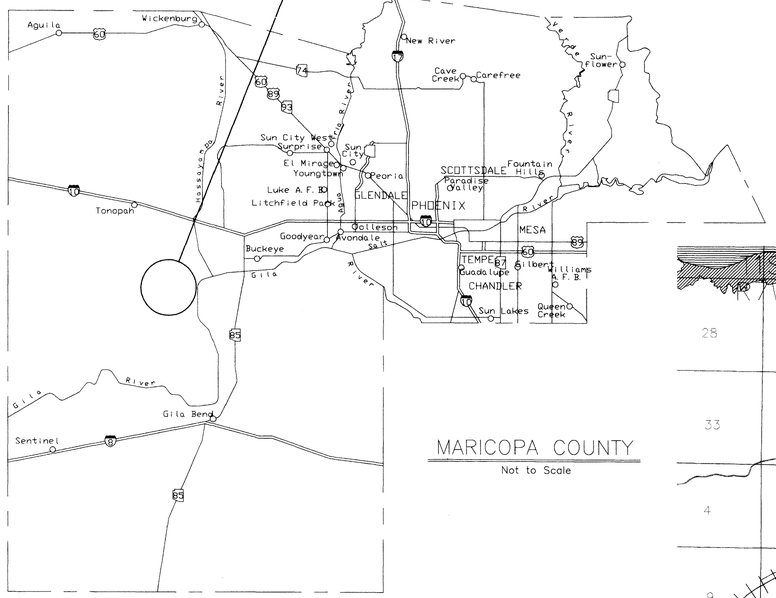
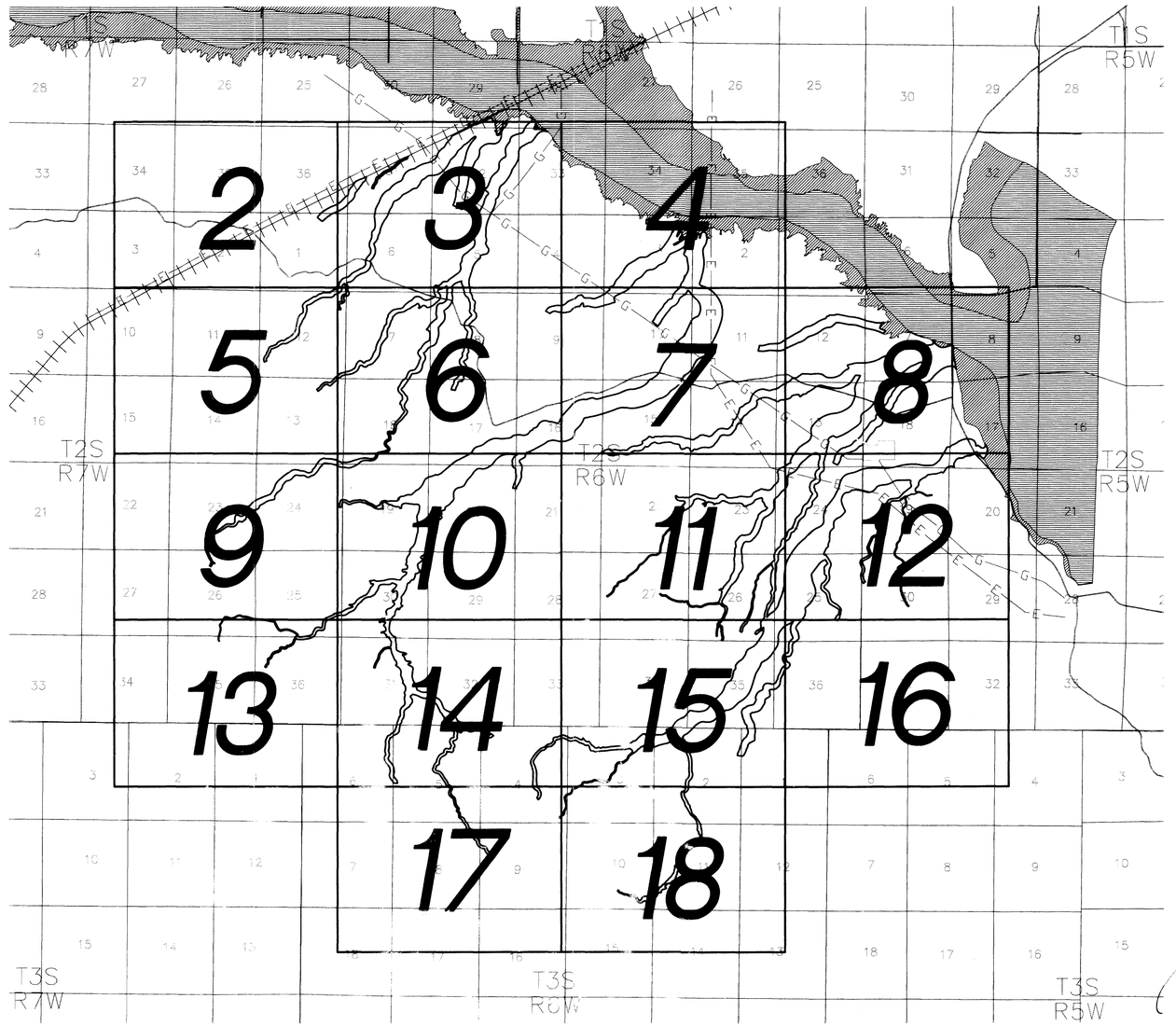
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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

PROJECT LOCATION



MARICOPA COUNTY
Not to Scale



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

Flood Control District of Maricopa County

H:\PDATA\45101952\CADD\STORMWATER\PHASE_01\WORK SAVED\PHASE_1_SHEETS\952FDS_01.DWG AZAMARRIPA 7/27/05 5:21 pm

LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- EXISTING CENTENNIAL WASH FLOODWAY
- EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
- RAILROAD
- ROAD
- EL PASO NATURAL GAS LINE —G—G—
- POWER LINE —E—E—

HYDROLOGY & HYDRAULICS

RBF CONSULTING
16605 N 28TH AVENUE, SUITE 100
PHOENIX, ARIZONA, 85053
(602)467-2200

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 2-18 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.

THERE IS A FLOW SPLIT OF 423 cfs ON SHEETS 11 AND 15. SEE SECTION 5.7, TABLE 5.2 OR APPENDIX D.5 OF TDN FOR MORE DETAIL.

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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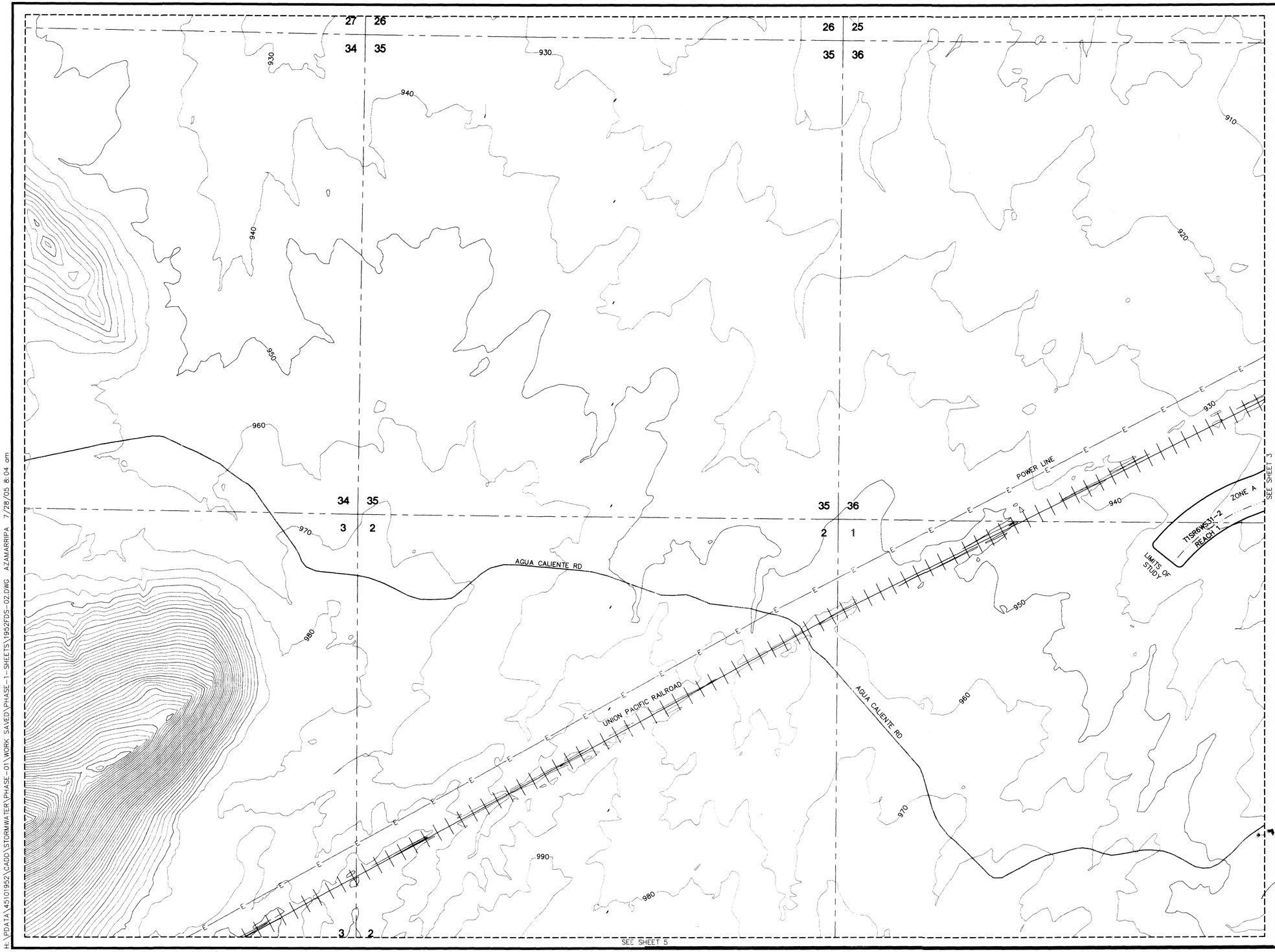
CERTIFICATE NO. 39722 PAUL SCLAFANI

LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S) 1" = 4000'
ORIGINAL PLAN DATE MAY/2005
LATEST REVISION
PROJECT NUMBER 45101952
SHEET NO. 1 OF 18 SHEETS

Lower Centennial Watershed Phase I,
Zone A FDS
RBF Consult. for FCD
Year of Study: 2005
Year Flown: 2000

FCD 2003C061
Drawer: 303



LEGEND

- 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) 1,152
- RAILROAD
- ROAD
- POWER LINE — E — E — E —

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	
13	14	15	16	
	17	18		

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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Registered Professional Engineer — CERTIFICATE NO. 39722 — PAUL SOLAPANIUK — ARIZONA U.S.A.

LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

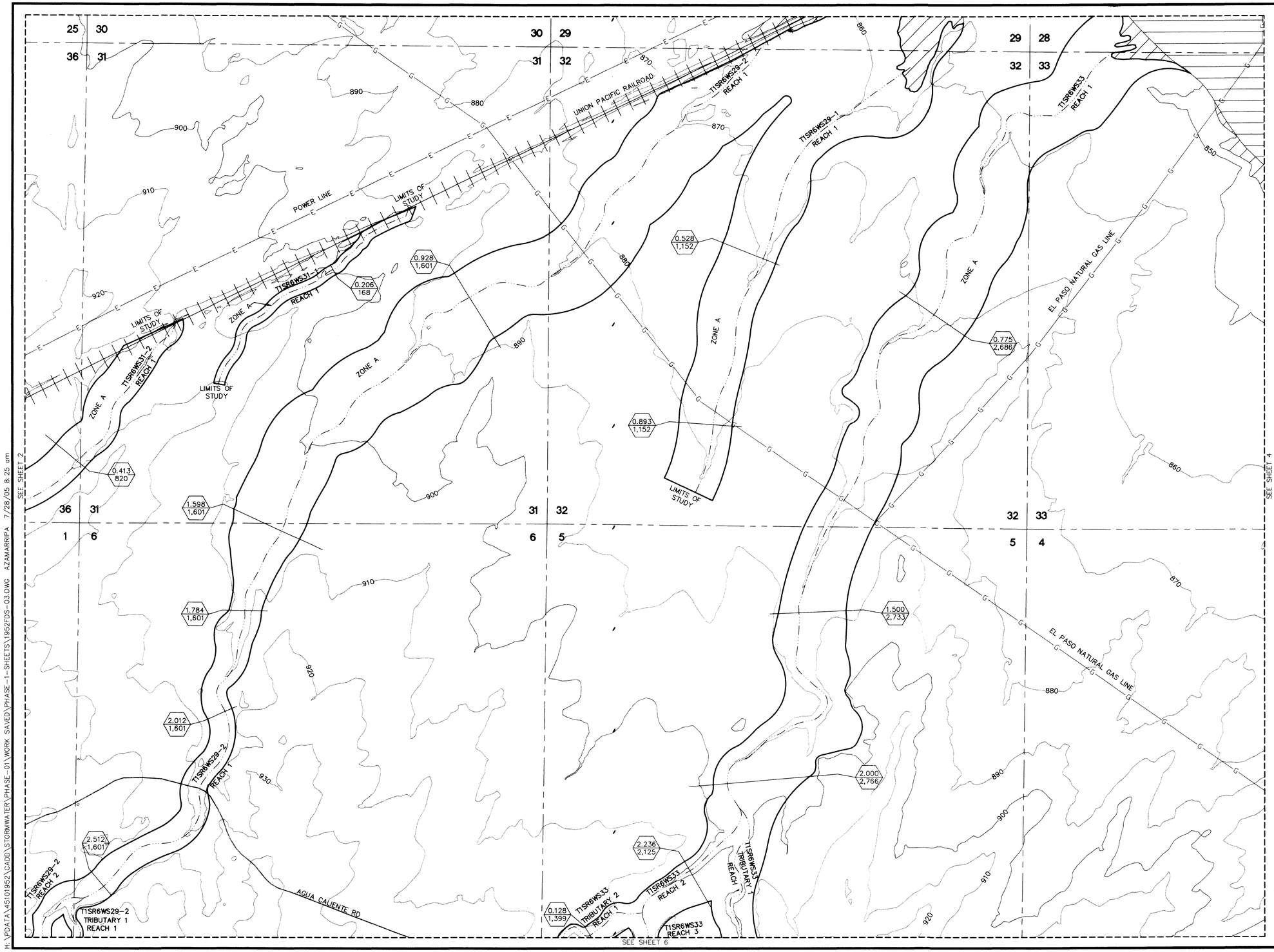
ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 2 OF 18 SHEETS

H:\PDATA\45101952\CADD\STORMWATER\PHASE-01\WORK SAVED\PHASE-1-SHEETS\1952FDS-02.DWG AZAMARRIPA 7/28/05 8:04 am



LEGEND

- THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
- ZONE DESIGNATIONS — ZONE A
- CROSS SECTION — STATION RIVER MILE / REGULATORY DISCHARGE (cfs) — 0.528 / 1,152
- EXISTING CENTENNIAL WASH FLOODWAY
- EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
- RAILROAD
- ROAD
- EL PASO NATURAL GAS LINE
- POWER LINE

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
13	14	15 16
	17	18

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 3 OF 18 SHEETS

REGISTERED PROFESSIONAL ENGINEER
39722
PAUL SOLAFANI
CERTIFICATE NO.
ARIZONA U.S.A.

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28 27 | 27 26 | 26 25
33 34 | 34 35 | 35 36

EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN

EXISTING CENTENNIAL WASH FLOODWAY

EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN

33 34 | 34 35 | 35 36
4 3 | 3 2 | 2 1

850 840 860 870 880 820 830 840

EL PASO NATURAL GAS LINE

T2SR6WS3 REACH 1

ZONE A

ZONE A

T2SR6WS2 REACH 1

POWER LINE

0.500 1,602

0.480 5,926

0.975 1,602

T2SR6WS2 TRIBUTARY 1 REACH

T2SR6WS2 REACH 2

SEE SHEET 3

SEE SHEET 7

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LEGEND

- 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) 1,152
- EXISTING CENTENNIAL WASH FLOODWAY
- EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
- EL PASO NATURAL GAS LINE —G—G—G—
- POWER LINE —E—E—E—

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
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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CERTIFICATE NO. 36722 PAUL SCLAFANI

LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

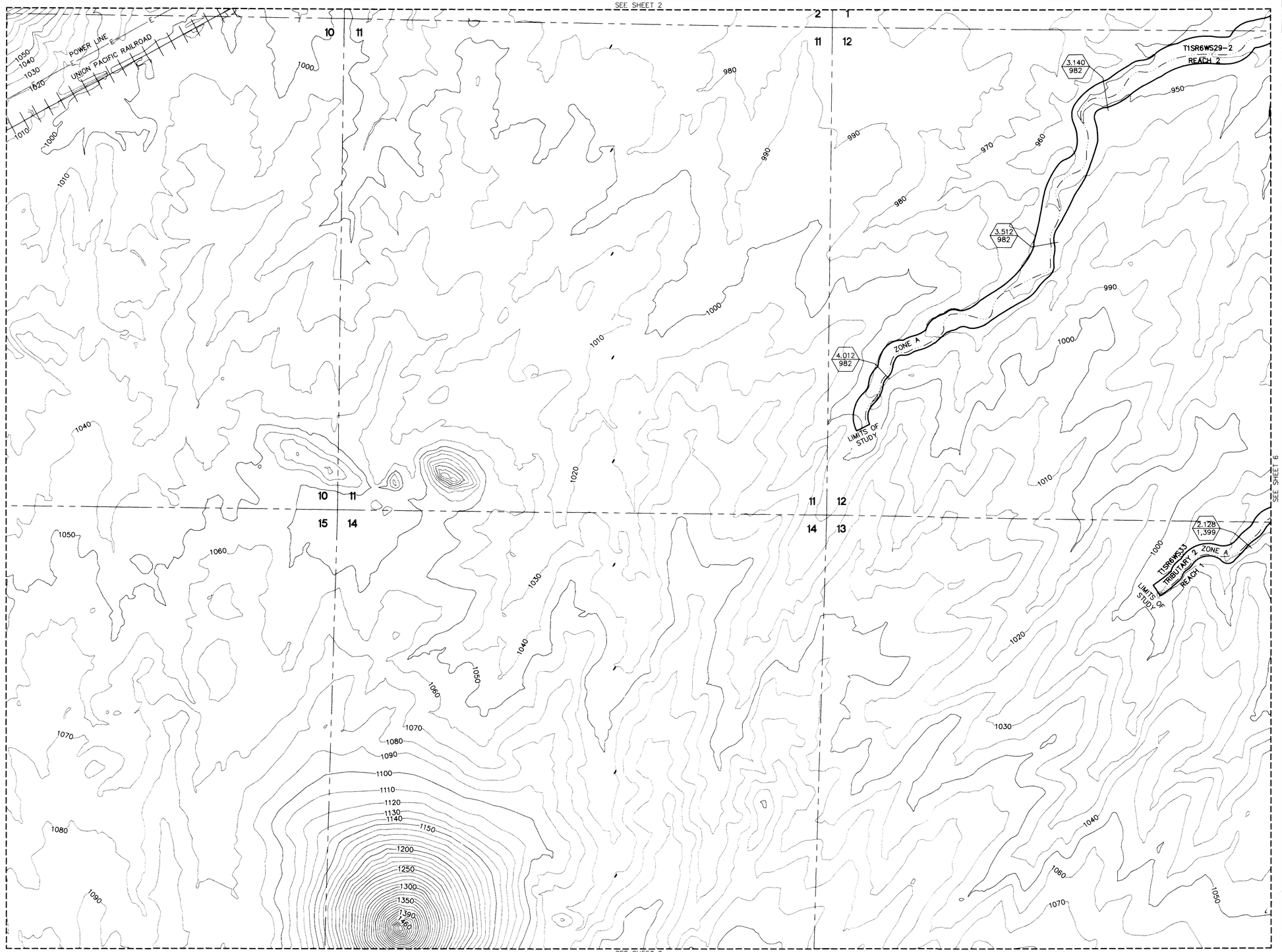
DRAWING SCALE(S) 1" = 500'

ORIGINAL PLAN DATE MAY/2005

LATEST REVISION

PROJECT NUMBER 45101952

SHEET NO. 4 OF 18 SHEETS



LEGEND

- 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) 1,152
- RAILROAD
- POWER LINE

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
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 5 OF 18 SHEETS

98722 PAUL SCLAFANI REGISTERED LAND SURVEYOR ARIZONA U.S.A.

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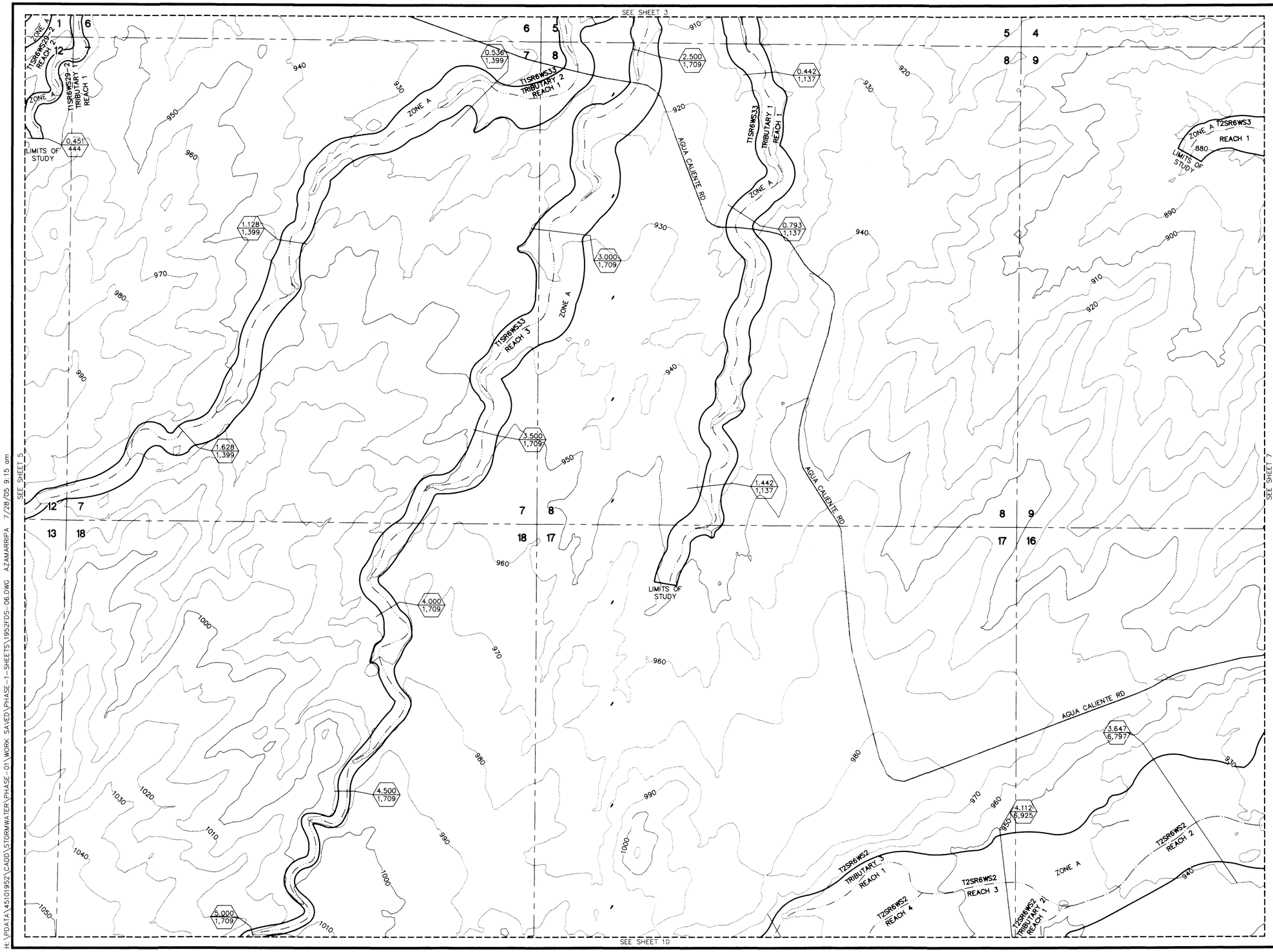

LEGEND

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) 1,152
ROAD

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
13	14	15	16
	17	18	

500' 0' 500' 1000'
SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S) 1" = 500'
ORIGINAL PLAN DATE MAY/2005
LATEST REVISION
PROJECT NUMBER 45101952
SHEET NO. 6 OF 18 SHEETS

39722 PAUL SOLAFANI

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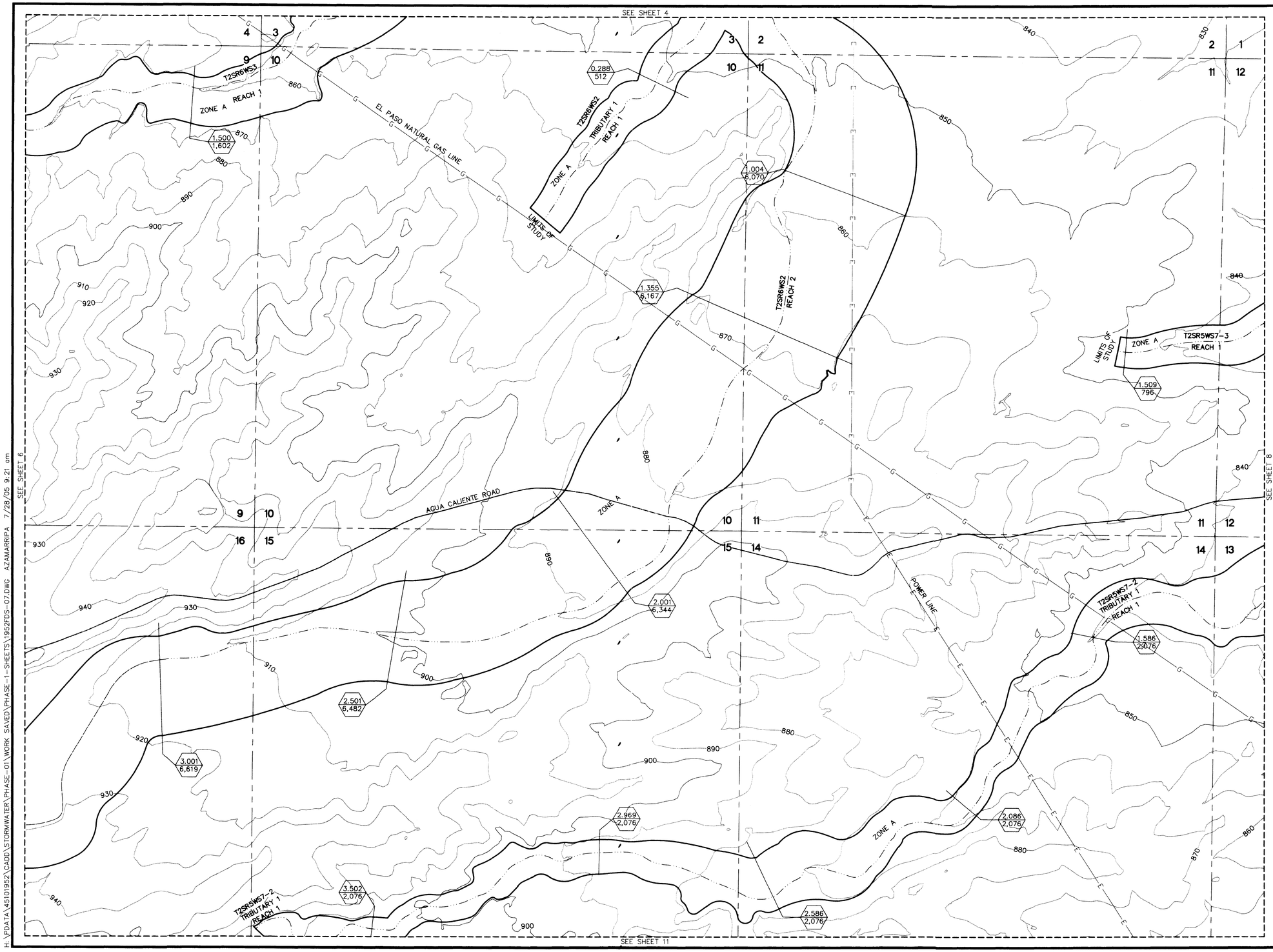

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LEGEND

- 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) 1,152
- ROAD
- EL PASO NATURAL GAS LINE —G—G—G—
- POWER LINE —E—E—E—

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
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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CERTIFICATE NO. 39722 PAUL SCLAFANI

LAYOUT	DRAFTED	CHECKED
NEF	FBW	PS

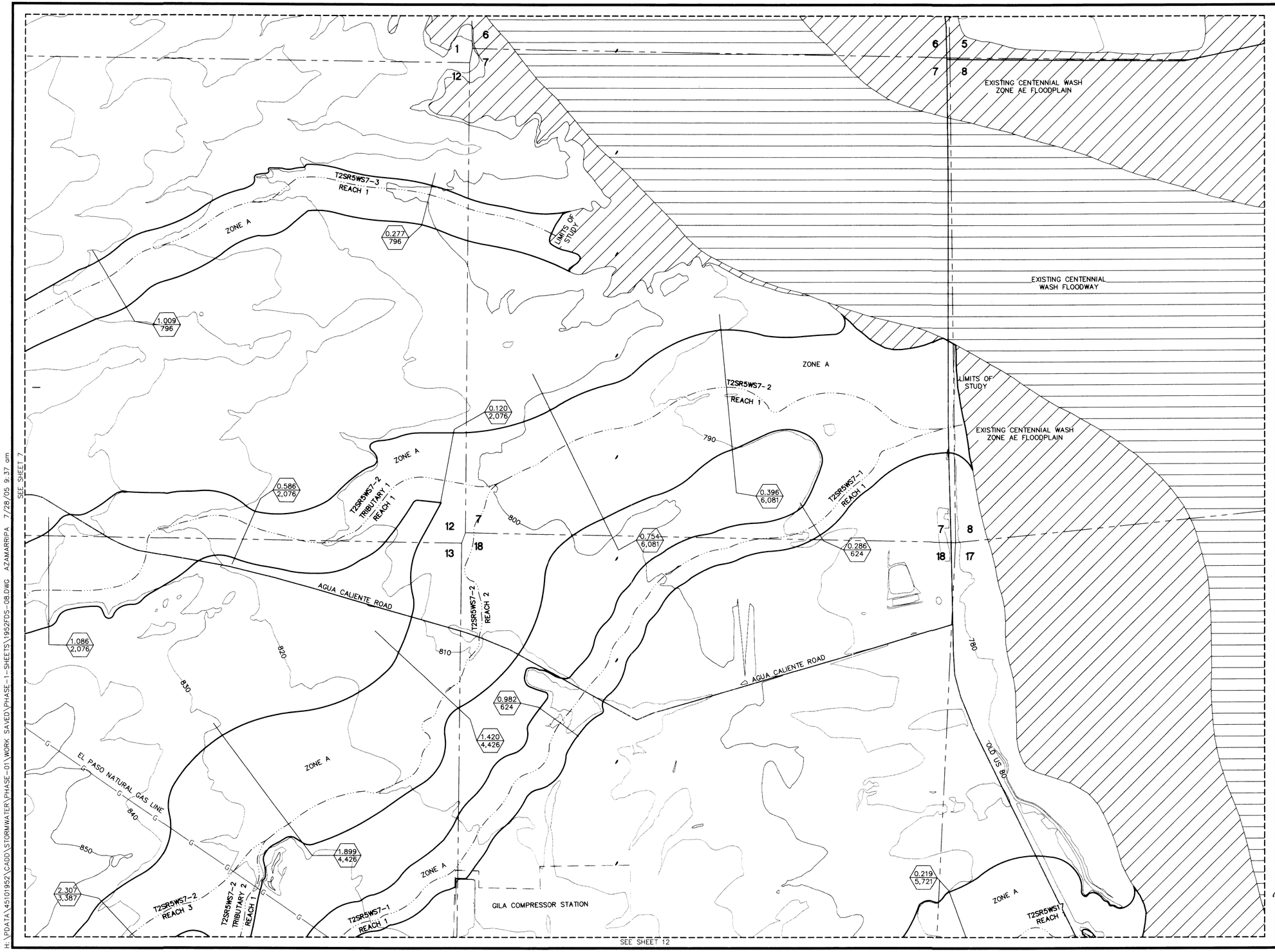
DRAWING SCALE(S) 1" = 500'

ORIGINAL PLAN DATE MAY/2005

LATEST REVISION

PROJECT NUMBER 45101952

SHEET NO. 7 OF 18 SHEETS



LEGEND

- 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) 1,152
- EXISTING CENTENNIAL WASH FLOODWAY
- EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
- ROAD
- EL PASO NATURAL GAS LINE
- GILA COMPRESSOR STATION

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
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 8 OF 18 SHEETS

REGISTERED LAND SURVEYOR 38722 PAUL SCLAFANI

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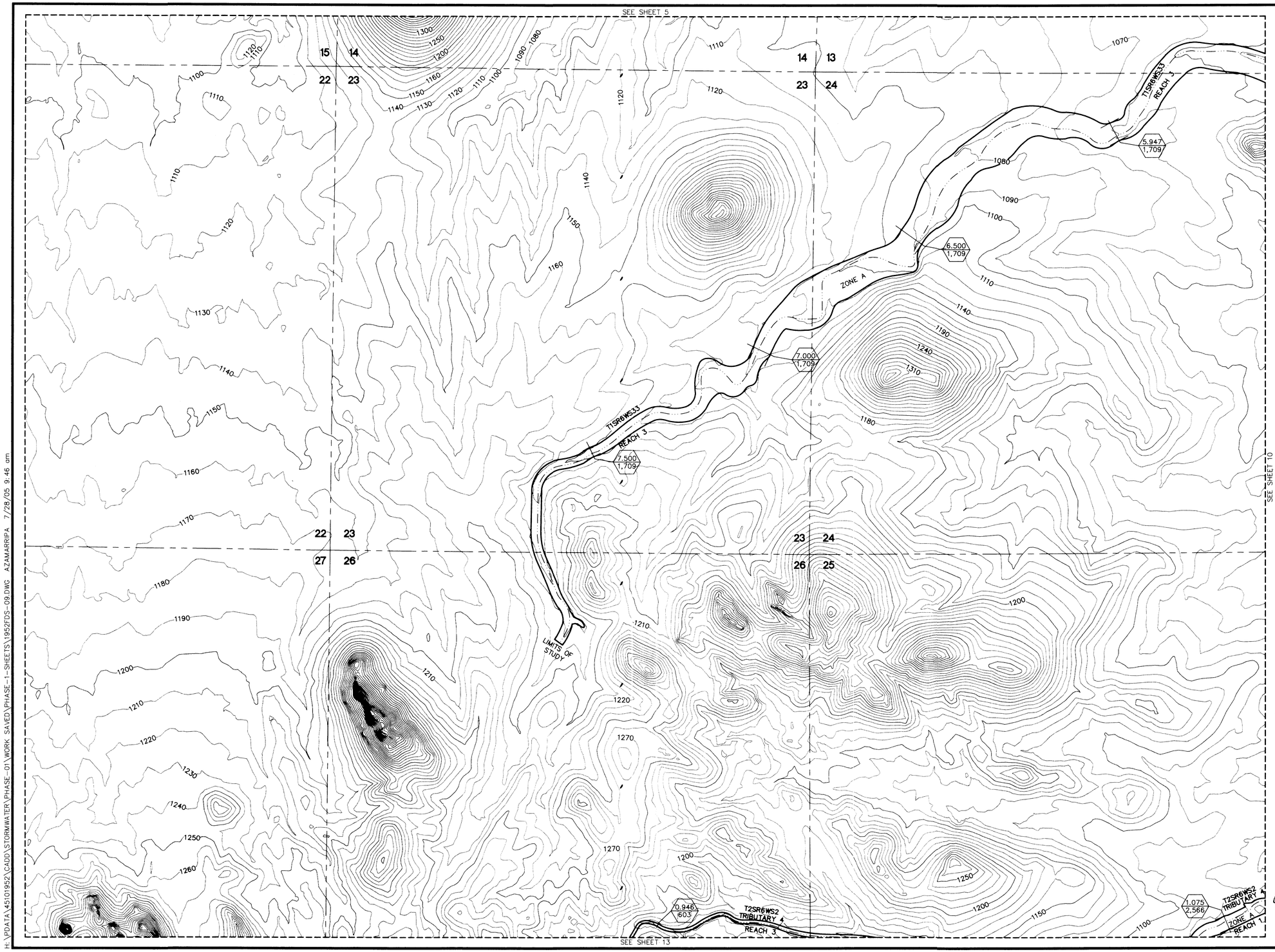

LEGEND

- THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS 32
- ZONE DESIGNATIONS ZONE A
- CROSS SECTION — STATION RIVER MILE / REGULATORY DISCHARGE (cfs) 0.528 / 1,152

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
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 9 OF 18 SHEETS

86722 PAUL SOLAFANI

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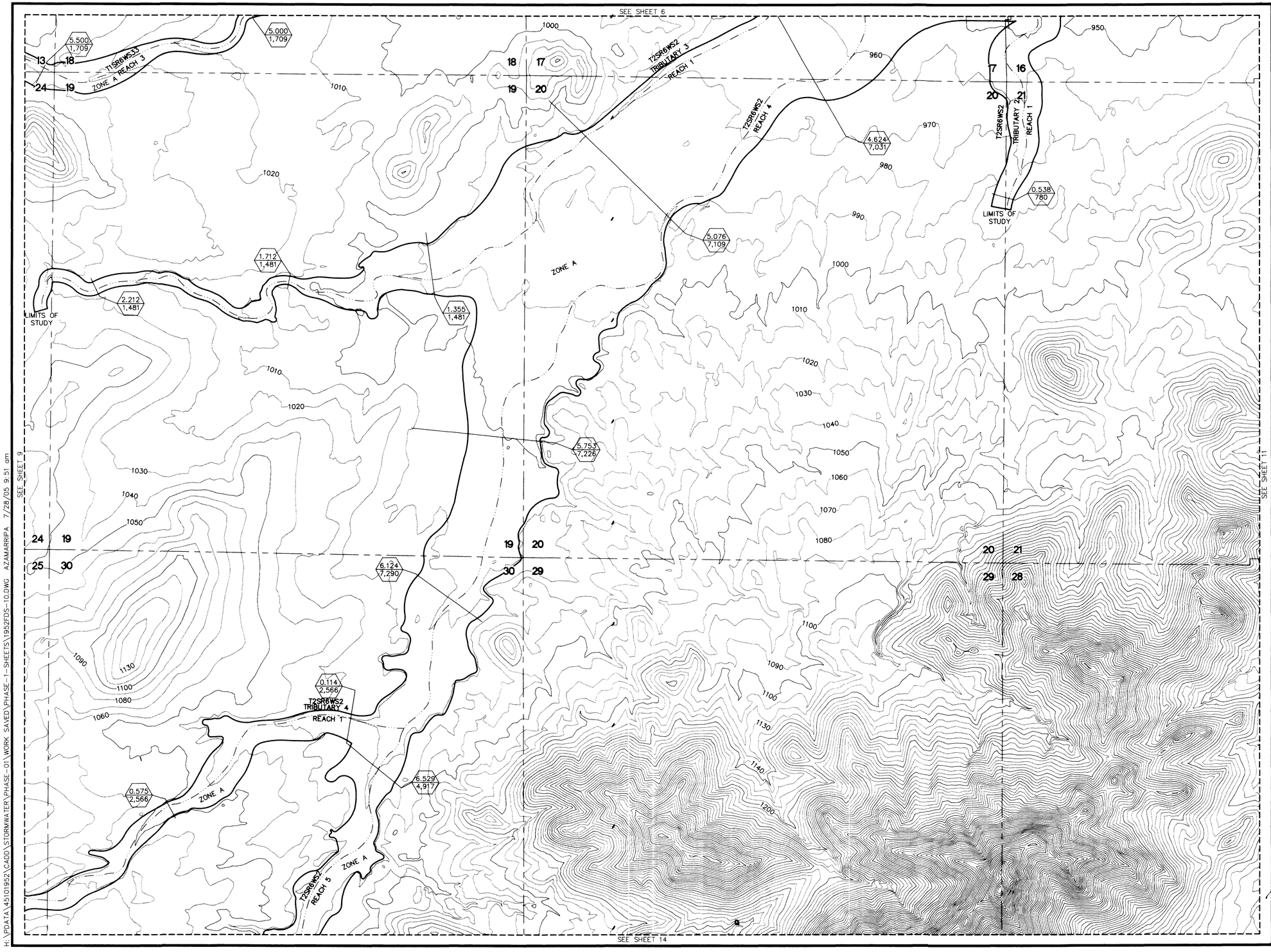

LEGEND

- 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) 1,152

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
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 10 OF 18 SHEETS

PROFESSIONAL ENGINEER 39722 PAUL SOLAFANI ARIZONA U.S.A.

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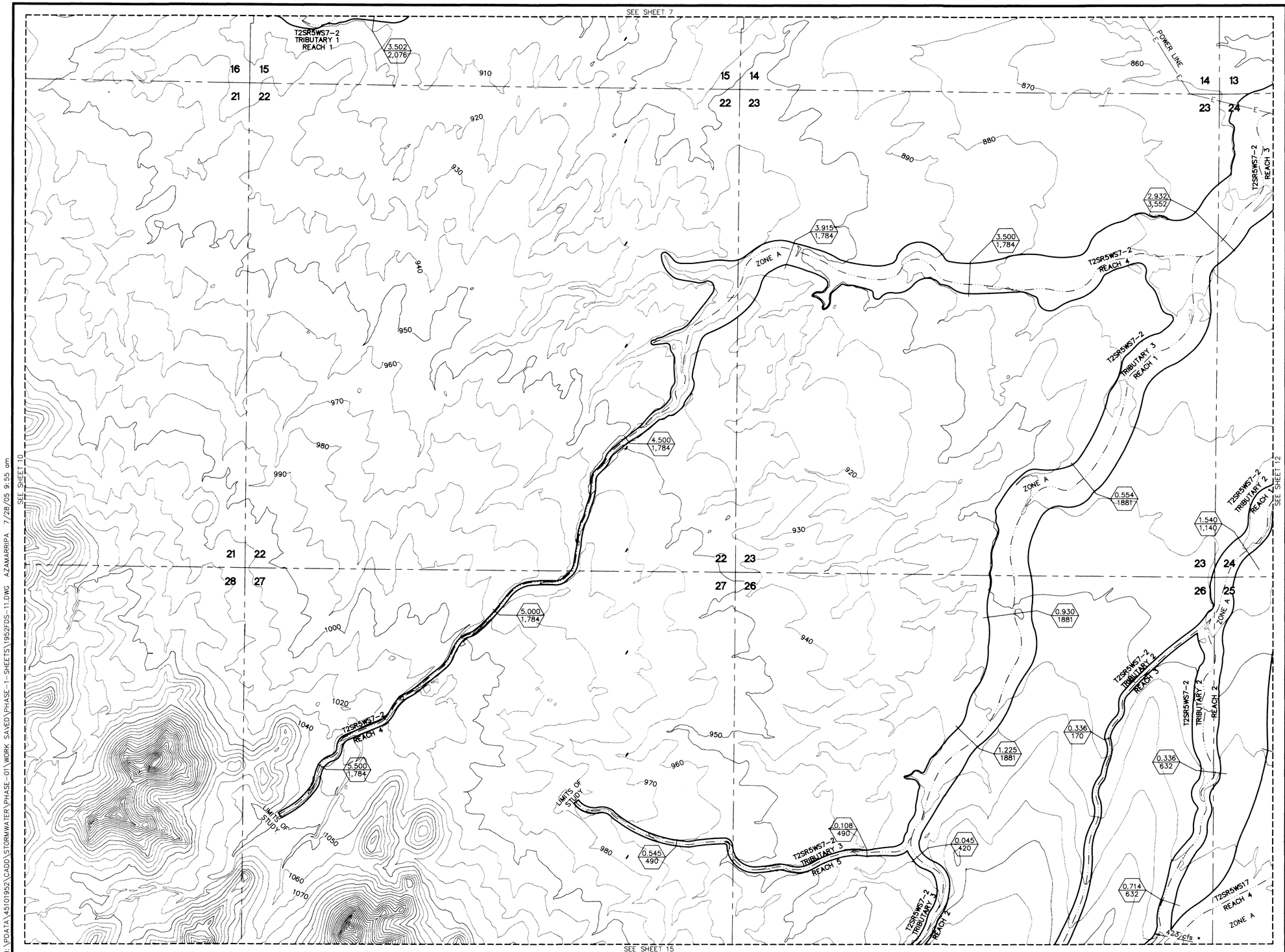

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LEGEND

- THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
- ZONE DESIGNATIONS — ZONE A
- CROSS SECTION — STATION RIVER MILE / REGULATORY DISCHARGE (cfs) — 0.528 / 1,152
- POWER LINE

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.

* HYDRAULIC FLOW SPLIT OF 423 cfs (SEE SECTION 5.7 AND APPENDIX D.5 OF THE TDN)

2	3	4	
5	6	7	8
9	10	11	12
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE
		REVISIONS		

LOWER CENTENNIAL WATERSHED
PHASE I – ZONE A
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F.C.D. CONTRACT NO. 2003C061

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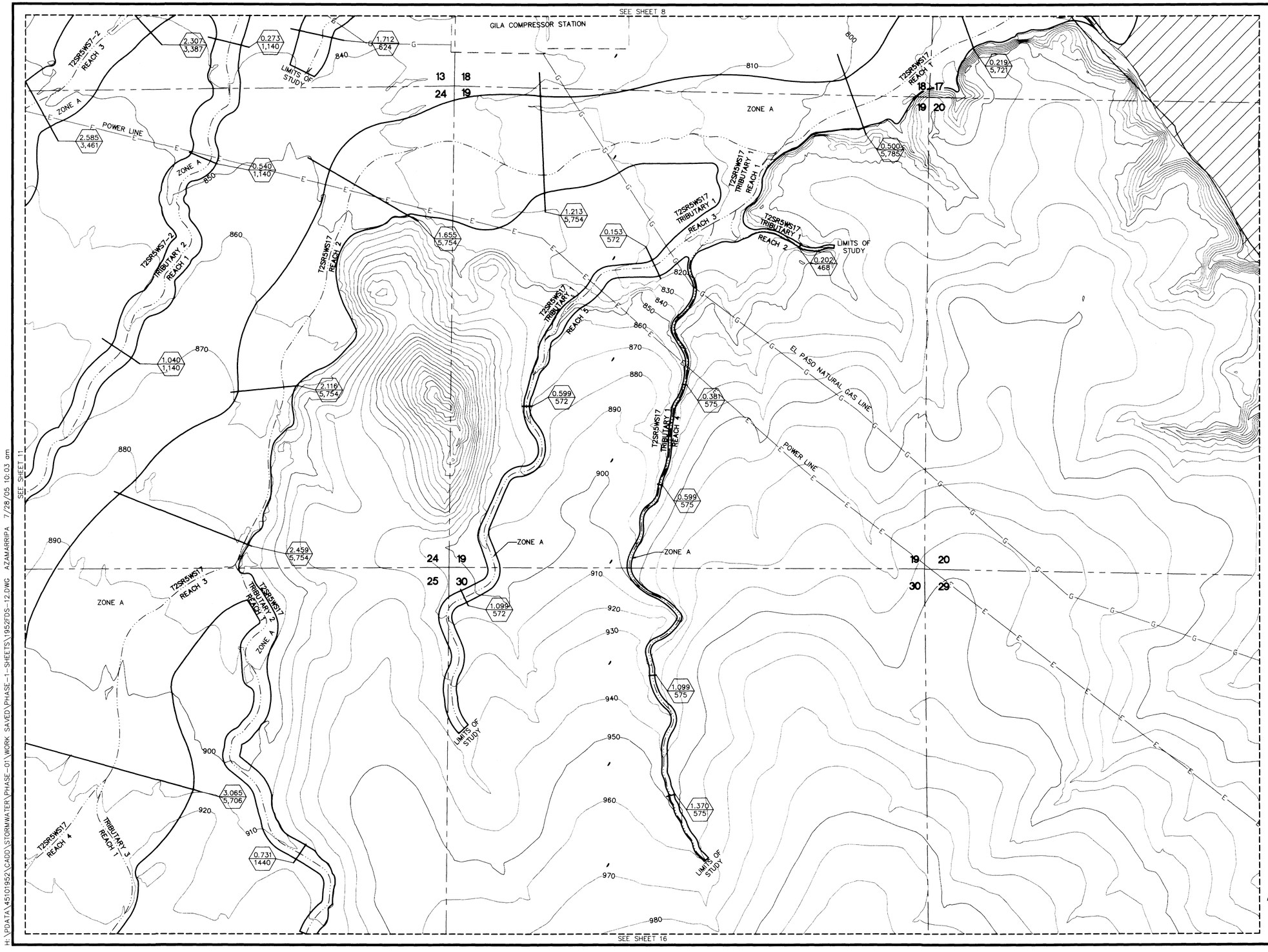
LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

REGISTERED PROFESSIONAL ENGINEER 39722 PAUL SOLAFANI ARIZONA U.S.A.

DRAWING SCALE(S)	1" = 500'
ORIGINAL PLAN DATE	MAY/2005
LATEST REVISION	
PROJECT NUMBER	45101952
SHEET NO.	11 OF 18 SHEETS



LEGEND

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) 1,152
EXISTING CENTENNIAL WASH ZONE AE FLOODPLAIN
EL PASO NATURAL GAS LINE —G—G—G—
POWER LINE —E—E—E—
GILA COMPRESSOR STATION

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
13	14	15	16
	17	18	

500' 0' 500' 1000'
SCALE: 1 INCH = 500 FEET
FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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PLANNING ■ DESIGN ■ CONSTRUCTION
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PHOENIX, ARIZONA 85053-7550
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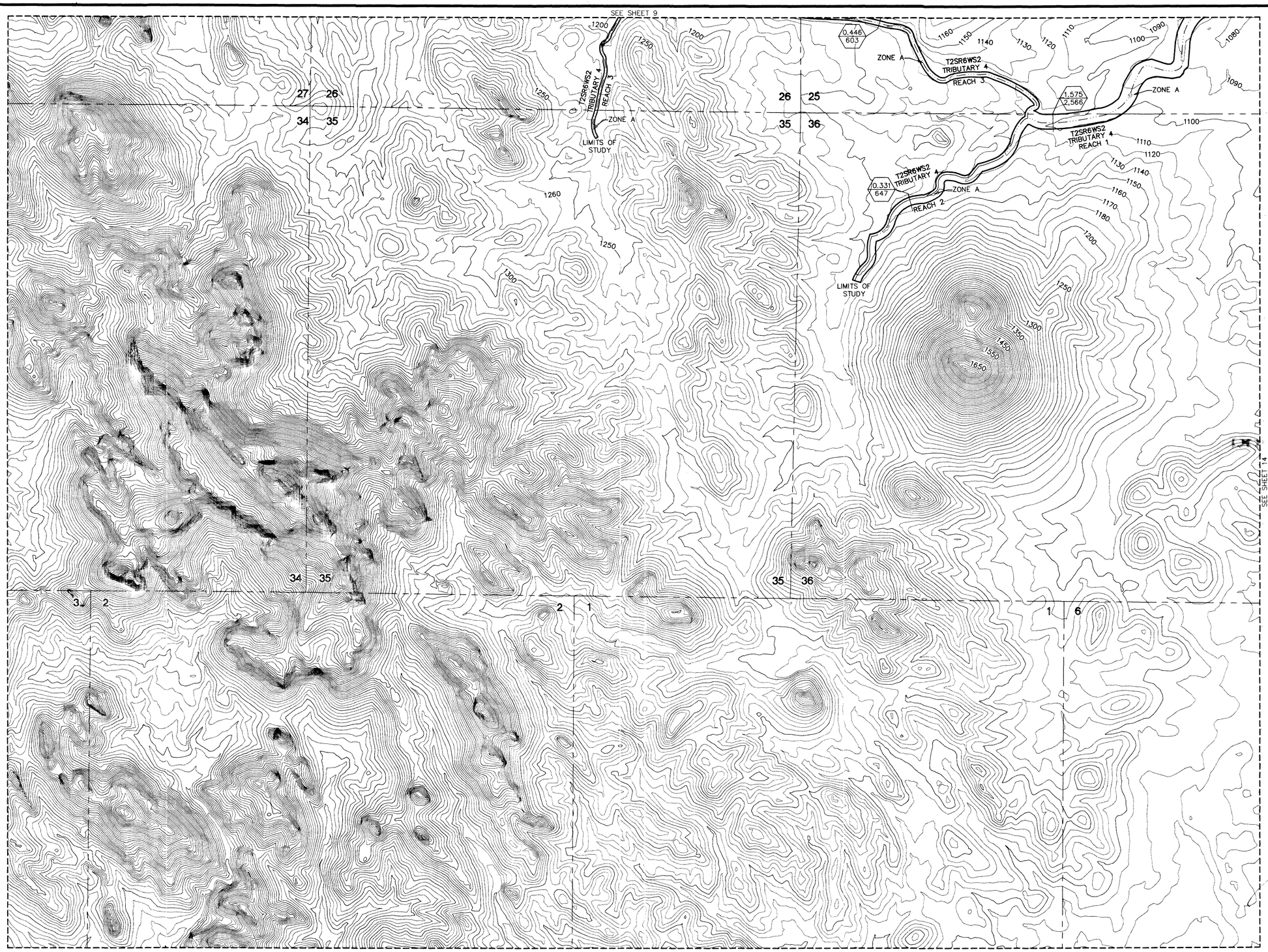
LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S) 1" = 500'
ORIGINAL PLAN DATE MAY/2005
LATEST REVISION
PROJECT NUMBER 45101952
SHEET NO. 12 OF 18 SHEETS

39722 PAUL SCLAFANI

H:\PDATA\45101952\CADD\STORMWATER\PHASE-01\WORK SAVED\PHASE-1-SHEETS\1952FDS-12.DWG AZAMARRIPA 7/28/05 10:03 am



LEGEND

THALWEG

100-YR FLOODPLAIN BOUNDARY

SECTION LINE

MATCH LINE

SECTION NUMBERS 32

ZONE DESIGNATIONS ZONE A

STATION RIVER MILE

CROSS SECTION 0.528

REGULATORY DISCHARGE (cfs) 1,152

NOTES

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2	3	4	
5	6	7	8
9	10	11	12
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE:

DECEMBER 17, 2000

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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Registered Professional Engineer (Civil)
CERTIFICATE NO. 39722
PAUL SCLAFANI
Date Signed 7/28/05
ARIZONA, U.S.A.

LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S) 1" = 500'

ORIGINAL PLAN DATE MAY/2005

LATEST REVISION

PROJECT NUMBER 45101952

SHEET NO. 13 OF 18 SHEETS

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SEE SHEET 10

SEE SHEET 13

SEE SHEET 15

SEE SHEET 17

7.001
4,917

T2SR6WS2 REACH 5

7.301
4,917

T2SR6WS2 TRIBUTARY 5 REACH 1

0.224
503

LIMITS OF STUDY

ZONE A

T2SR6WS2 REACH 6

7.822
4,917

8.178
2,643

T2SR6WS2 REACH 7

0.237
1,760

T2SR6WS2 TRIBUTARY 6 REACH 1

0.597
1,760

1.226
1,760

LIMITS OF STUDY

8.701
1,051

T2SR6WS2 TRIBUTARY 7 REACH 1

0.539
557

LIMITS OF STUDY

9.149
1,051

T2SR6WS2 REACH 8

9.435
1,051

1.284
1,696

T2SR5WS17 TRIBUTARY 4 REACH 3

1.784
1,696

LEGEND

THALWEG

100-YR FLOODPLAIN BOUNDARY

SECTION LINE

MATCH LINE

SECTION NUMBERS 32

ZONE DESIGNATIONS ZONE A

STATION RIVER MILE — 0.528
CROSS SECTION
REGULATORY DISCHARGE (cfs) — 1,152

NOTES

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2	3	4	
5	6	7	8
9	10	11	12
13	14	15	16
	17	18	

500' 0' 500' 1000'

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

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 14 OF 18 SHEETS

REGISTERED LAND SURVEYOR
39722
PAUL SCLAFANI
7/28/05

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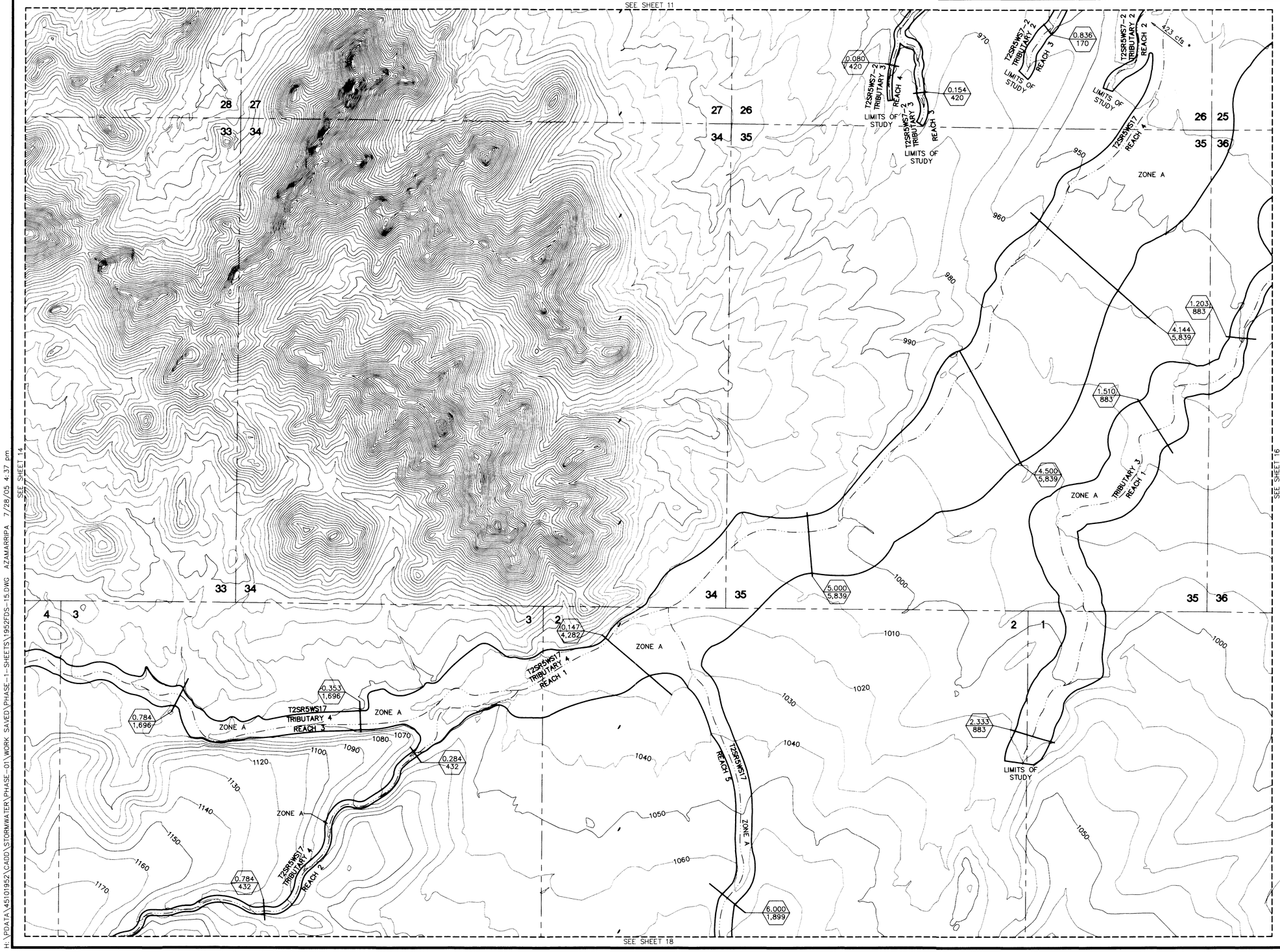

LEGEND

THALWEG

100-YR FLOODPLAIN BOUNDARY

SECTION LINE

MATCH LINE

SECTION NUMBERS 32

ZONE DESIGNATIONS ZONE A

STATION RIVER MILE — 0.528

CROSS SECTION

REGULATORY DISCHARGE (cfs) — 1,152

NOTES

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* HYDRAULIC FLOW SPLIT OF 423 cfs (SEE SECTION 5.7 AND APPENDIX D.5 OF THE TDN)

2	3	4	
5	6	7	8
9	10	11	12
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE:
DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S) 1" = 500'

ORIGINAL PLAN DATE MAY/2005

LATEST REVISION

PROJECT NUMBER 45101952

SHEET NO. 15 OF 18 SHEETS

CERTIFICATE NO. 39722 PAUL SOLAFANI

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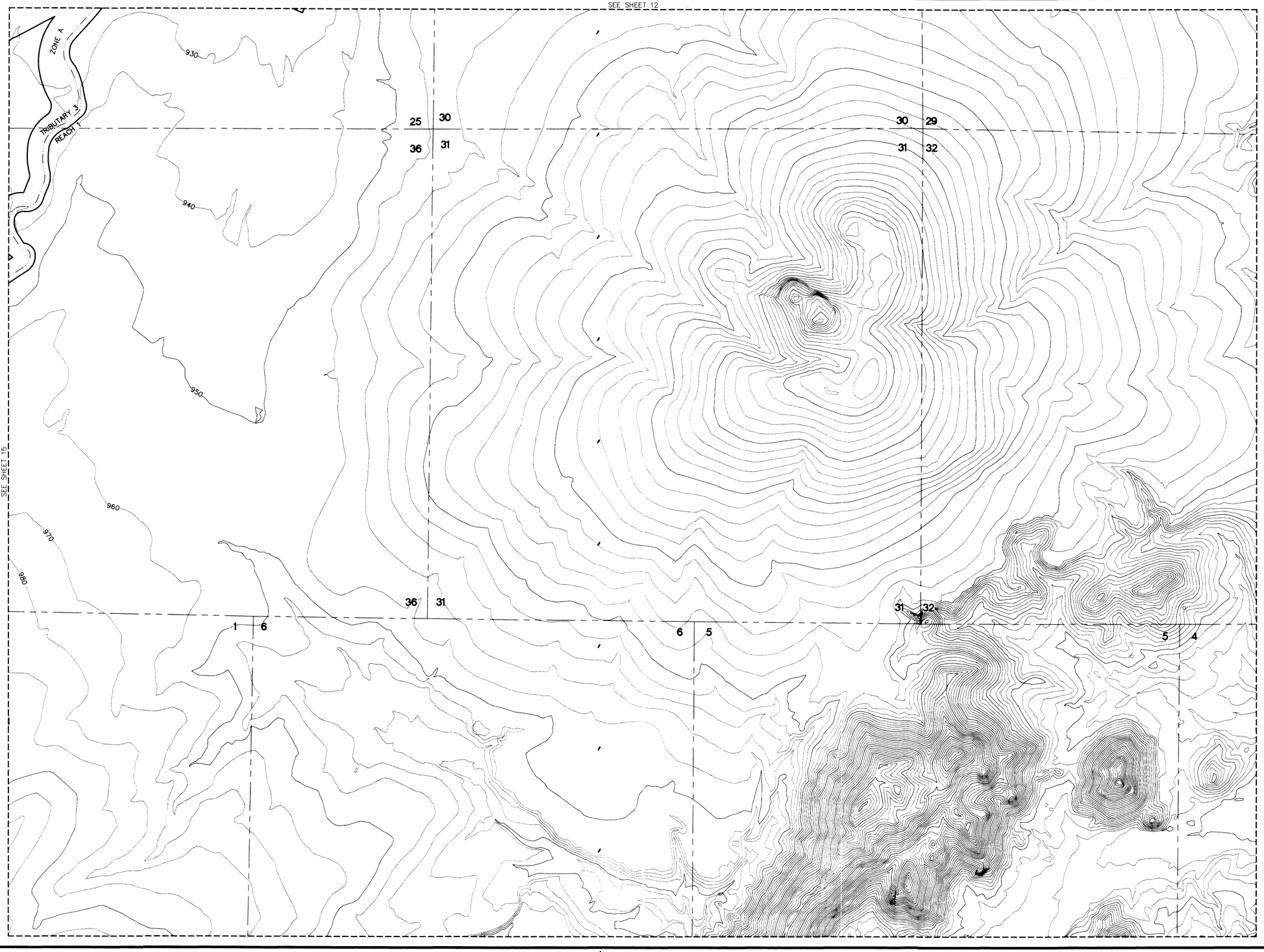

LEGEND

THALWEG

100-YR FLOODPLAIN BOUNDARY

SECTION LINE

MATCH LINE

SECTION NUMBERS 32

ZONE DESIGNATIONS ZONE A

STATION RIVER MILE

CROSS SECTION 0.528

REGULATORY DISCHARGE (cfs) 1,152

NOTES

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2	3	4	
5	6	7	8
9	10	11	12
13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE:
DECEMBER 17, 2000

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S) 1" = 500'

ORIGINAL PLAN DATE MAY/2005

LATEST REVISION

PROJECT NUMBER 45101952

SHEET NO. 16 OF 18 SHEETS

Registered Professional Engineer
CERTIFICATE NO. 39722
PAUL SCLAFANI
ARIZONA, U.S.A.
7/28/05

H:\PDATA\45101952\CADD\STORMWATER\PHASE-01\WORK SAVED\PHASE-1-SHEETS\1952FDS-16.DWG AZAMARRIPA 7/28/05 11:07 am

SEE SHEET 14

SEE SHEET 18

T2S R6W S32 REACH 8

T2S R5W S17 TRIBUTARY 4 REACH 3

T2S R5W S17 TRIBUTARY 4 REACH 2

ZONE A

LIMITS OF STUDY

9.932
1,051

10.491
1,051

1160 1170 1180 1190 1200 1210 1220 1230 1240 1250 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1400

6 5 7 8

5 4 8 9

7 8 18 17

8 9 17 16

LEGEND

THALWEG	
100-YR FLOODPLAIN BOUNDARY	
SECTION LINE	
MATCH LINE	
SECTION NUMBERS	32
ZONE DESIGNATIONS	ZONE A
STATION RIVER MILE / CROSS SECTION / REGULATORY DISCHARGE (cfs)	0.528 / 1,152

NOTES

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	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

N

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

LOWER CENTENNIAL WATERSHED
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Registered Professional Engineer CERTIFICATE NO. 39722 PAUL SCLAFANI 7/28/05 ARIZONA, U.S.A.

LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 17 OF 18 SHEETS

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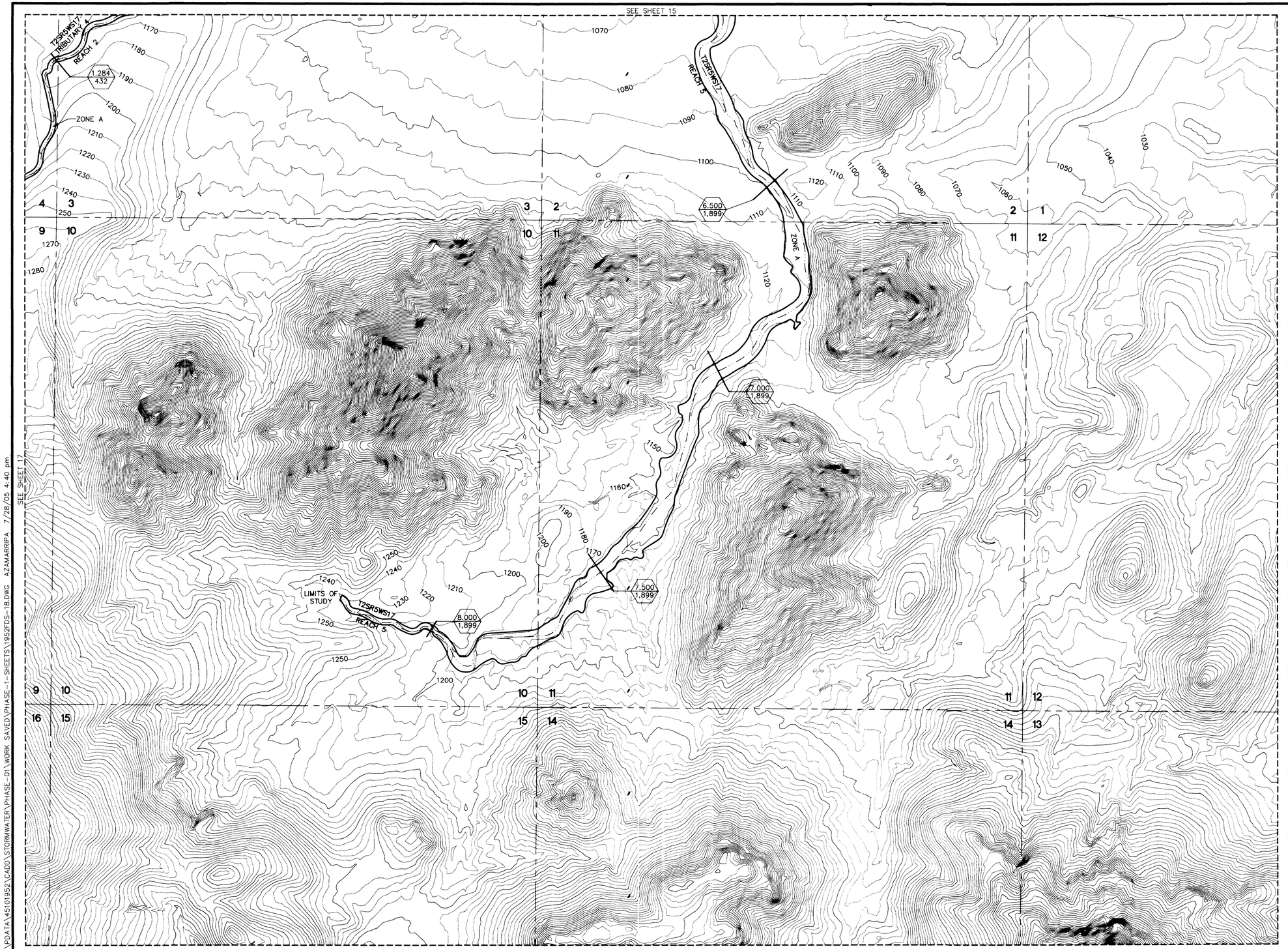

LEGEND

- THALWEG
- 100-YR FLOODPLAIN BOUNDARY
- SECTION LINE
- MATCH LINE
- SECTION NUMBERS — 32
- ZONE DESIGNATIONS — ZONE A
- CROSS SECTION — STATION RIVER MILE / REGULATORY DISCHARGE (cfs) — 0.528 / 1,152

NOTES

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5	6	7	8
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13	14	15	16
	17	18	

500' 0' 500' 1000'

SCALE: 1 INCH = 500 FEET

FLIGHT DATE: DECEMBER 17, 2000

NO.	BY	DESCRIPTION	APP'D	DATE

REVISIONS

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

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LAYOUT	DRAFTED	CHECKED
NEF	ANZ	PS

DRAWING SCALE(S): 1" = 500'

ORIGINAL PLAN DATE: MAY/2005

LATEST REVISION:

PROJECT NUMBER: 45101952

SHEET NO. 18 OF 18 SHEETS

39722 PAUL SOLAFANA 7/28/05

H:\PDATA\45101952\CADD\STORMWATER\PHASE_01\WORK SAVED\PHASE_1-SHEETS\1952PDS-18.DWG AZAMARRIPA 7/28/05 4:40 pm