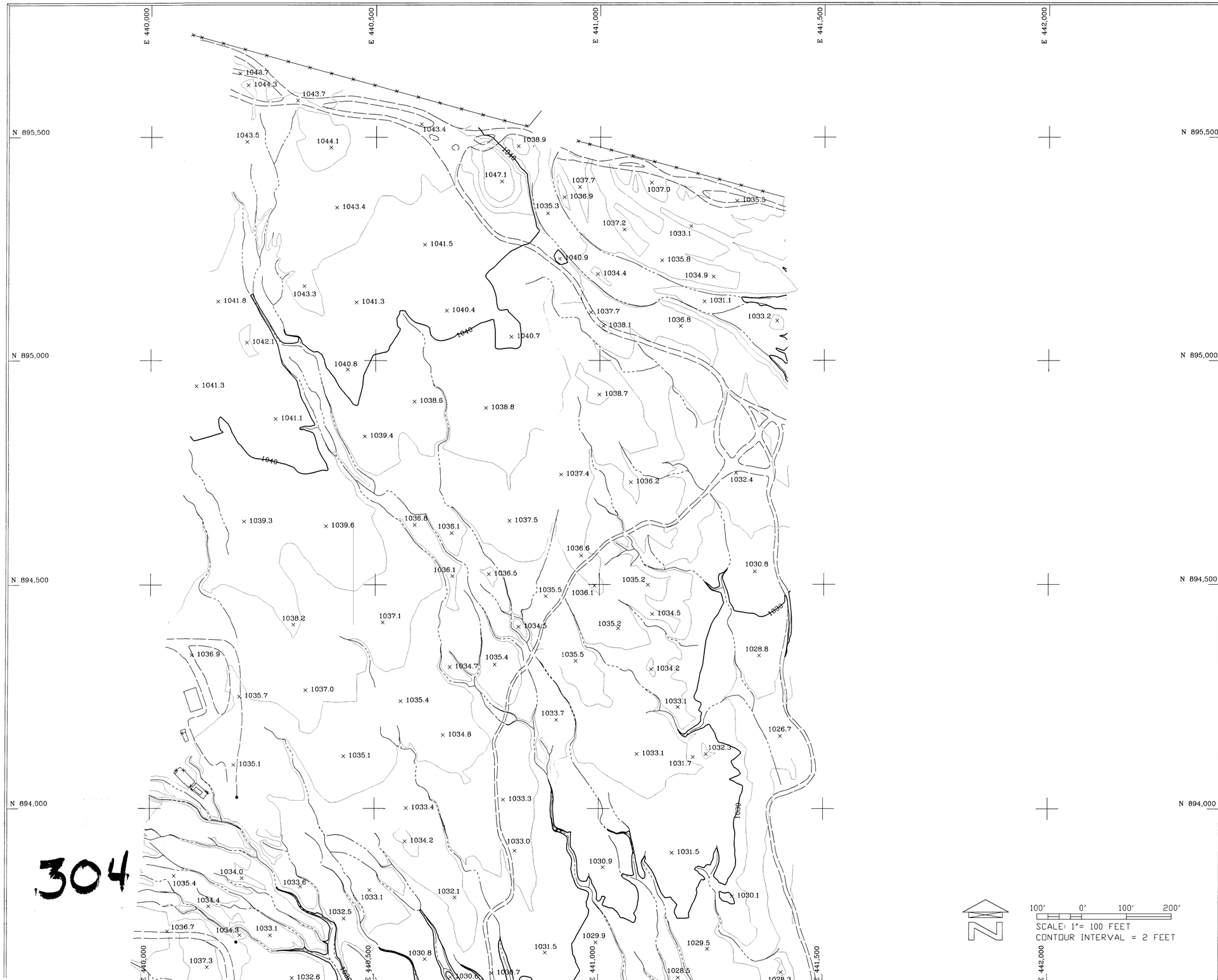


304

EDGE MATCH TO SHEET 2 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

100' 0' 100' 200'

SCALE: 1"= 100 FEET

CONTOUR INTERVAL = 2 FEET

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

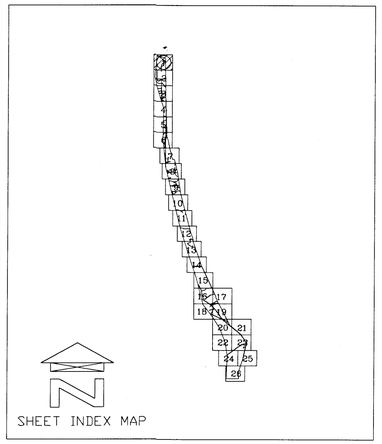
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-9-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 1 OF 26

EDGE MATCH TO SHEET 1 OF 26

EDGE MATCH TO SHEET 3 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

100' 0' 100' 200'

SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 2 FEET

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

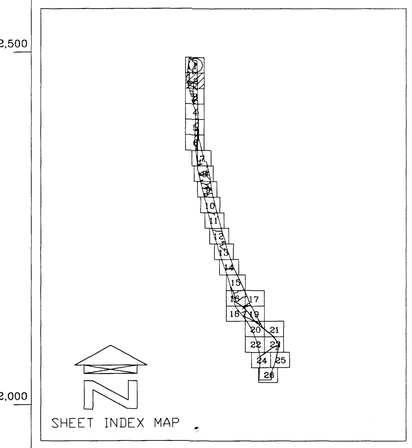
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-04	1045.59	440003.72 892329.76

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-3-05
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 2 OF 26

EDGE MATCH TO SHEET 2 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

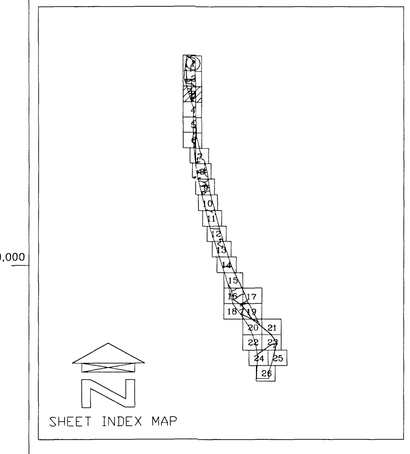
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION	
HV-05	1013.74	44083.82	889669.12

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

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ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404
SHEET 3 OF 26

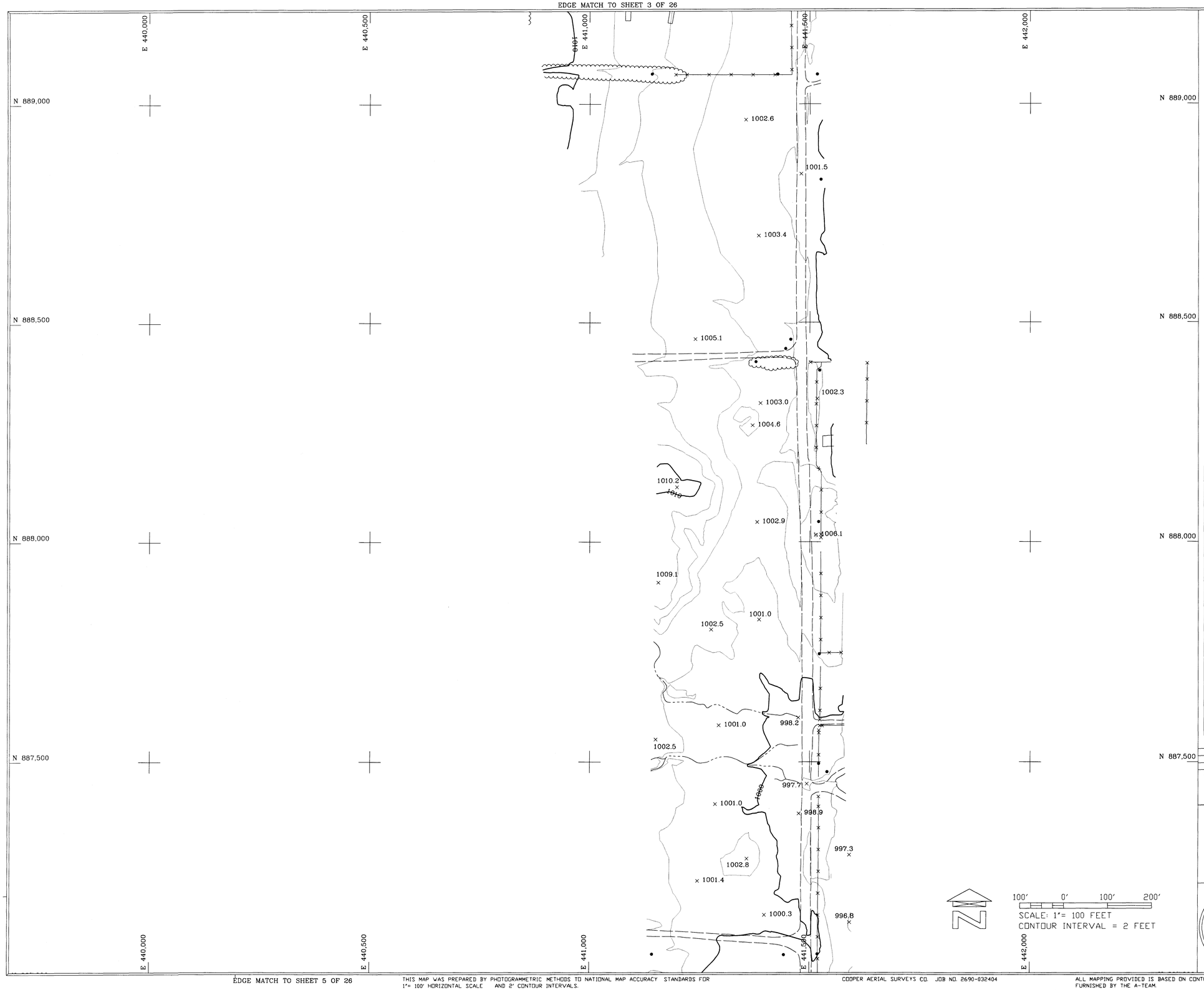
EDGE MATCH TO SHEET 4 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 3 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

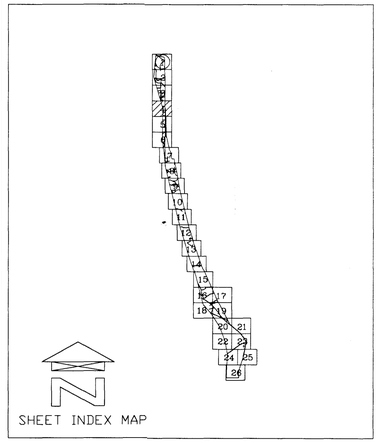
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-3-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404 SHEET 4 OF 26

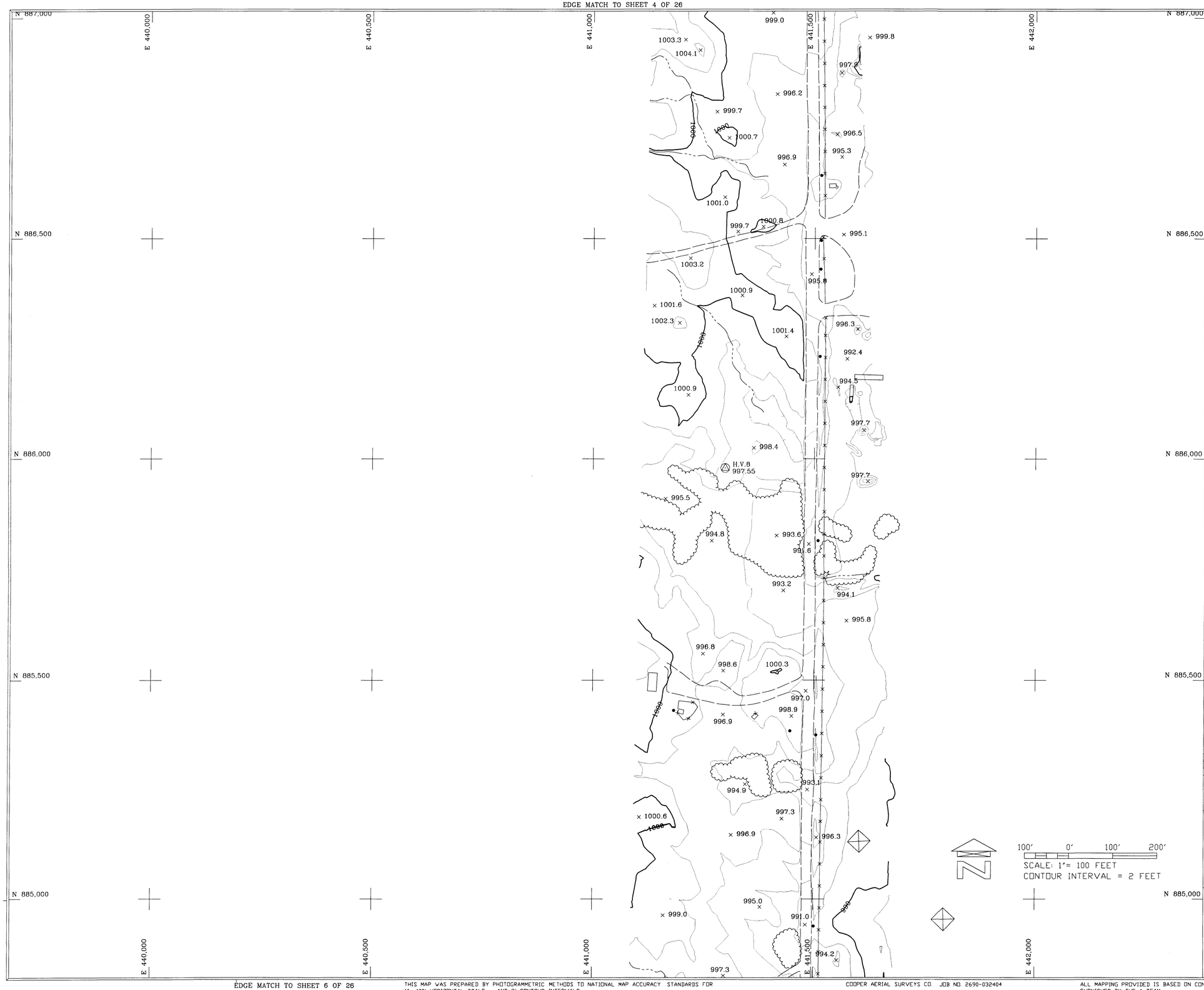
EDGE MATCH TO SHEET 5 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 4 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

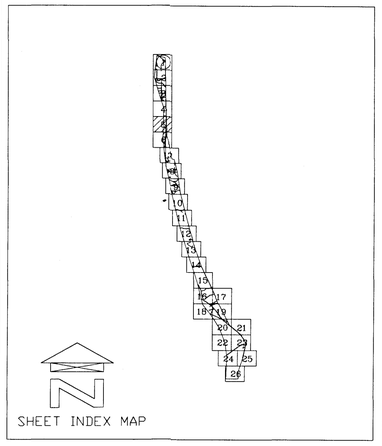
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION	
HV-08	997.55	441298.28	885979.06

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-2-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404
SHEET 5 OF 26

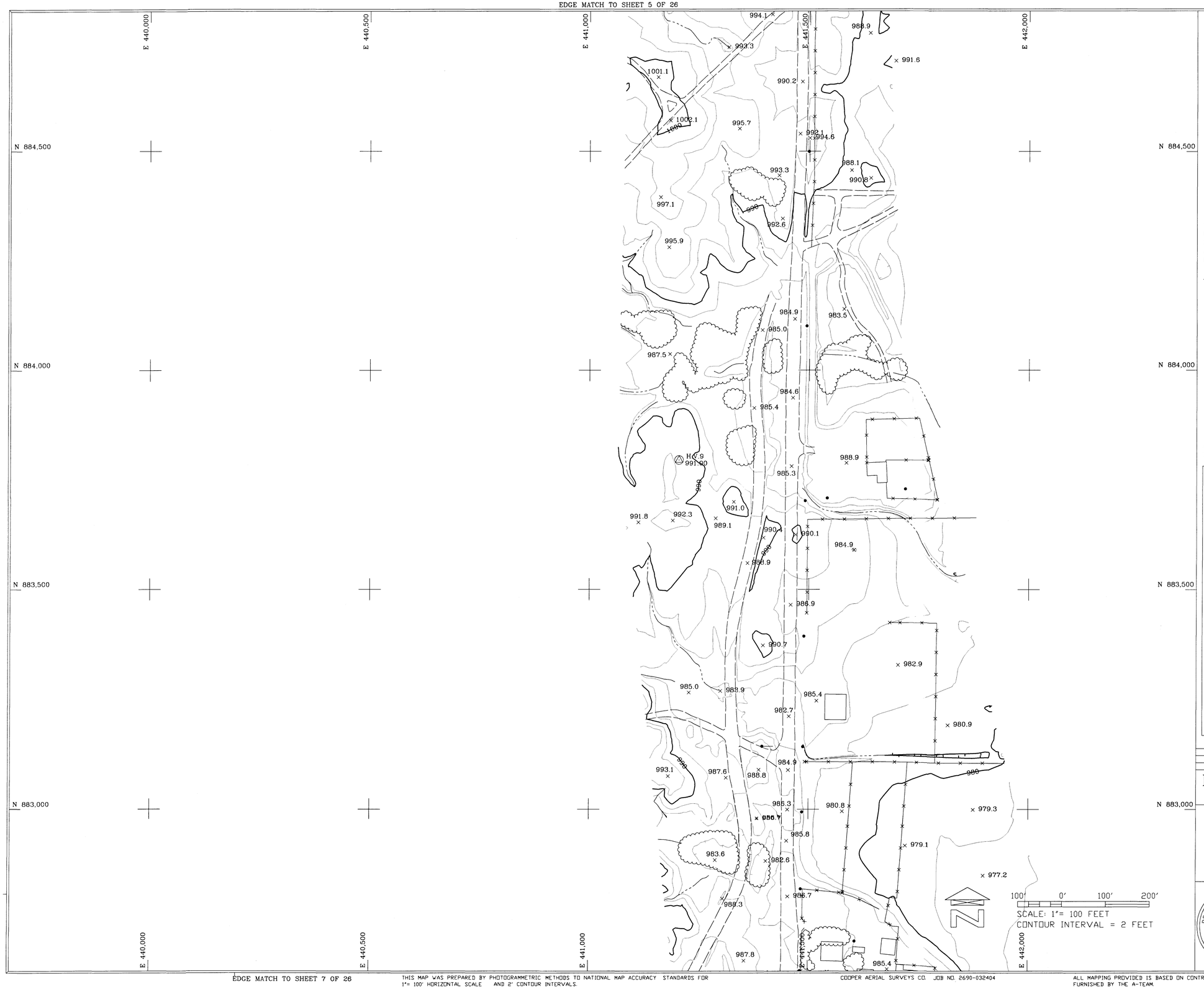
EDGE MATCH TO SHEET 6 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 5 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

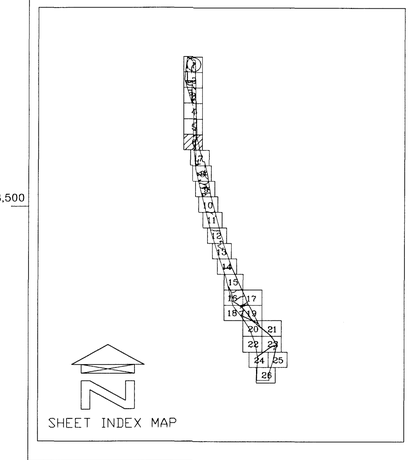
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-09	991.90	441203.39 883795.24

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
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29888
KIMBALL R.
SIEGFRIED
Date signed 12-2-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 6 OF 26

EDGE MATCH TO SHEET 7 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 6 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

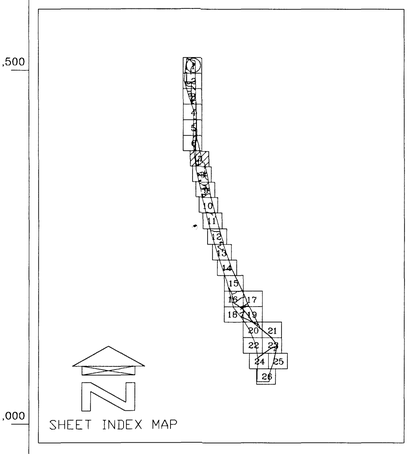
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION	
HV-41	968.21	442821.78	882450.88

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



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

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-3-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404
SHEET 7 OF 26

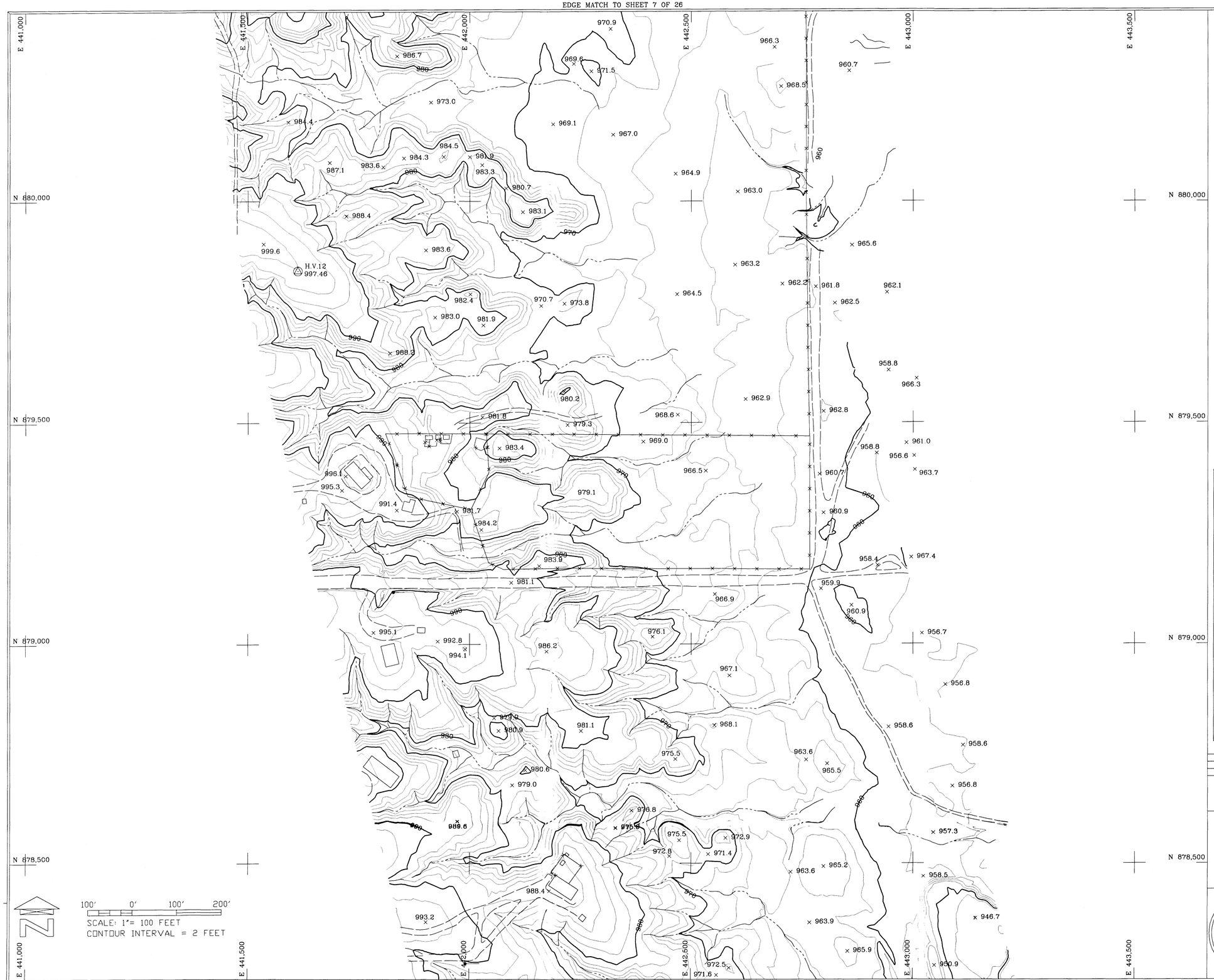
EDGE MATCH TO SHEET 8 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 7 OF 26



EDGE MATCH TO SHEET 9 OF 26

LEGEND

DRAIN	UNPAVED ROAD
LEVEE	DEPRESSION CONTOUR
FENCE	PIPELINE
WALL	SAGUARO
RETAINING WALL	CONTROL POINT
GUARDRAIL	POWER POLE
TREELINE	LIGHT POLE

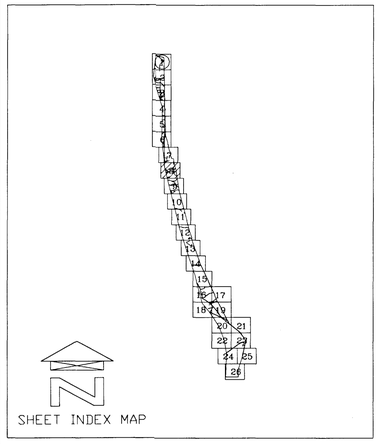
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-12	997.46	441612.35 879842.50

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-2-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

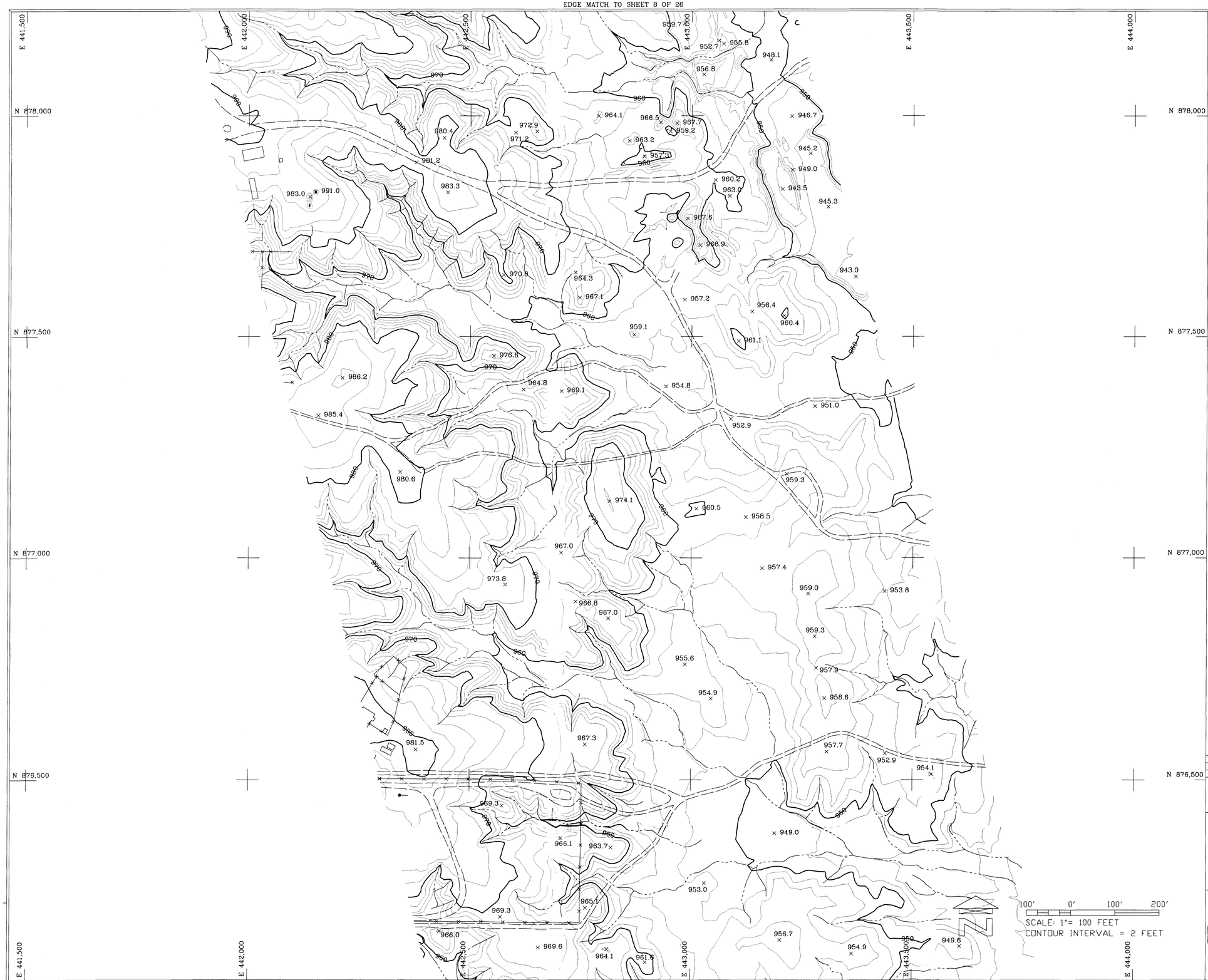
COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404 SHEET 8 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 8 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

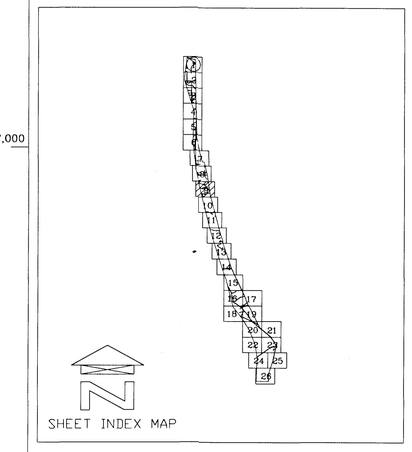
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-8-01
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404
SHEET 9 OF 26

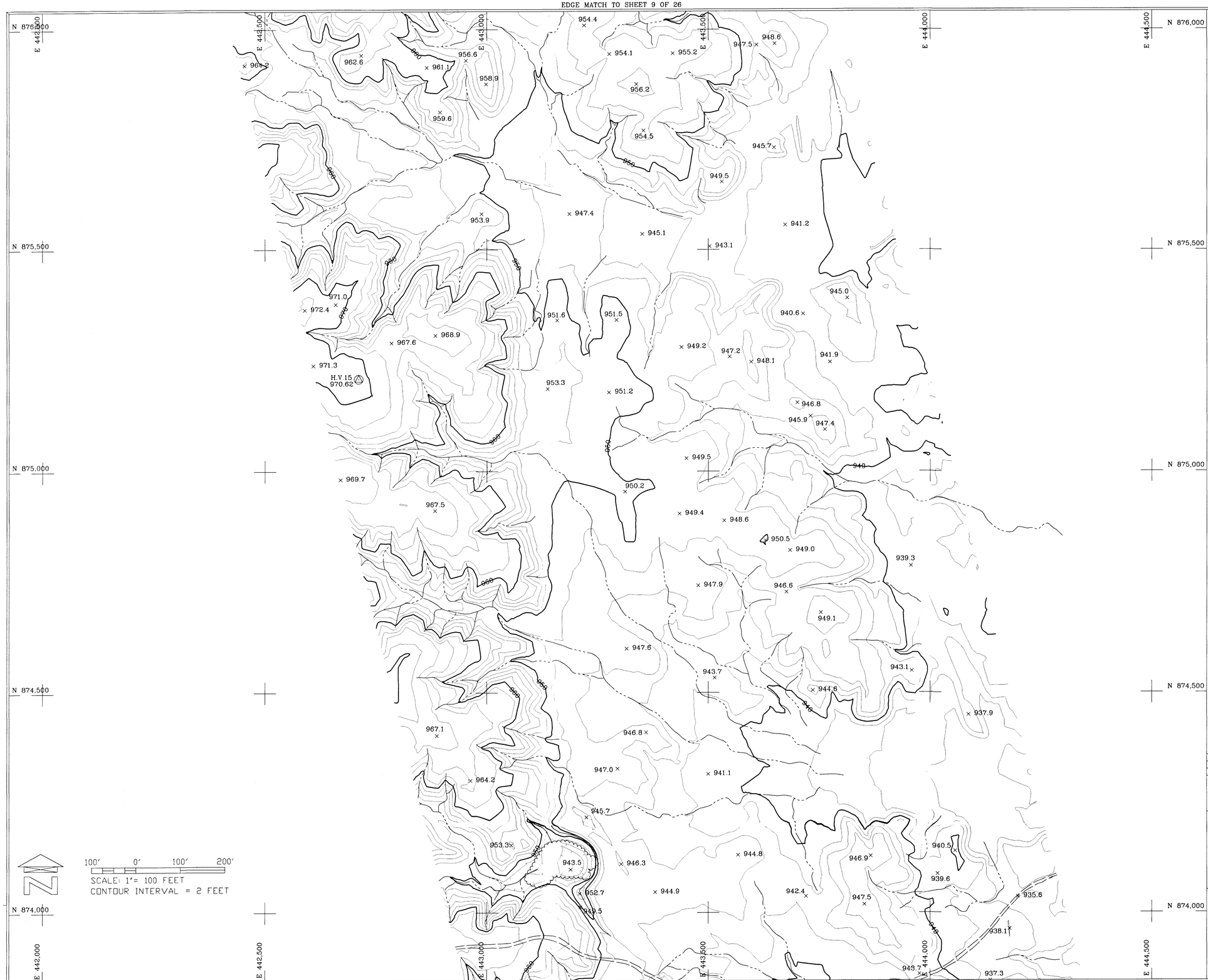
EDGE MATCH TO SHEET 10 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 9 OF 26



EDGE MATCH TO SHEET 11 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

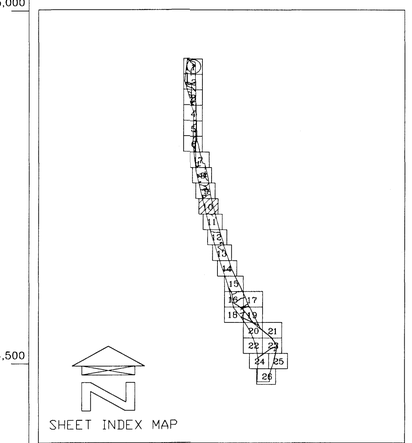
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-15	970.62	442710.78 875208.81

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
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Date signed 12-3-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

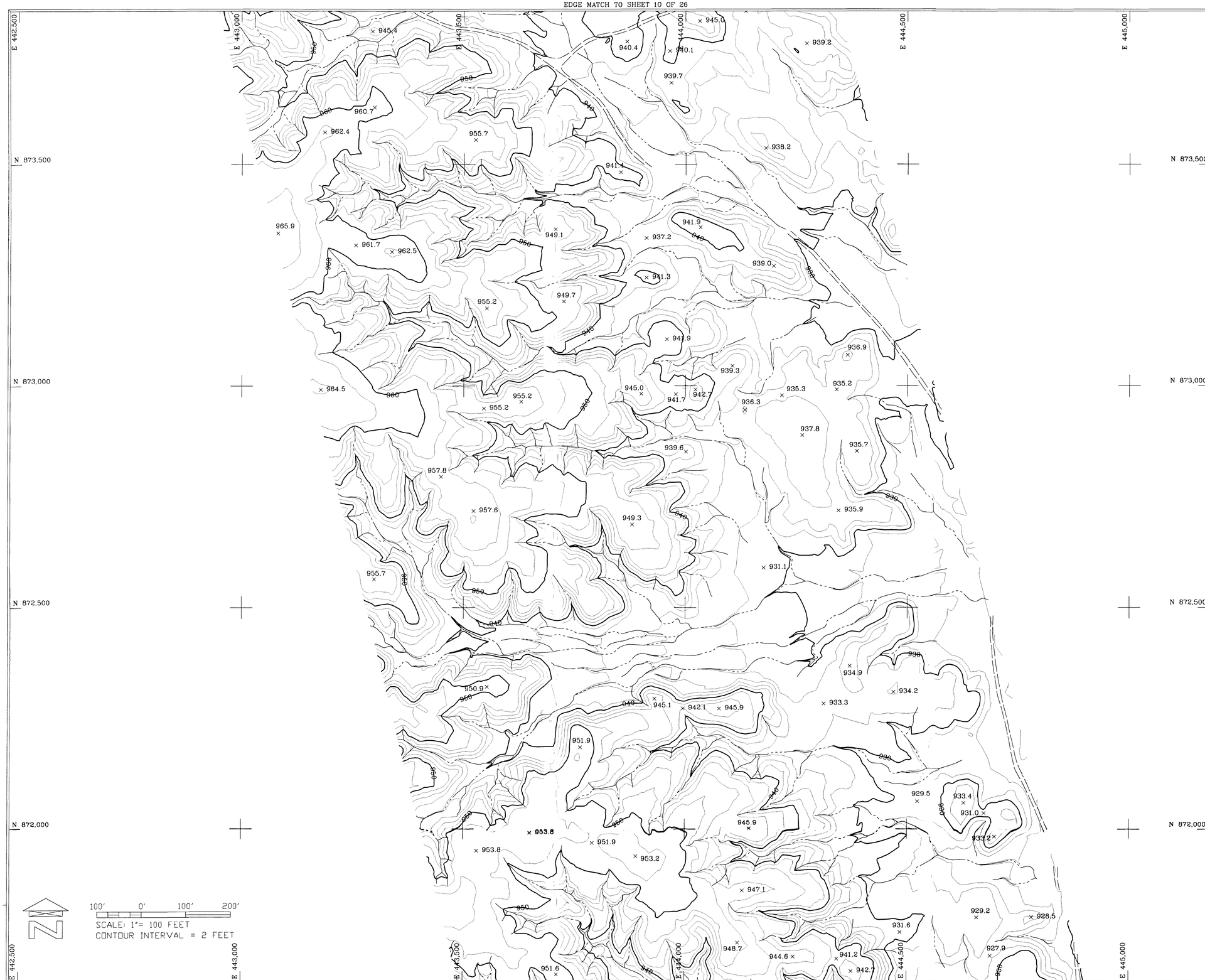
COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404 SHEET 10 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 10 OF 26



100′ 0′ 100′ 200′

SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 2 FEET

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

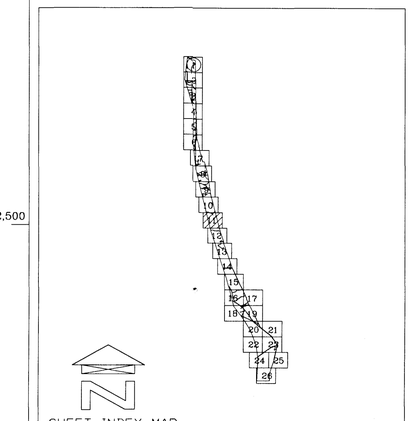
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2C01C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-9-97
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 11 OF 26

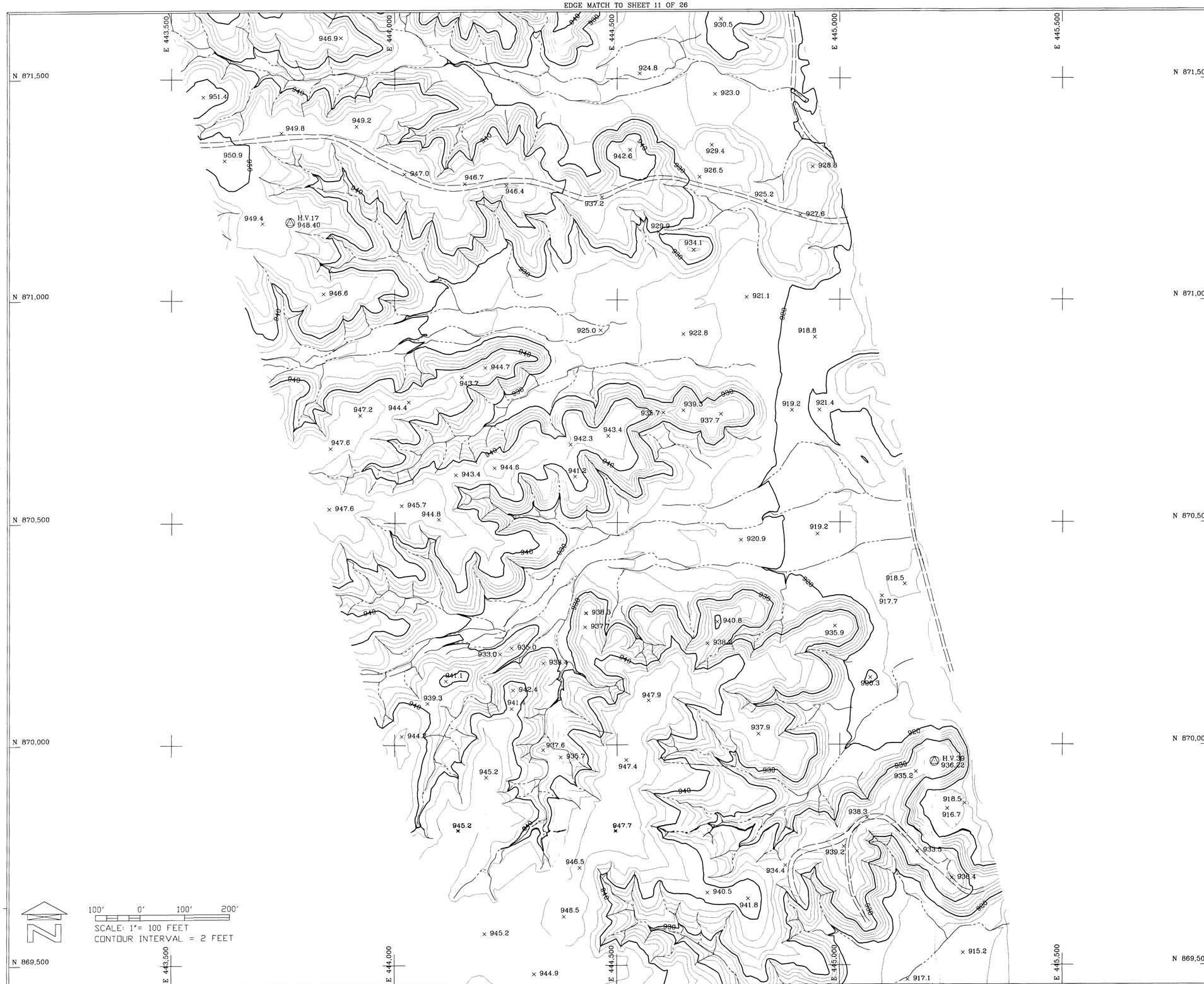
EDGE MATCH TO SHEET 12 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 11 OF 26



EDGE MATCH TO SHEET 13 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

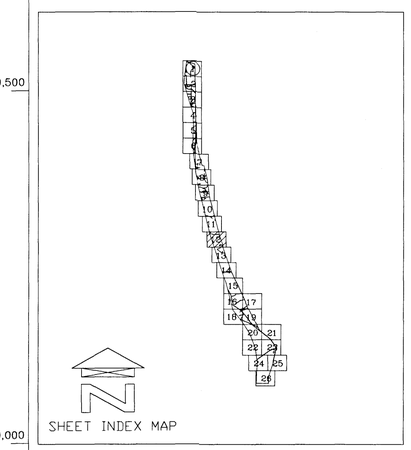
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION	
HV-17	948.40	443765.53	871175.55
HV-39	936.22	445212.85	869961.99

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-9-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404 SHEET 12 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 12 OF 26

EDGE MATCH TO SHEET 14 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

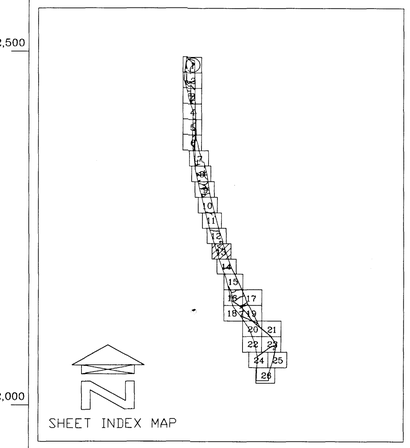
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-3-03
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

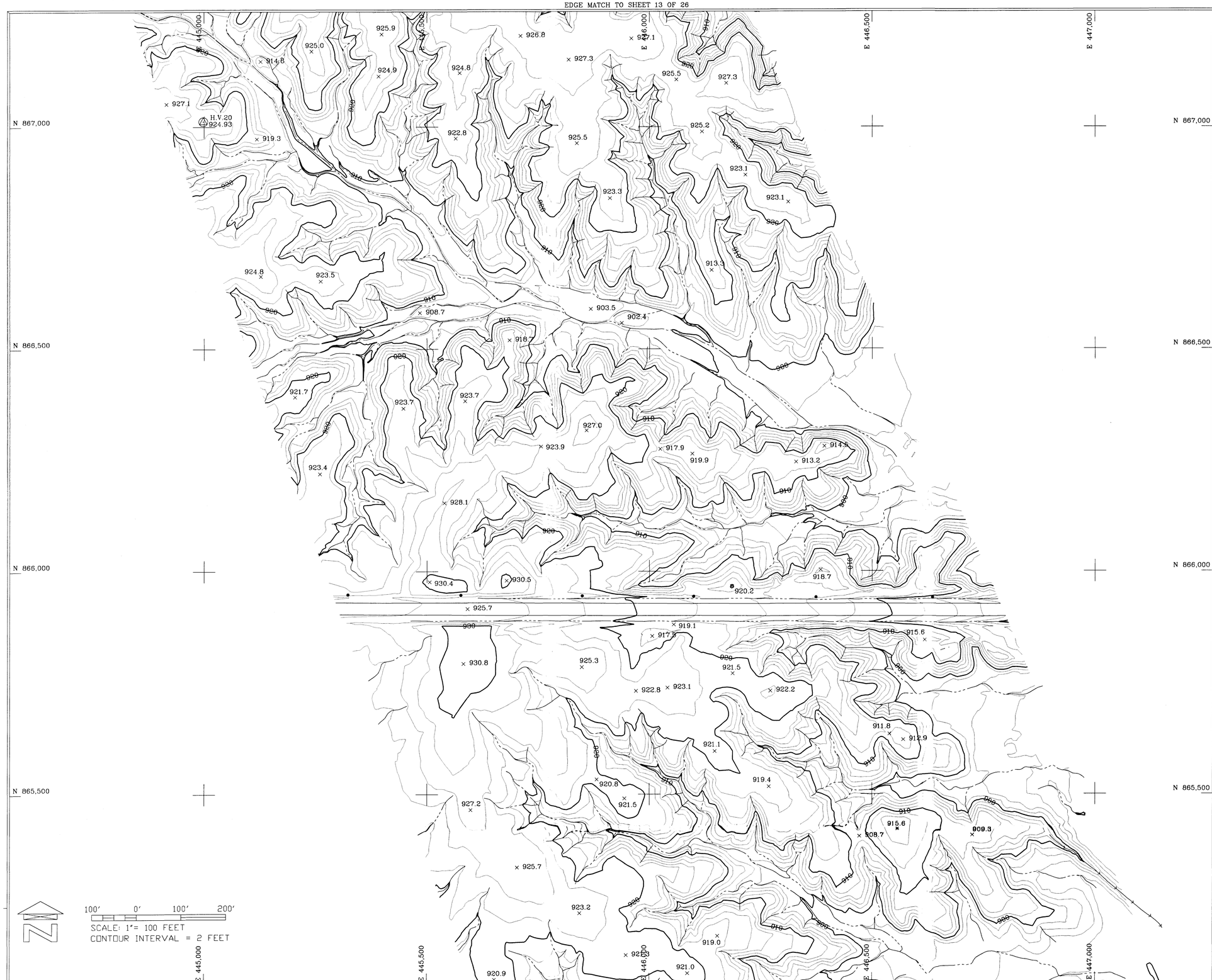
SHEET 13 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 13 OF 26



EDGE MATCH TO SHEET 15 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

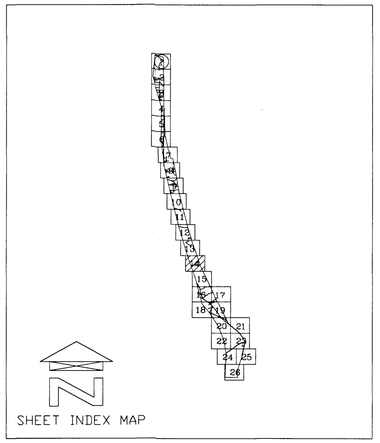
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION	
HV-20	924.93	444997.85	867012.27

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date Signed 12-3-04
ARIZONA, U.S.A.

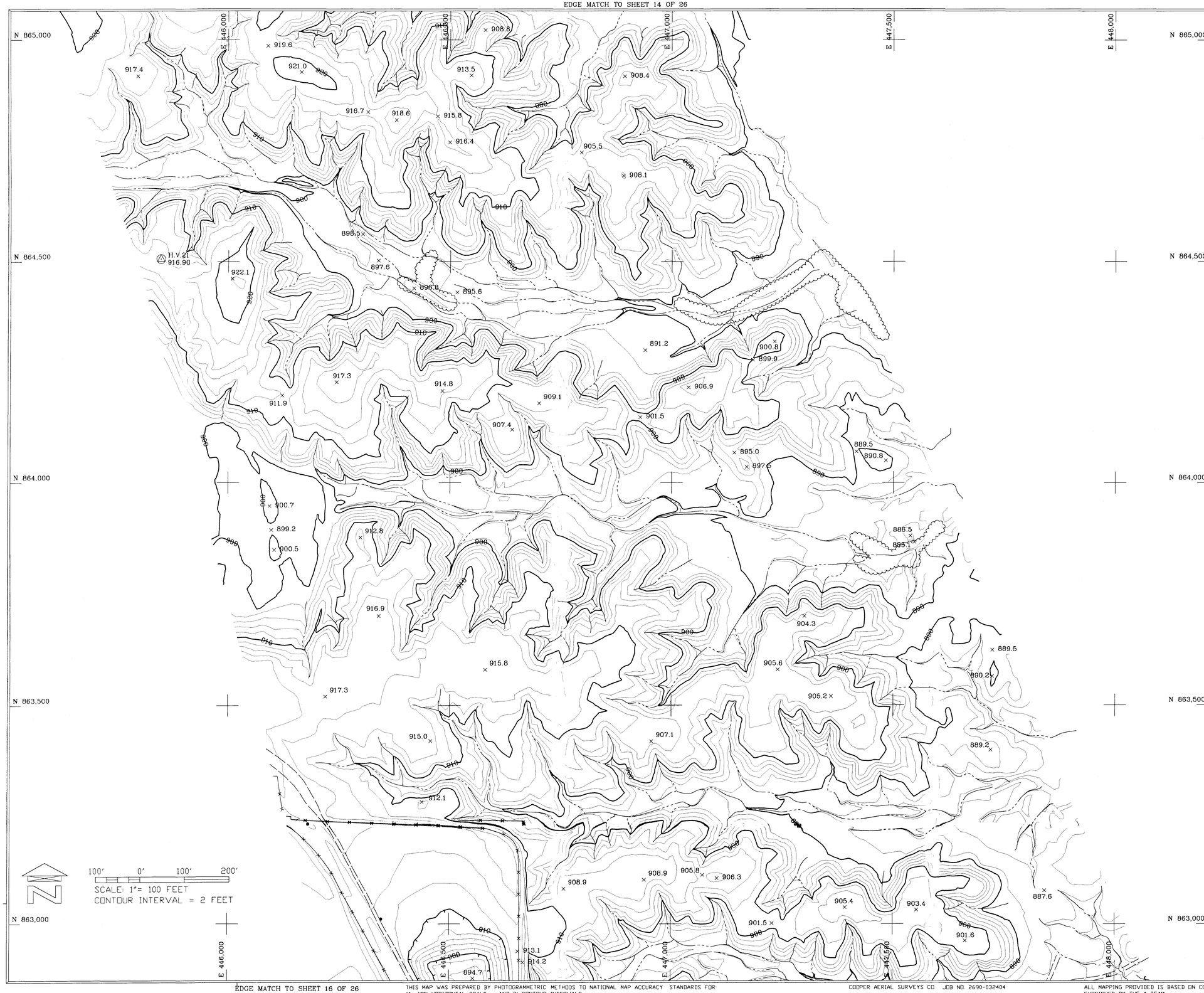
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 14 OF 26

EDGE MATCH TO SHEET 14 OF 26



EDGE MATCH TO SHEET 16 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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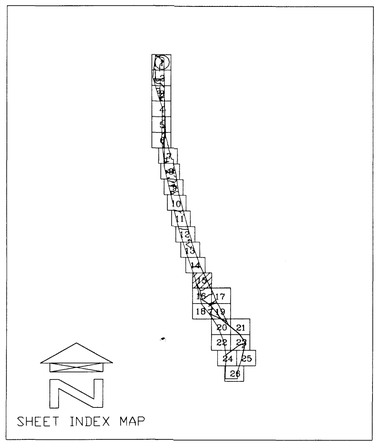
I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION	
HV-21	916.90	445848.52	864506.18

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
2			
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-9-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

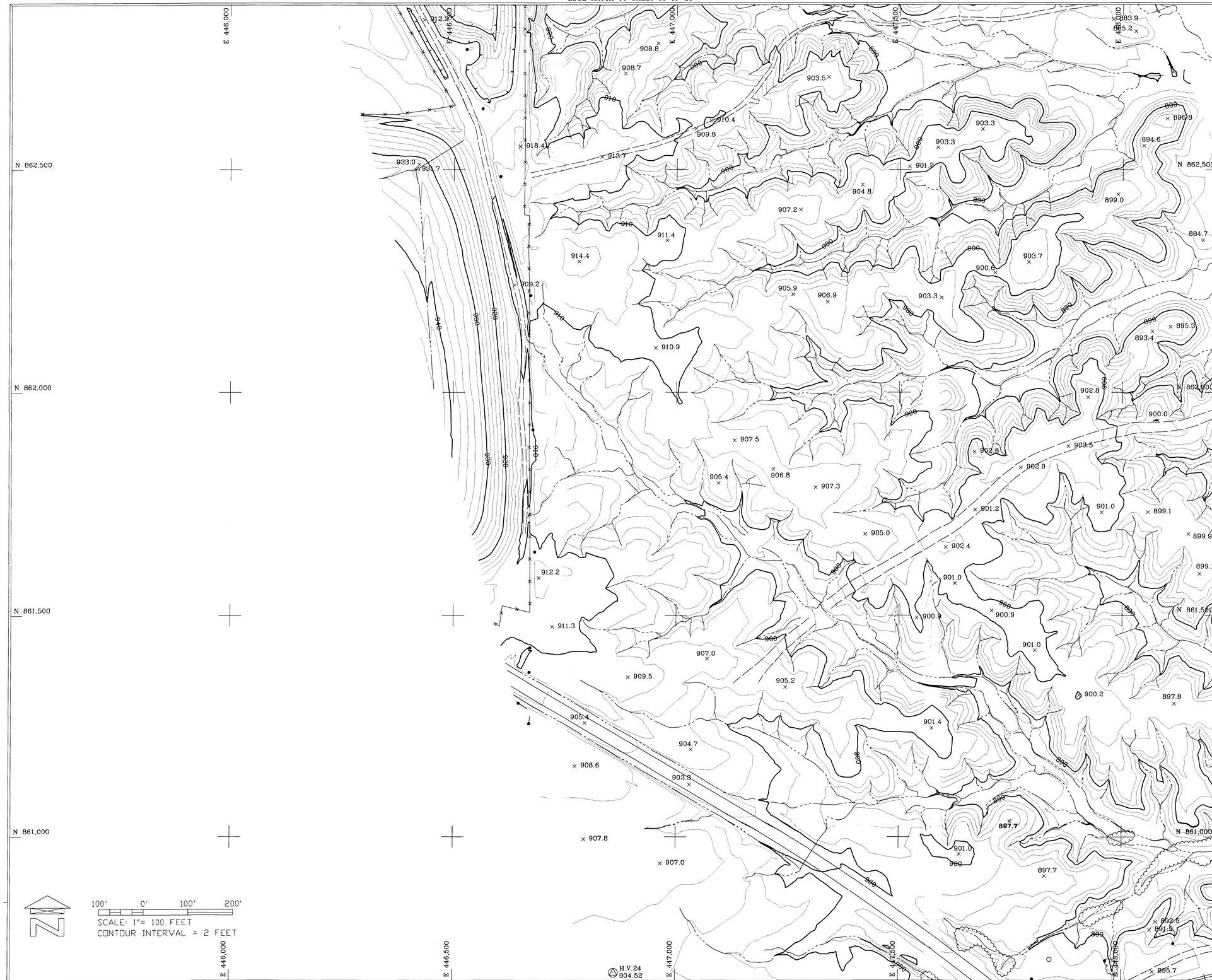
SHEET 15 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 15 OF 26



EDGE MATCH TO SHEET 18 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-24	904.52	446862.06 860693.28

NOTES

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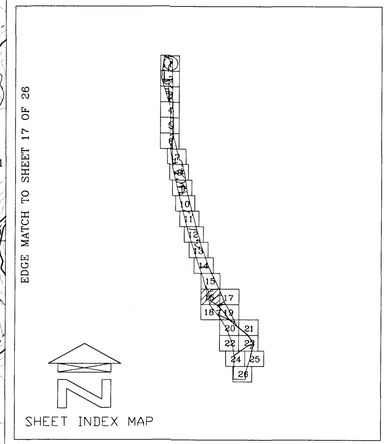

NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-9-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 16 OF 26

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COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

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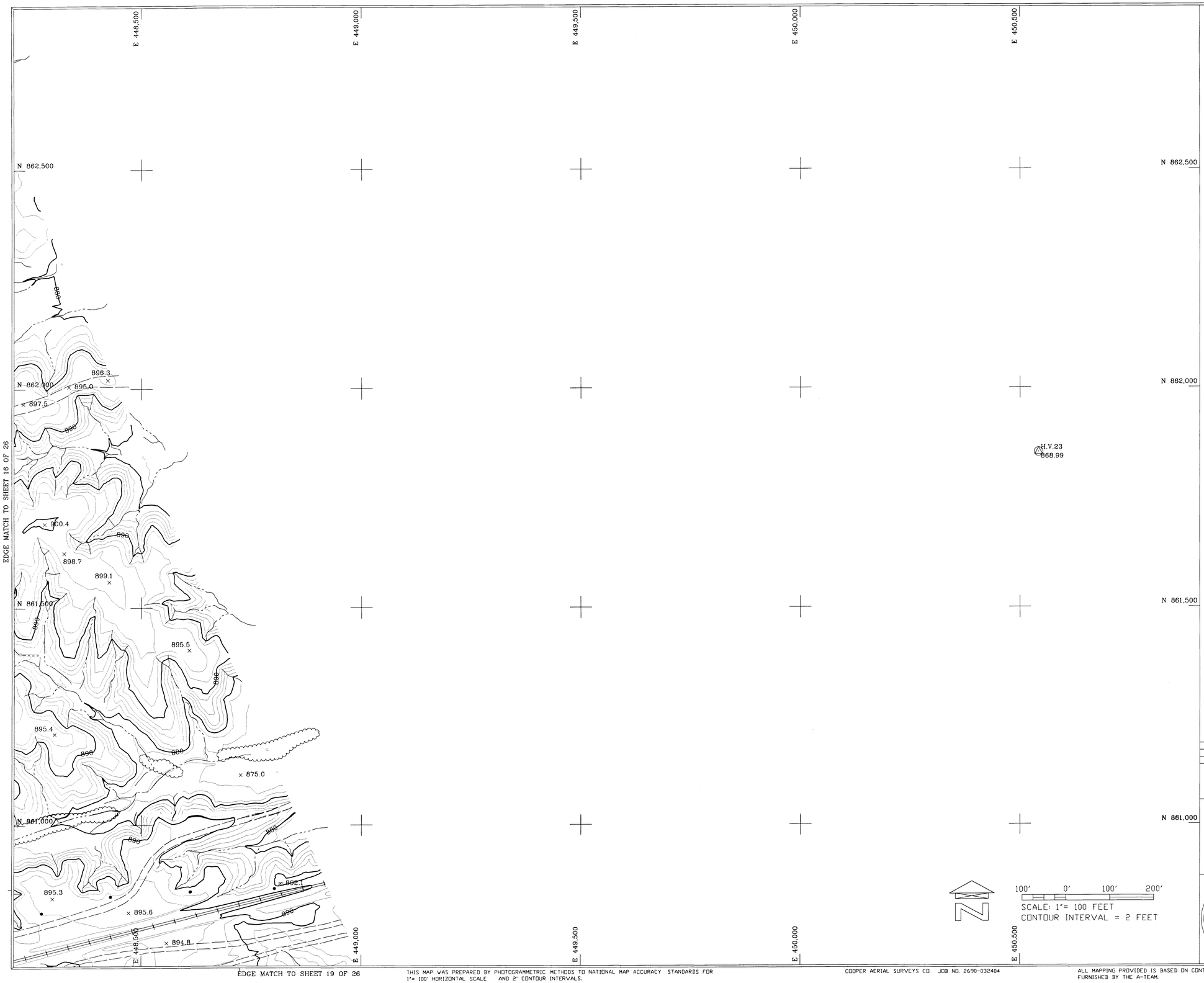

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-23	868.99	450542.22 861852.51

NOTES

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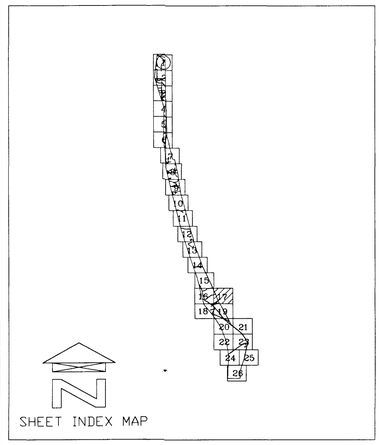

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-17-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404 SHEET 17 OF 26

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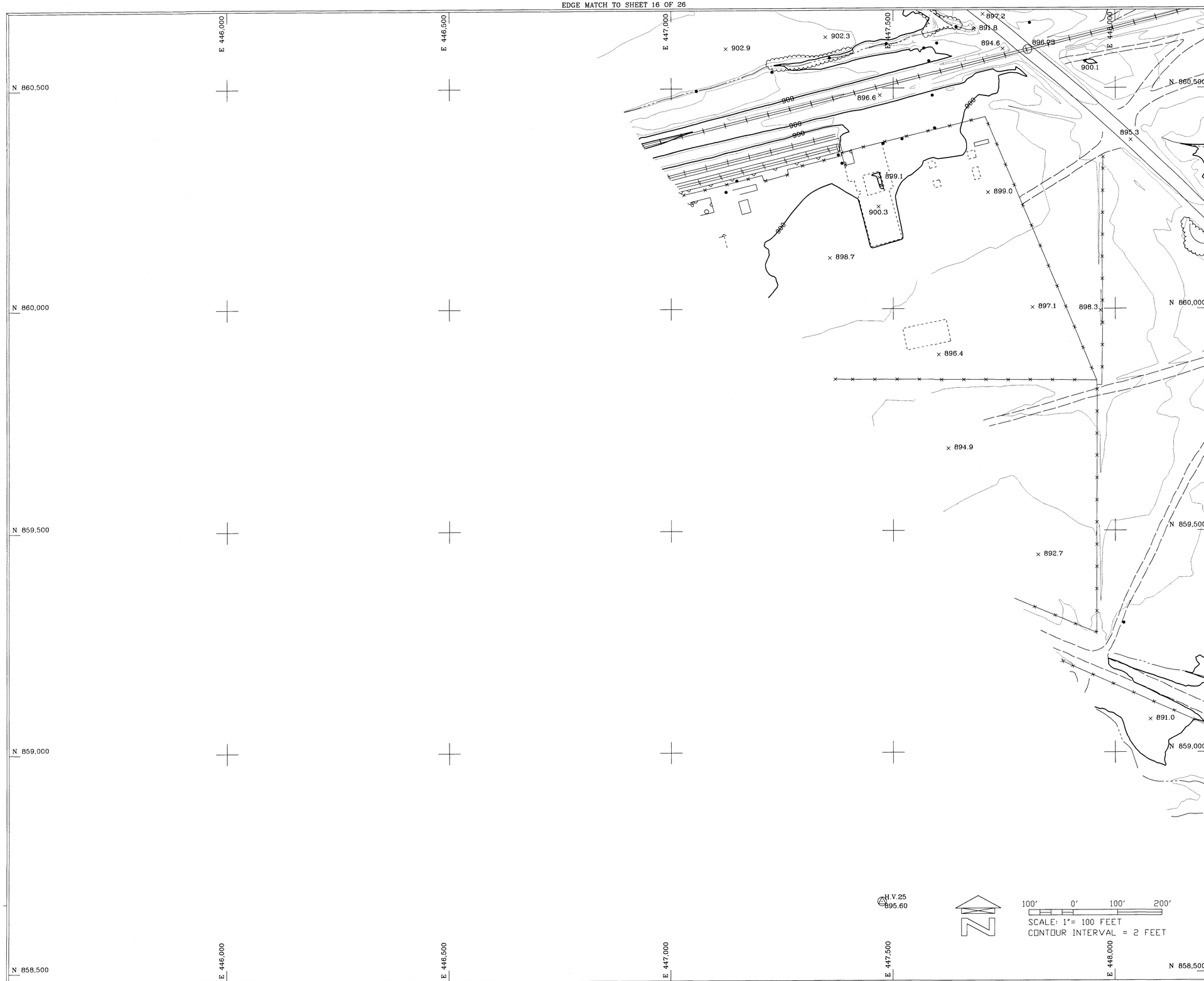
COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 16 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

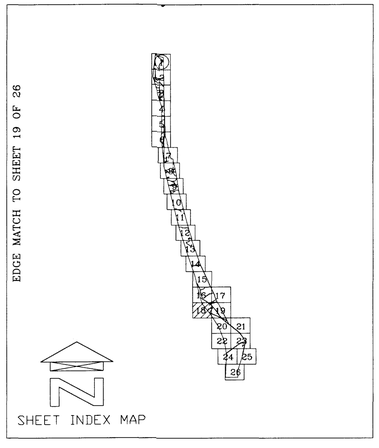
NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-25	895.60	447474.84 858659.87

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.

EDGE MATCH TO SHEET 19 OF 26



SHEET INDEX MAP

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-2-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404 SHEET 18 OF 26

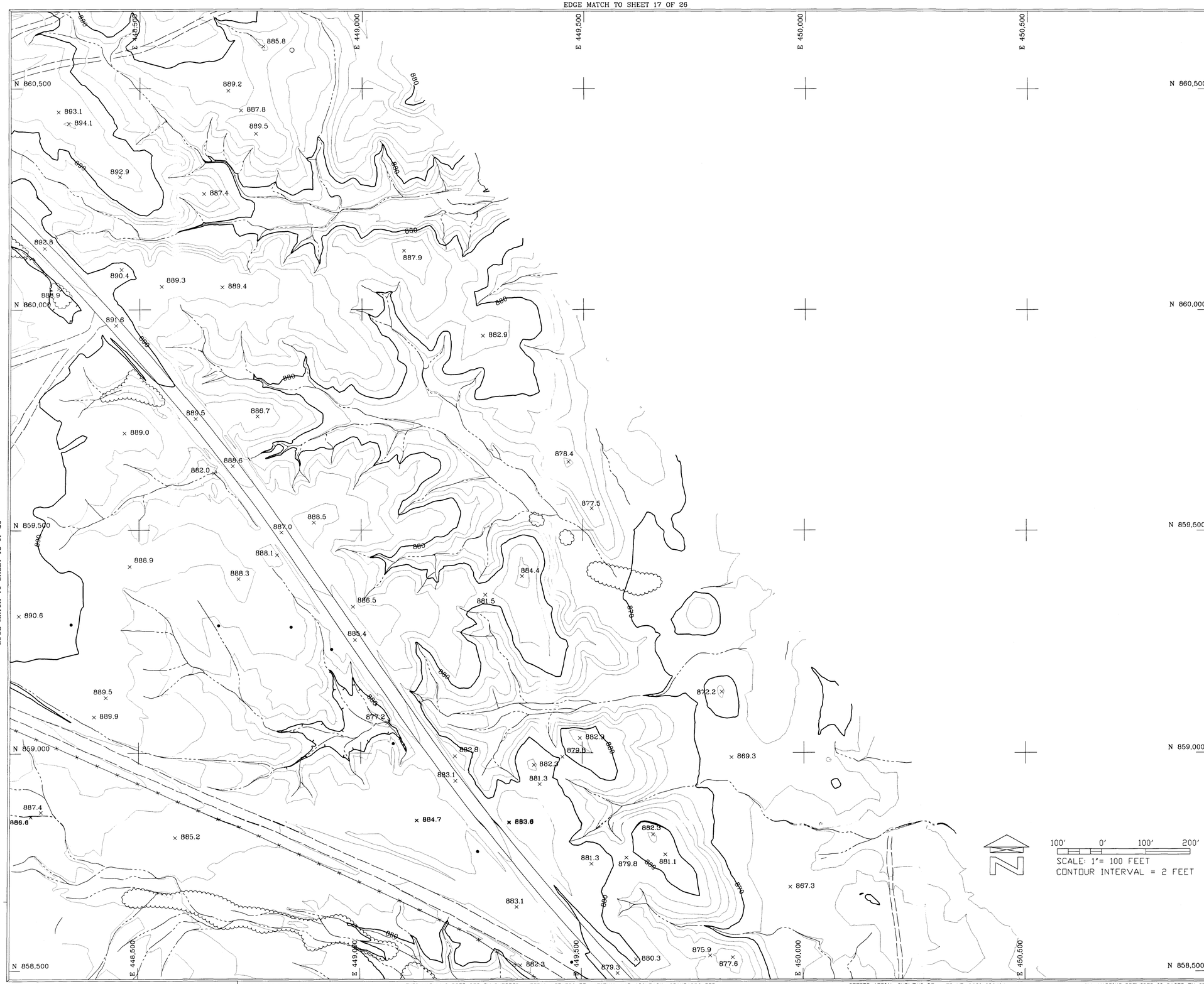
THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 17 OF 26

EDGE MATCH TO SHEET 18 OF 26



EDGE MATCH TO SHEET 20 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

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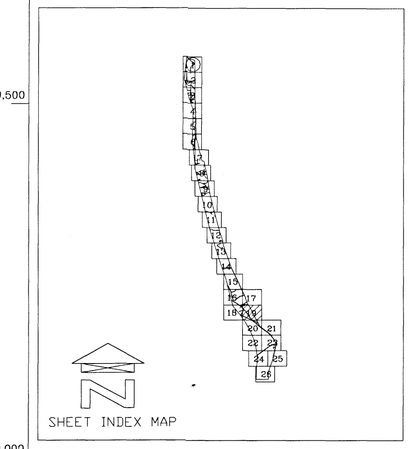


NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NUMBER
29888
KIMBALL R. SIEGFRIED
Date signed 12-9-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	–	–
DESIGN CHK.	–	–
PLANS	–	–
PLANS CHK.	–	–

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

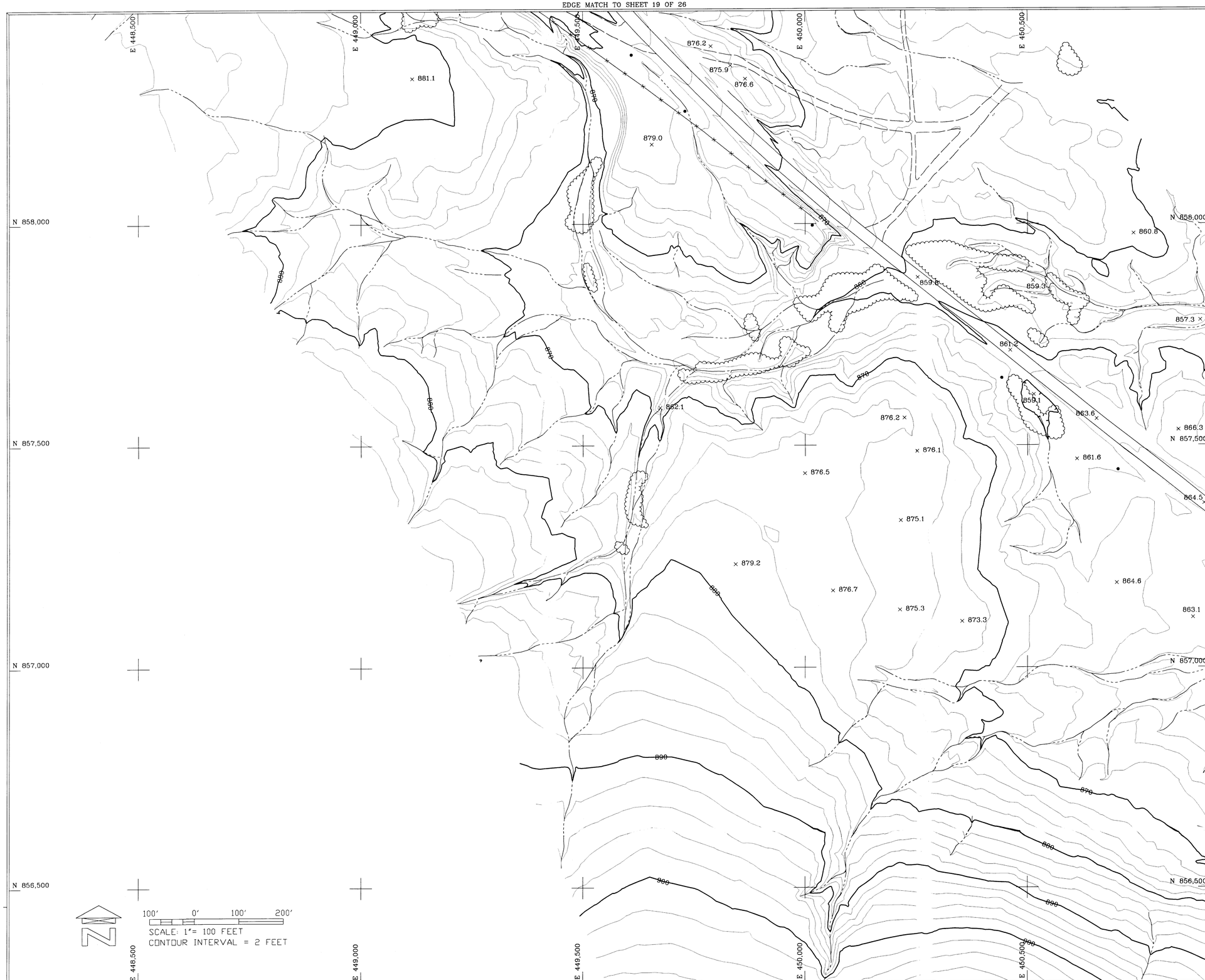
SHEET 19 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 19 OF 26



EDGE MATCH TO SHEET 22 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

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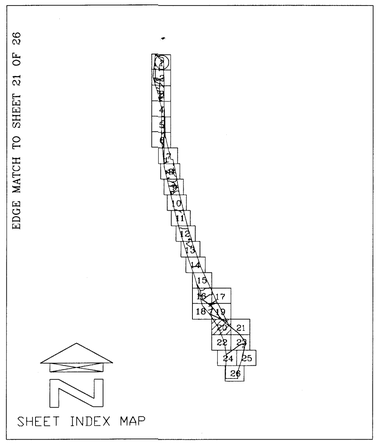

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-3-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 20 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

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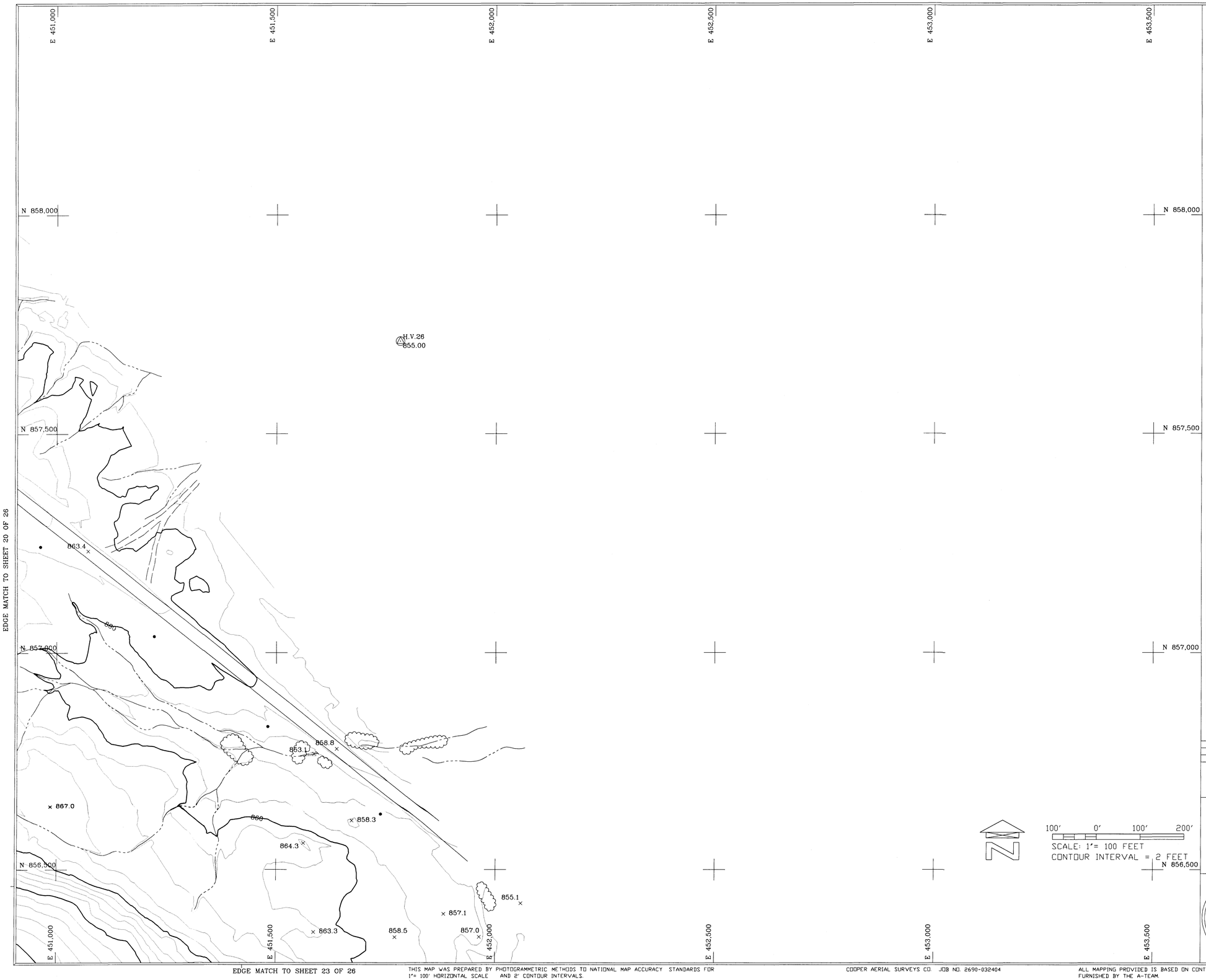


LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

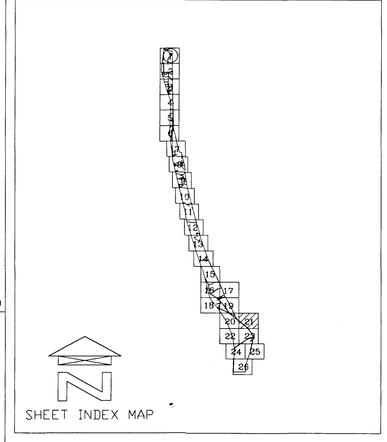
GROUND CONTROL POINTS

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), 1992 EPOCH CENTRAL ZONE OF ARIZONA STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-26	855.00	451780.92 857711.90

NOTES

All mapping data is based on ground control provided by The A-Team and referenced to GDACS.



NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R. SIEGFRIED
Date signed 12-17-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

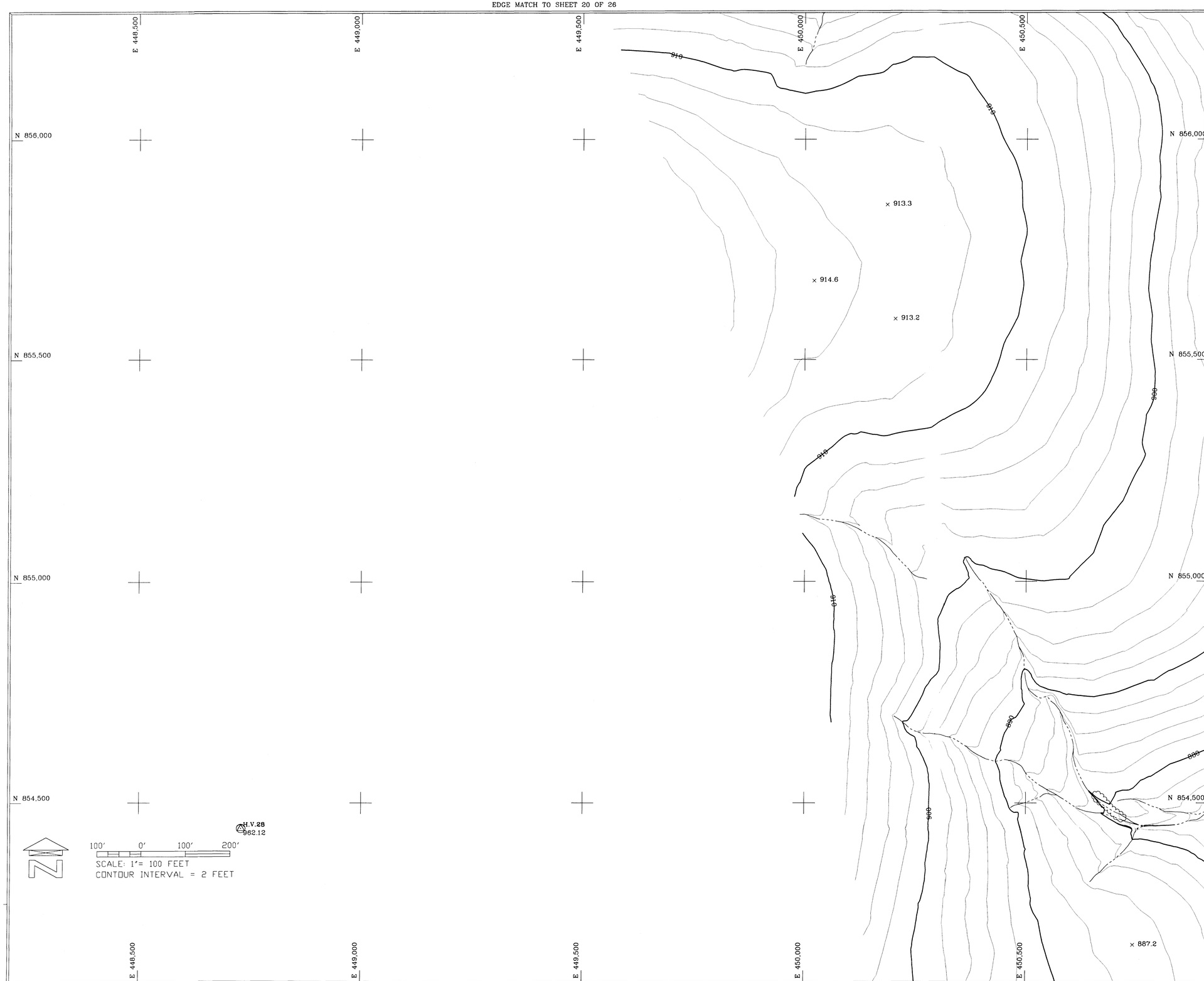
SHEET 21 OF 26

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 20 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION	
HV-28	962.12	448729.86	854439.28

NOTES

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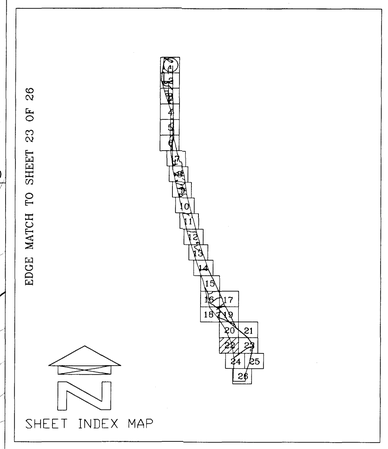

NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-9-01
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404
SHEET 22 OF 26

EDGE MATCH TO SHEET 24 OF 26

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COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

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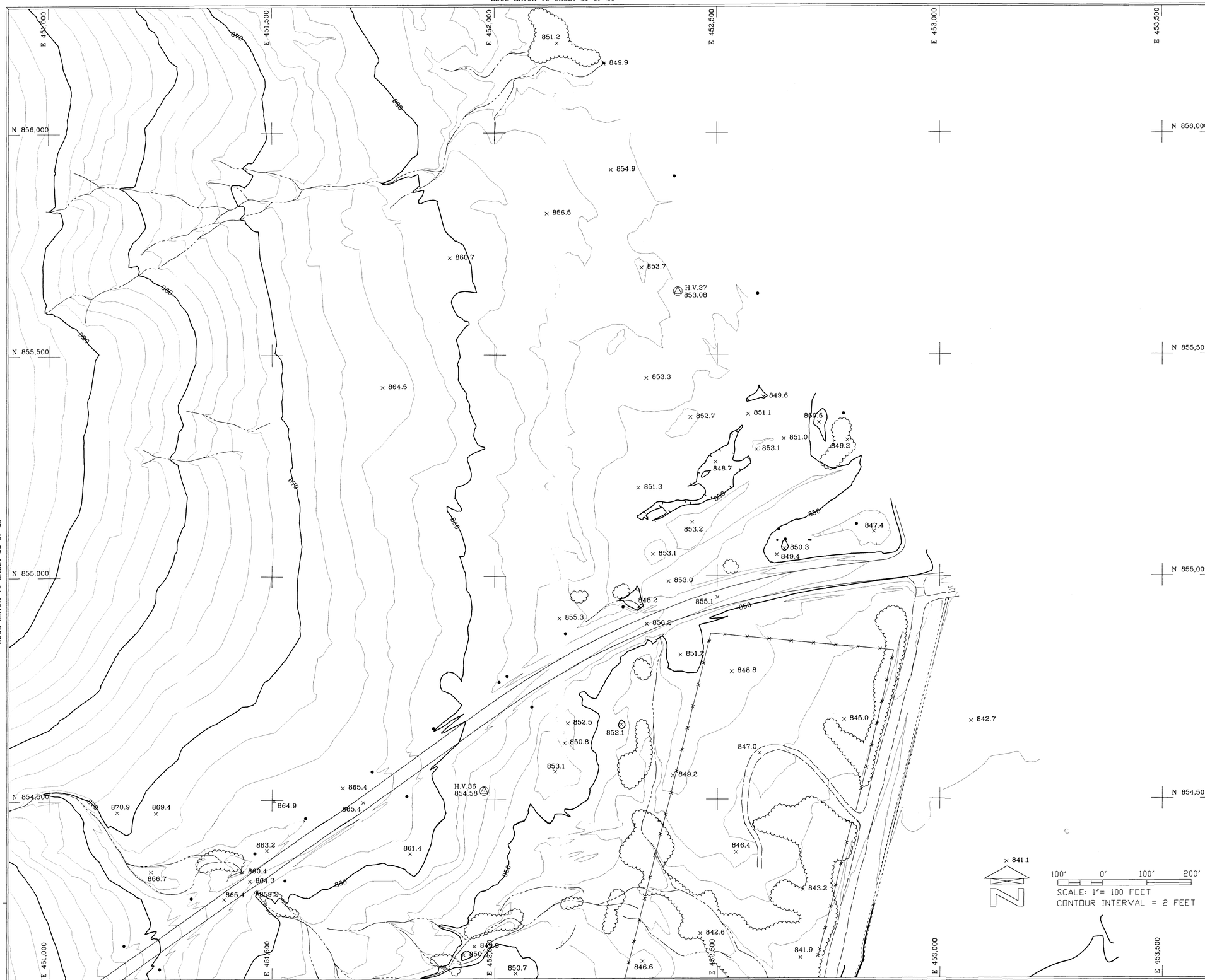
EDGE MATCH TO SHEET 21 OF 26

EDGE MATCH TO SHEET 22 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-27	853.08	452411.13 855642.08
HV-36	854.58	451975.55 854519.81

NOTES

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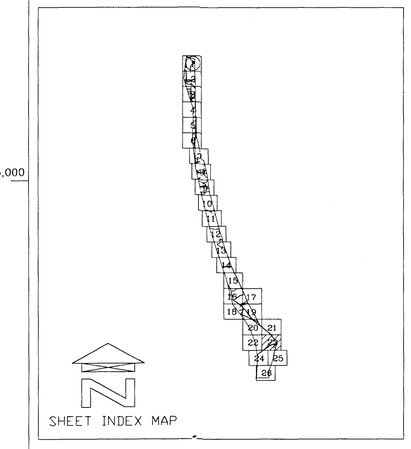

NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
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REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-3-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 23 OF 26

EDGE MATCH TO SHEET 24 & 25 OF 26

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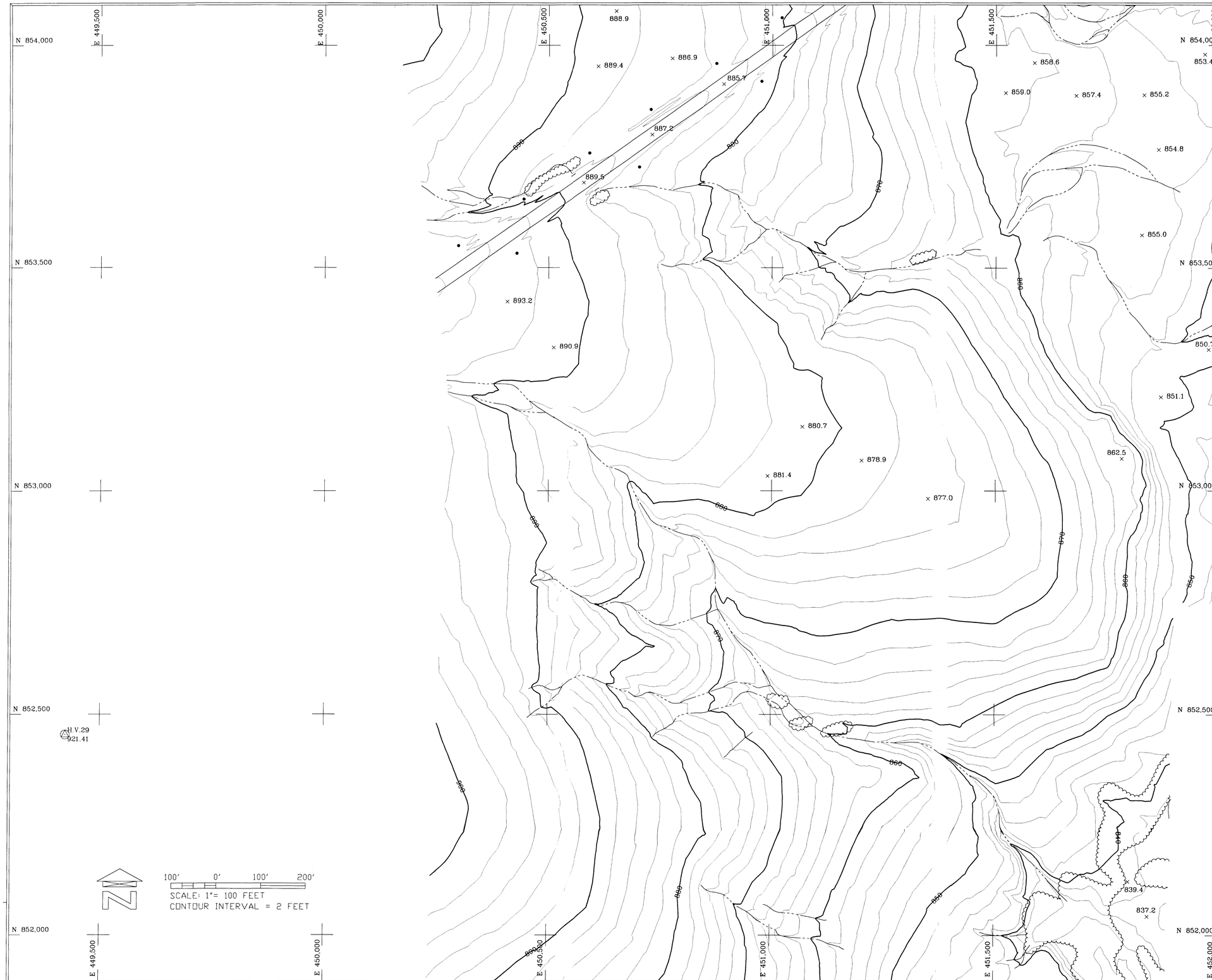
COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY THE A-TEAM.

EDGE MATCH TO SHEET 22 & 23 OF 26



EDGE MATCH TO SHEET 26 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
HV-29	921.41	449422.66 852454.06

NOTES

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EDGE MATCH TO SHEET 25 OF 26

SHEET INDEX MAP

NO.	REVISION	BY	DATE
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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

REGISTERED LAND SURVEYOR
CERTIFICATE NUMBER
29888
KIMBALL R. SIEGFRIED
Date signed 12-7-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 24 OF 26

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COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

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EDGE MATCH TO SHEET 23 OF 26

EDGE MATCH TO SHEET 24 OF 26

EDGE MATCH TO SHEET 26 OF 26

LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	
TREELINE		LIGHT POLE	

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

NOTES

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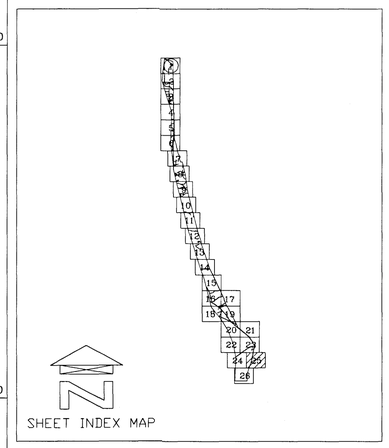

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LOWER HASSAYAMPA
WATERCOURSE MASTER PLAN
F.C.D. CONTRACT NO.
2001C019

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

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
29888
KIMBALL R.
SIEGFRIED
Date signed 12-3-04
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 25 OF 26

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COOPER AERIAL SURVEYS CO. JOB NO. 2690-032404

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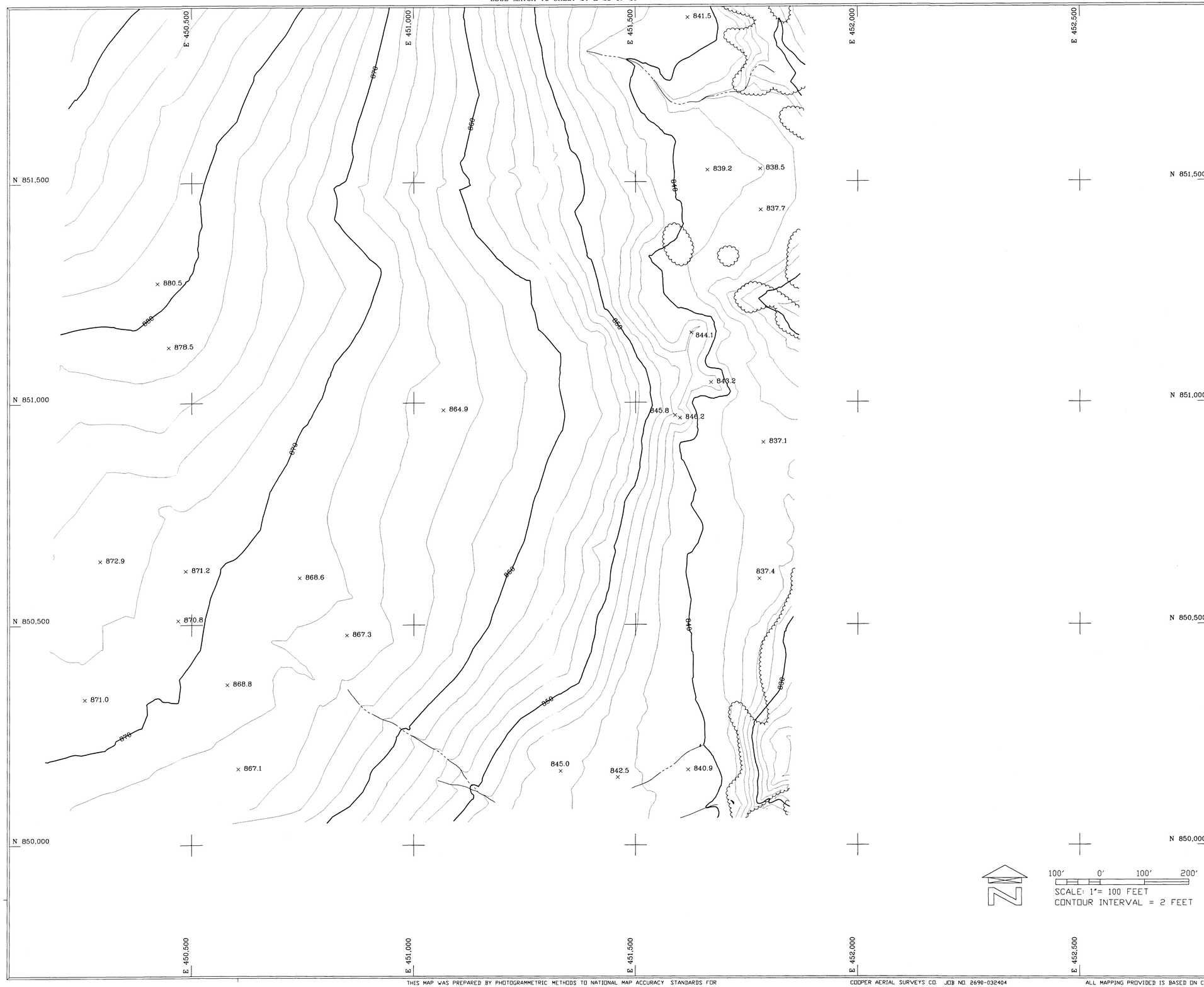
EDGE MATCH TO SHEET 24 & 25 OF 26



LEGEND

DRAIN		UNPAVED ROAD	
LEVEE		DEPRESSION CONTOUR	
FENCE		PIPELINE	
WALL		SAGUARO	
RETAINING WALL		CONTROL POINT	
GUARDRAIL		POWER POLE	●
TREELINE		LIGHT POLE	✳

GROUND CONTROL POINTS

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I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION

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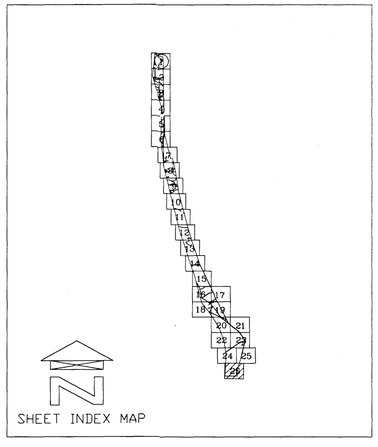

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100′ 0′ 100′ 200′
SCALE: 1"= 100 FEET
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COOPER AERIAL SURVEYS CO.
JOB NO. 2690-032404

SHEET 26 OF 26

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