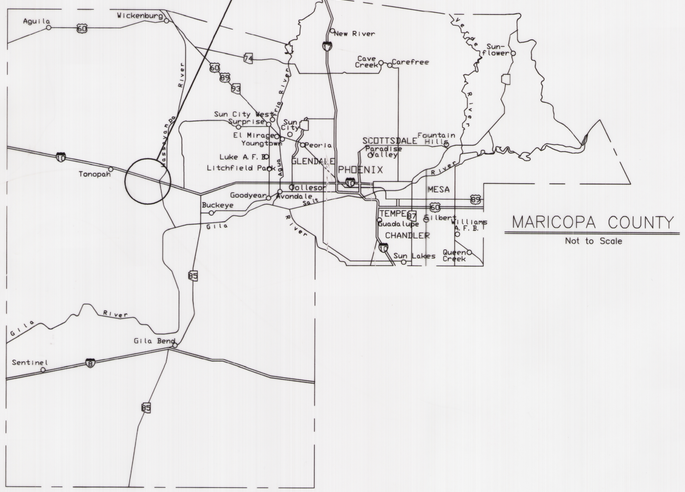
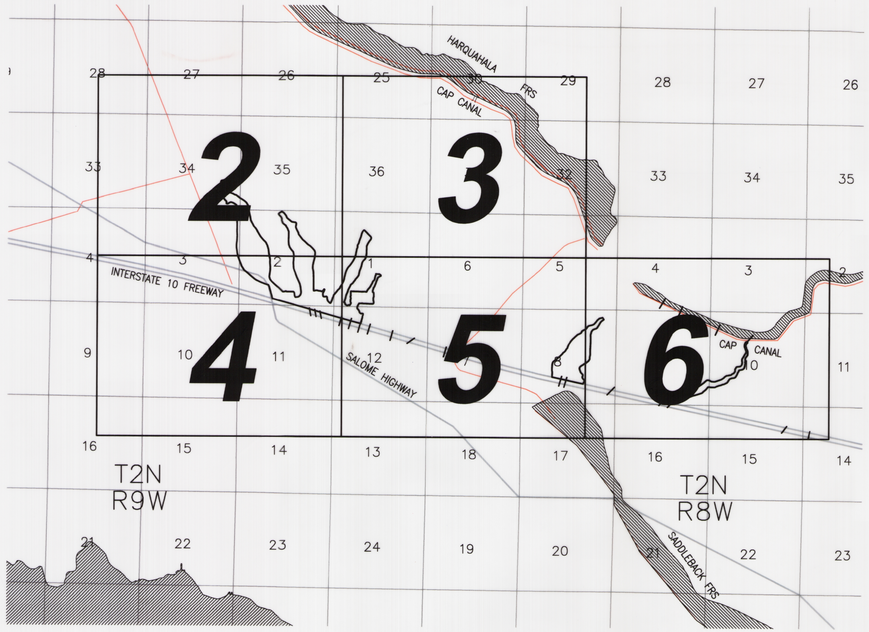
Paper Maps sheets 2, 3, 6, 8, 10 & 12 contain changes and have been added to the scanned Mylars before sheets 2, 3, 6, 8, 10 & 12.

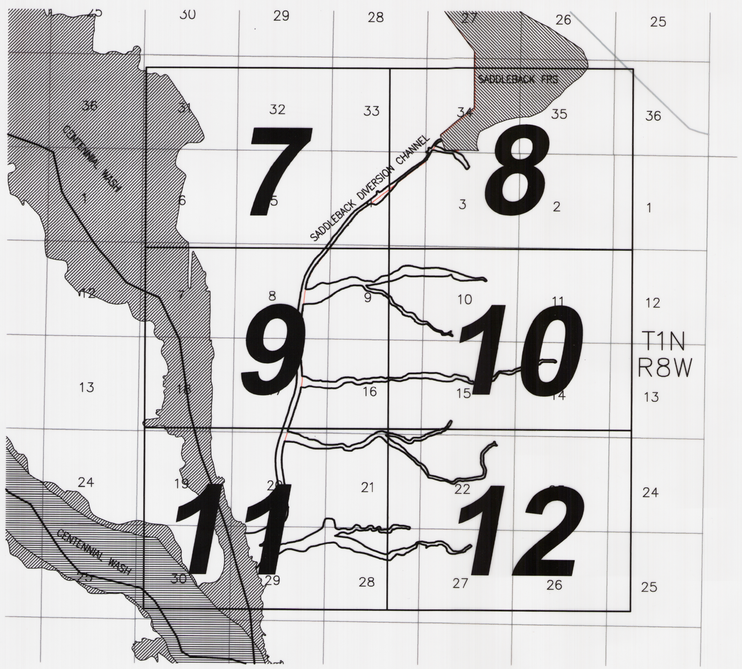
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER CENTENNIAL WATERSHED PHASE IV ZONE A FLOODPLAIN DELINEATION STUDY CONTRACT F.C.D. 2003C061

PROJECT LOCATION







CENTRAL FILES
DRAWER # 303

4000' 0' 4000' 8000'
SCALE: 1 INCH = 4000 FEET
FLIGHT DATE:
DECEMBER 17, 2000

LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- EXISTING CENTENNIAL WASH FLOODWAY
- EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
- EXISTING FLOOD PLAIN
- ROAD

HYDROLOGY & HYDRAULICS

JLK ENGINEERS
921 W. UNIVERSITY DRIVE, UNIT 1015
MESA, ARIZONA, 85201
(480)655-7483

AERIAL PHOTOGRAPHY

STEWART GEO TECHNOLOGIES, INC.
DECEMBER 2000
CONTOUR INTERVAL: 10 FEET

DATUM

HORIZONTAL: NORTH AMERICAN DATUM 1983
VERTICAL: NORTH AMERICAN VERTICAL DATUM 1988

STUDY AREA MAP AND SHEET INDEX

SHEET INDEX

SHEET 2-12 FLOOD DELINEATION STUDY

NOTES

THIS MAP WAS PREPARED FROM MARICOPA COUNTY DIGITAL TERRAIN MODELS (DTM) PREPARED FROM AERIAL PHOTOGRAPHS FLOWN ON DECEMBER 17, 2000 BY STEWART GEO TECHNOLOGIES, INC.

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

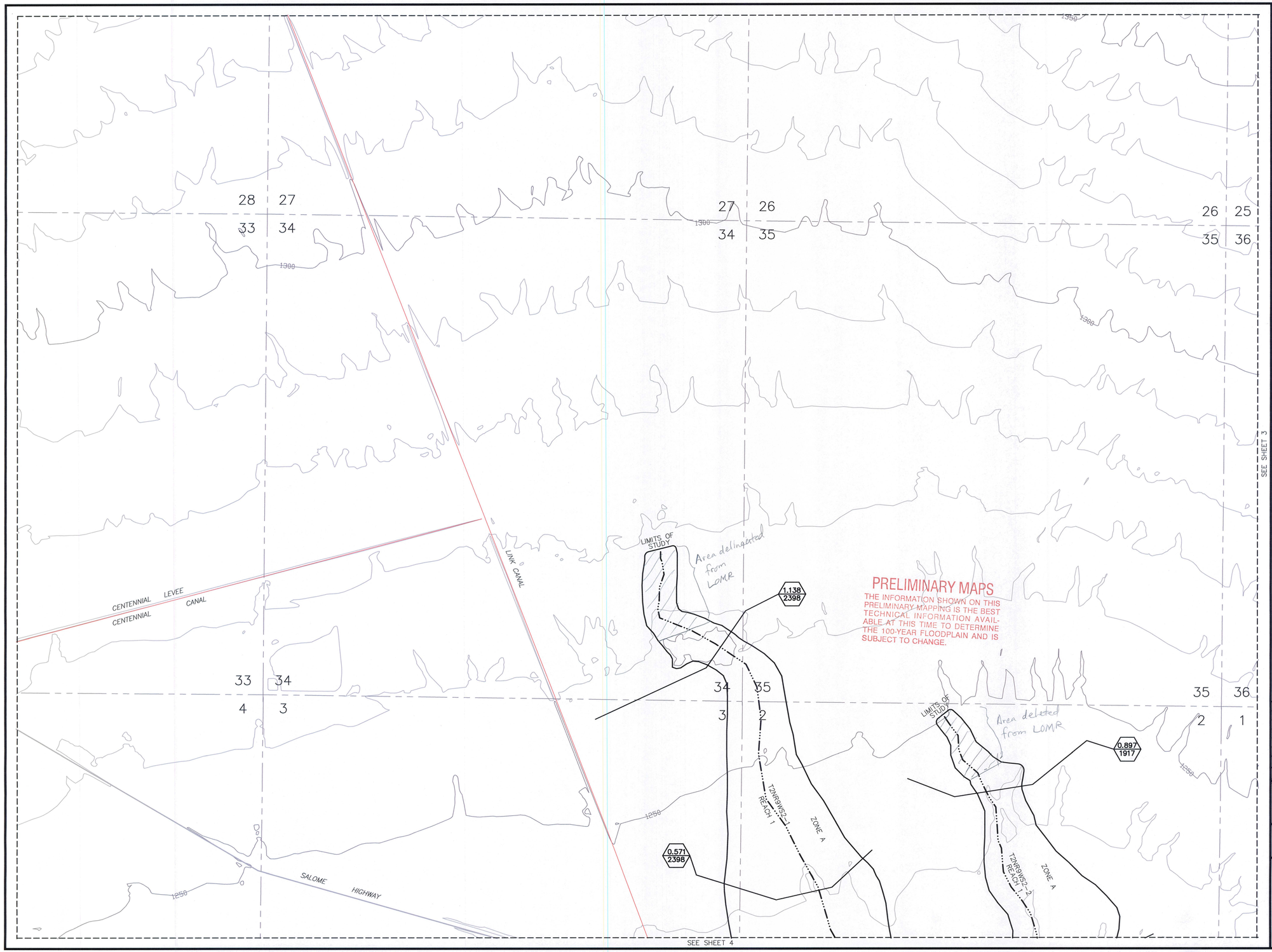
LOWER CENTENNIAL WATERSHED PHASE IV - ZONE A FLOODPLAIN DELINEATION STUDY F.C.D. CONTRACT NO. 2003C061

JLK Engineers
Transportation Drainage Public Works
18441 N. 25th Ave., Ste 103
Phoenix, AZ 85023
Tel 602-288-6528
Fax 602-288-5781

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S): 1" = 4000'
ORIGINAL PLAN DATE: DEC/2005
LATEST REVISION: FEB/2006
PROJECT NUMBER: RBF05001
SHEET NO. 1 OF 12 SHEETS

Centennial: Lower Centennial Watershed Phase IV, Zone A FDS
RBF Consult.
FCD 2003C061 Drawer 303



LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
- ZONE DESIGNATIONS — ZONE A
- CROSS SECTION — STATION RIVER MILE 0.528 / REGULATORY DISCHARGE (cfs) 1152
- EXISTING CENTENNIAL WASH FLOODWAY
- EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
- EXISTING FLOOD PLAIN
- ROAD
- STRUCTURES

NOTES

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2	3	
4	5	6

7	8
9	10
11	12

500' 0' 500' 100'

SCALE: 1 INCH = 500 FEET
FLIGHT DATE: DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

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LOWER CENTENNIAL WATERSHED
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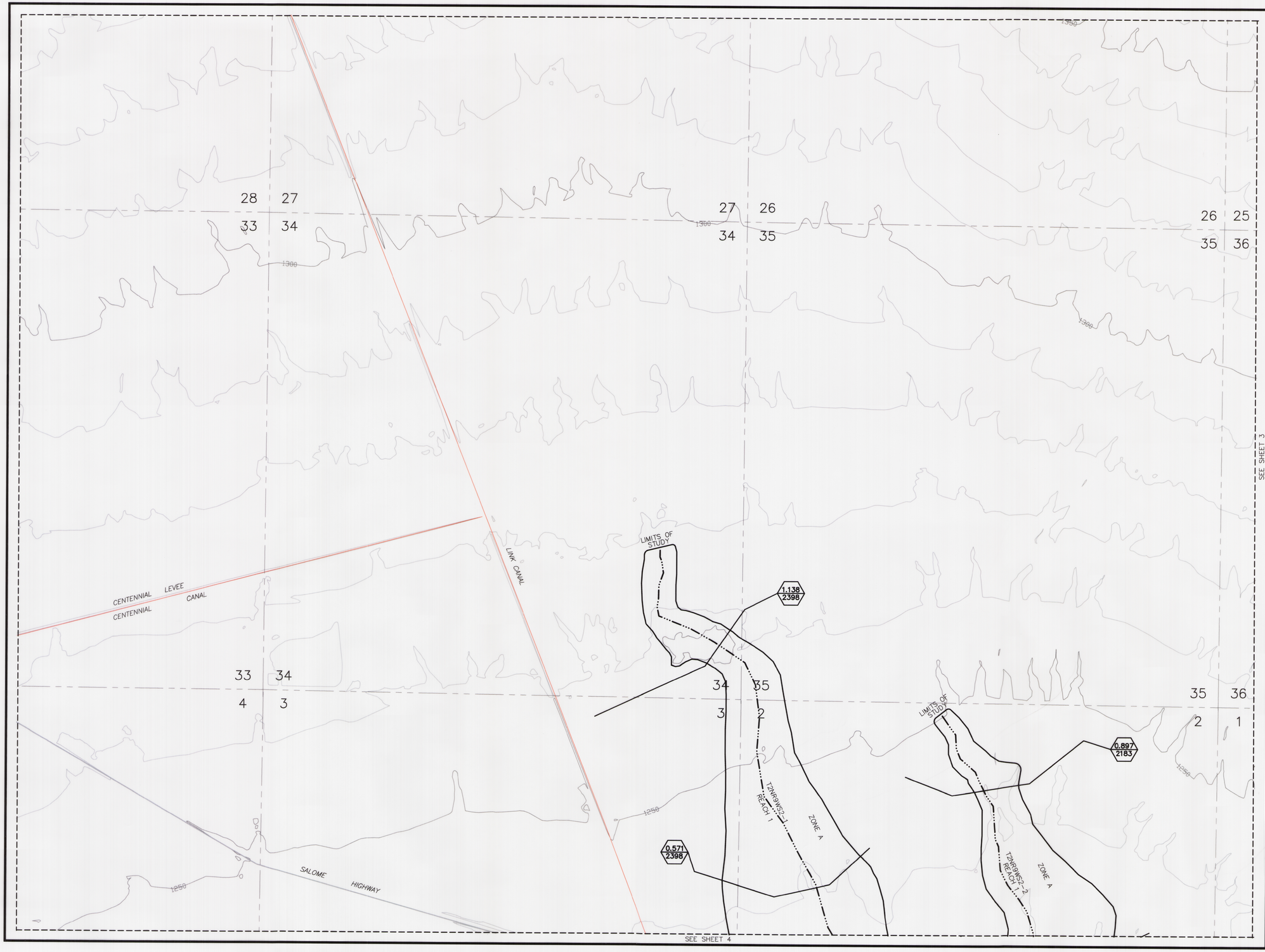
602-405-1875
Fax 602-288-5781

JOE R. GONZALEZ 31474 — Registered Professional Engineer — State of Arizona U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 2 OF 12 SHEETS



LEGEND

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- 100-YR FLOODPLAIN BOUNDARY
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- SECTION NUMBERS — 32
- ZONE DESIGNATIONS — ZONE A
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- REGULATORY DISCHARGE (cfs)
- EXISTING CENTENNIAL WASH FLOODWAY
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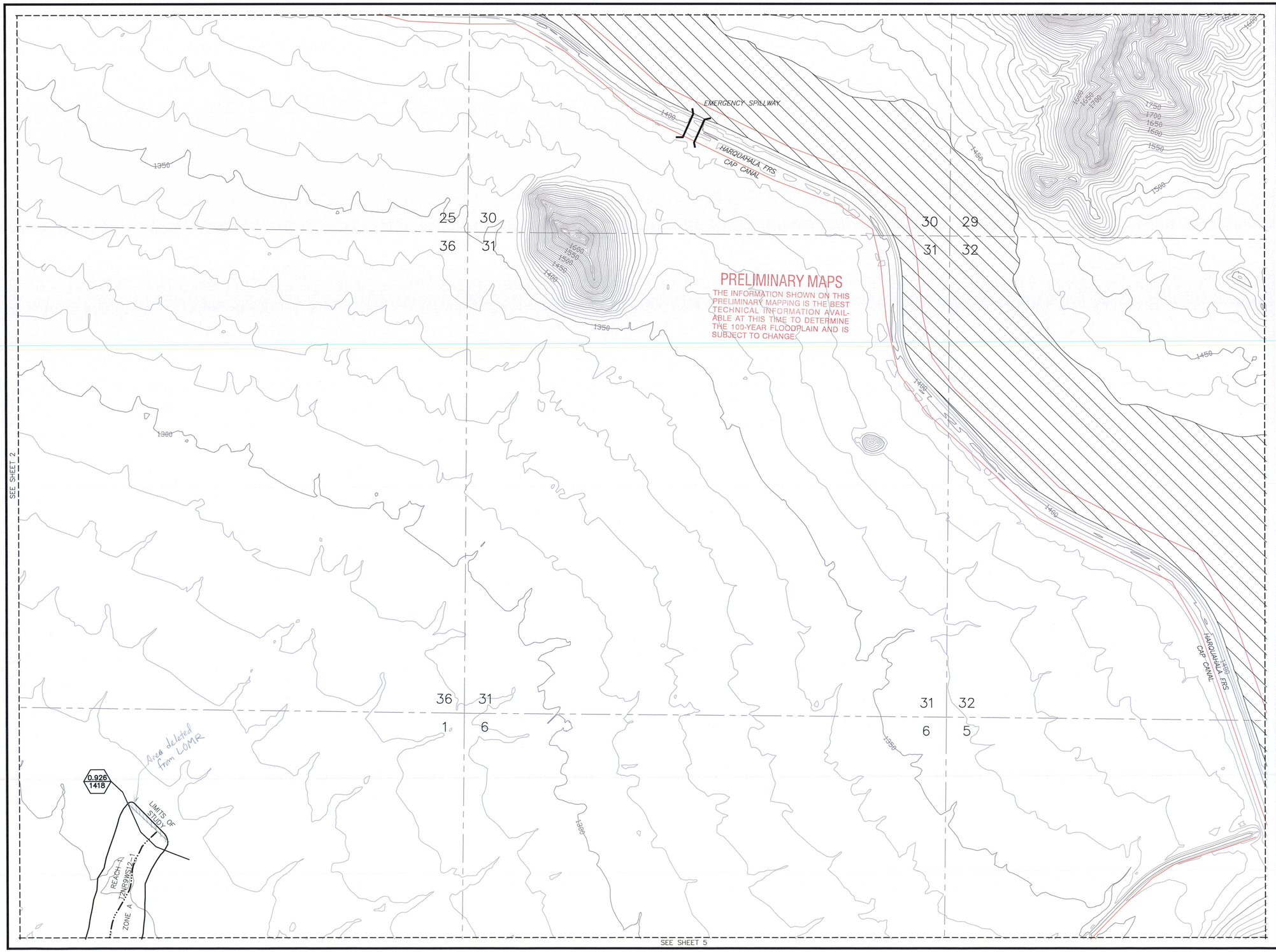
Fax 602-288-5781

REGISTERED PROFESSIONAL ENGINEER — 31474 JOE R. GONZALEZ — CIVIL — STATE OF ARIZONA U.S.A. — 2/10/06

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S): 1" = 500'
ORIGINAL PLAN DATE: DEC/2005
LATEST REVISION: FEB/2006
PROJECT NUMBER: RBF05001
SHEET NO. 2 OF 12 SHEETS



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SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

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Fax 602-288-5781

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 3 OF 12 SHEETS

Registered Professional Engineer (Civil) 31474 JOE R. GONZALEZ Date Signed 7/8/06 ARIZONA U.S.A.

LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
- 100-YR FLOODPLAIN BOUNDARY
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SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

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REVISIONS

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Fax 602-288-5781

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 3 OF 12 SHEETS

31474 JOE R. GONZALEZ — REGISTERED LAND SURVEYOR — ARIZONA U.S.A. — 2/10/06

LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
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500' 0' 500' 100'

SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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F.C.D. CONTRACT NO. 2003C061

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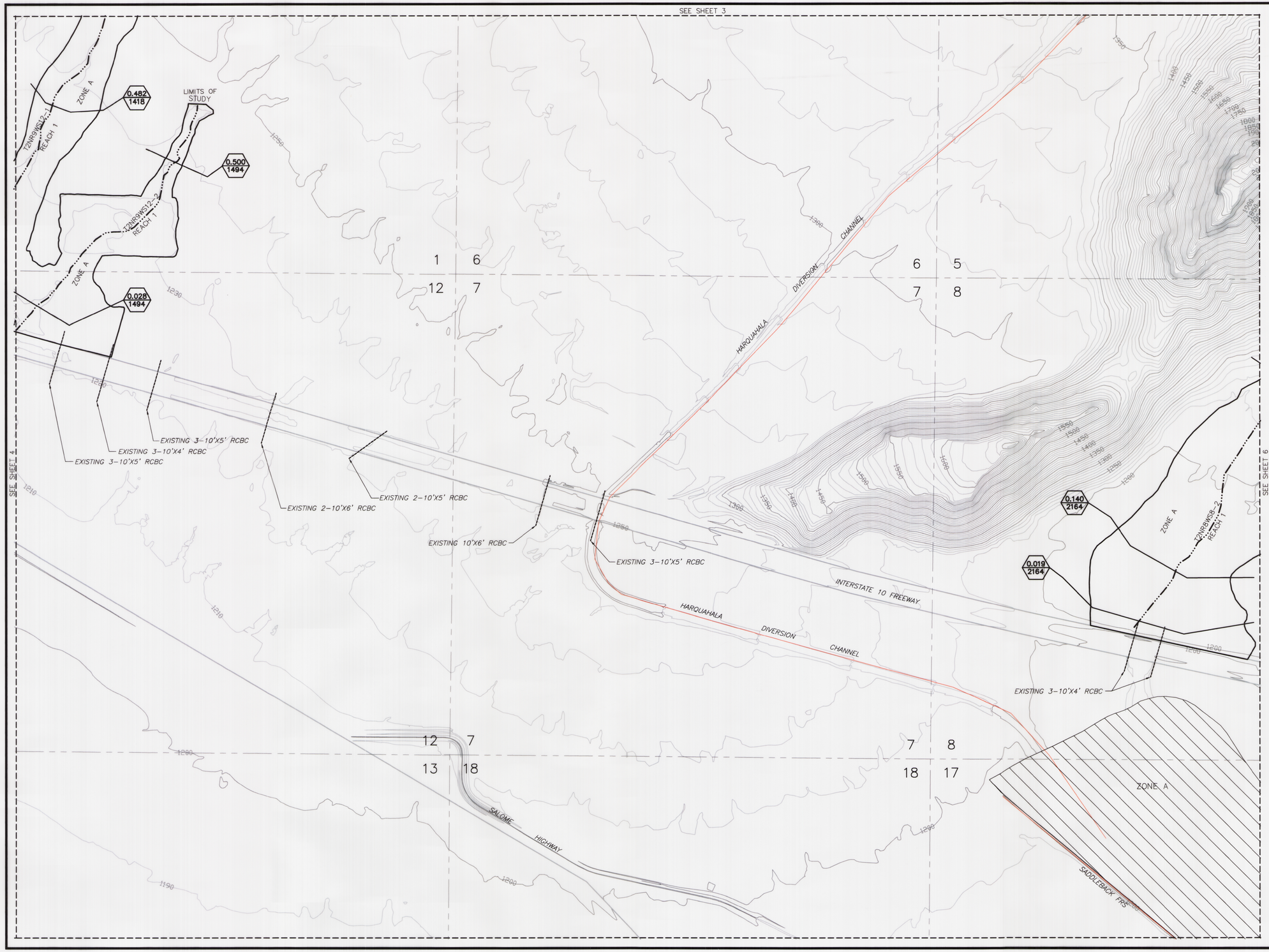
Phoenix, AZ 85023
Tel 602-288-5528
Fax 602-288-5781

31474 JOE R GONZALEZ — REGISTERED PROFESSIONAL ENGINEER — CIVIL — STATE OF ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 4 OF 12 SHEETS



LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
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500' 0' 500' 100'

SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

LOWER CENTENNIAL WATERSHED
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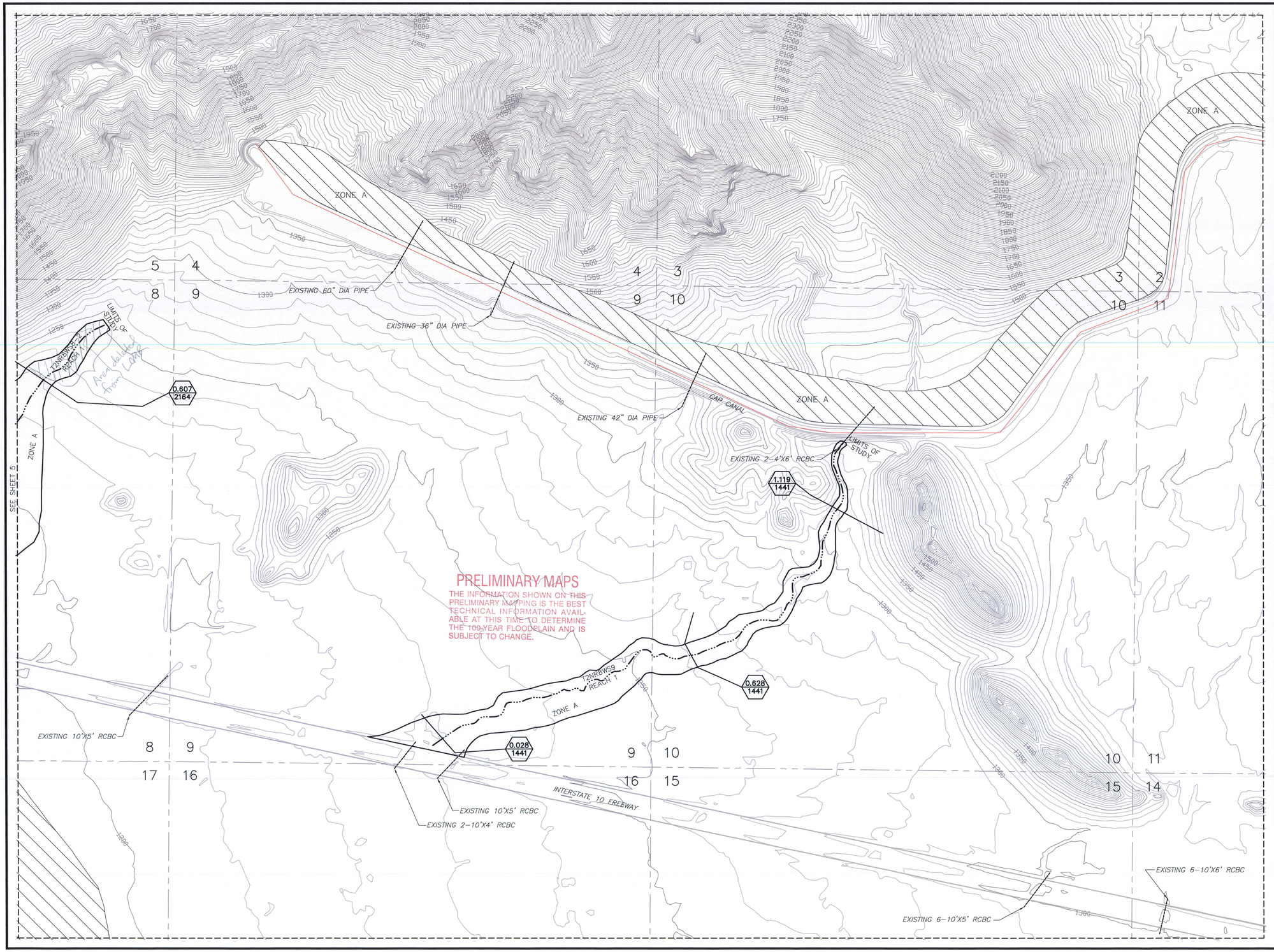
Fax 602-288-5781

31474 JOE R. GONZALEZ

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 5 OF 12 SHEETS



LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
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500' 0' 500' 100'

SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE
		REVISIONS		

LOWER CENTENNIAL WATERSHED
PHASE IV – ZONE A
FLOODPLAIN DELINEATION STUDY
F.C.D. CONTRACT NO. 2003C061

JLK Engineers
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Fax 602-288-5781

31474 JOE. R. GONZALEZ — REGISTERED PROFESSIONAL ENGINEER — CERTIFICATE — 12/31/06 — STATE OF ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S): 1" = 500'
ORIGINAL PLAN DATE: DEC/2005
LATEST REVISION: FEB/2006
PROJECT NUMBER: RBF05001
SHEET NO. 6 OF 12 SHEETS

LEGEND

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REVISIONS

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31474 JOE R. GONZALEZ — REGISTERED PROFESSIONAL ENGINEER — CIVIL — ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
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PROJECT NUMBER	RBF05001

SHEET NO. 6 OF 12 SHEETS

ZONE A

ZONE A

ZONE A

1120
1130
1140
1150
1160
1110
1120
1130
1140
1150

31 | 32
6 | 5

32 | 33
5 | 4

6 | 5
7 | 8

5 | 4
8 | 9

SEE SHEET 8

SEE SHEET 9

4.176
3379

3.675
3750

SADDLEBACK DIVERSION CHANNEL

TNRBWC29-2
REACH 4

ZONE A

LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
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31474 JOE R. GONZALEZ — REGISTERED PROFESSIONAL ENGINEER — ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

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PROJECT NUMBER	RBF05001

SHEET NO. 7 OF 12 SHEETS

ZONE A

ZONE A

ZONE A

PRELIMINARY MAPS

THE INFORMATION SHOWN ON THIS PRELIMINARY MAPPING IS THE BEST TECHNICAL INFORMATION AVAILABLE AT THIS TIME TO DETERMINE THE 100-YEAR FLOODPLAIN AND IS SUBJECT TO CHANGE.

LIMITS OF STUDY

T1NRBWS29-2 REACH 4

SADDLEBACK DIVERSION CHANNEL

T2NRBWS34 REACH 1 ZONE A

LIMITS OF STUDY

Area Added by Lomr

0.019 1429

0.393 1429

4.674 3010

1170 1180 1200 1250 1300 1350 1400 1450 1500

33 34 35 36

4 3 2 1

3 2 1

9 10 11 12

SEE SHEET 7

SEE SHEET 10

LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
- 100-YR FLOODPLAIN BOUNDARY
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Registered Professional Engineer — 31474 — JOE R. GONZALEZ — Civil — ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S): 1" = 500'
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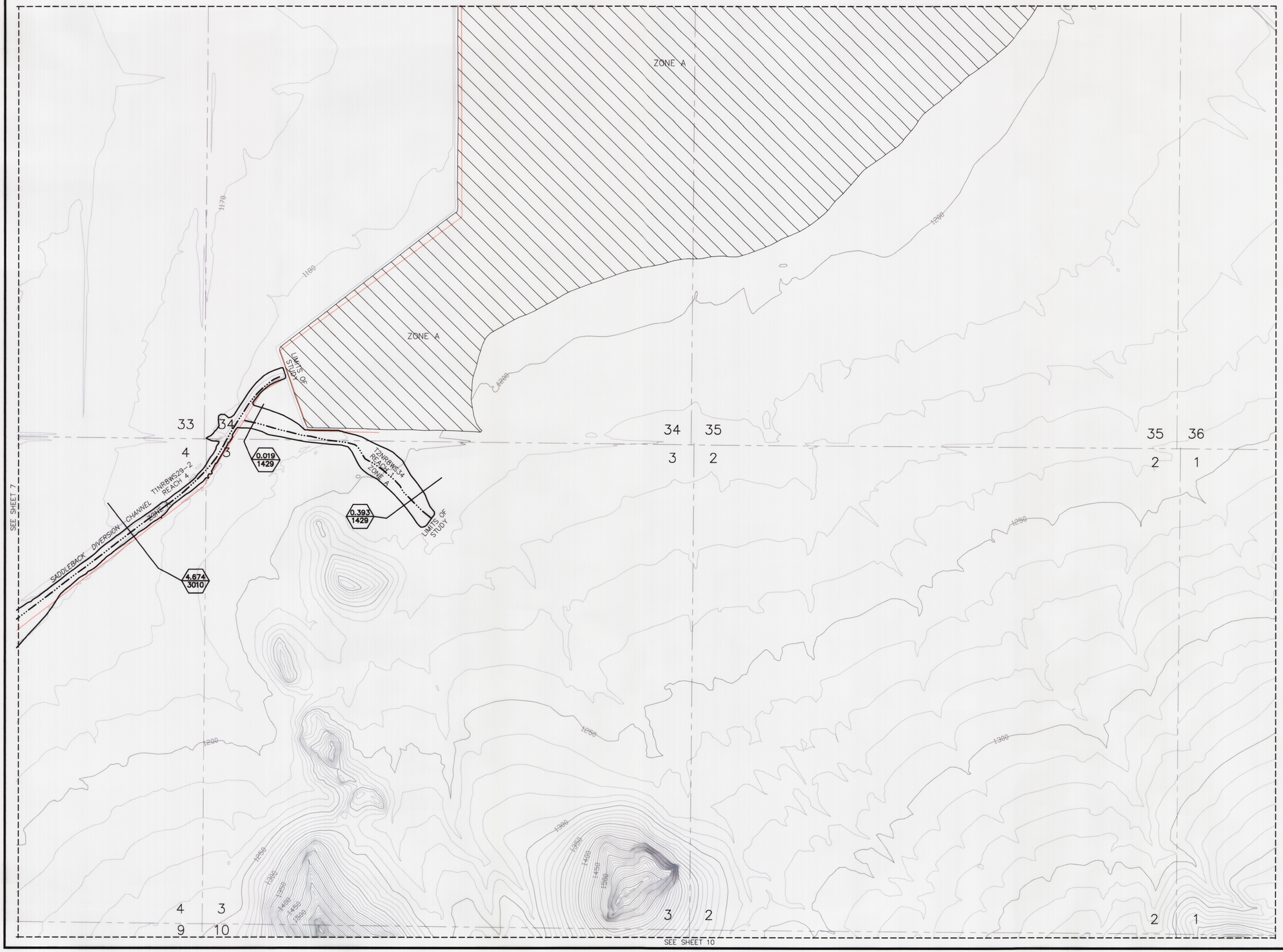
PROJECT NUMBER: RBF05001
SHEET NO. 8 OF 12 SHEETS



LEGEND

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31474 JOE R. GONZALEZ — REGISTERED ENGINEER — STATE OF ARIZONA U.S.A.

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SHEET NO. 8 OF 12 SHEETS

LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
- ZONE DESIGNATIONS — ZONE A
- STATION RIVER MILE — 0.528
- CROSS SECTION — 1152
- REGULATORY DISCHARGE (cfs)
- EXISTING CENTENNIAL WASH FLOODWAY
- EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
- EXISTING FLOOD PLAIN
- ROAD
- STRUCTURES

NOTES

THIS MAP WAS PREPARED FROM MARICOPA COUNTY DIGITAL TERRAIN MODELS (DTM) PREPARED FROM AERIAL PHOTOGRAPHS FLOWN ON DECEMBER 17, 2000 BY STEWART GEO TECHNOLOGIES, INC.

2	3	
4	5	6

7	8
9	10
11	12

500' 0' 500' 100'

SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

LOWER CENTENNIAL WATERSHED
PHASE IV – ZONE A
FLOODPLAIN DELINEATION STUDY
F.C.D. CONTRACT NO. 2003C061

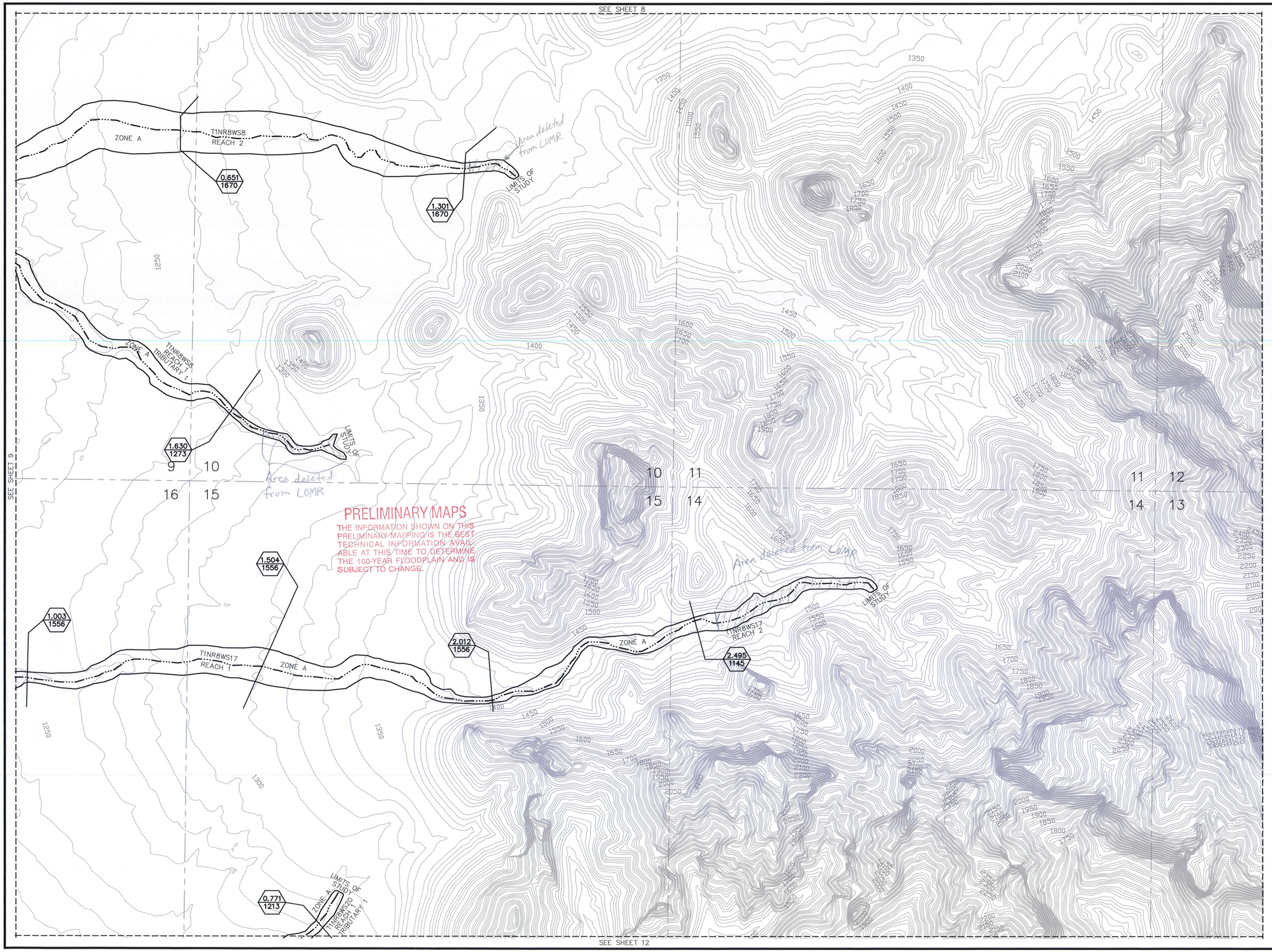
JLK Engineers
Transportation Drainage Public Works
18441 N. 25th Ave., Ste 103
Phoenix, AZ 85023
Tel 602-288-6528
Fax 602-288-5781

31474 JOE R. GONZALEZ ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 9 OF 12 SHEETS



LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
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SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
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LOWER CENTENNIAL WATERSHED
PHASE IV – ZONE A
FLOODPLAIN DELINEATION STUDY
F.C.D. CONTRACT NO. 2003C061

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Transportation Drainage Public Works
18441 N. 25th Ave., Suite 103
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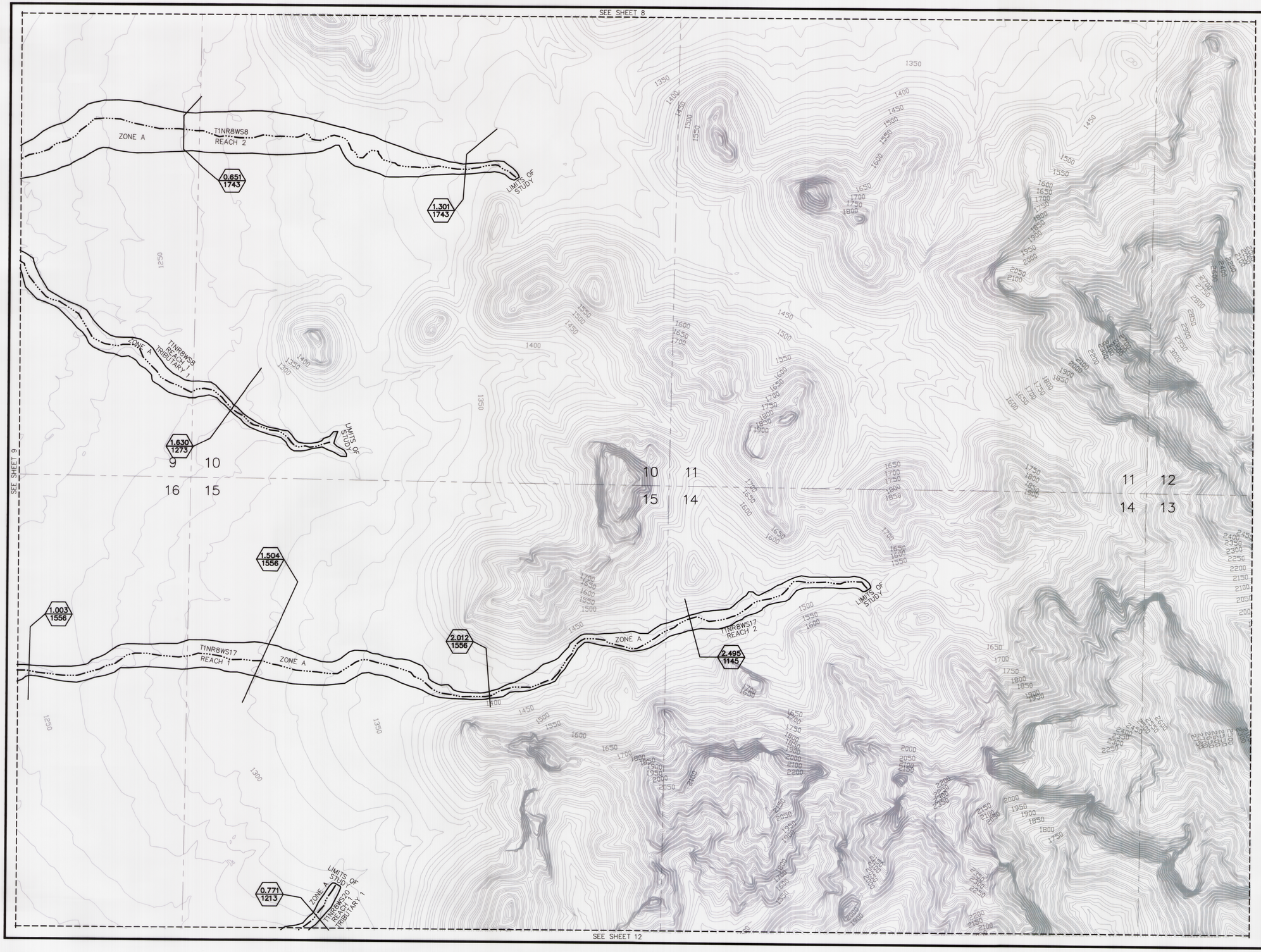
602-405-1875
Fax 602-288-5781

31474 JOE R. GONZALEZ, Date Signed

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S): 1" = 500'
ORIGINAL PLAN DATE: DEC/2005
LATEST REVISION: FEB/2006
PROJECT NUMBER: RBF05001
SHEET NO. 10 OF 12 SHEETS



LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
- ZONE DESIGNATIONS — ZONE A
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F.C.D. CONTRACT NO. 2003C061

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Fax 602-288-5781

REGISTERED PROFESSIONAL ENGINEER 31474 JOE R. GONZALEZ 2/10/06 ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S): 1" = 500'
ORIGINAL PLAN DATE: DEC/2005
LATEST REVISION: FEB/2006
PROJECT NUMBER: RBF05001
SHEET NO. 10 OF 12 SHEETS

LEGEND

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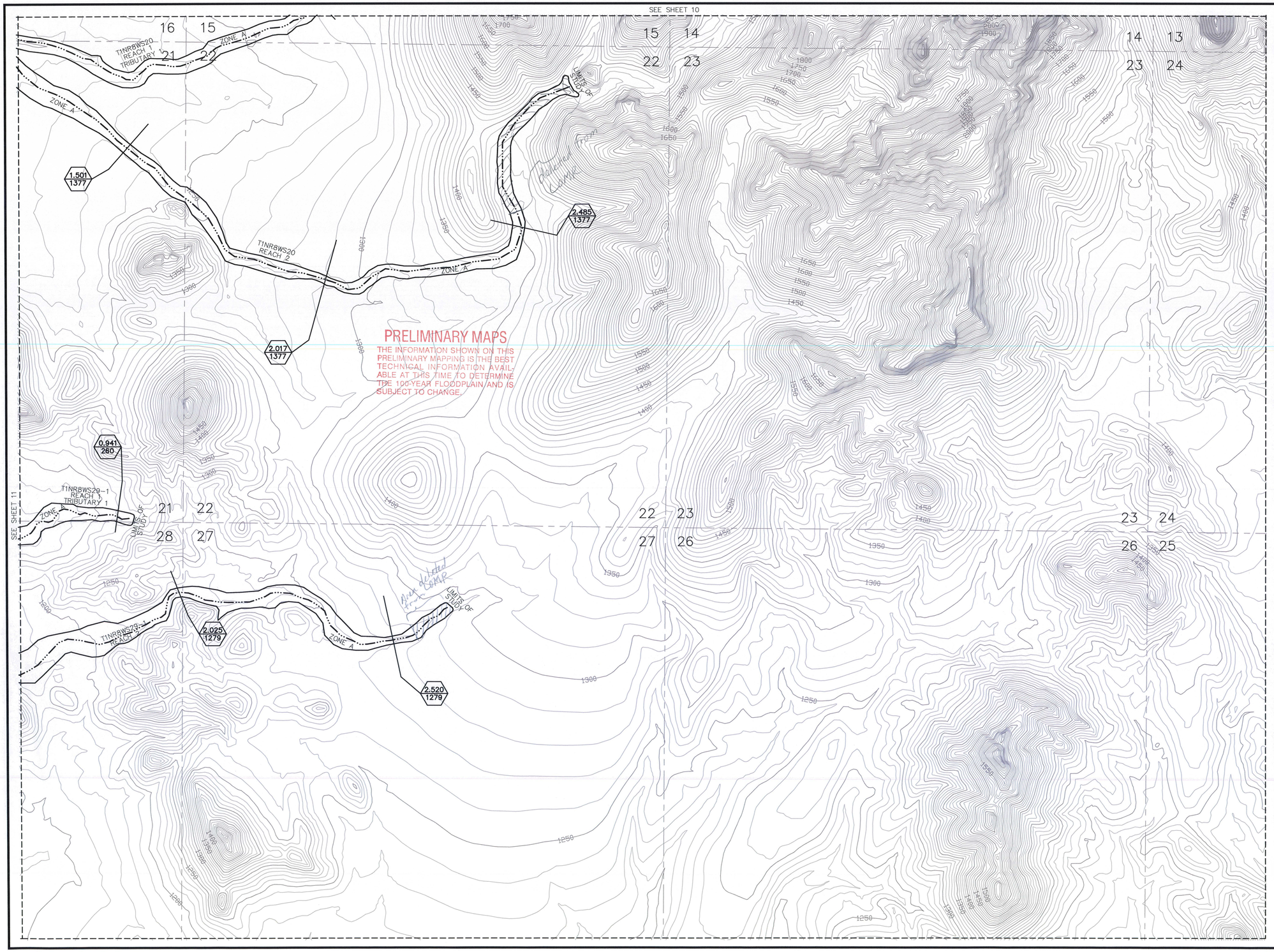
31474 JOE R. GONZALEZ — ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 11 OF 12 SHEETS



LEGEND

- THALWEG
- CENTENNIAL WASH THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
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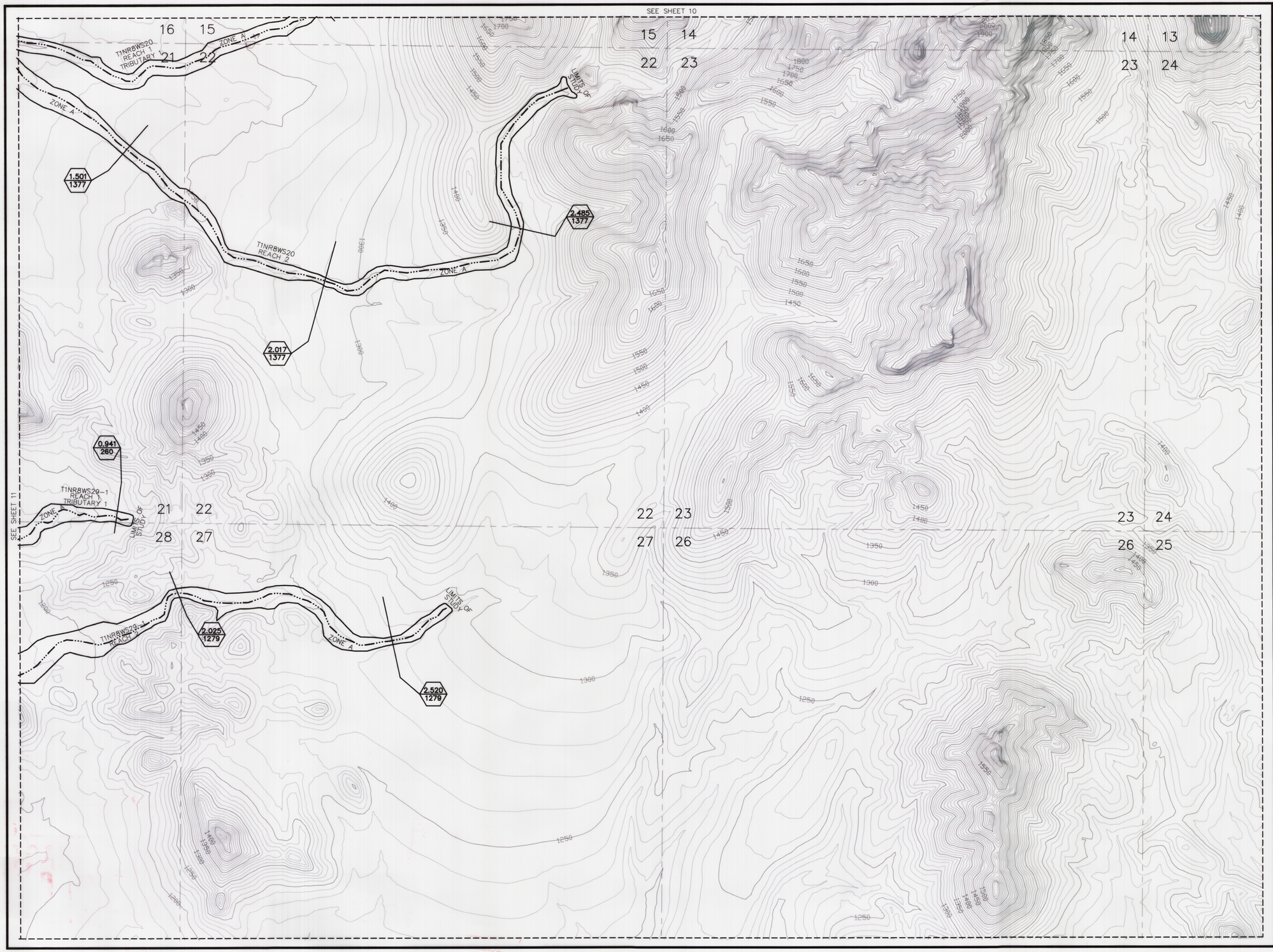
31474 JOE R. GONZALEZ — Registered Professional Engineer — ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	DEC/2005
LATEST REVISION	FEB/2006
PROJECT NUMBER	RBF05001

SHEET NO. 12 OF 12 SHEETS



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31474 JOE R. GONZALEZ 2/10/06 REGISTERED PROFESSIONAL ENGINEER (CIVIL) ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
JRG	NZ	PTG

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SHEET NO. 12 OF 12 SHEETS