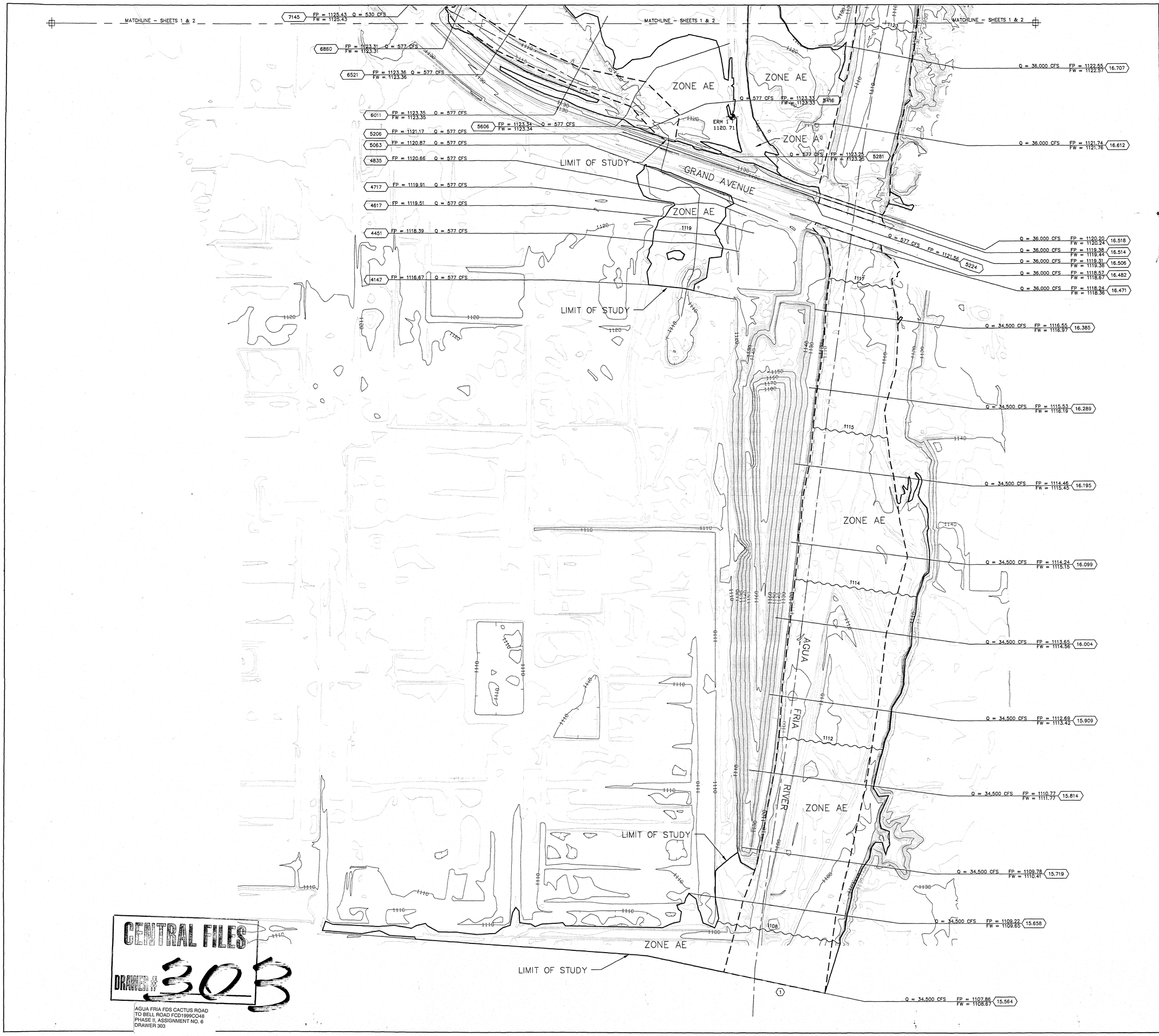



# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## PRELIMINARY

FLOOD DELINEATION STUDY OF AGUA FRIA RIVER - CACTUS RD. TO APPROX. BELL ROAD

F.C.D. CONTRACT NO. 1999C048
ASSIGNMENT NO. 6 - PHASE II

## LEGEND

100-YR FLOODPLAIN BOUNDARY
100-YR FLOODWAY BOUNDARY
HYDRAULIC BASELINE
CROSS SECTION — FP = 100 YR WSE, FW = FLOODWAY (2)
BASE FLOOD ELEVATIONS — 1224
ZONE DESIGNATIONS — ZONE AE
SPOT ELEVATIONS — 72.6 ×
ELEVATION REFERENCE MARKS — ERM 1
DRAWING NOTES — (1)

## ELEVATION REFERENCE MARKS

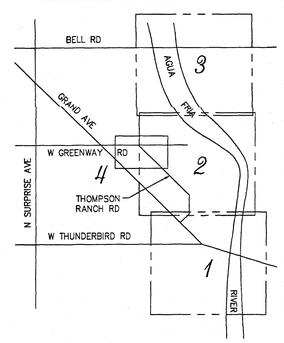
ERM 1 [ELEVATION = 1120.71]
STONE WITH CHISLED "+" (SEC CORNER) NORTH OF GRAND AVE. ALONG WOOD POWER POLE LINE ON WEST SIDE OF PAVED ROAD.

## NOTES THIS SHEET

(1) CROSS SECTION GEOMETRY AND WATER SURFACE ELEVATIONS COPIED FROM EFFECTIVE MODEL.

## REVISIONS

## INDEX MAP




Registered Professional Engineer (Civil) CERTIFICATE NO. 36225 GARY E. FREEMAN Date signed 6/19/01 ARIZONA, U.S.A.

200' 0' 200' 400'
SCALE: 1" = 200'
VERTICAL CONTOUR INTERVAL = 2 FEET

ALL ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

WEST Consultants, Inc.

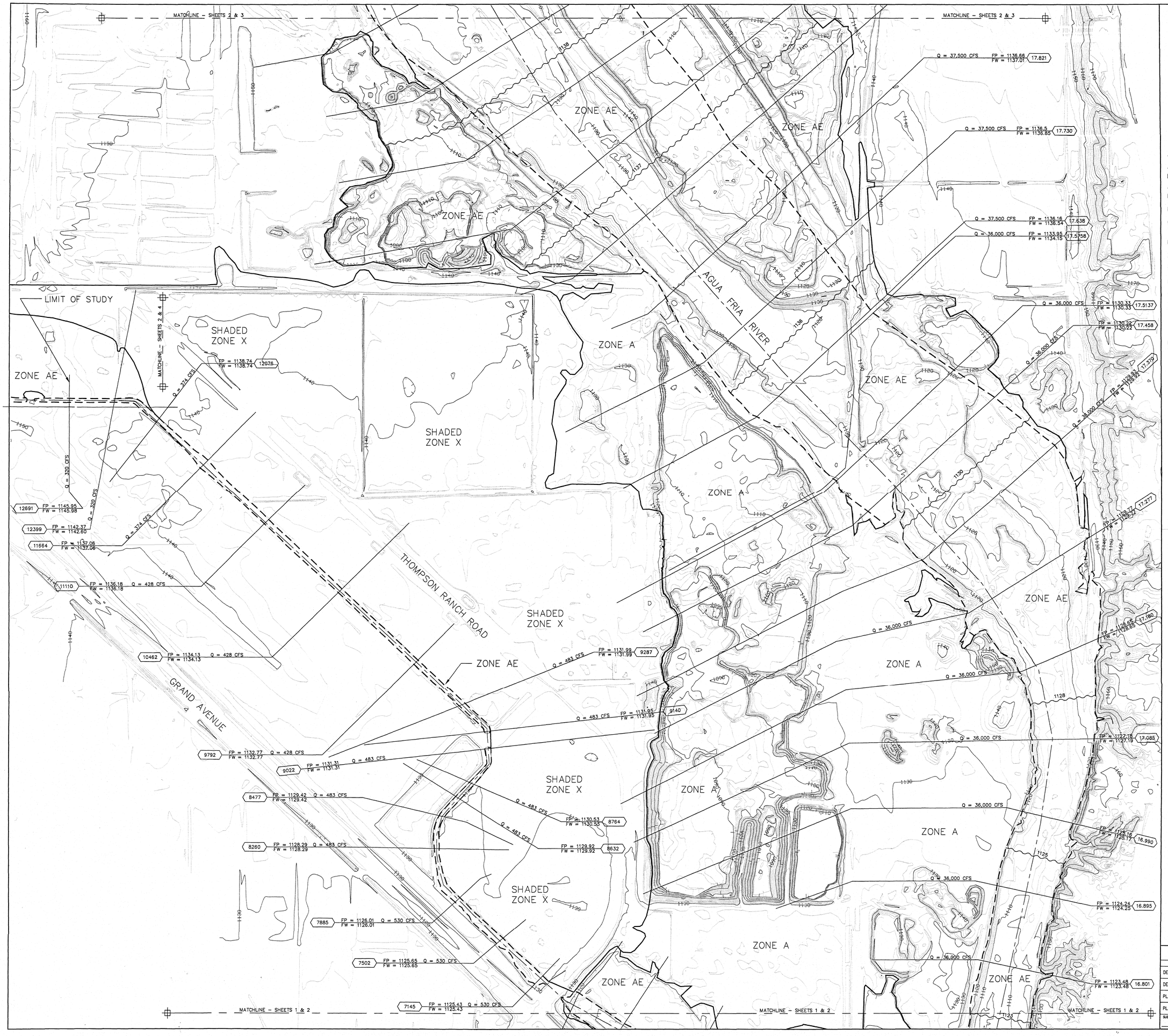
| | BY | DATE |
|---|---|---|
| DESIGN | --- | --- |
| DESIGN CHECK | --- | --- |
| PLANS | JEH | 12/01 |
| PLANS CHECK | GEF | 12/01 |

SUBMITTED BY: DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
RECOMMENDED BY: DATE
APPROVED BY: DATE
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 1 OF 4

CENTRAL FILES
DRAWER # 303
AGUA FRIA FDS CACTUS ROAD TO BELL ROAD FCD1999C048 PHASE II, ASSIGNMENT NO. 6 DRAWER 303




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## PRELIMINARY

FLOOD DELINEATION STUDY OF AGUA FRIA RIVER – CACTUS RD. TO APPROX. BELL ROAD

F.C.D. CONTRACT NO. 1999C048
ASSIGNMENT NO. 6 – PHASE II

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| 100-YR FLOODWAY BOUNDARY | |
| HYDRAULIC BASELINE | |
| CROSS SECTION | FP = 100 YR WSE / FW = FLOODWAY (2) |
| BASE FLOOD ELEVATIONS | 1224 |
| ZONE DESIGNATIONS | ZONE AE |
| SPOT ELEVATIONS | 72.6 × |
| ELEVATION REFERENCE MARKS | ERM 1 |
| DRAWING NOTES | (1) |

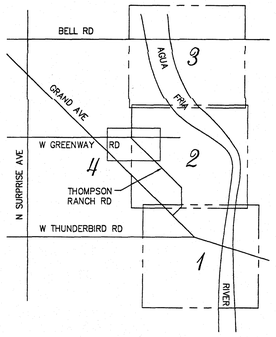
## ELEVATION REFERENCE MARKS

NONE THIS SHEET

## NOTES THIS SHEET

## REVISIONS

## INDEX MAP




REGISTERED PROFESSIONAL ENGINEER (CIVIL) CERTIFICATE NO. 36225 GARY E. FREEMAN ARIZONA, U.S.A.

SCALE: 1" = 200'
200' 0' 200' 400'
VERTICAL CONTOUR INTERVAL = 2 FEET

ALL ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

**WEST Consultants, Inc.**

| | BY | DATE |
|---|---|---|
| DESIGN | --- | --- |
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| PLANS | JEH | 12/01 |
| PLANS CHECK | GEF | 12/01 |

SUBMITTED BY: DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE
APPROVED BY: DATE
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 2 OF 4

# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## PRELIMINARY

FLOOD DELINEATION STUDY OF AGUA FRIA RIVER – CACTUS RD. TO APPROX. BELL ROAD

F.C.D. CONTRACT NO. 1999C048
ASSIGNMENT NO. 6 – PHASE II

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| 100-YR FLOODWAY BOUNDARY | |
| HYDRAULIC BASELINE | |
| CROSS SECTION | FP = 100 YR WSE / FW = FLOODWAY (2) |
| BASE FLOOD ELEVATIONS | 1224 |
| ZONE DESIGNATIONS | ZONE AE |
| SPOT ELEVATIONS | 72.6 × |
| ELEVATION REFERENCE MARKS | ERM 1 |
| DRAWING NOTES | (1) |

## ELEVATION REFERENCE MARKS

ERM 2 [ELEVATION = 1164.34]
ALUMINUM CAP STAMPED "4GA2 1999" COMPRESSED ON A 13.0 FOOT STEEL ROD BURRIED IN GROUND ENCASED BY PVC AND CONCRETE COLLAR.

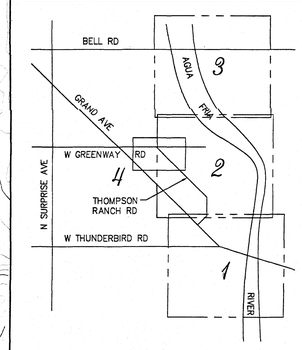
## NOTES THIS SHEET

(1) CROSS SECTION GEOMETRY COPIED FROM EFFECTIVE MODEL.

(2) FLOODWAY ADJUSTED TO TRANSITION INTO EFFECTIVE MODEL AT X-SEC 19.448.

## REVISIONS

## INDEX MAP




Registered Professional Engineer (Civil) CERTIFICATE NO. 36225 GARY E. FREEMAN Date Signed 6/1/01 ARIZONA, U.S.A.

200' 0' 200' 400'
SCALE: 1" = 200'
VERTICAL CONTOUR INTERVAL = 2 FEET

ALL ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

WEST Consultants, Inc.

| | BY | DATE |
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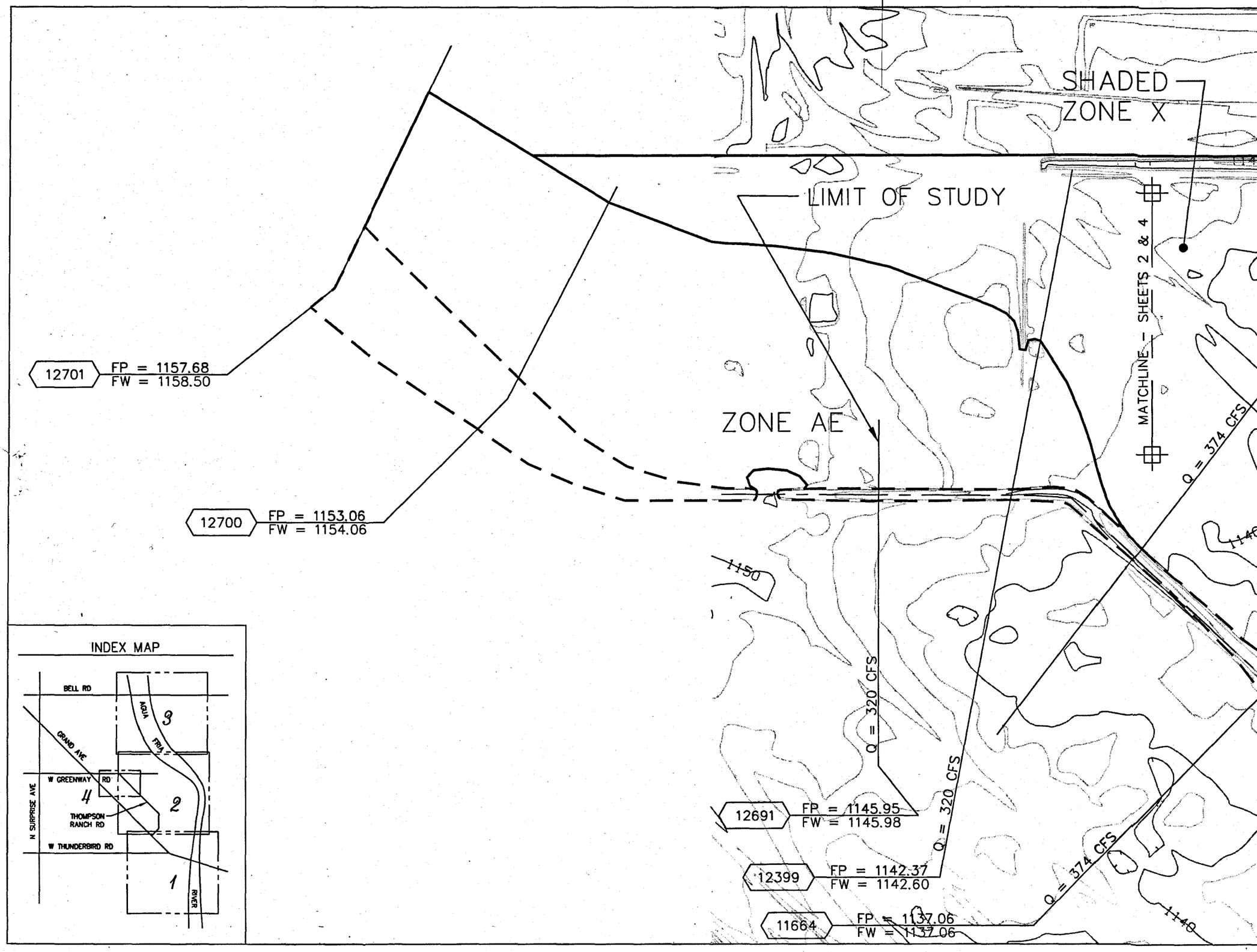
| PLANS | JEH | 12/01 |
| PLANS CHECK | GEF | 12/01 |

SUBMITTED BY: DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE
APPROVED BY: DATE
CHIEF ENGINEER AND GENERAL MANAGER

SHEET 3 OF 4




FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

PRELIMINARY

FLOOD DELINEATION STUDY OF AGUA FRIA RIVER – CACTUS RD. TO APPROX. BELL ROAD

F.C.D. CONTRACT NO. 1999C048
ASSIGNMENT NO. 6 – PHASE II

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| 100-YR FLOODWAY BOUNDARY | |
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| CROSS SECTION | FP = 100 YR WSE, FW = FLOODWAY (2) |
| BASE FLOOD ELEVATIONS | 1224 |
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| ELEVATION REFERENCE MARKS | ERM 1 |
| DRAWING NOTES | (1) |

## NOTES THIS SHEET

Registered Professional Engineer (Civil) CERTIFICATE NO. 36225 GARY E. FREEMAN Date Signed 6/19/01 ARIZONA U.S.A.

100' 0' 100' 200'
SCALE: 1" = 200'
VERTICAL CONTOUR INTERVAL = 2 FEET

ALL ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

WEST Consultants, Inc.

| | BY | DATE |
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

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CHIEF ENGINEER AND GENERAL MANAGER

SHEET 4 OF 4