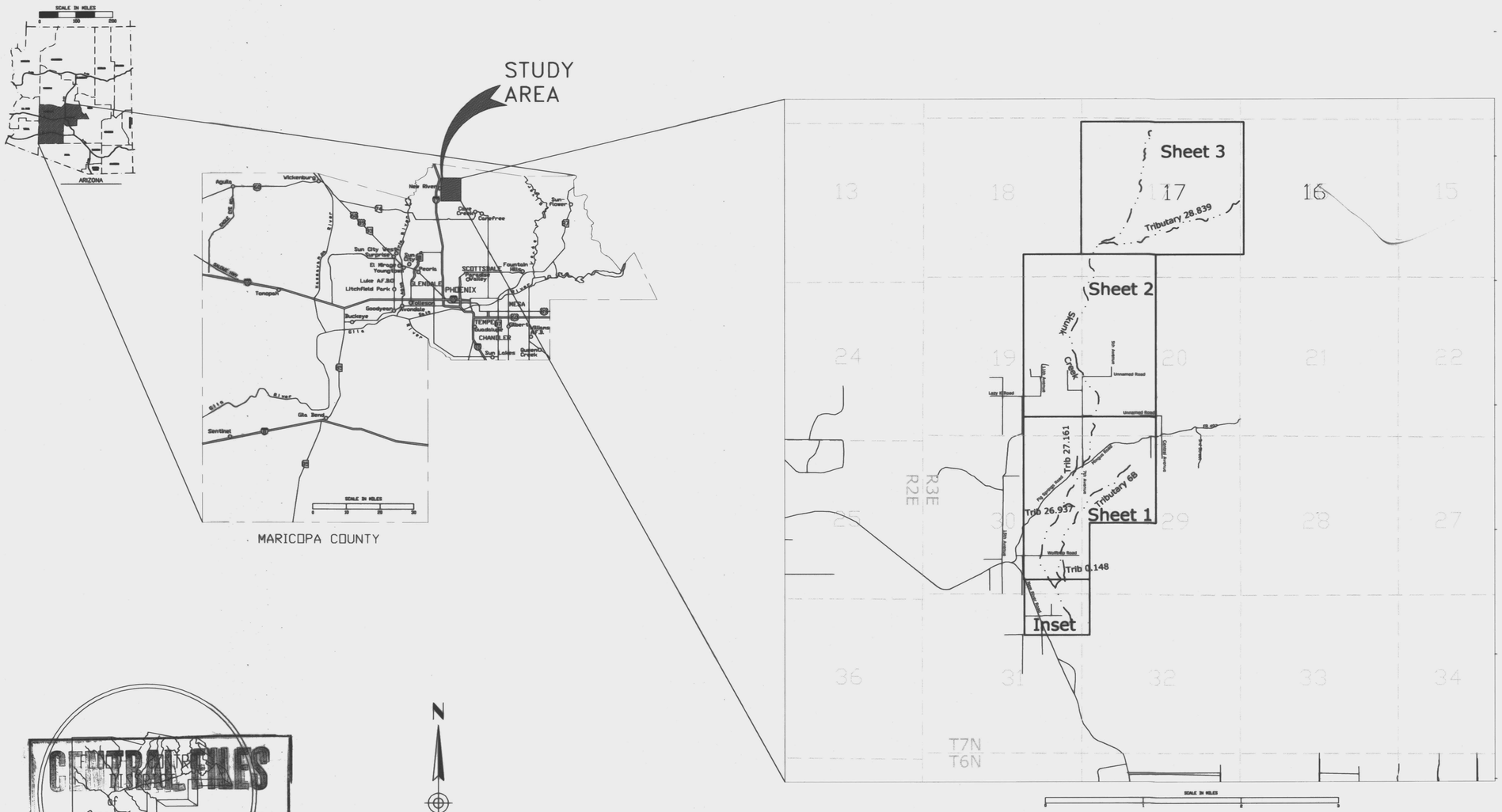
# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## DETAILED ZONE AE AND APPROXIMATE ZONE A FLOODPLAIN DELINEATION STUDY OF UPPER SKUNK CREEK AND TRIBUTARIES ADOBE DAM / DESERT HILLS AREA DRAINAGE MASTER PLAN, FCD 2002C001




NOTES

1. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
2. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

STATEMENTS OF PROFESSIONAL REGISTRANT

THE DETAILED ZONE AE AND APPROXIMATE ZONE A FLOODPLAIN AND FLOODWAY DELINEATIONS ON THE FOLLOWING 3 SHEETS WERE PREPARED UNDER MY DIRECT SUPERVISION USING HYDROLOGY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY FROM FCD 99-23 AND AREA WEIGHTING BASED ON FCD 99-23 PRESENTED UNDER THIS CONTRACT.

Registered Professional Engineer (Civil) CERTIFICATE NO. 29325 BRIAN R. ISERMAN Date Signed 10-4-05 ARIZONA U.S.A.

Brian R. Iserman

THE GROUND CONTROL SURVEY WAS PREPARED UNDER MY DIRECT SUPERVISION.

REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 37174 DANIEL K. MARDOCK 10-17-05 DATE SIGNED ARIZONA U.S.A.


JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
8400 S. Kyrene Road, Suite 201
Tempe, Arizona, 85281
480-752-2124



CENTRAL FILES of MARICOPA COUNTY DRAWER # 308


INDEX SHEET

November, 2004

Detailed Zone AE & Approximate Zone A FDS of Upper Skunk Creek and Tributaries, Adobe Dam / Desert Hills ADMP FDS
JE Fuller Hydrology and Geomorph 2005
FCD 2002C001 Drawer 308

## LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- 100-YR FLOODWAY
- EXISTING FLOODPLAIN BOUNDARY
- EXISTING FLOODWAY
- BASE FLOOD ELEVATION
- HYDRAULIC BASE LINE WITH RIVER MILE
- SECTION BOUNDARY
- CROSS SECTION
- LATERAL STRUCTURE WITH OVERFLOW
- ZONE DESIGNATION: ZONE AE
- CORPORATE LIMITS: Corporate Limits
- COUNTY BOUNDARY: County Boundary
- ELEVATION REFERENCE MARK: RM5
- STATE PLANE COORDINATES: 1,046,800 N, 648,000 E

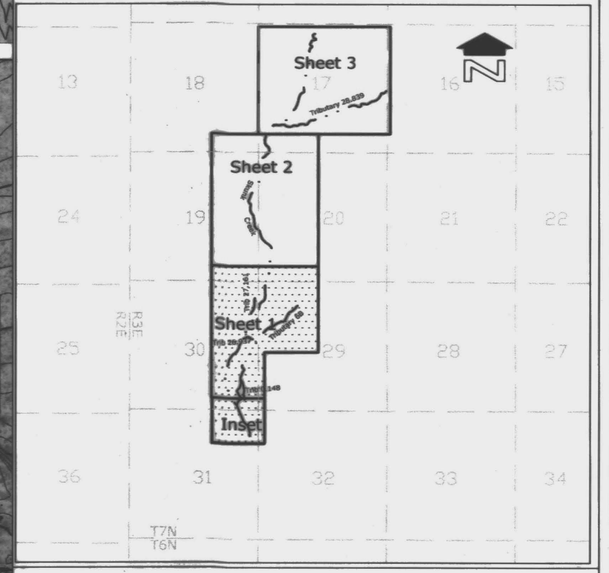
## NOTES

1. SECTION BOUNDARIES PROVIDED BY FCDMC
2. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
3. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

## ELEVATION REFERENCE MARKS

| Station Designation | NAD 83 Northing (feet) | NAD 83 Easting (feet) | NAVD 88 Elevation (feet) | Description |
|---|---|---|---|---|
| RM15174 | 1059630.43 | 649370.21 | 2137.90 | Found Cotton Picker Spindle in asphalt in 7th Avenue at the west side of a gate, 0.4 miles north of the New River Road. |
| RM15175 | 1065852.45 | 649634.14 | 2224.72 | Set rebar and aluminum cap, stamped FCD 5175, approximately 50 feet west southwest of the northwest corner of Section 29, T7N, R3E. |
| RM1NF2 | 1066007.68 | 652528.17 | 2278.81 | GDACs Station 1NF2, NGS Point ID = AJ3744, 3 1/4 Inch Maricopa County brass disk stamped "1NF2", set in a boulder 2.4 feet west of white carsonite marker. (Beyond limits of this map) |

## SHEET INDEX MAP




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## FLOODPLAIN DELINEATION STUDY OF UPPER SKUNK CREEK AND TRIBUTARIES

FCD 2002C001
ADOBE DAM/DESERT HILLS AREA DRAINAGE MASTER PLAN
January, 2006

SCALE IN FEET
200' 0' 200' 400'
CONTOUR INTERVAL = 2 FEET

Registered Professional Engineer — Certificate No. 29326 — Brian R. Iserman — Date Signed 1/1/06 — Not Valid Without Signature and Original Seal

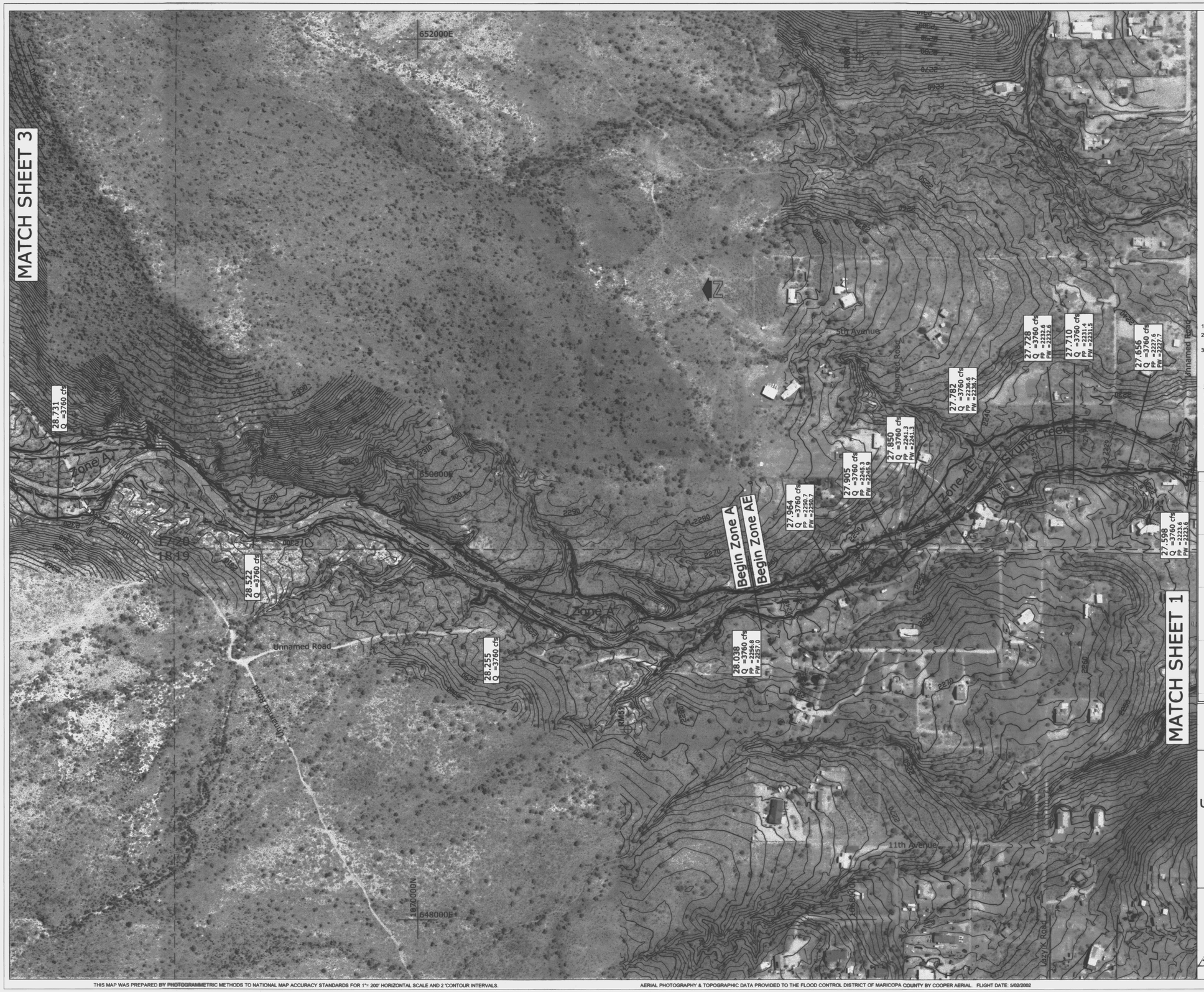
JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
PHONE: 480-553-0123 FAX: 480-553-0125

SHEET 1 OF 3

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 200' HORIZONTAL SCALE AND 2 'CONTOUR INTERVALS.

AERIAL PHOTOGRAPHY & TOPOGRAPHIC DATA PROVIDED TO THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY BY COOPER AERIAL. FLIGHT DATE: 5/02/2002

GROUND CONTROL SURVEY DATA PROVIDED BY RBF CONSULTING.




## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| 100-YR FLOODWAY | |
| EXISTING FLOODPLAIN BOUNDARY | |
| EXISTING FLOODWAY | |
| BASE FLOOD ELEVATION | |
| HYDRAULIC BASE LINE WITH RIVER MILE | 1.0 |
| SECTION BOUNDARY | |
| CROSS SECTION | 28.839 Q = 3760 cfs FP = 2324.4 FW = 2324.6 |
| LATERAL STRUCTURE WITH OVERFLOW | 0.330 208 cfs |
| ZONE DESIGNATION | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY BOUNDARY | County Boundary |
| ELEVATION REFERENCE MARK | RM5 |
| STATE PLANE COORDINATES | 1,046,800 N 648,800 E |

## NOTES

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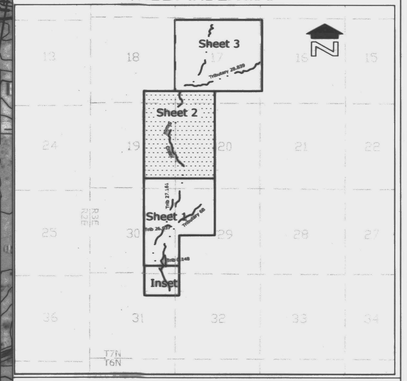
## ELEVATION REFERENCE MARKS

| Station Designation | NAD 83 Northing (feet) | NAD 83 Easting (feet) | NAVD 88 Elevation (feet) | Description |
|---|---|---|---|---|
| RM50 | 1067986.15 | 651915.06 | 2277.89 | Set rebar and aluminum cap, stamped FCD 50, in desert area. No intersections nearby. |
| RM51 | 1069042.14 | 648864.28 | 2276.72 | Set rebar and aluminum cap, stamped FCD 51, in desert area. No intersections nearby. |
| RM1NF2 | 1066007.68 | 652528.17 | 2278.81 | GDACs Station 1NF2, NGS Point ID = AJ3744, 3 1/4 inch Maricopa County brass disk stamped "1NF2", set in a boulder 2.4 feet west of white carsonite marker. (Beyond limits of this map) |

## SHEET INDEX MAP




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## FLOODPLAIN DELINEATION STUDY OF UPPER SKUNK CREEK AND TRIBUTARIES

FCD 2002C001
ADOBE DAM/DESERT HILLS
AREA DRAINAGE MASTER PLAN
April, 2005

Registered Professional Engineer (Civil)
CERTIFICATE NO. 29325
BRIAN R. ISERMAN
Date Signed 10-4-05
ARIZONA, U.S.A.

SCALE IN FEET
200' 0' 200' 400'
CONTOUR INTERVAL = 2 FEET

JE FULLER
HYDROLOGY & GEOMORPHOLOGY, INC.
9400 S. KYRENE ROAD, SUITE 201
TEMPE, ARIZONA 85284
PHONE: 480-753-2124
FAX: 480-839-2193

SHEET 2 OF 3

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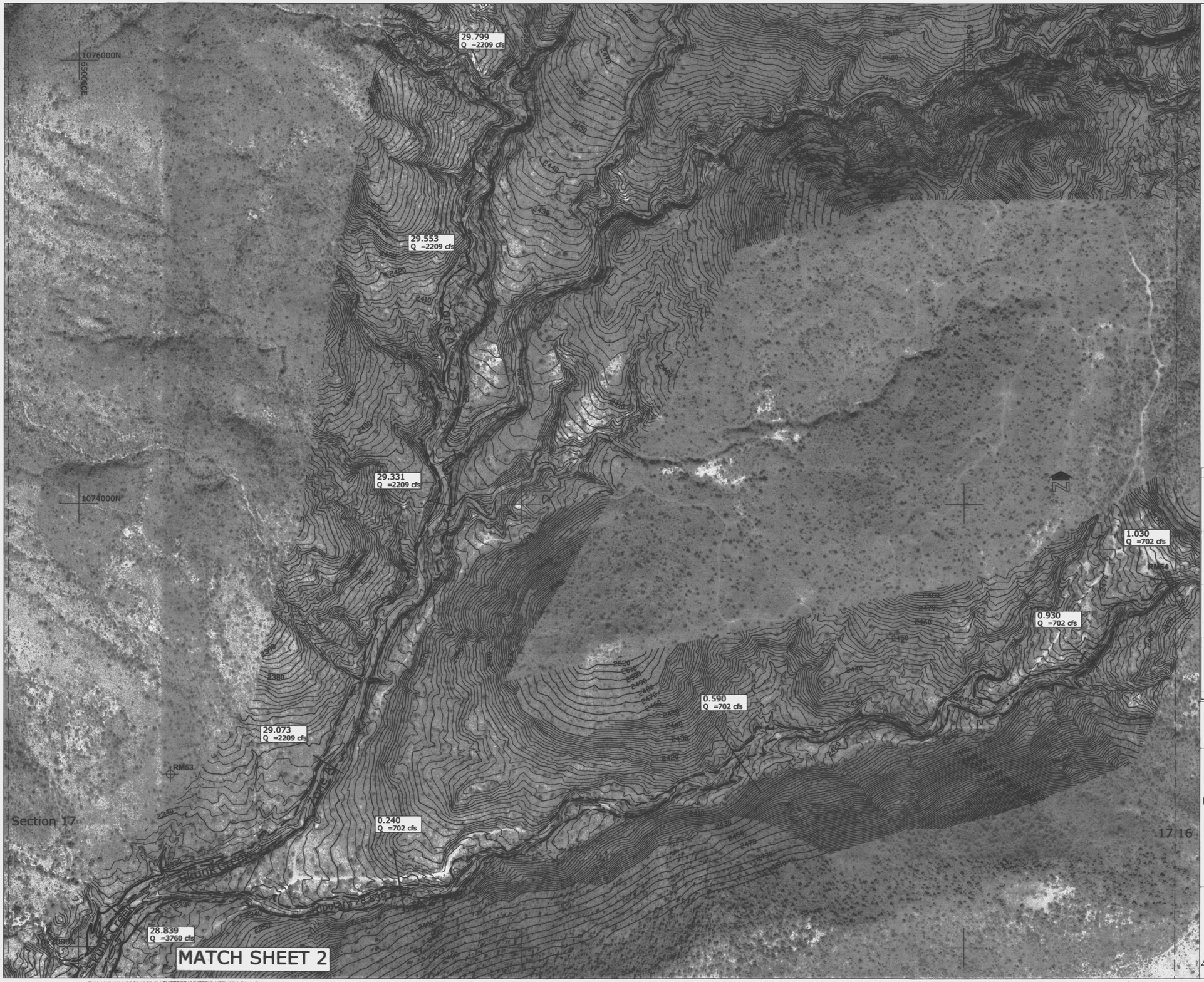


## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| 100-YR FLOODWAY | |
| EXISTING FLOODPLAIN BOUNDARY | |
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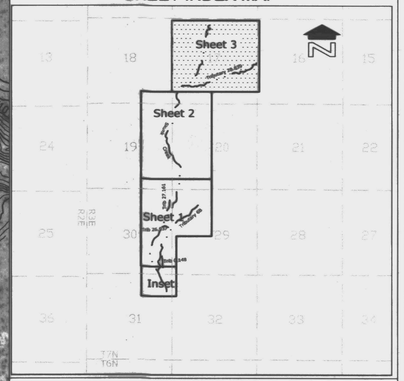
| RM53 | 1072776.660 | 650412.56 | 2363.20 | Set rebar and aluminum cap, stamped FCD 53, in desert area. No intersections nearby. |
| RM54 | 1073658.68 | 654876.99 | 2479.62 | Set rebar and aluminum cap, stamped FCD 54, in desert area. No intersections nearby. |
| RM55 | 1074633.93 | 651440.71 | 2401.08 | Set rebar and aluminum cap, stamped FCD 55, in desert area. No intersections nearby. |
| RM56 | 1076750.47 | 652060.51 | 2468.46 | Set rebar and aluminum cap, stamped FCD 56, in desert area. No intersections nearby. (Beyond limits of this map) |
| RM58 | 1076008.07 | 654524.63 | 2538.53 | Set rebar and aluminum cap, stamped FCD 58, in desert area. No intersections nearby. |

## SHEET INDEX MAP

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SHEET 3 OF 3

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