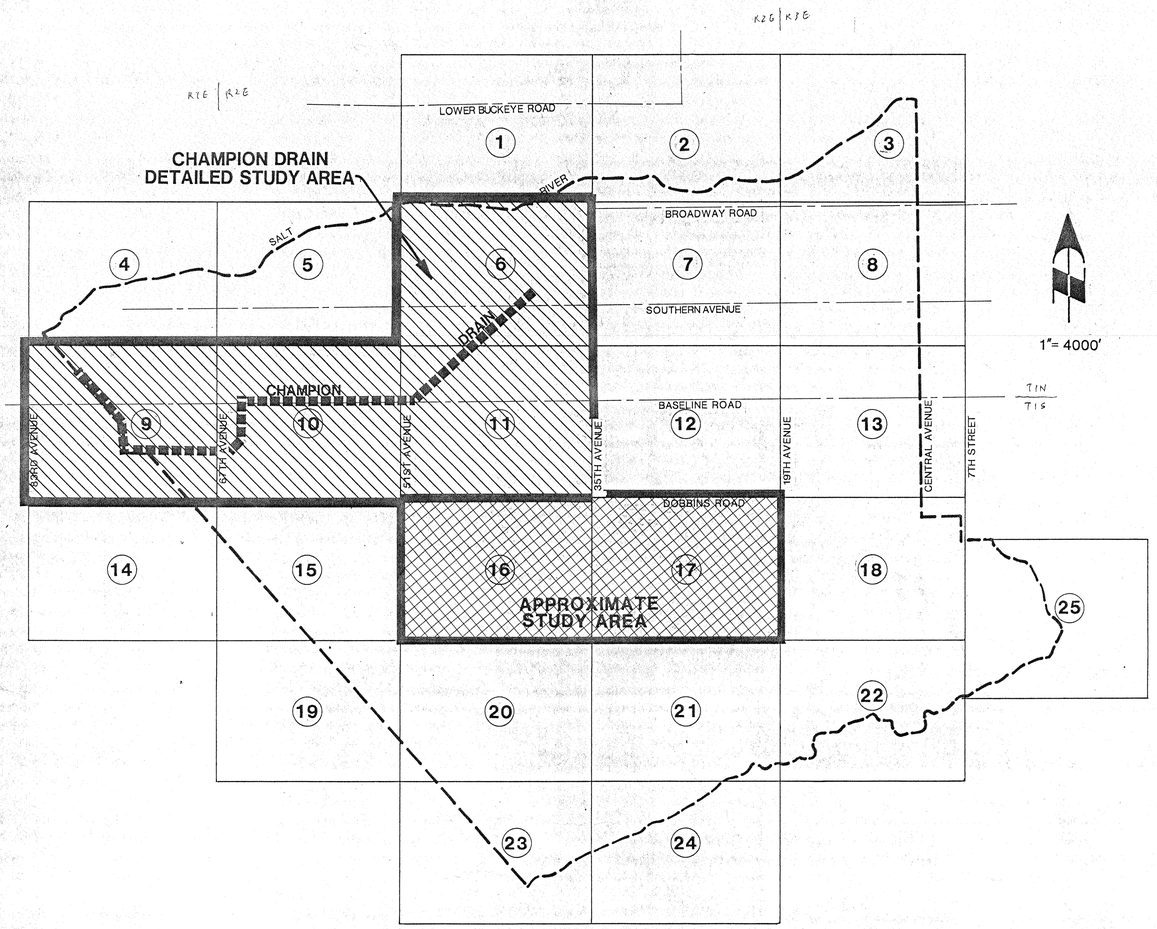
LAVEEN AREA DRAINAGE MASTER STUDY



1"= 4000'

PRELIMINARY

FLOODPLAIN DELINEATION STUDY

WORK MAP INDEX

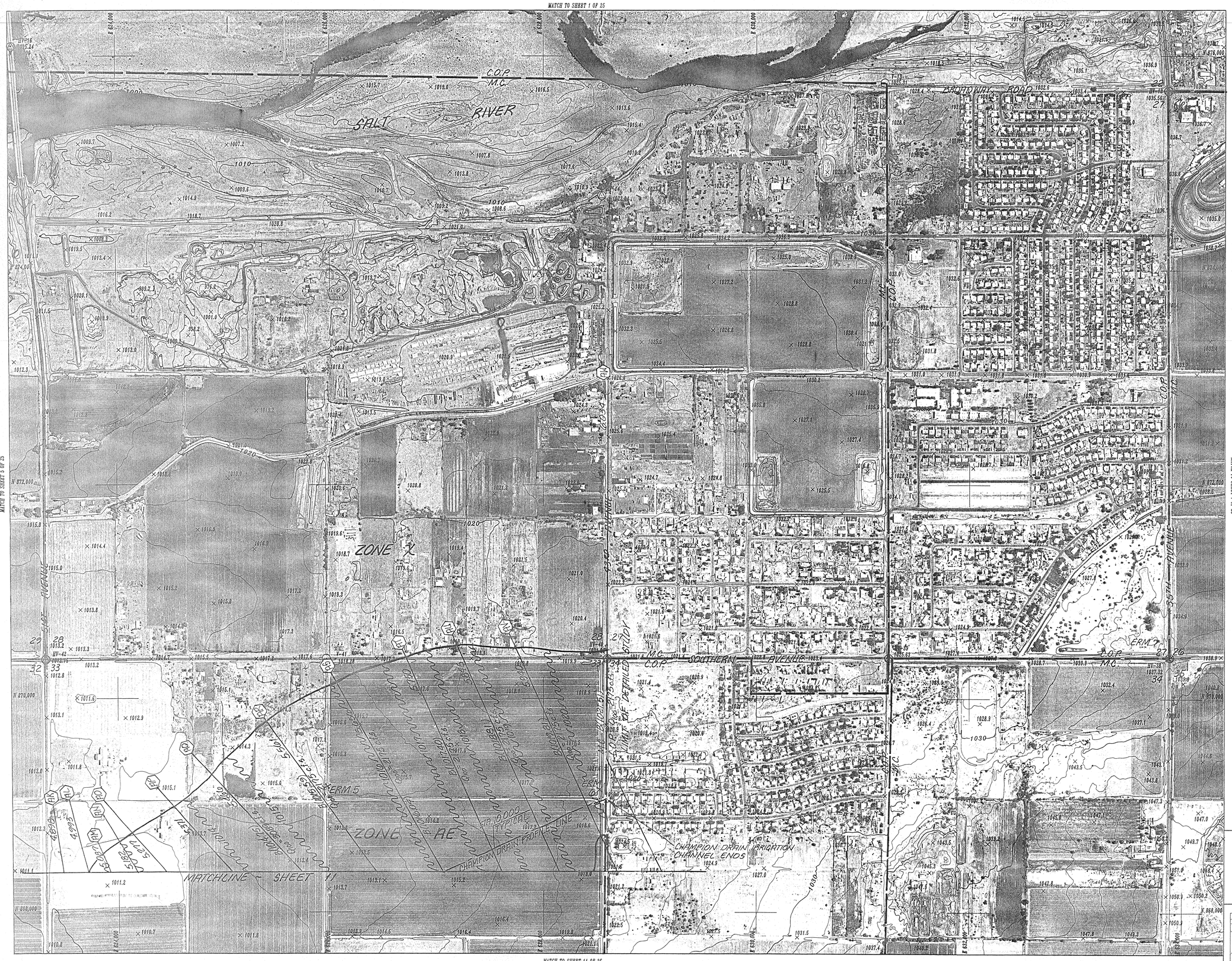
24

JUN 0 3 1992

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



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 ×	ELEVATION REFERENCE MARK
ZONE AE	FLOOD INSURANCE RATE ZONE
- - - - - - -	APPROXIMATE FLOODPLAIN 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.

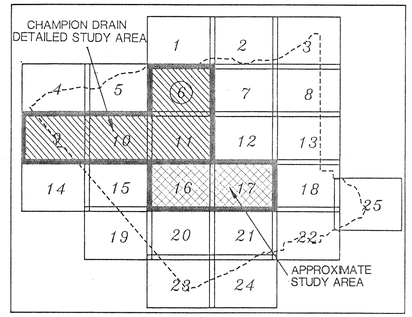
ERM 6 ELEVATION = 1019.96

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



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 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 4 OF 25

SALT RIVER

GILA RIVER INDIAN RESERVATION BOUNDARY

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

LIMIT OF DETAILED STUDY

ZONE AE

ZONE X

BASELINE ROAD

51ST AVENUE

67TH AVENUE

GILA RIVER INDIAN RESERVATION

CHAMPION DRAIN IRRIGATION CHANNEL

SOUTH MOUNTAIN AVENUE

100-YEAR FLOODPLAIN BOUNDARY ASSUMING CHAMPION DRAIN LEVEES FAIL

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

CHAMPION DRAIN PROFILE LINE

ERM 1

ERM 2

MATCH TO SHEET 14 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

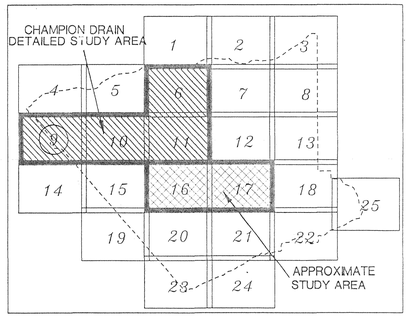
ERM 1 ELEVATION = 984.13

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



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JUN 0 8 1952

400 200 0 200 400 600

SCALE: 1"=400'

MATCH TO SHEET 10 OF 25

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY FLOODPLAIN DELINEATION WORK MAP

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SSS
DATE:	APR. 1992
JOB No.	40216-02-32
SHEET	9 OF 25

CELLA BARR ASSOCIATES
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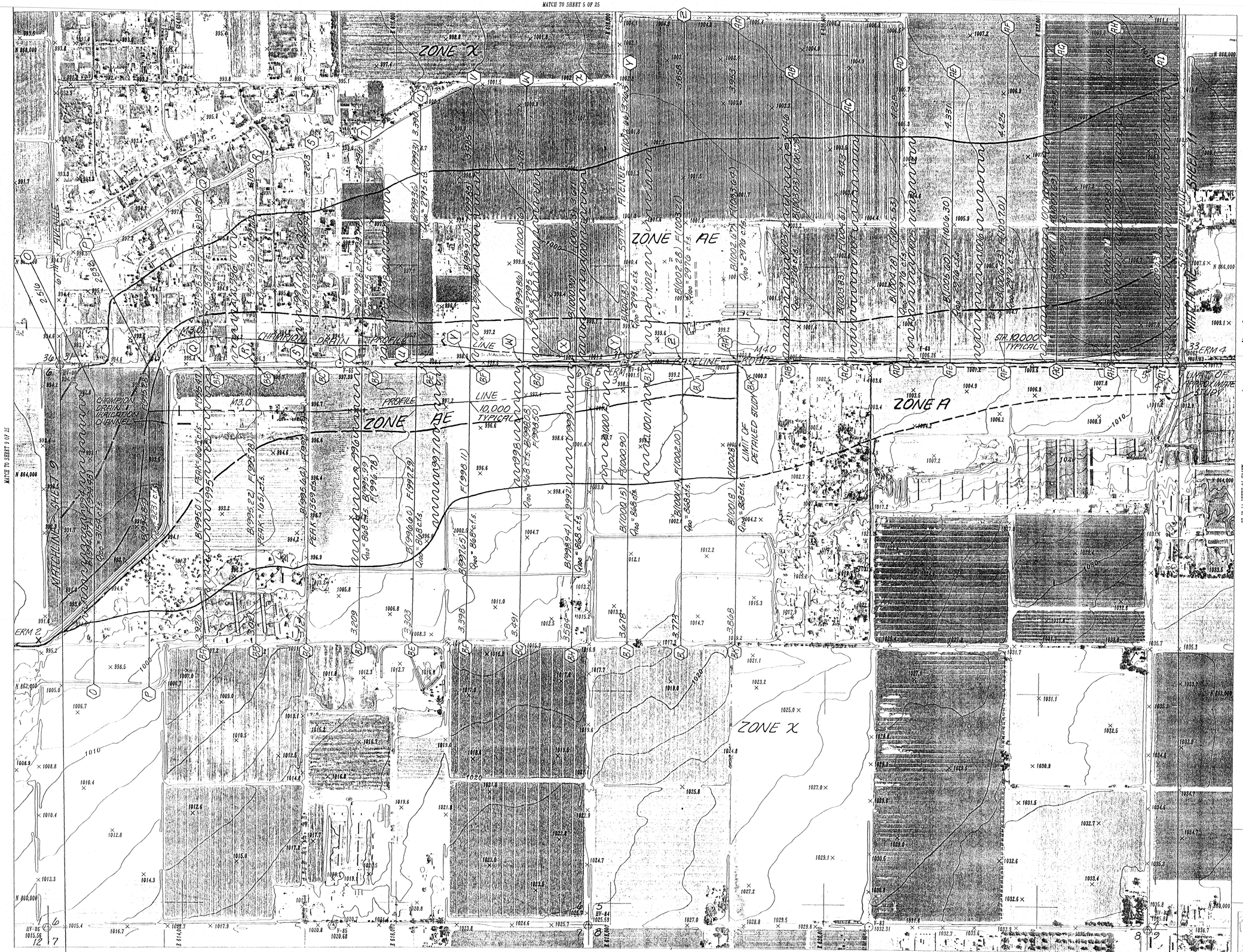
Phoenix, Arizona 85015
(602) 242-2999



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
F(996.91)	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 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.

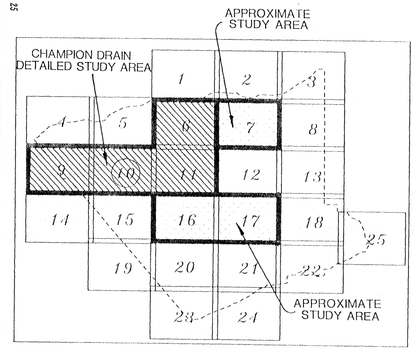
ERM 3 ELEVATION = 1001.25

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 "BM SWL NO. 25 1986".

ERM 4 ELEVATION = 1010.26

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

PRELIMINARY



JUN 03 1992

400 200 0 200 400 600

SCALE: 1"=400'

REVISION:

LAVEEN AREA DRAINAGE MASTER STUDY
FLOODPLAIN DELINEATION WORK MAP

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

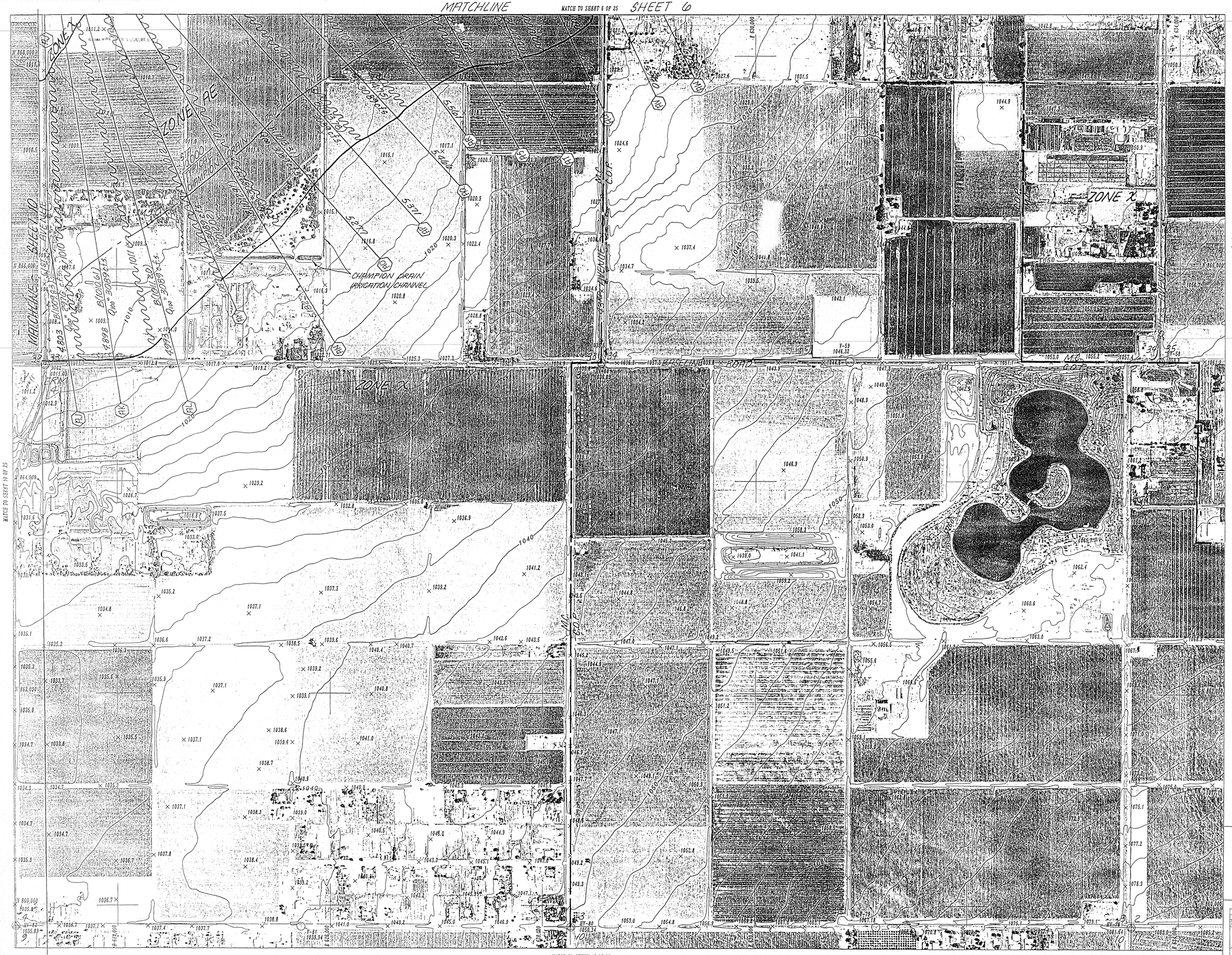
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

SCALE:	1"=400'
CONTOUR INTERVAL:	2'
DESIGN:	JCC
DRAWN:	DAL
CHECKED:	SSS
DATE:	APR., 1992
JOB No.	40916-02-32
SHEET	10 OF 25

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

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

MATCHLINE MATCH TO SHEET 6 OF 25 SHEET 6



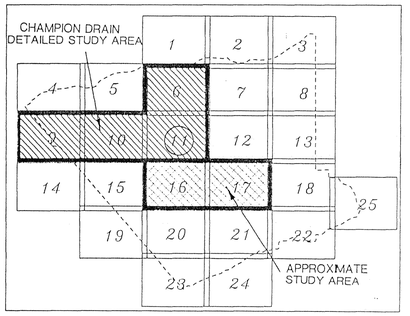
LEGEND

— · — · —	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 4 ELEVATION = 1010.26

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

PRELIMINARY



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 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

MAPPING BY COOPER AERIAL OF PHOENIX, INC.

MATCH TO SHEET 11 OF 25

MATCH TO SHEET 15 OF 25

MATCH TO SHEET 20 OF 25

MATCH TO SHEET 17 OF 25

LEGEND

- CENTERLINE OF STREAM
- 100-YEAR FLOODPLAIN BOUNDARY
- (A) 0.533 (A) CROSS-SECTION & HEC-2 I.D.
- B(996.45) 100-YEAR BASE FLOOD ELEVATION
- Q100 = 3154 c.f.s 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

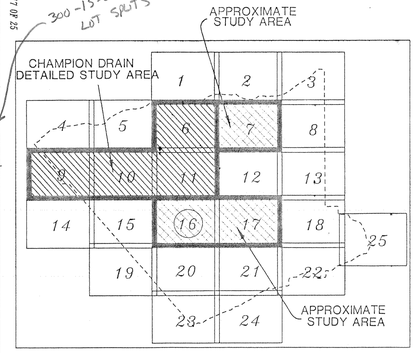
ALUMINUM CAP IN CONCRETE AT S.E. CORNER OF WESTERN CANAL AND 32ND AVENUE.

PRELIMINARY

300-15-013 D LOT SPLITS

APPROXIMATE STUDY AREA

CHAMPION DRAIN DETAILED STUDY AREA



APPROXIMATE STUDY AREA

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JUN 0 3 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. 209116-02-32
		SHEET 16 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
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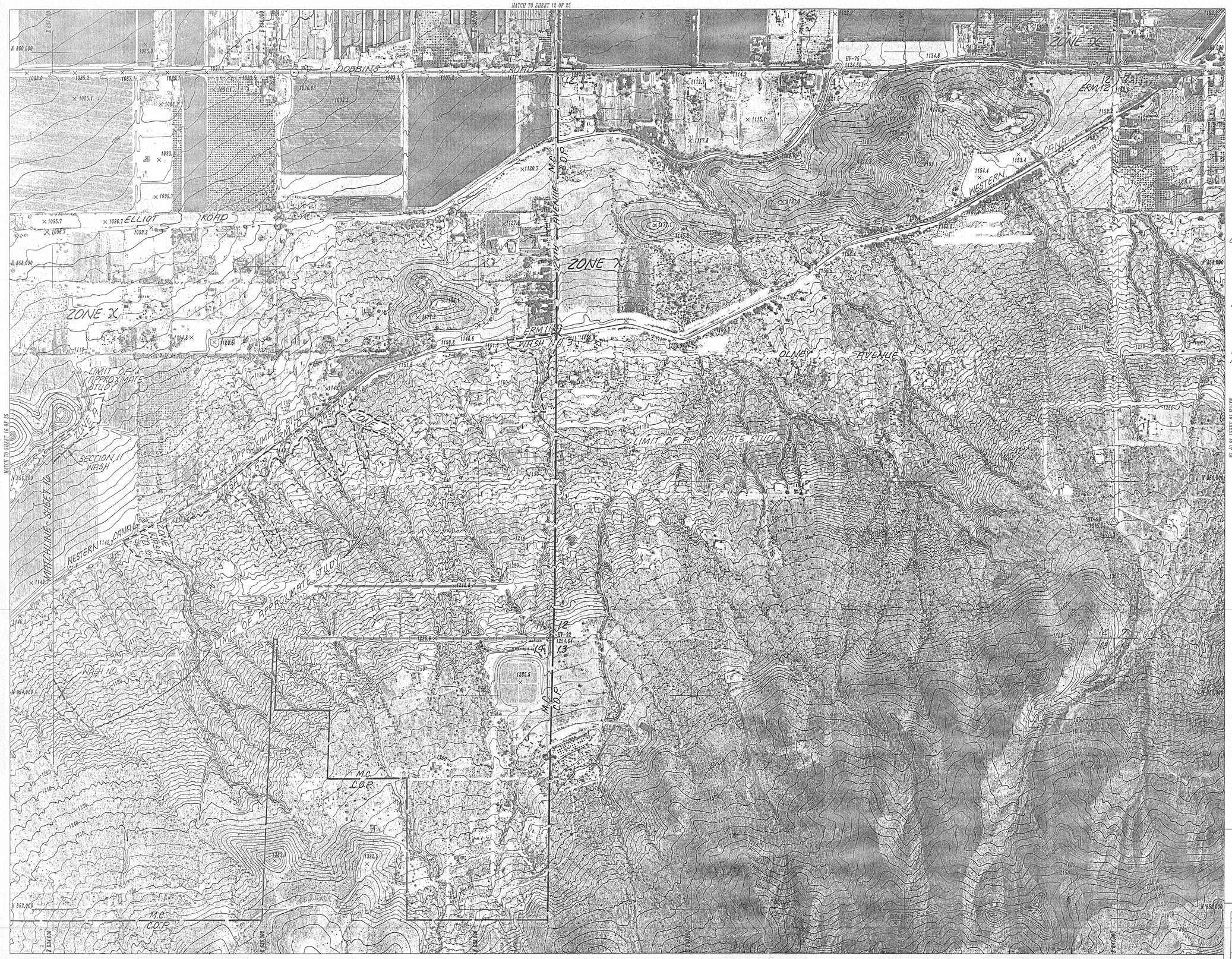


LEGEND

— · — · —	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.

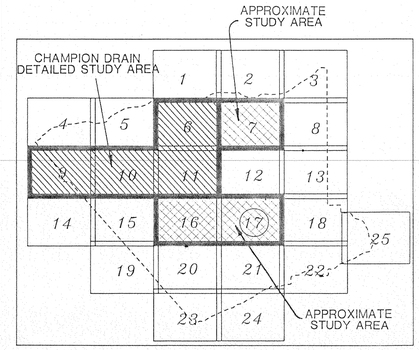
ERM 11 ELEVATION = 1153.56

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
W E
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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: SSS
		DATE: APR., 1992
		JOB No. 40916-02-32
		SHEET 17 OF 25

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY 1959

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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MAPPING BY COOPER AERIAL OF PHOENIX, INC.