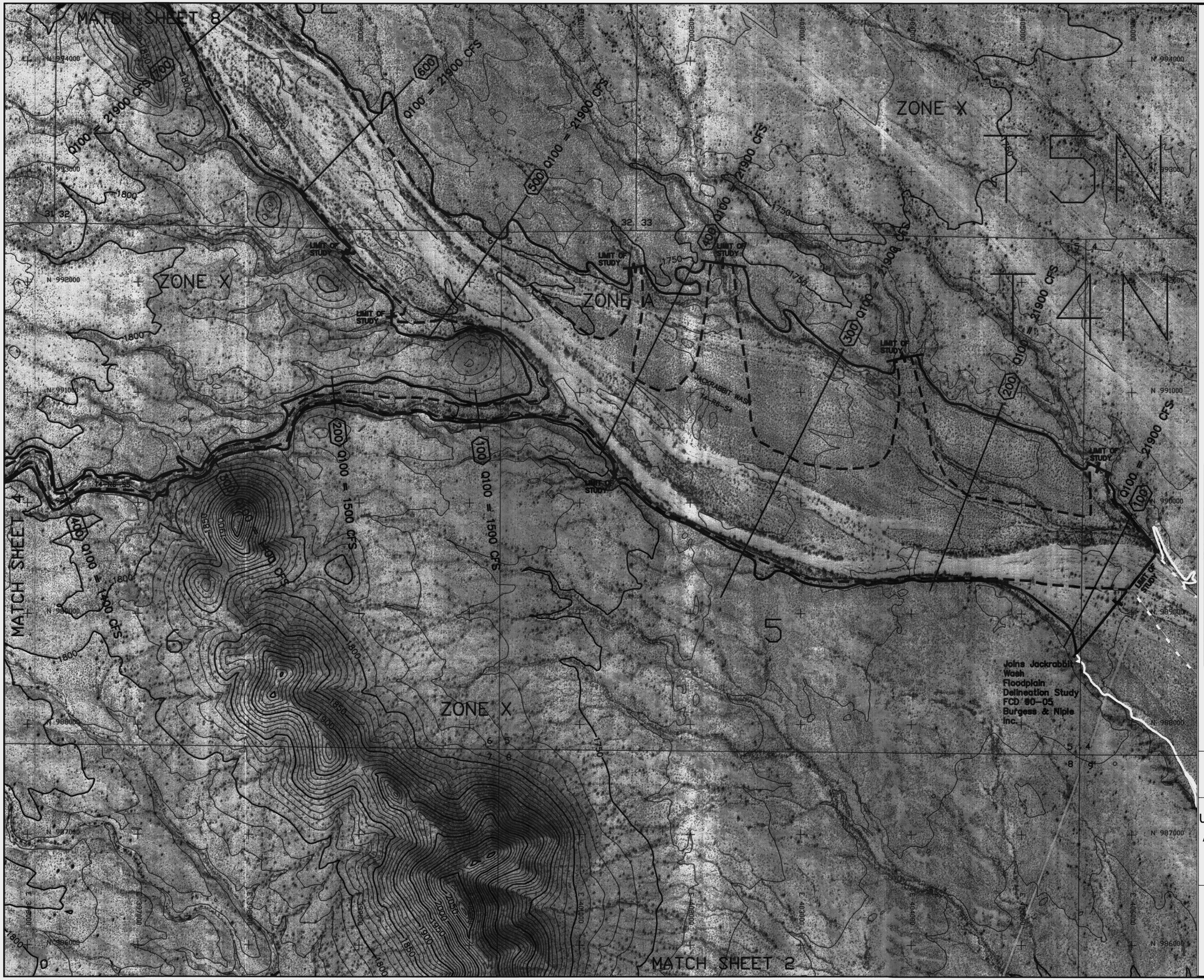
ARGUS CONSULTING — A CIVIL ENGINEERING COMPANY, L.L.C. — Scottsdale, Arizona 480-788-7131

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
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- CROSS SECTION (200)
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- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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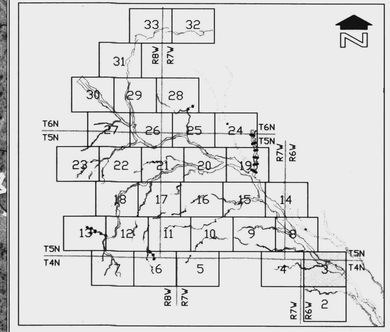
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3599	4IM2	992315.696 (Not Shown, Outside Boundary of Sheet)	395092.070	1820.600

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) Certificate No. 32854 SHIMIN ZOU Date Signed 12/31/03 ARIZONA, U.S.A.

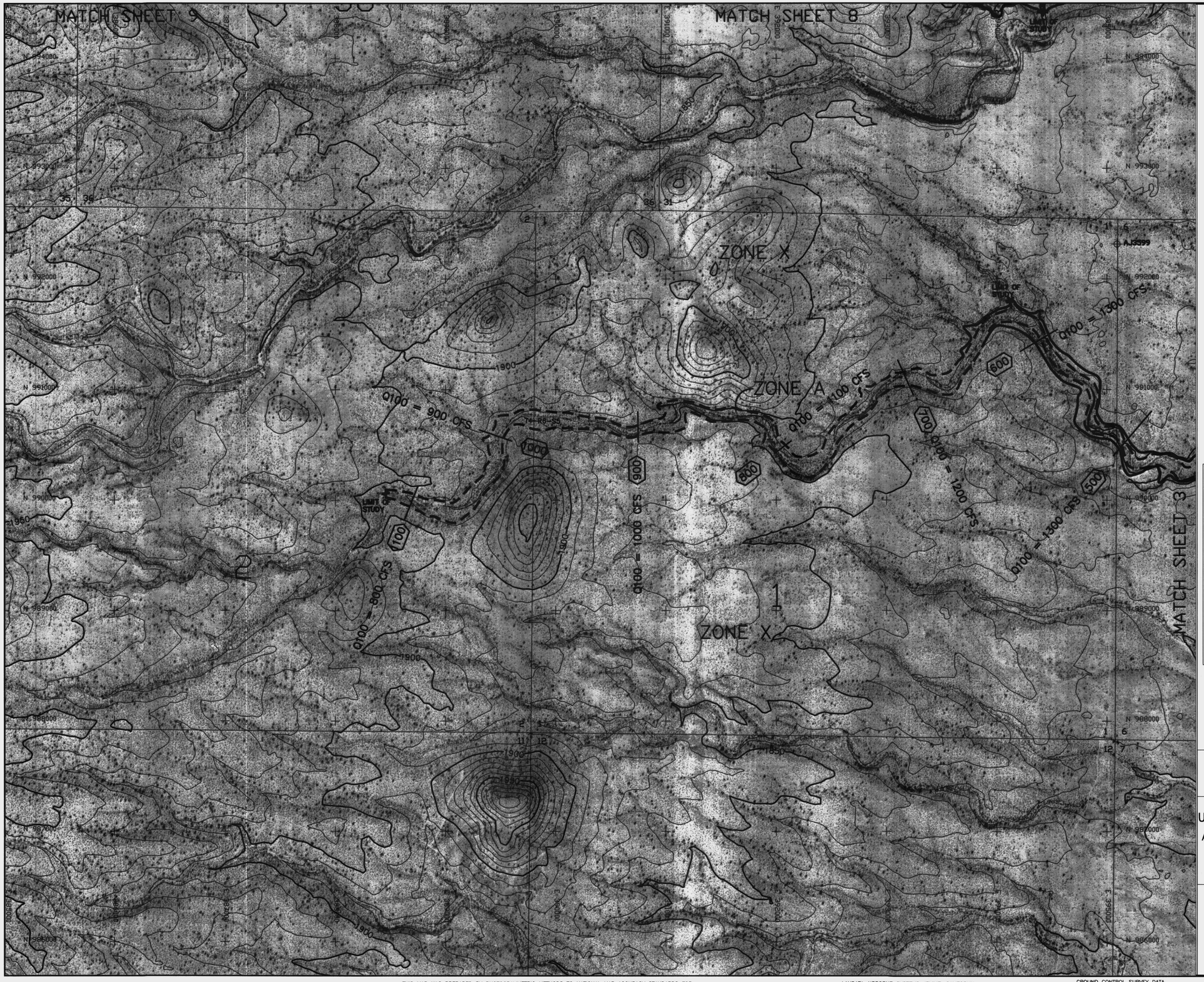
JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES
CIVIL Engineers
Water Resources
Road Engineers
(602) 335-8500
ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480.788.7777

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	200
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	AJ3594

NOTES

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

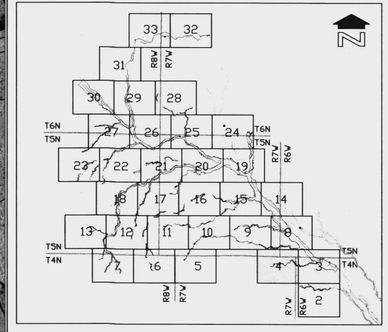
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3599	4IM2	992315.696	395092.070	1820.600

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION
STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 2/11/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA – 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors
(602) 335-8500

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-596-1777

WP# 001218

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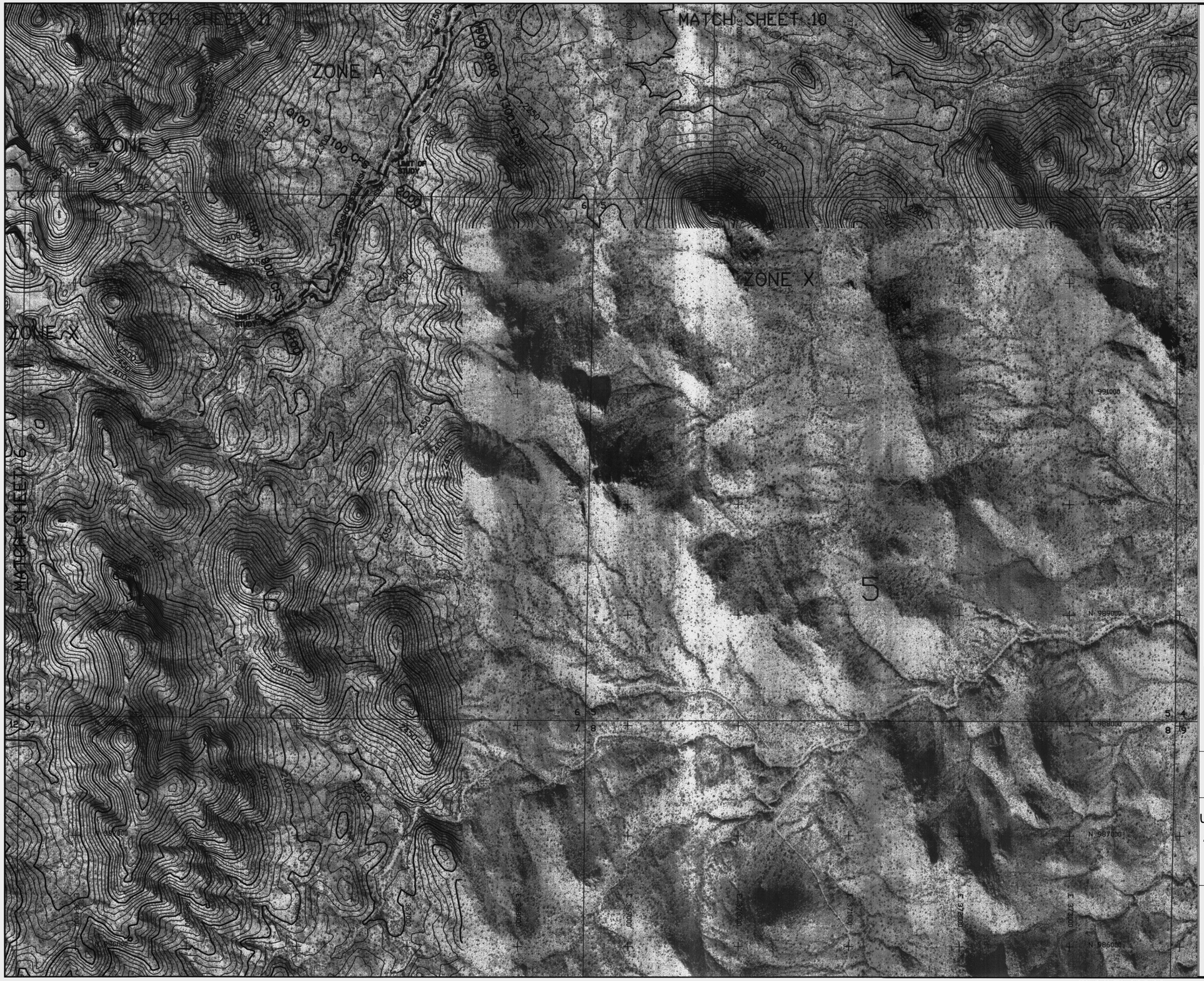
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	(200)
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	AJ3594

NOTES

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NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

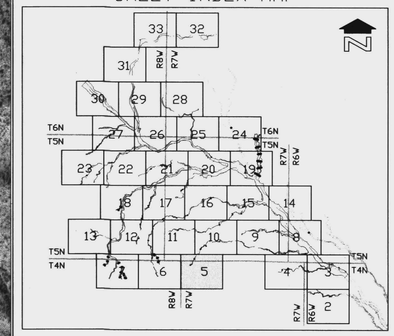
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3601	4IO4	996226.696	363836.457	2327.224

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION
STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil)
CERTIFICATE NO.
32854
SHIMIN ZOU
Date Signed
ARIZONA, U.S.A.

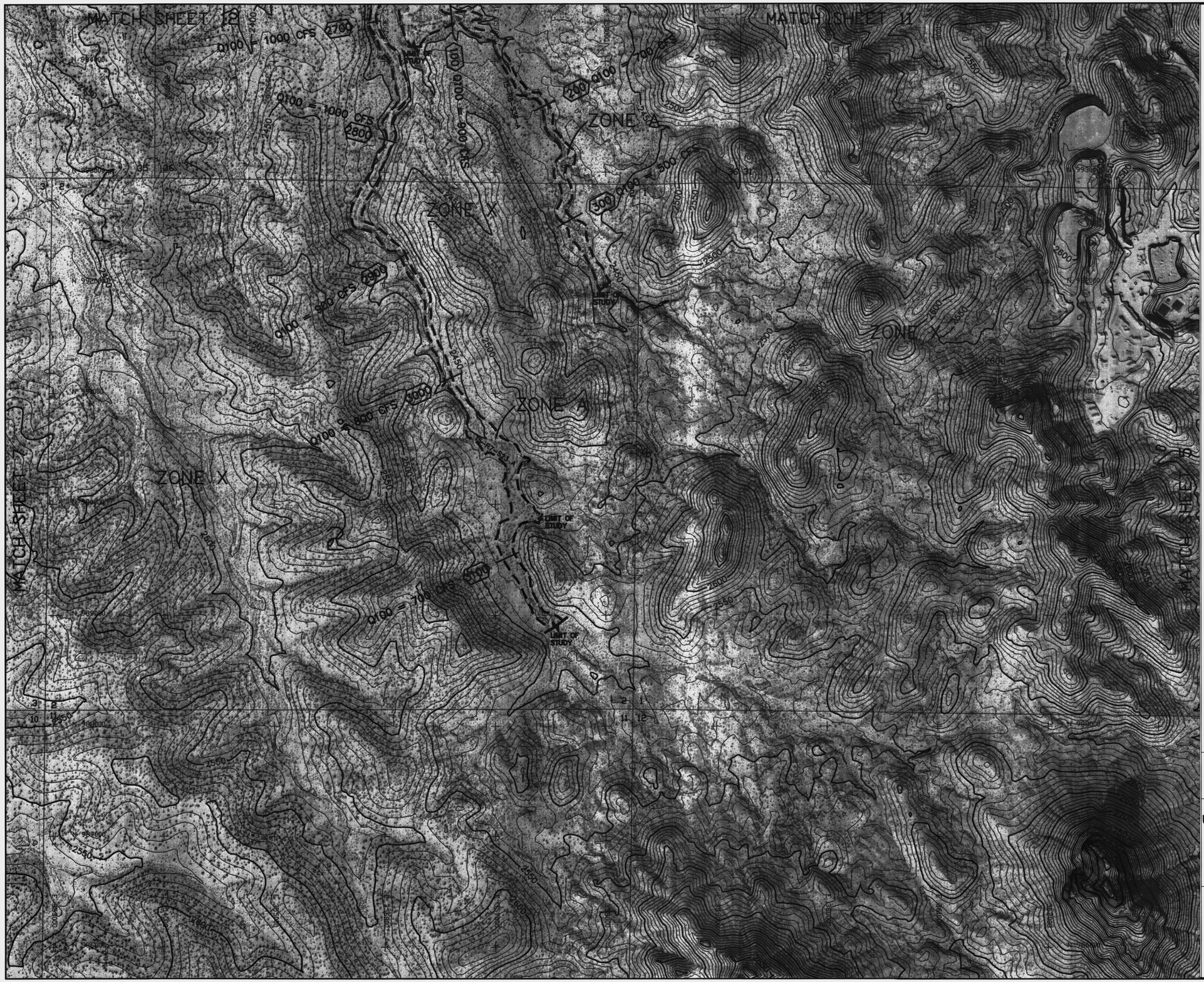
JE FULLER
HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA – 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES
Civil Engineers
Land Planners
(602) 336-8800
ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480.998-7777

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
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- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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

NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

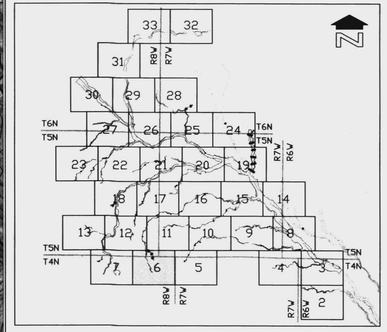
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3601	4IO4	998226.696	363836.457	2327.224

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 2/11/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES
ARGUS CONSULTING

WP# 001218

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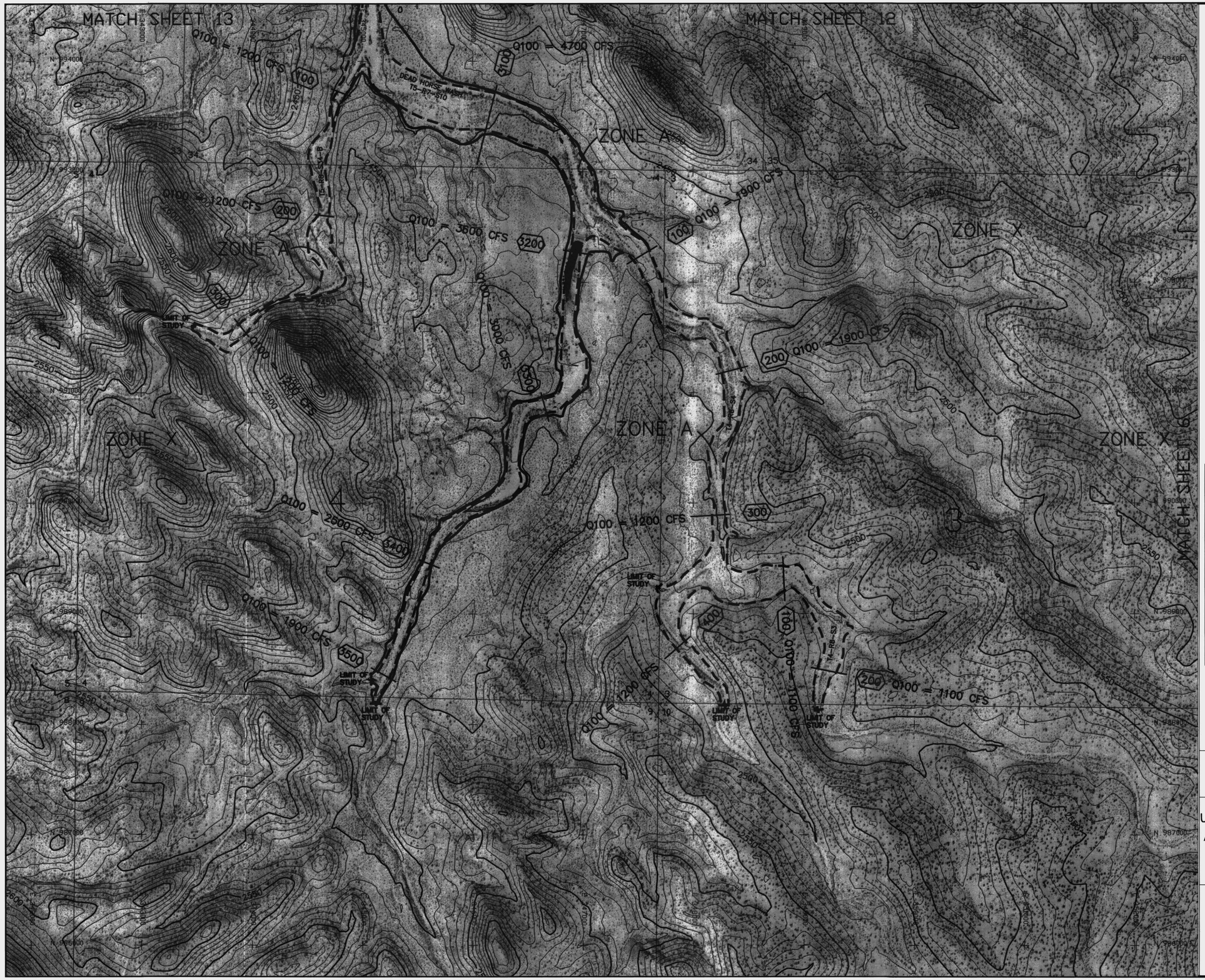
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
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CROSS SECTION	200
ZONE DESIGNATIONS	ZONE A
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ELEVATION REFERENCE MARK	AJ3594

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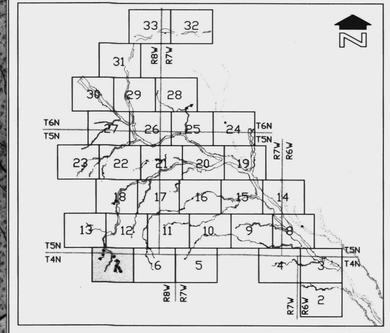
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3601	4IO4	998226.696	363836.457	2327.224

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 12-17-03 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES Civil Engineers Water Resources Land Surveyors (602) 335-8500

ARGUS CONSULTING A CIVIL ENGINEERING COMPANY, L.L.C. Scottsdale, Arizona 480-998-7777

WP# 001218

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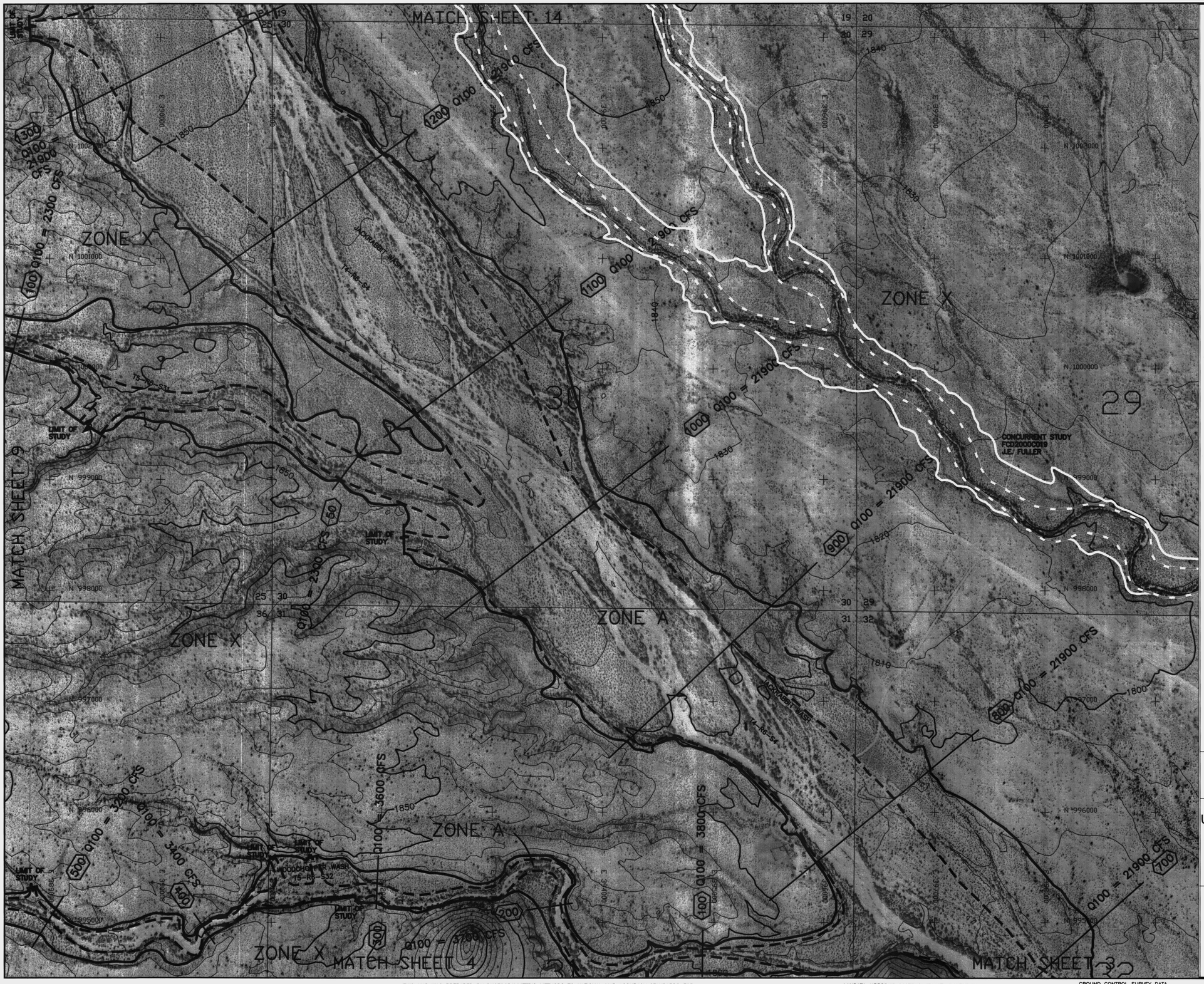
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
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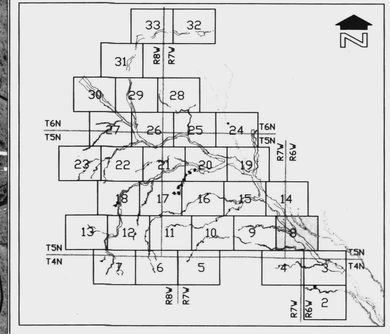
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3599	48M2	992315.696	395092.070	1820.800

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 12/31/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES
Civil Engineers
Water Resources
Land Surveyors
(602) 335-8500

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-706-7191

WP# 001218

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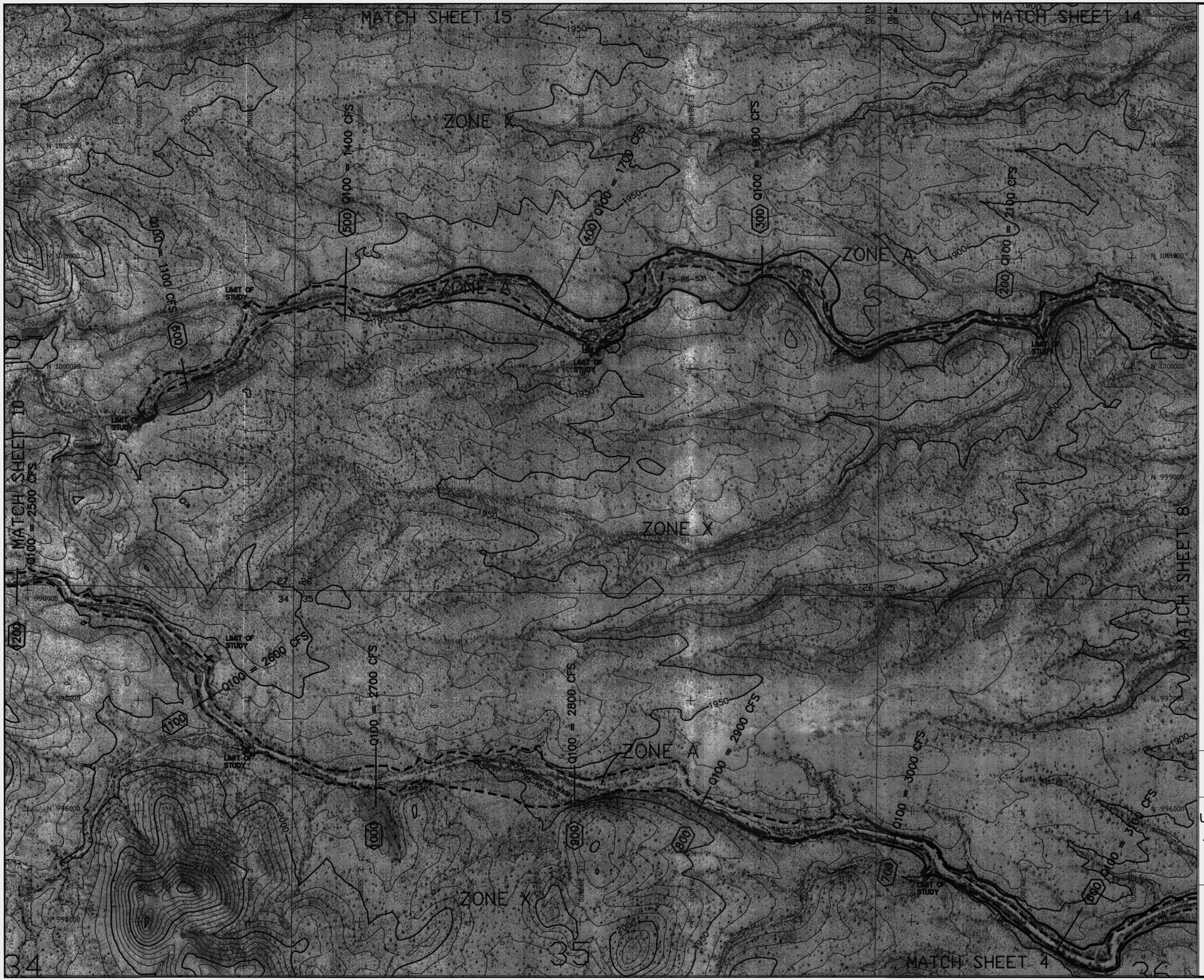
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA


MATCH SHEET 15
MATCH SHEET 14
MATCH SHEET 10
MATCH SHEET 8
MATCH SHEET 4
ZONE X
ZONE A
ZONE A
ZONE A
ZONE X
ZONE X
Q100 = 1100 CFS
Q100 = 1400 CFS
Q100 = 1700 CFS
Q100 = 1900 CFS
Q100 = 2100 CFS
Q100 = 2500 CFS
Q100 = 2700 CFS
Q100 = 2800 CFS
Q100 = 2900 CFS
Q100 = 3000 CFS
Q100 = 3100 CFS
LIMIT OF STUDY
LIMIT OF STUDY
LIMIT OF STUDY
LIMIT OF STUDY
LIMIT OF STUDY
T5N-R6E-S31
T5N-R6E-S36
N 1002000
N 1001000
N 1000000
N 999000
N 998000
N 997000
N 996000
N 995000
E 2300000
E 2301000
E 2302000
E 2303000
E 2304000
E 2305000
E 2306000
E 2307000
E 2308000
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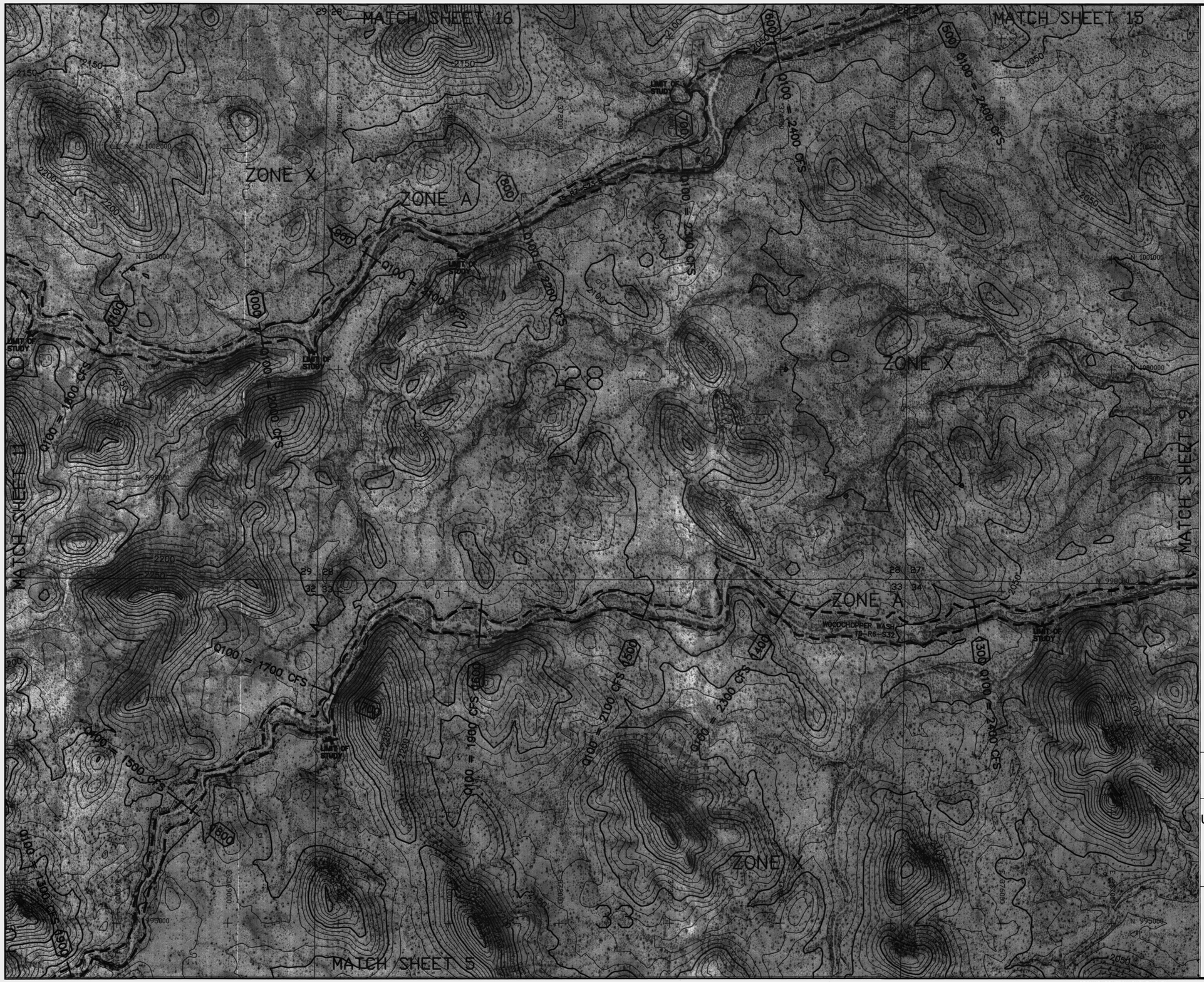


LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	(200)
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	AJ3594

NOTES

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

NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

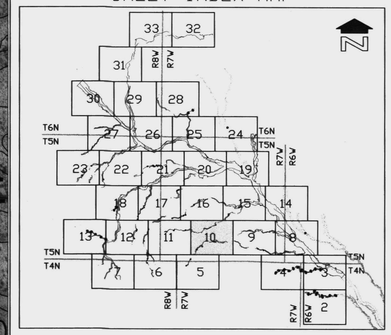
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3601	4104	998226.896	363836.457	2327.224

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 12-15-03 ARIZONA, U.S.A.

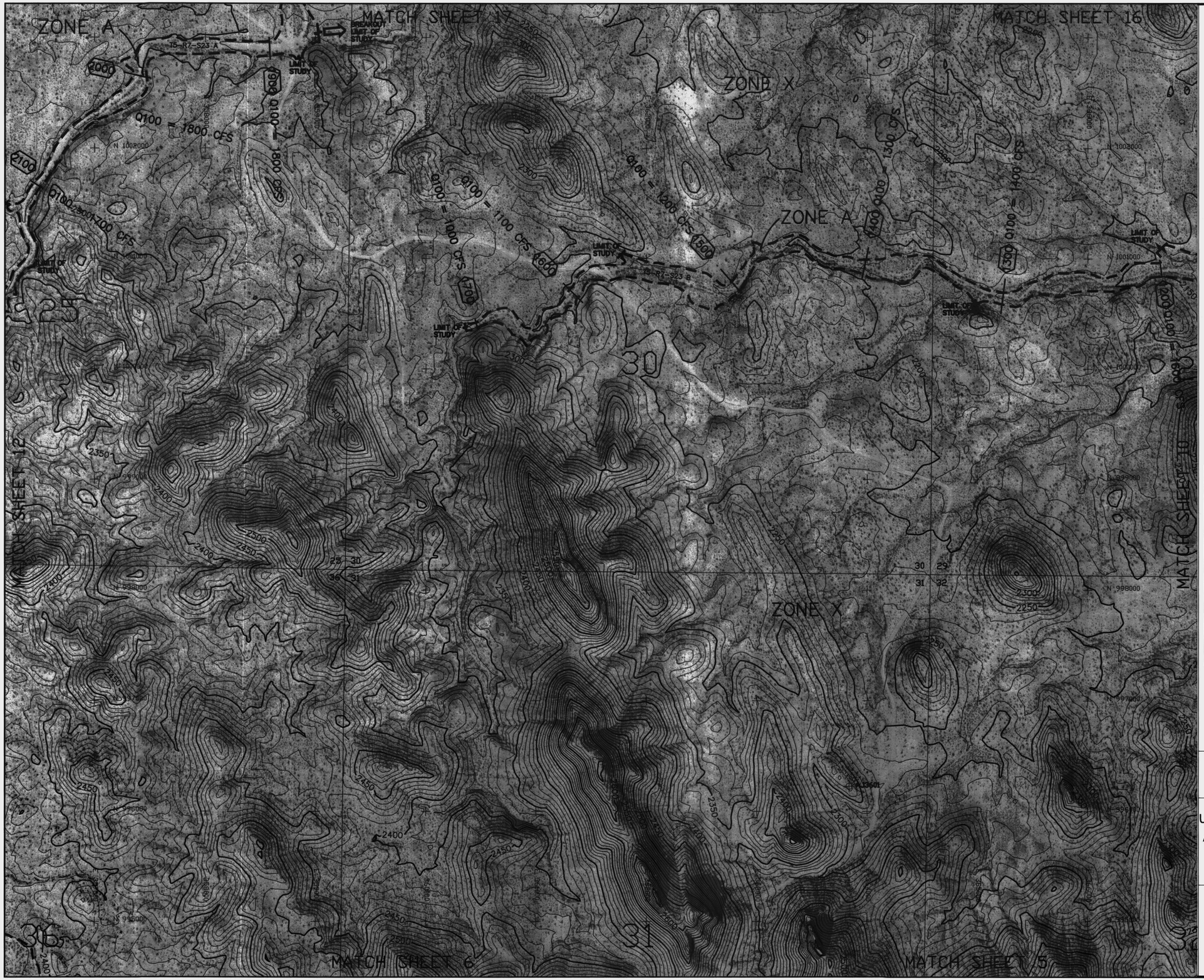
JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors
(602) 335-8500
ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-788-1211

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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

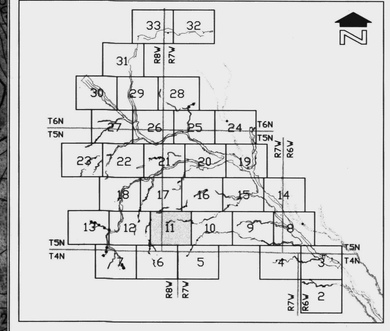
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3601	4IO4	998226.696	363836.457	2327.224

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 6/30/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES Civil Engineers Hydrologists Land Surveyors (602) 335-8500

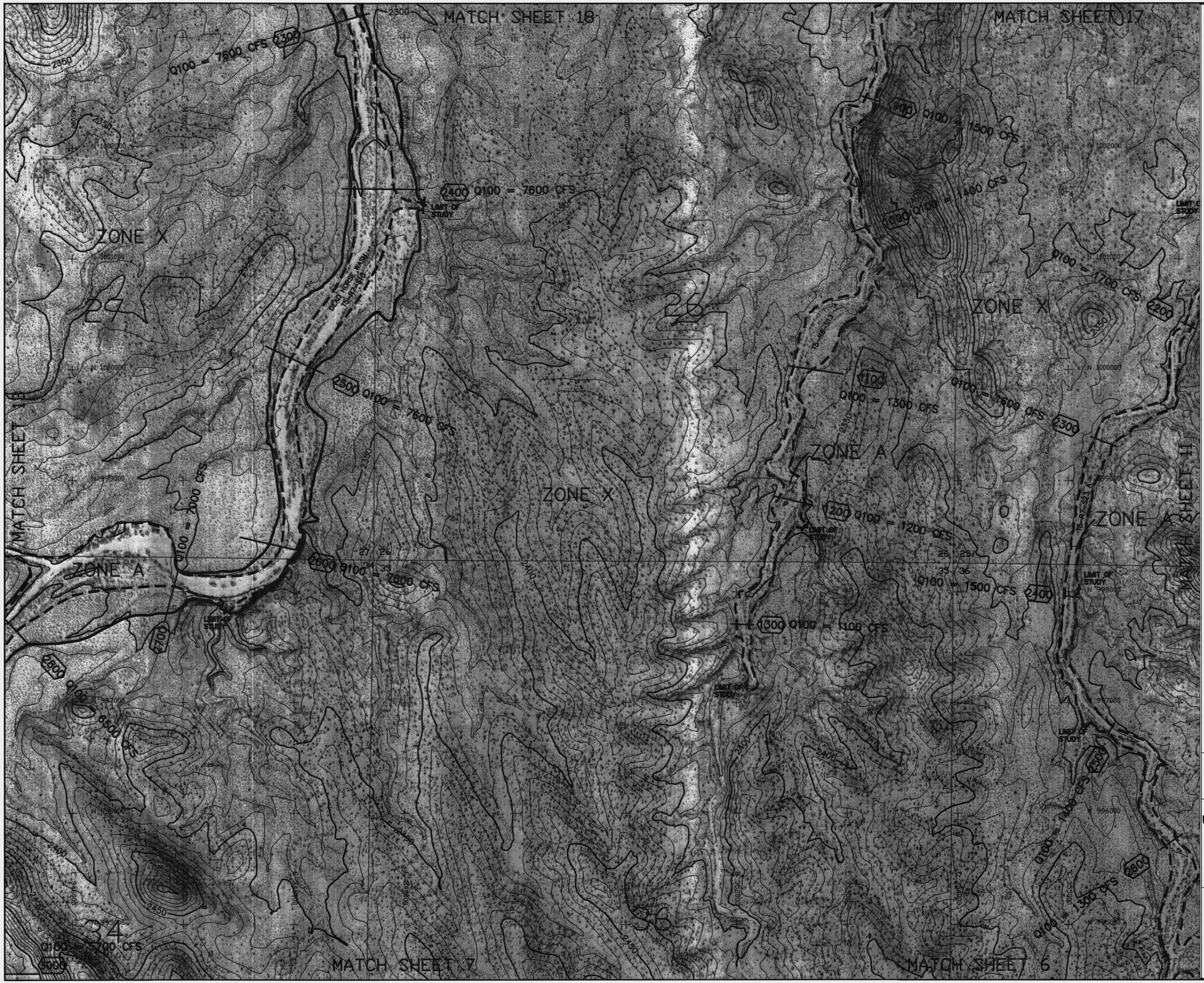
ARGUS CONSULTING A CIVIL ENGINEERING COMPANY, L.L.C. Scottsdale, Arizona 480-966-1777

WP# 001218 SHEET 11 OF 33

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

100-YR FLOODPLAIN BOUNDARY	———
100-YR ADMINISTRATIVE FLOODWAY	— — — — —
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	(200) ———
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	AJ3594

NOTES

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

NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

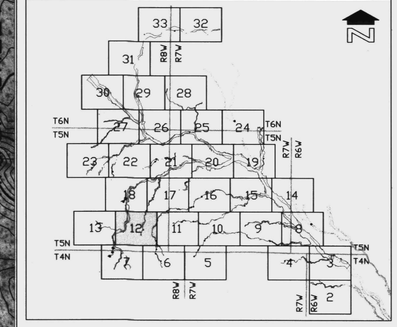
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3601	4IO4	996226.696	353836.457	2327.224

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 3/10/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. TEMPE, ARIZONA – 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES Civil Engineers Water Resources Land Surveyors (602) 335-8500

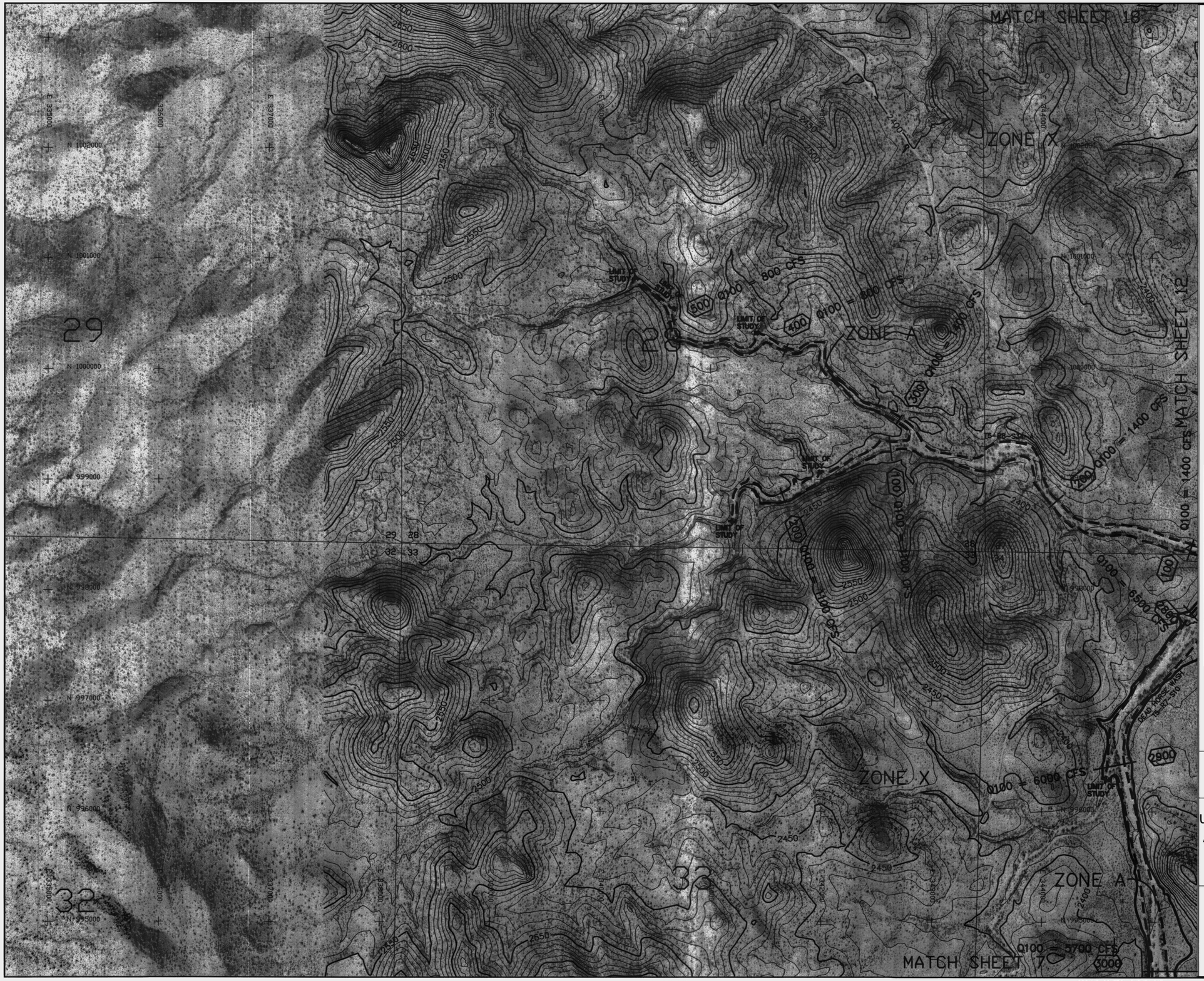
ARGUS CONSULTING A CIVIL ENGINEERING COMPANY, L.L.C. Scottsdale, Arizona 480-998-7291

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA


MATCH SHEET 18
MATCH SHEET 12
MATCH SHEET 7
ZONE X
ZONE A
ZONE A
ZONE X
LIMIT OF STUDY
Q100 = 300 CFS
Q100 = 800 CFS
Q100 = 1400 CFS
Q100 = 5100 CFS
Q100 = 6000 CFS
Q100 = 6500 CFS
Q100 = 5700 CFS
DEAD HORSE WASH
29
32
33
N 1002000
N 1001000
N 1000000
N 999000
N 998000
N 997000
N 996000
N 995000
E 339000
E 339600
E 340200
E 340800
E 341400
E 342000
E 342600
E 343200
E 343800
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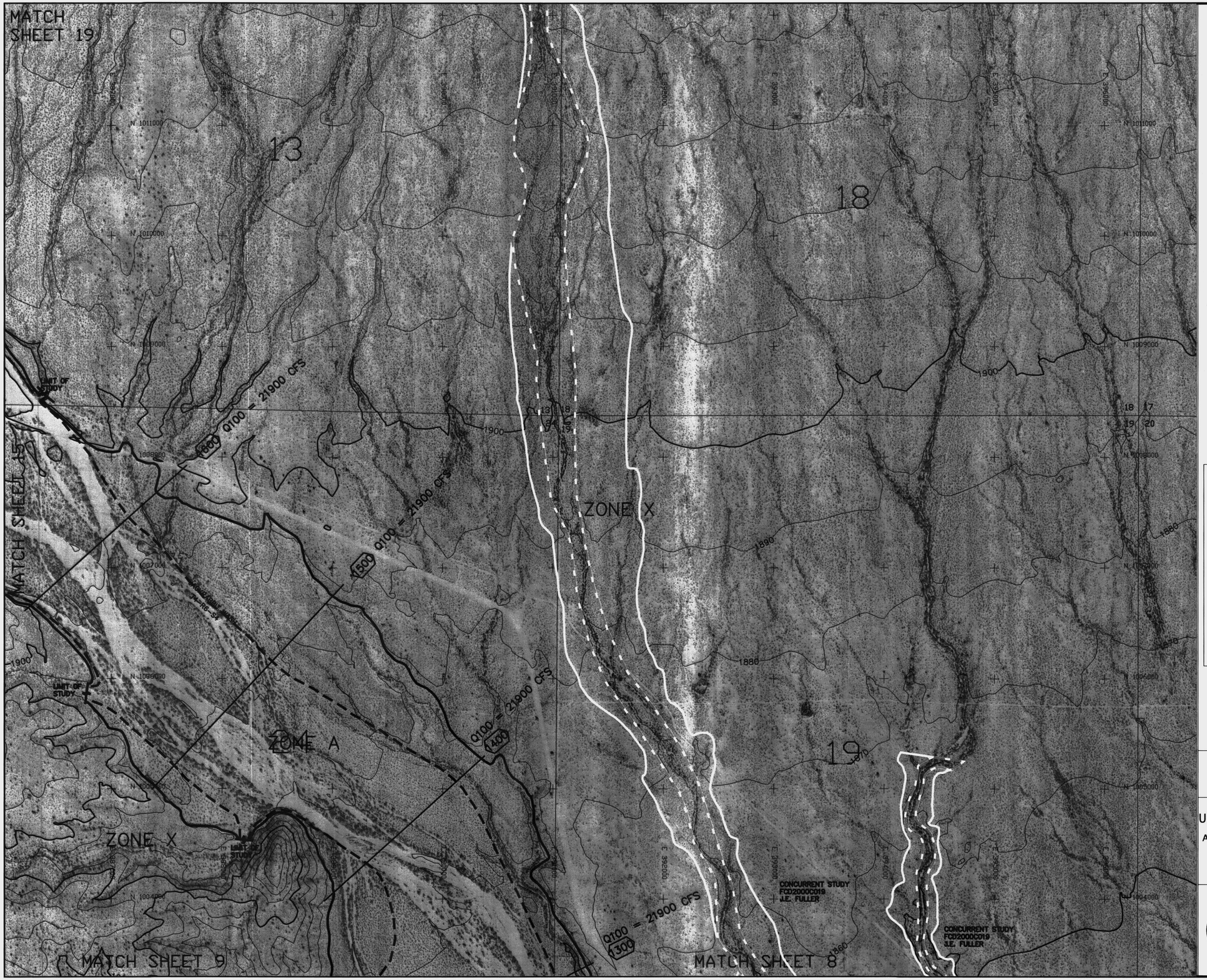


LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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

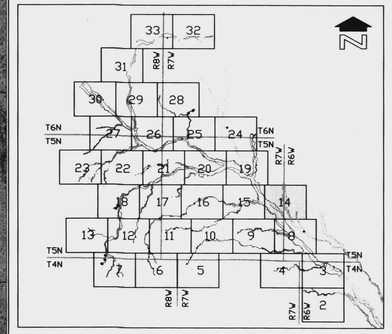
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3599	4IM2	992315.696 (Not Shown, Outside Boundary of Sheet)	395092.070	1820.800

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION
STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 7/11/04 ARIZONA, U.S.A.

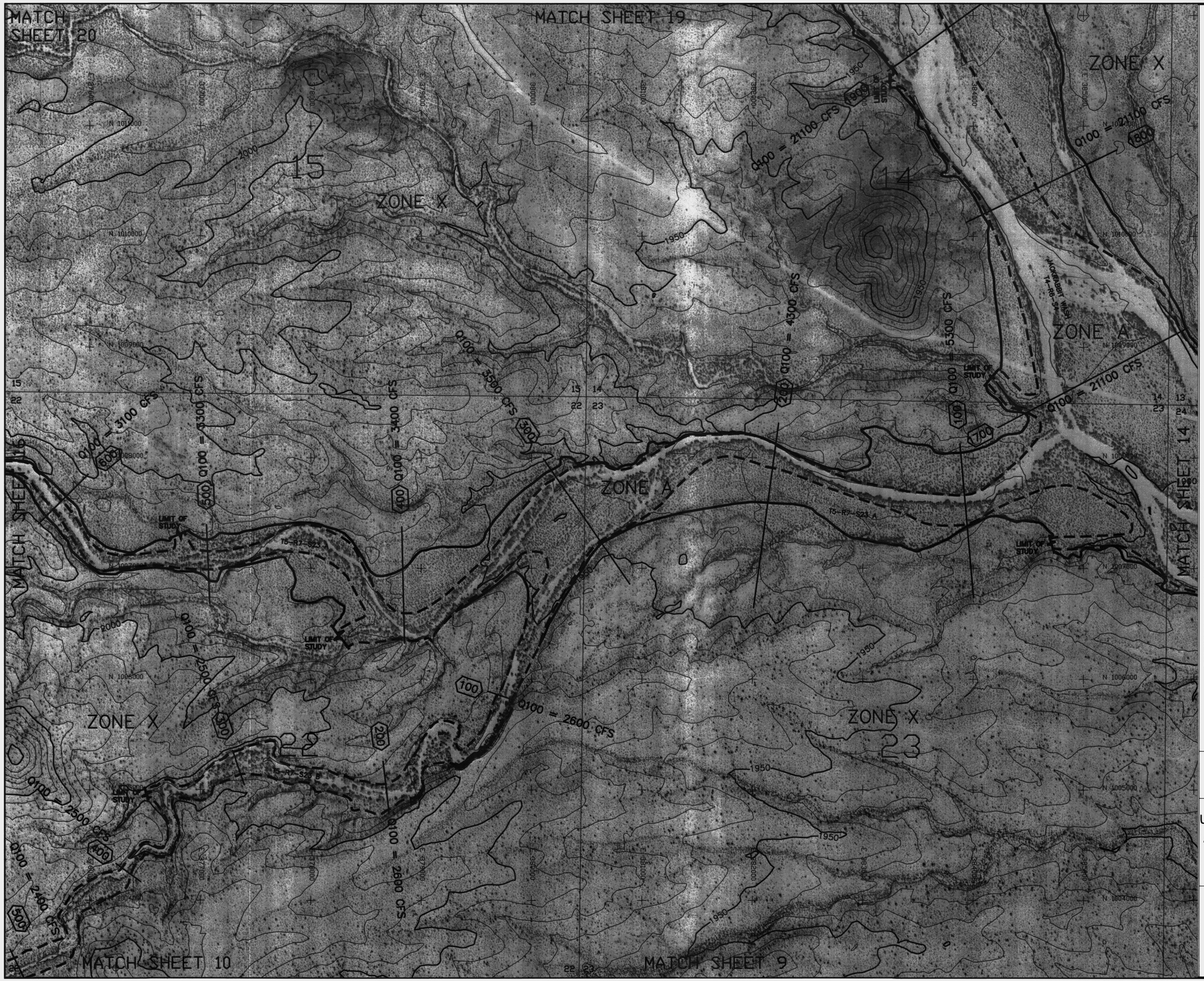
JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA – 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES
ARGUS CONSULTING

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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

NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

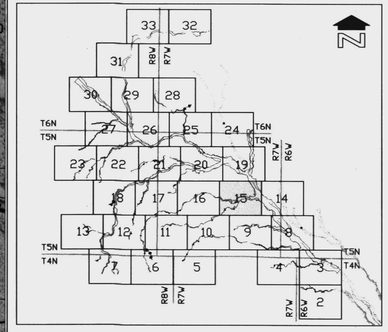
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3607	4JN4	1014118.845	374837.064	2041.808

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 7/1/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES Civil Engineers Hydrologists Land Surveyors (602) 335-8500

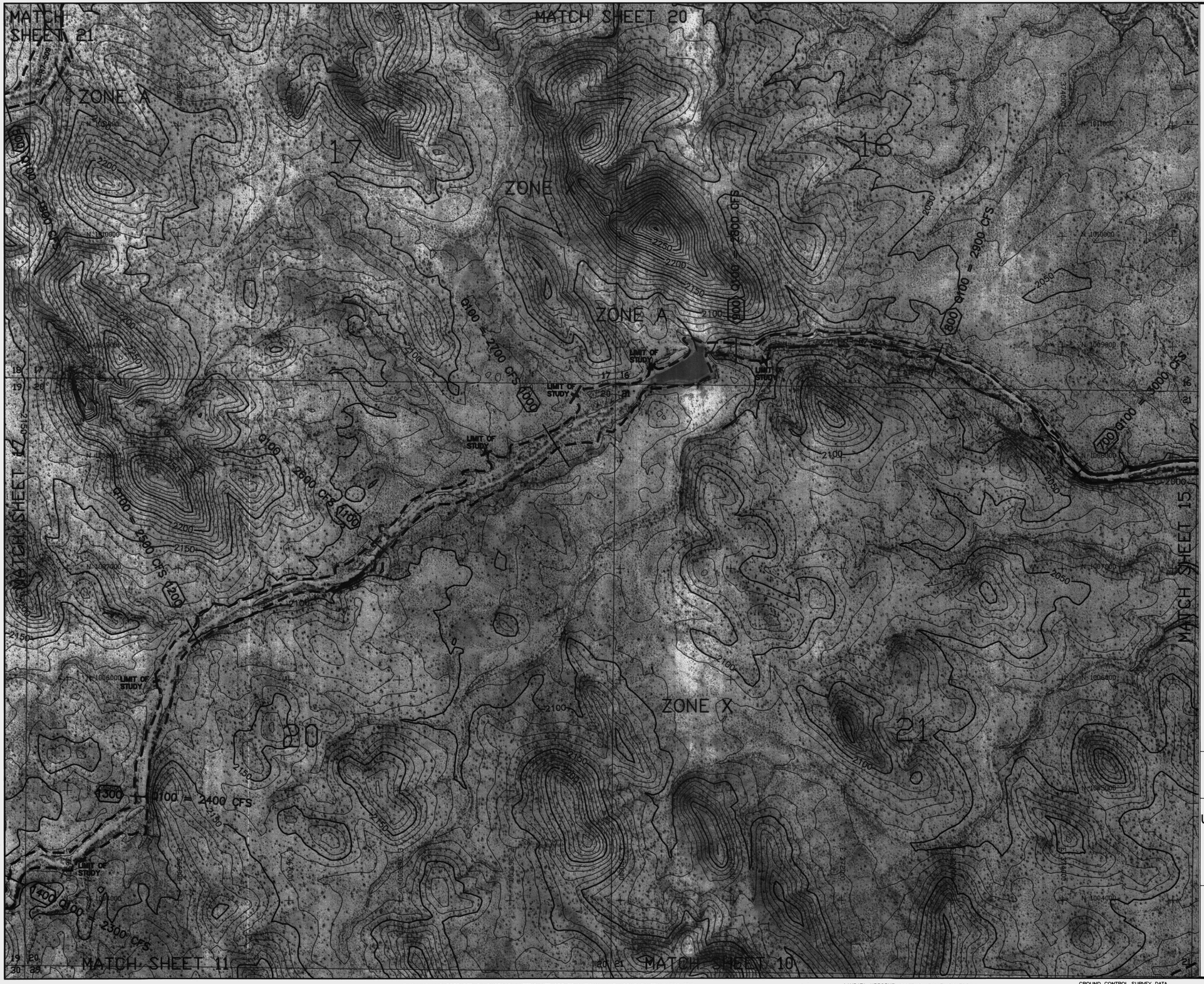
ARGUS CONSULTING A CIVIL ENGINEERING COMPANY, L.L.C. Scottsdale, Arizona 480.556.1101

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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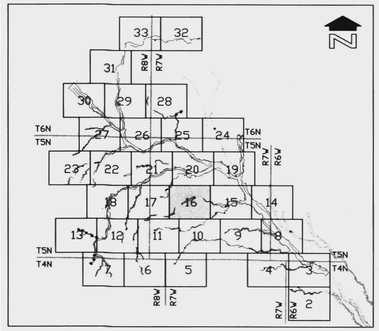
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3607	4JN4 (Not Shown, Outside Boundary of Sheet)	1014118.845	374837.064	2041.808

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 2/1/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES Civil Engineers Hydrologists Land Surveyors (602) 335-8500

ARGUS CONSULTING A CIVIL ENGINEERING COMPANY, L.L.C. Scottsdale, Arizona 480-596-1727

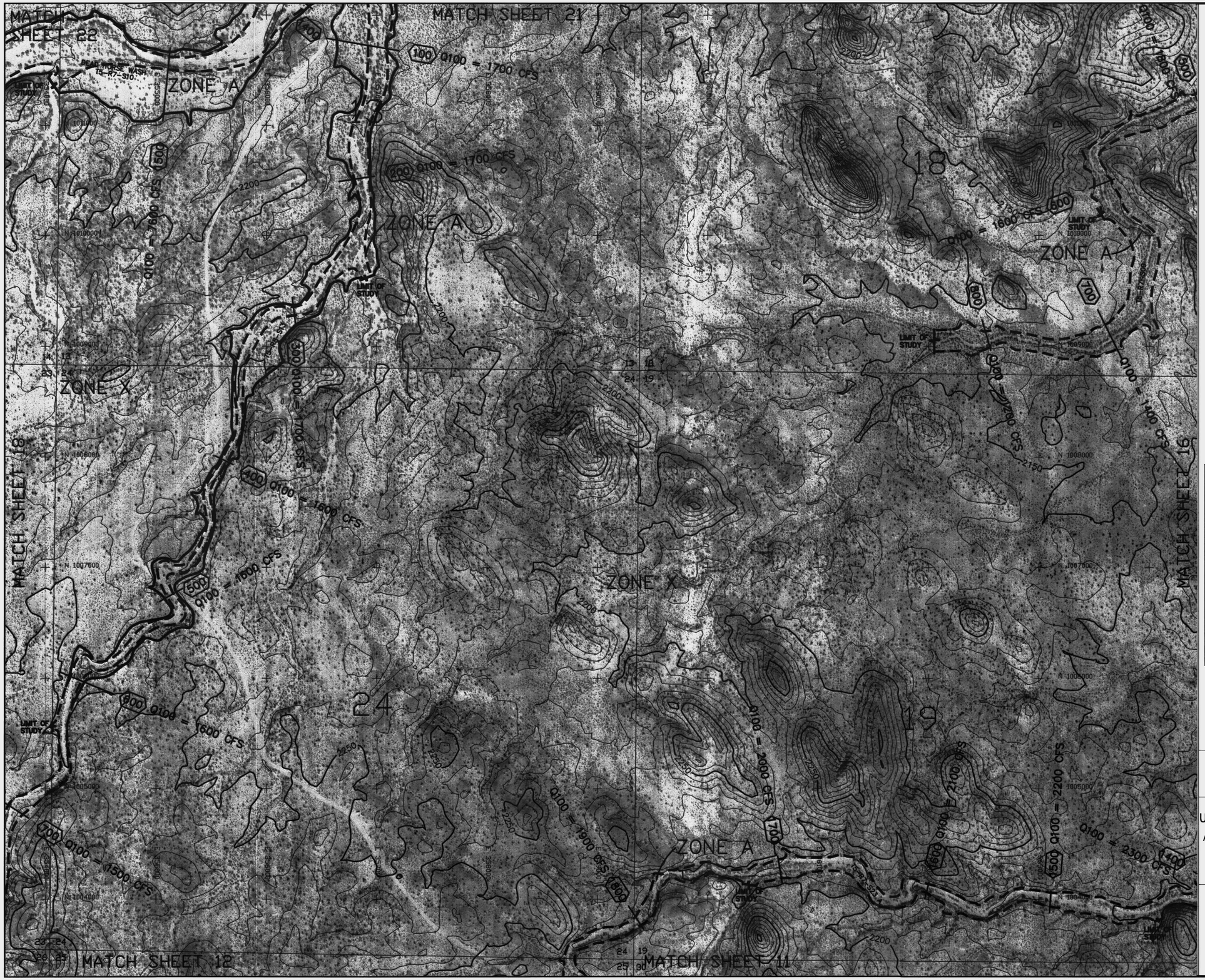
WP# 001218

SHEET 16 OF 33

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

100-YR FLOODPLAIN BOUNDARY	———
100-YR ADMINISTRATIVE FLOODWAY	— — — —
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	(200) ———
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	⊕ AJ3594

NOTES

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

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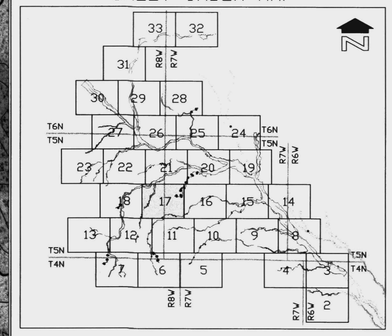
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3608	4JP3	1014540.663	347552.982	2346.093

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 7/1/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA – 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES
ARGUS CONSULTING

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA

LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	(200)
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	AJ3594

NOTES

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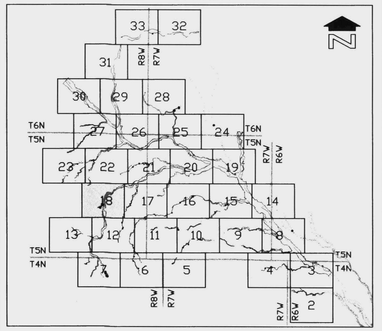
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3608	4JP3	1014540.663	347552.982	2346.093

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 2/11/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC
TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES
Civil Engineers
Water Resources
Land Surveyors
(602) 335-8600

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-556-1727

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA

MATCH SHEET 24

MATCH SHEET 14

MATCH SHEET 15

MATCH SHEET 23

ZONE X

ZONE A

ZONE X

ZONE X

Q100 = 17600 CFS

Q100 = 19200 CFS

Q100 = 18600 CFS

Q100 = 21100 CFS

Q100 = 4200 CFS

Q100 = 4600 CFS

Q100 = 4900 CFS

Q100 = 5100 CFS

Q100 = 21100 CFS

LIMIT OF STUDY

JOINS CONCURRENT STUDY FCD2000C019 J.E. FULLER

Jackrabbit Wash Tributary

Jackrabbit Wash

LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	200
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12|7 / 13|18
ELEVATION REFERENCE MARK	AJ3594

NOTES

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

NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

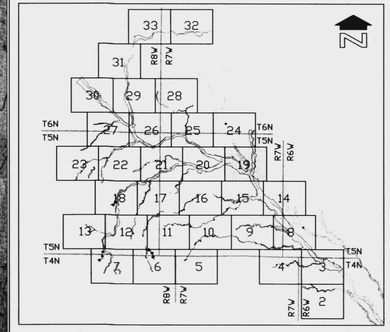
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3607	4JN4	1014118.845	374837.064	2041.808

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 12/31/03 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA – 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors
(602) 335-8500

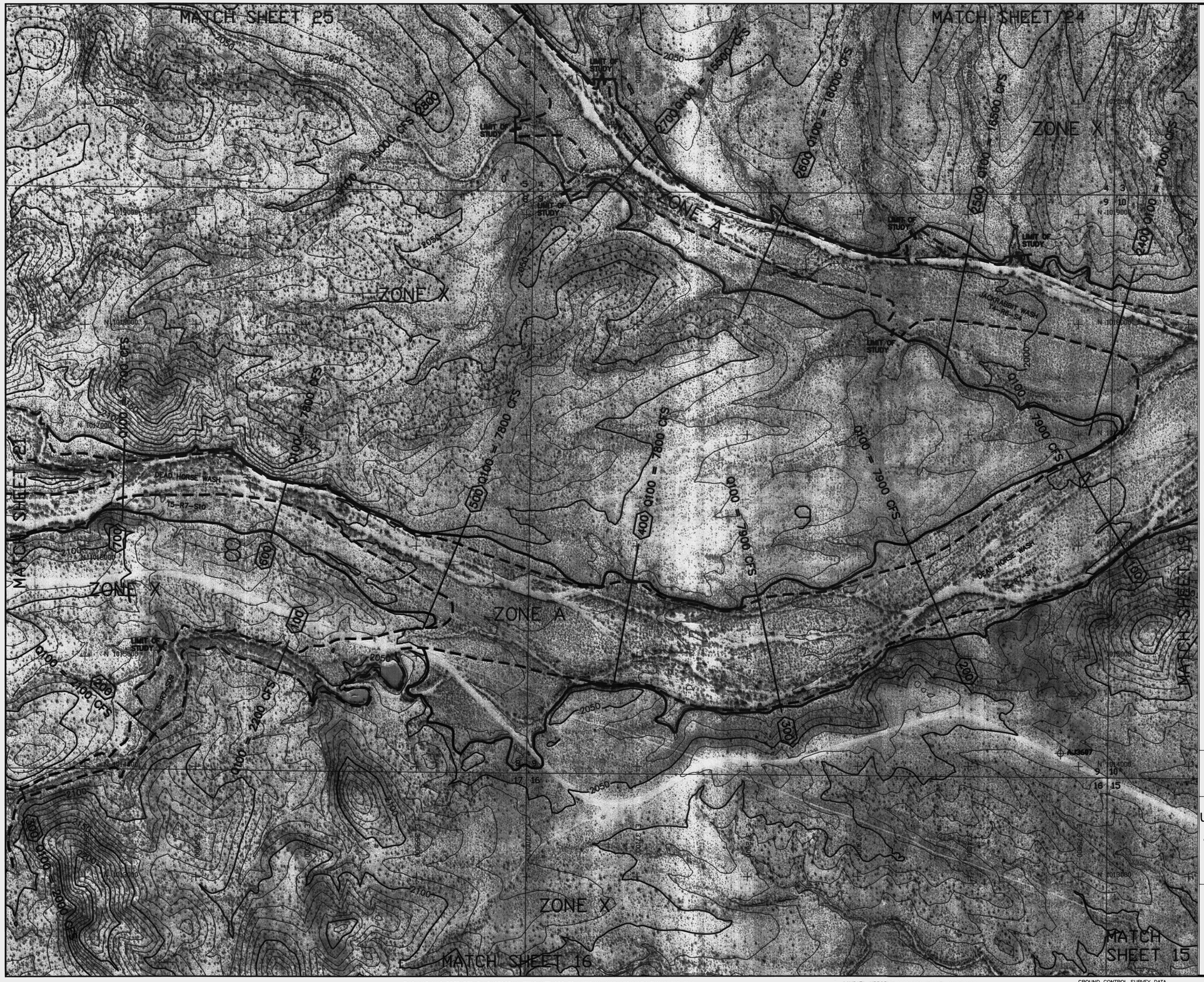
ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-998-7737

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER, 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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

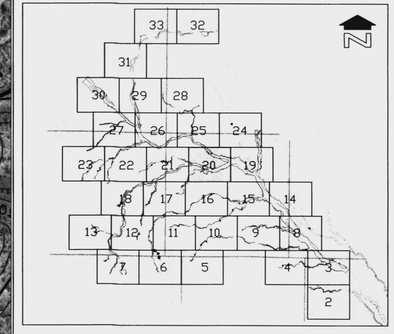
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3607	4JN4	1014118.845	374837.064	2041.808

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 10/31/03 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC
TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors
(602) 335-8500

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-998-7777

WP# 001218

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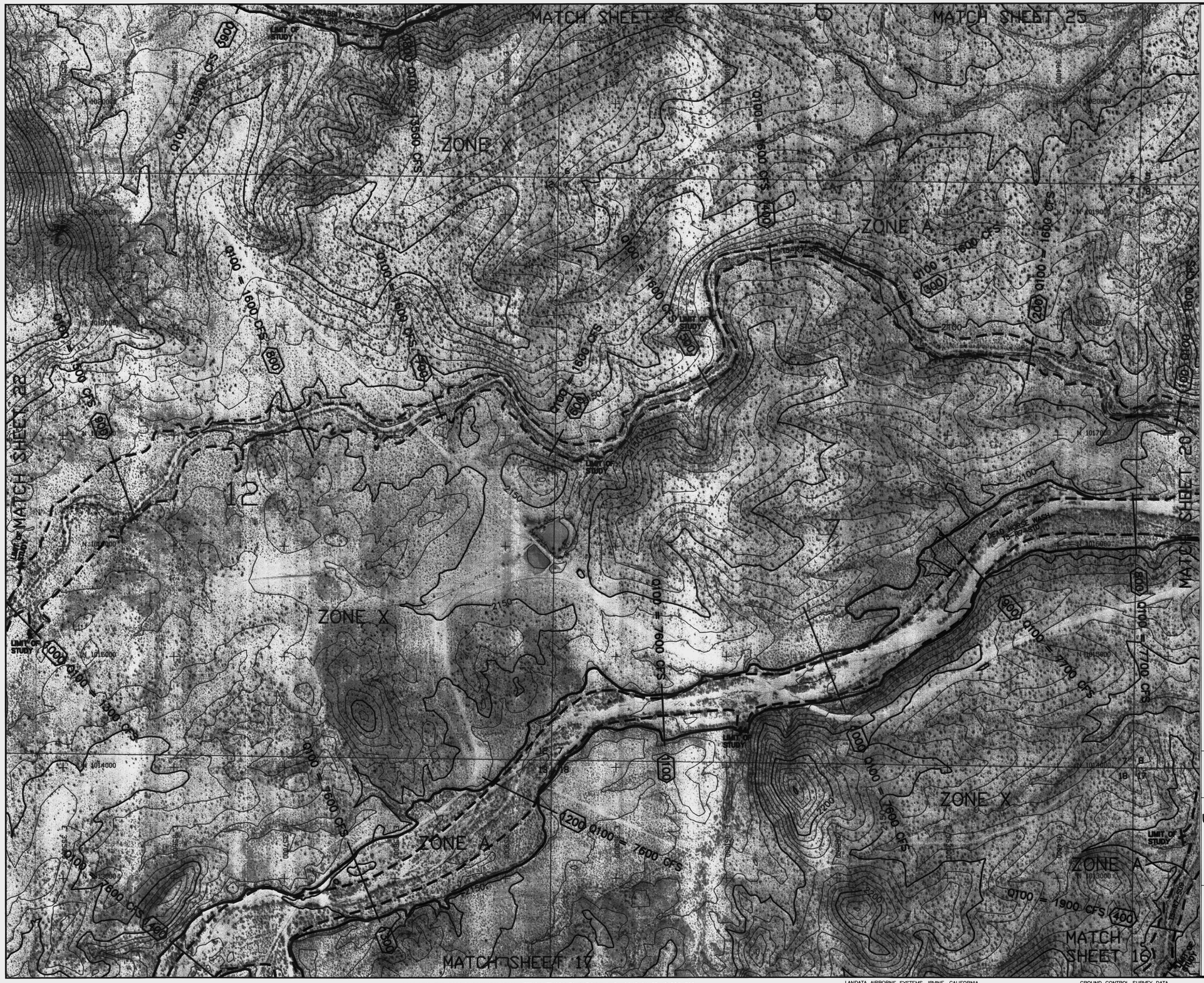
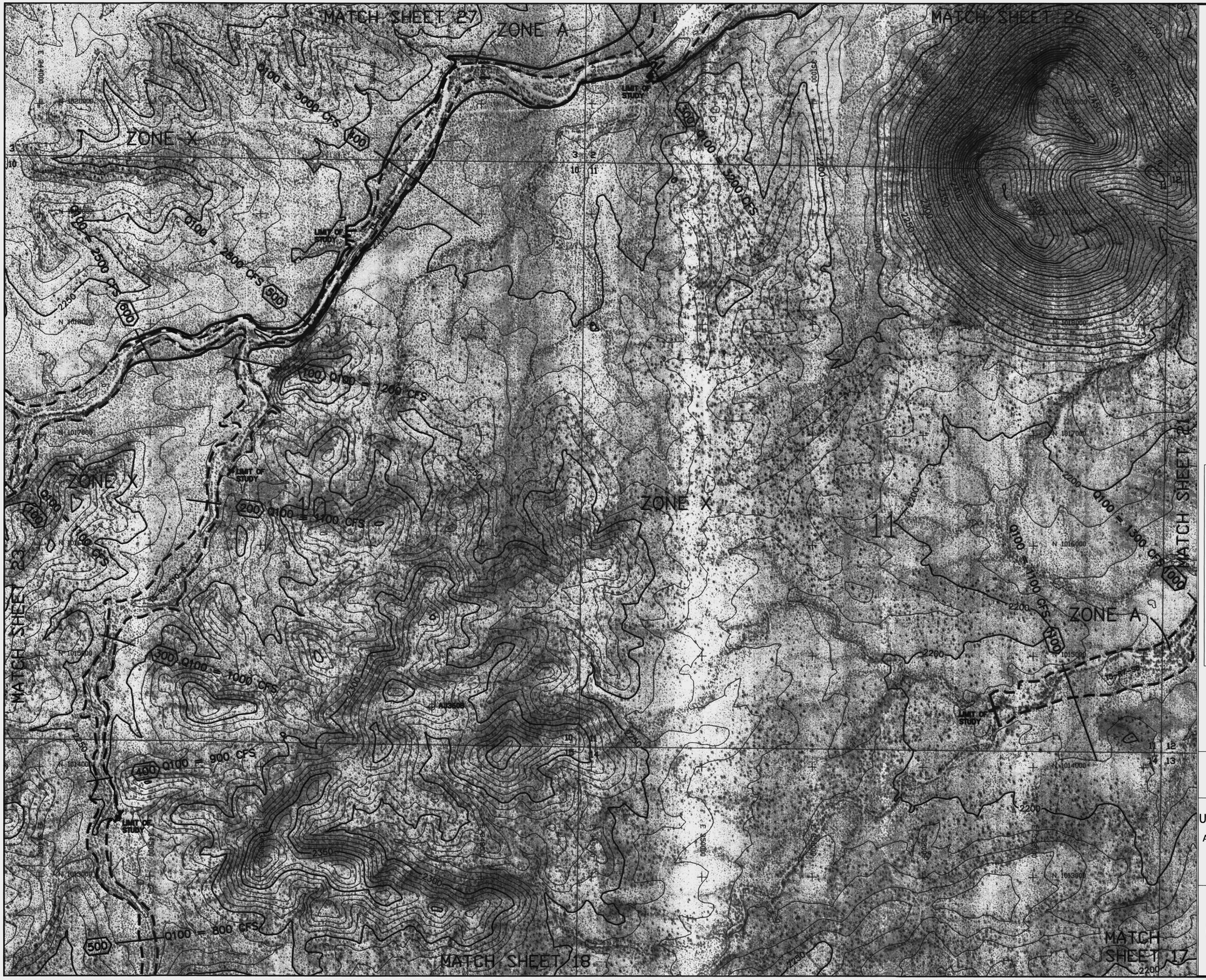
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA


MATCH SHEET 26
MATCH SHEET 25
MATCH SHEET 22
MATCH SHEET 17
MATCH SHEET 16
ZONE X
ZONE A
ZONE X
ZONE A
ZONE X
ZONE A
JACKRABBIT WASH
DEAD HORSE WASH
LIMIT OF STUDY
Q100 = 13500 CFS
Q100 = 1600 CFS
Q100 = 7600 CFS
Q100 = 7700 CFS
Q100 = 1900 CFS
Q100 = 7600 CFS
Q100 = 1600 CFS
Q100 = 1600 CFS
Q100 = 1600 CFS
Q100 = 1600 CFS
Q100 = 1600 CFS
Q100 = 7600 CFS
Q100 = 1600 CFS
Q100 = 1600 CFS
Q100 = 1600 CFS
Q100 = 1600 CFS
Q100 = 1



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS — ZONE A
- CORPORATE LIMITS — Corporate Limits
- COUNTY BOUNDARY — County Boundary
- SECTION BOUNDARY — 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK — AJ3594

NOTES

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

NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3606	4JP3	1014540.663	347552.982	2346.093

SHEET INDEX MAP

N

400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) — Certificate No. 32854 — SHIMIN ZOU — Date Signed 3/1/05 — ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC
TEMPE, ARIZONA – 480-752-2124
IN ASSOCIATION WITH
WOOD/PATEL ASSOCIATES — Civil Engineers, Hydrologists, Land Surveyors — (602) 335-8000
ARGUS CONSULTING — A CIVIL ENGINEERING COMPANY, L.L.C. — Scottsdale, Arizona 480-596-1111

WP# 001218

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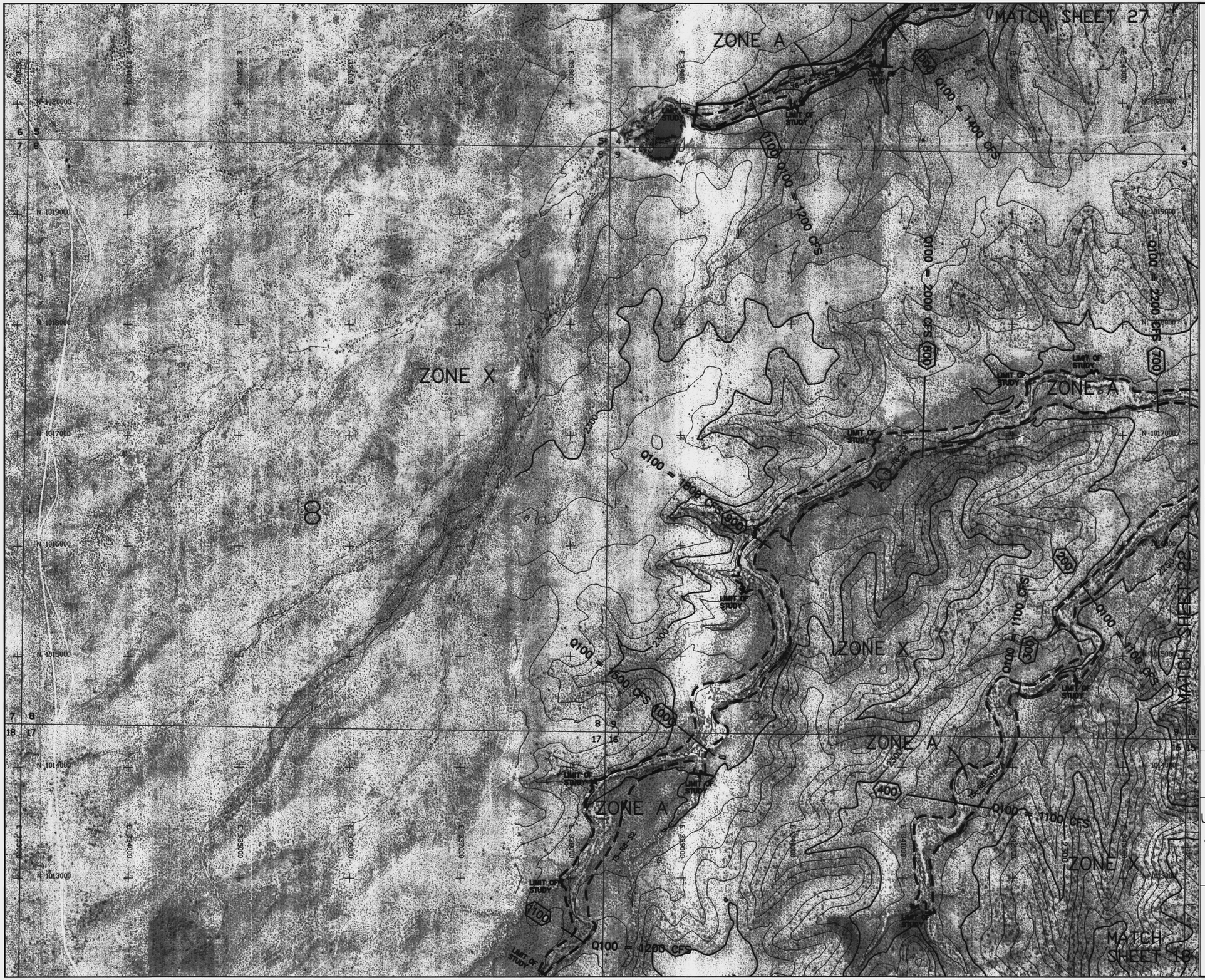
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
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- ELEVATION REFERENCE MARK: AJ3594

NOTES

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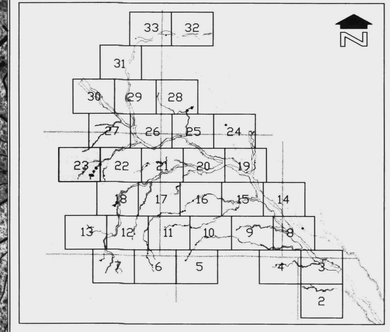
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3608	4JP3	1014540.663	347552.982	2346.093

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION
STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 3/1/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors
(602) 335-8000

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-556-1311

WP# 001218

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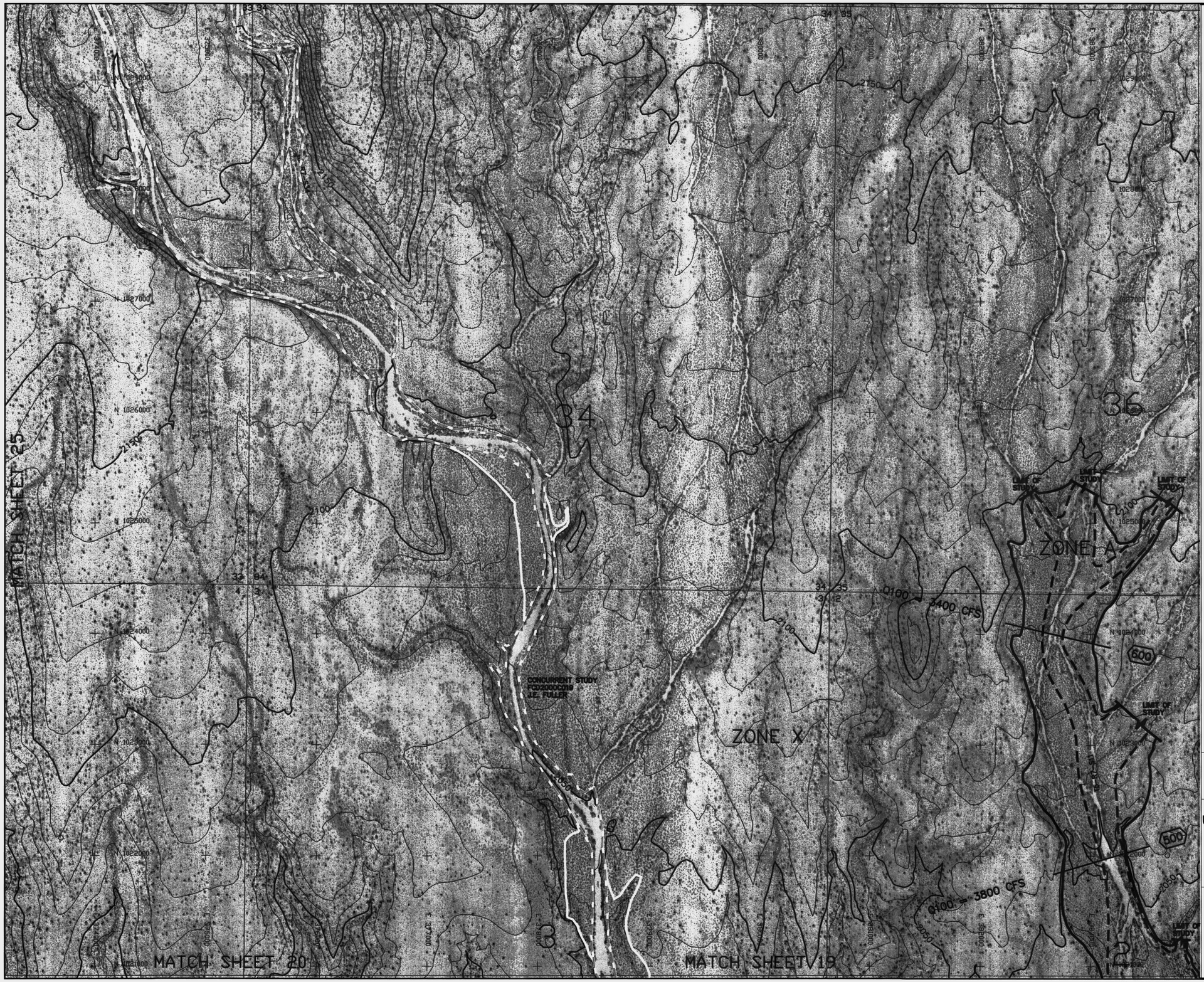
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA


T3N
T2N
R5W
R4W
R3W
R2W
R1W
R1E
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25
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N 1026000
N 1025000
N 1024000
N 1023000
2100
2150
2200
2250
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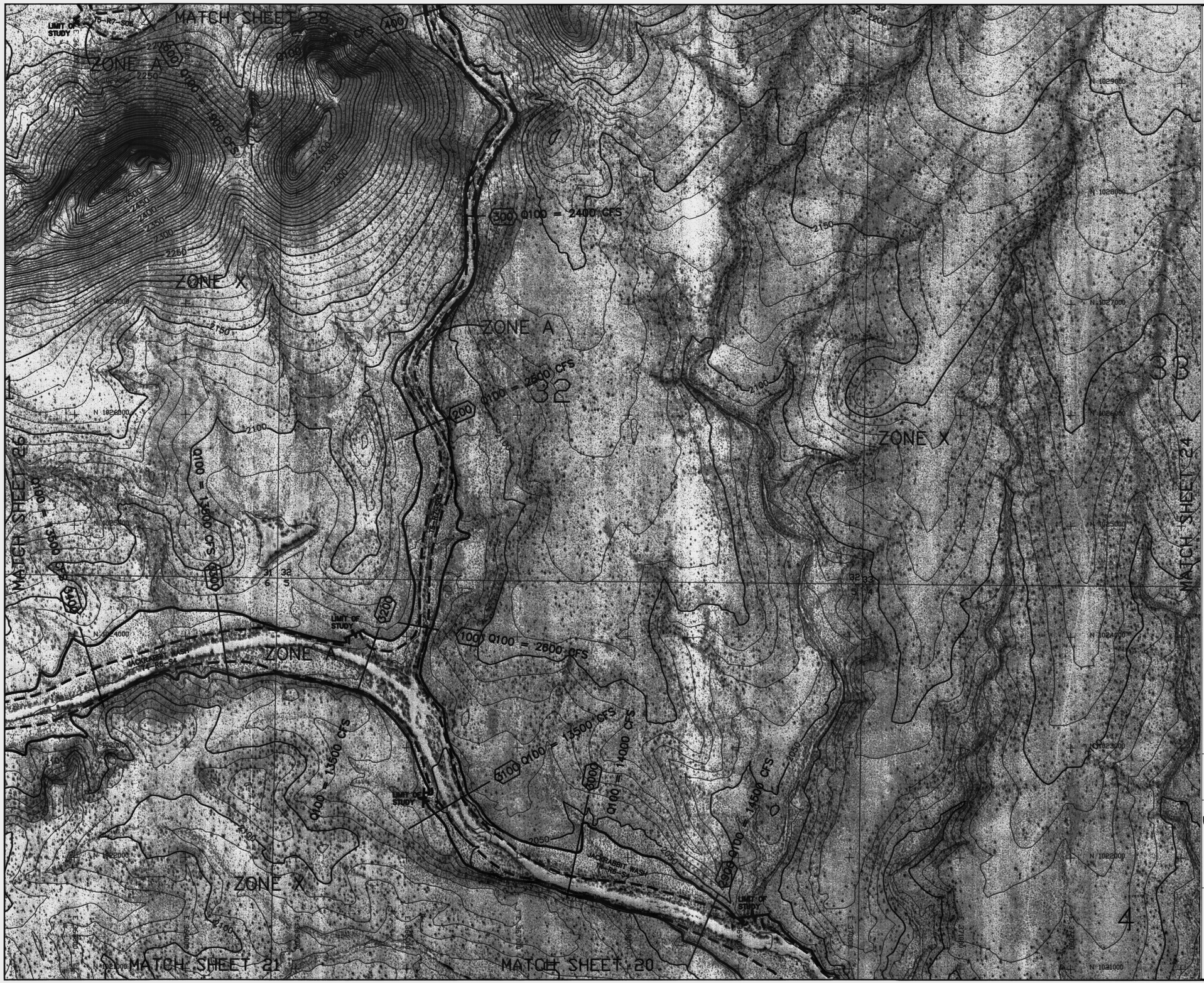


LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS: ZONE A
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- SECTION BOUNDARY: 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK: AJ3594

NOTES

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

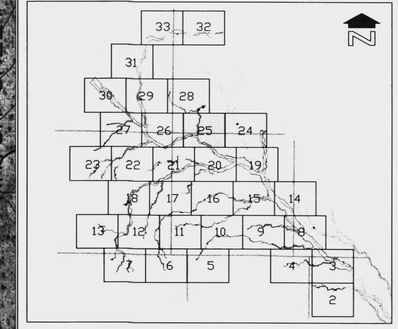
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3607	4JN4 (Not Shown, Outside Boundary of Sheet)	1014118.845	374837.064	2041.808

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 2/6/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. TEMPE, ARIZONA – 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES Civil Engineers Hydrologists Land Surveyors (602) 335-8000

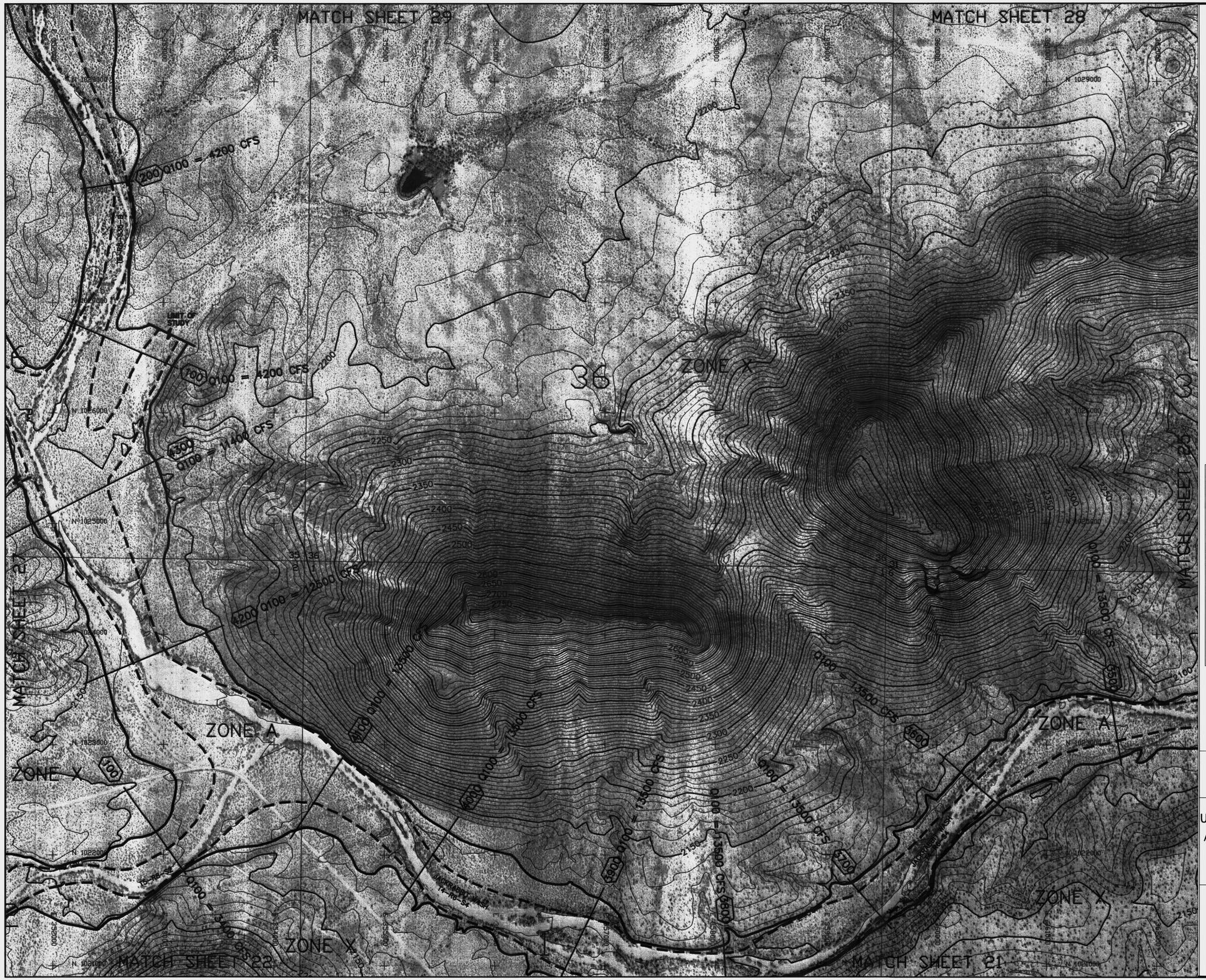
ARGUS CONSULTING A CIVIL ENGINEERING COMPANY, L.L.C. Scottsdale, Arizona 480-290-1191

WP# 001218

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	200
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	AJ3594

NOTES

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NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

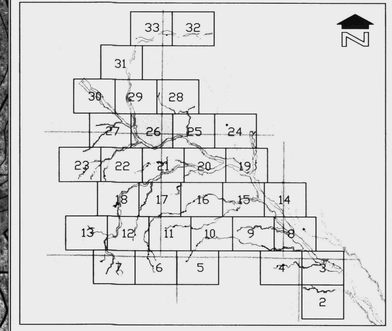
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3613	4KO3	1022758.793	348548.619	2234.403

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 10/31/03 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

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Civil Engineers
Hydrologists
Land Surveyors
(602) 335-8500

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-391-7171

WP# 001218

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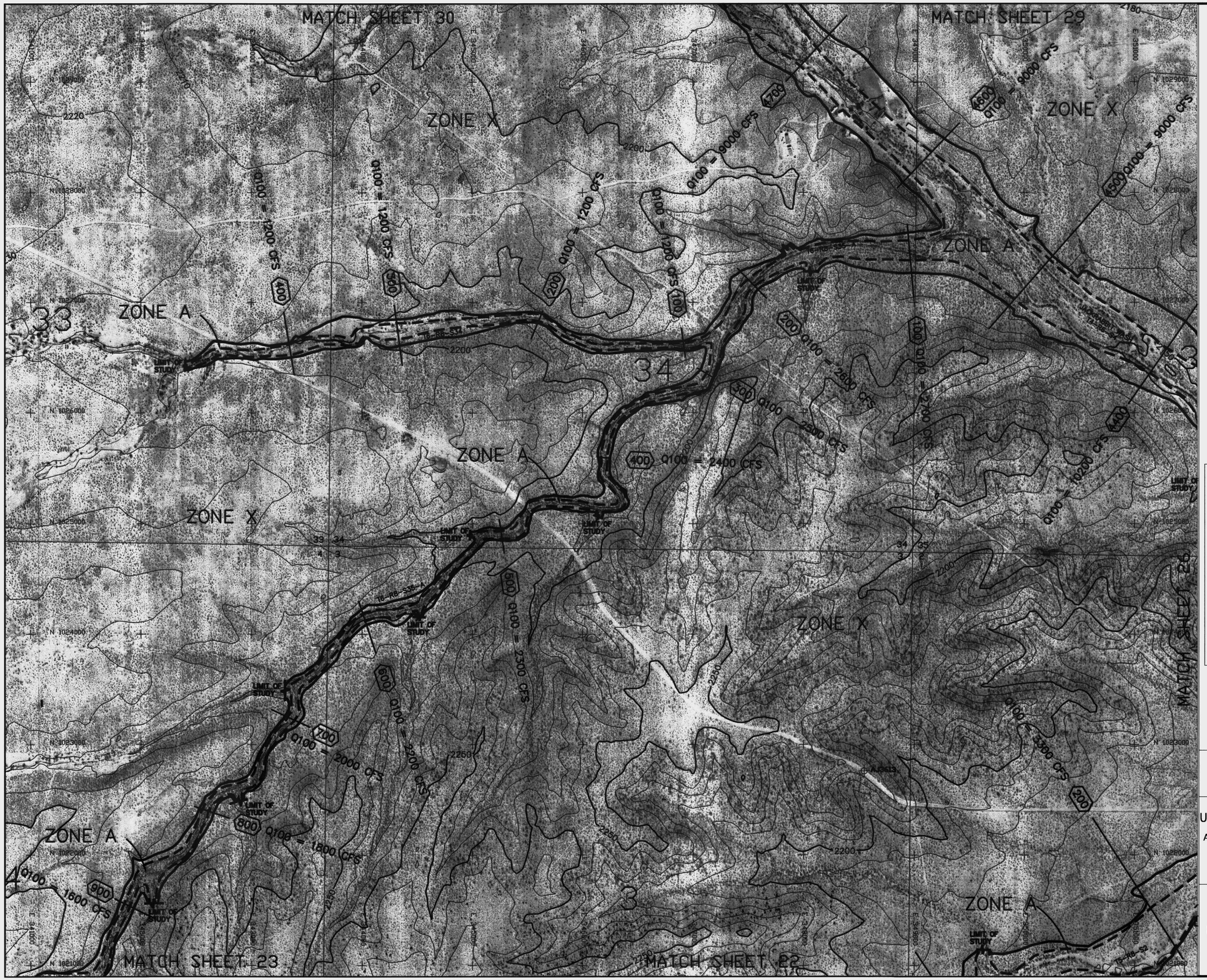
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION
- ZONE DESIGNATIONS — ZONE A
- CORPORATE LIMITS — Corporate Limits
- COUNTY BOUNDARY — County Boundary
- SECTION BOUNDARY — 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK — AJ3594

NOTES

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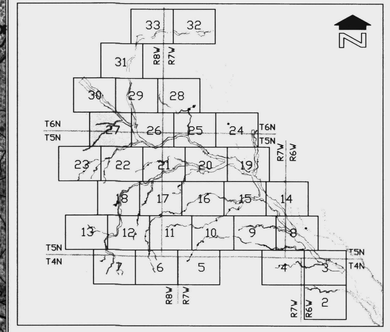
NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3613	4KO3	1022758.793	348548.619	2234.403

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019 WATERSHED "00" DECEMBER 2003

Registered Professional Engineer (Civil) — CERTIFICATE NO. 32854 — SHIMIN ZOU — Date Signed — ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. — TEMPE, ARIZONA – 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES — Civil Engineers — Water Resources — Land Surveyors — (602) 335-8000

ARGUS CONSULTING — A CIVIL ENGINEERING COMPANY, L.L.C. — Scottsdale, Arizona 480-596-1177

WP# 001218

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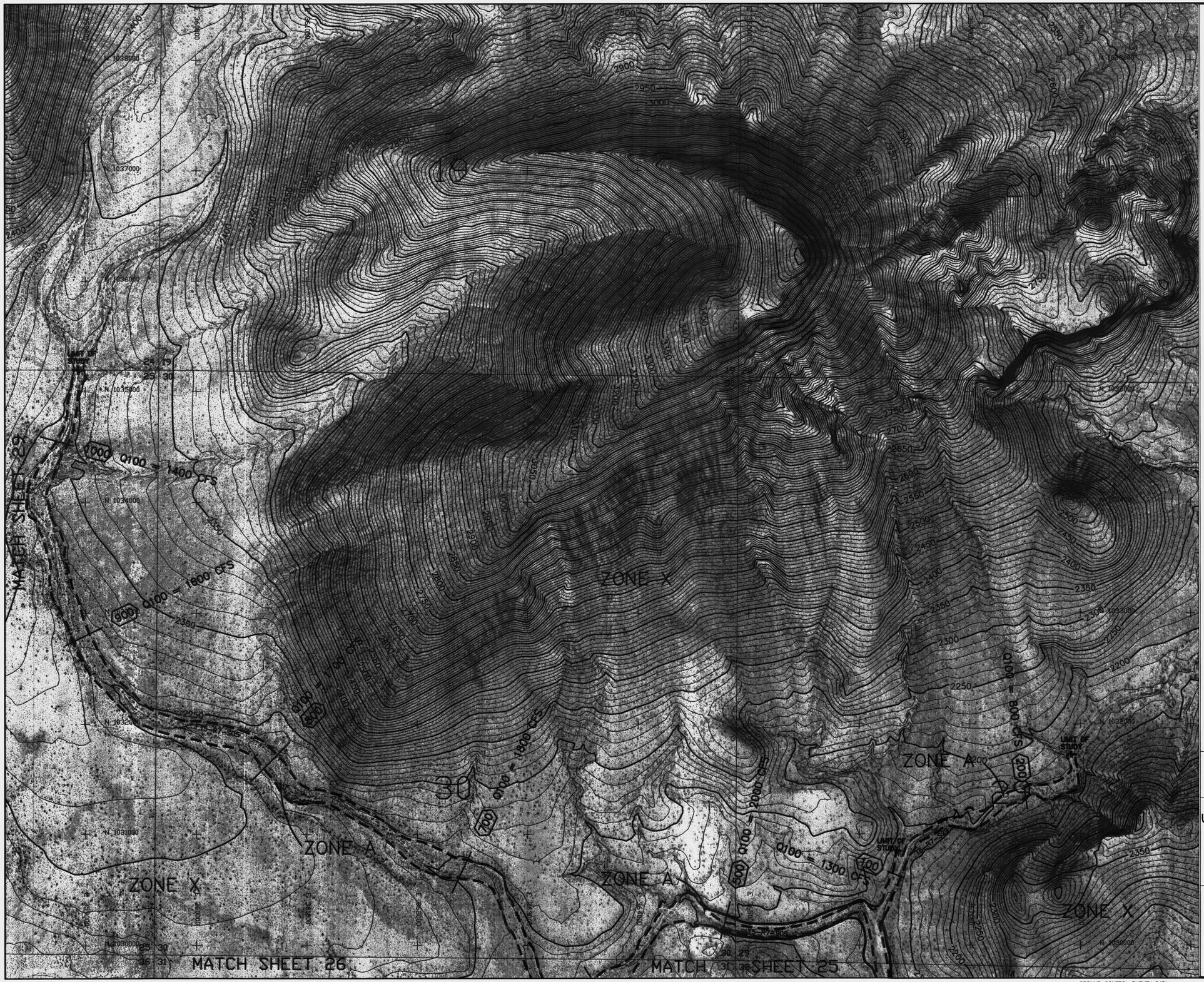
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION 200
- ZONE DESIGNATIONS ZONE A
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- COUNTY BOUNDARY County Boundary
- SECTION BOUNDARY 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK AJ3594

NOTES

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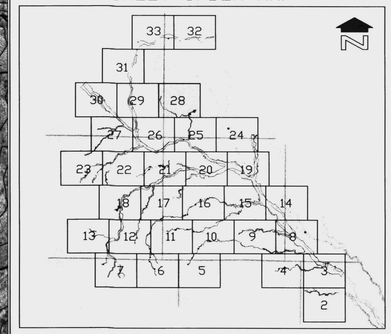
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3613	4KO3	1022758.793	348548.619	2234.403

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 2/28/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

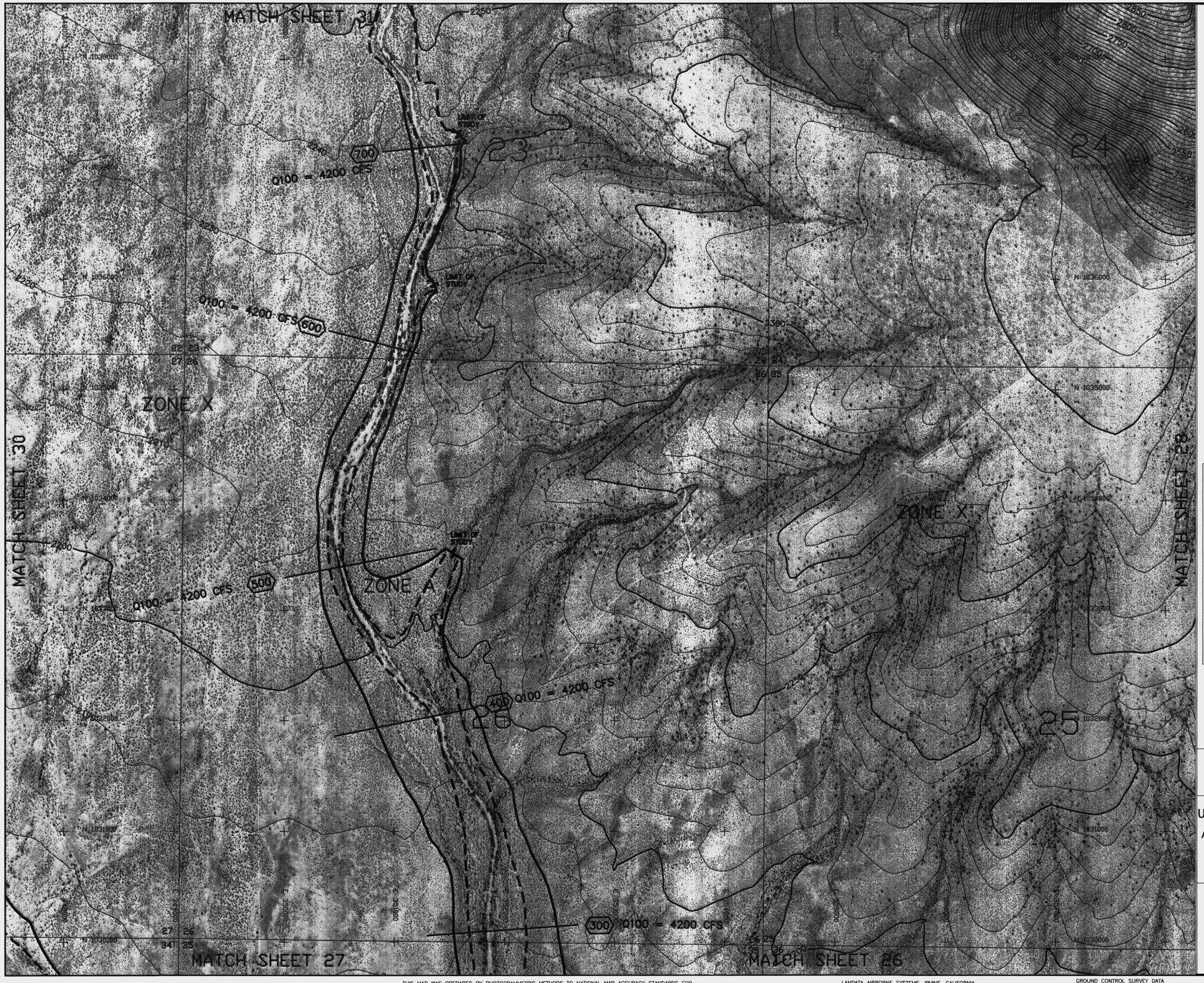
WOOD/PATEL ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors
(602) 335-8500

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-766-1121

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 500' HORIZONTAL SCALE AND 10' CONTOUR INTERVALS.

LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
- 100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY) (Shown as white & gray)
- CROSS SECTION (200)
- ZONE DESIGNATIONS — ZONE A
- CORPORATE LIMITS — Corporate Limits
- COUNTY BOUNDARY — County Boundary
- SECTION BOUNDARY — 12 | 7 / 13 | 18
- ELEVATION REFERENCE MARK — AJ3594

NOTES

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

NOTE: ALL NORTHING AND EASTING MARKS ARE IN NAD83 STATE PLANE COORDINATE SYSTEM

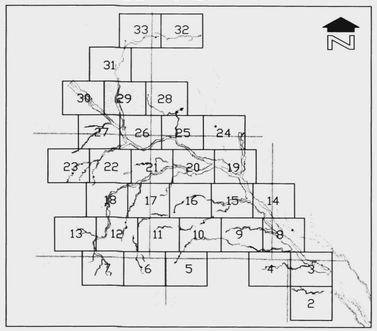
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3613	4KO3	1022758.793	348548.619	2234.403

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) CERTIFICATE NO. 32854 SHIMIN ZOU Date Signed 12/31/04 ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC. TEMPE, ARIZONA - 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES Civil Engineers Land Surveyors (602) 335-8500

ARGUS CONSULTING A CIVIL ENGINEERING COMPANY, L.L.C. Scottsdale, Arizona 480-596-1777

WP# 001218

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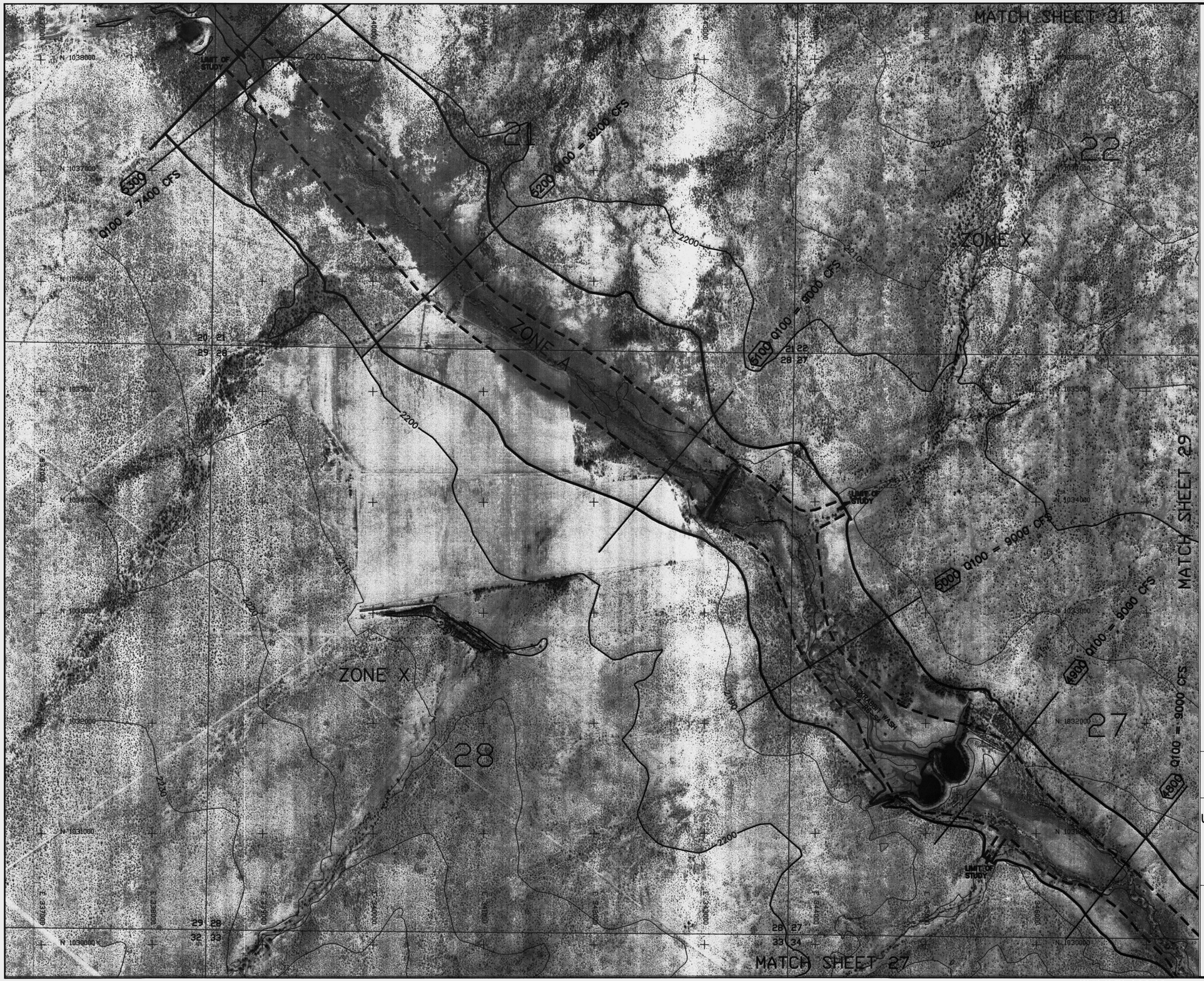
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR ADMINISTRATIVE FLOODWAY
- 100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY) (Shown as white)
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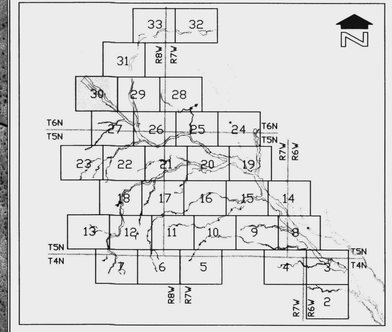
ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3613	4KO3	1022758.793	348548.619	2234.403

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

SCALE: 1"= 400 FEET

CONTOUR INTERVAL = 10 FEET

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil)
CERTIFICATE NO.
32854
SHIMIN
ZOU
Date Signed
ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA – 480-752-2124

IN ASSOCIATION WITH

WOOD/PATEL ASSOCIATES
Civil Engineers
Water Resources
Land Surveyors
(602) 335-8600

ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-788-7101

WP# 001218

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LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA

MATCH SHEET 33

MATCH SHEET 30

MATCH SHEET 29

ZONE X

ZONE A

ZONE X

Q100 = 2900 CFS

Q100 = 3300 CFS

Q100 = 3700 CFS

Q100 = 4000 CFS

LIMIT OF STUDY

LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR ADMINISTRATIVE FLOODWAY	
100-YR FLOODPLAIN BOUNDARY (EXISTING OR CONCURRENT STUDY)	(Shown as white)
100-YR ADMINISTRATIVE FLOODWAY (EXISTING OR CONCURRENT STUDY)	(Shown as white & gray)
CROSS SECTION	200
ZONE DESIGNATIONS	ZONE A
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
SECTION BOUNDARY	12 | 7 / 13 | 18
ELEVATION REFERENCE MARK	AJ3594

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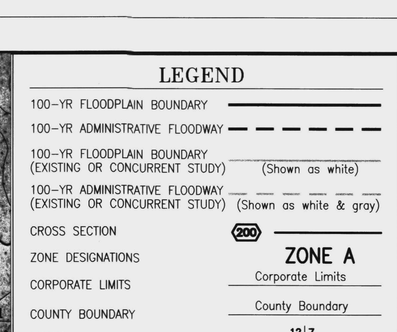
GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

NGS PID	Station Designation	NAD 83 Northing (feet)	NAD 83 Easting (feet)	NAVD 88 Elevation (feet)
AJ3625	4MO2	1056733.045	357955.512	2388.058

(Not Shown, Outside Boundary of Sheet)

SHEET INDEX MAP



400' 0' 400' 800'

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

APPROXIMATE ZONE A FLOODPLAIN DELINEATION
STUDY OF JACKRABBIT WASH, FCD 2000C019
WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil)
CERTIFICATE NO.
32854
SHIMIN
ZOU
Date Signed 1/10
ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
TEMPE, ARIZONA - 480-752-2124
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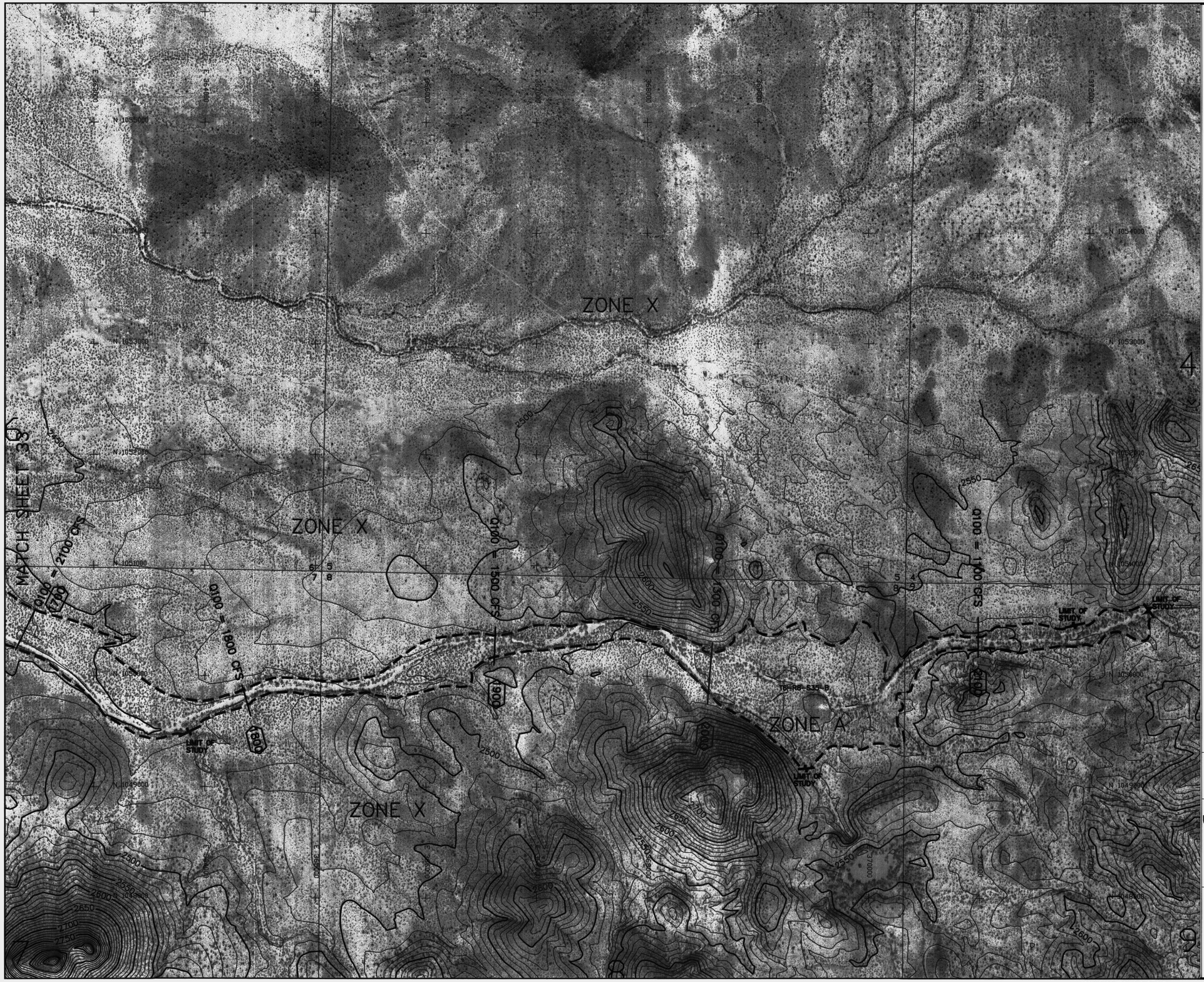
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



LEGEND

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ELEVATION REFERENCE MARKS

GEODETIC DENSIFICATION CADASTRAL SURVEY (GDACS) CONTROL STATIONS

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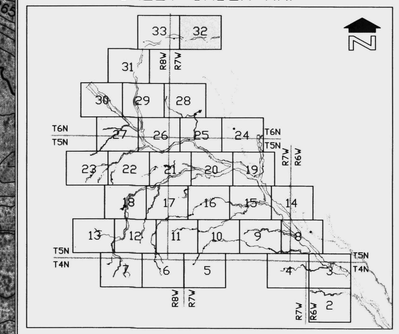
SHEET INDEX MAP



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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

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WATERSHED "00"
DECEMBER 2003

Registered Professional Engineer (Civil) — Certificate No. 32854 — SHIMIN ZOU — Date Signed — ARIZONA, U.S.A.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
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ARGUS CONSULTING
A CIVIL ENGINEERING COMPANY, L.L.C.
Scottsdale, Arizona 480-556-1731

WP# 001218

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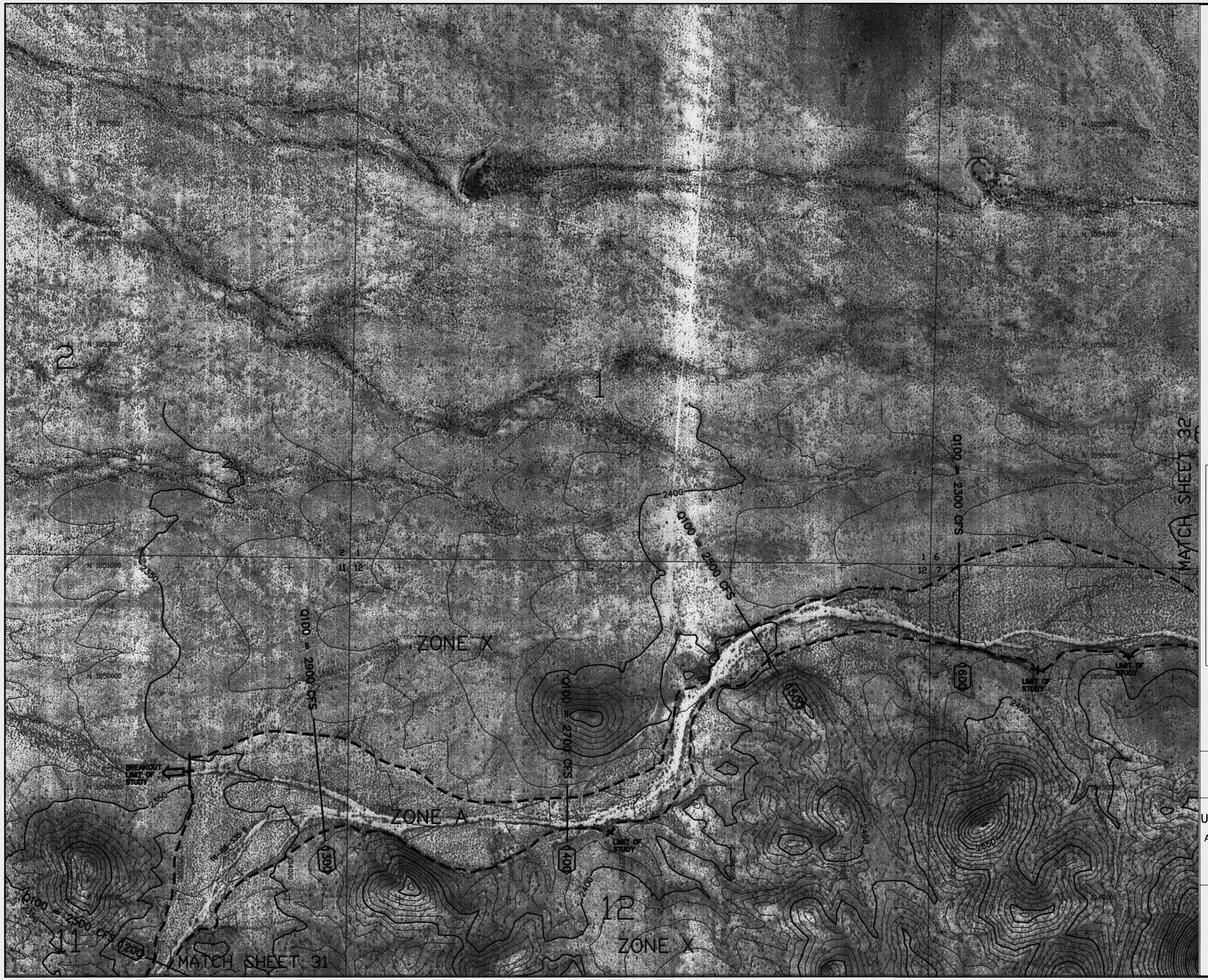
LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA



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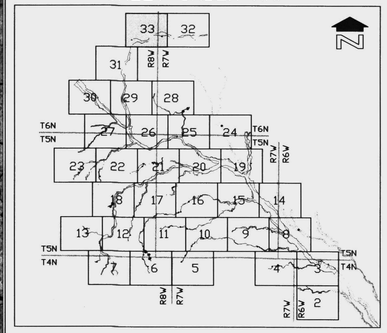

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

UPPER JACKRABBIT WASH AND TRIBUTARIES

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ARGUS CONSULTING — A CTIN, ENGINEERING COMPANY, L.L.C., Scottsdale, Arizona 480.596.1111

WP# 001218

SHEET 33 OF 33

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LANDATA AIRBORNE SYSTEMS, IRVINE, CALIFORNIA
FLIGHT DATES: DECEMBER 2000

GROUND CONTROL SURVEY DATA
PROVIDED BY RBF CONSULTING, PHOENIX, ARIZONA