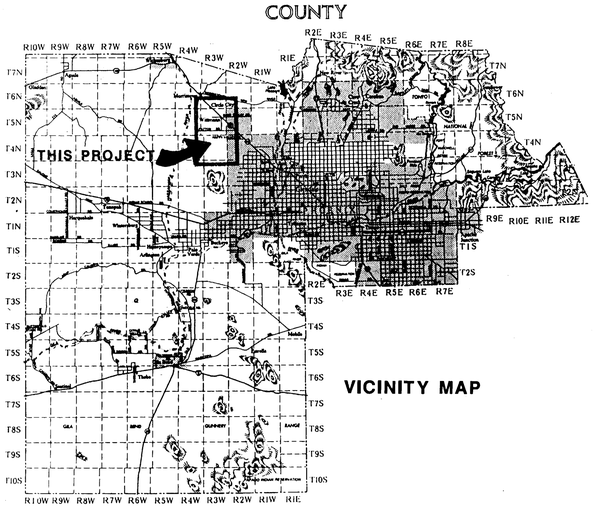
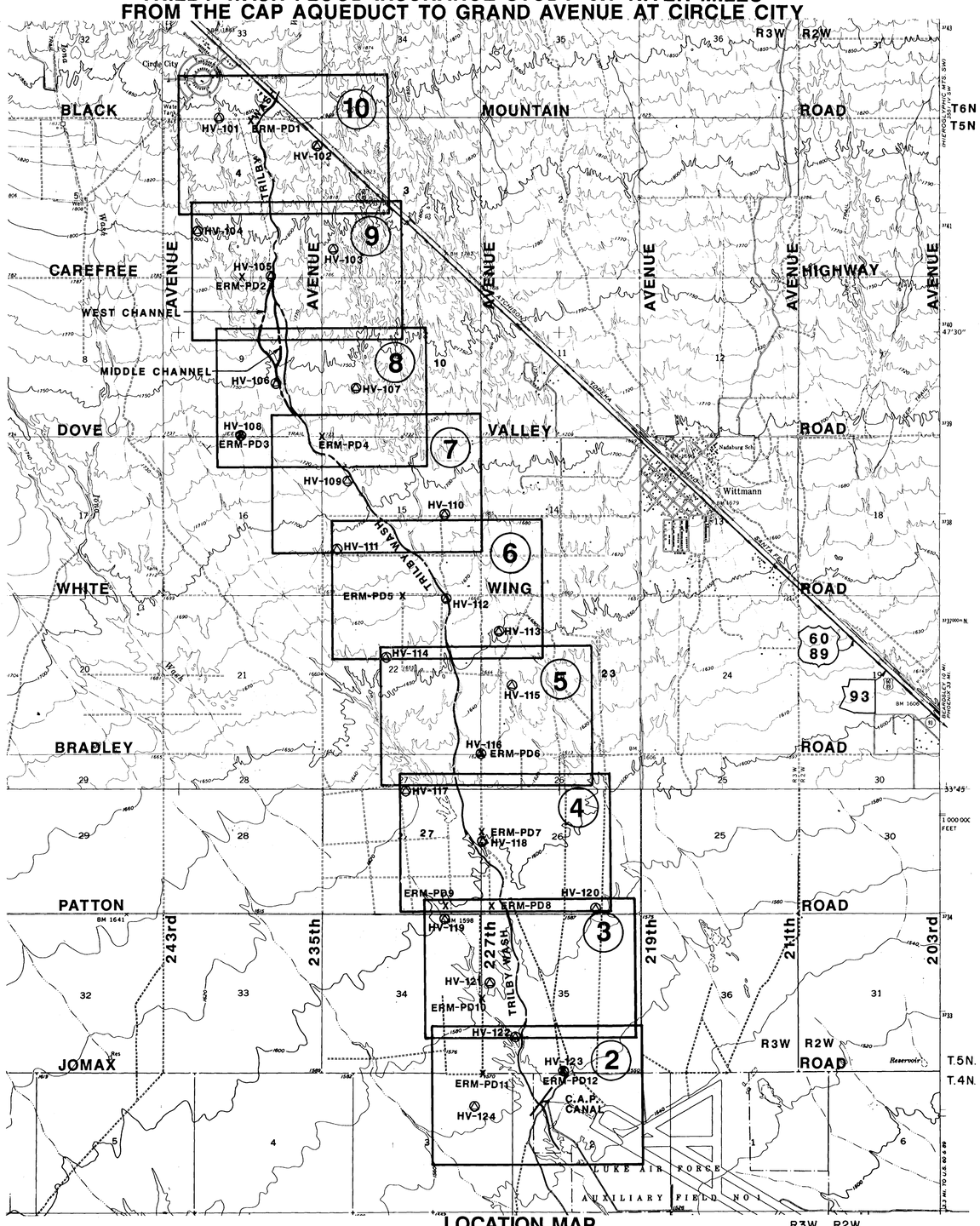
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
D.E. SAGRAMOSO, CHIEF ENGINEER AND GENERAL MANAGER

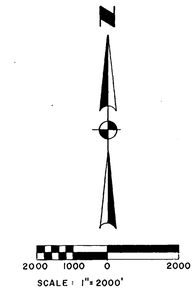
TRILBY WASH FLOOD INSURANCE STUDY 6.7 RIVER MILES FROM THE CAP AQUEDUCT TO GRAND AVENUE AT CIRCLE CITY



VICINITY MAP



LOCATION MAP



CENTRAL FILES
306

Trilby Wash FIS 6.7 River Miles from CAP Aqueduct to Grand Ave at Circle City

P&D Technologies

1992

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE
SURVEY: P & D TECHNOLOGIES

DATE: 9-13-90

THIS MAP WAS PREPARED BY

P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 M 76.0
- Cross Section — Q_{100} = 3,000 cfs; FD = 100yr. WSE; FW = Floodway WSE
- Elevation Reference Marks — ERM-7 X
- Horizontal And Vertical Control Points — HV-1
- Zone Gutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

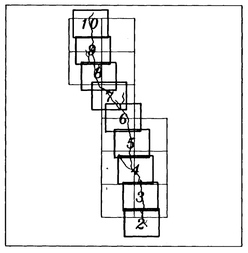
ELEVATION REFERENCE MARKS

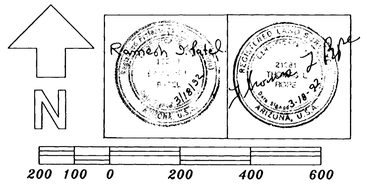
NOTE: ALL ELEVATIONS ARE BASED

I.D. NUMBER ELEVATION (FT)	DESCRIPTION / LOCATION

NOTE: CROSS SECTION STATION

INDEX MAP





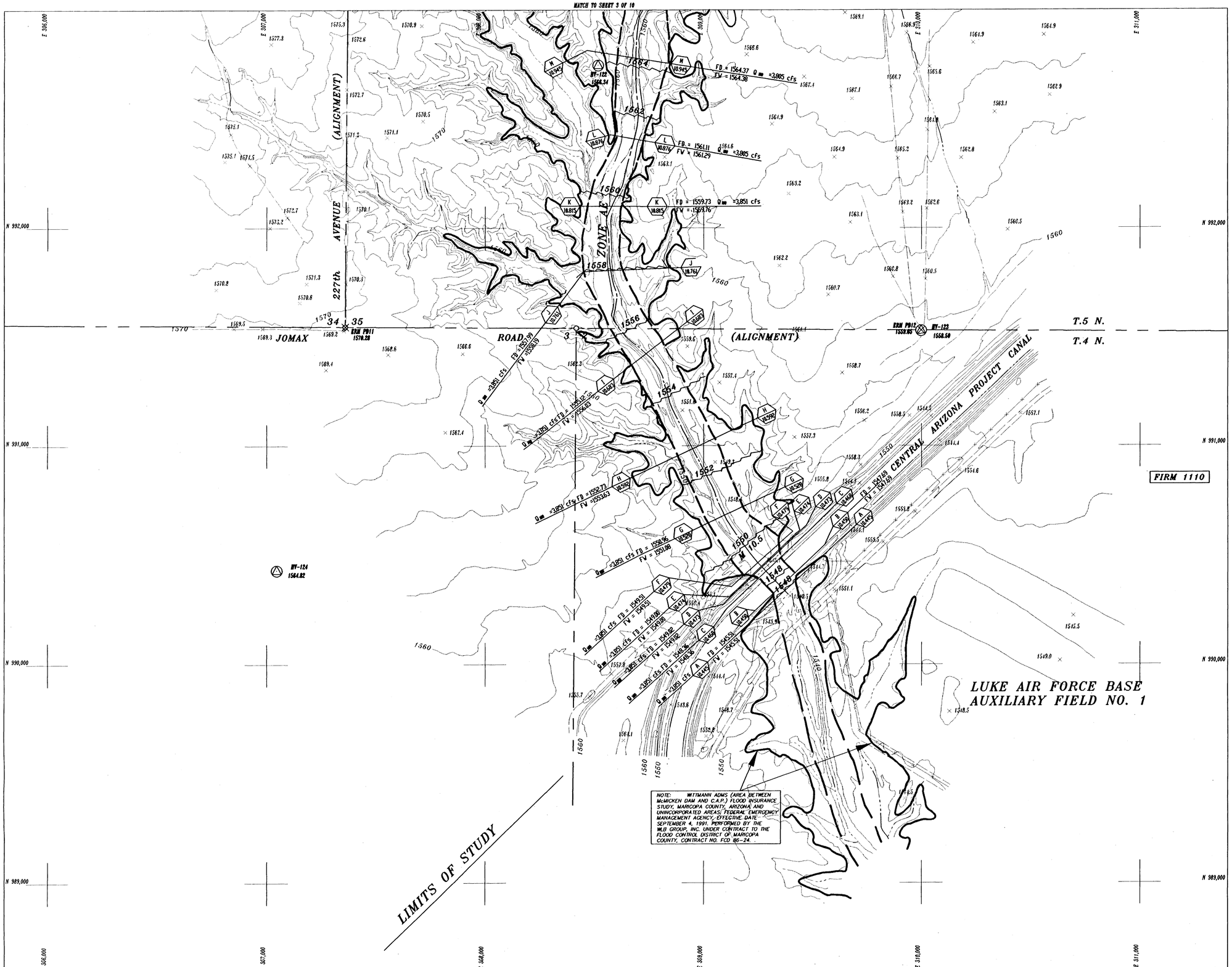
2 FOOT CONTOUR INTERVAL

P & D TECHNOLOGIES
1702 E. HIGHLAND, SUITE 410
PHOENIX, AZ 85016
Tel. (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By:	Date:	SHEET: 1
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:	
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER:		

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY



LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line — M 75.0 — M 76.0
- With River Mile
- Cross Section Q_{100} = 3,000 c/s — A 1.00 — FD = 100yr. WSE / FV = Floodway WSE — A 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — BV-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner — 5,6,7,8 / 17,18
- Section Line
- Fence Lines

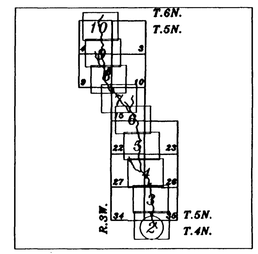
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD11	1570.28	GLO B.C. SW COR SEC 35 T5N R3W
ERM PD12	1558.65	GLO B.C. S1/4 SEC 35 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

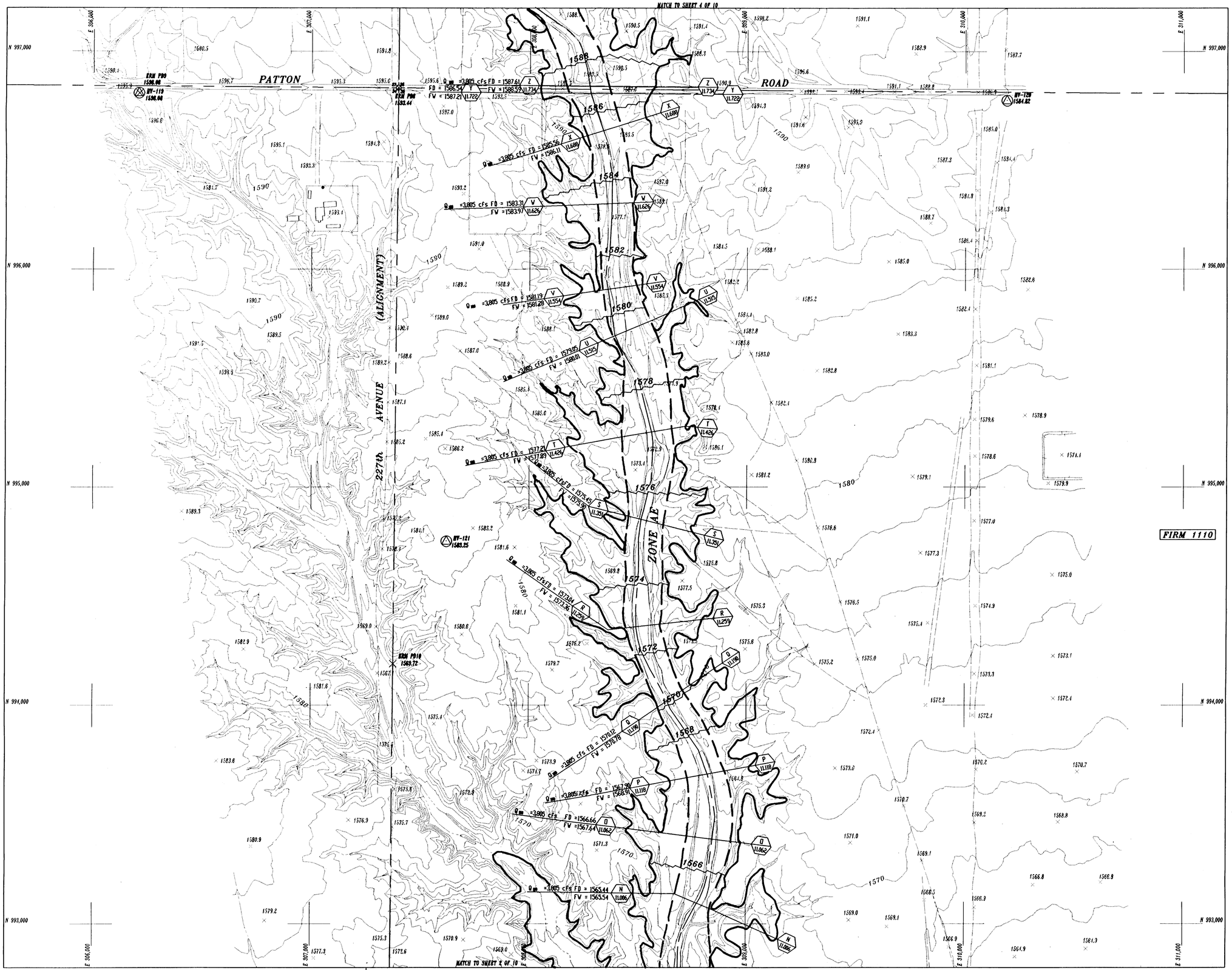
2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date: Submitted By:	Date:	SHEET: 2
DESIGN CHECK:	By: Ramesh Patel, PE	Date: Recommended By:	Date:	
PLANS:	By: Richard Murillo	Date: Approved By:	Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date: CHIEF ENGINEER AND GENERAL MANAGER:		

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E.HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-15-90

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section — Q_{100} = 3,000 cfs — FD = 100yr. WSE — FW = Floodway WSE
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — HV-1
- Zone Gutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

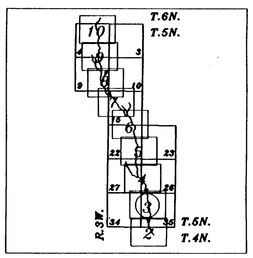
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ONNATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD8	1593.44	MCHD B.C. FLUSH NW COR SEC 35 T5N R3W
ERM PD9	1598.08	USCGS B.C. IN CONC 1188' W OF PD8
ERM PD10	1569.72	GLO B.C. W1/4 SEC 35 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By:	Date:
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER:	

SHEET: 3 OF: 10

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-31BHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-90

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

MATCH TO SHEET 5 OF 10

FIRM 1110 695

MATCH TO SHEET 3 OF 10

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE.SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-90

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS =200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section Q 100 = 3,000 c/s — A 1.00 FD = 100yr. WSE — A 1.00 FW = Floodway WSE
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — BV-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner — 5 11 17 18
- Section Line
- Fence Lines

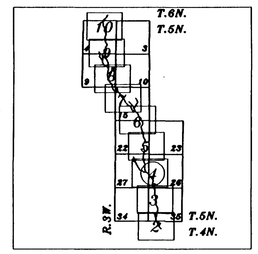
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ONNATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/
ERM PD7	1608.62	CLO B.C. W1/4 SEC 26 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date: Submitted By:	Date:	SHEET: 4
DESIGN CHECK:	By: Ramesh Patel, PE	Date: Recommended By:	Date:	
PLANS:	By: Richard Murillo	Date: Approved By:	Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date: CHIEF ENGINEER AND GENERAL MANAGER:		

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-90

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS" =200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

Excluded Areas
100-Yr Floodplain Boundary
Floodway Boundary
Hydraulic Base Line With River Mile — M 75.0 M 76.0
Cross Section Q_{100} = 3,000 cfs — A 1.00 — FD = 100yr. WSE; FW = Floodway WSE — A 1.00
Elevation Reference Marks — ERM PD7
Horizontal And Vertical Control Points — HV-1
Zone Gutters (Boundary)
Base Flood Elevations — 580
Zone Designations — ZONE AE
Dirt Roads
Paved Road
Section Corner
Section Line
Fence Lines

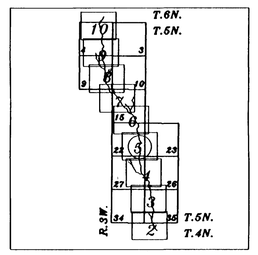
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD6	1628.13	GLO B.C. SE COR SEC 22 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By:	Date:	SHEET: 5
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:	
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER:		

MATCH TO SHEET 7 OF 10

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section Q_{100} = 3,000 cfs — A 1.00 FD = 100yr. WSE / FW = Floodway WSE A 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — HY-1
- Zone Gutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner — 2 A/I 11 V 12
- Section Line
- Fence Lines

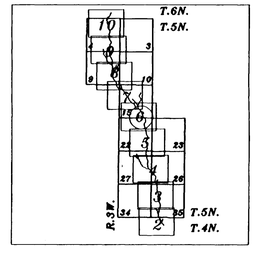
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD5	1672.13	GLO B.C. N1/4 SEC 22 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date: Submitted By:	Date:	SHEET: 6
DESIGN CHECK:	By: Ramesh Patel, PE	Date: Recommended By:	Date:	
PLANS:	By: Richard Murillo	Date: Approved By:	Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date: CHIEF ENGINEER AND GENERAL MANAGER:		

MAPPING: COOPER AERIAL OF PHOENIX INC. 4021 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 264-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-90

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

MATCH TO SHEET 5 OF 10

MATCH TO SHEET 8 OF 10

DOVE VALLEY ROAD (ALIGNMENT)

ZONE AE

ZONE B

235th AVENUE ALIGNMENT

FIRM 690

MATCH TO SHEET 6 OF 10

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section Q_{100} = 3,000 cfs — 1 / 1.00 — PD = 100yr. WSE / FW = Floodway WSE — 1 / 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — HV-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner — 5 / 11N 1E
- Section Line
- Fence Lines

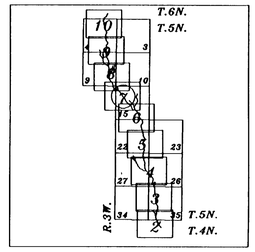
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD4	1723.61	CLO B.C. NE COR SEC 16 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



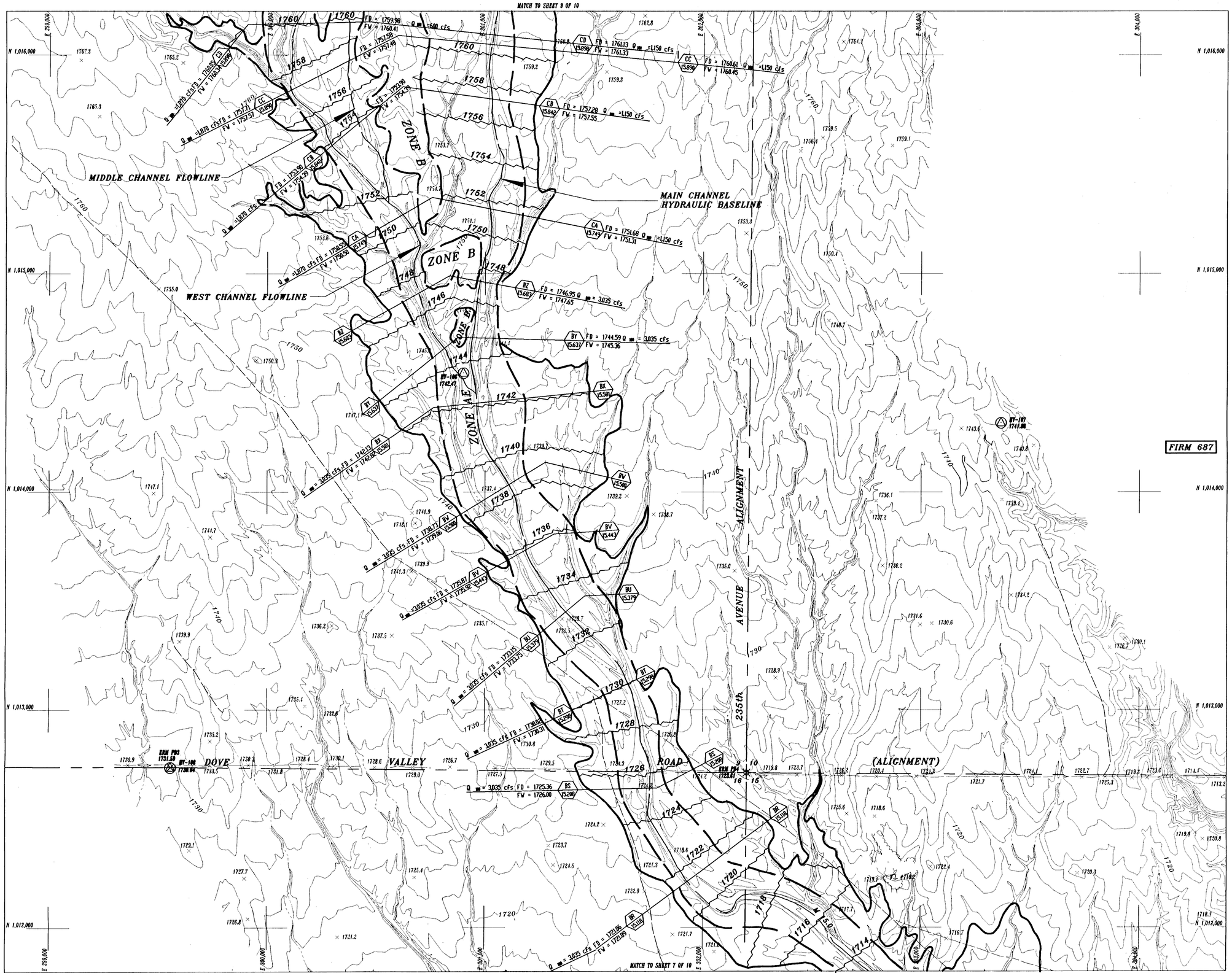
N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date: Submitted By:	Date:	SHEET: 7
DESIGN CHECK:	By: Ramesh Patel, PE	Date: Recommended By:	Date:	OF: 10
PLANS:	By: Richard Murillo	Date: Approved By:	Date:	
PLANS CHECK:	By: Ramesh Patel, PE	Date: CHIEF ENGINEER AND GENERAL MANAGER:		



MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE.SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-90

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section Q_{100} = 3,000 cfs — A 1.00 — FD = 100yr. WSE — FW = Floodway WSE — A 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — HV-1
- Zone Gutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

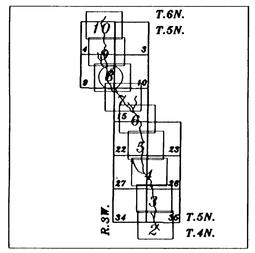
ELEVATION REFERENCE MARKS

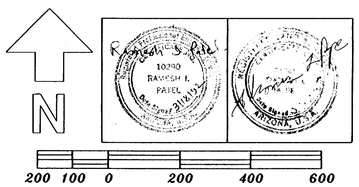
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD3	1731.59	GLO B.C. N1/4 SEC 16 T5N R3W
ERM PD4	1723.61	GLO B.C. NE COR SEC 16 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

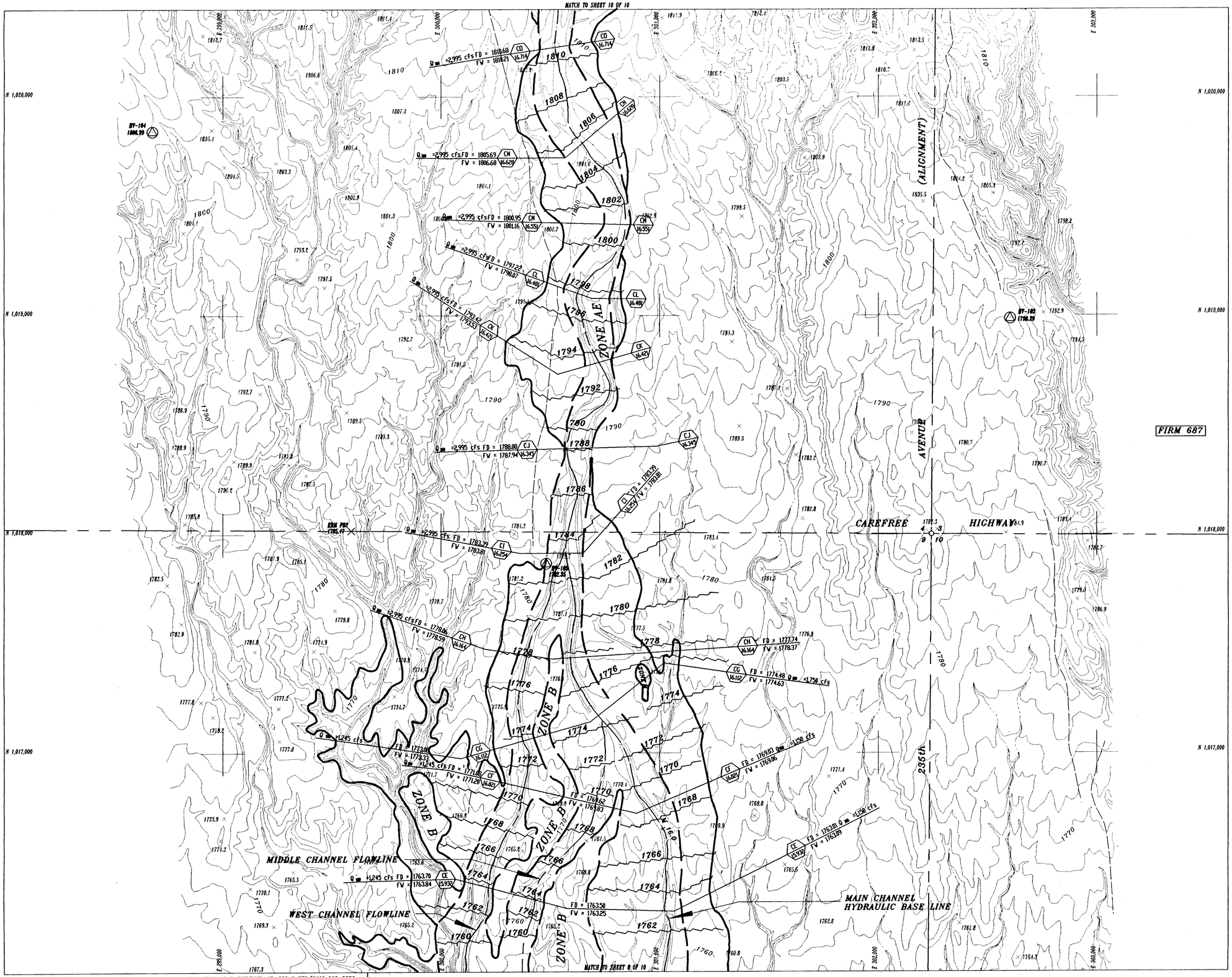
INDEX MAP





P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By: Date:	SHEET:
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By: Date:	8
PLANS:	By: Richard Murillo	Date:	Approved By: Date:	OF:
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER:	10



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section Q_{100} = 3,000 cfs — FD = 100yr. WSE / FW = Floodway WSE — 1.00 / 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — BY-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner — S24 T1N R2E
- Section Line
- Fence Lines

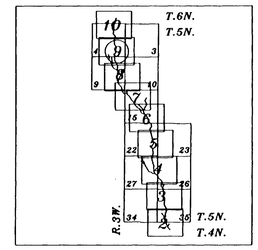
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD2	1785.17	CLO B.C. S1/4 SEC 4 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

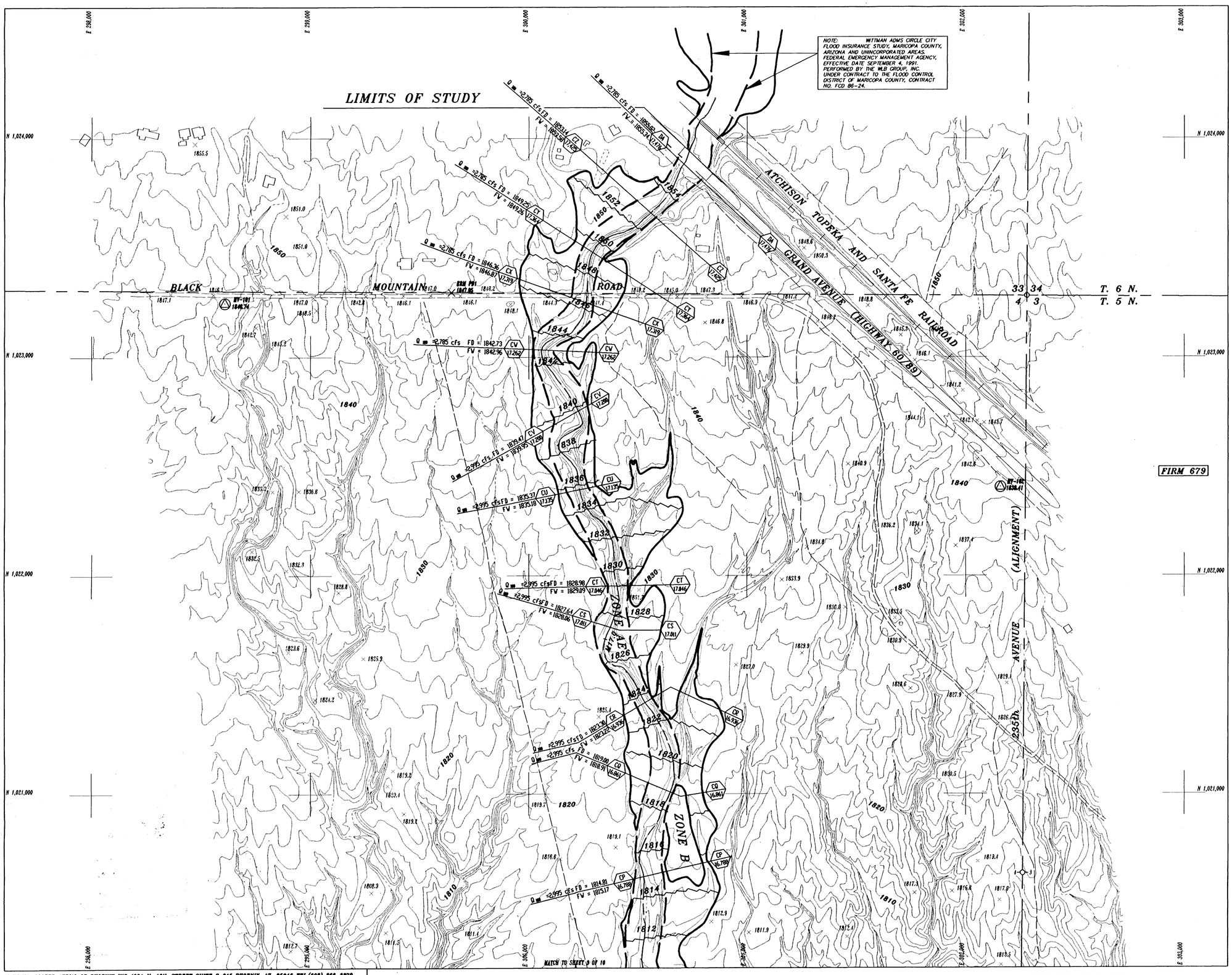
2 FOOT CONTOUR INTERVAL

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By:	Date:	SHEET: 9
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:	
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER:		



MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-90

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 M 76.0
- Cross Section Q_{100} = 3,000 cfs — A 1.00 — FD = 100yr. WSE; FW = Floodway WSE — A 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — HV-1
- Zone Gutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

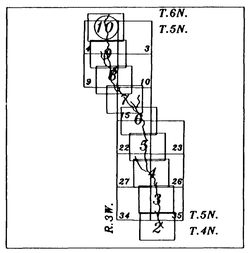
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD1	1847.05	GLO B.C. N 1/4 SEC 4 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

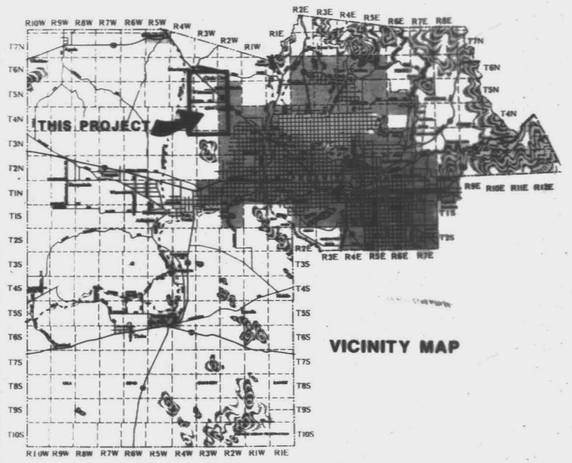
P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By:	Date:	SHEET: 10
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:	
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER:		

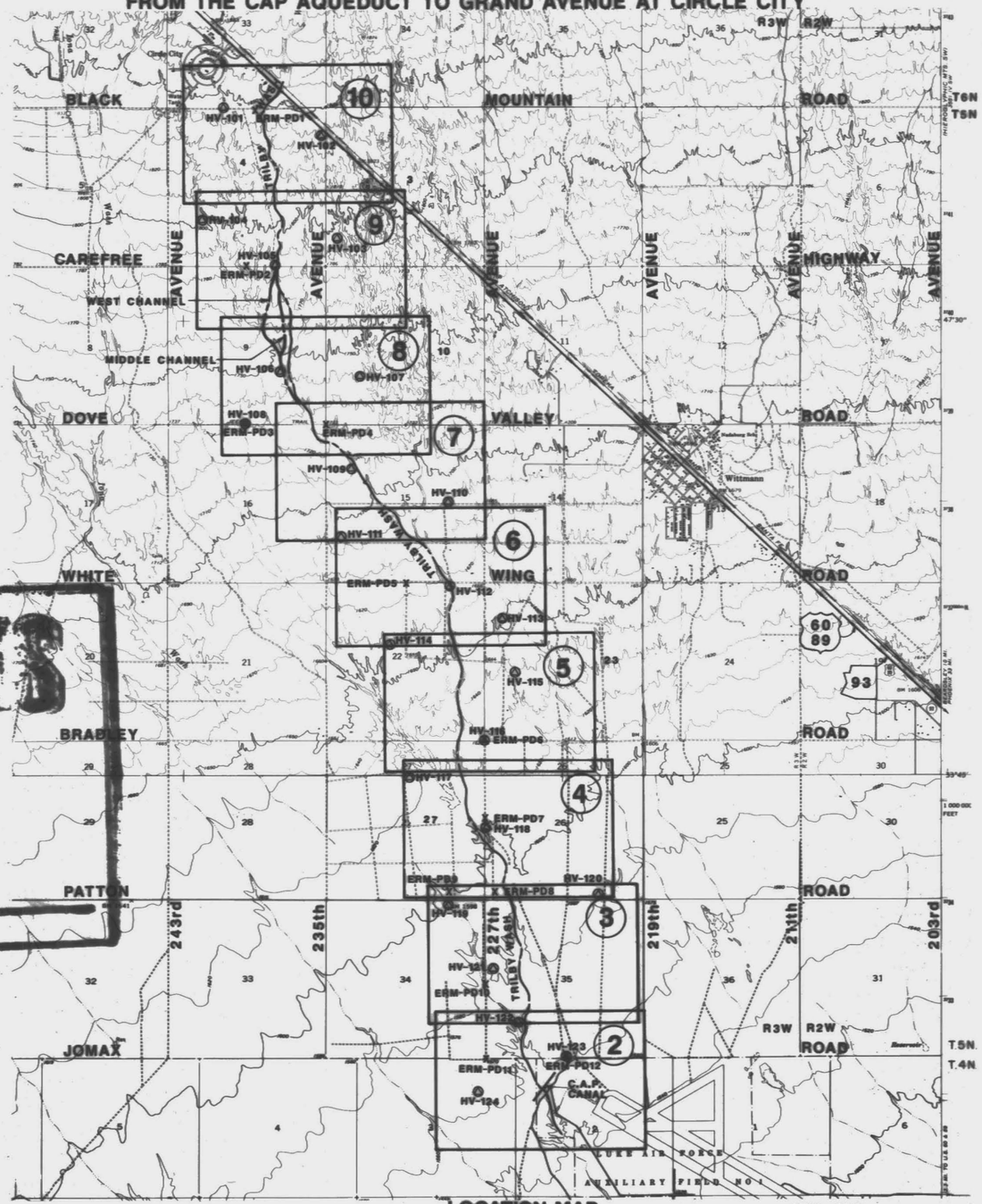
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
D.E. SAGRAMOSO, CHIEF ENGINEER AND GENERAL MANAGER

TRILBY WASH FLOOD INSURANCE STUDY 6.7 RIVER MILES
FROM THE CAP AQUEDUCT TO GRAND AVENUE AT CIRCLE CITY

MARICOPA COUNTY



VICINITY MAP



LOCATION MAP

N

2000 1000 0 2000

SCALE: 1"=2000'

CENTRAL FILES
DRAWER # 306

TRILBY WASH 6.7 RIVER MILES/
CAP AQUEDUCT TO GRAND AVE AT
CIRCLE CITY
P & D TECHNOLOGIES
STUDY 1992 FCD 90-24

MAPPING: COOPER AERIAL OF PHOENIX INC. 4021 N. 10th STREET SUITE
SURVEY: P & D TECHNOLOGIES
DATE: 9-12-92

THIS MAP WAS PREPARED BY P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section — FD = 100yr. WSE; FW = Floodway WSE; 1.00
- Elevation Reference Marks — ERM-7 X
- Horizontal And Vertical Control Points — W-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

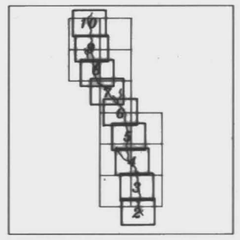
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED

I.D. NUMBER ELEVATION (FT) DESCRIPTION / LOCATION

NOTE: CROSS SECTION STATION

INDEX MAP



N

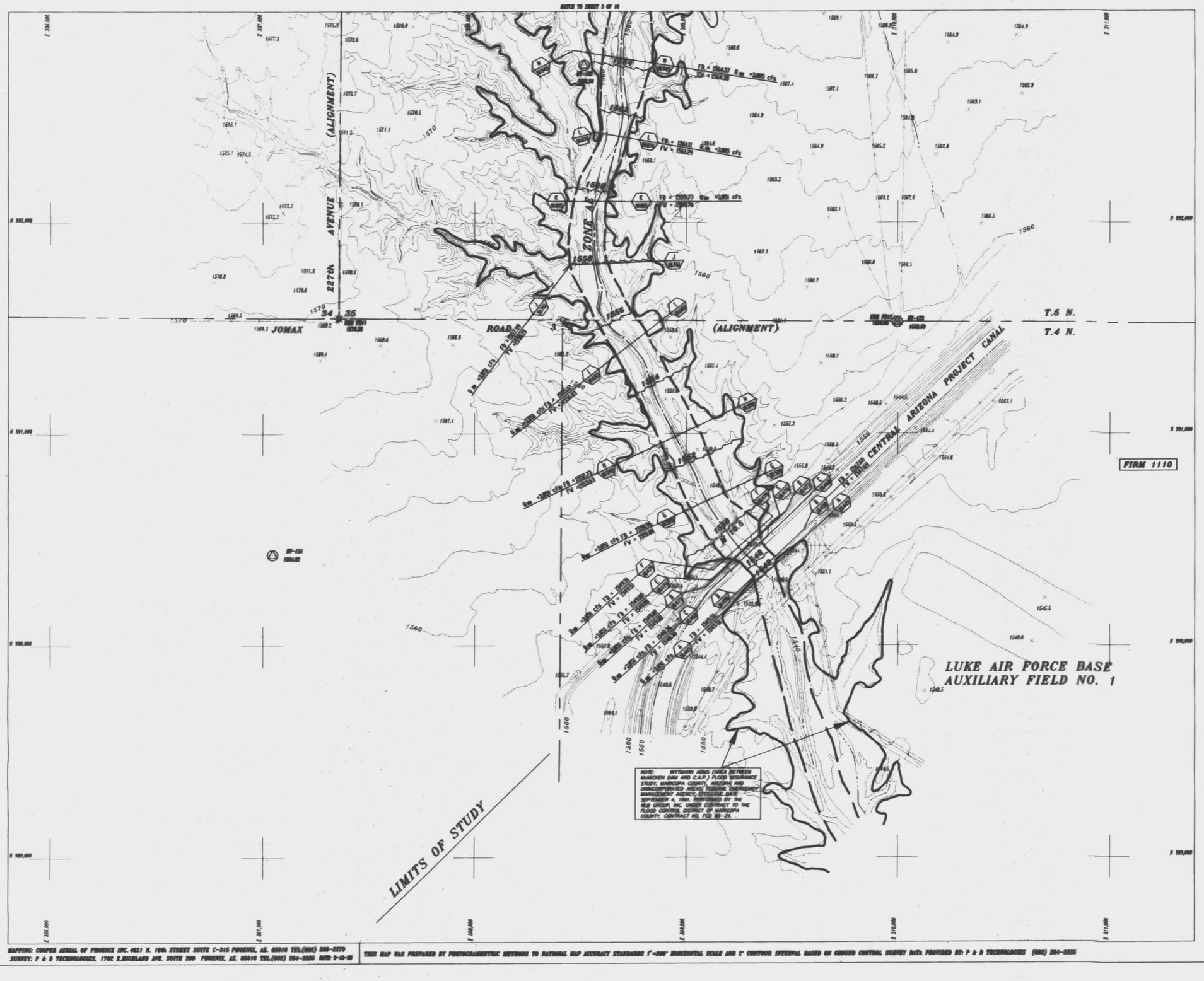
200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P & D TECHNOLOGIES
1702 E. HIGHLAND, SUITE 410
PHOENIX, AZ 85016
Tel. (602) 264-3335

DESIGN:	By: L.H. Vemero	Date:	Submitted By:	Date:
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER	

SHEET: 1 OF: 10



MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E.HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-89

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section — FD = 100yr. WSE; FW = Floodway WSE
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

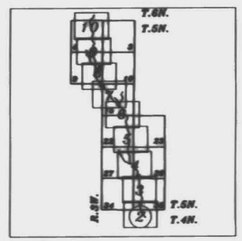
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD11	1570.28	GLO B.C. SW COR SEC 35 T5N R3W
ERM PD12	1550.65	GLO B.C. S1/4 SEC 35 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



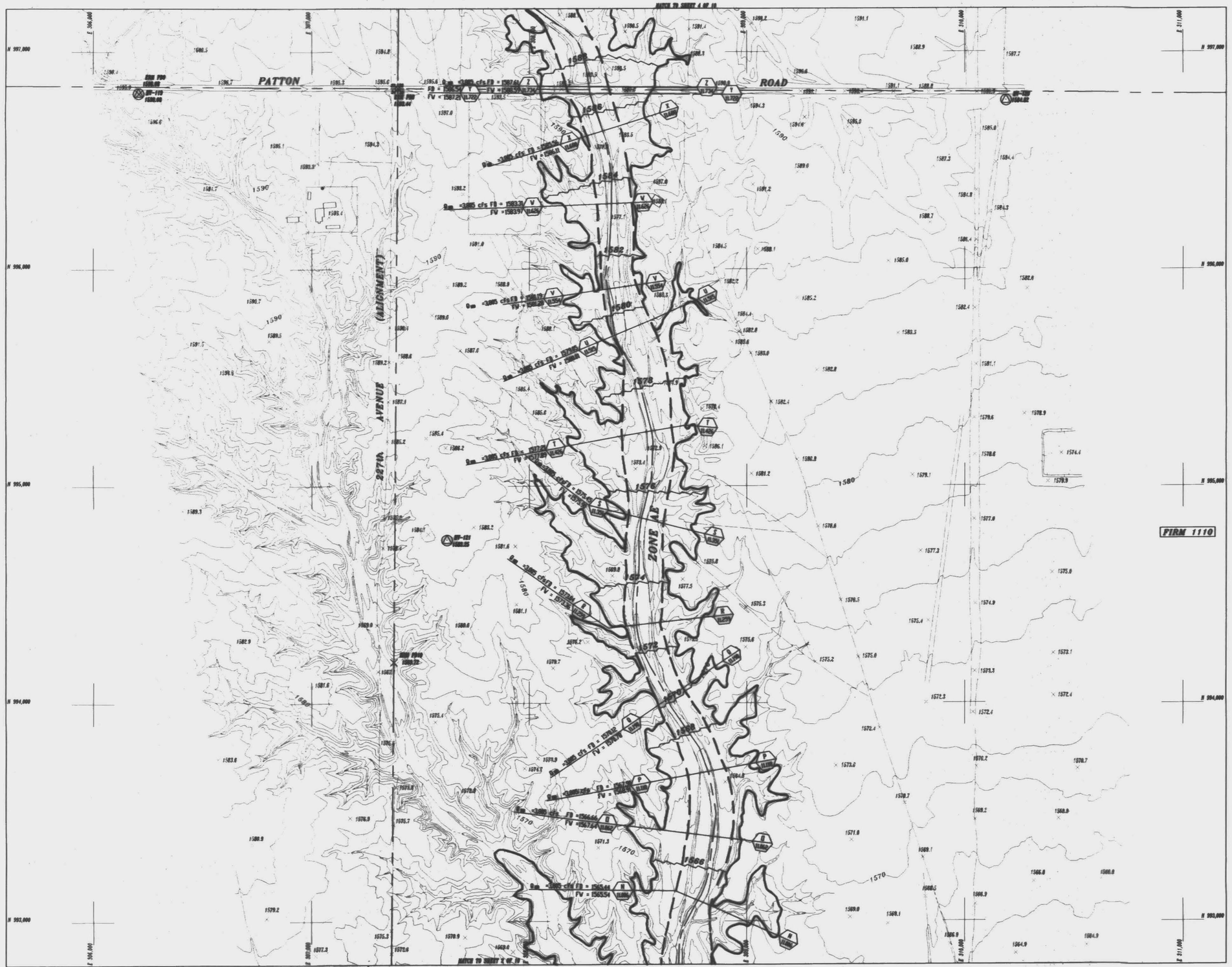
N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.H. Vomero	Date:	Submitted By: Date:	SHEET: 2
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By: Date:	
PLANS:	By: Richard Murillo	Date:	Approved By: Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND CENTRAL ENGINEER	



MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-31 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-89

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 M 76.0
- Cross Section — FD = 100yr. WSE; FW = Floodway WSE
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

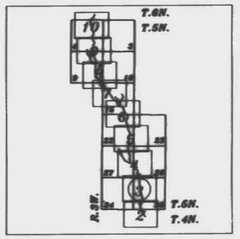
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD8	1580.44	MCDD R.C. FLUSH NW COR SEC 35 T5N R3W
ERM PD9	1580.03	USCGS R.C. IN CONC 1100' W OF PD8
ERM PD10	1580.72	GLO R.C. W1/4 SEC 35 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

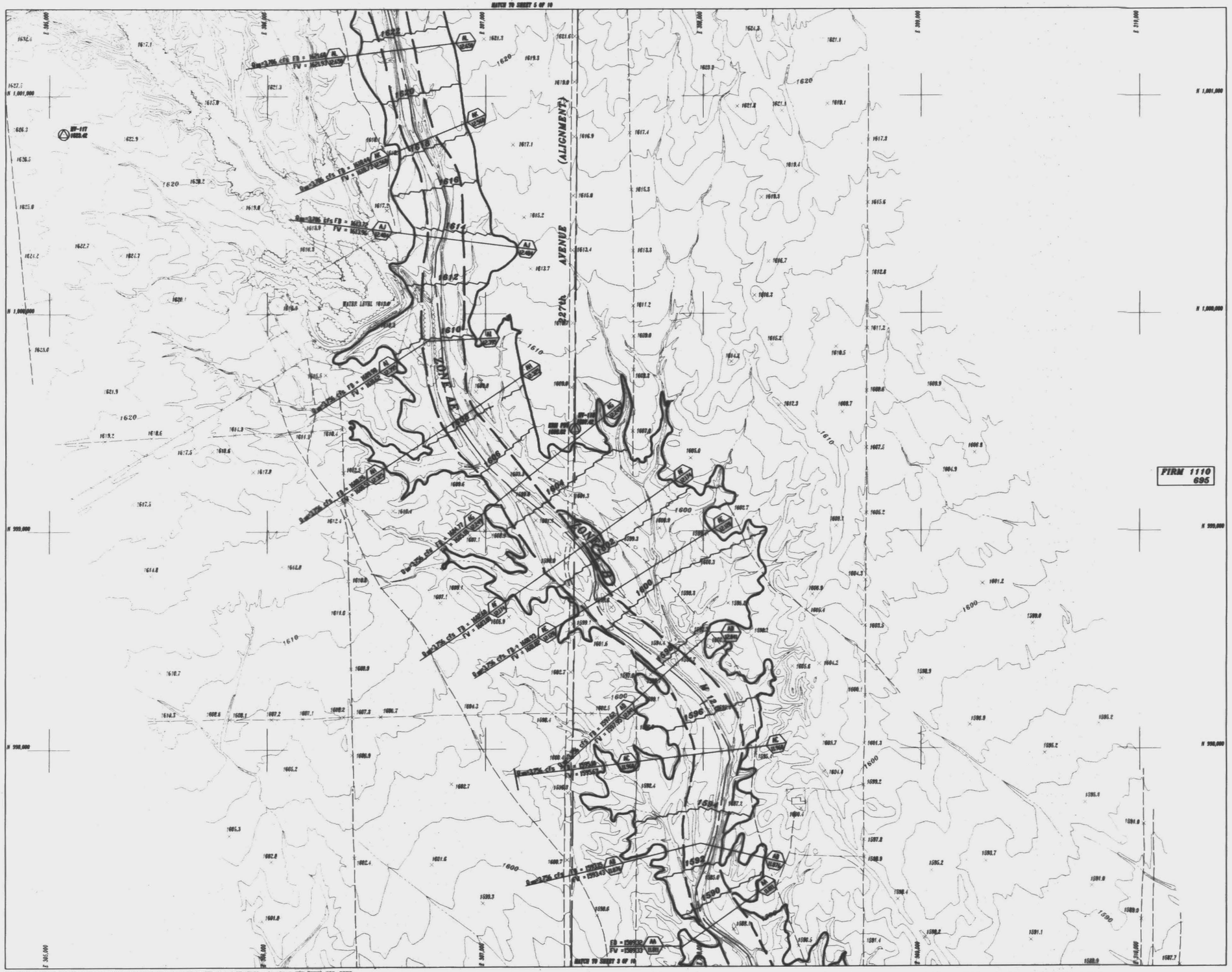
200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By: Date:	SHEET: 3
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By: Date:	
PLANS:	By: Richard Murillo	Date:	Approved By: Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER	

MATCH TO SHEET 5 OF 10



MATCH TO SHEET 9 OF 10

MAPPING: COOPER AERIAL OF PHOENIX INC. 4631 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 230-3279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE.SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-15-99

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section Q_{100} = 3,000 cfs — FD = 100yr. WSE / FW = Floodway WSE — 1.00 / 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — MP-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner — SEC 31 / T7S R7E
- Section Line
- Fence Lines

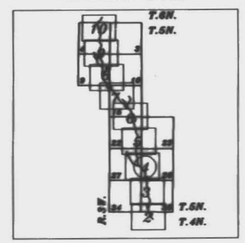
ELEVATION REFERENCE MARKS

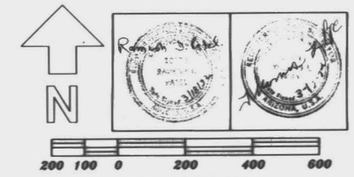
NOTE: ALL ELEVATIONS ARE BASED ORIGINATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION /
ERM PD7	1608.02	420 S.C. T1/4 SEC 31 T7S R6E

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP





P&D Technologies
An Employee Owned Company
1702 E. Highland §200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Venero	Date:	Submitted By:	Date:
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:
PLANS CHECK:	By: Ramesh Patel, PE	Date:	FEMA REVIEW AND APPROVAL	

SHEET: 4
OF: 10

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 M 76.0
- Cross Section Q_{100} = 3,000 cfs — FD = 100yr. WSE; FW = Floodway WSE
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — HV-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

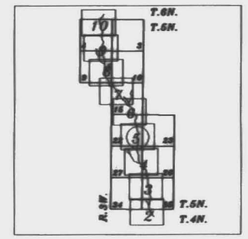
ELEVATION REFERENCE MARKS

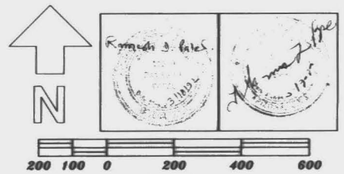
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD6	1639.13	GLO B.C. SE COR SEC 22 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP





P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By:	Date:
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER	

SHEET: 5 OF: 10

MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-89

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 76.0 — M 76.0
- Cross Section Q_{100} = 3,000 cfs — 1.00 FD = 100yr. WSE; FW = Floodway WSE — 1.00
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — BM-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner — 24 / 25
- Section Line
- Fence Lines

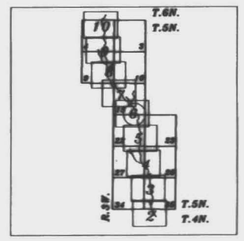
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER ELEVATION (FT)		DESCRIPTION / LOCATION
ERM PD6	1672.13	CAP B.C. S1/4 SEC 22 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

200 100 0 200 400 600

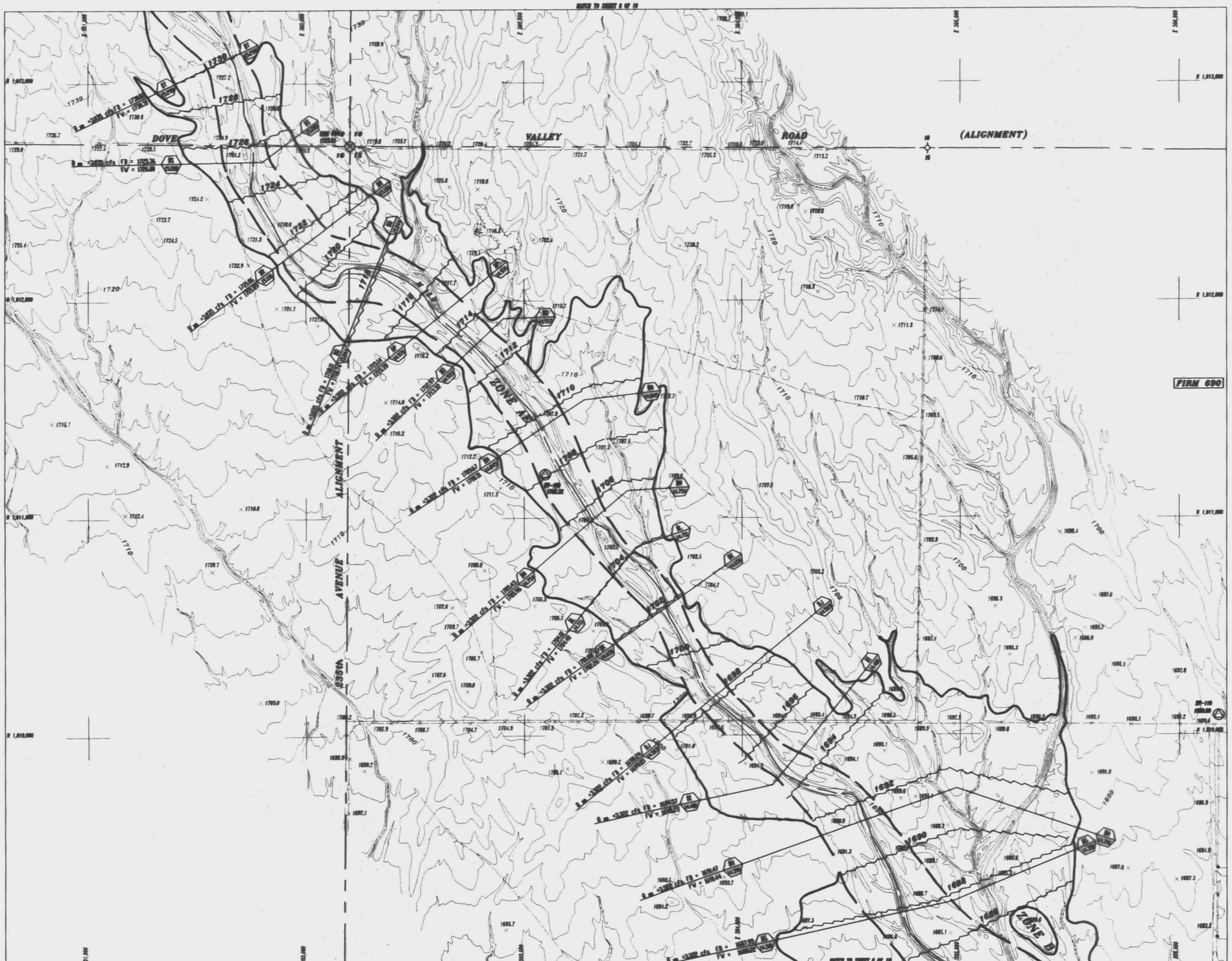
2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland S200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Venero	Date:	Submitted By:	Date:	SHEET: 6
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:	OF: 10
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:	
PLANS CHECK:	By: Ramesh Patel, PE	Date:	[illegible]		

MAPPING: COOPER AERIAL OF PHOENIX INC. 4021 N. 16th STREET SUITE C-515 PHOENIX, AZ. 85016 TEL.(602) 230-1270
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-12-96

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335



MAPPING: COOPER AERIAL OF PHOENIX INC. 4821 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-99

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 M 76.0
- Cross Section — Q_{100} = 3,000 cfs; FD = 100yr. WSE; FV = Floodway WSE
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points — HV-1
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

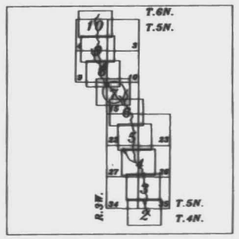
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD4	1723.61	GLO B.C. NE COR SEC 16 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



N

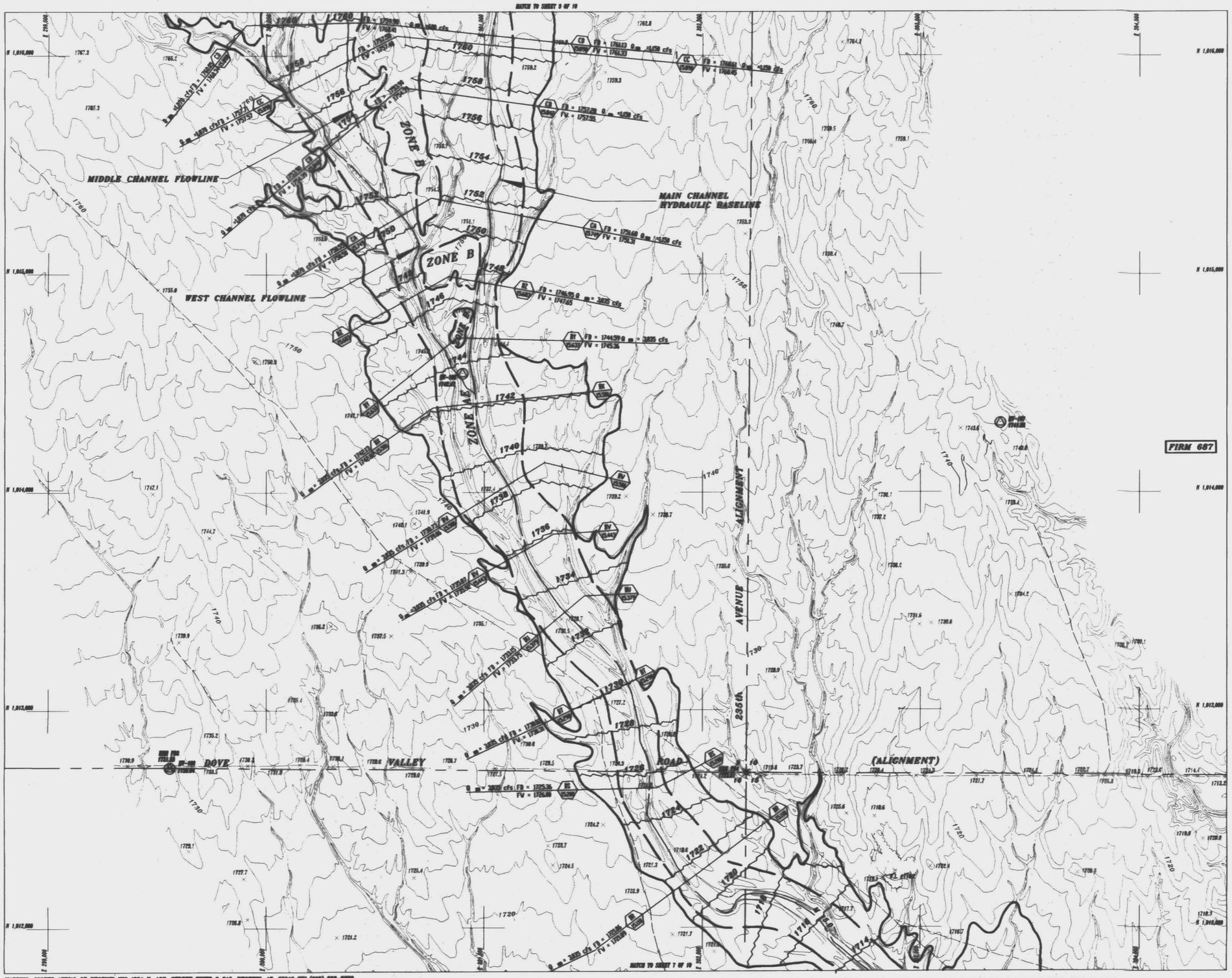
200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By:	Date:
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By:	Date:
PLANS:	By: Richard Murillo	Date:	Approved By:	Date:
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER	

SHEET: 7 OF: 10



MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE.SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-00

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS 1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVAL BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: P & D TECHNOLOGIES (602) 264-3335

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

- Excluded Areas
- 100-Yr Floodplain Boundary
- Floodway Boundary
- Hydraulic Base Line With River Mile — M 75.0 — M 76.0
- Cross Section — FD = 100yr. WSE; FW = Floodway WSE
- Elevation Reference Marks — ERM PD7
- Horizontal And Vertical Control Points
- Zone Cutters (Boundary)
- Base Flood Elevations — 580
- Zone Designations — ZONE AE
- Dirt Roads
- Paved Road
- Section Corner
- Section Line
- Fence Lines

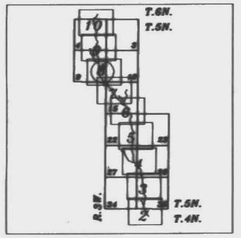
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD6	1731.50	GLO B.C. N1/4 SEC 16 T5N R3W
ERM PD4	1723.61	GLO B.C. NE COR SEC 16 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



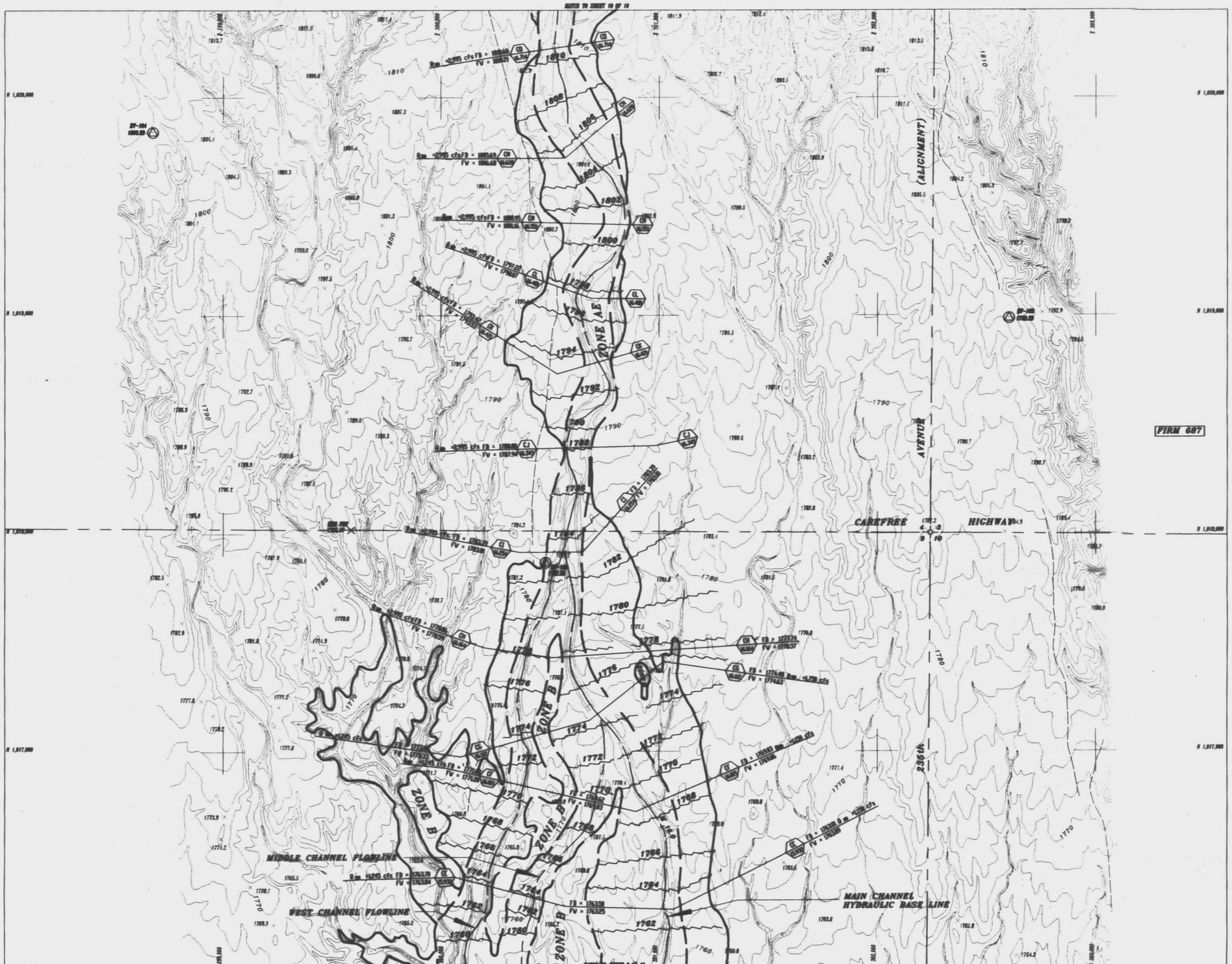
N

200 100 0 200 400 600

2 FOOT CONTOUR INTERVAL

P&D Technologies
An Employee Owned Company
1702 E. Highland #200, Phoenix, Arizona 85016
Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By: Date:	SHEET: 8
DESIGN CHECK:	By: Ramesh Patel, PE	Date:	Recommended By: Date:	
PLANS:	By: Richard Murillo	Date:	Approved By: Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER:	



MAPPING: COOPER AERIAL OF PHOENIX INC. 4621 N. 16th STREET SUITE C-315 PHOENIX, AZ. 85016 TEL.(602) 266-2279
SURVEY: P & D TECHNOLOGIES, 1702 E. HIGHLAND AVE. SUITE 200 PHOENIX, AZ. 85016 TEL.(602) 264-3335 DATE: 9-13-89

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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- Section Line
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ELEVATION REFERENCE MARKS

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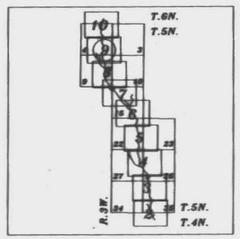
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD2	1765.17	GLO B.C. 31/4 SEC 4 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



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Telephone (602) 264-3335

DESIGN:	By: L.M. Vomero	Date:	Submitted By: Date:	SHEET: 9
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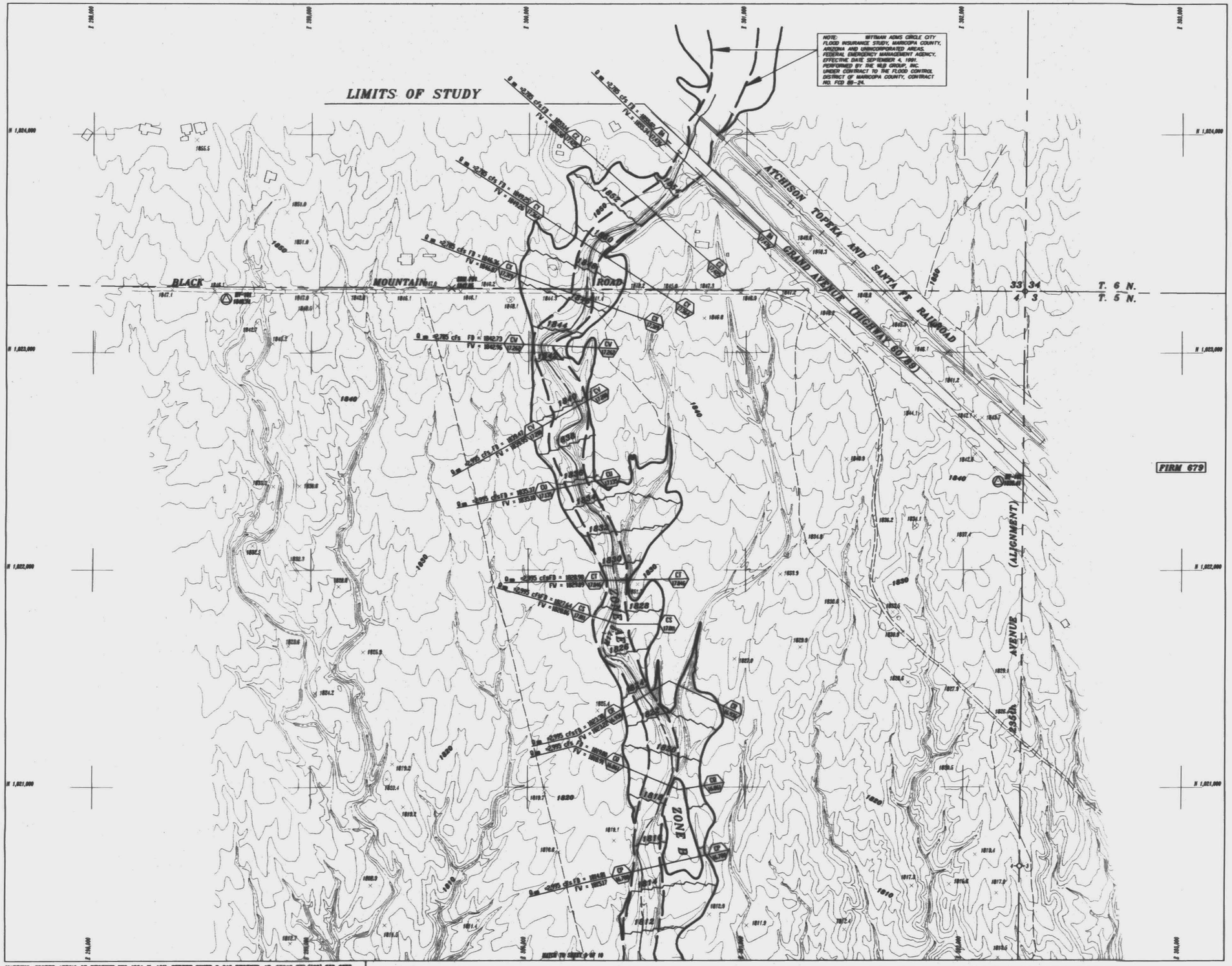
PLANS:	By: Richard Murillo	Date:	Approved By: Date:	OF: 10
PLANS CHECK:	By: Ramesh Patel, PE	Date:	CHIEF ENGINEER AND GENERAL MANAGER	



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TRILBY WASH FLOODPLAIN DELINEATION STUDY

LEGEND

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ELEVATION REFERENCE MARKS

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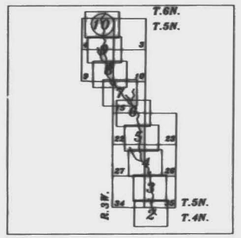
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION / LOCATION
ERM PD1	1047.05	CLD B.C. N 1/4 SEC 4 T5N R3W

NOTE: CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED.

INDEX MAP



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