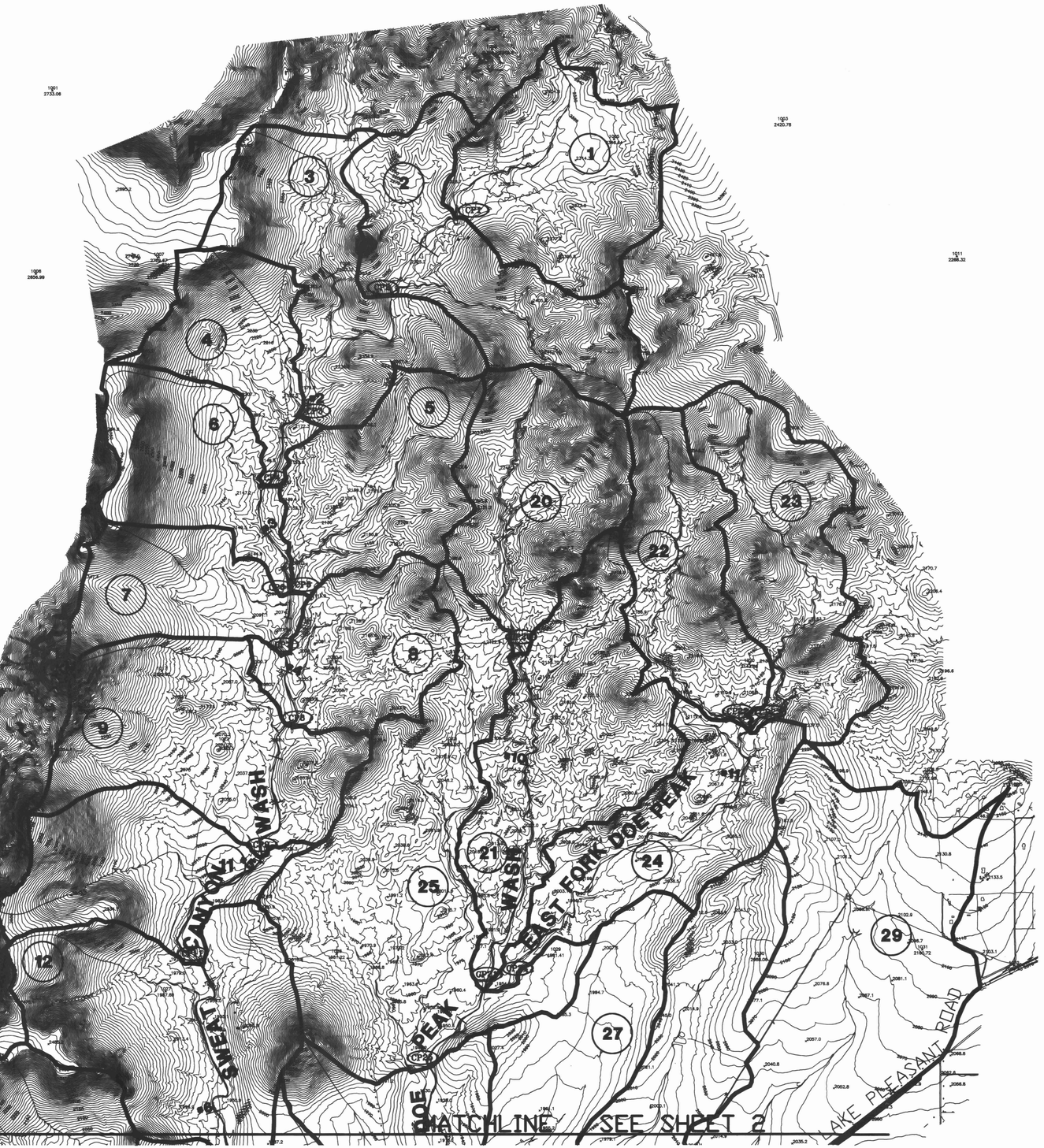


0 500 1000 2000

SCALE: 1"=1000'

LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- ● SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- ●6 HEC-1 ROUTING XSEC

WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT A

CENTRAL FILES
FCD # 302

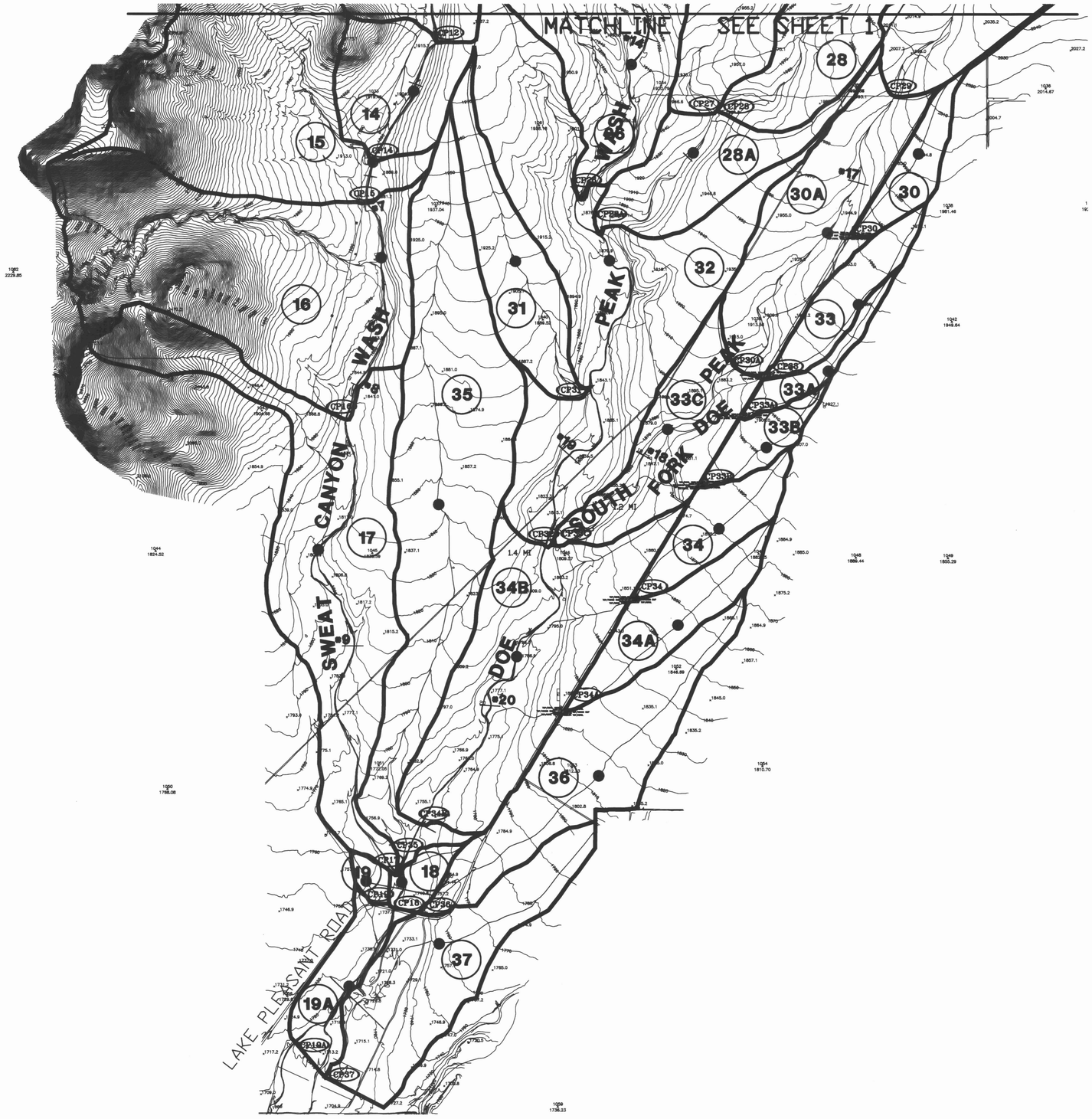
AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 600' AND 1"= 1583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND
CONTROL SURVEY DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

Sweat Canyon F.I.S.
Hydrology Exibits 4-0
FCD 97-12 271
302 MWD

JOB NO. MARI0029	DAVID EVANS AND ASSOCIATES, INC
DWG # M29EXHA1	2929 E. CAMELBACK ROAD
DATE 5/98	PHOENIX, AZ. 85016-3446 (602) 956-9850
SHEET 1 OF 2	

XXXX-0000 tjcl 06/25/98 10:23:11 tjcl M29exha1.dwg



0 500 1000 2000

SCALE: 1"=1000'

LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- ● SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- ●6 HEC-1 ROUTING XSEC LOCATION

WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

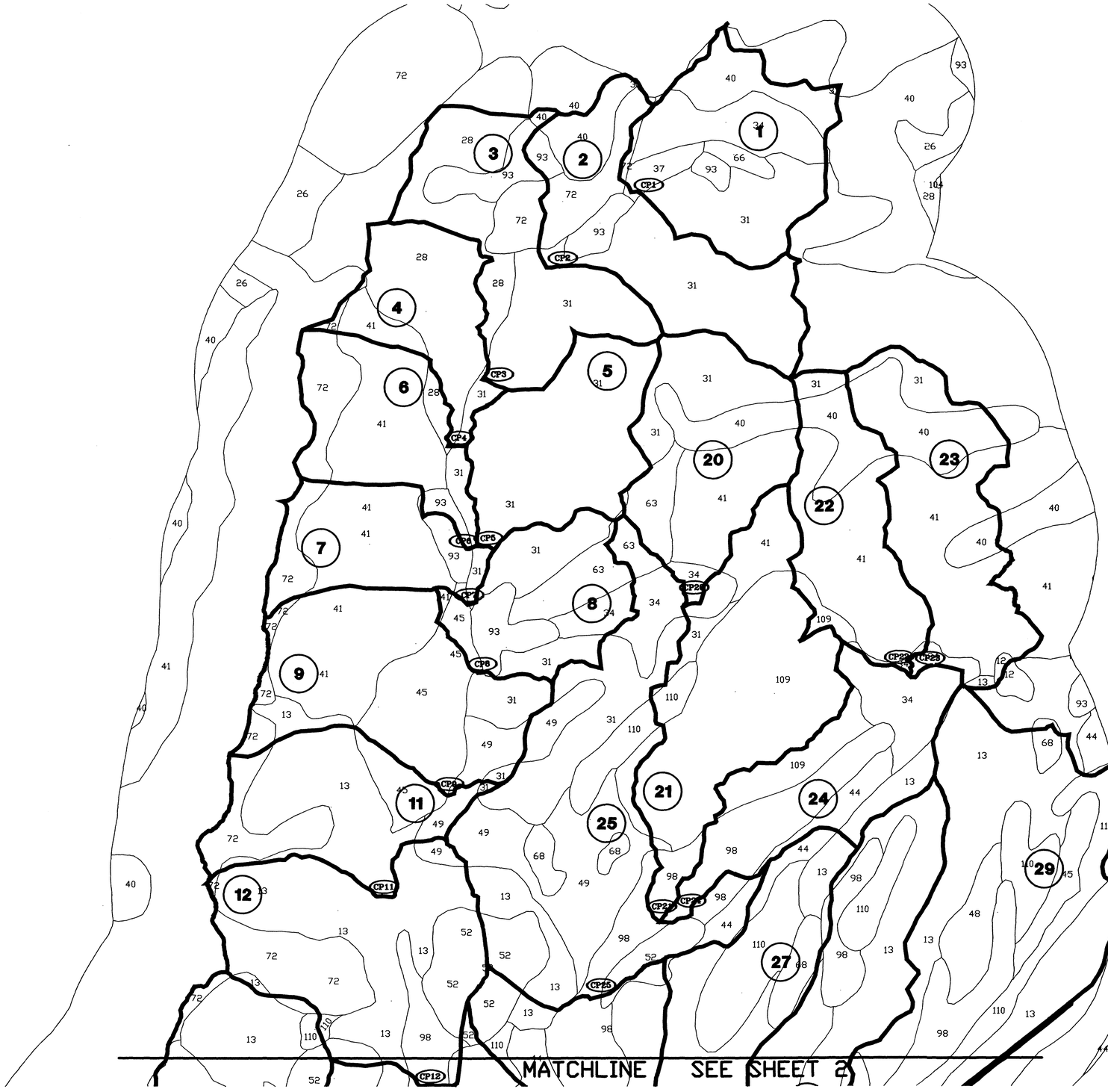
EXHIBIT A

AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 600' AND 1"= 1583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND
CONTROL SURVEY DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

JOB NO.MAR10029	DAVID EVANS AND ASSOCIATES, INC.
DWG # M29EXHA2	2929 E. CAMELBACK ROAD
DATE 5/98	PHOENIX, AZ. 85016-3446 (602) 956-9850
SHEET 2 OF 2	

MAR10029 tjcl 06/25/98 10:30:20 tjcl M29exha2.dwg



0 500 1000 2000

SCALE: 1"=1000'

LEGEND

- 3 — DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- CP3 — CONCENTRATION POINT
- 13 — SCS SOIL DESIGNATION
- SOIL BOUNDARY

SOILS MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

SOURCE: MARICOPA COUNTY FLOOD CONTROL DISTRICT HYDROLOGIC INFORMATION SYSTEM

EXHIBIT B

JOB NO.MARI0029	DAVID EVANS AND ASSOCIATES, INC
DWG # M29EXHB1	2929 E. CAMELBACK ROAD
DATE 3/98	PHOENIX, AZ. 85016-3446 (602) 956-9850
SHEET 1 OF 2	

MARI0029 tjcl 05/06/98 12:36:13 tjcl M29exhb1.dwg

0 500 1000 2000

SCALE: 1"=1000'

LEGEND

- 3 — DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- CP3 — CONCENTRATION POINT
- 13 — SCS SOIL DESIGNATION
- SOIL BOUNDARY

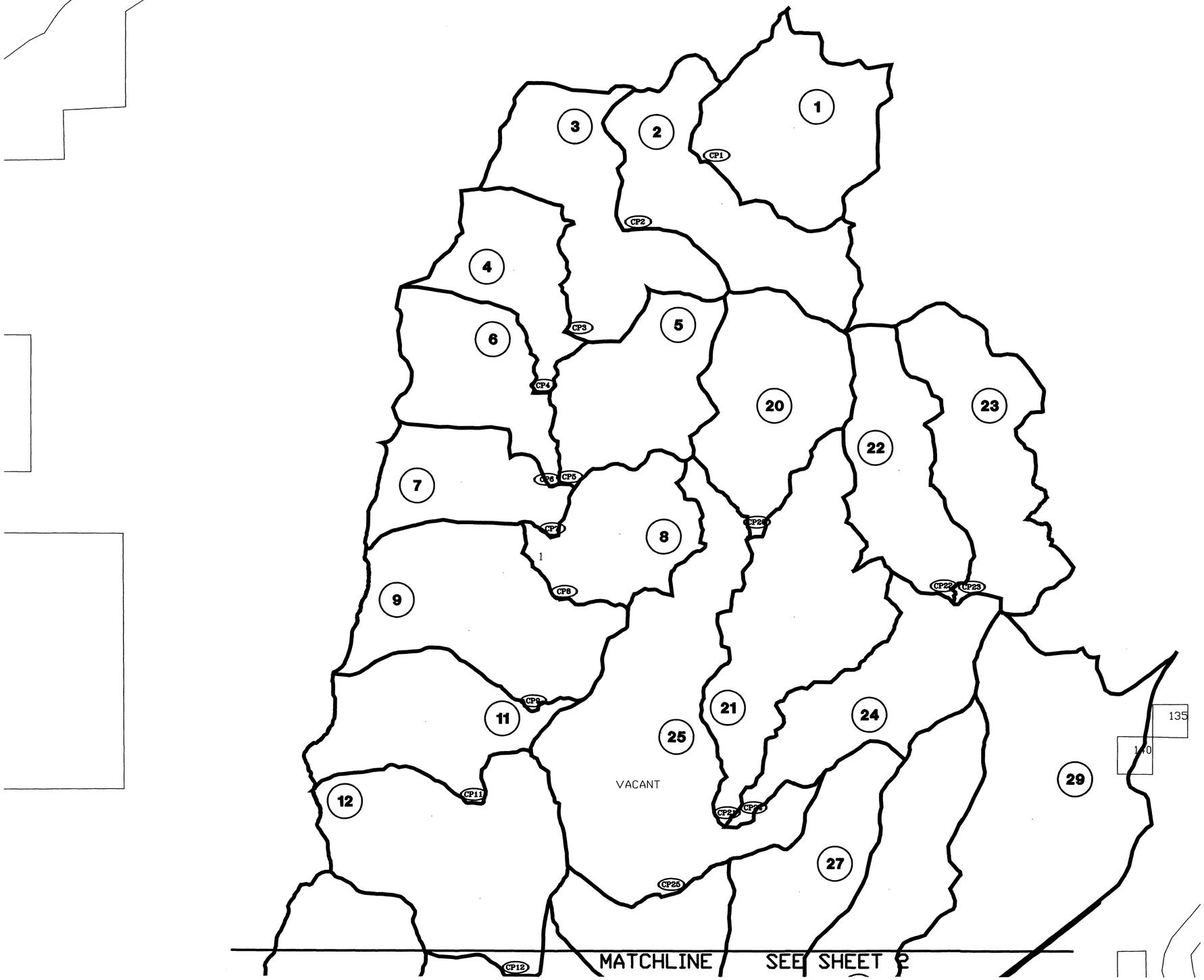
SOURCE: MARICOPA COUNTY FLOOD CONTROL DISTRICT HYDROLOGIC INFORMATION SYSTEM

WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT B

JOB NO.MARI0029	DAVID EVANS AND ASSOCIATES, INC.
DWG # M29EXHB2	2929 E. CAMELBACK ROAD
DATE 3/98	PHOENIX, AZ. 85016-3446 (602) 956-9850
SHEET 2 OF 2	

MARI0029 tjcl 05/08/98 07:55:12 tjcl M29exhb2.dwg



0 500 1000 2000

SCALE: 1"=1000'

LEGEND

3 — DRAINAGE AREA DESIGNATION

DRAINAGE AREA BOUNDARY LINE

SOURCE: MARICOPA COUNTY FLOOD CONTROL DISTRICT HYDROLOGIC INFORMATION SYSTEM

LAND USE MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT C

JOB NO.MARI0029	DAVID EVANS AND ASSOCIATES, INC
DWG # M29EXHC1	2929 E. CAMELBACK ROAD
DATE 3/98	PHOENIX, AZ. 85016-3446 (602) 956-9850
SHEET 1 OF 2	

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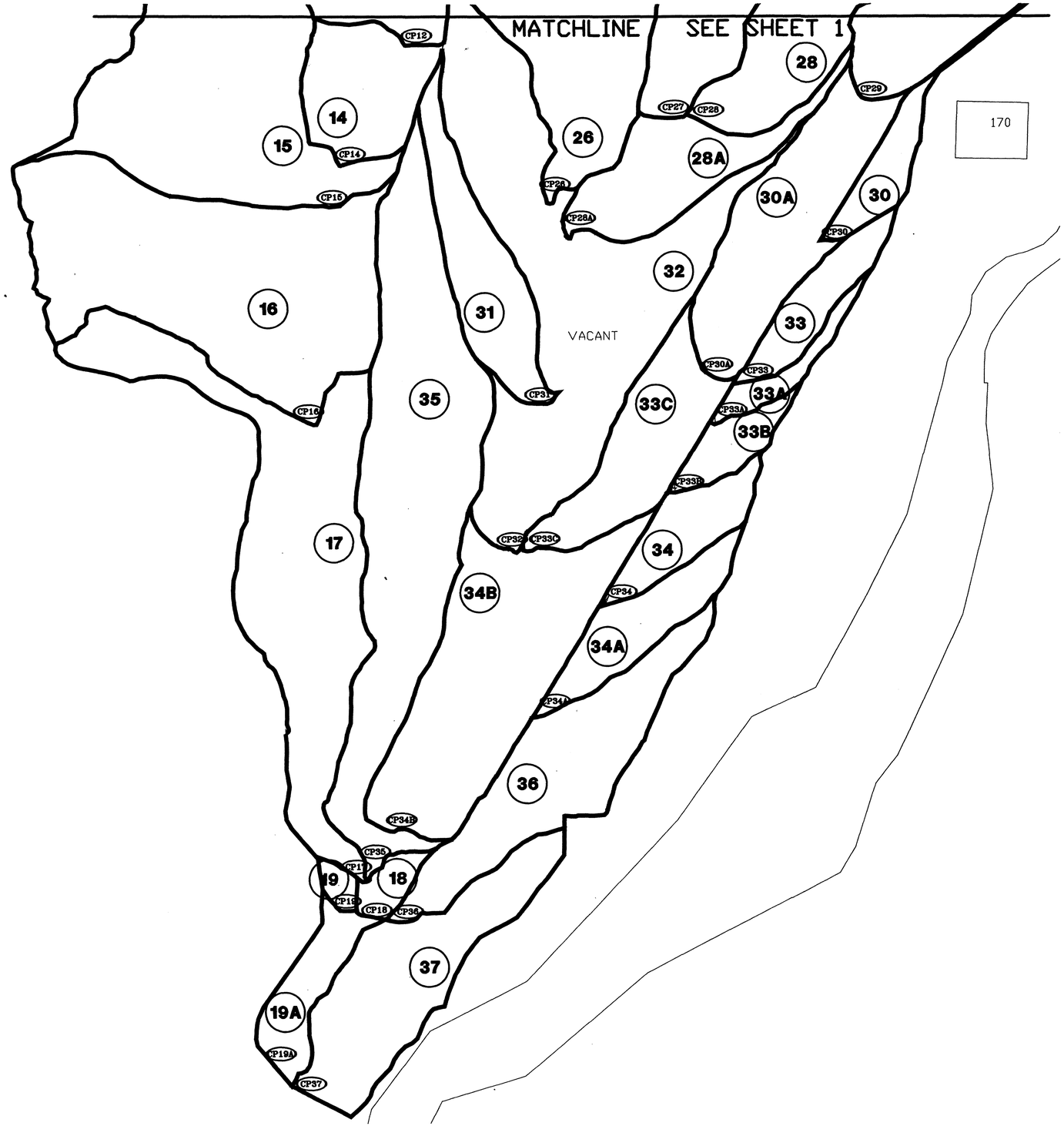


0 500 1000 2000
SCALE: 1"=1000'

LEGEND

3 — DRAINAGE AREA DESIGNATION

DRAINAGE AREA BOUNDARY LINE

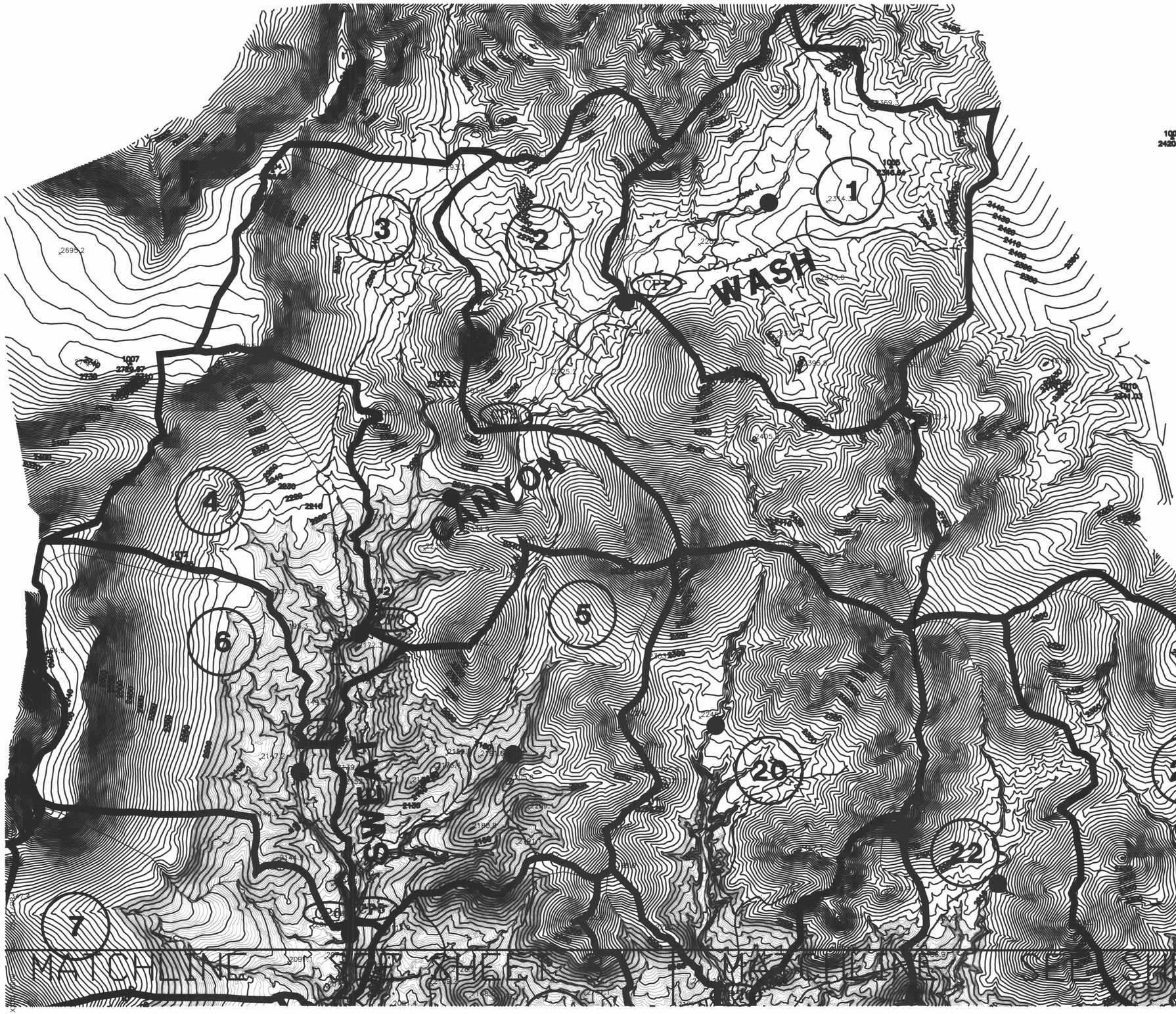
SOURCE: MARICOPA COUNTY FLOOD CONTROL DISTRICT HYDROLOGIC INFORMATION SYSTEM

LAND USE MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT C

JOB NO.MARI0029	DAVID EVANS AND ASSOCIATES, INC
DWG # M29EXHC2	2929 E. CAMELBACK ROAD
DATE 3/98	PHOENIX, AZ. 85016-3446 (602) 956-9850
SHEET 2 OF 2	

MARI0029 tjcl 05/08/98 07:58:31 tjcl M29exhc2.dwg



0 250 500 1000

SCALE: 1"=500'

LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- #6 FIELD VISIT CROSS SECTION

	SHEET 1
SHEET 3	SHEET 2
SHEET 4	SHEET 5
	SHEET 6

WORKING WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

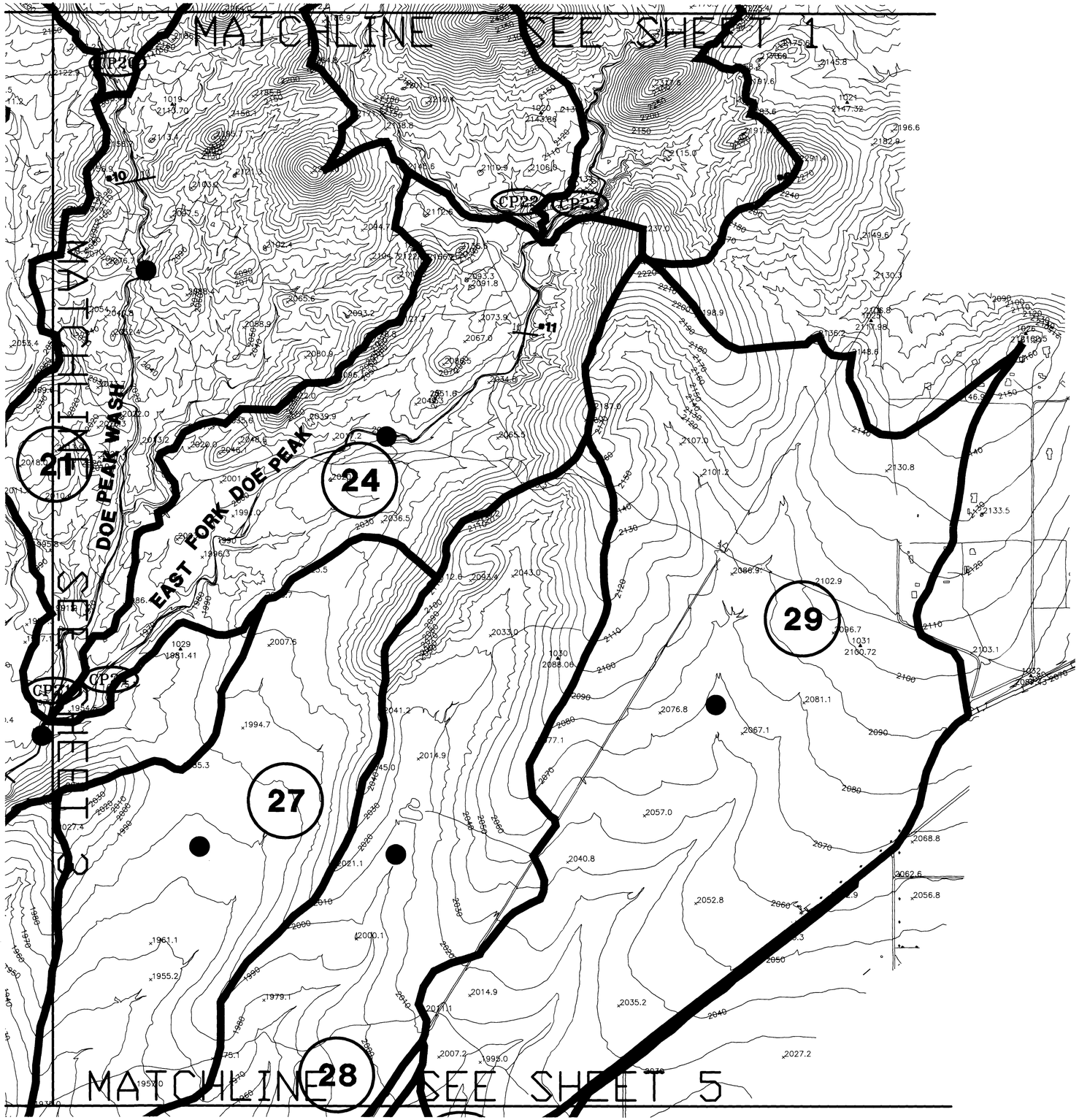
EXHIBIT D

AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 600' AND 1"= 1583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND
CONTROL SURVEY DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

JOB NO.MAR10029	
DWG # M29EXHD1	
DATE 5/98	DAVID EVANS AND ASSOCIATES, INC.
SHEET 1 OF 6	2929 E. CAMELBACK ROAD PHOENIX, AZ. 85016-3446 (602) 956-9850

MAR10029 TSM 3/27/98 M29EXHD1.DWG



LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- ● SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- •6 FIELD VISIT CROSS SECTION

0 250 500 1000

SCALE: 1"=500'

SHEET 1	
SHEET 3	SHEET 2
SHEET 4	SHEET 5
SHEET 6	

WORKING WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT D

AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 600' AND 1"= 1583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

JOB NO.MARI0029	DAVID EVANS AND ASSOCIATES, INC. 2929 E. CAMELBACK ROAD PHOENIX, AZ. 85016-3446 (602) 956-9850
DWG # M29EXHD2	
DATE 5/98	
SHEET 2 OF 6	

XXXX-0000 tjcl 06/25/98 10:37:29 tjcl M29exhd2.dwg

LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- •6 FIELD VISIT CROSS SECTION

0 250 500 1000

SCALE: 1"=500'

SHEET 1
SHEET 3 | SHEET 2
SHEET 4 | SHEET 5
SHEET 6

WORKING WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT D

AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 600' AND 1"= 1583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND
CONTROL SURVEY DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

JOB NO.MARI0029	DAVID EVANS AND ASSOCIATES, INC
DWG # M29EXHD3	2929 E. CAMELBACK ROAD
DATE 5/98	PHOENIX, AZ. 85016-3446 (602) 956-9850
SHEET 3 OF 6	

XXXX-0000 Tsn 05/15/98 13:29:43 Tsn M29exhd3.dwg

MATCHLINE SEE SHEET 3

MATCHLINE SEE SHEET 5

MATCHLINE SEE SHEET 6

LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- •6 FIELD VISIT CROSS SECTION

0 250 500 1000

SCALE: 1"=500'

	SHEET 1
SHEET 3	SHEET 2
SHEET 4	SHEET 5
	SHEET 6

WORKING WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT D

JOB NO.	MAR10029
DWG #	M29EXHD4
DATE	5/98
SHEET	4 OF 6

DAVID EVANS AND ASSOCIATES, INC.
2929 E. CAMELBACK ROAD
PHOENIX, AZ. 85016-3446 (602) 956-9850

AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 600' AND 1"= 1583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND
CONTROL SURVEY DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

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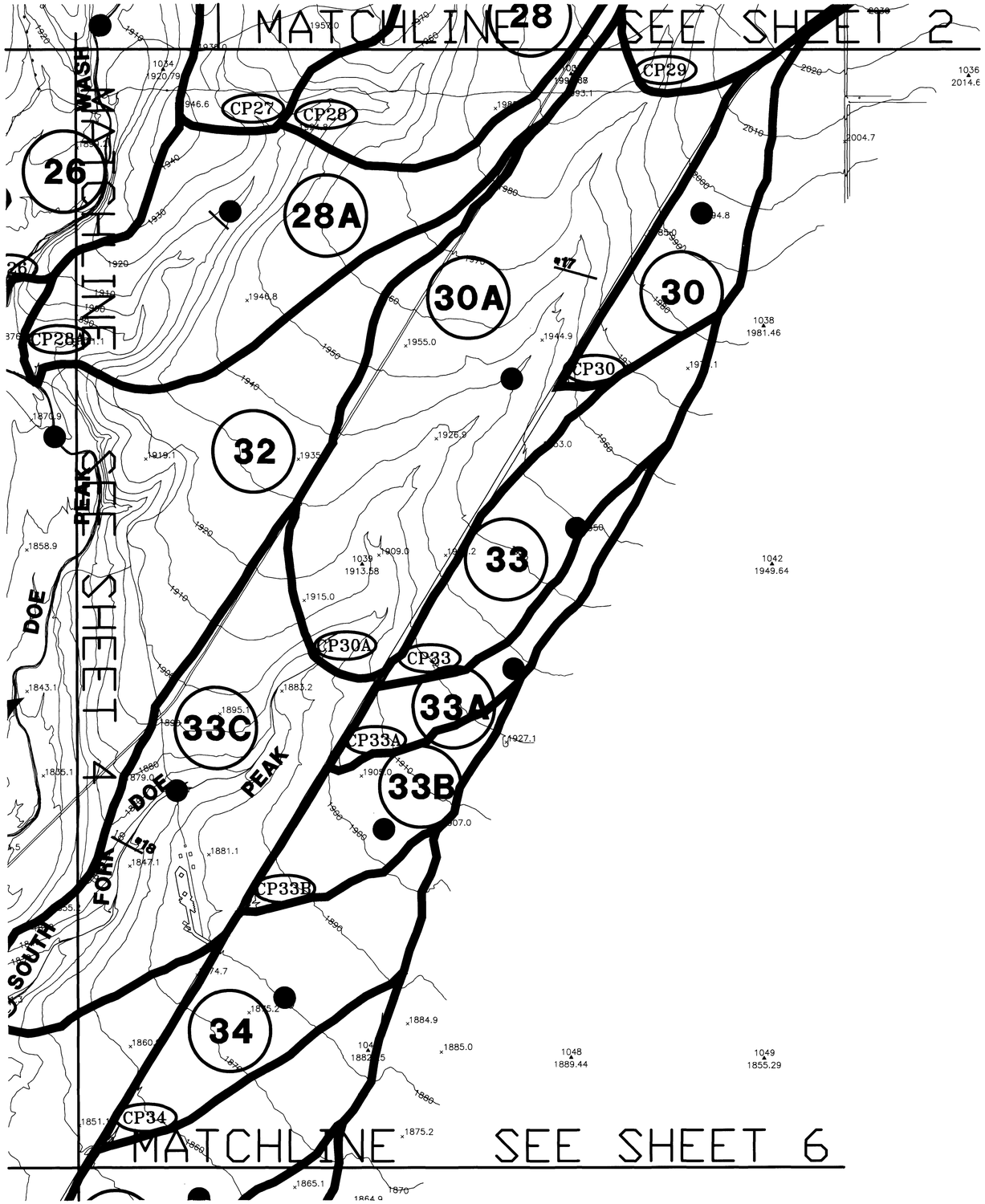
MATCHLINE SEE SHEET 2

MATCHLINE SEE SHEET 6



LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- #6 FIELD VISIT CROSS SECTION

0 250 500 1000

SCALE: 1"=500'

	SHEET 1	
SHEET 3	SHEET 2	
SHEET 4	SHEET 5	
	SHEET 6	

WORKING WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT D

AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"= 600' AND 1"= 1583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

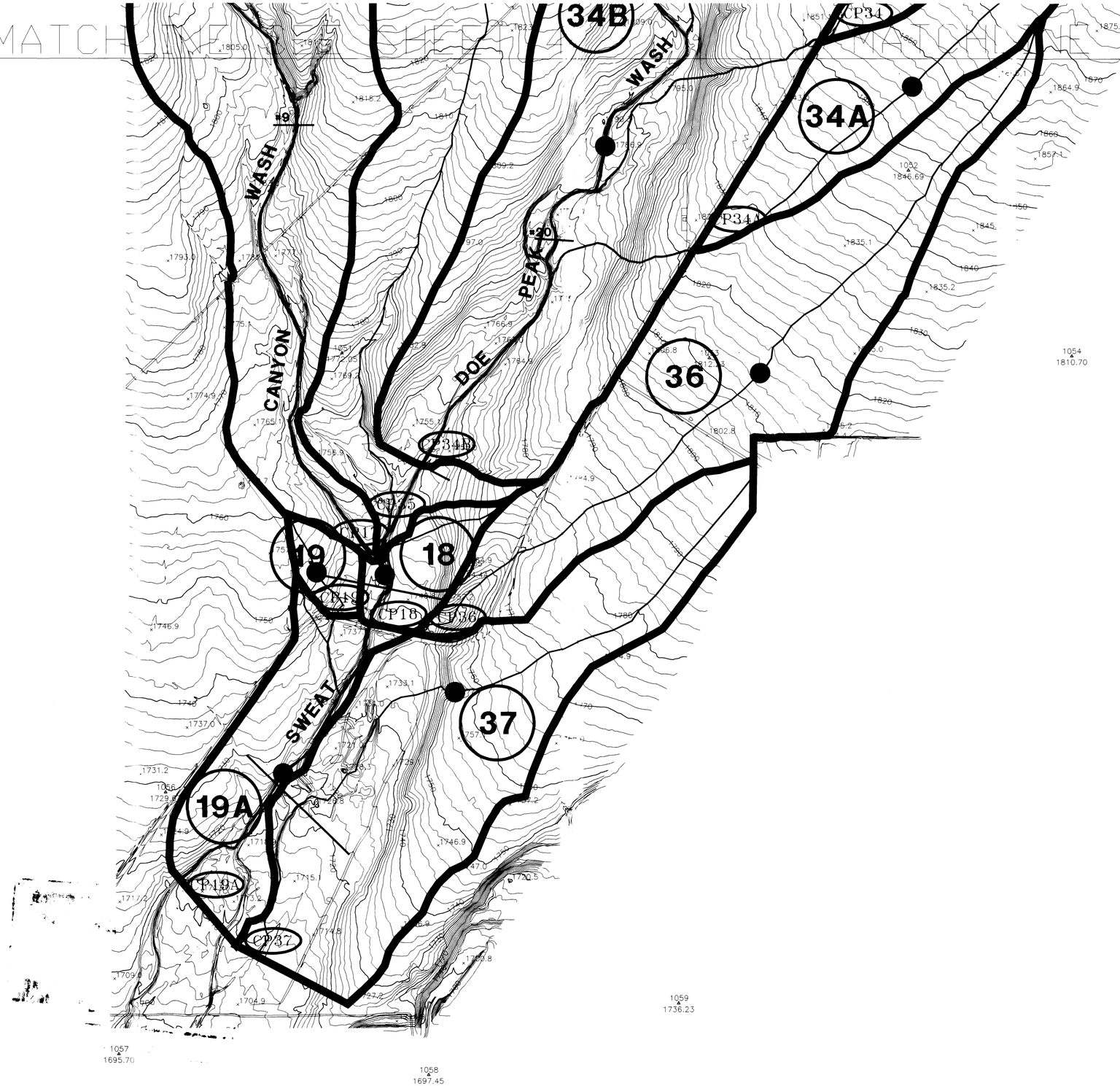
JOB NO.	MAR10029
DWG #	M29EXHD5
DATE	5/98
SHEET	5 OF 6

DAVID EVANS AND ASSOCIATES, INC
2929 E. CAMELBACK ROAD
PHOENIX, AZ. 85016-3446 (602) 956-9850

MAR10029 tjcl 06/25/98 10:53:08 tjcl M29exhd5.dwg

MATCHLINE SEE SHEET 4

MATCHLINE SEE SHEET 5



LEGEND

- (3) DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY LINE
- (CP3) CONCENTRATION POINT
- SUB-BASIN CENTROID
- DRAINAGE PATH
- TIME OF CONCENTRATION PATH
- #6 FIELD VISIT CROSS SECTION

0 250 500 1000

SCALE: 1"=500'

SHEET 1

SHEET 3 | SHEET 2

SHEET 4 | SHEET 5

SHEET 6

WORKING WATERSHED MAP
SWEAT CANYON WASH
FLOOD INSURANCE STUDY

EXHIBIT D

AERIAL MAPPING COMPANY, INC.
DAVID EVANS AND ASSOCIATES
FLOWN 9/23/97 AND 11/7/97

THIS MAP WA - -EPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 600' AND :583' HORIZONTAL SCALE AND 2' AND 10' CONTOUR INTERVALS AND BASED ON GROUND
CONTROL SUR - - DATA PROVIDED BY DAVID EVANS AND ASSOCIATES

JOB NO.	MAR10029
DWG #	M29EXHD6
DATE	5/98
SHEET	6 OF 6

DAVID EVANS AND ASSOCIATES, INC.
2929 E. CAMELBACK ROAD
PHOENIX, AZ. 85016-3446 (602) 956-9850

MAR10029 TSM 3/27/98 M29EXHD6.DWG