

**Paper Maps with Q's were  
also scanned and placed  
before the original mylars.**

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	
ELEVATION REFERENCE MARK	ERM-1
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

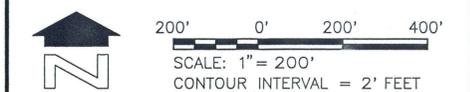
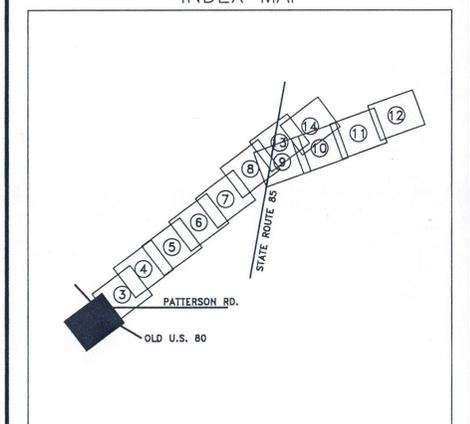
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-1	749.177	Brass Cap in 6' x 6' concrete well casing ±1300' South and ±300' West of the Northeast corner of Section 7, T-4-W, R-3-S.

NOTES

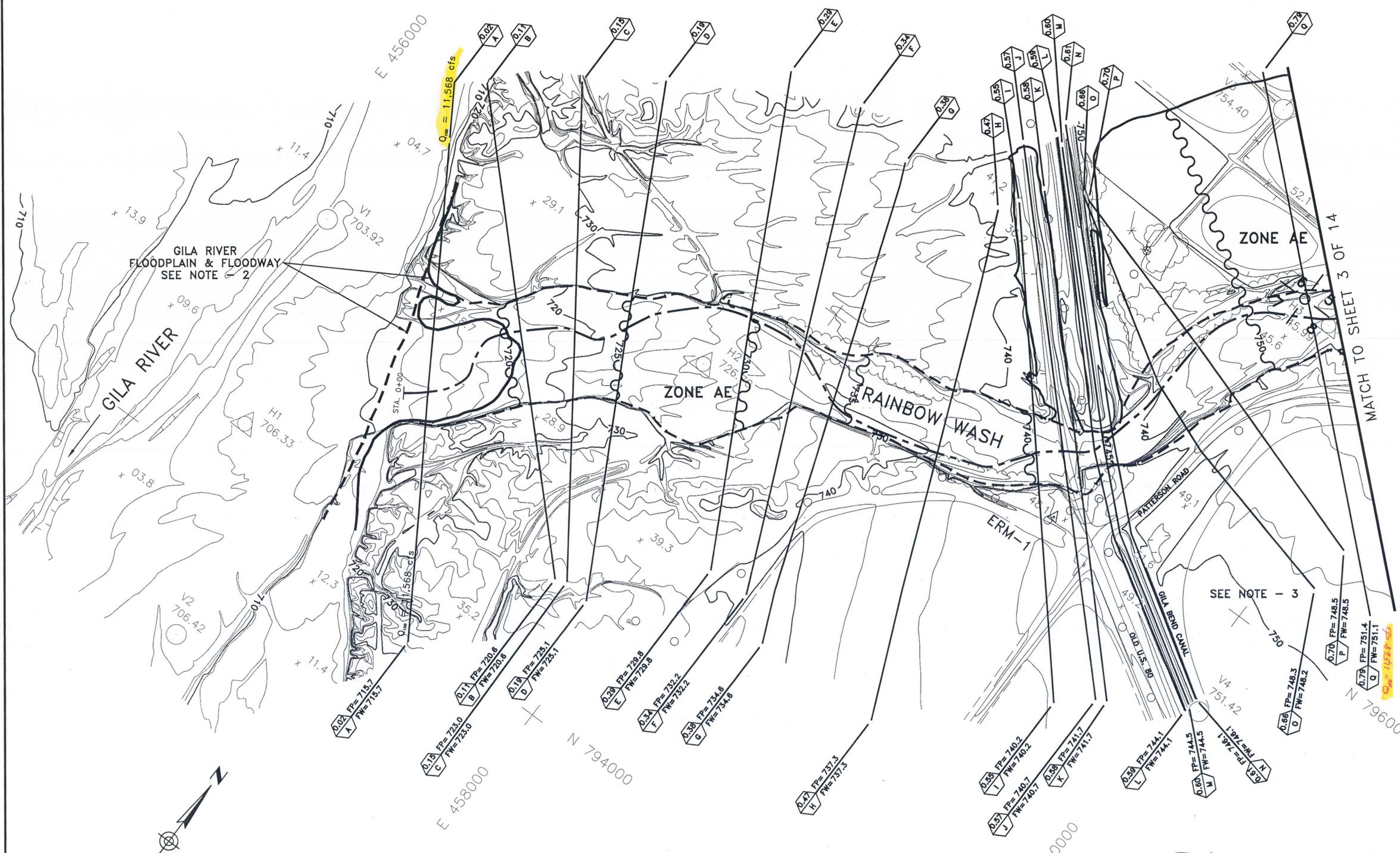
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- GILA RIVER FLOODPLAIN AND FLOODWAY PER GILA RIVER MAP REVISION REQUEST, GILLESPIE DAM TO GILA BEND INDIAN RESERVATION, MARICOPA COUNTY, ARIZONA. STUDY PERFORMED BY CELLA BARR ASSOCIATES FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY (MAP ISSUE DATE: 11/12/90).
- GILA BEND CANAL FLOOD INSURANCE STUDY PERFORMED BY DONOHUE & ASSOCIATES, INC. FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY UNDER CONTRACT NO. FCD 90-06.

INDEX MAP



**SLA** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: DATE
PLANS CHK.	RAE	10-92	APPROVED BY: DATE
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
		DATE:	SHEET 2 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
SECTION CORNER	6 1/2 7 1/2
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

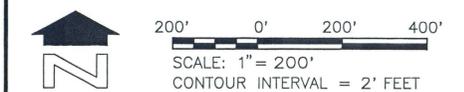
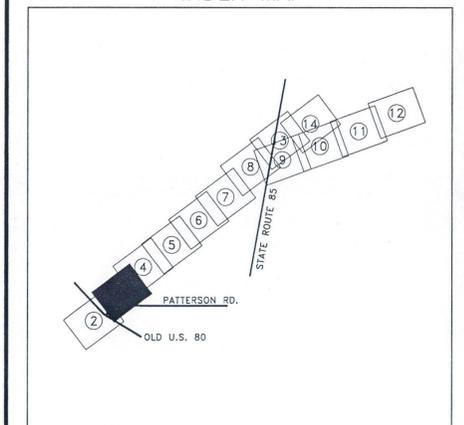
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-2	767.652	Brass Cap in Hand Hole South 1/4 corner of Section 5, T-3-S, R-4-W.

NOTES

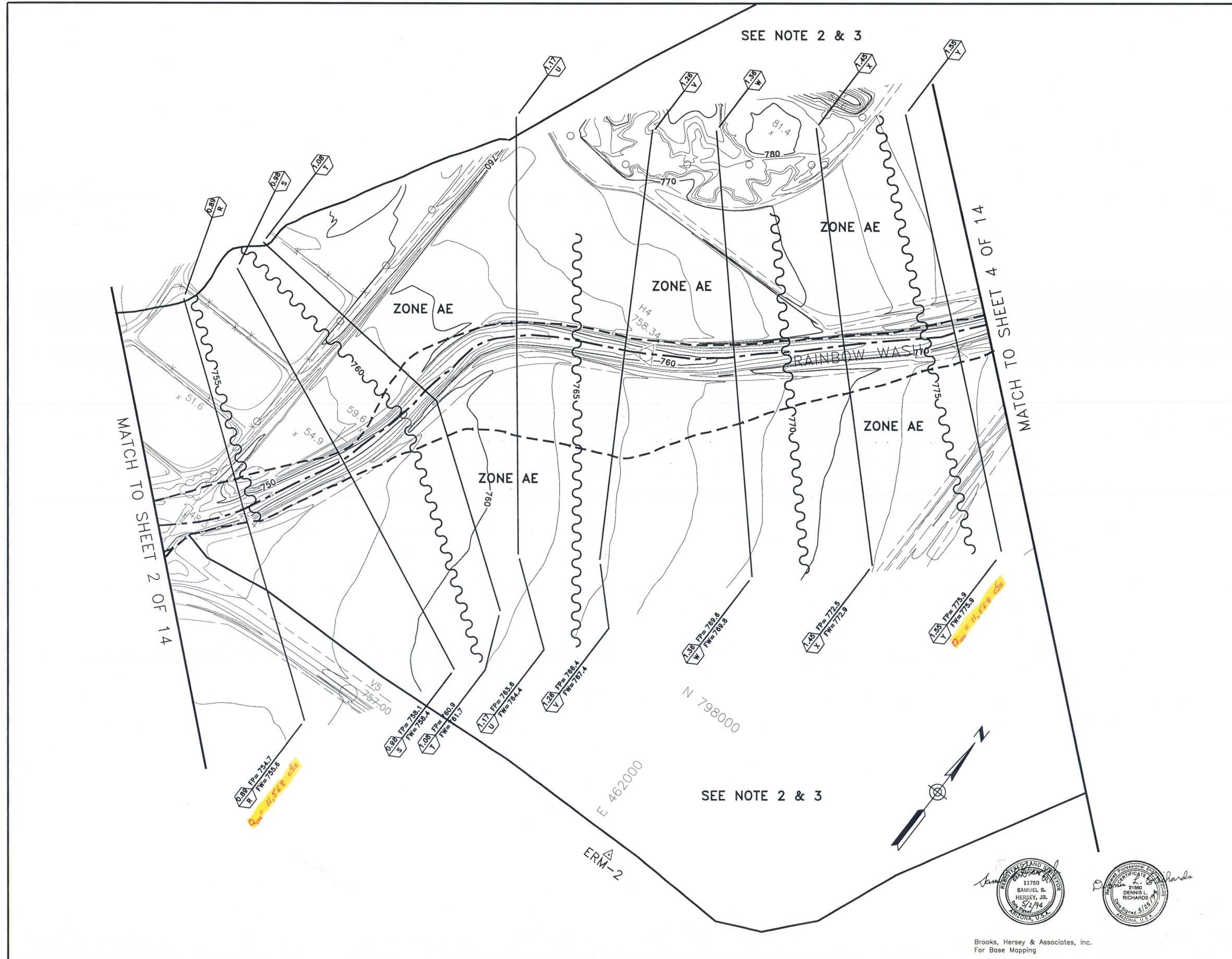
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**sia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: DATE
PLANS CHK.	RAE	10-92	APPROVED BY: DATE
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
	DATE:		SHEET 3 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
SECTION CORNER	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	

ELEVATION REFERENCE MARKS

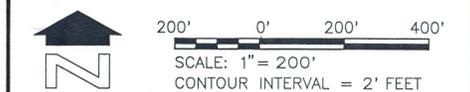
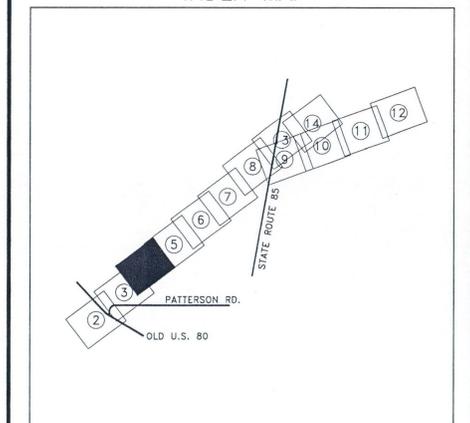
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-3	795.424	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing ±1000' North and ±30' East of the North 1/4 of Section 5, T-2-S, R-4-W.

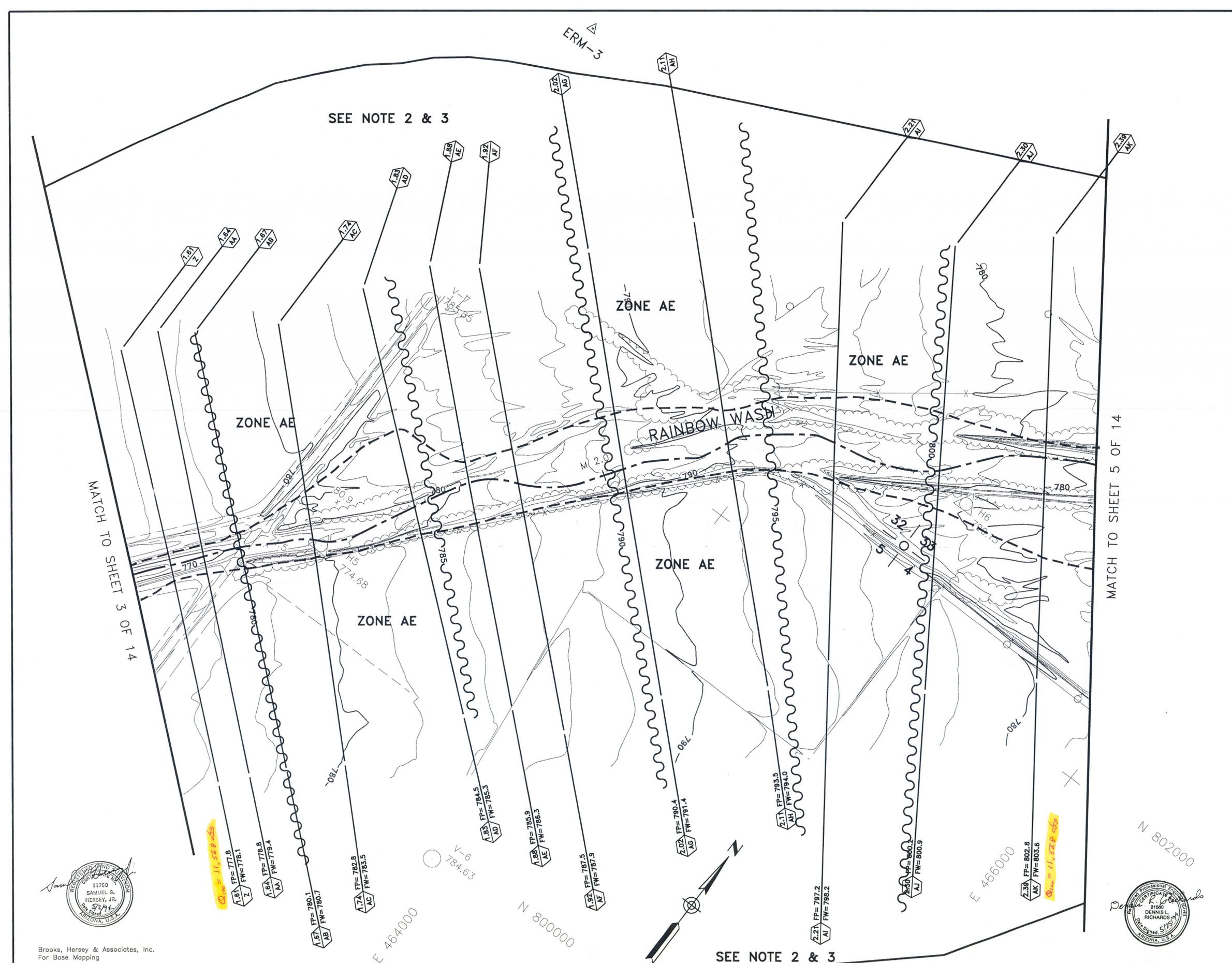
NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
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INDEX MAP



<b>slr</b> SIMONS, LI & ASSOCIATES, INC.			
DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: _____ DATE _____
PLANS	JRM	6-92	APPROVED BY: _____ DATE _____
PLANS CHK.	RAE	10-92	CHIEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY:	DATE: _____		SHEET 4 OF 14



SEE NOTE 2 & 3

SEE NOTE 2 & 3

MATCH TO SHEET 3 OF 14

MATCH TO SHEET 5 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

KENNEY AERIAL MAPPING, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



ADM:MRB REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	△ FD=100 Yr WSE △ FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 △
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

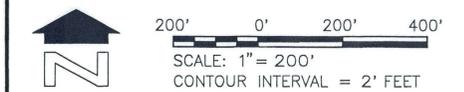
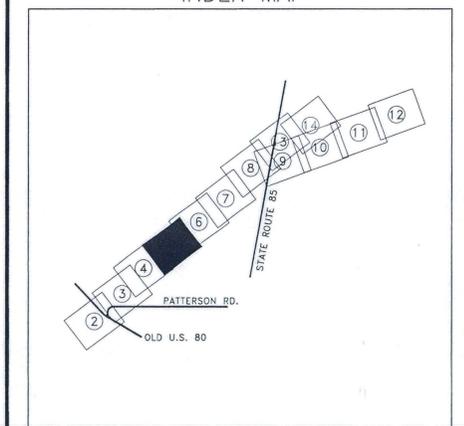
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-4	813.794	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing ±1200' East and ±1750' North of the Southwest corner of Section 33, T-2-S, R-4-W.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

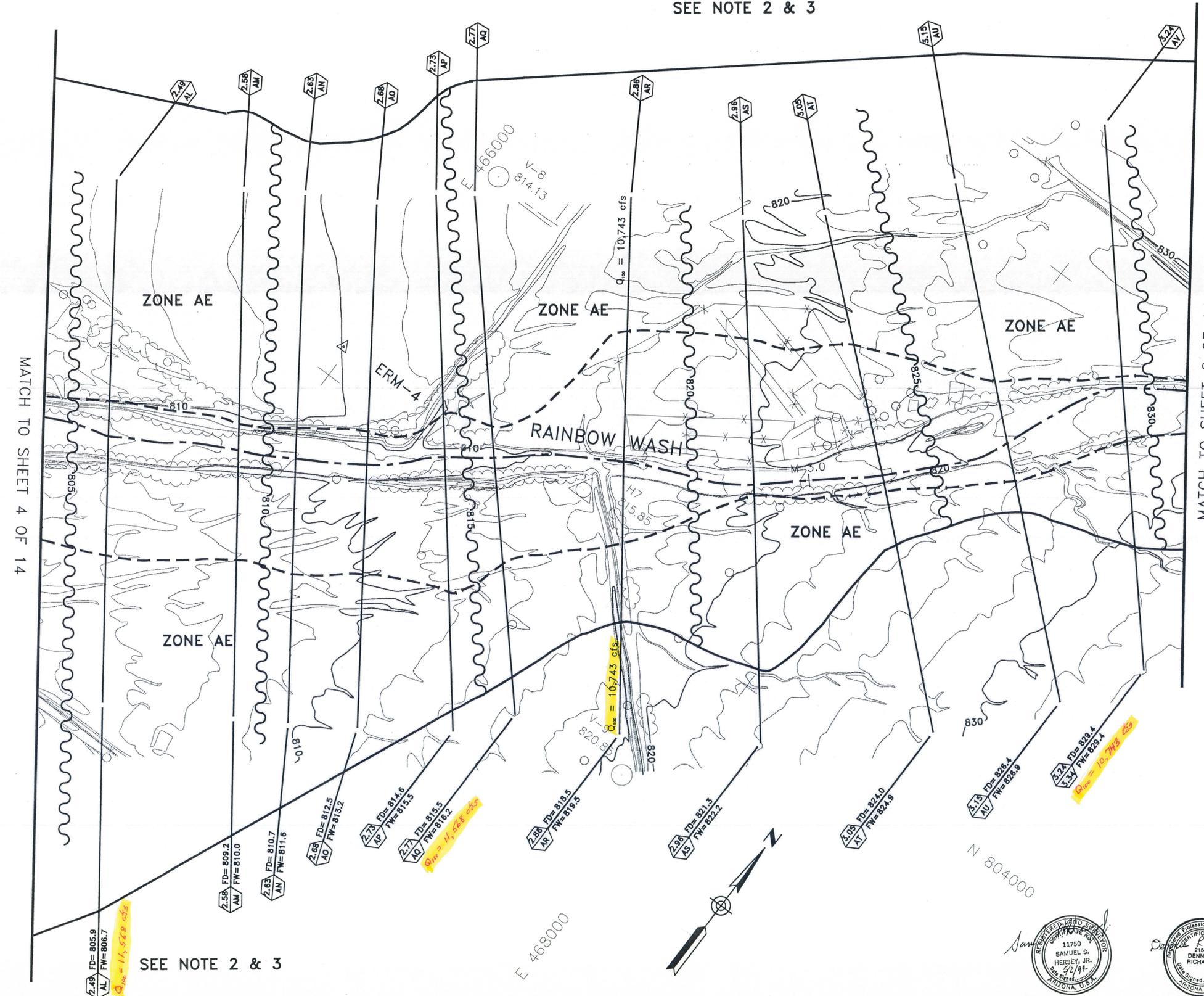
INDEX MAP



**slia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 5 OF 14

SEE NOTE 2 & 3



MATCH TO SHEET 4 OF 14

MATCH TO SHEET 6 OF 14

SEE NOTE 2 & 3



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	
ELEVATION REFERENCE MARK	ERM-1 Δ
SECTION CORNER	
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

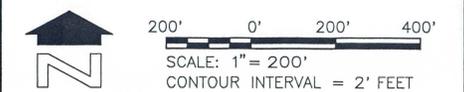
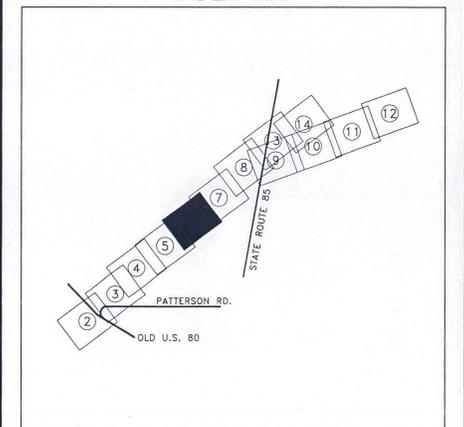
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-5	846.299	G.L.O. Brass Cap at the West 1/4 corner of Section 34, T-2-S, R-4-W on a 1" pipe projecting 8". Set in 1931.

NOTES

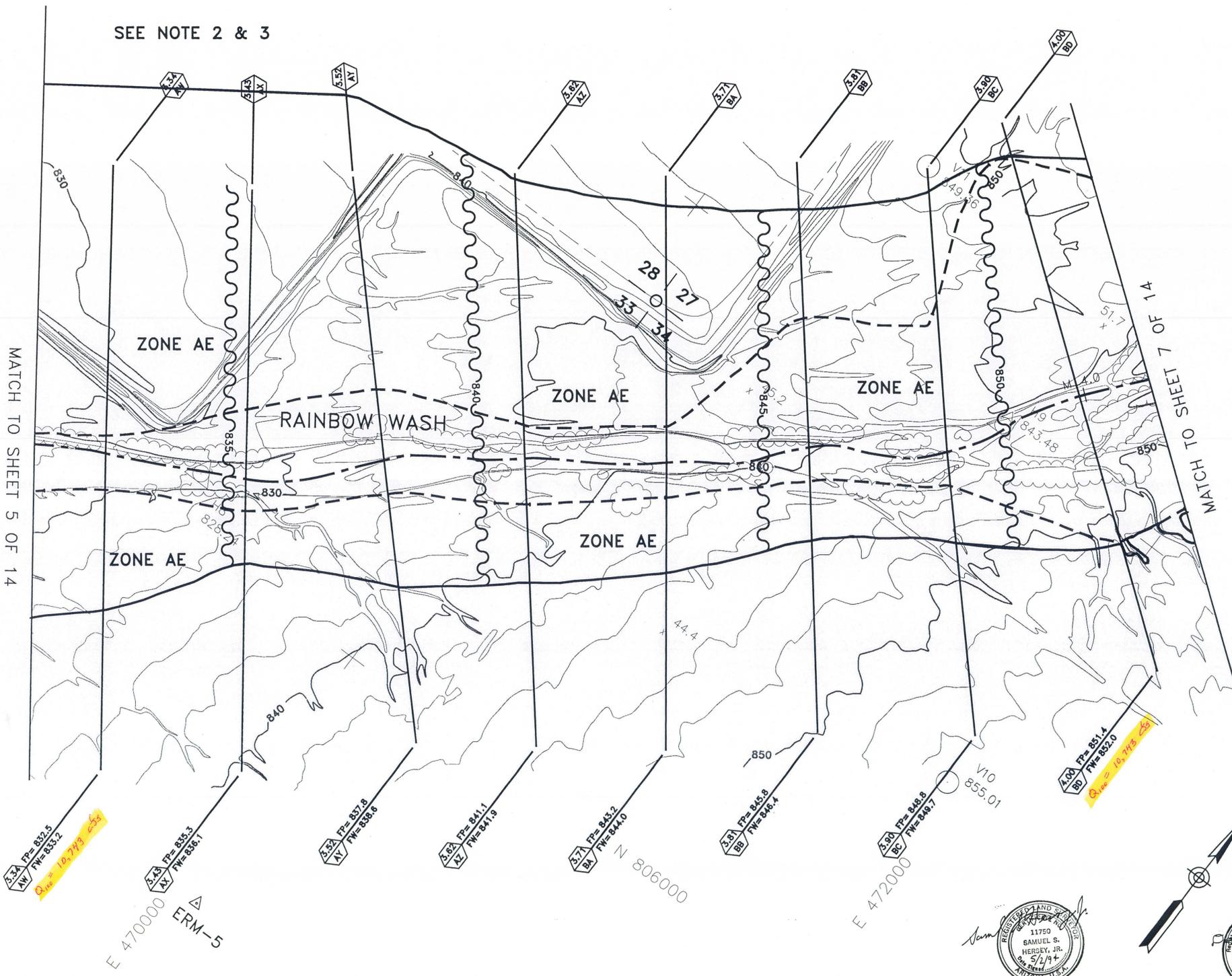
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- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**SLA** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	
PLANS CHK.	RAE	10-92	
SUBMITTED BY:	DATE:		RECOMMENDED BY: DATE
			APPROVED BY: DATE
			CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 6 OF 14



SEE NOTE 2 & 3

MATCH TO SHEET 5 OF 14

MATCH TO SHEET 7 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE CROSS SECTION	M12.0   M13.0
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	~ 1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

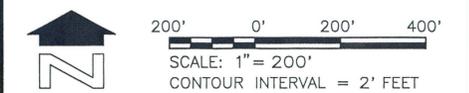
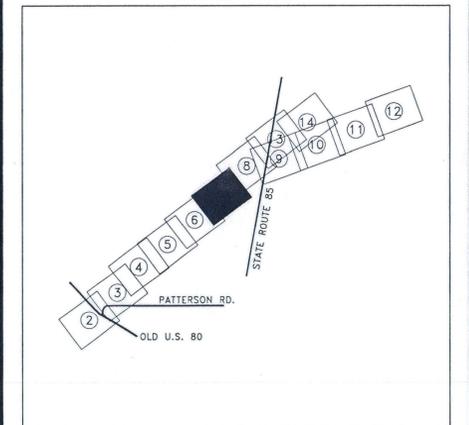
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-6	884.107	Brass Cap in concrete ±1450 North and ±1' W of the Southwest corner of Section 26, T-2-S, R-4-W, 34' North and 1' West of a fence corner, and stamped Rainbow ERM-6.

NOTES

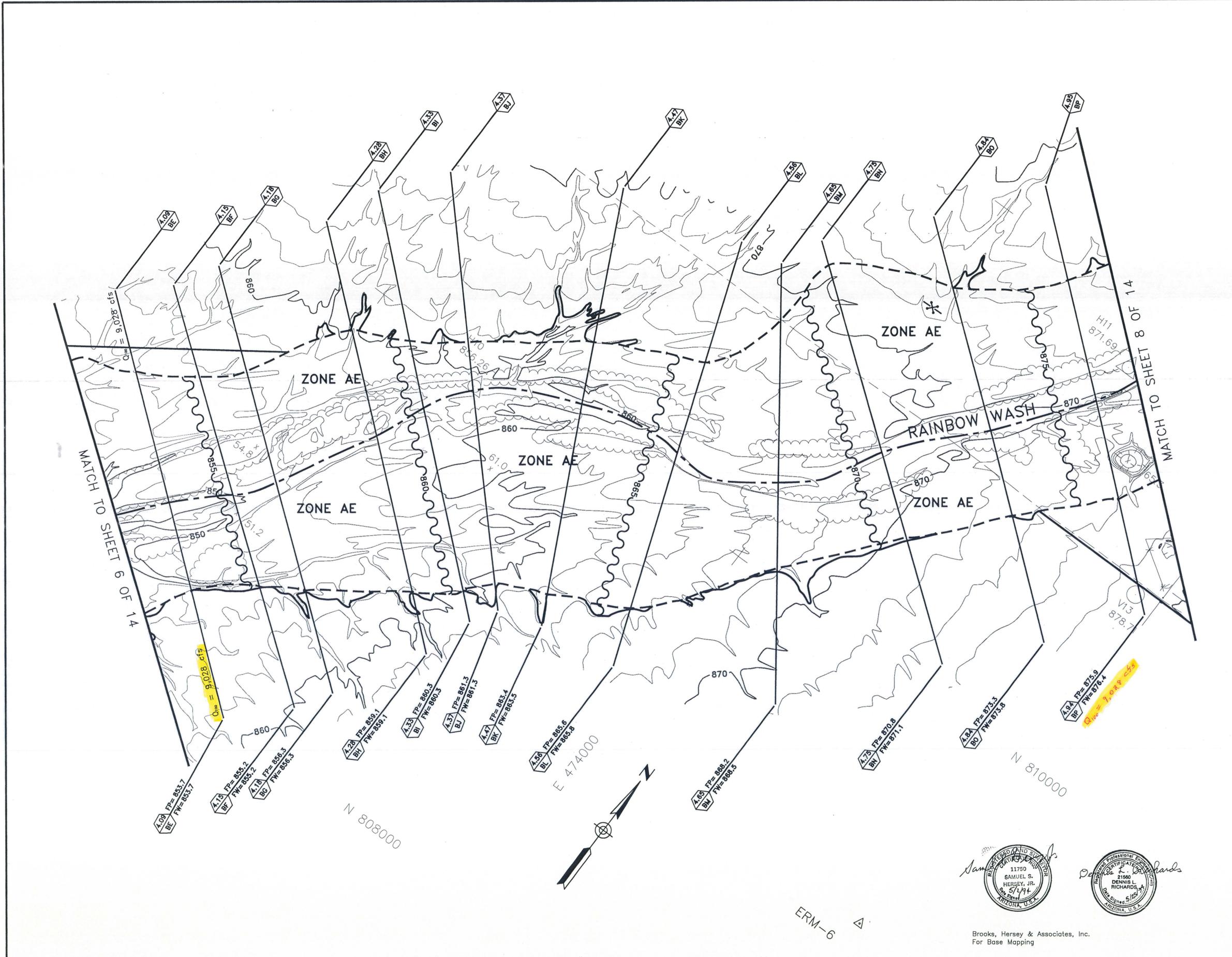
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**SLA** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: DATE
PLANS	JRM	6-92	APPROVED BY: DATE
PLANS CHK.	RAE	10-92	CHIEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY:	DATE:		SHEET 7 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	△ FD=100 Yr WSE △ FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 △
BASE FLOOD ELEVATIONS	~ 1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

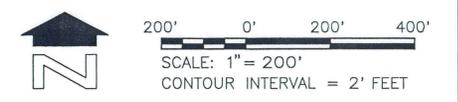
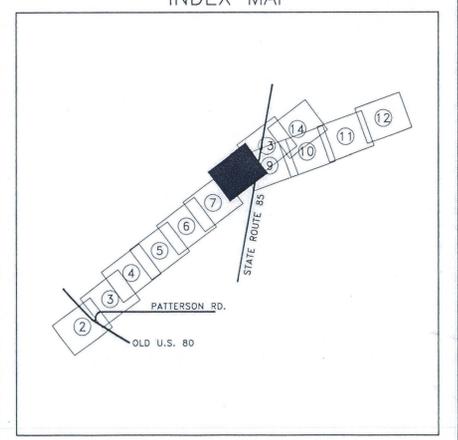
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 23, T-2-S, R-4-W.

NOTES

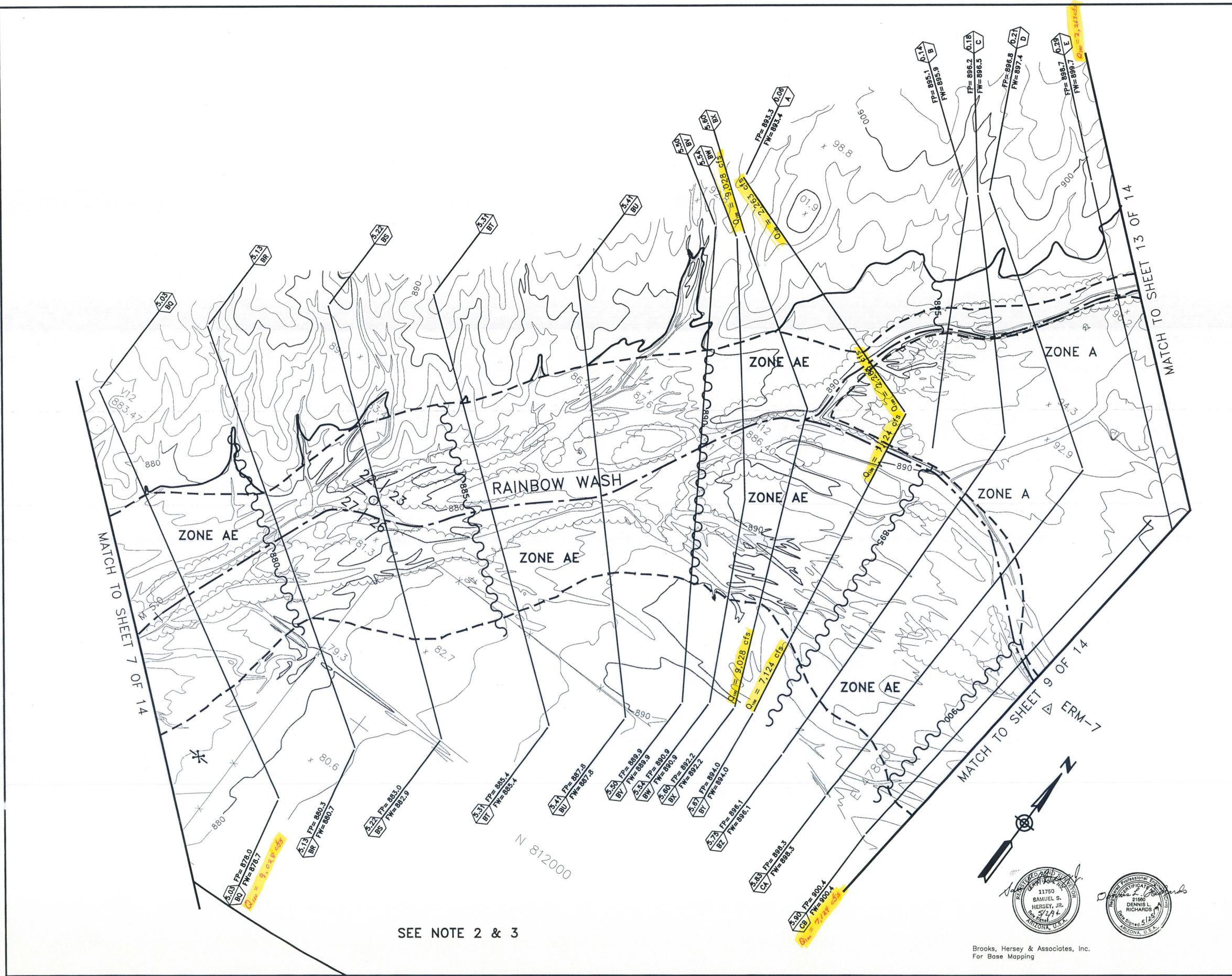
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- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**SLA** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: DATE
PLANS CHK.	RAE	10-92	APPROVED BY: DATE
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
		DATE:	SHEET 8 OF 14



SEE NOTE 2 & 3

Brooks, Hersey & Associates, Inc.  
For Base Mapping



FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE A
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

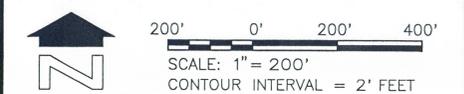
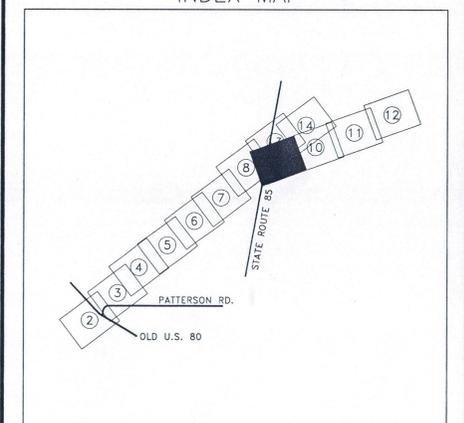
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 23, T-2-S, R-4-W.
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

NOTES

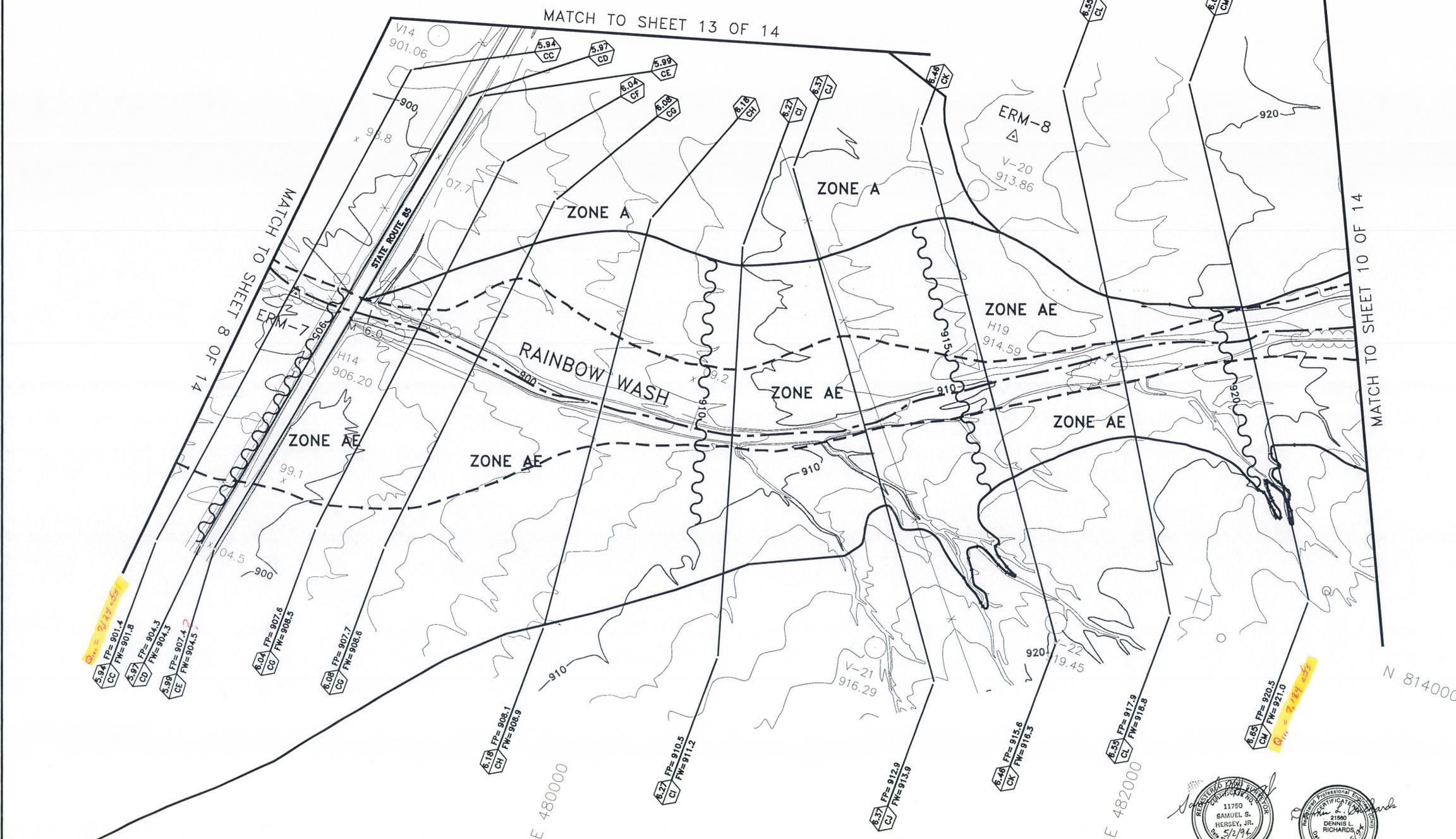
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INDEX MAP



**SLA** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: DATE
PLANS CHK.	RAE	1-93	APPROVED BY: DATE
SUBMITTED BY:	DATE:		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 9 OF 14



SEE NOTE 2 & 3

KENNEY-ARBELE-WADSWORTH INC.  
1130 WEST HILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

ADJMBG REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	

ELEVATION REFERENCE MARKS

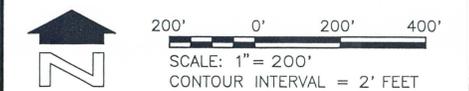
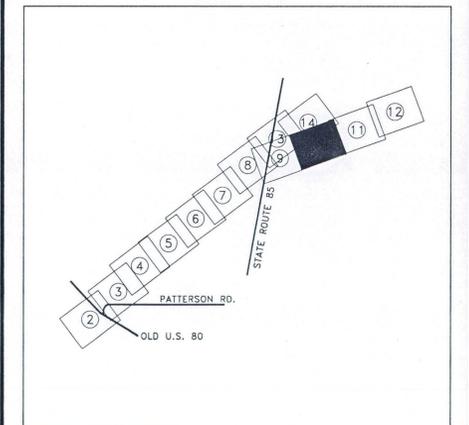
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4-W, on a 1" pipe projecting 13". Set in 1931.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP

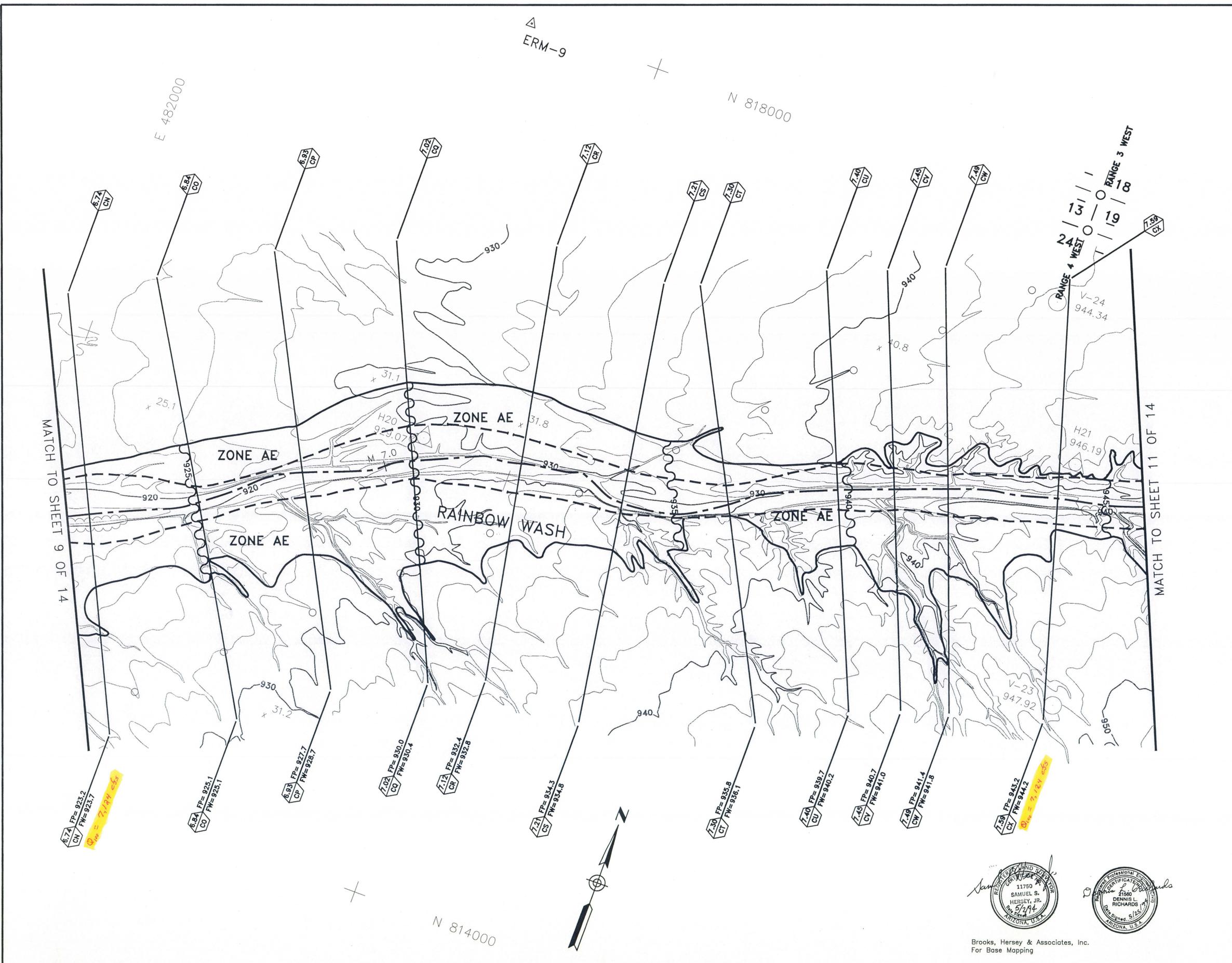


**sia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	1-93	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 10 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping



KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.

ADJ.MAR REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE A
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

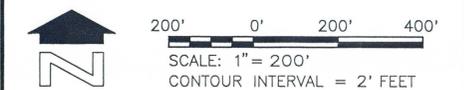
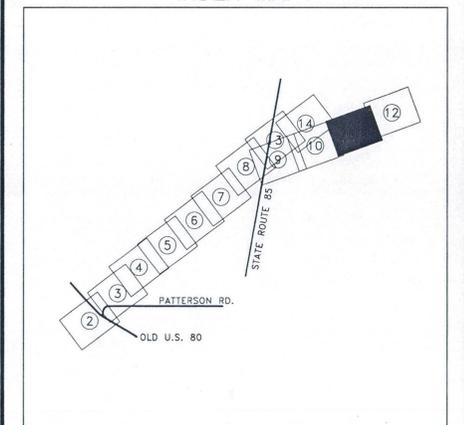
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-10	960.601	G.L.O. Brass Cap at the North 1/4 corner of Section 19, T-2-S, R-3-W on a 1" pipe projecting 15". Set in 1931.
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

NOTES

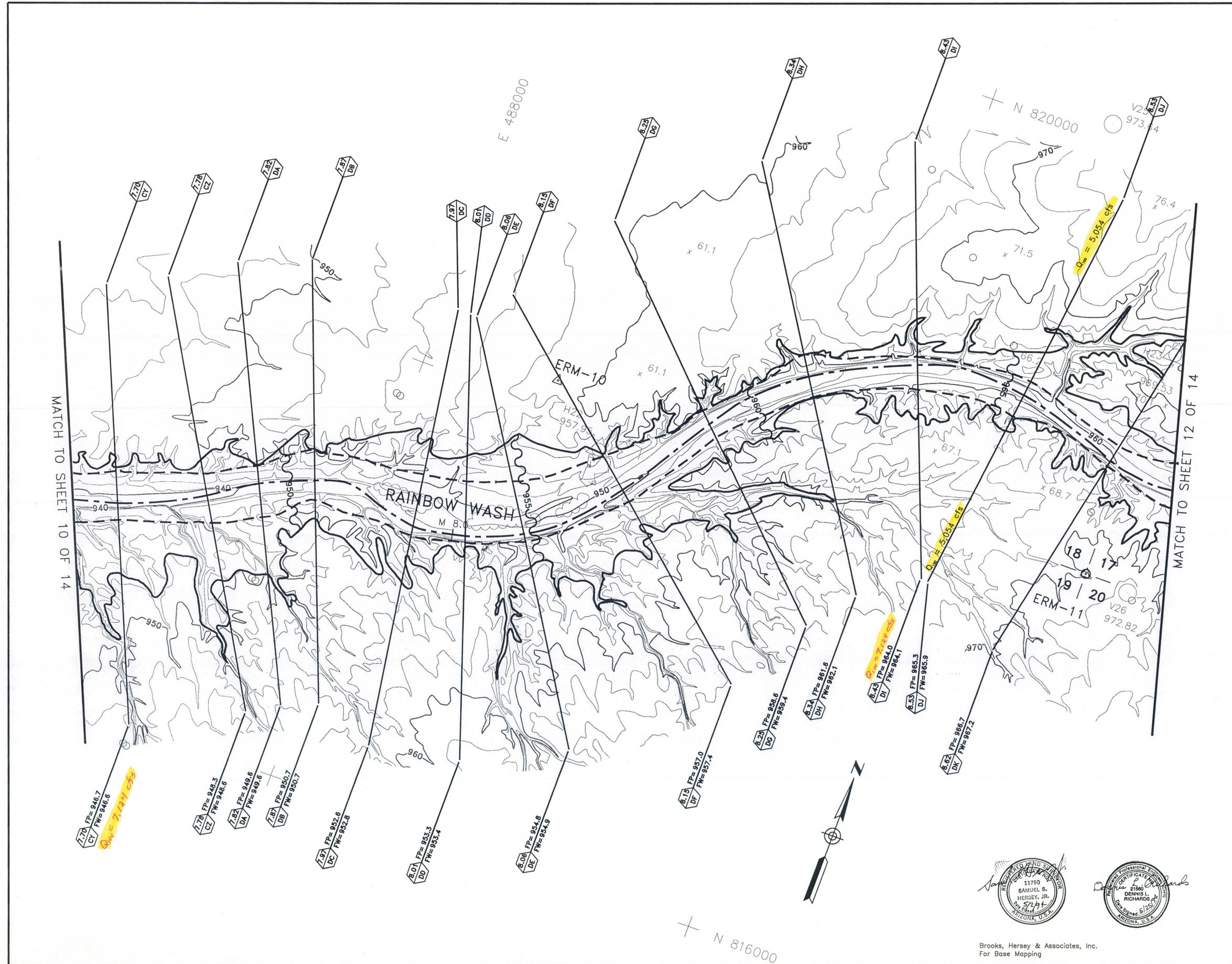
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**SLA** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: DATE
PLANS CHK.	RAE	1-93	APPROVED BY: DATE
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
		DATE:	SHEET 11 OF 14



KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

ADJ-MRB REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 --- M13.0
CROSS SECTION	△ FD=100 Yr WSE △ FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 △
BASE FLOOD ELEVATIONS	~ 1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

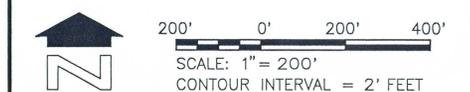
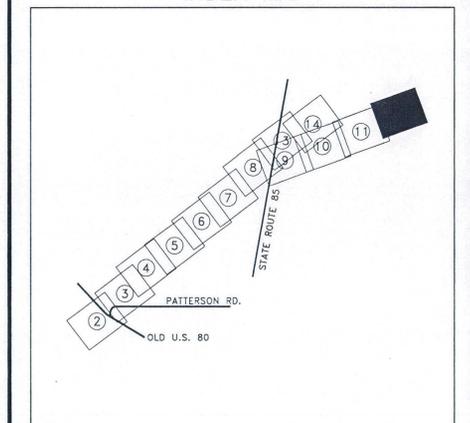
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- SEE SHEET 11 FOR ERM-11.

INDEX MAP



**slr** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	1-93	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHEF ENGINEER AND GENERAL MANAGER
			SHEET 12 of 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping



FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

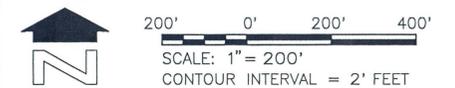
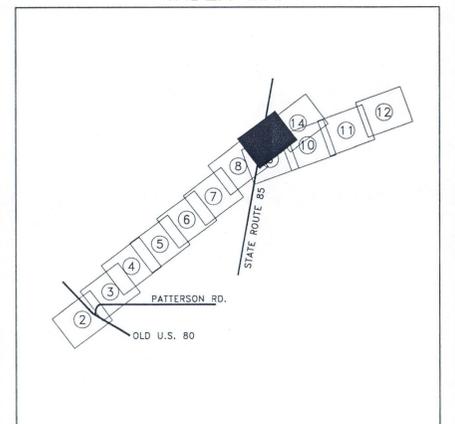
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

NOTES

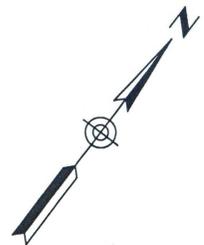
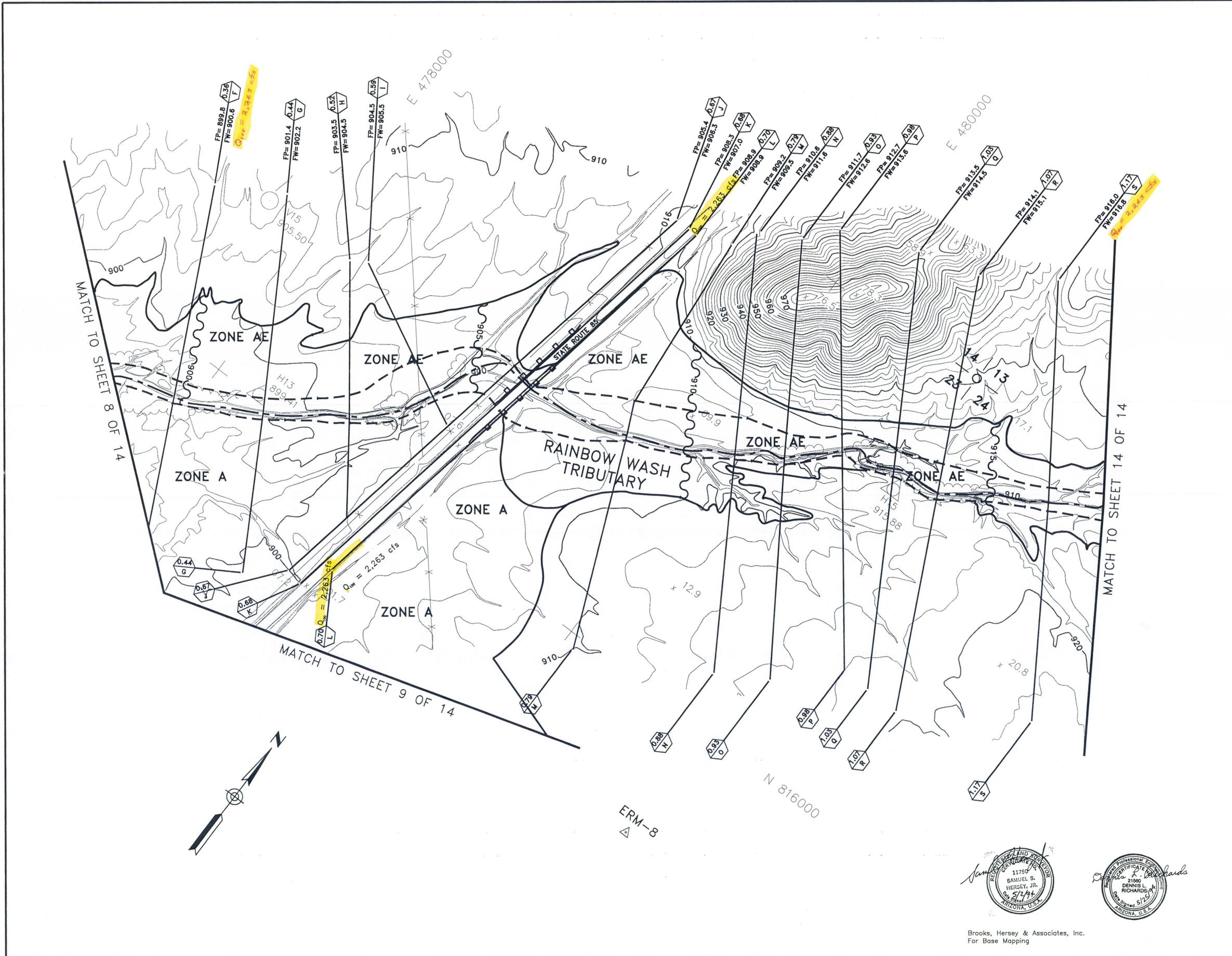
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: DATE
PLANS CHK.	RAE	10-92	APPROVED BY: DATE
SUBMITTED BY:	DATE:		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 13 of 14



KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

ADM:NRB REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
SECTION CORNER	$\frac{6}{7} \frac{5}{8}$
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

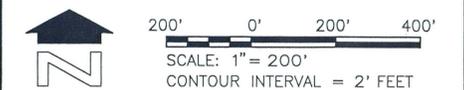
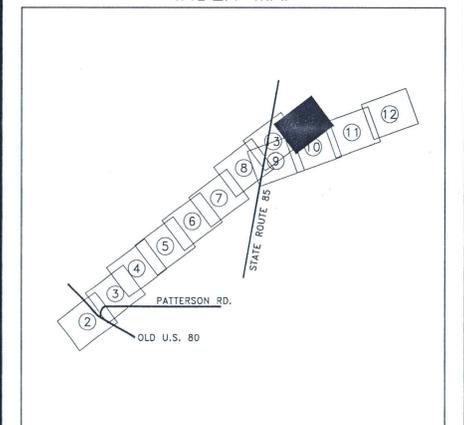
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4-W, on a 1" pipe projecting 13". Set in 1931.

NOTES

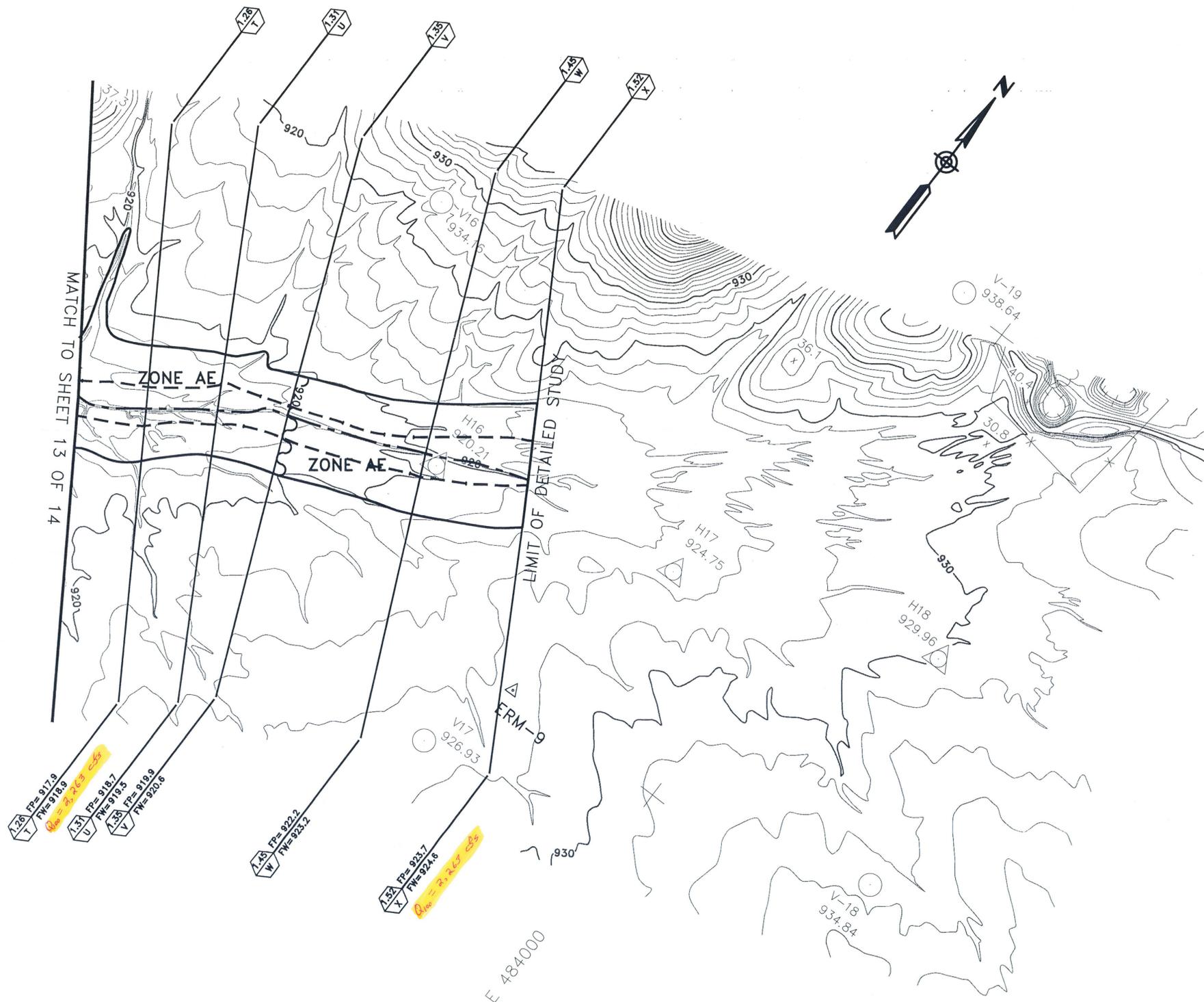
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**sia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: DATE
PLANS	JRM	6-92	APPROVED BY: DATE
PLANS CHK.	RAE	10-92	DATE
SUBMITTED BY:	DATE:		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 14 OF 14

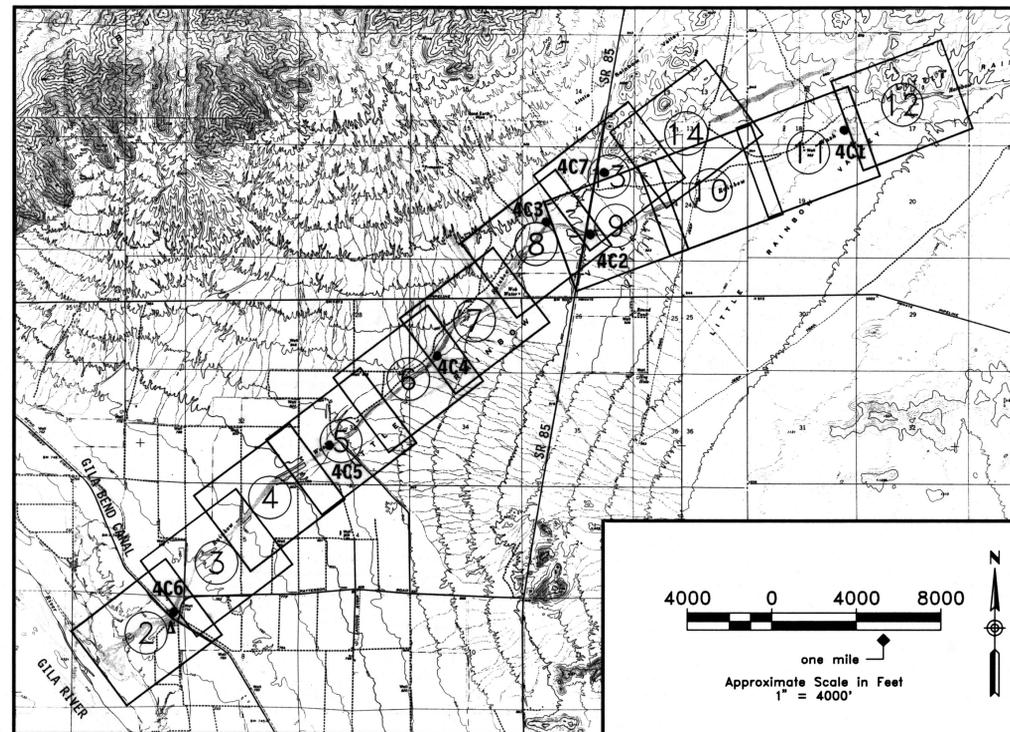


Brooks, Hersey & Associates, Inc.  
For Base Mapping

# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY FLOOD DELINEATION STUDY OF RAINBOW WASH AND TRIBUTARY FCD 90-66

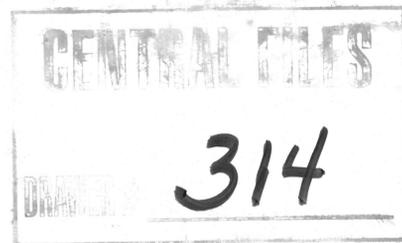
## 100-YEAR FLOODPLAIN DELINEATION DISCHARGES

Flooding Source	Reach	Discharge (cfs)
Rainbow Wash	: Gila River to Gila Canal (4C6)	11,568
	: Gila Canal (4C6) to 4C5	11,568
	: 4C5 to 4C4	10,743
	: 4C4 to 4C3	9,028
	: 4C3 to 4C2	7,124
	: 4C2 to 4C1	7,124
	: 4C1 to Study Limits	5,054
Rainbow Wash Tributary	: 4C3 to 4C7	2,263
	: 4C7 to Study Limits	2,263



## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	STUDY FLOODPLAIN LIMITS
<b>RAINBOW WASH</b>	
2	XSEC 0.02 TO 0.79
3	XSEC 0.89 TO 1.55
4	XSEC 1.61 TO 2.39
5	XSEC 2.49 TO 3.24
6	XSEC 3.34 TO 4.00
7	XSEC 4.09 TO 4.94
8	XSEC 5.03 TO 5.90
9	XSEC 5.94 TO 6.65
10	XSEC 6.74 TO 7.59
11	XSEC 7.70 TO 8.62
12	XSEC 8.72 TO 9.66
<b>RAINBOW WASH TRIBUTARY</b>	
8	XSEC 0.06 TO 0.29
13	XSEC 0.36 TO 1.17
14	XSEC 1.26 TO 1.52



## VICINITY MAP

### NOTE: ELEVATION REFERENCE MARK (ERM) LOCATION

TO FIND ERM-1 THROUGH ERM-11, START IN DOWNTOWN BUCKEYE, ARIZONA AND PROCEED SOUTH ON STATE ROUTE 85 APPROXIMATELY 19 MILES TO PATTERSON ROAD, THENCE APPROXIMATELY 3 MILES WEST TO THE INTERSECTION OF OLD U.S. 80 AND PATTERSON ROAD. ERM-1 IS A BRASS CAP IN A 6' X 6' CONCRETE WELL CASEING APPROXIMATELY 200 FEET WEST OF THE INTERSECTION OF OLD U.S. 80 AND PATTERSON ROAD. ERM-1 IS NOTED WITH THE MAP SYMBOL - Δ

### MAP SYMBOL LEGEND

49.1	POINT ELEVATION
—x—	FENCE
○	POWER LINE
○	VERTICAL SURVEY CONTROL POINT
△	HORIZONTAL/VERTICAL SURVEY CONTROL POINT
☁	DENSE VEGETATION



Brooks, Hersey & Associates, Inc.  
For Base Mapping

**sla** SIMONS, LI & ASSOCIATES, INC.  
4600 SOUTH MILL AVENUE  
TEMPE, ARIZONA 85282

**BH** BROOKS, HERSEY AND ASSOCIATES, INC.  
ENGINEERS/SURVEYORS

**Kenney Aerial Mapping Inc.**

FLIGHT DATE: OCTOBER 26, 1991  
STUDY DATE: 1992

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

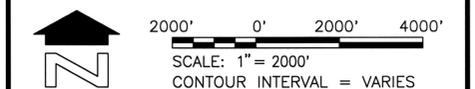
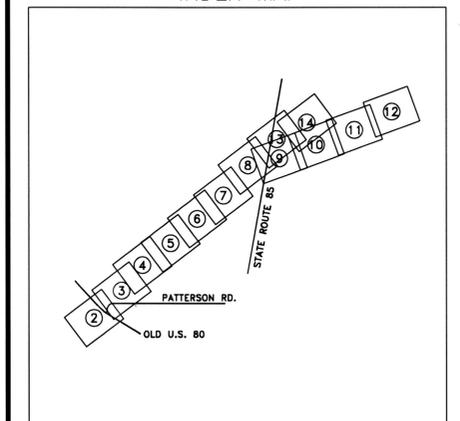
LEGEND

100-YR FLOODPLAIN BOUNDARY

NOTES

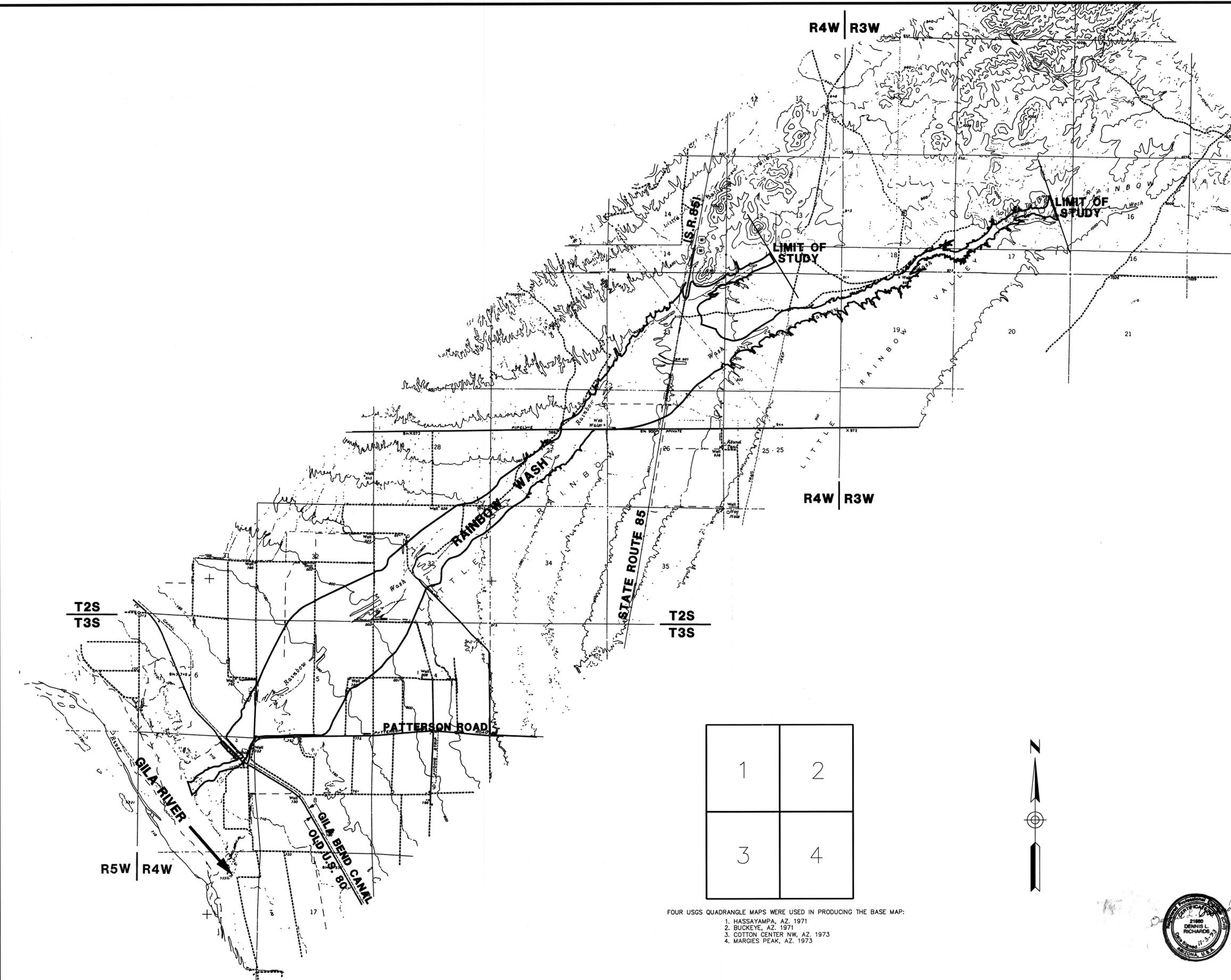
1. THE 100-YEAR FLOODPLAIN BOUNDARIES PRESENTED ON THIS MAP BEYOND THE DETAILED MAPPING LIMITS WERE DEFINED BY FEMA.
2. FEMA ASSUMED THAT FLOW WOULD BREAK OUT FROM THE MAIN CHANNEL AND REJOIN THE MAIN CHANNEL AT A DOWNSTREAM LOCATION.

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 10-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-93	
PLANS	JRM	10-93	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-93	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 1 OF 14



FOUR USGS QUADRANGLE MAPS WERE USED IN PRODUCING THE BASE MAP:

1. HASSAYAMPA, AZ, 1971
2. BUCKEYE, AZ, 1971
3. COTTON CENTER NW, AZ, 1973
4. MARGIES PEAK, AZ, 1973



SCALE: 1" = 2000'  
CONTOUR INTERVAL: VARIES BETWEEN 10', 20' & 40'.  
VERTICAL DATUM: N.G.V.D. OF 1929.

THIS MAP IS A REPRODUCED PORTION OF SEVERAL ATTACHED USGS 7.5' TOPOGRAPHIC MAPS USING A COMPUTER IMAGE SCANNING DEVICE AND LATER CONVERTING INTO REAL SCALE/VECTOR CAD FORMAT. A FEW MINOR DISCREPANCIES AND MISALIGNMENTS ARE THE PRODUCTS OF CONVERSION ROUND-OFF AND MECHANICAL HANDLING ERRORS.

ADJ.MRB REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 --- M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

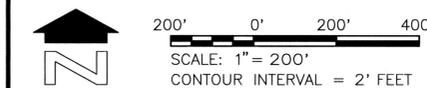
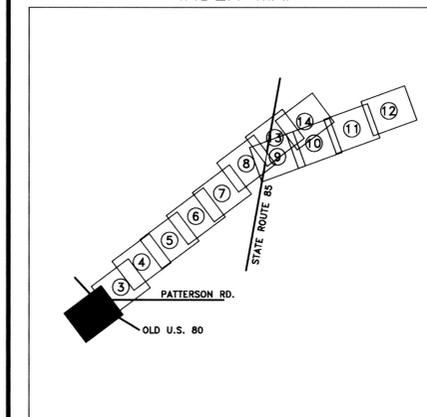
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-1	749.177	Brass Cap in 6' x 6' concrete well casing ±1300' South and ±300' West of the Northeast corner of Section 7, T-4-W, R-3-S.

NOTES

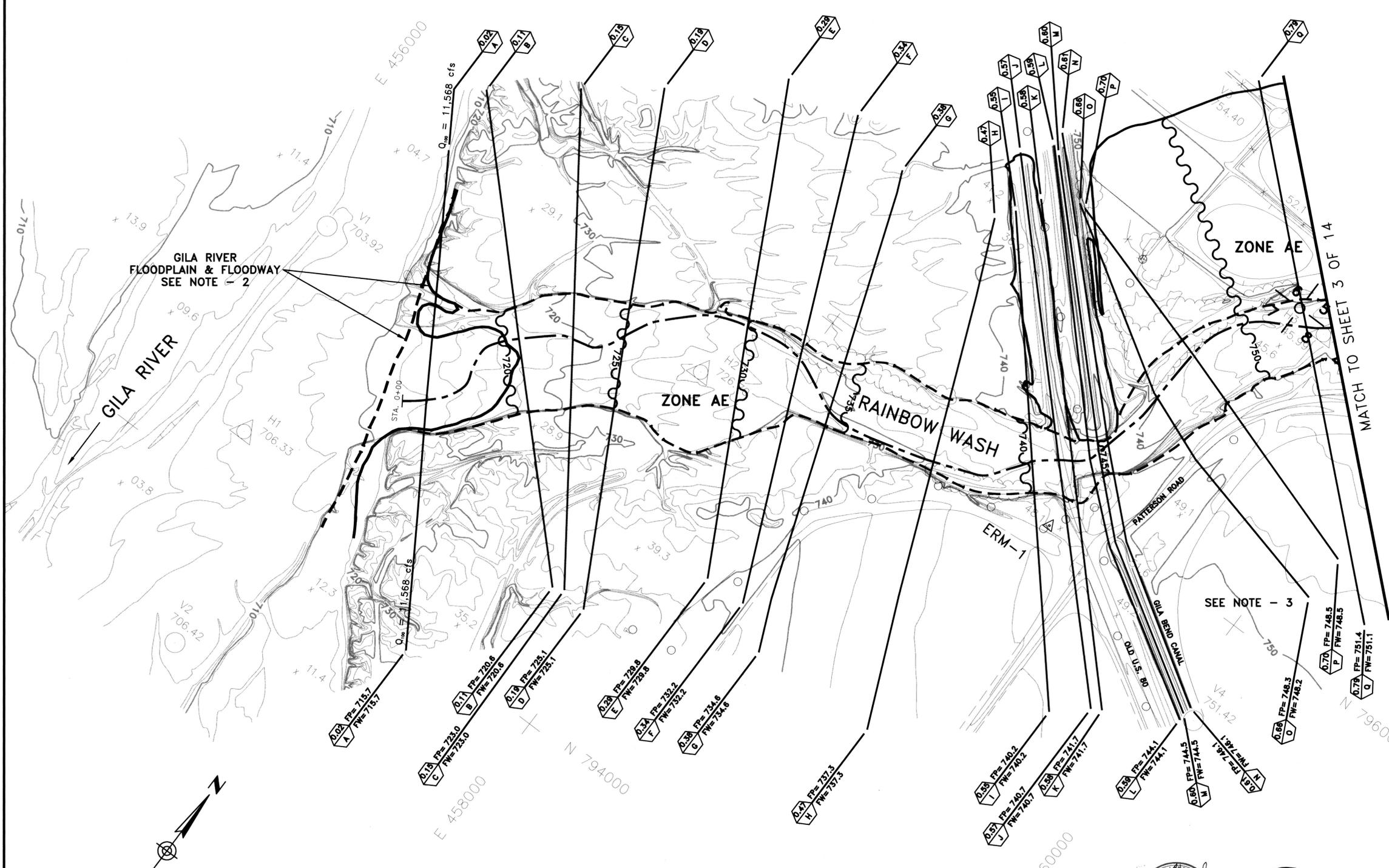
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- GILA RIVER FLOODPLAIN AND FLOODWAY PER GILA RIVER MAP REVISION REQUEST, GILLESPIE DAM TO GILA BEND INDIAN RESERVATION, MARICOPA COUNTY, ARIZONA. STUDY PERFORMED BY CELLA BARR ASSOCIATES FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY (MAP ISSUE DATE: 11/12/90).
- GILA BEND CANAL FLOOD INSURANCE STUDY PERFORMED BY DONOHUE & ASSOCIATES, INC. FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY UNDER CONTRACT NO. FCD 90-06.

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY:
PLANS	JRM	6-92	DATE:
PLANS CHK.	RAE	10-92	APPROVED BY:
SUBMITTED BY:			CHEF ENGINEER AND GENERAL MANAGER
DATE:			SHEET 2 OF 14



Professional Engineer  
11750  
SAMUEL S. HERSEY, JR.  
5/4/94  
ARIZONA, U.S.A.

Professional Engineer  
2180  
DENNIS L. RICHARDS  
5/16/94  
ARIZONA, U.S.A.

Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	—————
FLOODWAY BOUNDARY	-----
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0      M13.0
CROSS SECTION	(A) FD=100 Yr WSE FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
SECTION CORNER	6 1/8 7 1/8
BASE FLOOD ELEVATIONS	~~~~~ 1221 ~~~~~
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

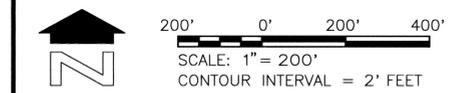
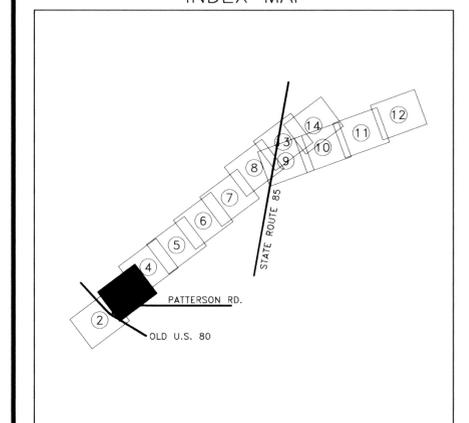
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-2	767.652	Brass Cap in Hand Hole South 1/4 corner of Section 5, T-3-S, R-4-W.

NOTES

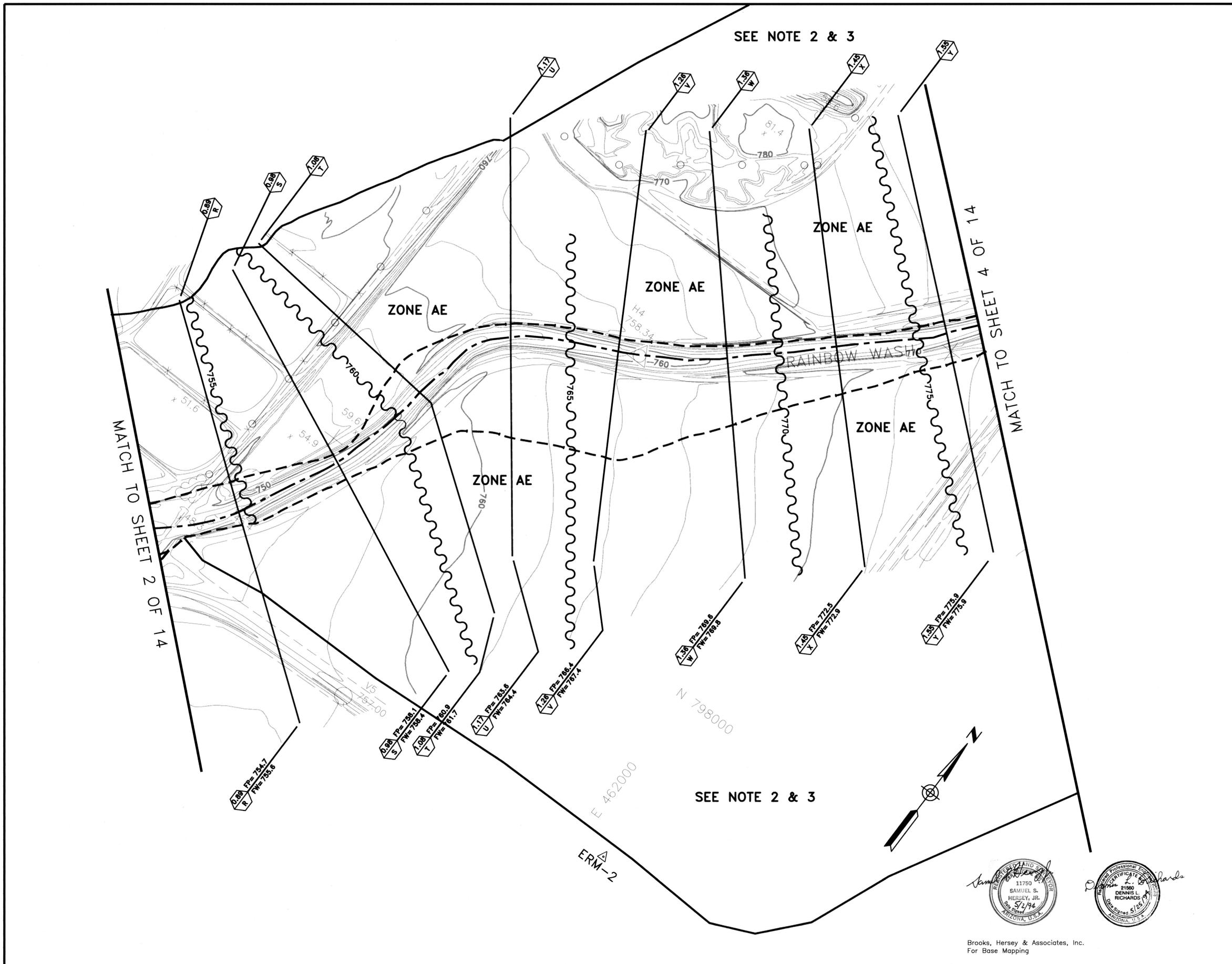
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: _____ DATE _____
PLANS	JRM	6-92	APPROVED BY: _____ DATE _____
PLANS CHK.	RAE	10-92	CHIEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY: _____	DATE: _____	SHEET 3 OF 14	



Brooks, Hersey & Associates, Inc.  
For Base Mapping

Professional Engineer  
11750  
SAMUEL S.  
HERSEY, JR.  
5/2/94  
ARIZONA, U.S.A.

Professional Engineer  
2180  
DENNIS L.  
RICHARDS  
5/15/94  
ARIZONA, U.S.A.

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE WITH RIVER MILE
- CROSS SECTION FD=100 Yr WSE FW=Floodway WSE
- ELEVATION REFERENCE MARK ERM-1  $\Delta$
- SECTION CORNER  $\frac{6}{7} \frac{1}{9}$
- BASE FLOOD ELEVATIONS 1221
- ZONE DESIGNATIONS ZONE AE

**ELEVATION REFERENCE MARKS**

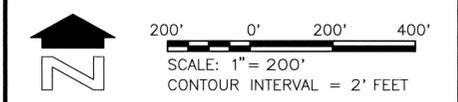
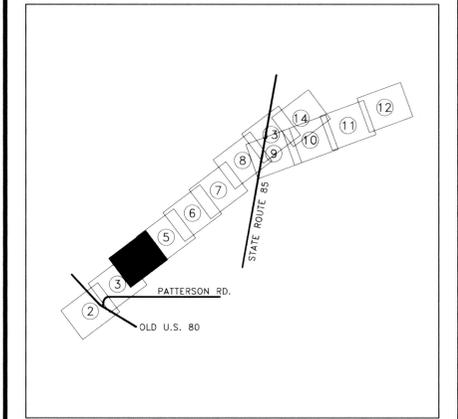
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-3	795.424	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing $\pm 1000'$ North and $\pm 30'$ East of the North 1/4 of Section 5, T-2-S, R-4-W.

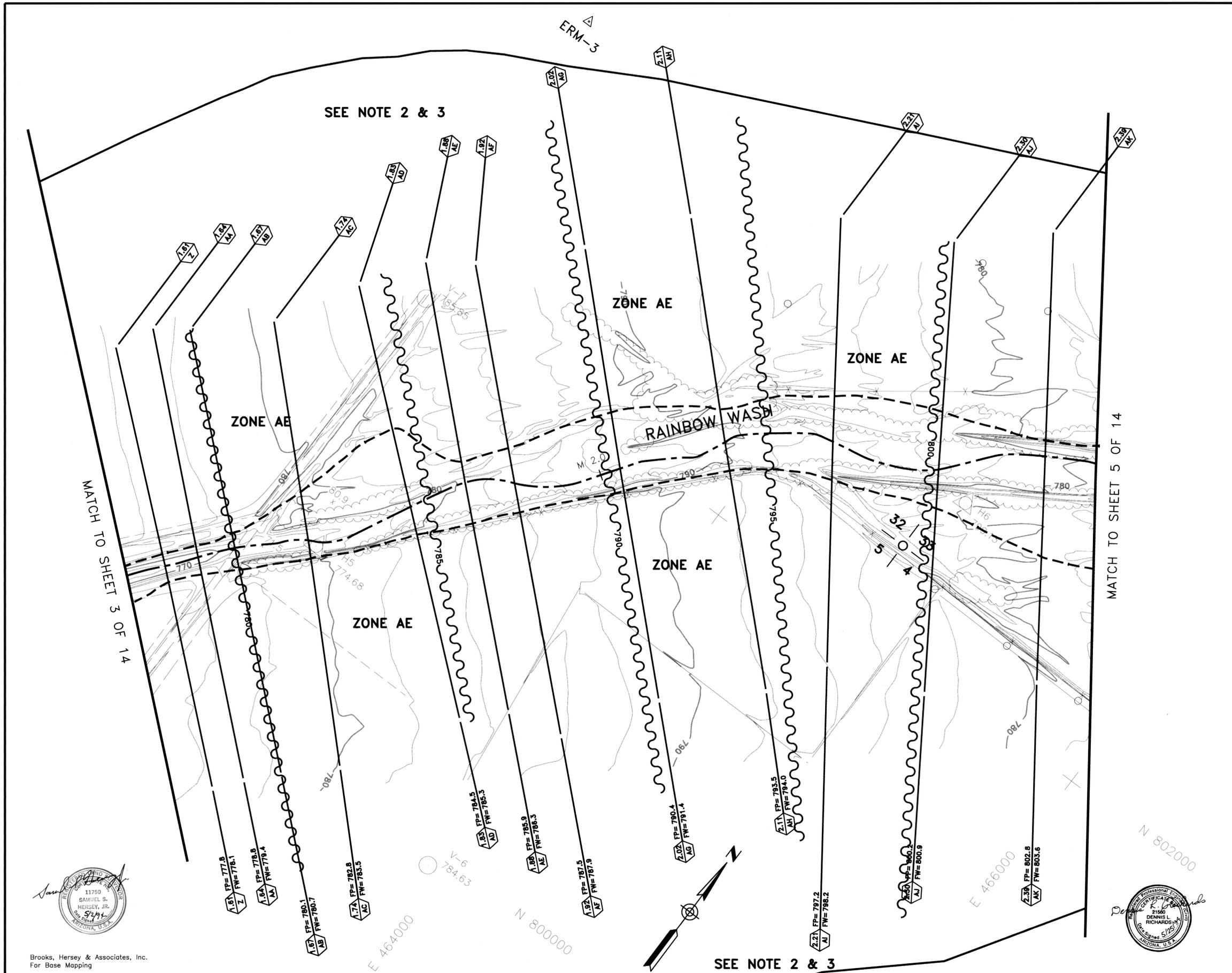
**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

**INDEX MAP**



DESIGN		BY	JRM	DATE	6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
		DESIGN CHK.	RAE	DATE	10-92	
PLANS		BY	JRM	DATE	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.		BY	RAE	DATE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:						CHIEF ENGINEER AND GENERAL MANAGER
		DATE:			SHEET	4 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping



N 802000  
E 466000

KENNEY AERIAL MAPPING, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.

ADM:MBB REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE A
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

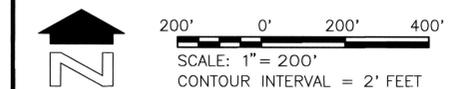
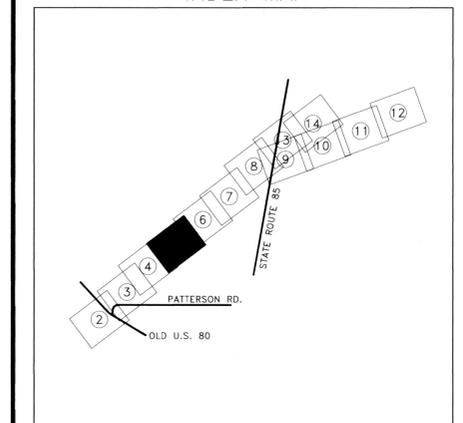
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-4	813.794	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing ±1200' East and ±1750' North of the Southwest corner of Section 33, T-2-S, R-4-W.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

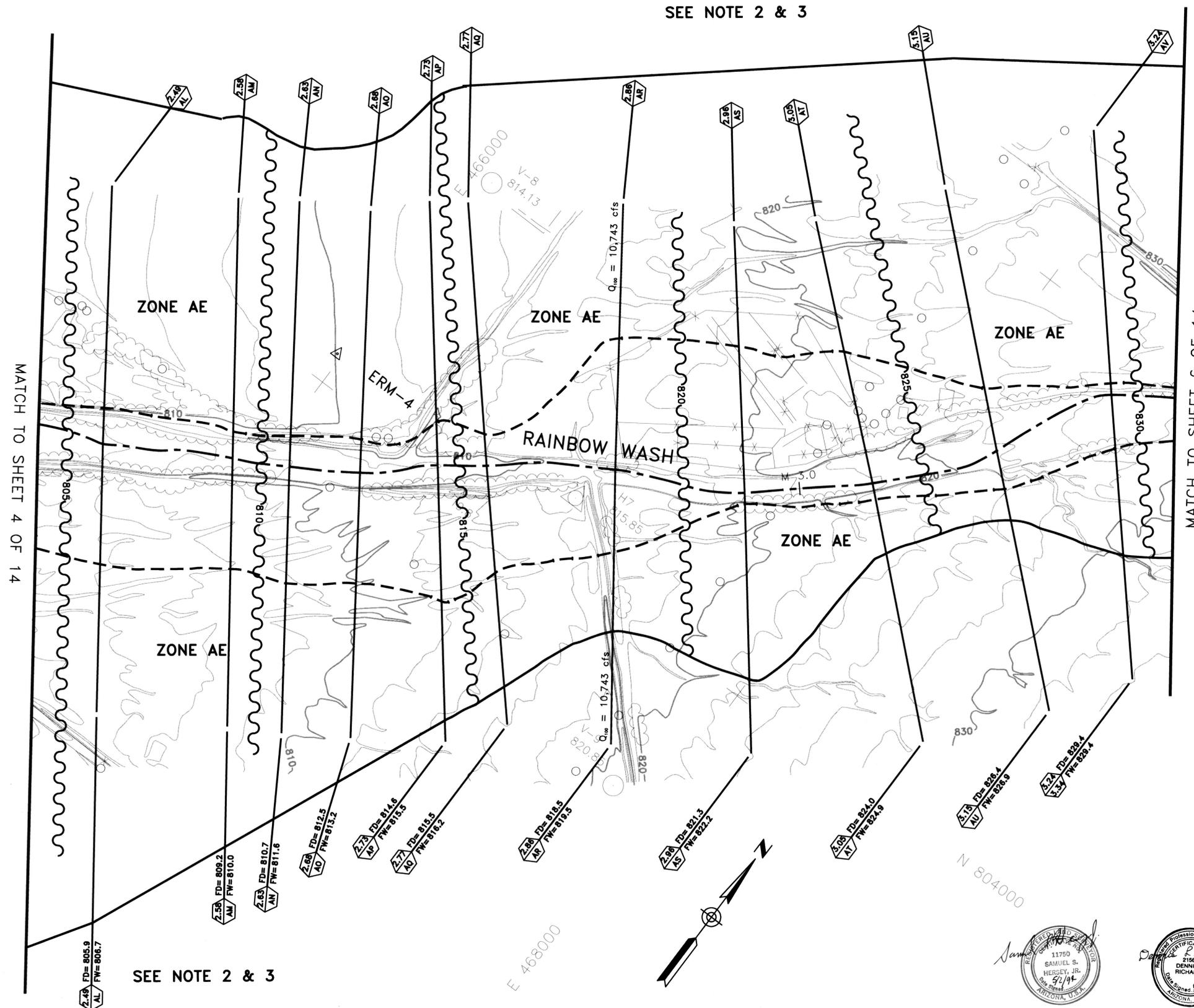
INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY: _____	DATE: _____	CHIEF ENGINEER AND GENERAL MANAGER	
			SHEET 5 OF 14

SEE NOTE 2 & 3



MATCH TO SHEET 4 OF 14

MATCH TO SHEET 6 OF 14

SEE NOTE 2 & 3



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	—————
FLOODWAY BOUNDARY	- - - - -
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0      M13.0
CROSS SECTION	(A) FD=100 Yr WSE FW=Floodway WSE (A)
ELEVATION REFERENCE MARK	ERM-1 Δ
SECTION CORNER	$\frac{6\frac{1}{2}}{7\frac{1}{8}}$
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

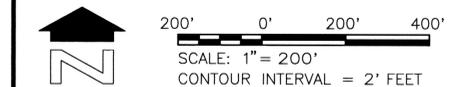
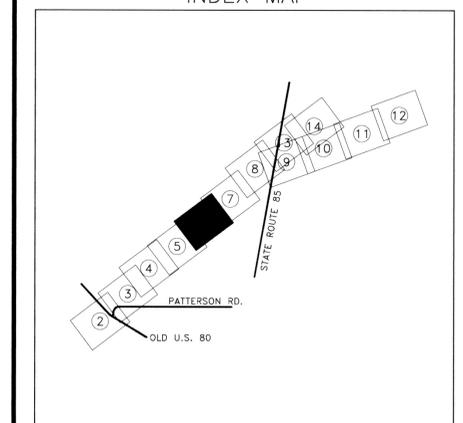
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-5	846.299	G.L.O. Brass Cap at the West 1/4 corner of Section 34, T-2-S, R-4-W on a 1" pipe projecting 8". Set in 1931.

NOTES

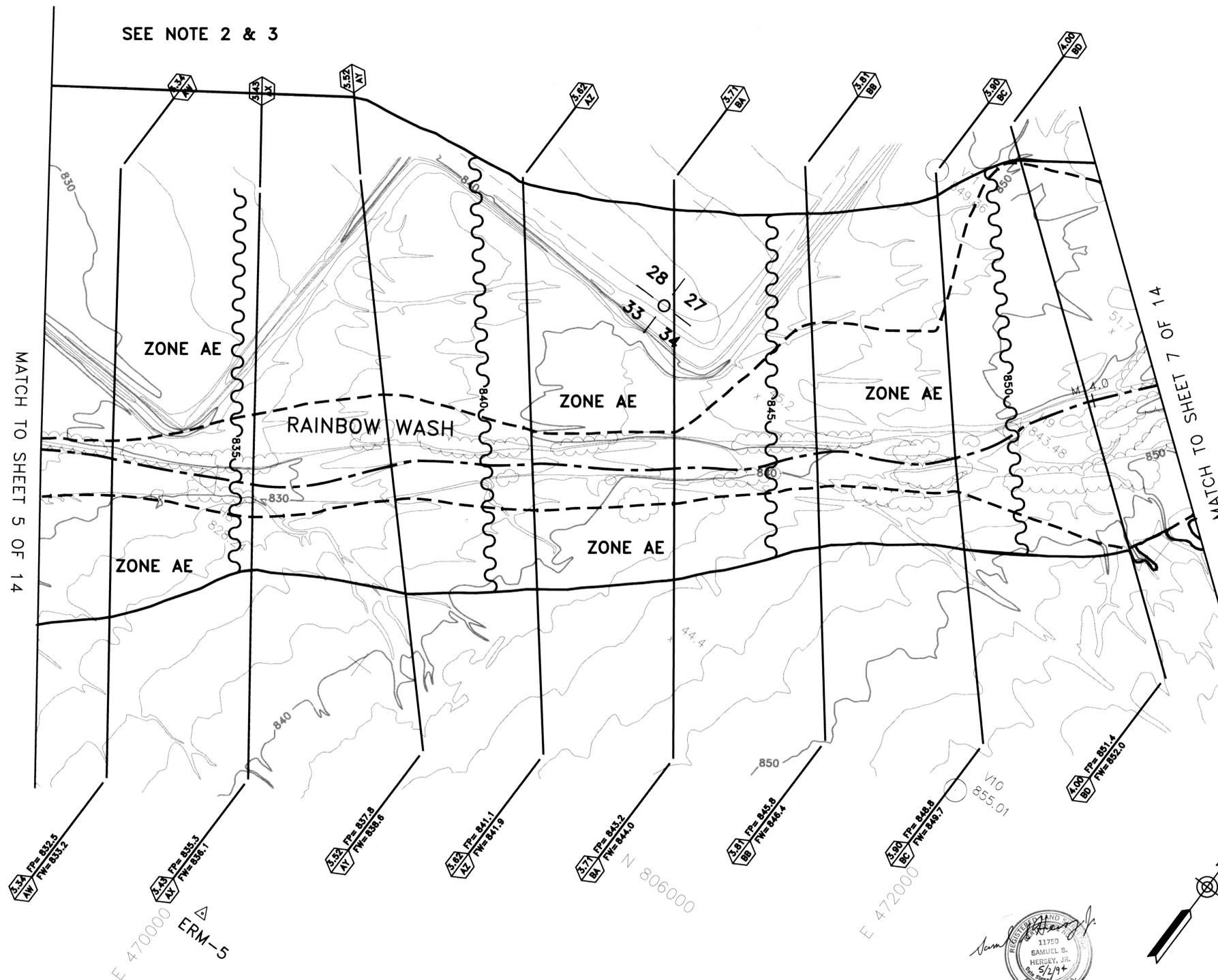
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: _____ DATE: _____
PLANS	JRM	6-92	APPROVED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	CHIEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY: _____	DATE: _____	SHEET 6 OF 14	



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

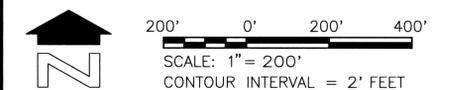
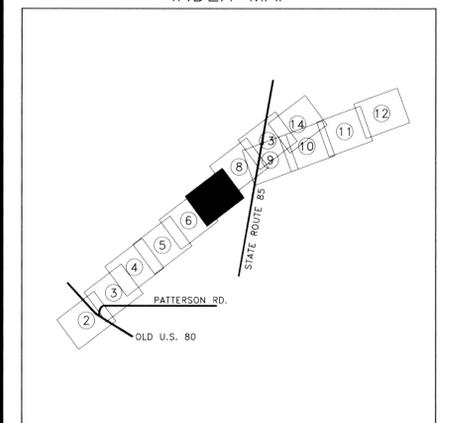
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-6	884.107	Brass Cap in concrete ±1450 North and ±1' W of the Southwest corner of Section 26, T-2-S, R-4-W, 34' North and 1' West of a fence corner, and stamped Rainbow ERM-6.

NOTES

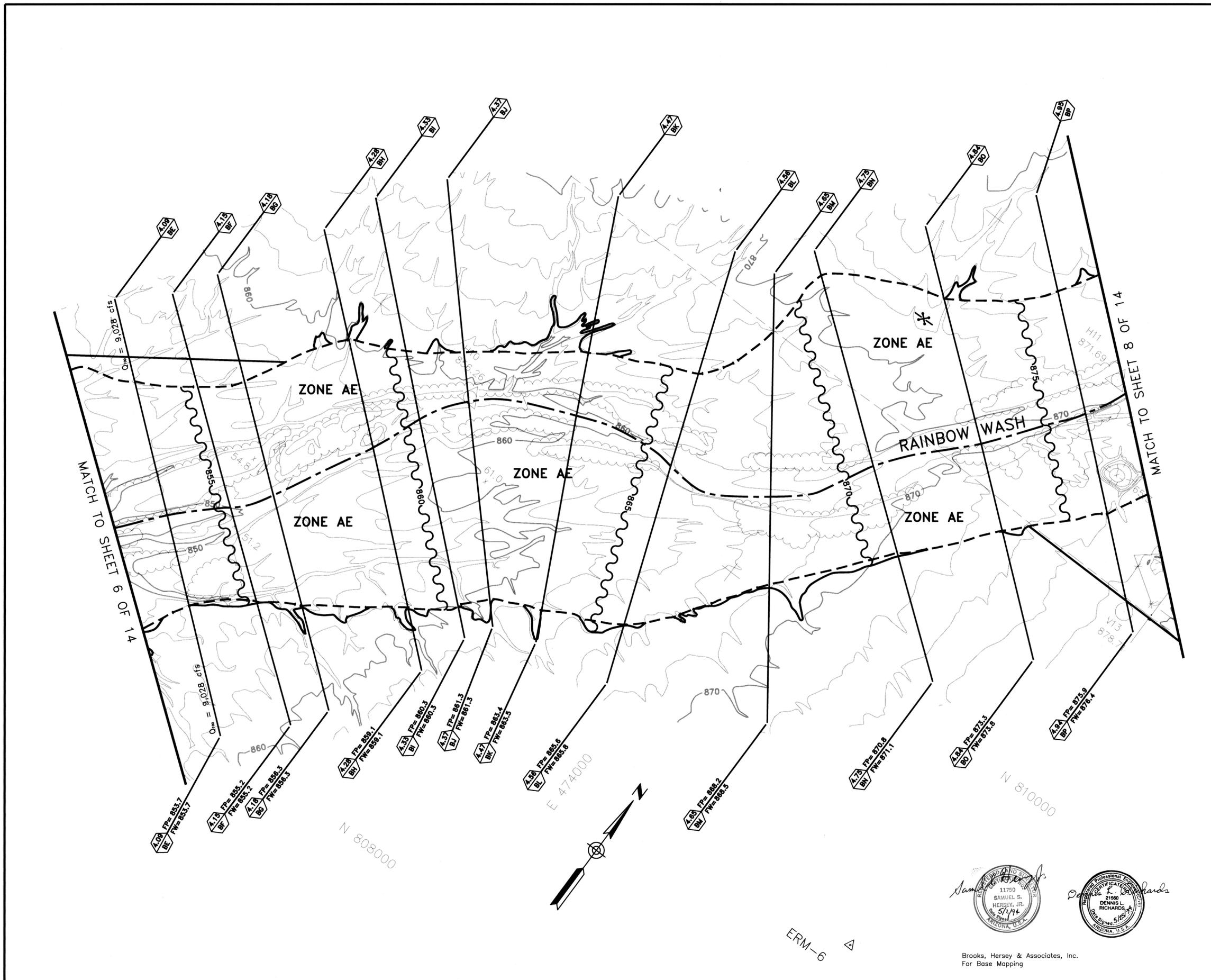
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: _____ DATE: _____
PLANS	JRM	6-92	APPROVED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	CHEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY: _____	DATE: _____	SHEET 7	OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

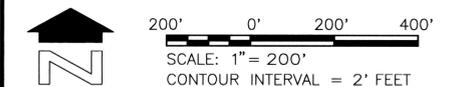
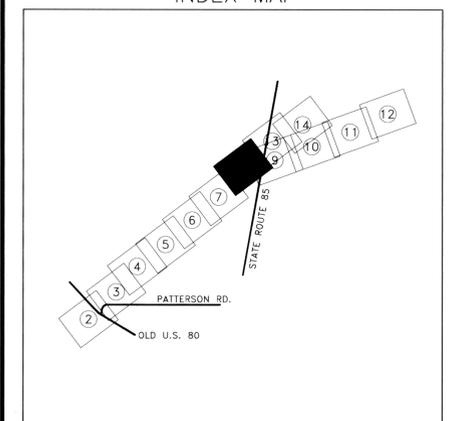
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 23, T-2-S, R-4-W.

NOTES

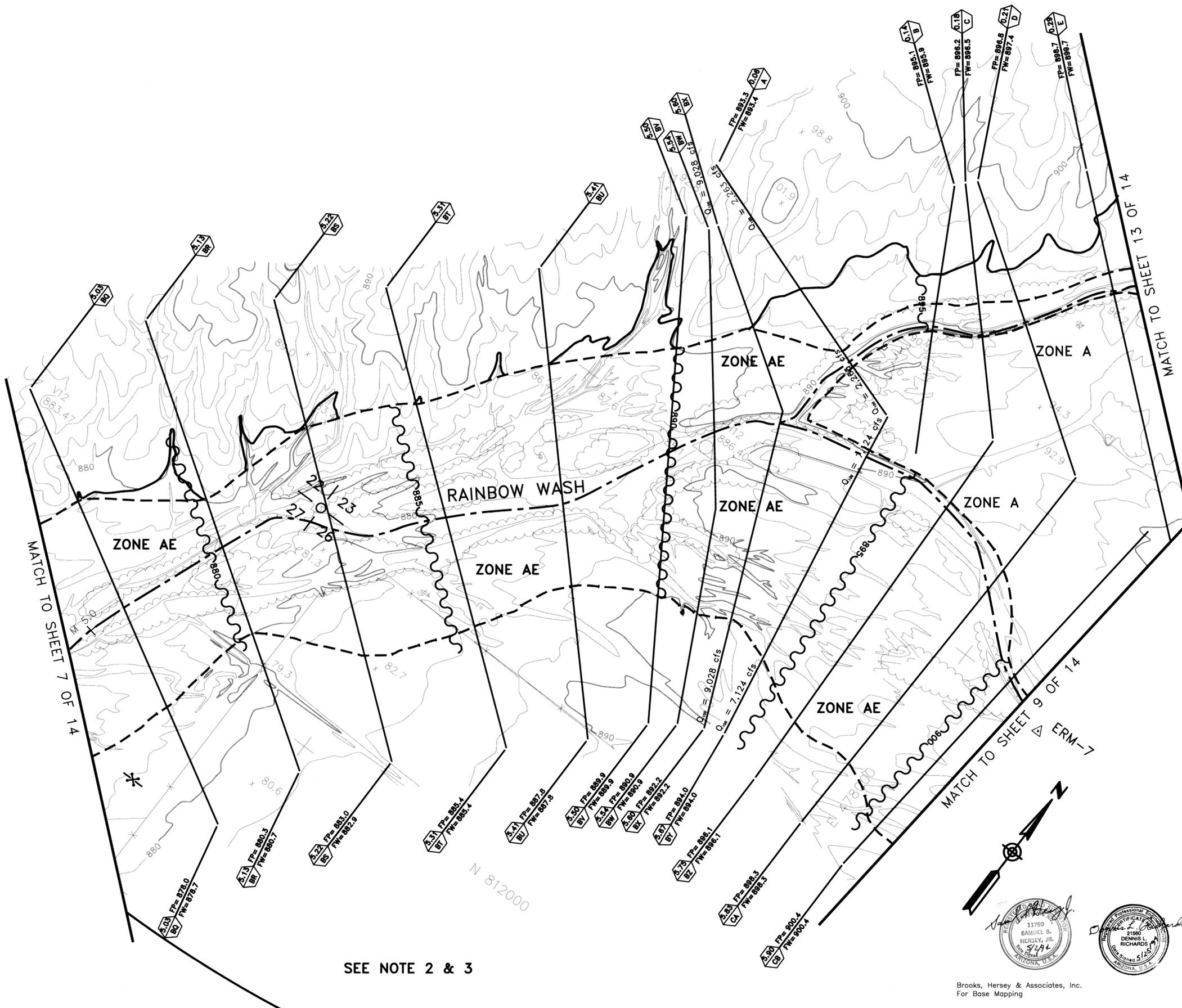
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: DATE
PLANS	JRM	6-92	APPROVED BY: DATE
PLANS CHK.	RAE	10-92	CHIEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY:	DATE:		SHEET 8 OF 14



SEE NOTE 2 & 3

Brooks, Hersey & Associates, Inc.  
For Base Mapping



FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE A
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

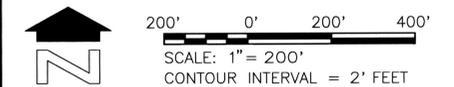
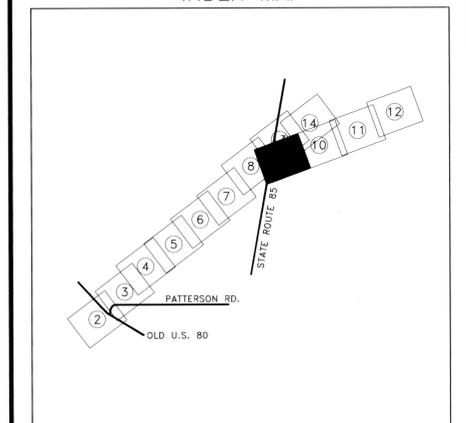
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 23, T-2-S, R-4-W.
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: DATE
PLANS CHK.	RAE	1-93	APPROVED BY: DATE
SUBMITTED BY:	DATE:		CHEF ENGINEER AND GENERAL MANAGER
			SHEET 9 of 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

SEE NOTE 2 & 3

KENNEY, ARDEN-MAPPING, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS, HERSEY & ASSOCIATES, INC.

ADM:MRB REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE A
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

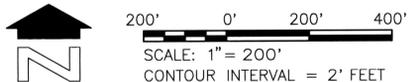
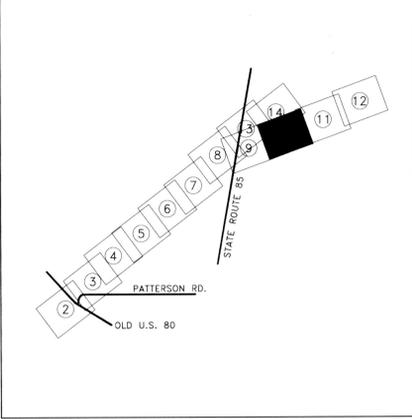
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4-W, on a 1" pipe projecting 13". Set in 1931.

NOTES

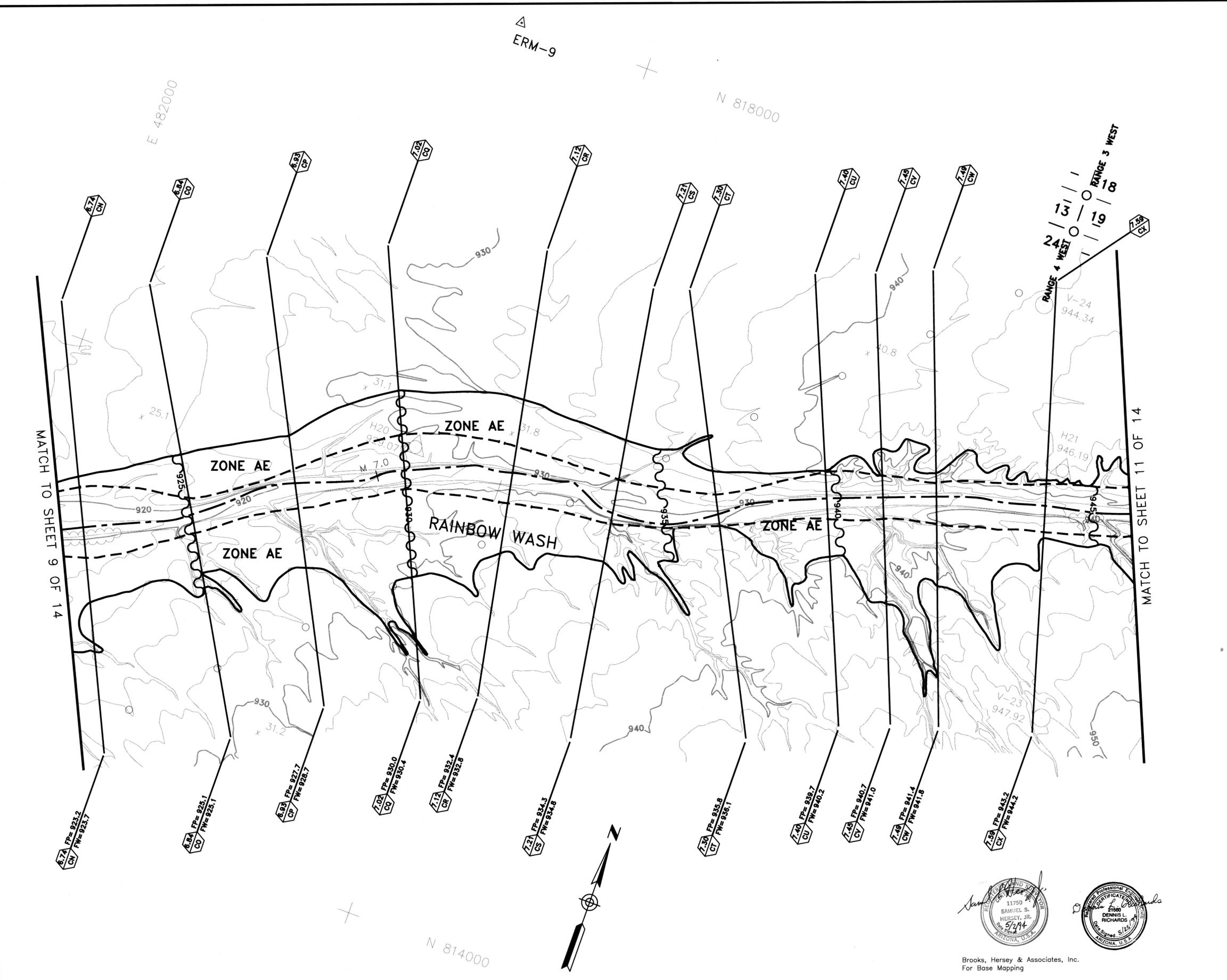
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**sia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	RECOMMENDED BY: DATE
PLANS	JRM	1-93	APPROVED BY: DATE
PLANS CHK.	RAE	1-93	CHIEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY:	DATE:		SHEET 10 of 14



KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

ADM:MRB REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

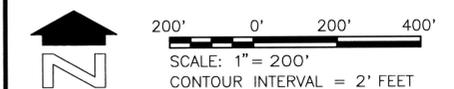
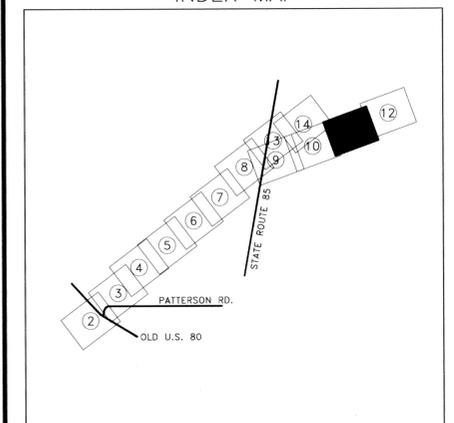
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-10	960.601	G.L.O. Brass Cap at the North 1/4 corner of Section 19, T-2-S, R-3-W on a 1" pipe projecting 15". Set in 1931.
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP

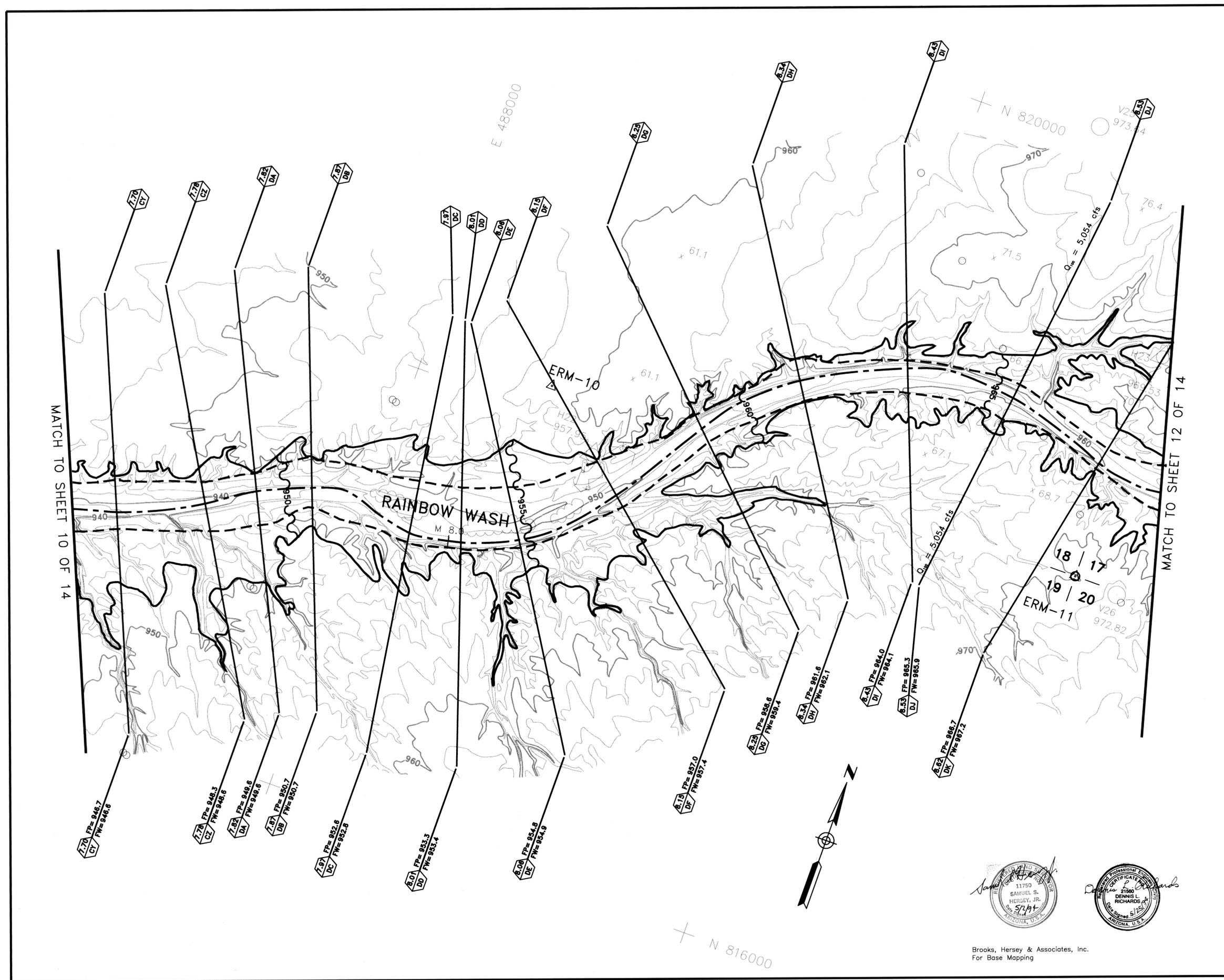


**slia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: DATE
PLANS CHK.	RAE	1-93	APPROVED BY: DATE
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
DATE:			SHEET 11 of 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping



KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.

ADM:MRB REV. DEC. 10, 1991

# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## FLOOD DELINEATION STUDY OF RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

### LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	

### ELEVATION REFERENCE MARKS

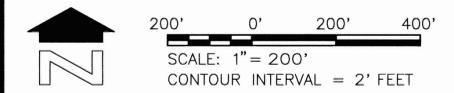
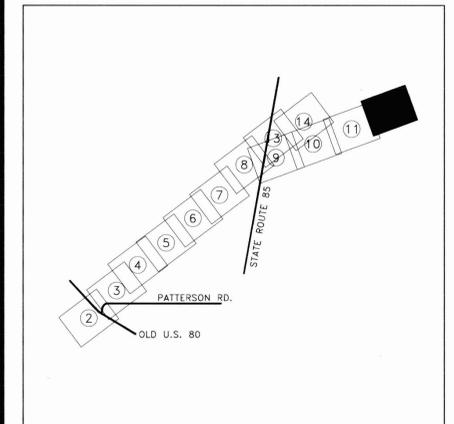
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

### NOTES

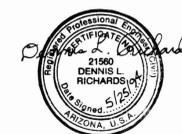
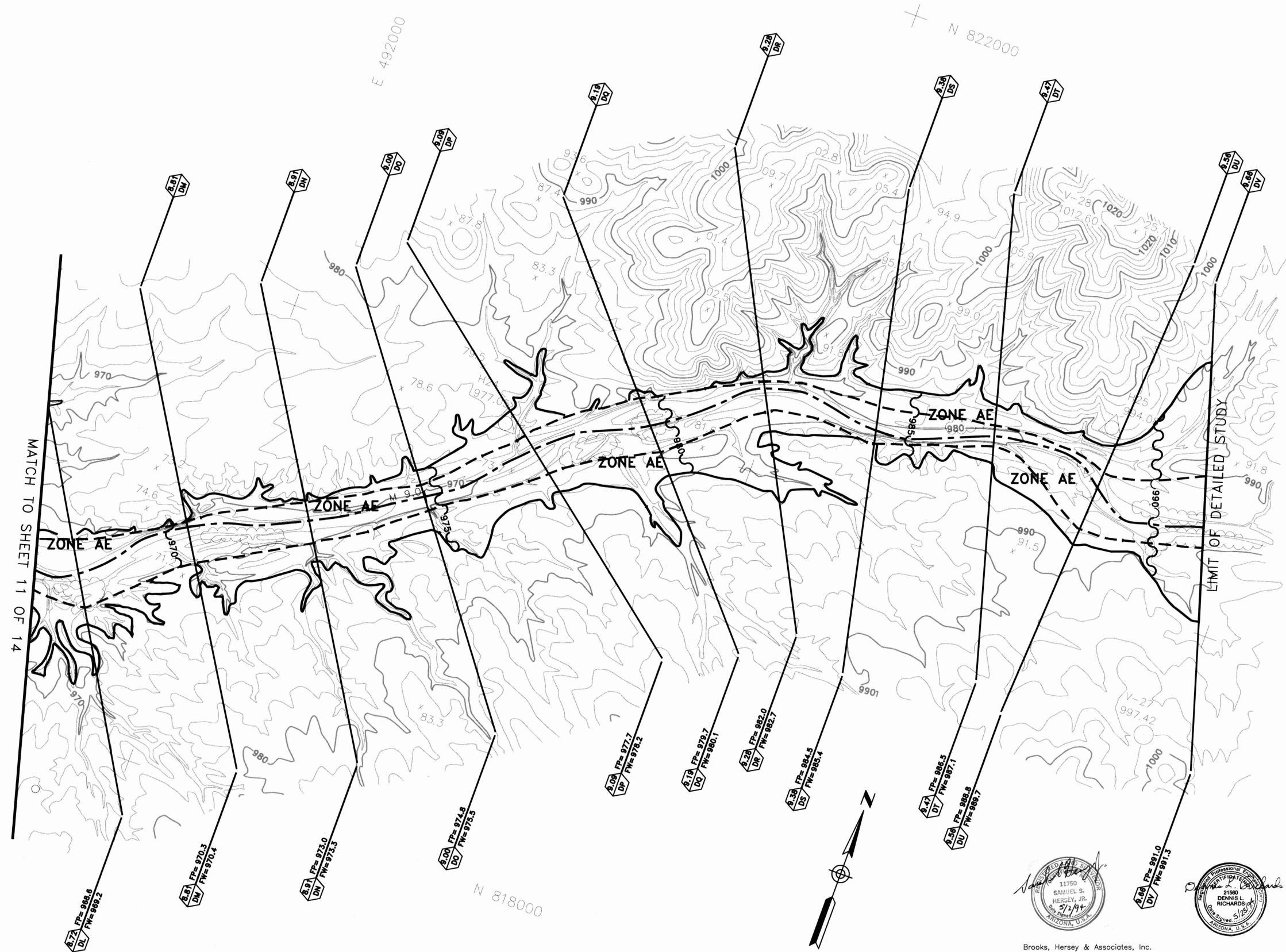
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- SEE SHEET 11 FOR ERM-11.

### INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	RECOMMENDED BY: DATE
PLANS	JRM	1-93	APPROVED BY: DATE
PLANS CHK.	RAE	1-93	CHIEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY:	DATE:		SHEET 12 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	

ELEVATION REFERENCE MARKS

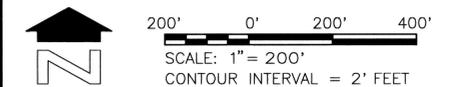
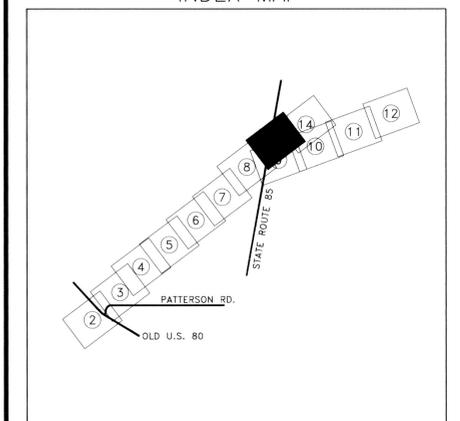
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP

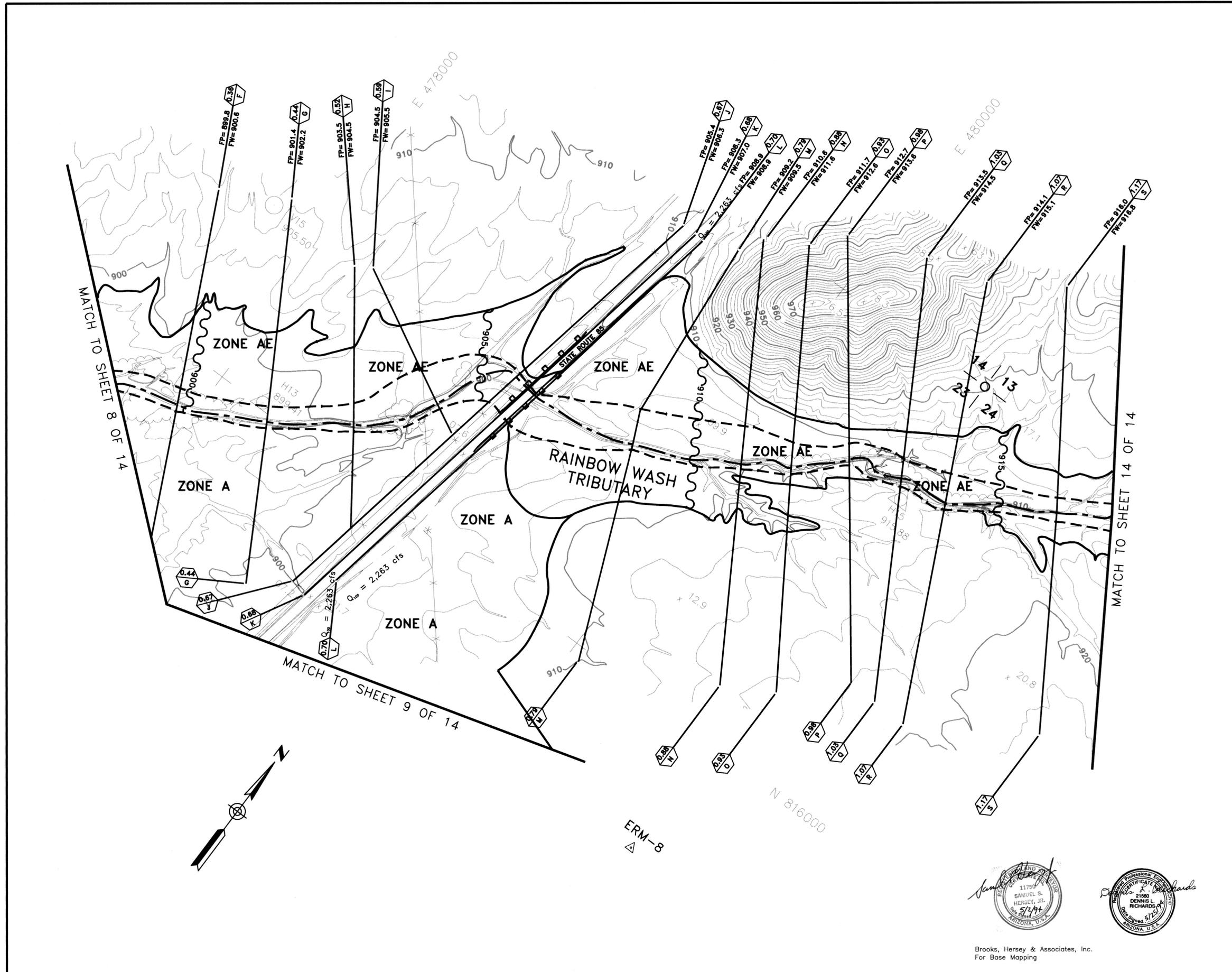


**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: DATE
PLANS CHK.	RAE	10-92	APPROVED BY: DATE
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
	DATE:		SHEET 13 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping



FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0      M13.0
CROSS SECTION	FD=100 Yr WSE FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
SECTION CORNER	$\frac{8\frac{1}{2}}{7\frac{1}{8}}$
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

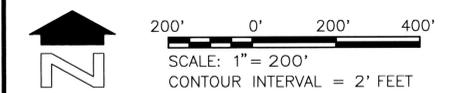
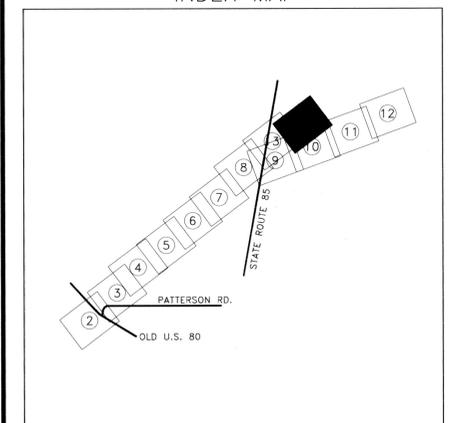
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4 W, on a 1" pipe projecting 13". Set in 1931.

NOTES

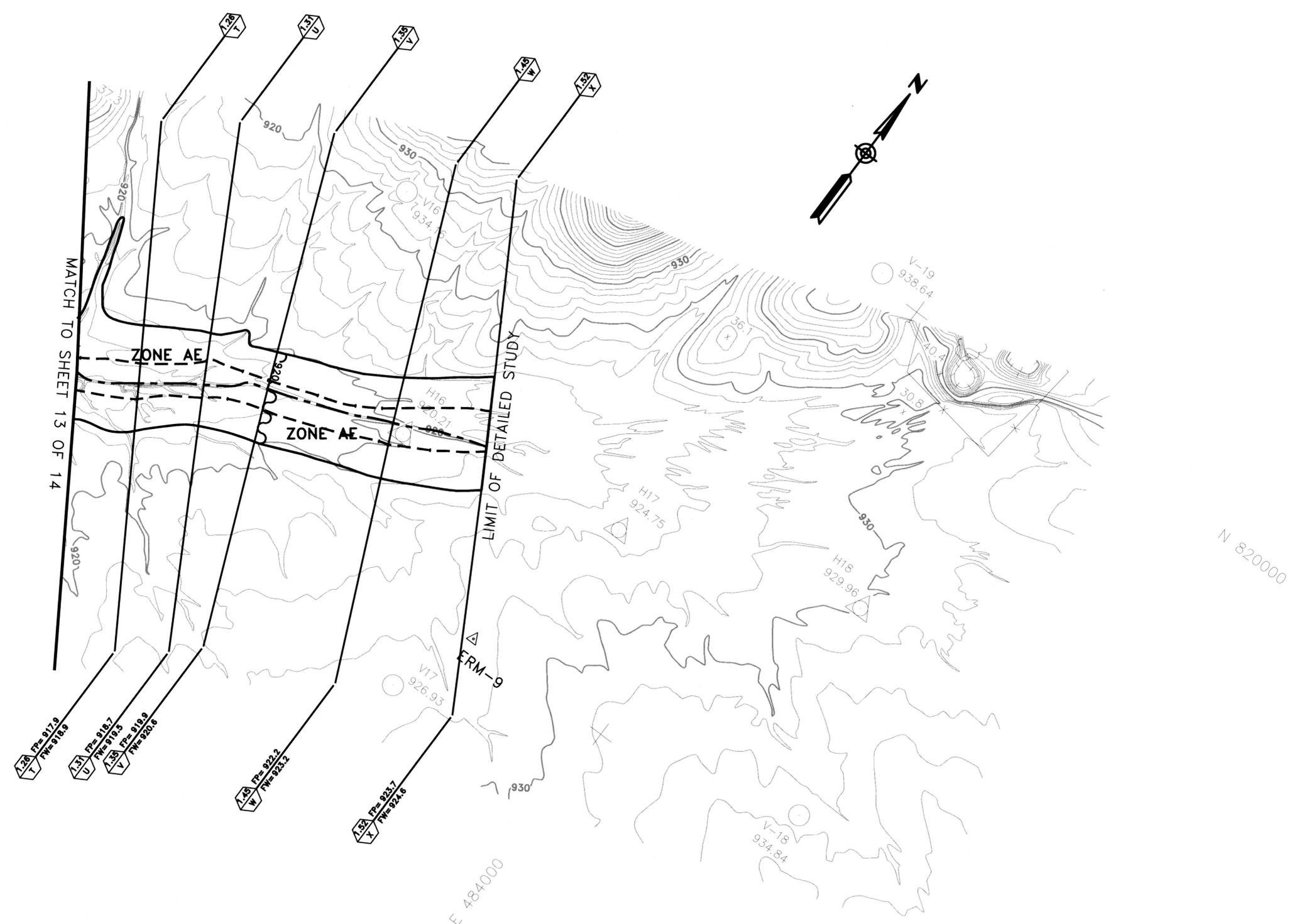
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP

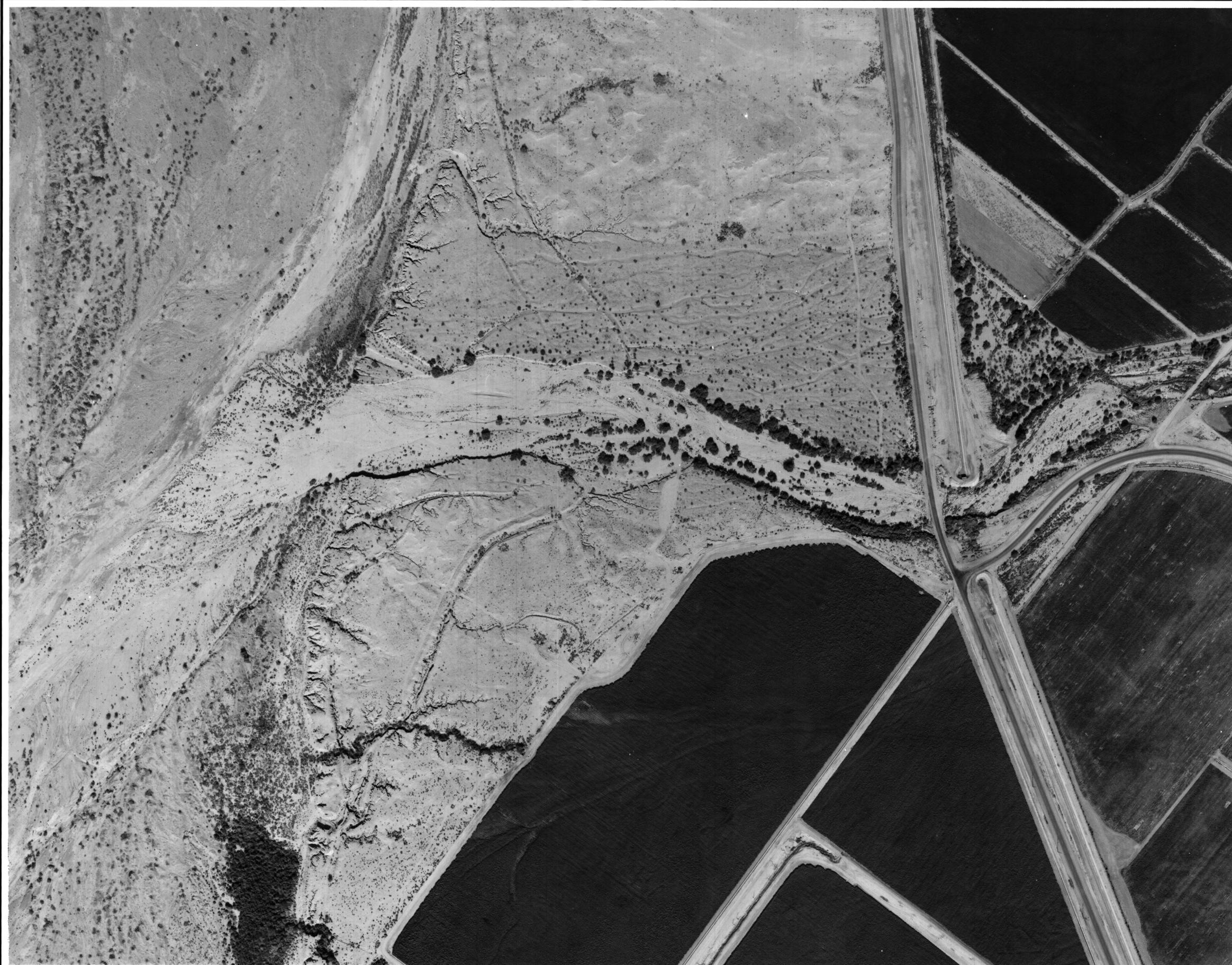


**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 14 OF 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE WITH RIVER MILE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS

**ELEVATION REFERENCE MARKS**

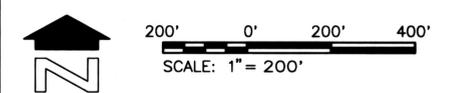
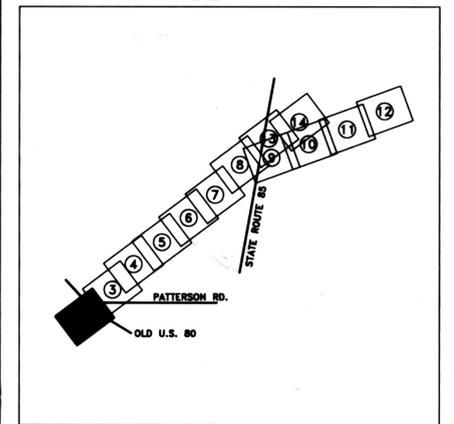
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-1	749.177	Brass Cap in 6' x 6' concrete well casing ±1300' South and ±300' West of the Northeast corner of Section 7, T-4-W, R-3-S.

**NOTES**

1. CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
2. GILA RIVER FLOODPLAIN AND FLOODWAY PER GILA RIVER MAP REVISION REQUEST, GILLESPIE DAM TO GILA BEND INDIAN RESERVATION, MARICOPA COUNTY, ARIZONA. STUDY PERFORMED BY CELLA BARR ASSOCIATES FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY (MAP ISSUE DATE: 11/12/90).
3. GILA BEND CANAL FLOOD INSURANCE STUDY PERFORMED BY DONOHUE & ASSOCIATES, INC. FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY UNDER CONTRACT NO. FCD 90-06.

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	6-92	
PLANS	JRM	10-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	6-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE:		CHEF ENGINEER AND GENERAL MANAGER
			SHEET 2 OF 14



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	FD=100 Yr WSE FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1
SECTION CORNER	6 1/8 7 1/8
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

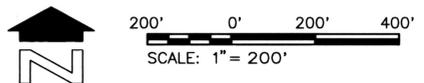
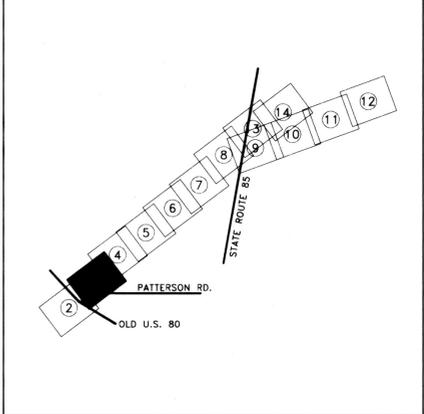
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-2	767.652	Brass Cap in Hand Hole South 1/4 corner of Section 5, T-3-S, R-4-W.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

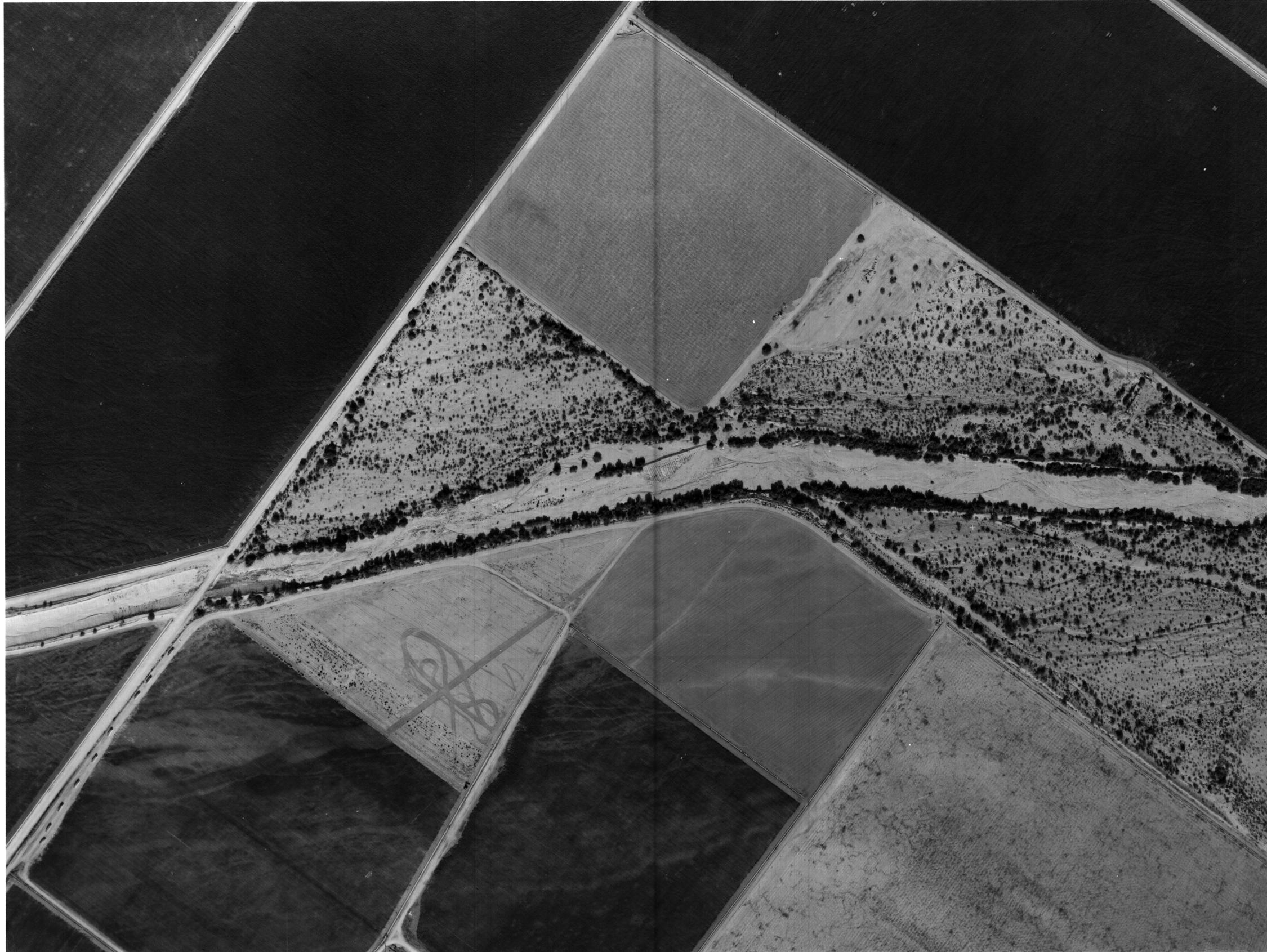
**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 3 of 14

KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
SECTION CORNER	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

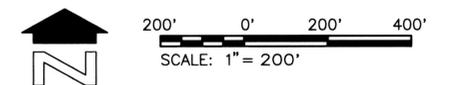
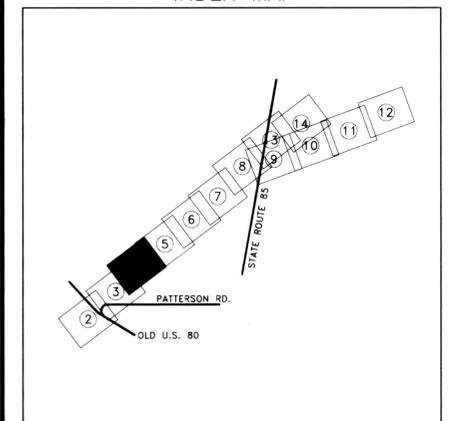
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-3	795.424	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing ±1000' North and ±30' East of the North 1/4 of Section 5, T-2-S, R-4-W.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY: _____	DATE: _____	CHIEF ENGINEER AND GENERAL MANAGER	
		SHEET 4 OF 14	



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	

**ELEVATION REFERENCE MARKS**

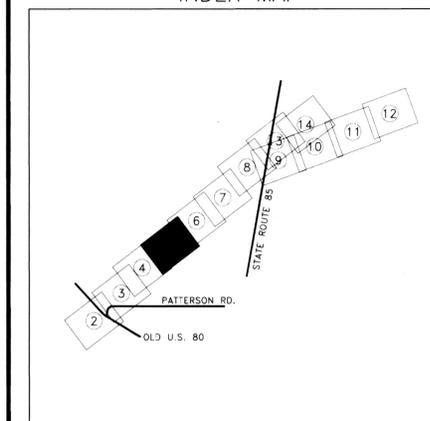
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-4	813.794	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing ±120' East, and ±175' North of the Southwest corner of Section 33, T-2-S, R-4-W.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

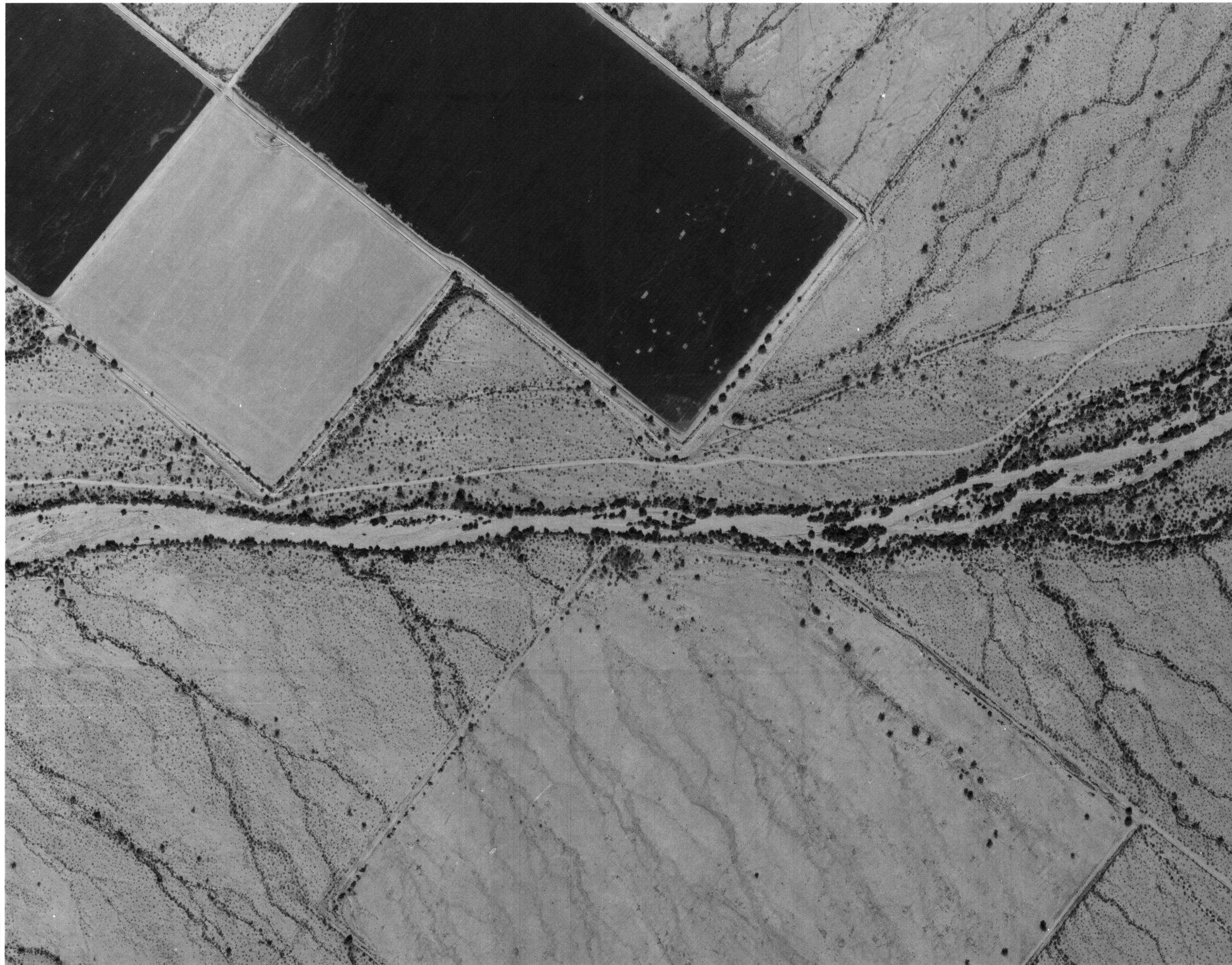
**INDEX MAP**



200' 0' 200' 400'  
SCALE: 1" = 200'

**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY: _____	DATE: _____		CHEF ENGINEER AND GENERAL MANAGER
			SHEET 5 OF 14



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
SECTION CORNER	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	

**ELEVATION REFERENCE MARKS**

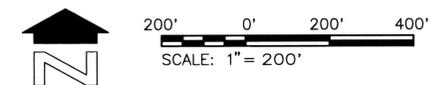
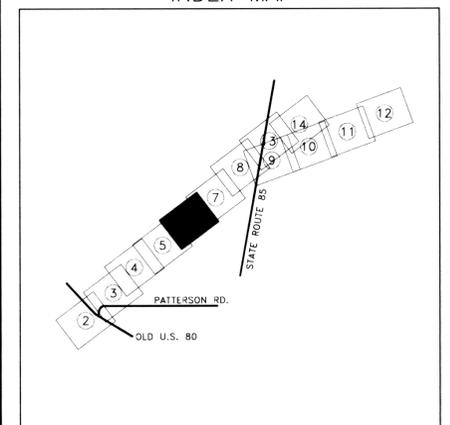
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-5	846.299	G.L.O. Brass Cap at the West 1/4 corner of Section 34, T-2-S, R-4-W on a 1" pipe projecting 8". Set in 1931.

**NOTES**

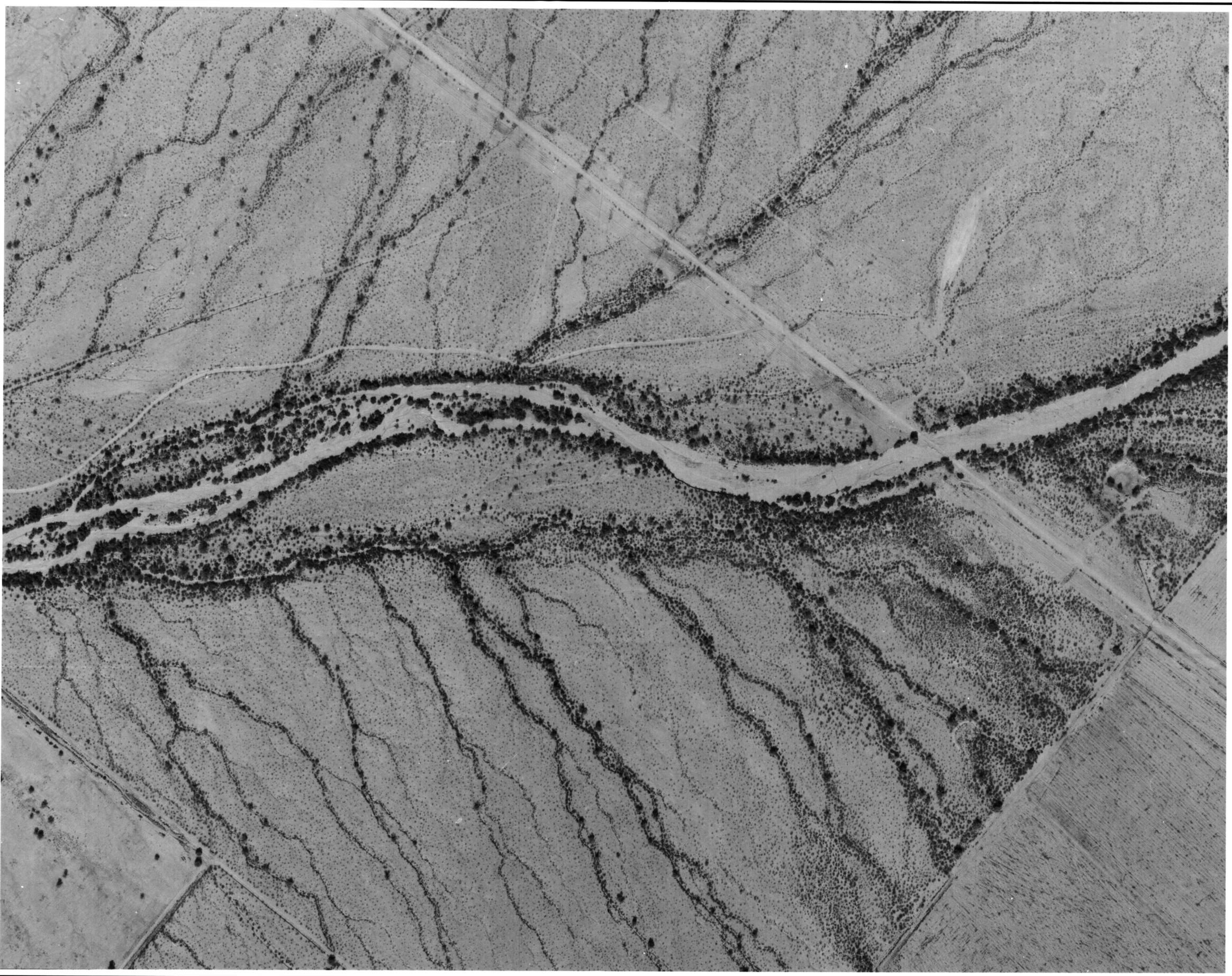
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET <b>6</b> OF <b>14</b>



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	

**ELEVATION REFERENCE MARKS**

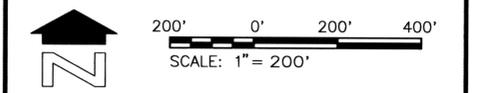
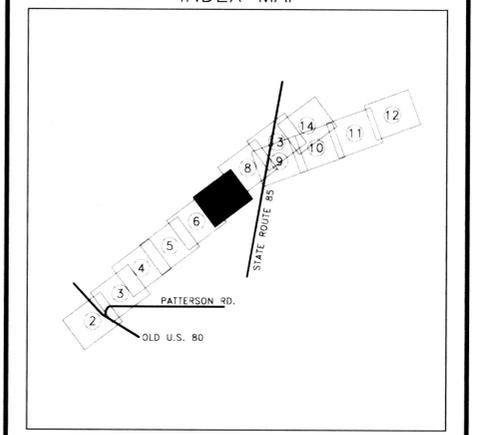
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-6	884.107	Brass Cap in concrete ±1450 North and ±1' W of the Southwest corner of Section 26, T-2-S, R-4-W, 34' North and 1' West of a fence corner, and stamped Rainbow ERM-6.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE _____
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
	DATE: _____		SHEET 7 OF 14



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE WITH RIVER MILE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS

**ELEVATION REFERENCE MARKS**

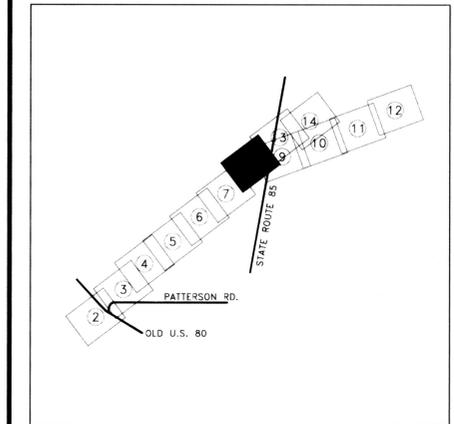
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1985

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 23, T-2-S, R-4-W.

**NOTES**

1. CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
2. THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
3. THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

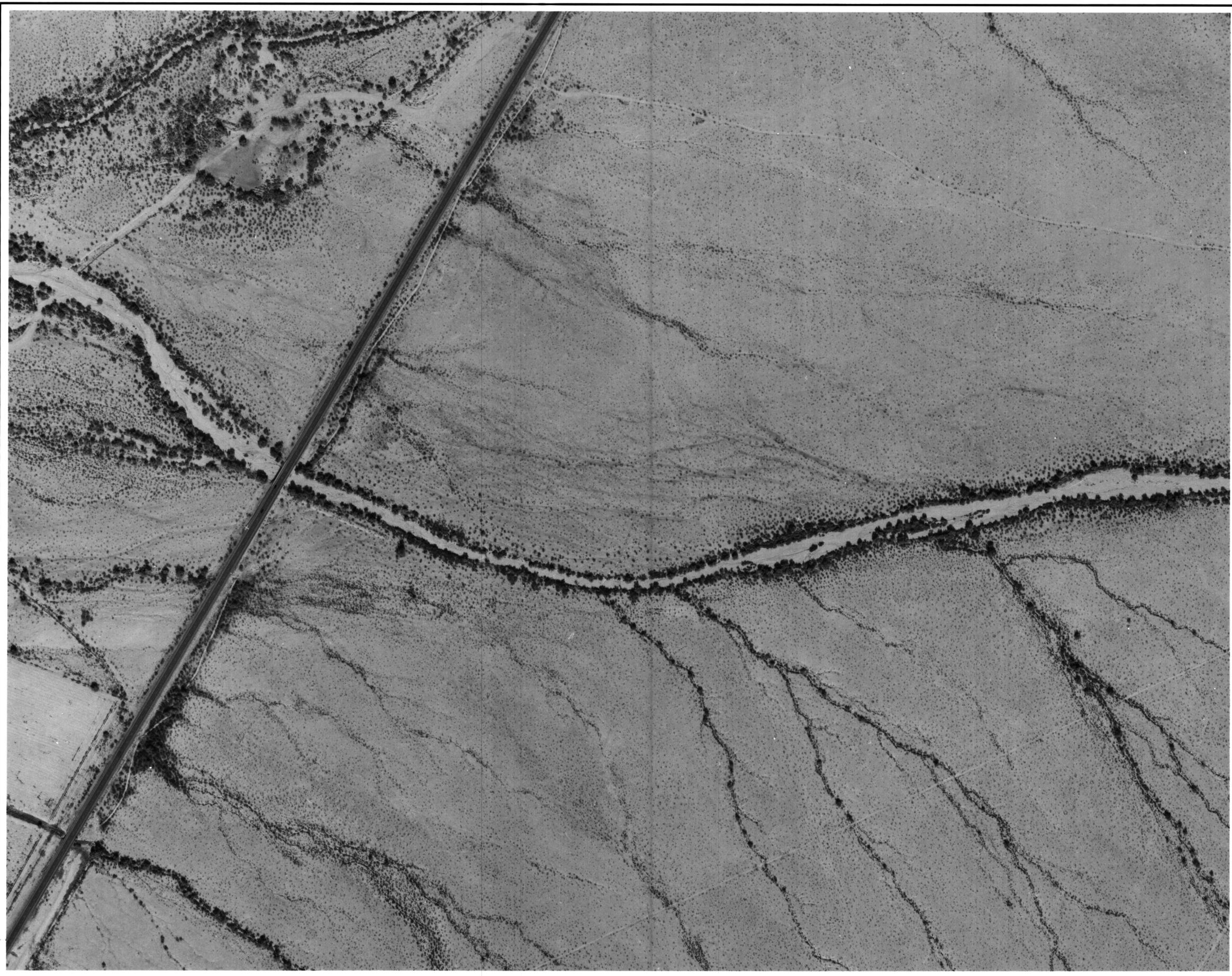
**INDEX MAP**



200' 0' 200' 400'  
SCALE: 1" = 200'

**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE _____
SUBMITTED BY: _____	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 8 OF 14



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	=====
FLOODWAY BOUNDARY	-----
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0      M13.0
CROSS SECTION	A FD=100 Yr WSE FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

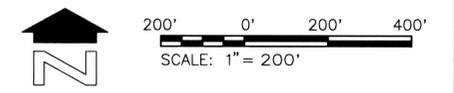
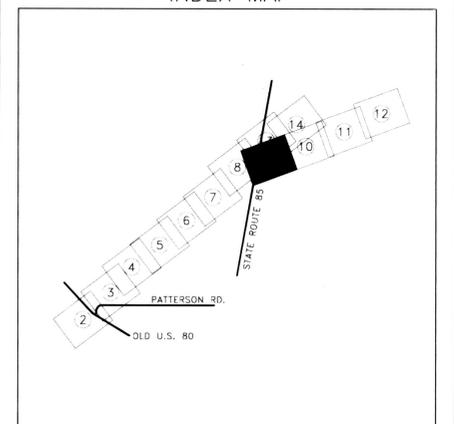
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 23, T-2-S, R-4-W.
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	1-93	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 9 OF 14

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

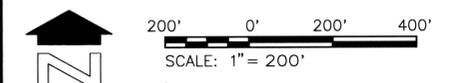
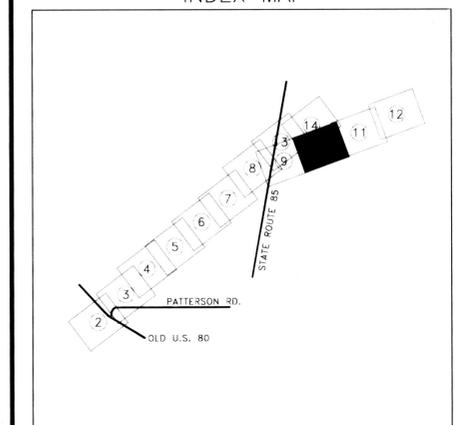
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4-W, on a 1" pipe projecting 13". Set in 1931.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	1-93	APPROVED BY: _____ DATE: _____
SUBMITTED BY:			CHEF ENGINEER AND GENERAL MANAGER
DATE:			SHEET 10 of 14

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	-----
FLOODWAY BOUNDARY	-----
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0      M13.0
CROSS SECTION	△ FD=100 Yr WSE △ FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 △
BASE FLOOD ELEVATIONS	~~~~~ 1221 ~~~~~
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

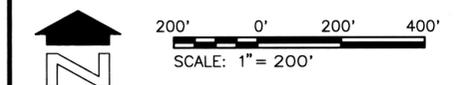
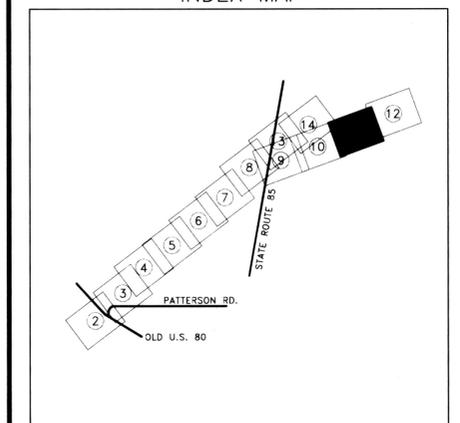
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-10	960.601	G.L.O. Brass Cap at the North 1/4 corner of Section 19, T-2-S, R-3-W on a 1" pipe projecting 15". Set in 1931.
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	1-93	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 11 OF 14

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	
CROSS SECTION	
ELEVATION REFERENCE MARK	
BASE FLOOD ELEVATIONS	
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

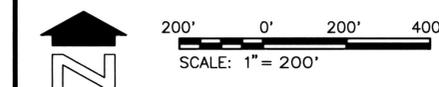
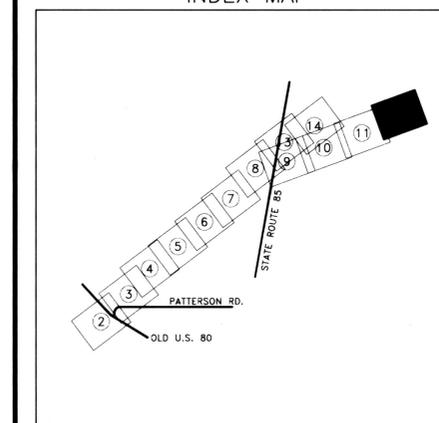
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- SEE SHEET 11 FOR ERM-11.

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JRM	1-93	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	1-93	APPROVED BY: _____ DATE: _____
SUBMITTED BY:			CHEF ENGINEER AND GENERAL MANAGER
	DATE:		SHEET 12 OF 14



**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE A
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

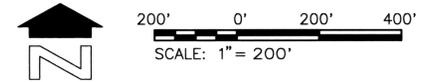
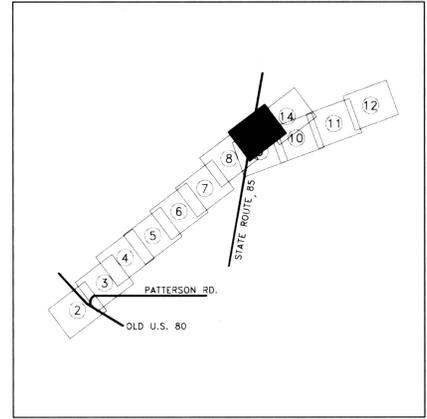
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:			CHEF ENGINEER AND GENERAL MANAGER
DATE:			SHEET 13 OF 14

KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	FD=100 Yr WSE FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1/Δ
SECTION CORNER	6 1/2 7 1/2
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

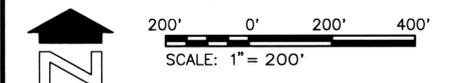
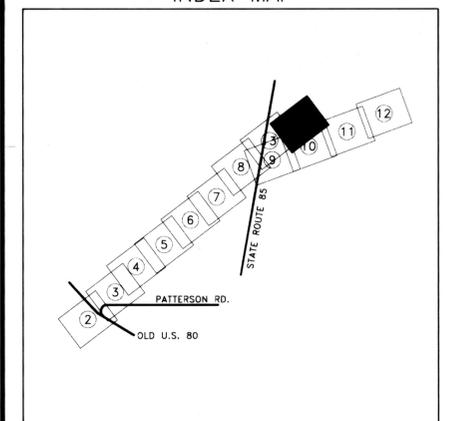
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4-W, on a 1" pipe projecting 13". Set in 1931.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

**INDEX MAP**



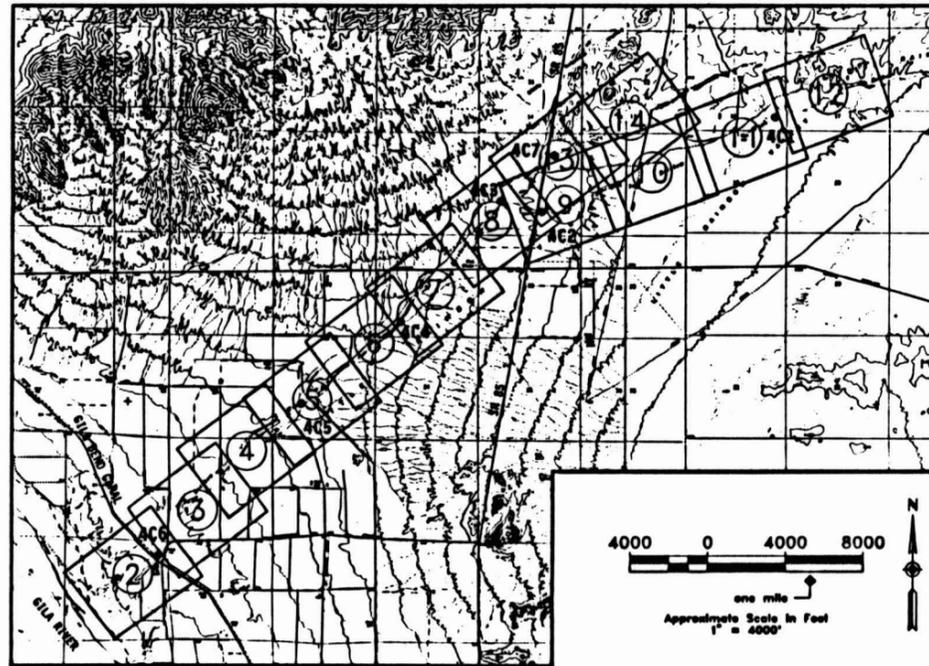
**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	DATE: _____		CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 14 OF 14

# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY FLOOD DELINEATION STUDY OF RAINBOW WASH AND TRIBUTARY FCD 90-66

## 100-YEAR FLOODPLAIN DELINEATION DISCHARGES

Flooding Source	Reach	Discharge (cfs)
Rainbow Wash	Gila River to Gila Canal (4C6)	11,568
	Gila Canal (4C6) to 4C5	11,568
	4C5 to 4C4	10,743
	4C4 to 4C3	9,028
	4C3 to 4C2	7,124
	4C2 to 4C1	7,124
	4C1 to Study Limits	5,054
Rainbow Wash Tributary	4C3 to 4C7	2,263
	4C7 to Study Limits	2,263



VICINITY MAP

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	STUDY FLOODPLAIN LIMITS
RAINBOW WASH	
2	XSEC 0.02 TO 0.79
3	XSEC 0.89 TO 1.55
4	XSEC 1.61 TO 2.39
5	XSEC 2.49 TO 3.24
6	XSEC 3.34 TO 4.00
7	XSEC 4.09 TO 4.94
8	XSEC 5.03 TO 5.90
9	XSEC 5.94 TO 6.65
10	XSEC 6.74 TO 7.59
11	XSEC 7.70 TO 8.62
12	XSEC 8.72 TO 9.66
RAINBOW WASH TRIBUTARY	
8	XSEC 0.06 TO 0.29
13	XSEC 0.36 TO 1.17
14	XSEC 1.26 TO 1.52



Brooks, Hersey & Associates, Inc.  
For Base Mapping

### NOTE: ELEVATION REFERENCE MARK (ERM) LOCATION

TO FIND ERM-1 THROUGH ERM-11, START IN DOWNTOWN BUCKEYE, ARIZONA AND PROCEED SOUTH ON STATE ROUTE 85 APPROXIMATELY 19 MILES TO PATTERSON ROAD, THENCE APPROXIMATELY 3 MILES WEST TO THE INTERSECTION OF OLD U.S. 80 AND PATTERSON ROAD. ERM-1 IS A BRASS CAP IN A 6" X 6" CONCRETE WELL CASEING APPROXIMATELY 200 FEET WEST OF THE INTERSECTION OF OLD U.S. 80 AND PATTERSON ROAD. ERM-1 IS NOTED WITH THE MAP SYMBOL 

314

### MAP SYMBOL LEGEND

-  49.1 POINT ELEVATION
-  FENCE
-  POWER LINE
-  VERTICAL SURVEY CONTROL POINT
-  HORIZONTAL/VERTICAL SURVEY CONTROL POINT
-  DENSE VEGETATION



**sla** SIMONS, LI & ASSOCIATES, INC.  
4600 SOUTH MILL AVENUE  
TEMPE, ARIZONA 85282

**Kenney Aerial Mapping Inc.**  
ENGINEERS/SURVEYORS

FLIGHT DATE: OCTOBER 26, 1991  
STUDY DATE: 1992

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

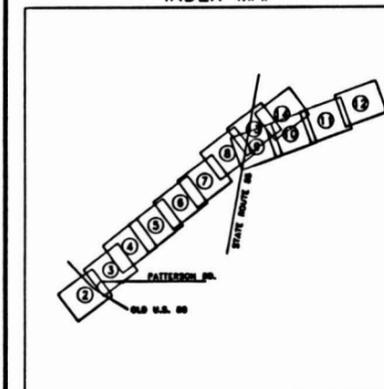
LEGEND

100-YR FLOODPLAIN BOUNDARY 

NOTES

1. THE 100-YEAR FLOODPLAIN BOUNDARIES PRESENTED ON THIS MAP BEYOND THE DETAILED MAPPING LIMITS WERE DEFINED BY FEMA.
2. FEMA ASSUMED THAT FLOW WOULD BREAK OUT FROM THE MAIN CHANNEL AND REJOIN THE MAIN CHANNEL AT A DOWNSTREAM LOCATION.

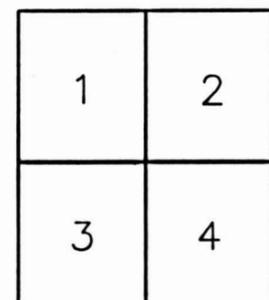
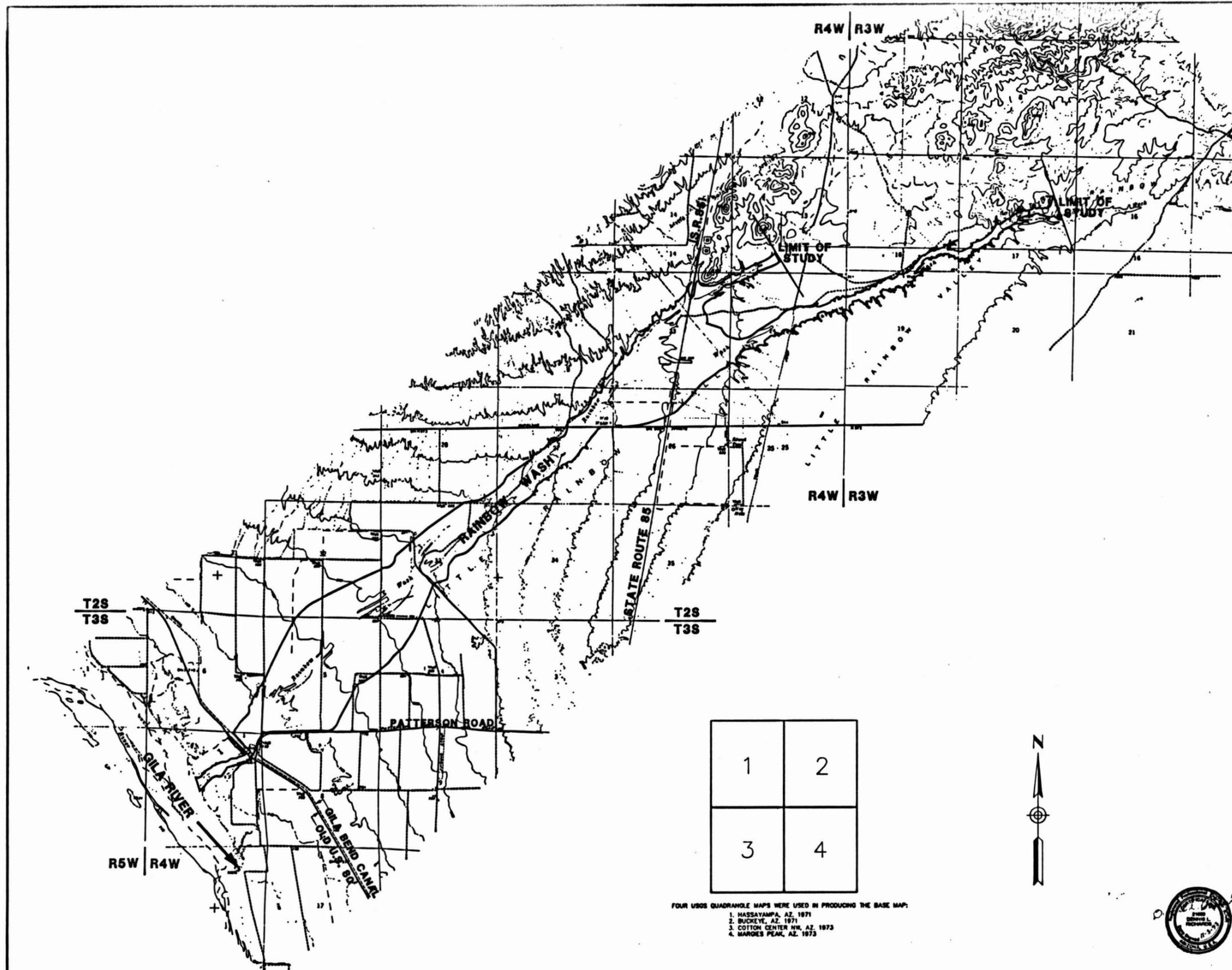
INDEX MAP



 2000' 0' 2000' 4000'  
SCALE: 1" = 2000'  
CONTOUR INTERVAL = VARIES

**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY	
DESIGN CHK.	RAE	10-93	RECOMMENDED BY:	DATE:
PLANS	JM	10-93	APPROVED BY:	DATE:
PLANS CHK.	RAE	10-93	CHIEF ENGINEER AND GENERAL MANAGER	DATE:
SUBMITTED BY:			SHEET	1 of 14



FOUR USGS QUADRANGLE MAPS WERE USED IN PRODUCING THE BASE MAP:  
1. HASSAYAMPA, AZ. 1971  
2. BUCKEYE, AZ. 1971  
3. COTTON CENTER NW, AZ. 1973  
4. MARGES PEAK, AZ. 1973



SCALE: 1" = 2000'  
CONTOUR INTERVAL: VARIES BETWEEN 10', 20' & 40'.  
VERTICAL DATUM: N.G.V.D. OF 1929.

THIS MAP IS A REPRODUCED PORTION OF SEVERAL ATTACHED USGS 7.5' TOPOGRAPHIC MAPS USING A COMPUTER IMAGE SCANNING DEVICE AND LATER CONVERTING INTO REAL SCALE VECTOR CAD FORMAT. A FEW MINOR DISCREPANCIES AND MISALIGNMENTS ARE THE PRODUCTS OF CONVERSION ROUND-OFF AND MECHANICAL HANDLING ERRORS.

REV. DEC. 16, 1991

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH**

F.C.D. CONTRACT NO. 90-66

**LEGEND**

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE WITH RIVER MILE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS

**ELEVATION REFERENCE MARKS**

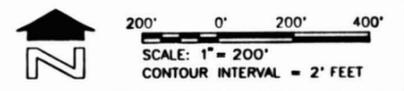
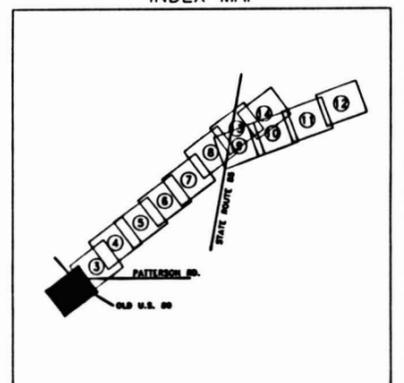
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-1	749.177	Brass Cap in 6' x 6' concrete well casing ±1300' South and ±300' West of the Northeast corner of Section 7, T-4-W, R-3-S.

**NOTES**

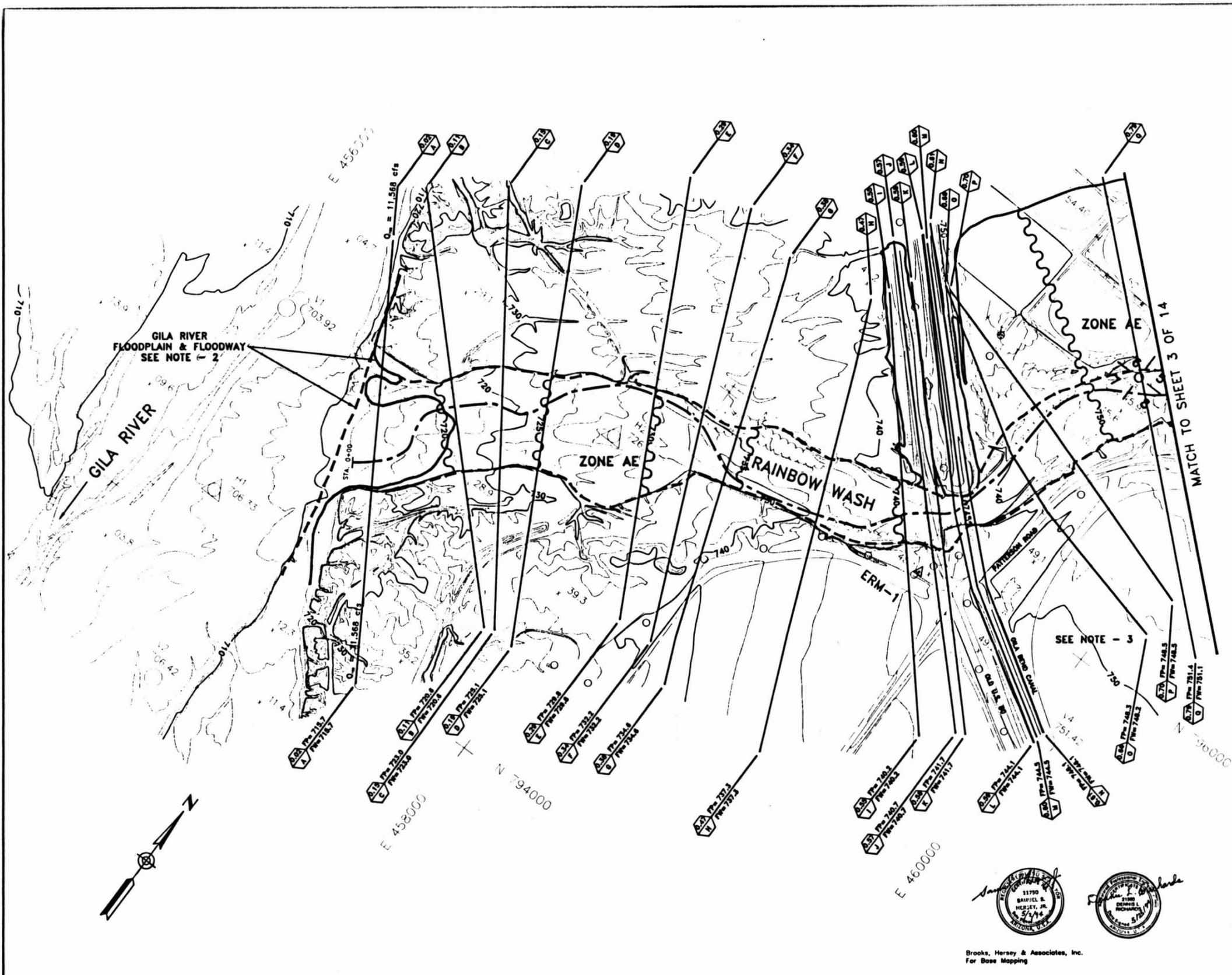
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- GILA RIVER FLOODPLAIN AND FLOODWAY PER GILA RIVER MAP REVISION REQUEST, GILLESPIE DAM TO GILA BEND INDIAN RESERVATION, MARICOPA COUNTY, ARIZONA. STUDY PERFORMED BY CELLA BARR ASSOCIATES FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY (MAP ISSUE DATE: 11/12/90).
- GILA BEND CANAL FLOOD INSURANCE STUDY PERFORMED BY DONOHUE & ASSOCIATES, INC. FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY UNDER CONTRACT NO. FCD 90-06.

**INDEX MAP**



**sla** SMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JHM	8-92	APPROVED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	CHEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY:			SHEET 2 of 14



KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

ADN MBR REV. DEC. 10, 1991

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	-----
FLOODWAY BOUNDARY	-----
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 ----- M13.0
CROSS SECTION	(A) FD=100 Yr WSE (A) FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 ▲
SECTION CORNER	1/4
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

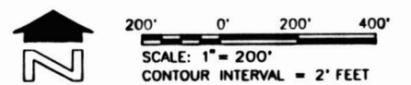
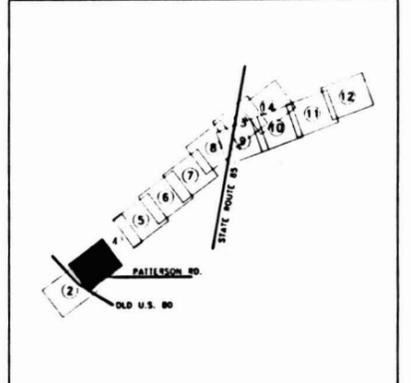
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-2	767.652	Brass Cap in Hand Hole South 1/4 corner of Section 5, T-3-S, R-4-W.

**NOTES**

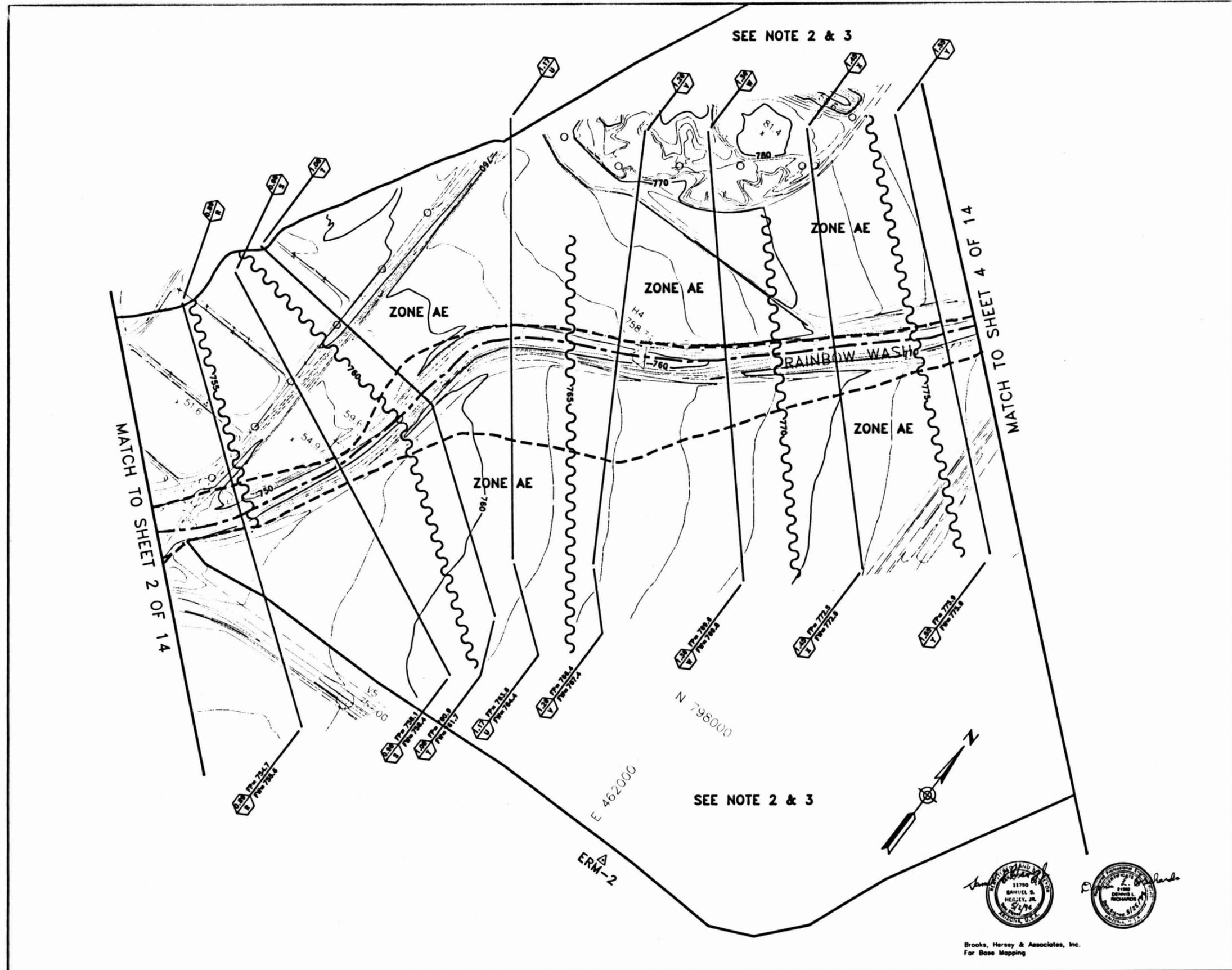
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JIM	DATE: 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JIM	6-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	_____	DATE: _____	CHEF ENGINEER AND GENERAL MANAGER
			SHEET 3 of 14



KENNEY AERIAL MAPPING, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

ADM 408 REV. DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	A FD=100 Yr WSE A FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
SECTION CORNER	⊠
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

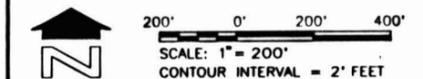
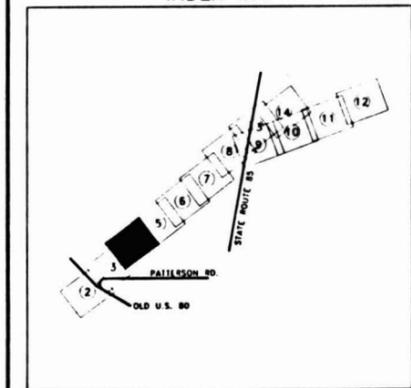
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-3	795.424	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing ±1000' North and ±30' East of the North 1/4 of Section 5, T-2-S, R-4-W.

NOTES

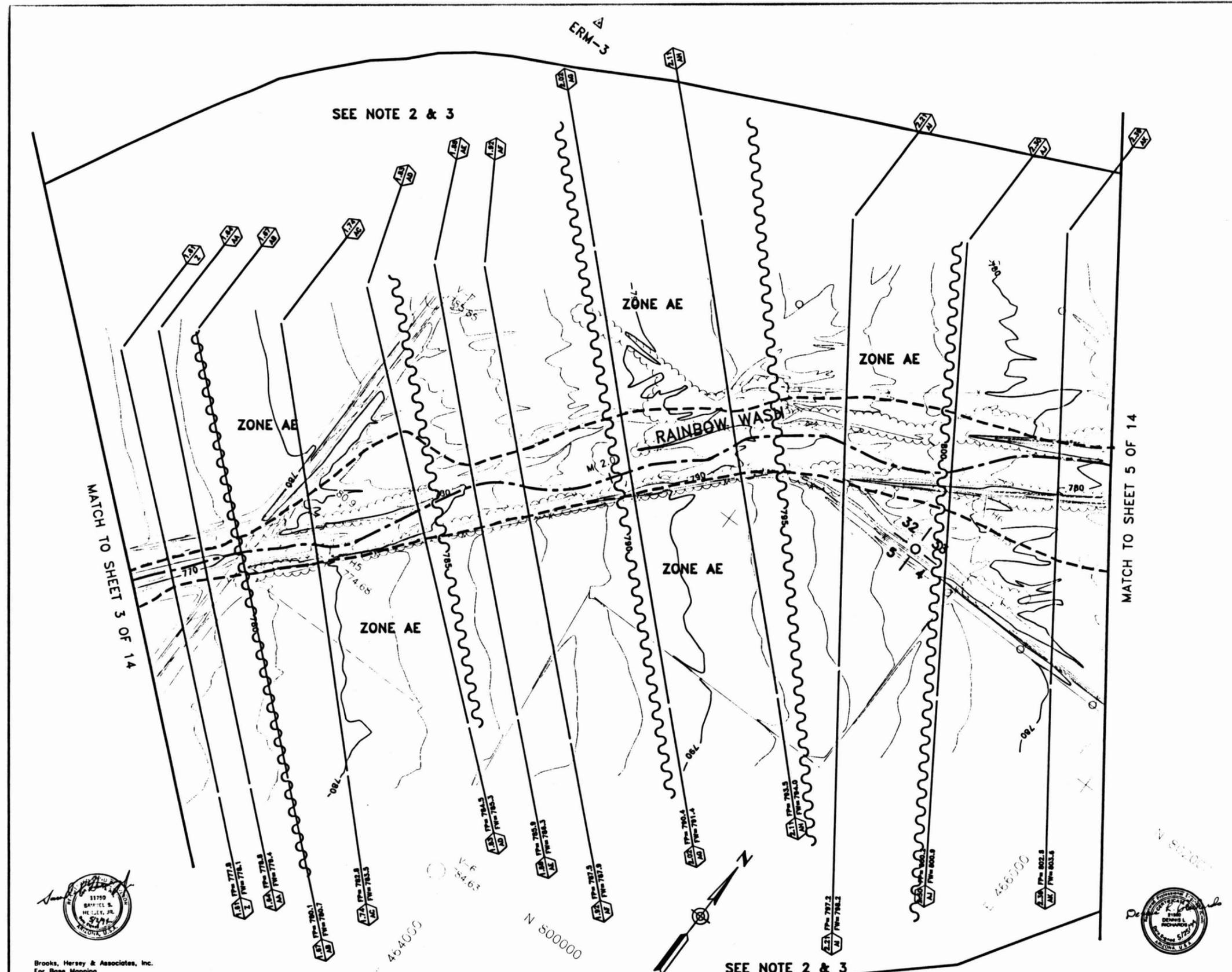
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**sia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JHM	DATE: 6-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY: _____ DATE: _____
PLANS	JHM	6-92	APPROVED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	CHEF ENGINEER AND GENERAL MANAGER
SUBMITTED BY: _____	DATE: _____	SHEET 4 OF 14	



Brooks, Hersey & Associates, Inc.  
For Base Mapping

KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.

JHM:RAE DEC. 10, 1991

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 --- M13.0
CROSS SECTION	(A) FD=100 Yr WSE (A) FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

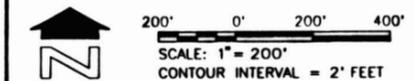
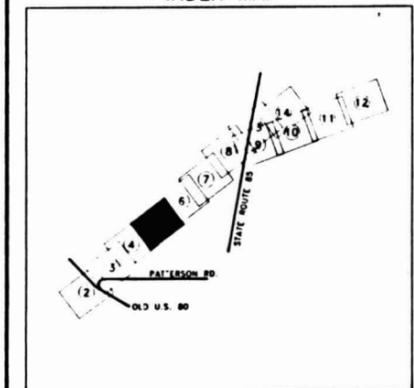
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-4	813.794	Chiseled cross with drill hole at the Northeast corner of a 6' x 6' concrete well casing ±1200' East and ±1750' North of the Southwest corner of Section 33, T-2-S, R-4-W.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

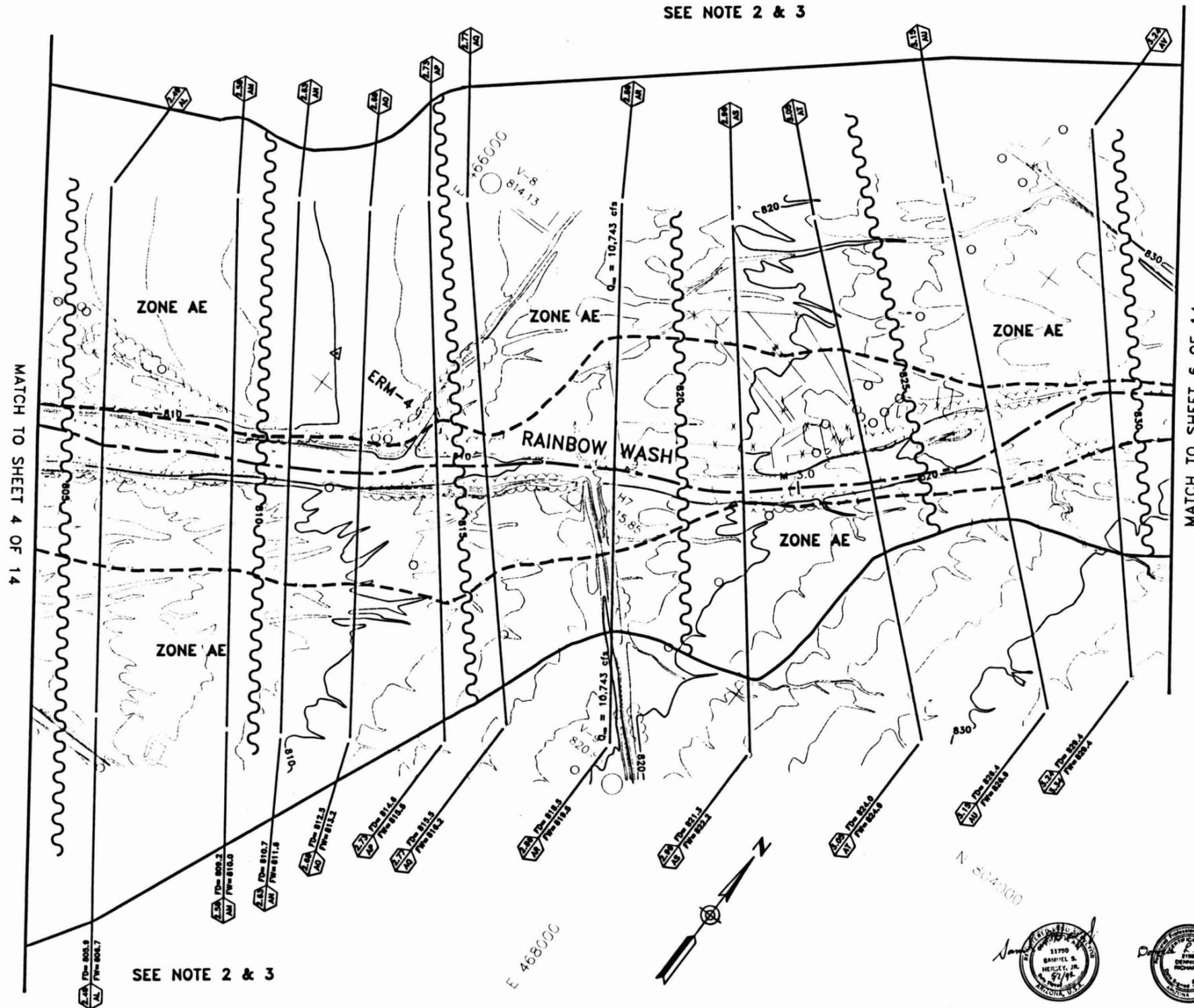
INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	JUN	DATE	8-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	RECOMMENDED BY:	DATE	
PLANS	JUN	8-92	APPROVED BY:	DATE	CHIEF ENGINEER AND GENERAL MANAGER
PLANS CHK.	RAE	10-92	SUBMITTED BY:	DATE	
SHEET					5
OF					14

SEE NOTE 2 & 3



SEE NOTE 2 & 3

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	△ FD=100 Yr WSE △ FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 △
SECTION CORNER	1/4
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

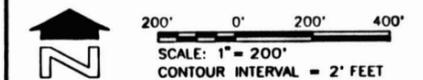
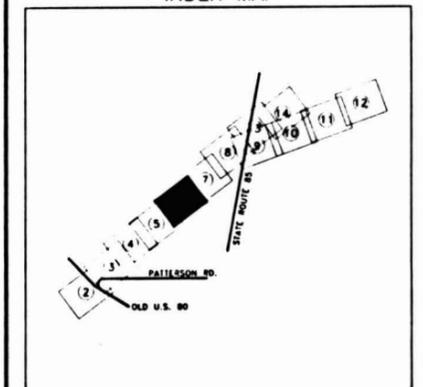
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-5	846.299	G.L.O. Brass Cap at the West 1/4 corner of Section 34, T-2-S, R-4-W on a 1" pipe projecting 8". Set in 1931.

**NOTES**

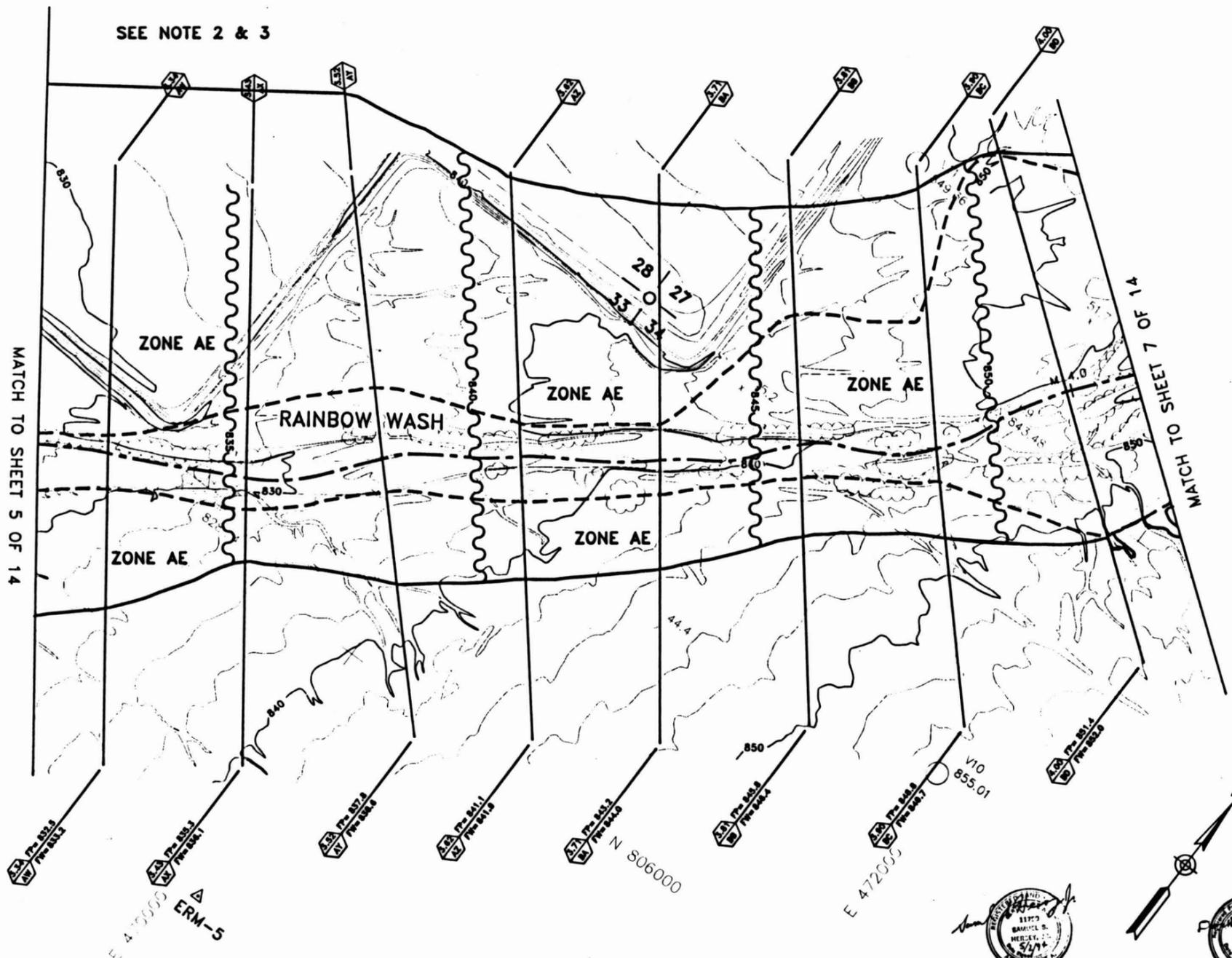
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

**INDEX MAP**



**sla** SMONS, LI & ASSOCIATES, INC.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
DESIGN	BY	DATE	RECOMMENDED BY:
DESIGN CHK.	RAE	10-92	DATE:
PLANS	JHM	8-92	APPROVED BY:
PLANS CHK.	RAE	10-92	DATE:
SUBMITTED BY:	DATE:		CHEF ENGINEER AND GENERAL MANAGER
			SHEET 6 of 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping



SEE NOTE 2 & 3

MATCH TO SHEET 5 OF 14

MATCH TO SHEET 7 OF 14

RENNEY AERIAL MAPPING, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 28, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.

NOV 1992 REV. DEC. 10, 1991

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE WITH RIVER MILE
- CROSS SECTION FD=100 Yr WSE  
FW=Floodway WSE
- ELEVATION REFERENCE MARK ERM-1
- BASE FLOOD ELEVATIONS 1221
- ZONE DESIGNATIONS ZONE AE

**ELEVATION REFERENCE MARKS**

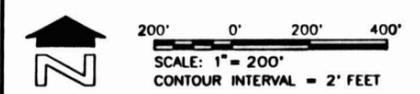
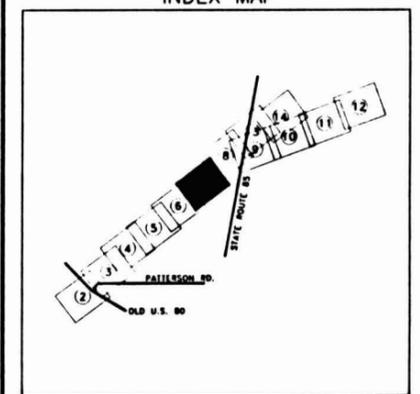
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

LD. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-6	884.107	Bronze Cap in concrete ±1450 North and ±1' W of the Southwest corner of Section 26, T-2-S, R-4-W, 34' North and 1' West of a fence corner, and stamped Rainbow ERM-6.

**NOTES**

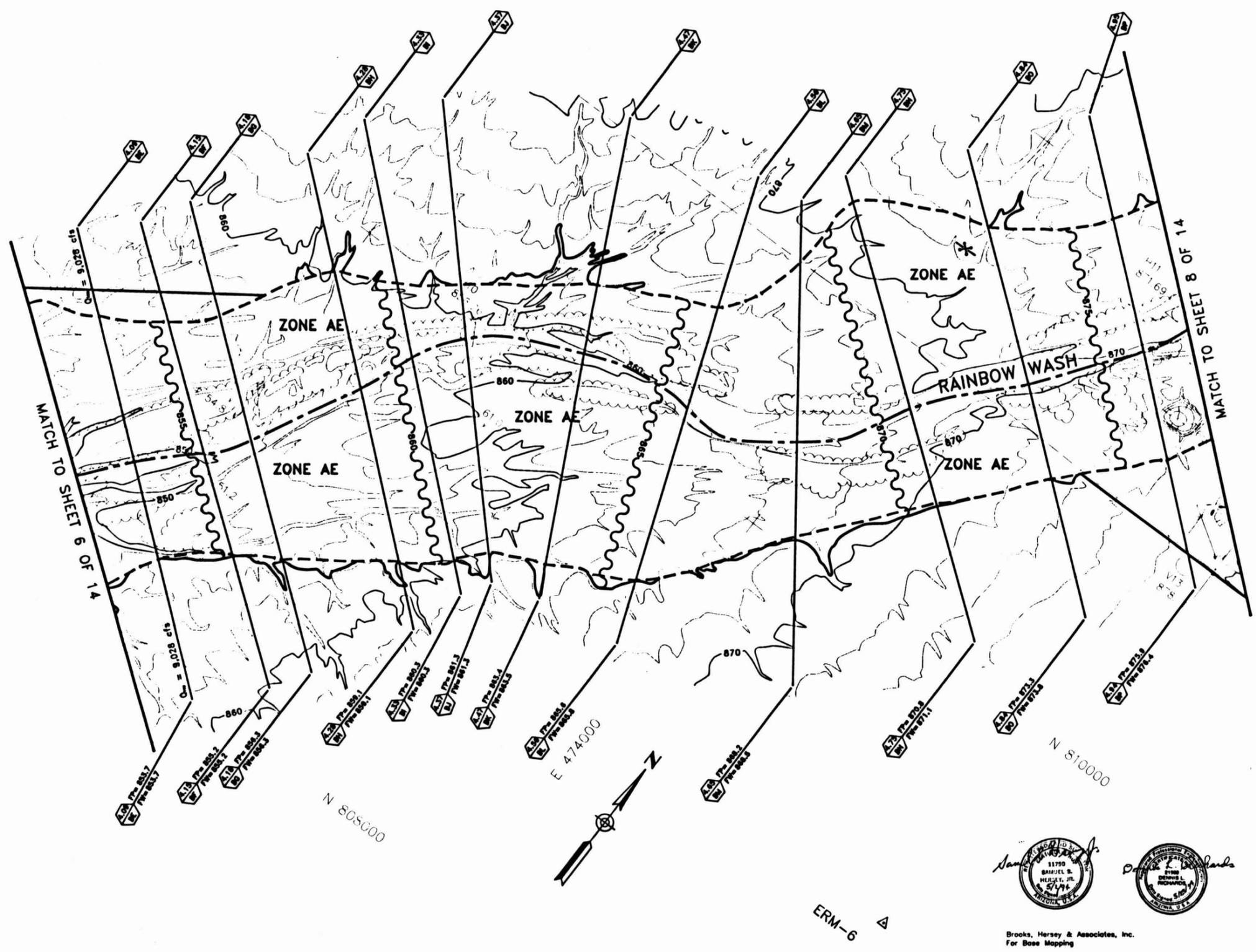
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

**INDEX MAP**



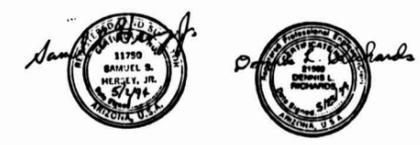
**sls** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 8-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	8-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY: _____	DATE: _____		CHEF ENGINEER AND GENERAL MANAGER
			SHEET 7 of 14



KENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

ADAMS REV. DEC. 10, 1991

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 --- M13.0
CROSS SECTION	(A) FD=100 Yr WSE (A) FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

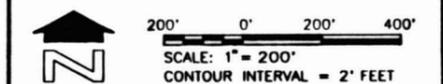
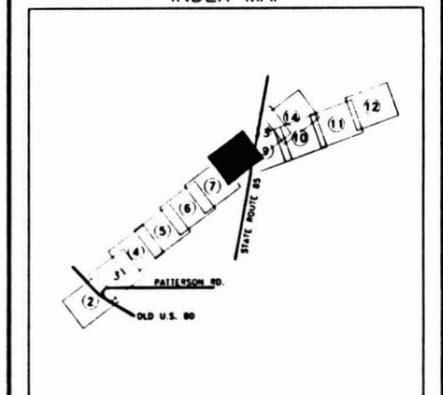
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 23, T-2-S, R-4-W.

**NOTES**

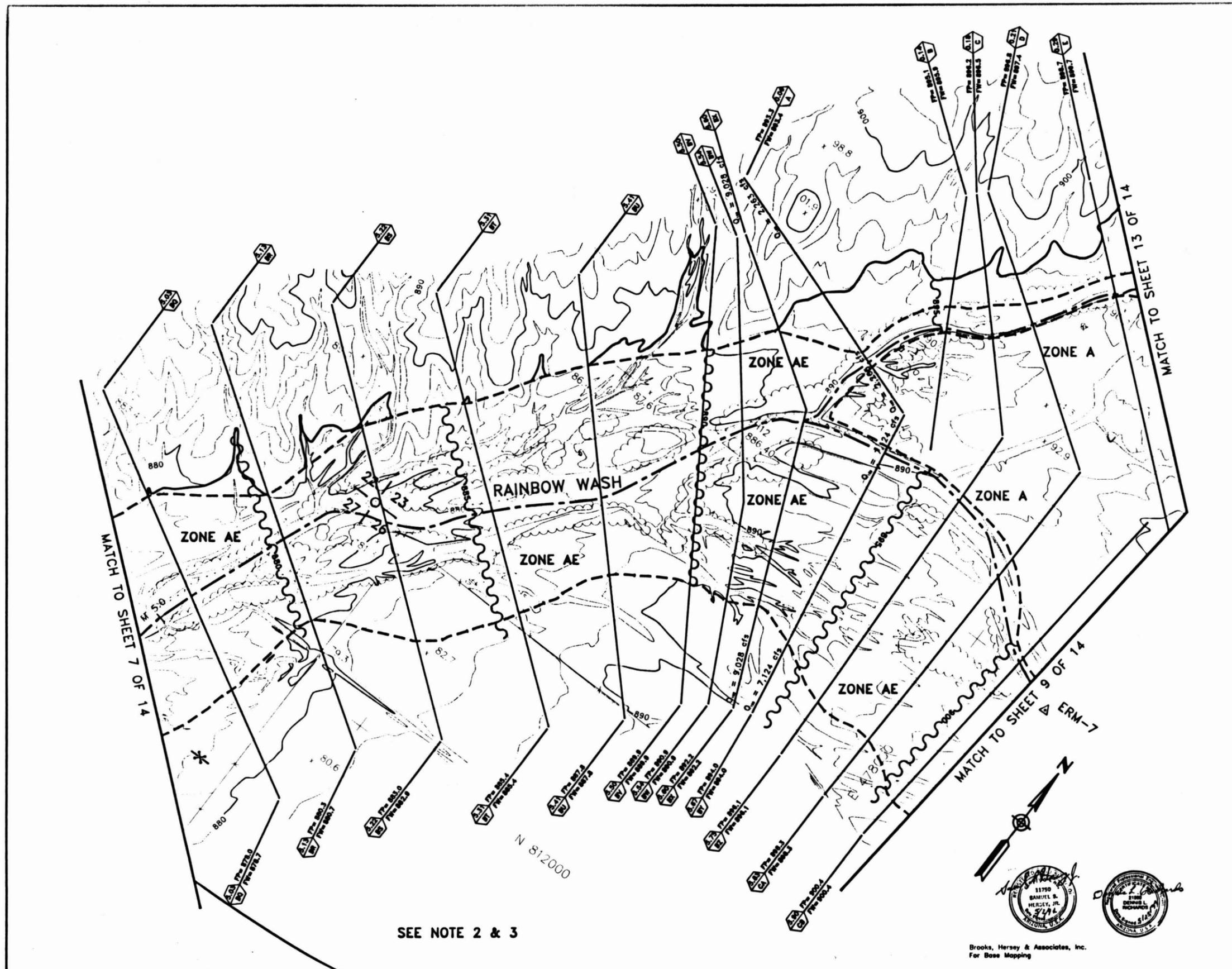
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO.
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

**INDEX MAP**



**sls** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY JRM	DATE 8-92	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	8-92	
PLANS CHK.	RAE	10-92	
SUBMITTED BY:			
			RECOMMENDED BY: _____ DATE _____
			APPROVED BY: _____ DATE _____
			CHEF ENGINEER AND GENERAL MANAGER
			SHEET 8 of 14



SEE NOTE 2 & 3

Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	(A) FD=100 Yr WSE (A) FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

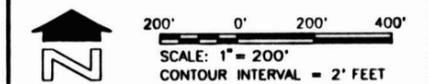
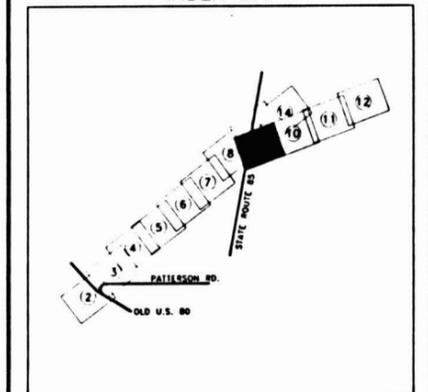
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-7	909.800	A.D.O.T. Brass Cap on the South end of the East concrete guard rail on the Rainbow Wash Bridge on AZ Highway 85 in Section 24, T-2-S, R-4-W
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

NOTES

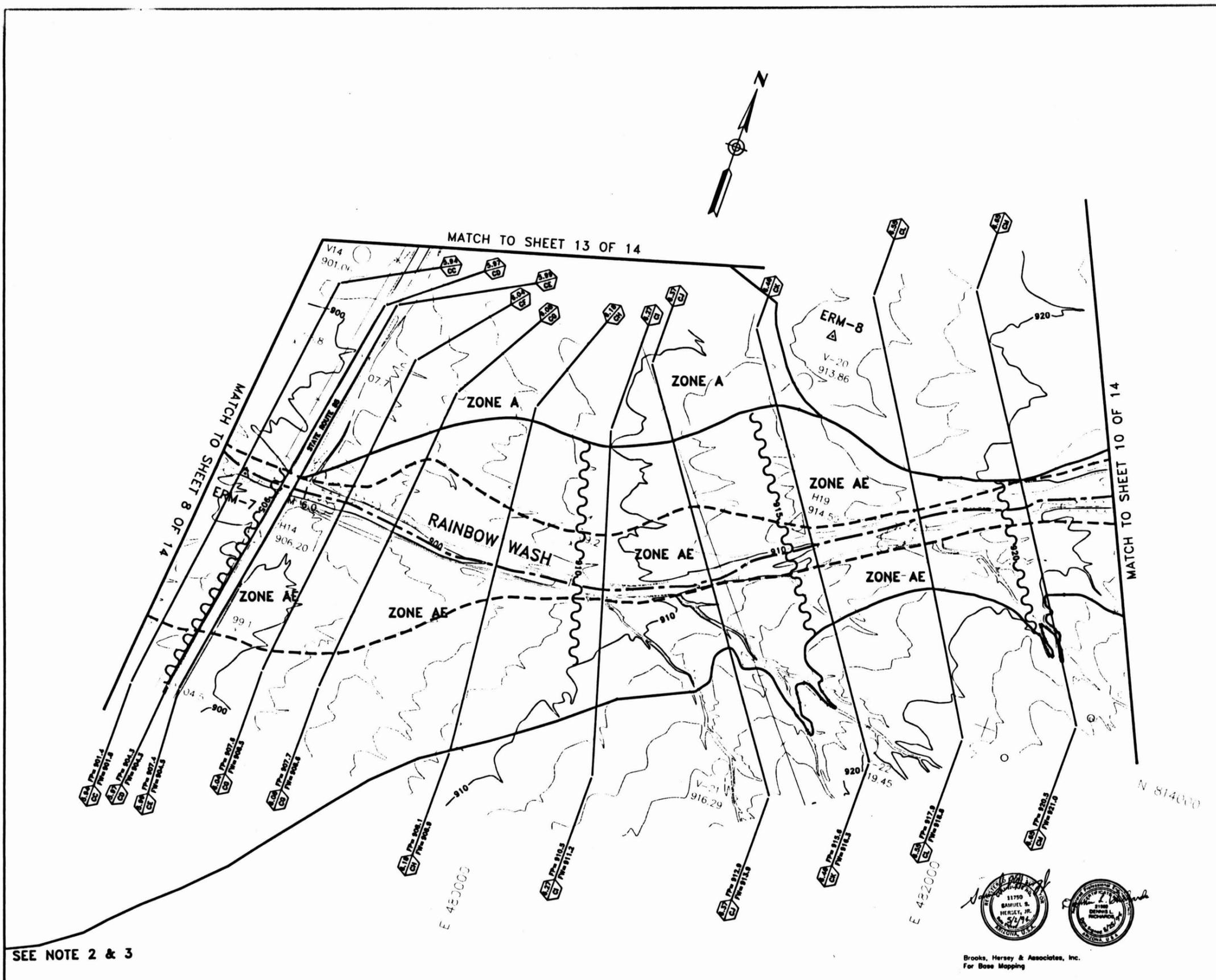
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- THE FLOODPLAIN LIMITS EXTEND BEYOND THE LIMITS OF THE DETAILED MAPPING. SEE FIRM PANEL NO. \_\_\_\_\_
- THE FLOODPLAIN WAS DELINEATED BEYOND THE DETAILED MAPPING LIMITS USING U.S.G.S MAPS (SEE SHEET 1 OF 14).

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 1-83	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-83	
PLANS	JRM	1-83	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	1-83	APPROVED BY: _____ DATE: _____
SUBMITTED BY:	_____		CHEF ENGINEER AND GENERAL MANAGER
DATE:	_____		SHEET 9 of 14



SEE NOTE 2 & 3

KLEINER ASSOCIATES, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 28, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = \_\_\_\_\_ HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

REV. DEC. 10, 1991

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE WITH RIVER MILE
- CROSS SECTION
- ELEVATION REFERENCE MARK
- BASE FLOOD ELEVATIONS
- ZONE DESIGNATIONS

**ELEVATION REFERENCE MARKS**

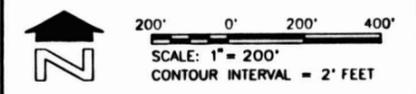
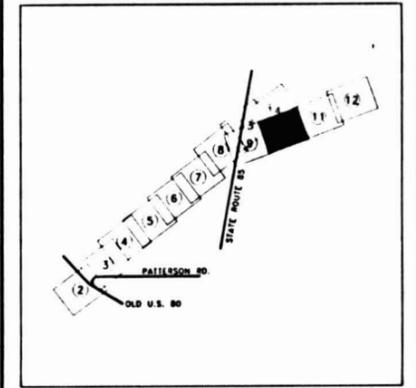
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4-W, on a 1" pipe projecting 13". Set in 1931.

**NOTES**

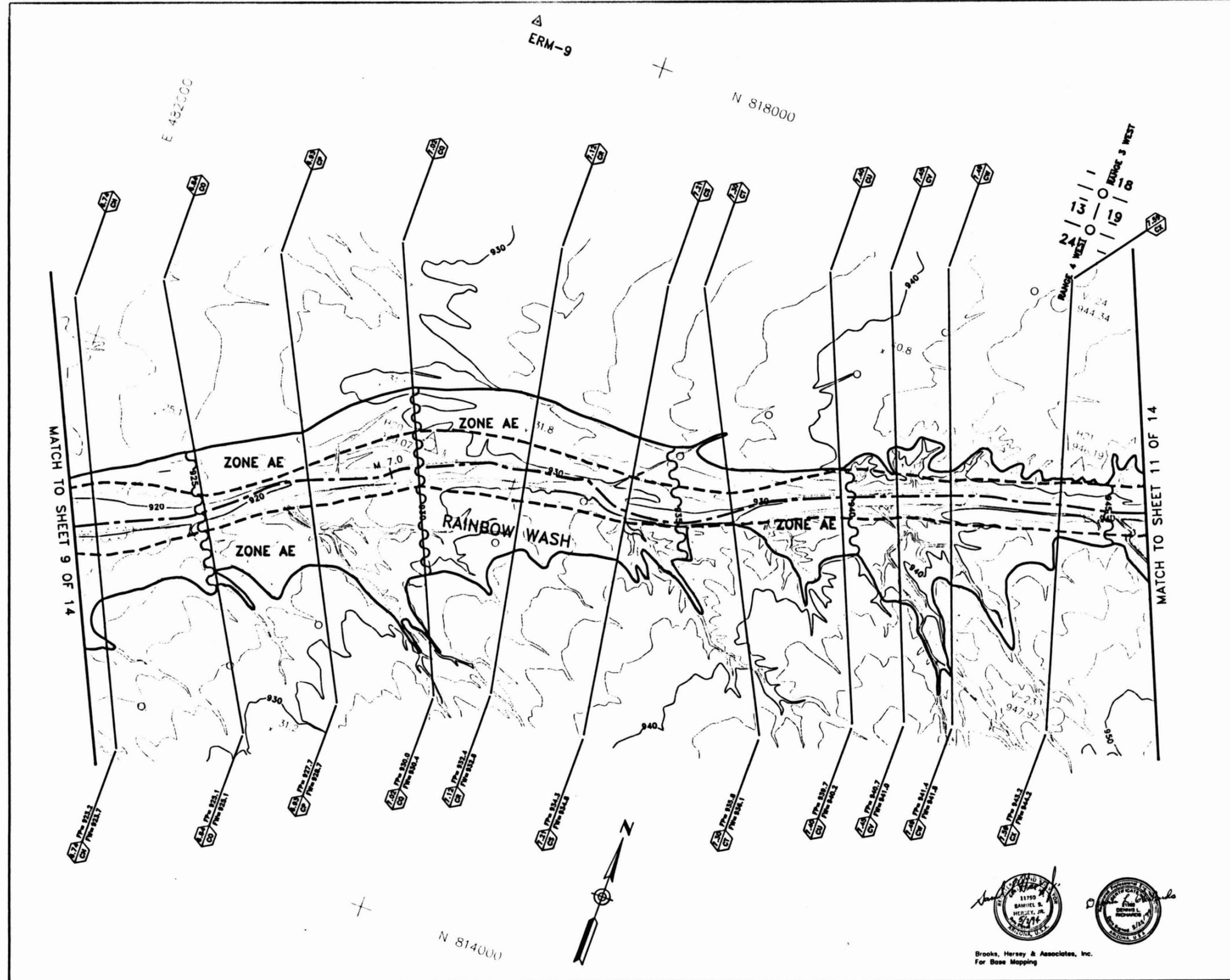
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN			FLOOD CONTROL DISTRICT OF MARICOPA COUNTY	
DESIGN	BY: JRM	DATE: 1-83	RECOMMENDED BY:	DATE:
DESIGN CHK.	RAE	1-83	APPROVED BY:	DATE:
PLANS	JRM	1-83	CHIEF ENGINEER AND GENERAL MANAGER	
PLANS CHK.	RAE	1-83	SHEET	10 OF 14
SUBMITTED BY:		DATE:		



KENNEY AERIAL MAPPING, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1981

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

DRAWING REV. DEC. 10, 1981

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH**

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 --- M13.0
CROSS SECTION	(A) FD=100 Yr WSE (A) FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

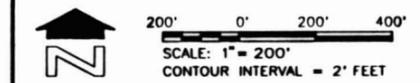
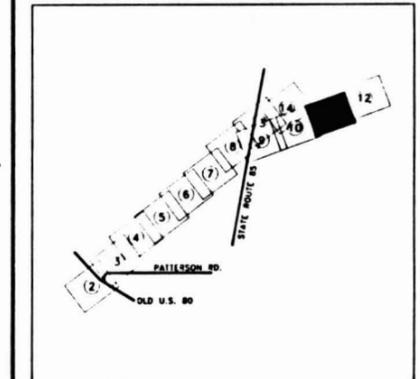
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-10	960.601	G.L.O. Brass Cap at the North 1/4 corner of Section 19, T-2-S, R-3-W on a 1" pipe projecting 15". Set in 1931.
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

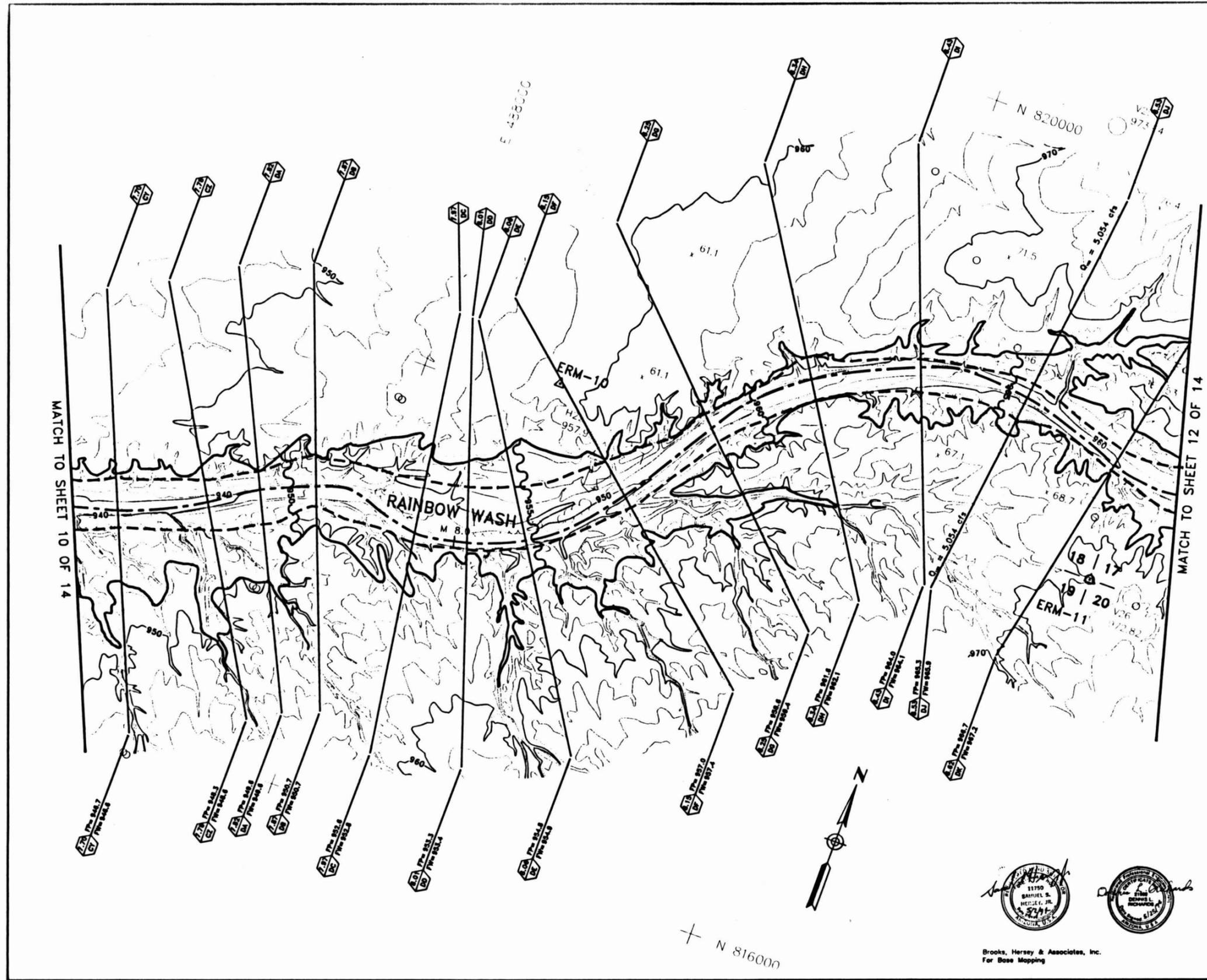
**INDEX MAP**



**sla** SIMONS, LI & ASSOCIATES, INC.

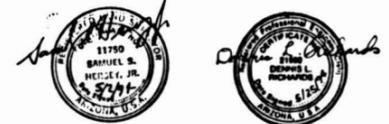
DESIGN	BY: JIM	DATE: 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JIM	1-93	RECOMMENDED BY: DATE
PLANS CHK.	RAE	1-93	APPROVED BY: DATE
SUBMITTED BY:	DATE:		CHEF ENGINEER AND GENERAL MANAGER
SHEET 11 of 14			

ADN WBS REV. DEC. 10, 1991



RENNEY AERIAL MAPPING INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS  
1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY  
DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hershey & Associates, Inc.  
For Base Mapping

**FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY**  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

**LEGEND**

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	- - - - -
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 M13.0
CROSS SECTION	(A) FD=100 Yr WSE (A) FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	~ 1221 ~
ZONE DESIGNATIONS	ZONE AE

**ELEVATION REFERENCE MARKS**

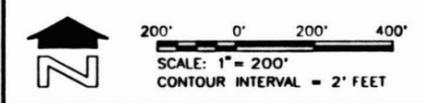
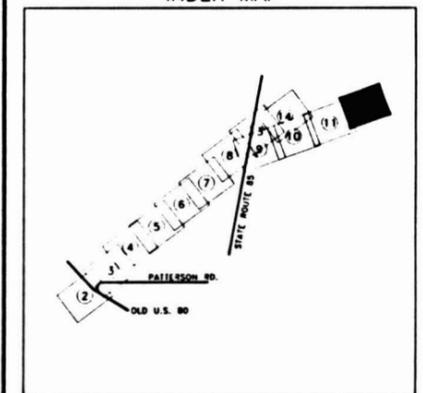
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-11	972.822	G.L.O. Brass Cap at the Northeast corner of Section 19, T-2-S, R-3-W on a 2" pipe projecting 13". Set in 1931.

**NOTES**

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.
- SEE SHEET 11 FOR ERM-11.

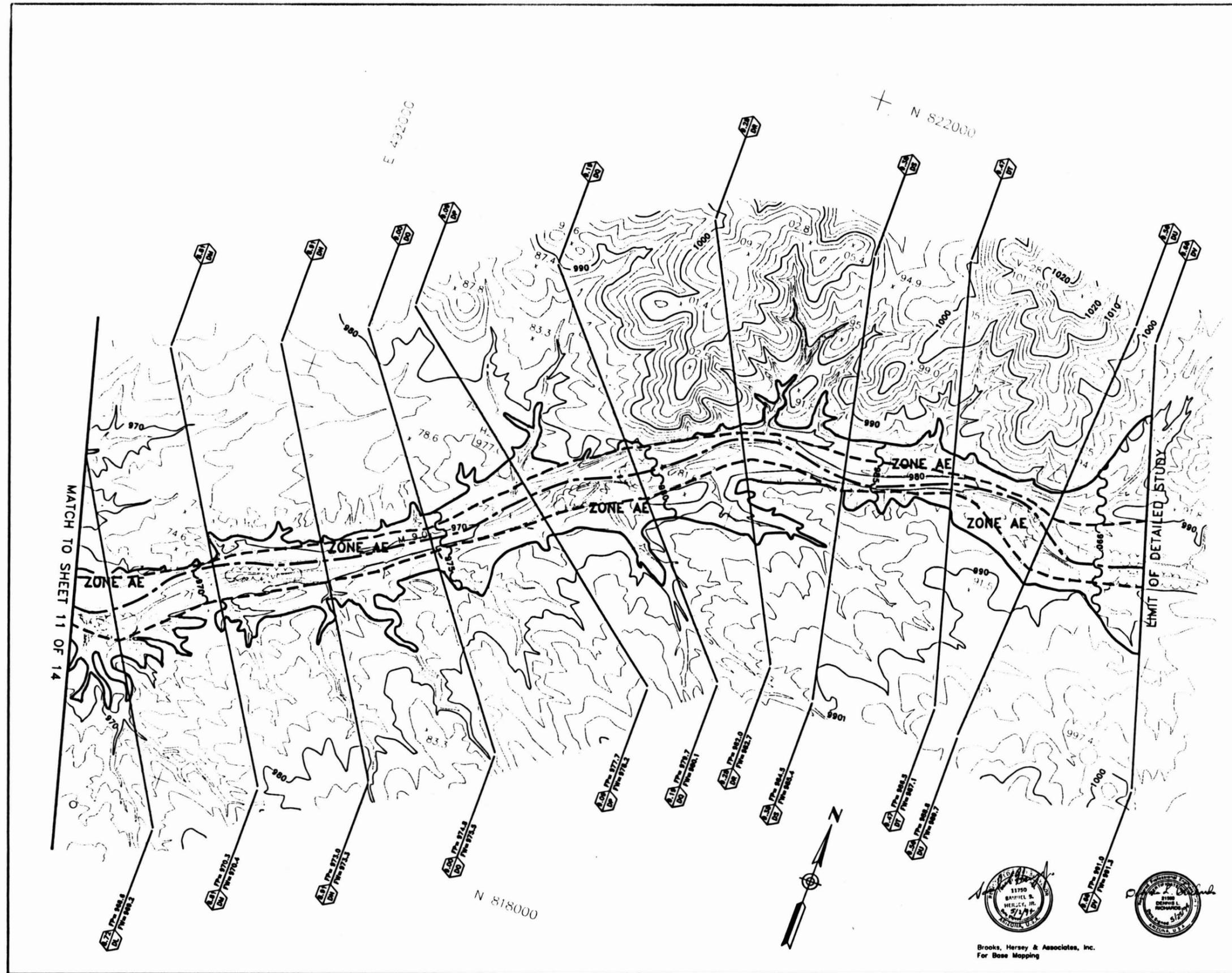
**INDEX MAP**



**slia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JHM	DATE: 1-93	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	1-93	
PLANS	JHM	1-93	RECOMMENDED BY: DATE:
PLANS CHK.	RAE	1-93	APPROVED BY: DATE:
SUBMITTED BY:			CHIEF ENGINEER AND GENERAL MANAGER
			SHEET 12 of 14

ADL:MBB REV. DEC. 10, 1991



KENNEY AERIAL MAPPING, INC.  
1130 WEST FILLMORE, PHOENIX, ARIZONA 85007  
FLIGHT DATE: OCTOBER 26, 1991

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1" = 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY BROOKS HERSEY & ASSOCIATES, INC.



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 --- M13.0
CROSS SECTION	A FD=100 Yr WSE A
ELEVATION REFERENCE MARK	ERM-1 Δ
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

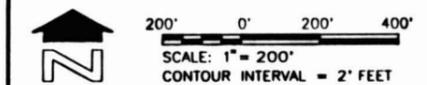
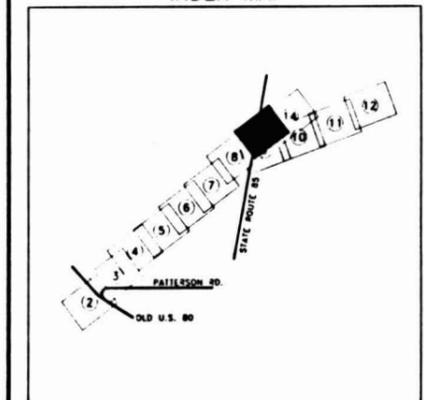
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-8	917.205	G.L.O. Brass Cap at the West 1/4 corner of Section 24, T-2-S, R-4-W on a 1" pipe projecting 13". Set in 1931.

NOTES

- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

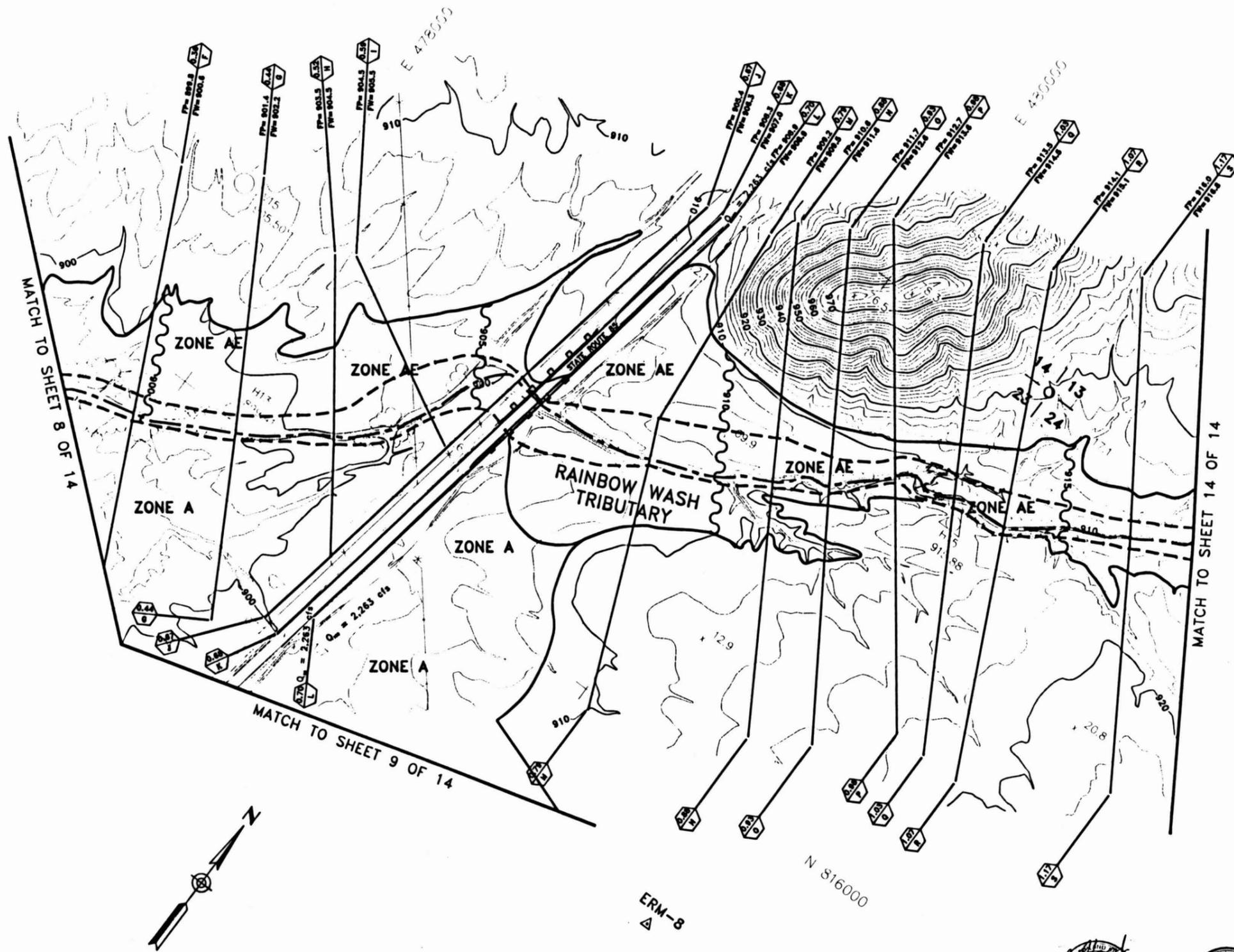
INDEX MAP



**slia** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY: JRM	DATE: 6-82	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-82	RECOMMENDED BY:
PLANS	JRM	6-82	APPROVED BY:
PLANS CHK.	RAE	10-82	DATE:
SUBMITTED BY:	DATE:		CHEF ENGINEER AND GENERAL MANAGER
			SHEET 13 OF 14

REV. DEC. 10, 1991



Brooks, Hersey & Associates, Inc.  
For Base Mapping

FLOOD CONTROL DISTRICT  
OF MARICOPA COUNTY  
FLOOD DELINEATION STUDY OF  
RAINBOW WASH

F.C.D. CONTRACT NO. 90-66

LEGEND

100-YR FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE WITH RIVER MILE	M12.0 --- M13.0
CROSS SECTION	(A) FD=100 Yr WSE (A) FW=Floodway WSE
ELEVATION REFERENCE MARK	ERM-1 ▲
SECTION CORNER	1/4 7/8
BASE FLOOD ELEVATIONS	1221
ZONE DESIGNATIONS	ZONE AE

ELEVATION REFERENCE MARKS

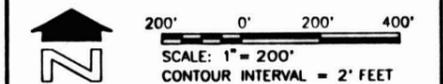
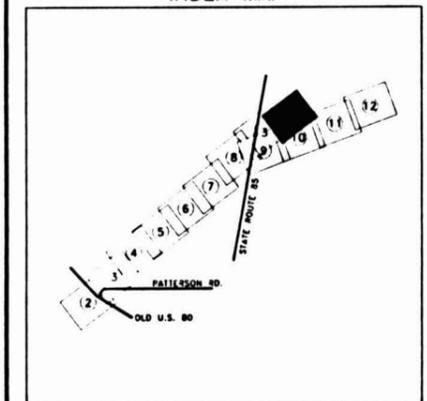
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1983

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM-9	929.779	G.L.O. Brass Cap at the North 1/4 corner of Section 24, T-2-S, R-4-W, on a 1" pipe projecting 13". Set in 1931.

NOTES

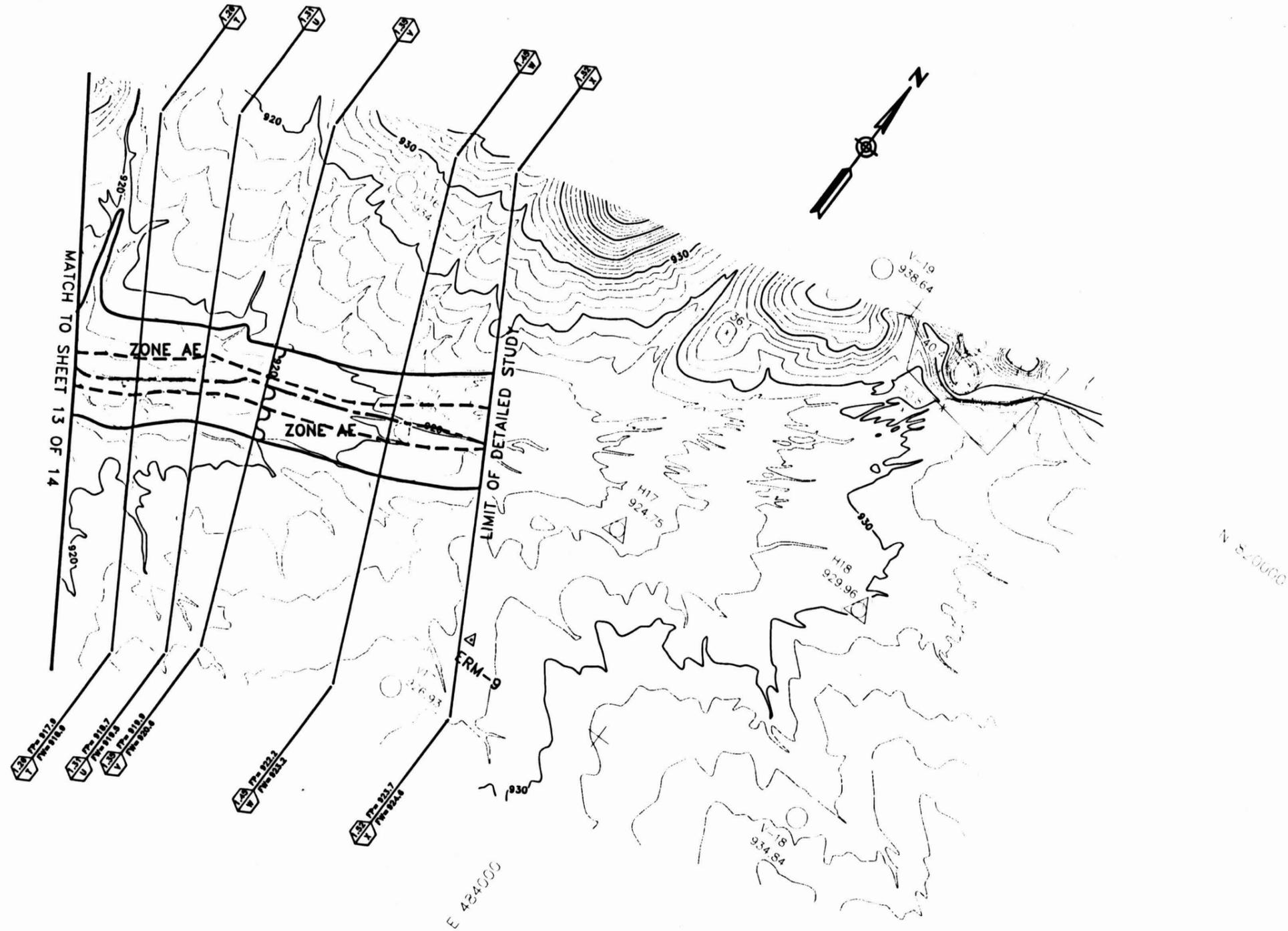
- CROSS-SECTION STATION 10,000.0 IS THE HYDRAULIC BASELINE EXCEPT WHERE NOTED.

INDEX MAP



**sla** SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	RAE	10-92	
PLANS	JRM	8-92	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	RAE	10-92	APPROVED BY: _____ DATE: _____
SUBMITTED BY:			CHEF ENGINEER AND GENERAL MANAGER
	DATE:		SHEET 14 of 14



Brooks, Hersey & Associates, Inc.  
For Base Mapping