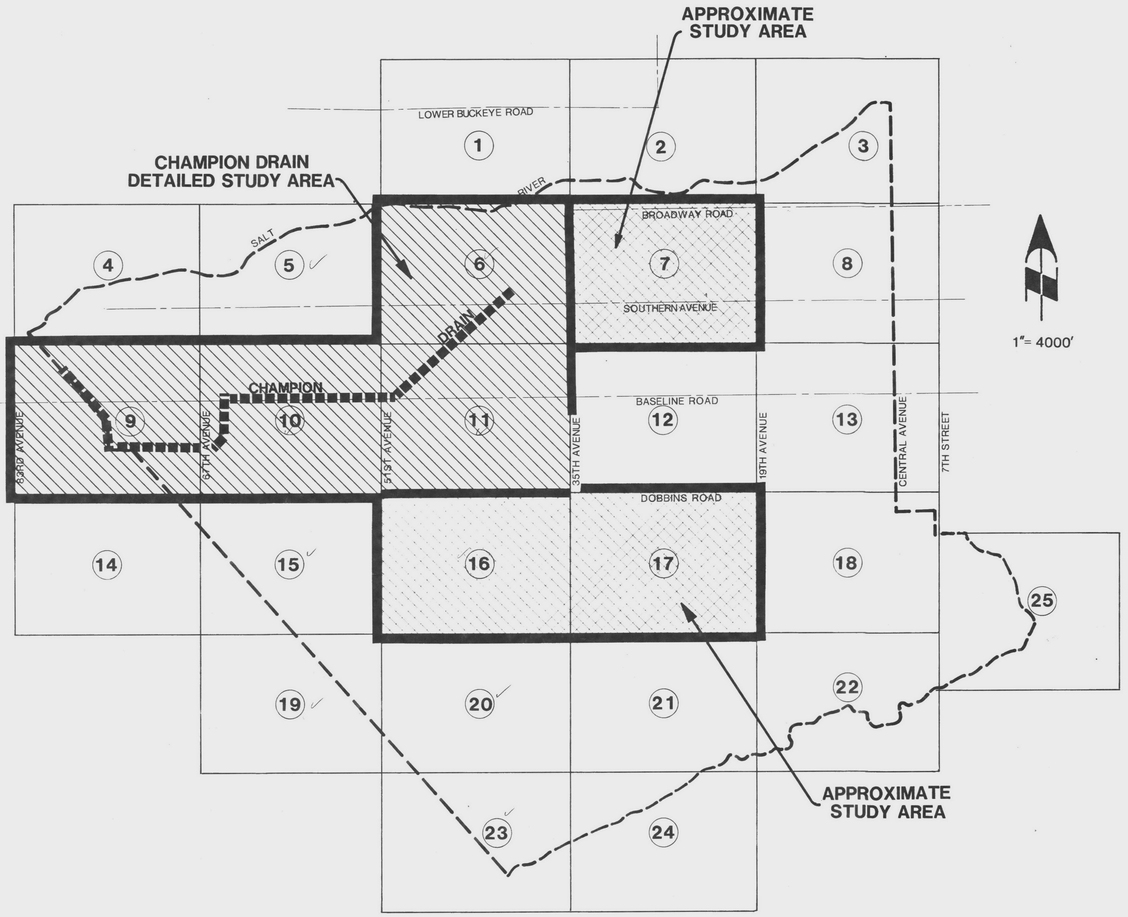
LAVEEN AREA DRAINAGE MASTER STUDY



1"= 4000'

PRELIMINARY

PRELIMINARY

FLOODPLAIN DELINEATION STUDY

WORK MAP INDEX

(WITH FLOODWAY)

CENTRAL FILES
DRAWER # 301

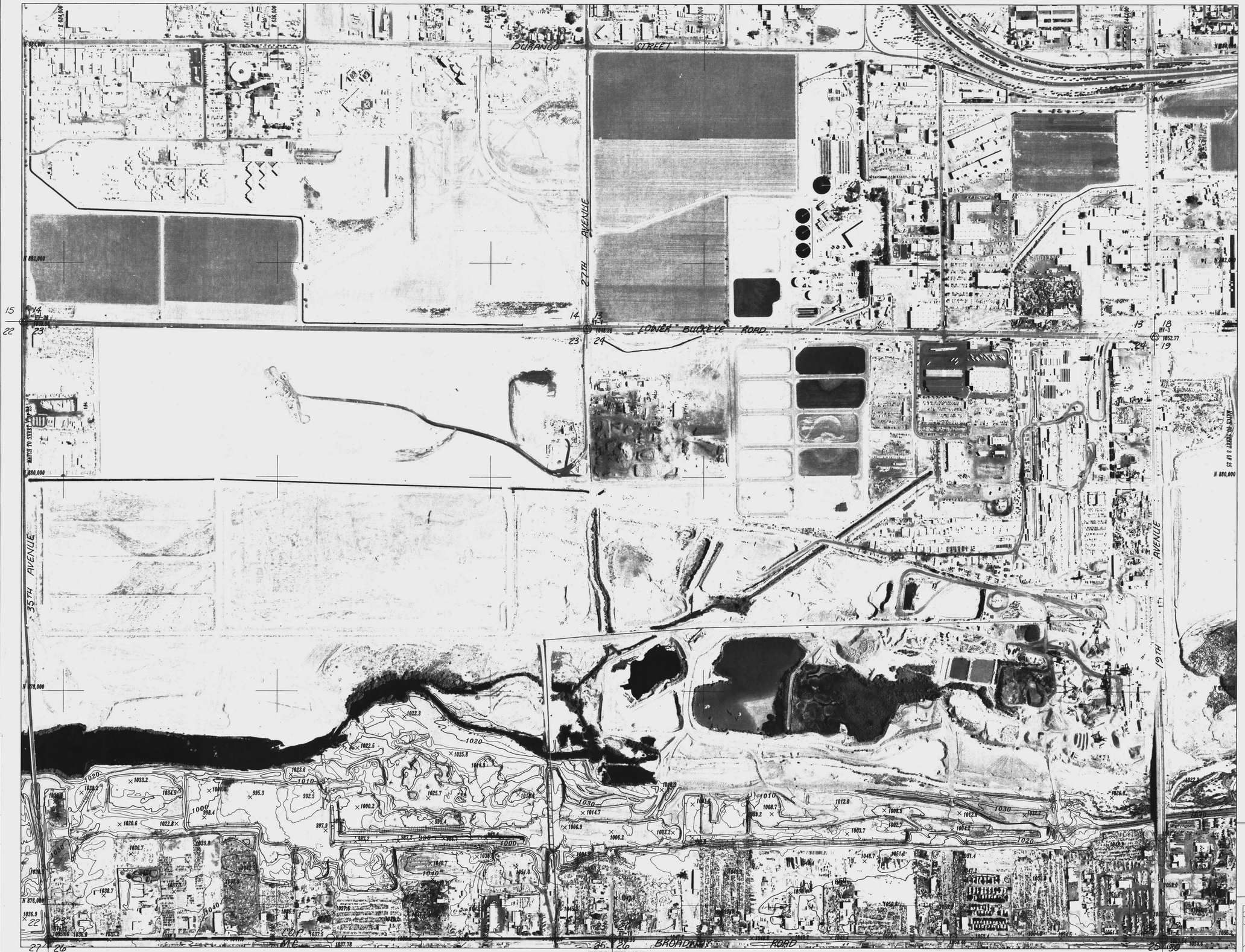
LAVEEN ADMS FDS WORK MAP INDEX
WITH FLOODWAY
CELLA BARR PRELIMINARY
STUDY 1992 FCD 89-70

JUN 0 3 1992

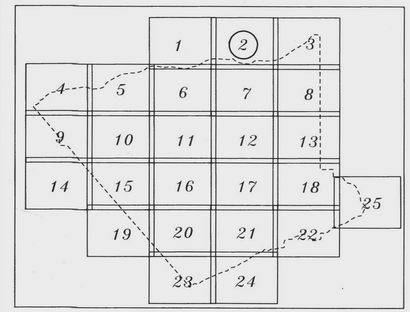
FLOOD CONTROL DISTRICT MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
Engineering · Planning · Surveying · Landscape Architecture · Hydrology
5062 N. 19th Avenue Phoenix, Arizona 85015 (602) 242-2999
CBA JOB NO. 40916-02



PRELIMINARY



REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

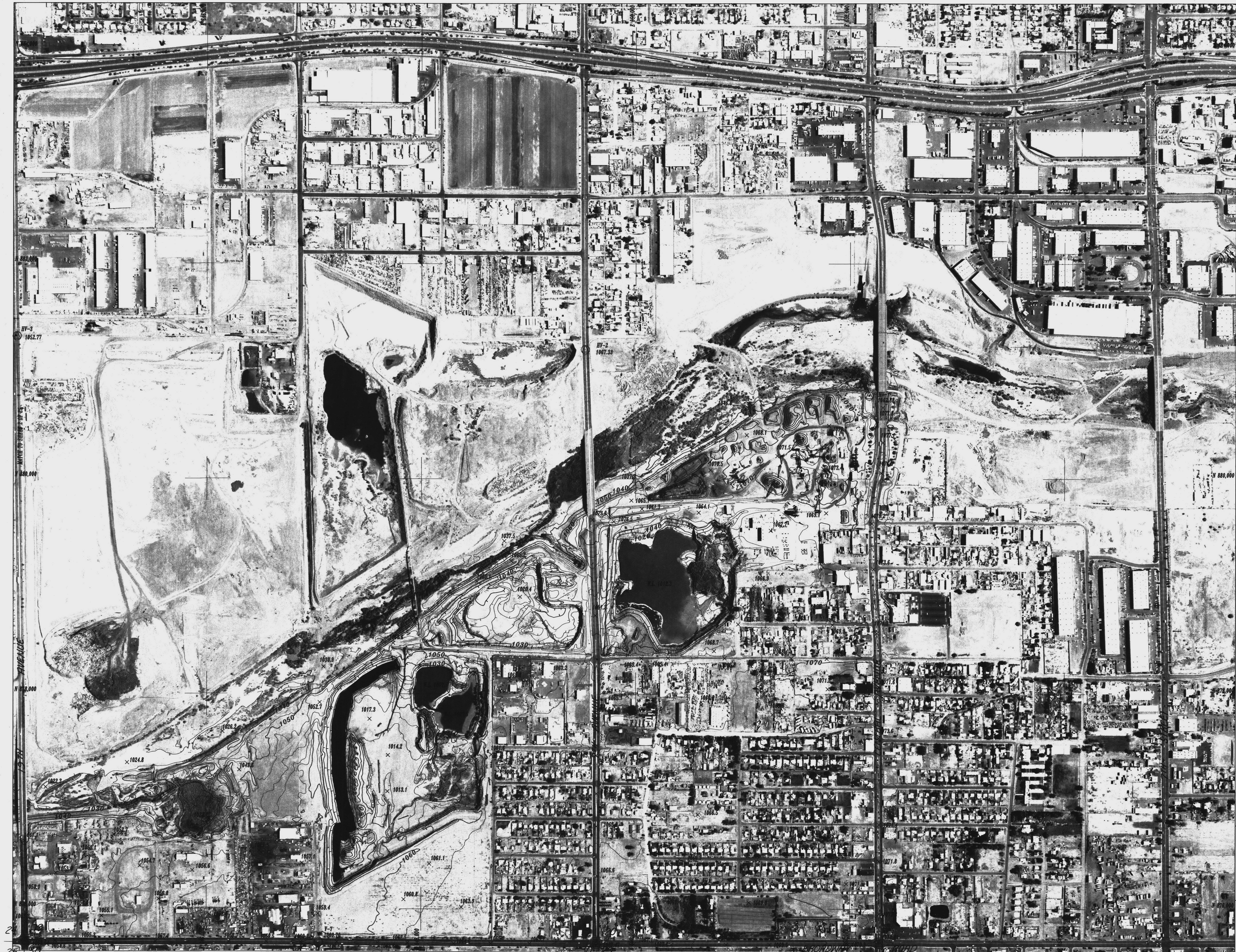
MAPPING BY:
COOPER AERIAL OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

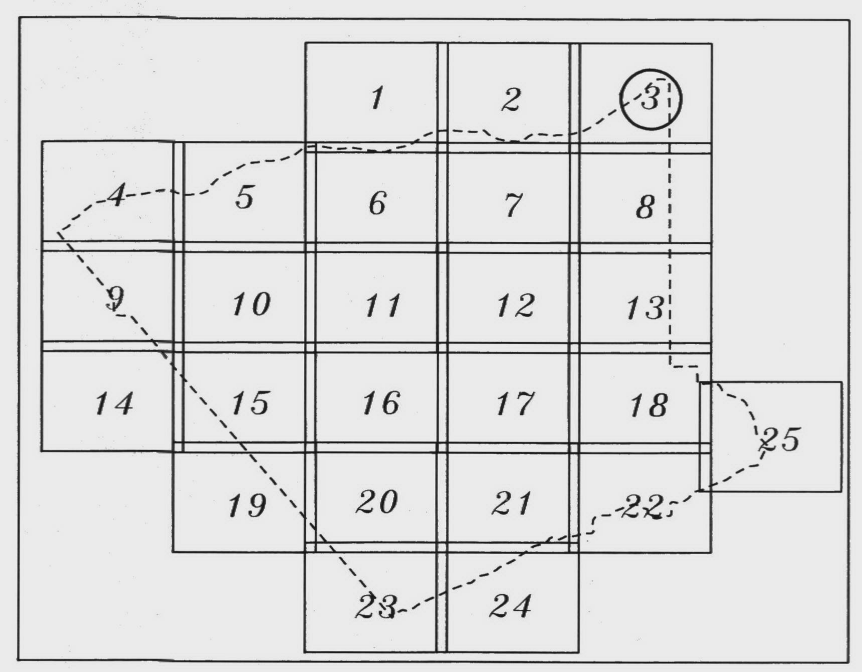
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC., 1990
JOB No.	40916-02-32
SHEET	2 OF 25

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999



PRELIMINARY



N
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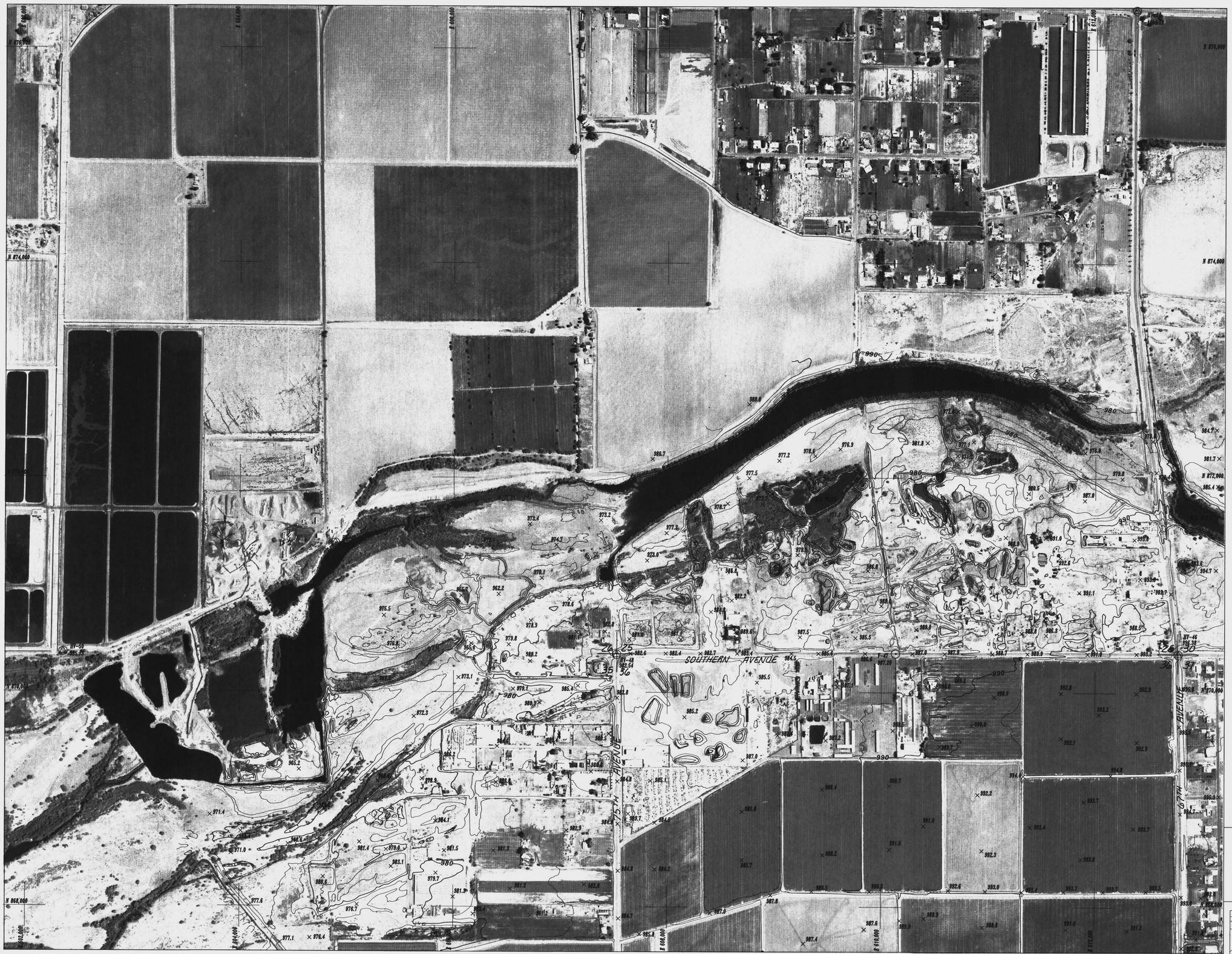
400 200 0 200 400 600

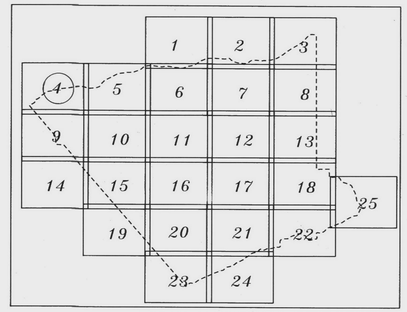
SCALE: 1"=400'

REVISION:	**LAVEEN AREA DRAINAGE MASTER STUDY** MAPPING BY: COOPER AERIAL OF PHOENIX, INC. PHOTO DATE: 6-8-90	SCALE: 1"=400' CONTOUR INTERVAL: 2' DESIGN: PJE DRAWN: DAL CHECKED: SSS DATE: DEC., 1990
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY	JOB No. 40916-02-32 SHEET 3 OF 25 CBA CELLA BARR ASSOCIATES 5062 North 19th Avenue Phoenix, Arizona 85015 (602) 242-2999



MATCH TO SHEET 5 OF 25

PRELIMINARY



400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC, 1990
JOB No.	409I4-02-32
SHEET	4 OF 25

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 4 OF 25

MATCH TO SHEET 6 OF 25

MATCH TO SHEET 10 OF 25

PRELIMINARY

N
W
E
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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC, 1990
JOB No.	40916-02-32
SHEET	5 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

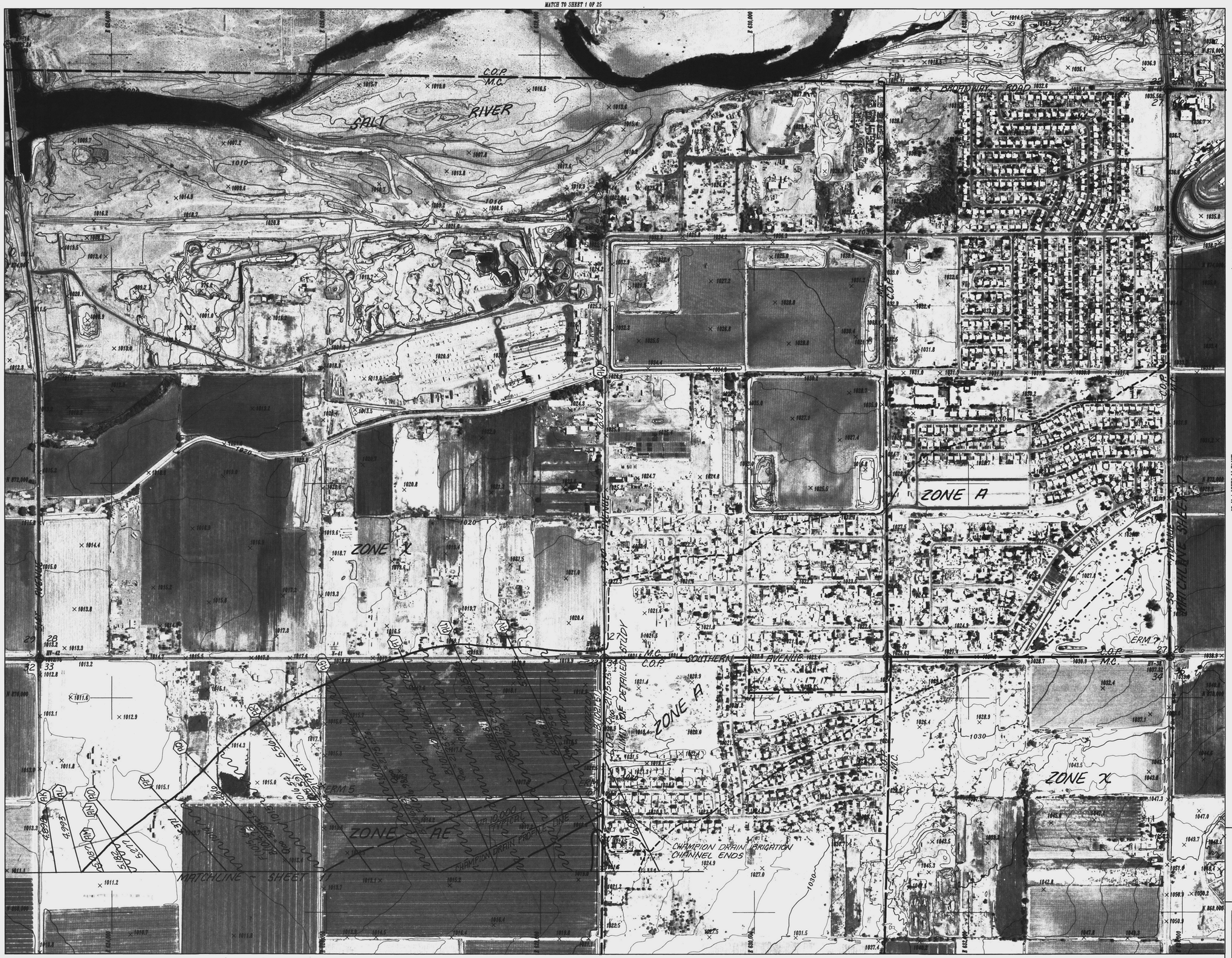
CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 1 OF 25

MATCH TO SHEET 5 OF 25

MATCH TO SHEET 7 OF 25

MATCH TO SHEET 11 OF 25



LEGEND

- CENTERLINE OF STREAM
- 100-YEAR FLOODPLAIN BOUNDARY
- 0.593 — CROSS-SECTION & HEC-2 I.D.
- B(996.45) / F(996.91) / Q_{100} = 3154 cfs — 100-YEAR BASE FLOOD ELEVATION / FLOODWAY ELEVATION / 100-YEAR DISCHARGE
- 995 — BASE FLOOD ELEVATION
- ERM 1 — ELEVATION REFERENCE MARK
- ZONE AE — FLOOD INSURANCE RATE ZONE
- APPROXIMATE FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY

ERM 5 — ELEVATION = 1016.91

ALUMINUM CAP IN CONCRETE AT N.W. CORNER OF CONCRETE IRRIGATION BOX, ROUGHLY 0.25 MI. SOUTH OF SOUTHERN AVENUE AND 0.5 MI. WEST OF 43RD AVENUE.

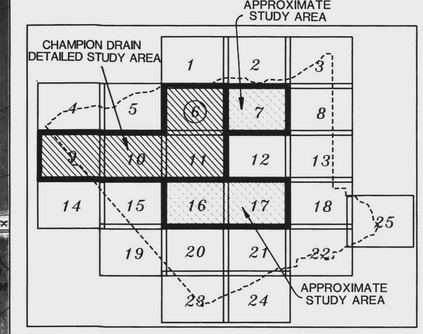
ERM 6 — ELEVATION = 1019.96

ALUMINUM CAP IN CONCRETE 33' WEST OF 43RD AVENUE CENTERLINE AND 0.25 MI. SOUTH OF SOUTHERN AVENUE.

ERM 7 — ELEVATION = 1036.90

MARICOPA COUNTY BRASS CAP IN HANDHOLE AT INTERSECTION OF 35TH AVENUE AND SOUTHERN AVENUE.

PRELIMINARY



JUN 0 3 1992

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY
FLOODPLAIN DELINEATION WORK MAP

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SSS
DATE:	APR. 1992
JOB No.	400610-02-32
SHEET	6 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

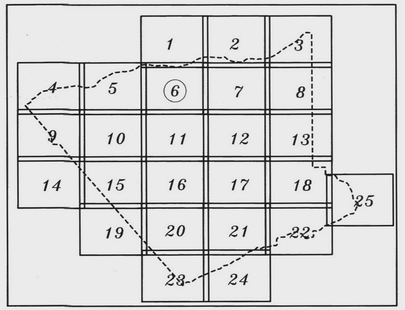
MATCH TO SHEET 1 OF 25

MATCH TO SHEET 5 OF 25

MATCH TO SHEET 7 OF 25

MATCH TO SHEET 11 OF 25

PRELIMINARY



N
W
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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC, 1990
JOB No.	40810-02-32
SHEET	6 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 2 OF 25

MATCH TO SHEET 6 OF 25

MATCH TO SHEET 12 OF 25

MATCH TO SHEET 8 OF 25

ZONE X

ZONE A

ZONE X

ERM 7

ERM 8

MARICOPA COUNTY BRASS CAP IN HANDHOLE AT INTERSECTION OF 35TH AVENUE AND SOUTHERN AVENUE.

CITY OF PHOENIX BRASS CAP IN HANDHOLE AT INTERSECTION OF 27TH AVENUE AND BROADWAY ROAD.

LEGEND

- CENTERLINE OF STREAM
- 100-YEAR FLOODPLAIN BOUNDARY
- A 0.593 A — CROSS-SECTION & HEC-2 I.D.
- B(996.45) — 100-YEAR BASE FLOOD ELEVATION
- Q_{100} = 3154 cfs — 100-YEAR DISCHARGE
- 995 — BASE FLOOD ELEVATION
- ERM 1 X — ELEVATION REFERENCE MARK
- ZONE AE — FLOOD INSURANCE RATE ZONE
- APPROXIMATE FLOODPLAIN BOUNDARY

ERM 7 ELEVATION = 1036.90

MARICOPA COUNTY BRASS CAP IN HANDHOLE AT INTERSECTION OF 35TH AVENUE AND SOUTHERN AVENUE.

ERM 8 ELEVATION = 1046.46

CITY OF PHOENIX BRASS CAP IN HANDHOLE AT INTERSECTION OF 27TH AVENUE AND BROADWAY ROAD.

PRELIMINARY

APPROXIMATE STUDY AREA

CHAMPION DRAIN DETAILED STUDY AREA

APPROXIMATE STUDY AREA

JUN 0 3 1992

SCALE: 1"=400'

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY
FLOODPLAIN DELINEATION WORK MAP

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SSS
DATE:	APR. 1992
JOB No.	20910-02-32
SHEET	7 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 2 OF 25

MATCH TO SHEET 6 OF 25

MATCH TO SHEET 8 OF 25

MATCH TO SHEET 12 OF 25

N W E S

400 200 0 200 400 600

SCALE: 1"=400'

FLOOD CONTROL DISTRICT
RECEIVED
NOV 15'90

CH ENG	P & PM
DEP	HYDRO
ADMIN	MAINT
FINANCE	FILE
C & O	
ENGR	

REMARKS

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

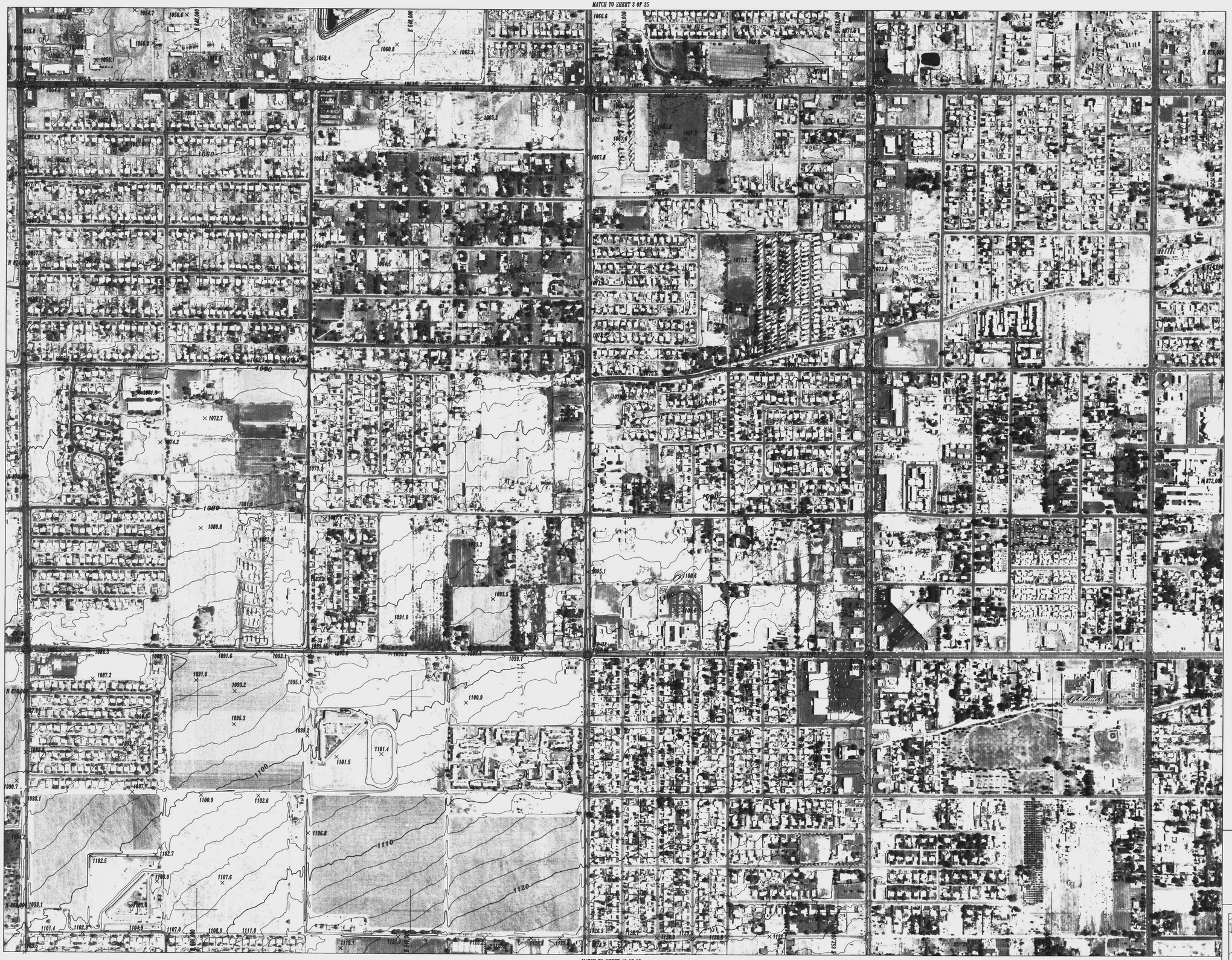
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	7 OF 25

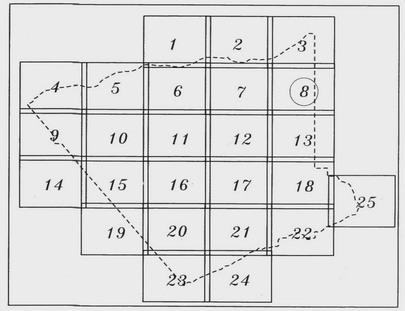
CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 3 OF 25

MATCH TO SHEET 7 OF 25



MATCH TO SHEET 13 OF 25



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400 200 0 200 400 600

SCALE: 1"=400'

FLOOD CONTROL DISTRICT
RECEIVED
NOV 15'90

	CH ENG		P & PM
	DEP		HYDRO
	ADMIN		*****
	FINANCE		FILE
	O & O		
	ENGR		

REMARKS

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

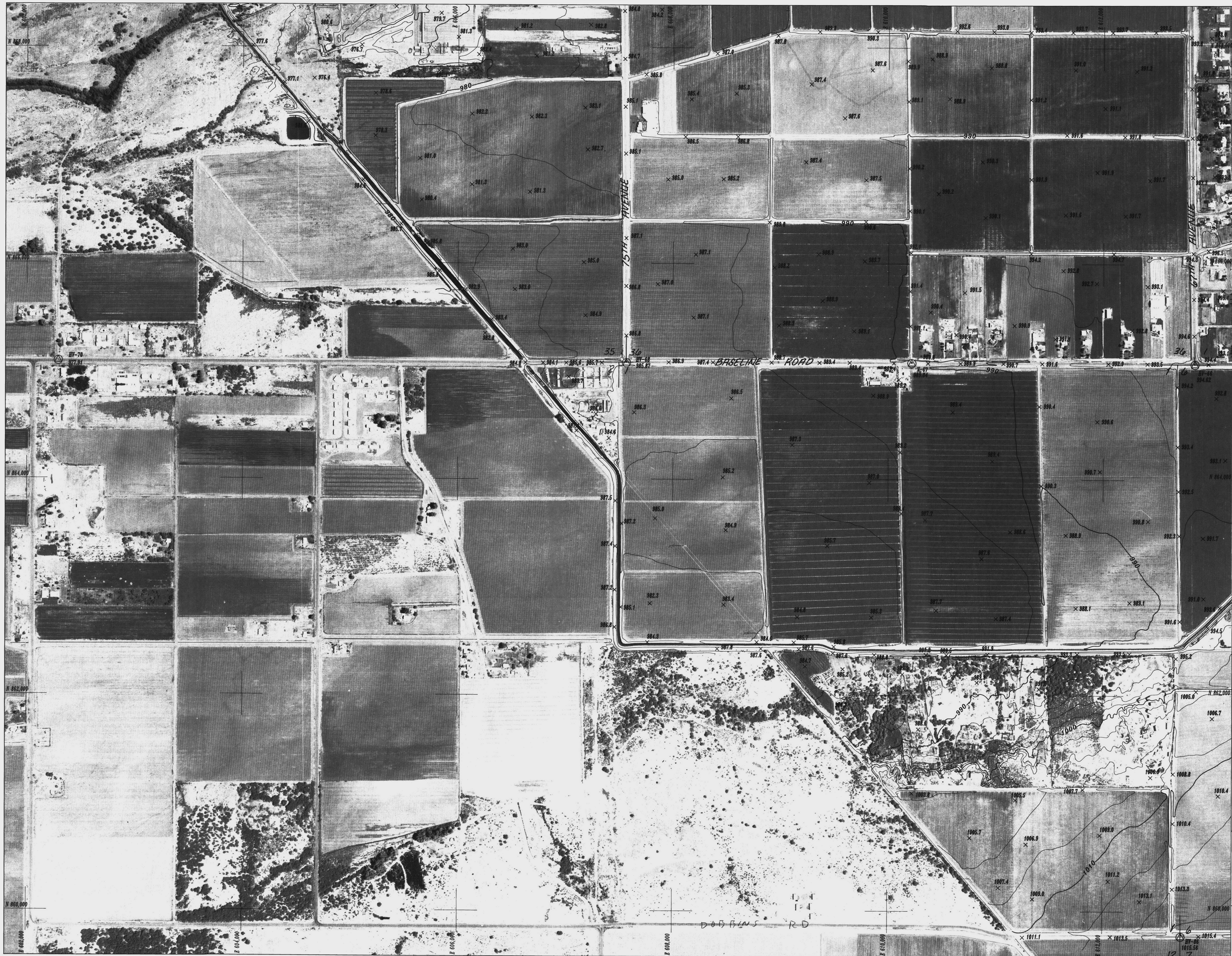
SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET 8 OF 25	

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

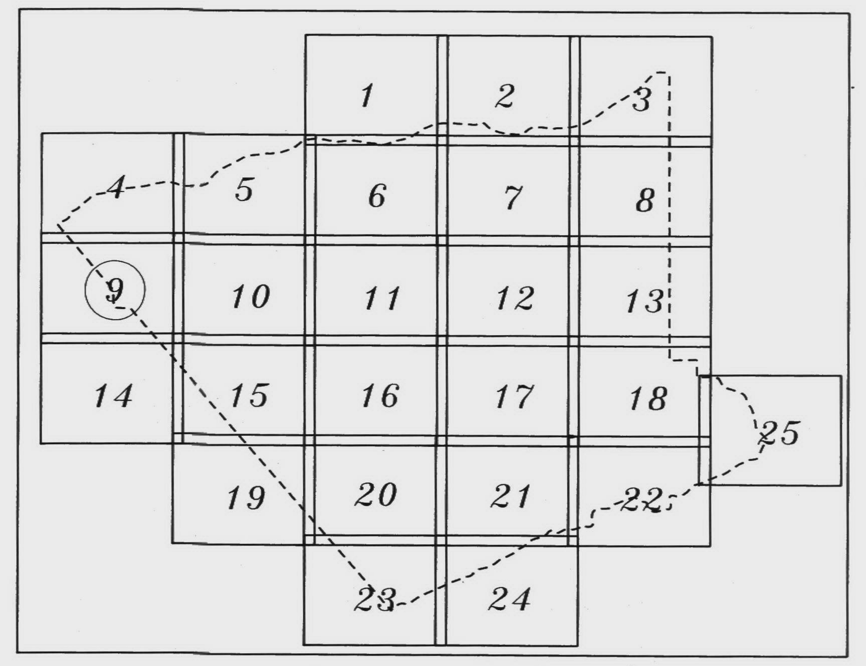
MATCH TO SHEET 4 OF 25



MATCH TO SHEET 10 OF 25

MATCH TO SHEET 14 OF 25

PRELIMINARY



SCALE: 1"=400'

REVISION:	LAVEEN AREA DRAINAGE MASTER STUDY MAPPING BY: COOPER AERIAL OF PHOENIX, INC. PHOTO DATE: 6-8-90	SCALE: 1"=400' CONTOUR INTERVAL: 2' DESIGN: PJE DRAWN: DAL CHECKED: SSS DATE: DEC., 1990
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY	JOB No. 40916-02-32 SHEET 9 OF 25 CELLA BARR ASSOCIATES 5062 North 19th Avenue Phoenix, Arizona 85015 (602) 242-2999

MATCH TO SHEET 4 OF 25

SALT RIVER

GILA RIVER INDIAN RESERVATION BOUNDARY

SALT RIVER 100-YEAR FLOODPLAIN FIRM PANEL #115 - EFFECTIVE DATE: 4-15-88

LIMIT OF DETAILED STUDY

GILA RIVER INDIAN RESERVATION

CHAMPION DRAIN IRRIGATION CHANNEL

SOUTH MOUNTAIN AVENUE

ZONE AE

ZONE X

BASELINE ROAD

ERM 1

75TH AVENUE

67TH AVENUE

SALT RIVER 100-YEAR FLOODPLAIN FIRM PANEL 2115 EFFECTIVE DATE: 4-15-88

100-YEAR FLOODPLAIN BOUNDARY ASSUMING CHAMPION DRAIN LEVEES DO NOT FAIL.

CHAMPION DRAIN

PROFILE LINE

10,000 TYPICAL

* SEE NOTE BELOW

* NOTE: FROM CROSS-SECTION 0.688 TO CROSS-SECTION 1.682, THE FLOODWAY BOUNDARY IS NOT DELINEATED. ENCROACHMENT OF THE FLOODPLAIN IN THIS AREA WILL INCREASE THE WATER SURFACE ELEVATIONS FORCING ADDITIONAL FLOOD WATERS ONTO THE ADJACENT GILA RIVER INDIAN RESERVATION.

GILA RIVER INDIAN RESERVATION BOUNDARY

MATCH TO SHEET 14 OF 25

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

MATCH TO SHEET 10 OF 25

LEGEND

- CENTERLINE OF STREAM
- 100-YEAR FLOODPLAIN BOUNDARY
- A — 0.593 — A' CROSS-SECTION & HEC-2 I.D.
- B(996.95) / F(990.91) — 100-YEAR BASE FLOOD ELEVATION / FLOODWAY ELEVATION
- Q_{100} = 3154 cfs — 100-YEAR DISCHARGE
- 995 — BASE FLOOD ELEVATION
- ERM 1 X — ELEVATION REFERENCE MARK
- ZONE AE — FLOOD INSURANCE RATE ZONE
- APPROXIMATE FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY

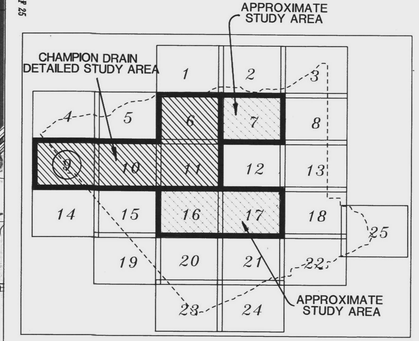
ERM 1 ELEVATION = 984.13

ALUMINUM CAP IN CONCRETE AT THE N.W. FENCE CORNER OF S.R.P. WELL SITE LOCATED AT THE N.W. CORNER OF BASELINE ROAD AND THE CHAMPION DRAIN.

ERM 2 ELEVATION = 993.27

ALUMINUM CAP IN CONCRETE AT SOUTH END OF CONCRETE IRRIGATION CANAL LOCATED 0.5 MI. SOUTH OF BASELINE ROAD AND ROUGHLY 175' WEST OF 67TH AVENUE EXTENDED.

PRELIMINARY



JUN 0 3 1992

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY FLOODPLAIN DELINEATION WORK MAP

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SSS
DATE:	APR. 1992
JOB No.	92216-02-32
SHEET	9 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 5 OF 25

MATCH TO SHEET 9 OF 25

MATCH TO SHEET 11 OF 25

MATCH TO SHEET 15 OF 25

PRELIMINARY

N W E S

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY: COOPER AERIAL OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC., 1990
JOB No.	40910-02-32
SHEET	10 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 5 OF 25

MATCH TO SHEET 9 OF 25

MATCH TO SHEET 11 OF 25

MATCH TO SHEET 15 OF 25

ZONE X

ZONE AE

ZONE A

CHAMPION DRAIN 1 IRRIGATION CHANNEL

CHAMPION DRAIN 1 PROFILE

BASELINE ROAD

59TH AVENUE

51ST AVENUE

STR. 10,000' TYPICAL

LIMIT OF DETAILED STUDY

LIMIT OF APPROXIMATE STUDY

ERM 2

ERM 3

ERM 4

M13.0

M40

LEGEND

- CENTERLINE OF STREAM
- 100-YEAR FLOODPLAIN BOUNDARY
- A 0.593 A — CROSS-SECTION & HEC-2 I.D.
- B(996.45) / F(996.91) / Q_{100} = 3154 c.f.s. — 100-YEAR BASE FLOOD ELEVATION / FLOODWAY ELEVATION / 100-YEAR DISCHARGE
- 995 — BASE FLOOD ELEVATION
- ERM 1 X — ELEVATION REFERENCE MARK
- ZONE AE — FLOOD INSURANCE RATE ZONE
- APPROXIMATE FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY

ERM 2 — ELEVATION = 993.27

ALUMINUM CAP IN CONCRETE AT SOUTH END OF CONCRETE IRRIGATION CANAL LOCATED 0.5 MI. SOUTH OF BASELINE ROAD AND ROUGHLY 175' WEST OF 67TH AVENUE EXTENDED.

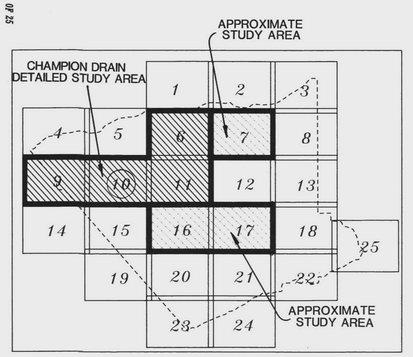
ERM 3 — ELEVATION = 1001.25

A.D.O.T. ALUMINUM CAP IN CONCRETE ROUGHLY 60' EAST AND 60' SOUTH OF THE EASTERLY INTERSECTION OF 59TH AVENUE AND BASELINE ROAD BY TRANSMISSION POLE #25. CAP IS STAMPED "B.M. SWL NO. 25 1986".

ERM 4 — ELEVATION = 1010.26

BRASS CAP IN HANDHOLE AT INTERSECTION OF BASELINE ROAD AND 51ST AVENUE.

PRELIMINARY



N W E S

JUN 03 1992

400 200 0 200 400 600

SCALE: 1"=400'

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY
FLOODPLAIN DELINEATION WORK MAP

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SSS
DATE:	APR. 1992
JOB No.	92910-02-32
SHEET	10 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 6 OF 25

MATCH TO SHEET 10 OF 25

MATCH TO SHEET 12 OF 25

MATCH TO SHEET 16 OF 25

PRELIMINARY

N
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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC, 1990
JOB No.	40910-02-32
SHEET	11 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCHLINE MATCH TO SHEET 6 OF 25 SHEET 6

MATCH TO SHEET 10 OF 25

MATCH TO SHEET 12 OF 25

MATCH TO SHEET 16 OF 25

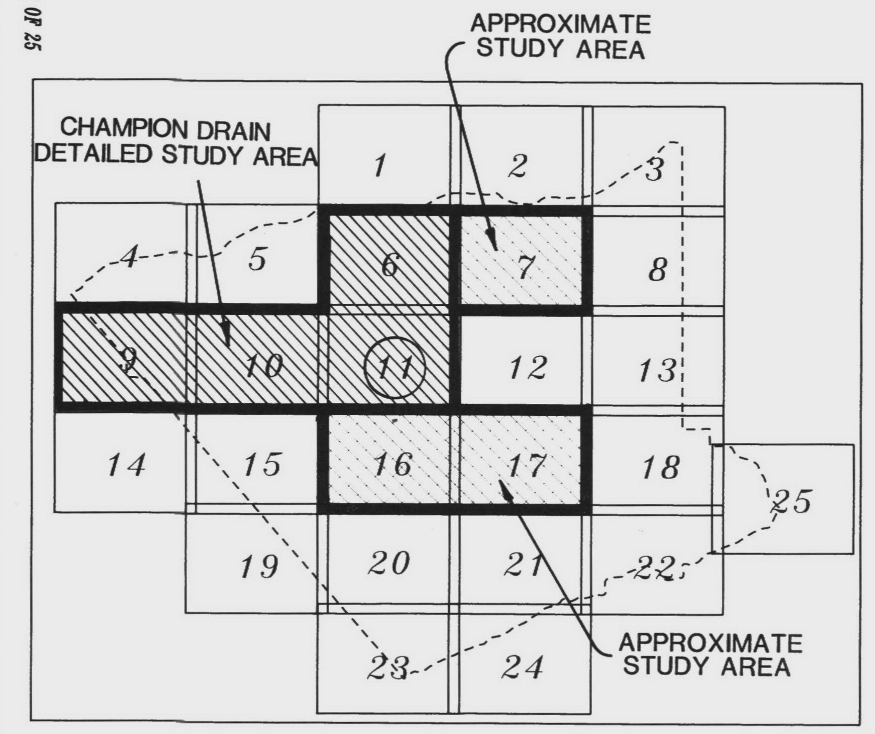
LEGEND

(line symbol)	CENTERLINE OF STREAM
(line symbol)	100-YEAR FLOODPLAIN BOUNDARY
A 0593 A	CROSS-SECTION & HEC-2 I.D.
B(996.45)	100-YEAR BASE FLOOD ELEVATION
F(996.91)	FLOODWAY ELEVATION
Q_{100} = 3154 cfs	100-YEAR DISCHARGE
995	BASE FLOOD ELEVATION
ERM 1 ×	ELEVATION REFERENCE MARK
ZONE AE	FLOOD INSURANCE RATE ZONE
(dashed line)	APPROXIMATE FLOODPLAIN BOUNDARY
(dashed line)	FLOODWAY BOUNDARY

ERM 4 ELEVATION = 1010.26

BRASS CAP IN HANDHOLE AT INTERSECTION OF BASELINE ROAD AND 51ST AVENUE.

PRELIMINARY



JUN 03 1992

SCALE: 1"=400'

REVISION:	LAVEEN AREA DRAINAGE MASTER STUDY FLOODPLAIN DELINEATION WORK MAP	SCALE: 1"=400' CONTOUR INTERVAL: 2' DESIGN: JCC DRAWN: DAL CHECKED: SSS DATE: APR, 1992 JOB No. 40916-02-32 SHEET 11 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

MATCH TO SHEET 7 OF 25

MATCH TO SHEET 11 OF 25

MATCH TO SHEET 13 OF 25

MATCH TO SHEET 17 OF 25

PRELIMINARY

N
W
E
S

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC., 1990
JOB No.	402116-02-32
SHEET	12 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 6 OF 25

MATCH TO SHEET 12 OF 25

MATCH TO SHEET 18 OF 25

PRELIMINARY

N
W
E
S

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

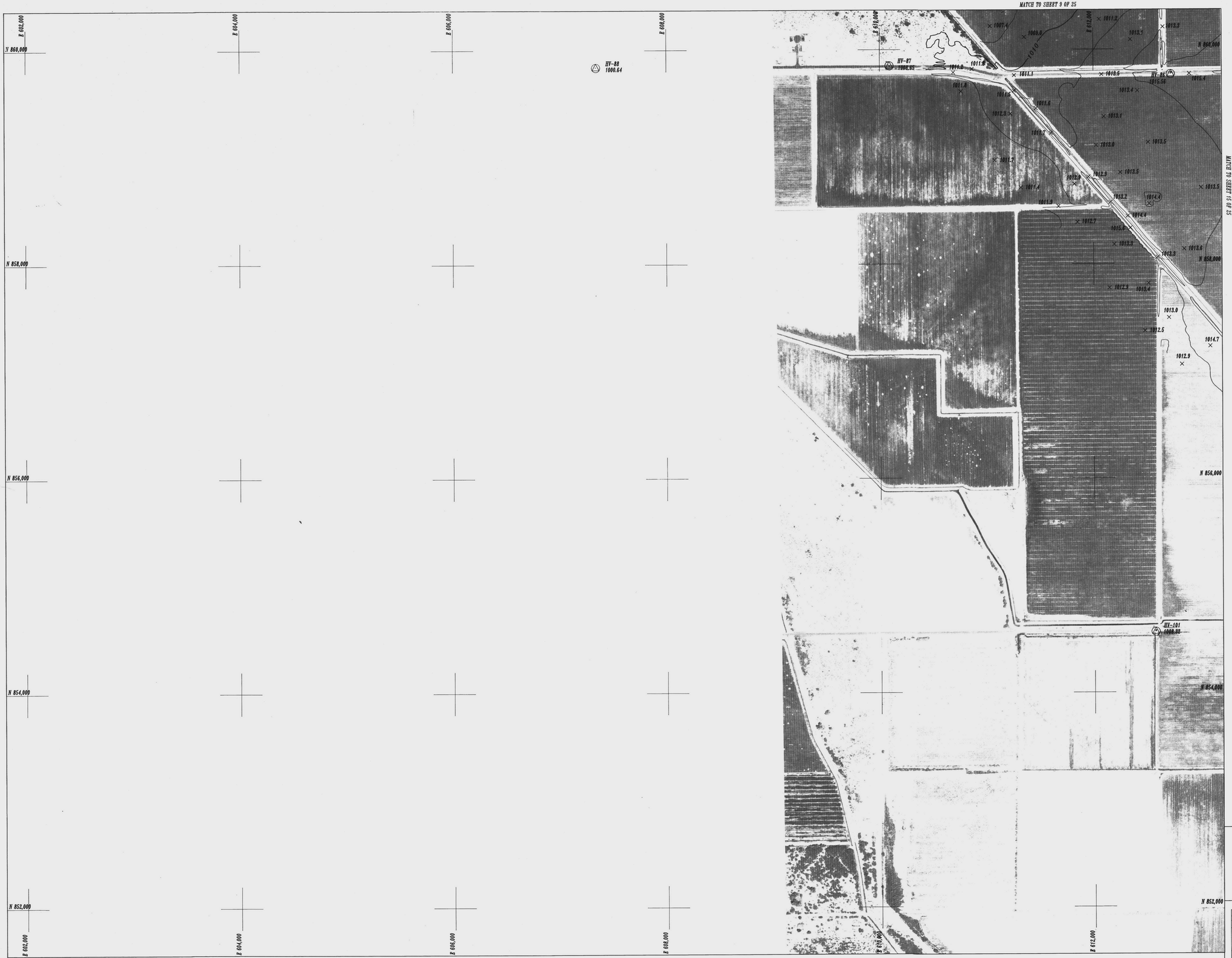
MAPPING BY:
COOPER AERIAL OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

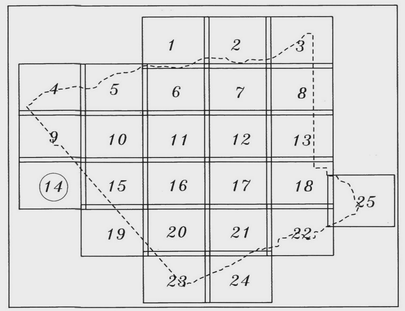
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	PJE
DRAWN:	DAL
CHECKED:	SSS
DATE:	DEC, 1990
JOB No.	40916-02-32
SHEET	13 OF 25

CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999



PRELIMINARY



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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	14 OF 25

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 10 OF 25

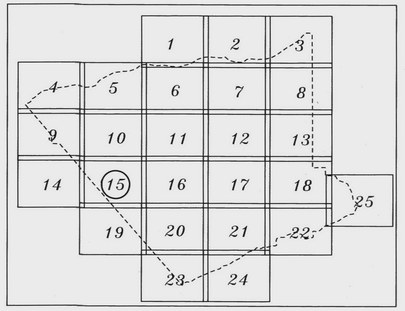
MATCH TO SHEET 14 OF 25

MATCH TO SHEET 16 OF 25

MATCH TO SHEET 19 OF 25

STREET NAMES ?

PRELIMINARY



400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	15 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 11 OF 25

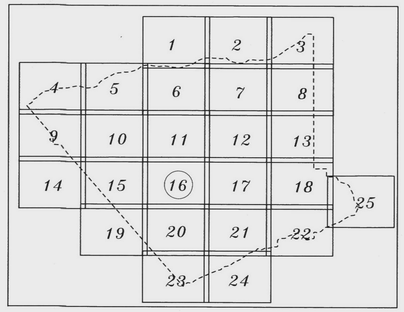
MATCH TO SHEET 15 OF 25

MATCH TO SHEET 17 OF 25

MATCH TO SHEET 20 OF 25

STREET NAMES ?

PRELIMINARY



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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	16 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 542-2999

MATCH TO SHEET 11 OF 25

MATCH TO SHEET 15 OF 25

MATCH TO SHEET 17 OF 25

MATCH TO SHEET 20 OF 25

ZONE X

ZONE A

ZONE AE

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

LEGEND

——·——·——	CENTERLINE OF STREAM
————	100-YEAR FLOODPLAIN BOUNDARY
A 0.593 A	CROSS-SECTION & HEC-2 I.D.
B(996.45)	100-YEAR BASE FLOOD ELEVATION
Q_{100} = 3154 cfs	100-YEAR DISCHARGE
995	BASE FLOOD ELEVATION
ERM 1 X	ELEVATION REFERENCE MARK
ZONE AE	FLOOD INSURANCE RATE ZONE
– – – – – –	APPROXIMATE FLOODPLAIN BOUNDARY

ERM 9 ELEVATION = 1144.34

ALUMINUM CAP IN CONCRETE AT S.E. CORNER OF WESTERN CANAL AND 32ND AVENUE.

PRELIMINARY

APPROXIMATE STUDY AREA

CHAMPION DRAIN DETAILED STUDY AREA

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

APPROXIMATE STUDY AREA

N W E S

JUN 0 3 1992

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY
FLOODPLAIN DELINEATION WORK MAP

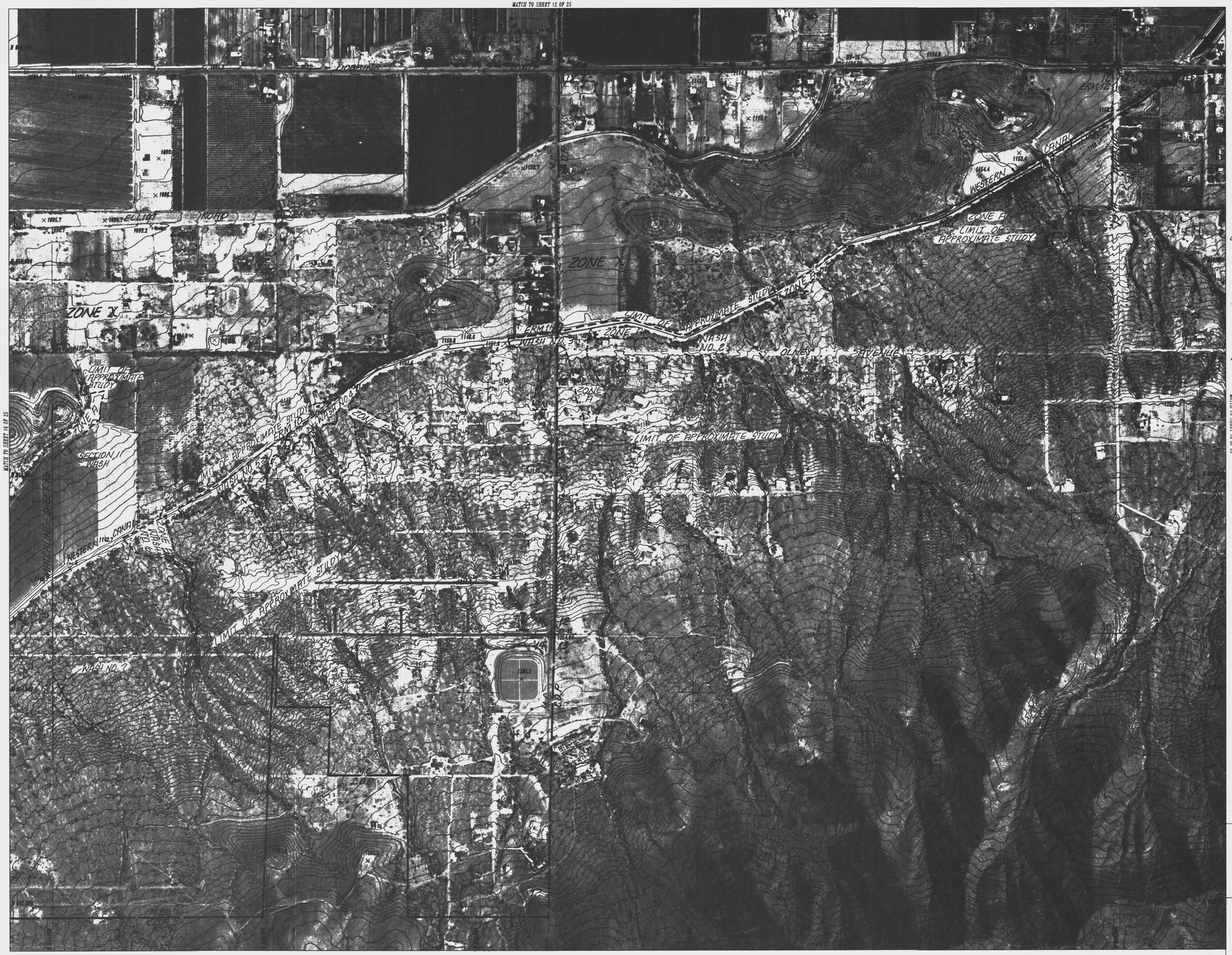
SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SSS
DATE:	APR., 1992
JOB No.	40916-02-32
SHEET	16 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 12 OF 25



MATCH TO SHEET 18 OF 25

MATCH TO SHEET 16 OF 25

MATCH TO SHEET 21 OF 25

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

LEGEND

——·——·——	CENTERLINE OF STREAM
————	100-YEAR FLOODPLAIN BOUNDARY
(A) 0.593 (A)	CROSS-SECTION & HEC-2 I.D.
B(996.45)	100-YEAR BASE FLOOD ELEVATION
Q_{100} = 3154 cfs	100-YEAR DISCHARGE
∿∿∿ 995 ∿∿∿	BASE FLOOD ELEVATION
ERM 1 X	ELEVATION REFERENCE MARK
ZONE AE	FLOOD INSURANCE RATE ZONE
– – – – – –	APPROXIMATE FLOODPLAIN BOUNDARY

ERM 10 — ELEVATION = 1148.95

CHISELED "X" ON NORTH END OF EAST CONCRETE HEADWALL AT WESTERN CANAL AND 31ST AVENUE.

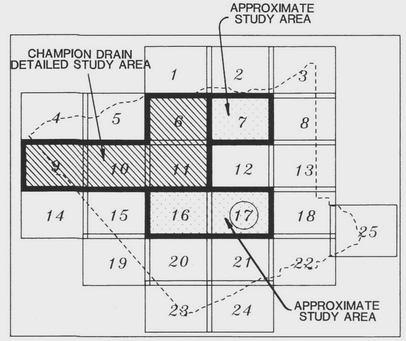
ERM 11 — ELEVATION = 1153.56

ALUMINUM CAP IN NORTH END OF CONCRETE HEADWALL AT N.W. INTERSECTION OF WESTERN CANAL AND 27TH AVENUE.

ERM 12 — ELEVATION = 1152.30

CITY OF PHOENIX BRASS CAP IN INTERSECTION OF 19TH AVENUE AND DOBBINS ROAD.

PRELIMINARY



N
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JUN 0 3 1992

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY
FLOODPLAIN DELINEATION WORK MAP

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SBB
DATE:	APR. 1992
JOB No.	209116-02-32
SHEET	17 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 12 OF 25

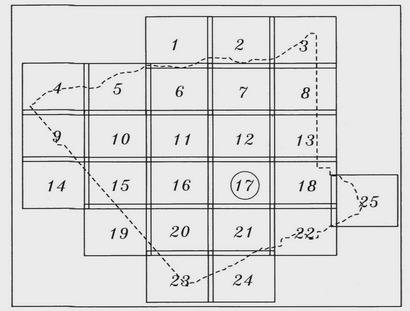
MATCH TO SHEET 16 OF 25

MATCH TO SHEET 18 OF 25

MATCH TO SHEET 21 OF 25

STREET NAMES?

PRELIMINARY



N
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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	17 OF 25

CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 13 OF 25

MATCH TO SHEET 17 OF 25

MATCH TO SHEET 23 OF 25

MATCH TO SHEET 22 OF 25

STREET NAMES:

PRELIMINARY

N
W
E
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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	18 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

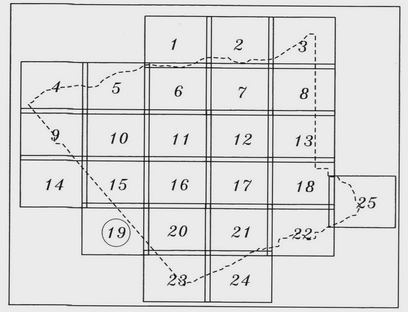
CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 15 OF 25

MATCH TO SHEET 23 OF 25

STREET NAMES ?

PRELIMINARY



SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET 19 OF 25	

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 16 OF 25

MATCH TO SHEET 19 OF 25

MATCH TO SHEET 21 OF 25

MATCH TO SHEET 23 OF 25

STREET NAMES ?

PRELIMINARY

N
W
E
S

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	20 OF 25

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 17 OF 25

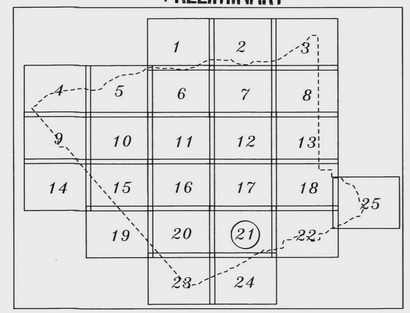
MATCH TO SHEET 20 OF 25

MATCH TO SHEET 22 OF 25

MATCH TO SHEET 24 OF 25

STREET NAMES

PRELIMINARY



N
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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET 21 OF 25	

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

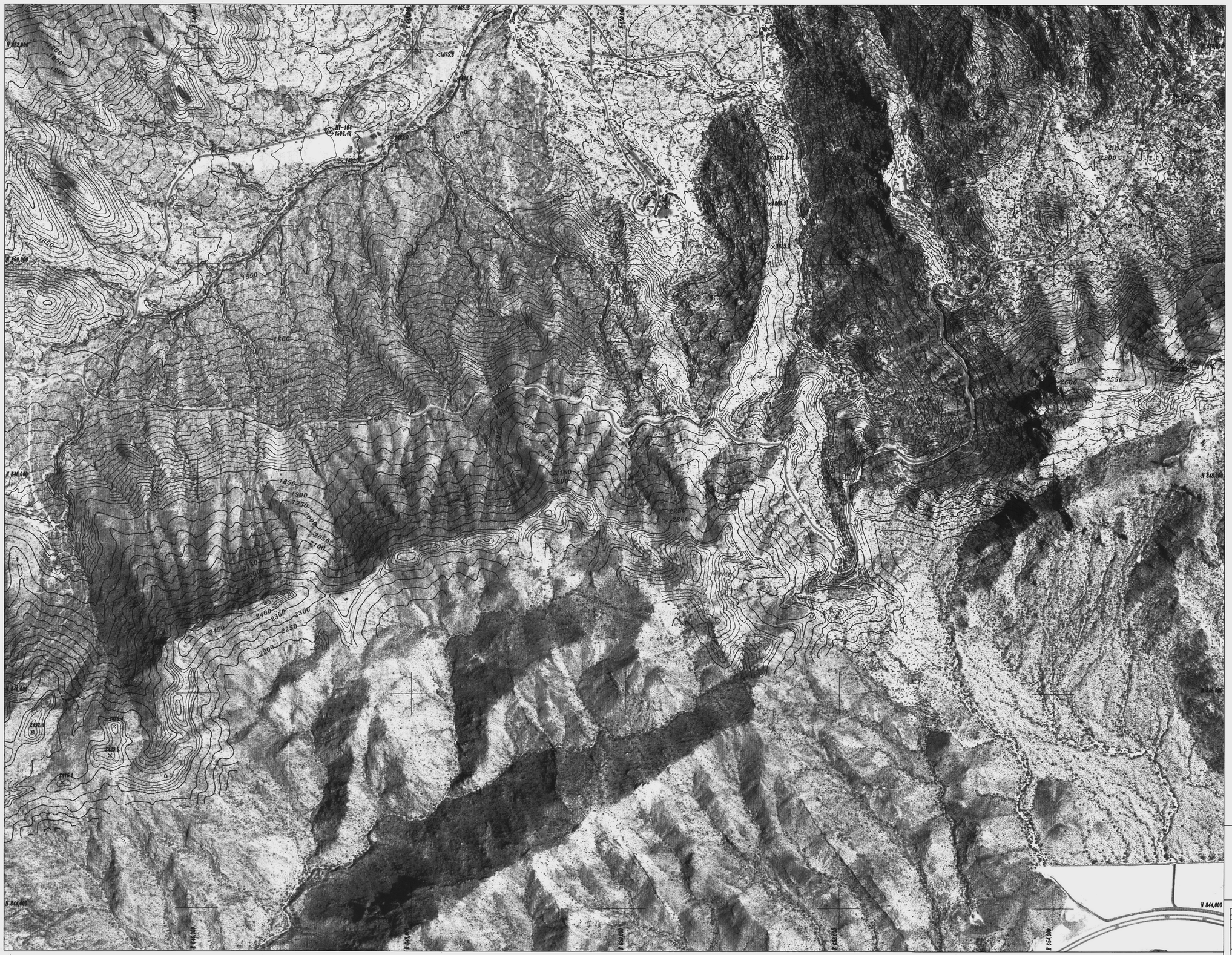
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 18 OF 25

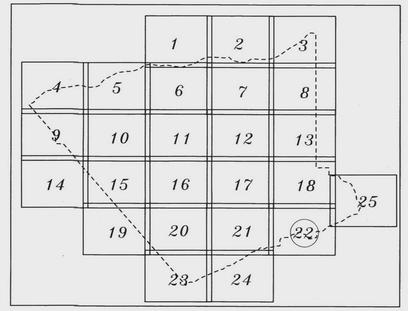
MATCH TO SHEET 21 OF 25

MATCH TO SHEET 23 OF 25



STREET NAMES

PRELIMINARY



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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	22 OF 25

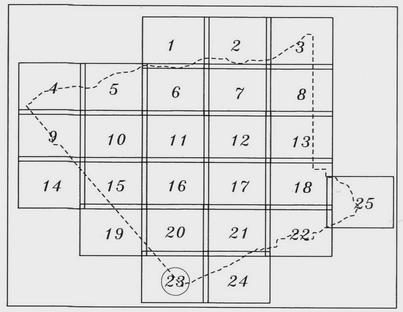
CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 20 OF 25

MATCH TO SHEET 24 OF 25

STREET NAMES?

PRELIMINARY



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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	23 OF 25

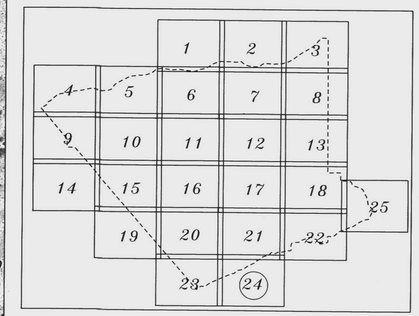
CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 21 OF 25

MATCH TO SHEET 23 OF 25

STREET NAMES

PRELIMINARY



400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	24 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Avenue
Phoenix, Arizona 85015
(602) 242-2999

MATCH TO SHEET 18 OF 25

MATCH TO SHEET 24 OF 25

STREET NAMES

PRELIMINARY

N
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E
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400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY

MAPPING BY:
COOPER AERIAL
OF PHOENIX, INC.
PHOTO DATE: 6-8-90

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	
DRAWN:	
CHECKED:	
DATE:	
JOB No.	
SHEET	25 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Avenue
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