

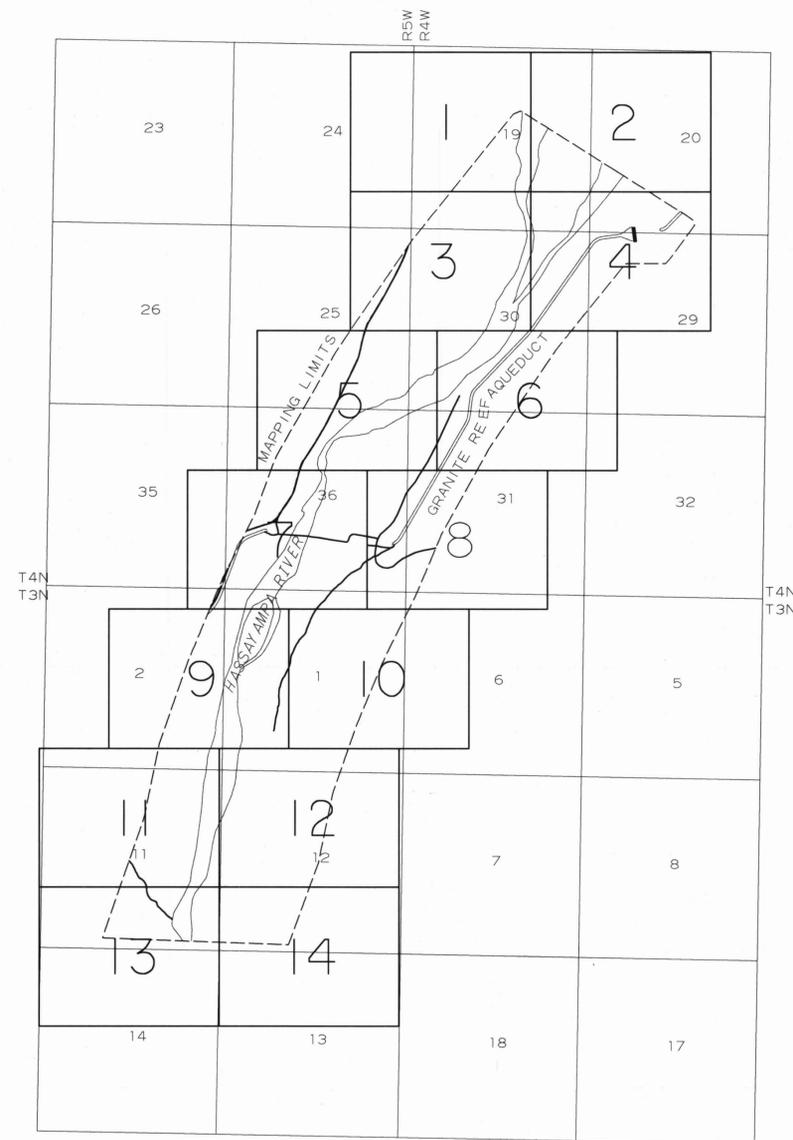
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

HASSAYAMPA RIVER MAPPING EXTENSION

DRAINAGE STUDY OF

F.C.D. CONTRACT NO. 03-49

ASSIGNMENT NO. 1



CENTRAL FILES
DRAWER # 321



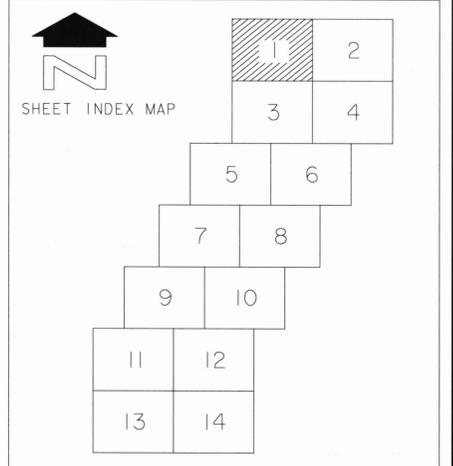
**WILSON
& COMPANY**



LEGEND

PAVED ROAD	=====
UNPAVED ROAD	-----
TRAIL	- - - - -
TREELINE	~~~~~
FENCE	-x-x-x-
BUILDING	▭
POLE	•
TREE	⊗
CACTUS	⊙
SIGN	⊥
POST	•
PICTURE CENTER	⊙ 2
LOCATED OBJECT	○
LOCATED OBJECT	◻
PHOTO CONTROL POINT	⊗
SPOT ELEVATION	X 621.6
INDEX CONTOUR	640
INTERMEDIATE CONTOUR	~~~~~
INDEFINITE CONTOUR	- - - - -
DEPRESSION CONTOUR	⊖

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



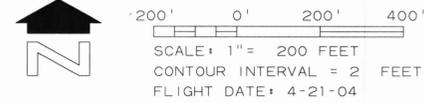
NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
HASSAYAMPA RIVER MAPPING			
EXTENSION DRAINAGE STUDY OF			
F.C.D. CONTRACT NO. 03-49			
ASSIGNMENT NO. 1			

WILSON & COMPANY

REGISTERED LAND SURVEYOR
 19619 RONALD L. DRAKE
 8-23-05
 ARIZONA, U.S.A.

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	JWS	8-23-05
PLANS CHK.	RRB	8-23-05

SHEET 1 OF 14





LEGEND

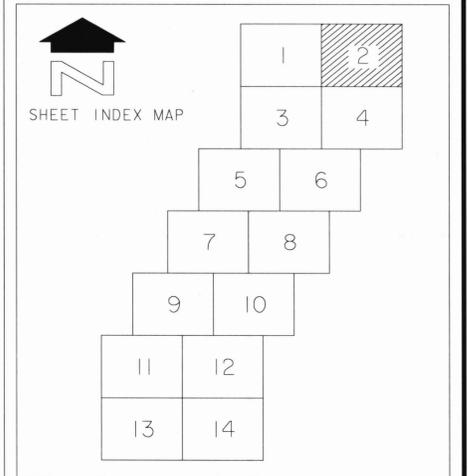
PAVED ROAD	
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TRAIL	
TREELINE	
FENCE	
BUILDING	
POLE	
TREE	
TREE	
CACTUS	
SIGN	
POST	
PICTURE CENTER	
LOCATED OBJECT	
LOCATED OBJECT	
LOCATED OBJECT	
PHOTO CONTROL POINT	
SPOT ELEVATION	
INDEX CONTOUR	
INTERMEDIATE CONTOUR	
INDEFINITE CONTOUR	
DEPRESSION CONTOUR	

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

PHOTO CONTROL POINT #501
 SET 5/8" REBAR W/CAP - FLUSH
 STAMPED #501
 E: 463733.32
 N: 974316.73
 Z: 1405.82

PHOTO CONTROL POINT #503
 SET 5/8" REBAR W/CAP - FLUSH
 STAMPED #503
 E: 462742.6
 N: 972944.92
 Z: 1396.95

PHOTO CONTROL POINT #502
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 STAMPED #502
 E: 466881.54
 N: 972702.18
 Z: 1540.60



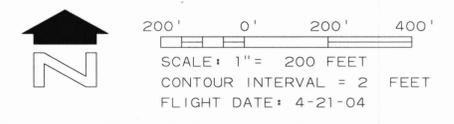
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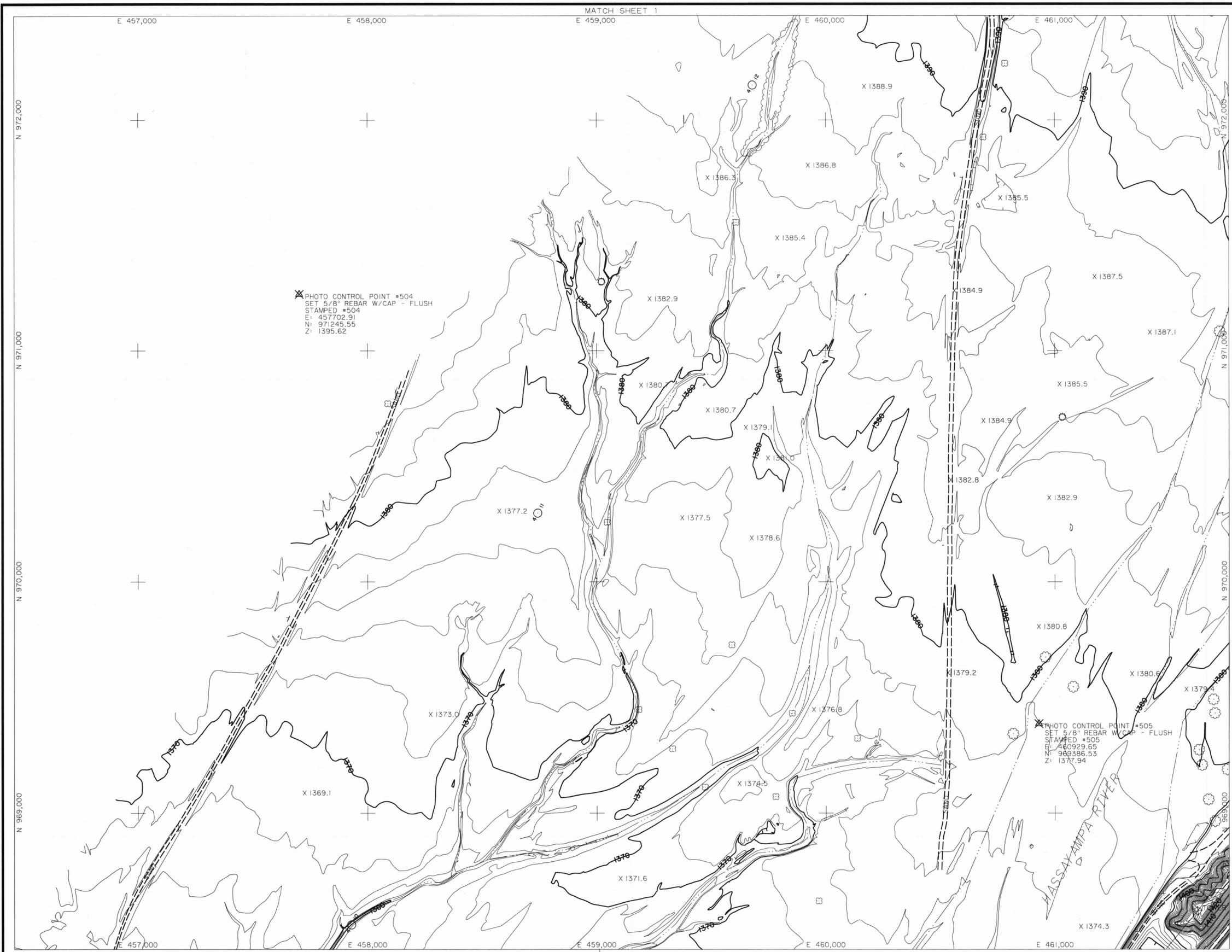
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
 HASSAYAMPA RIVER MAPPING
 EXTENSION DRAINAGE STUDY OF
 F.C.D. CONTRACT NO. 03-49
 ASSIGNMENT NO. 1



WILSON & COMPANY

BY	DATE
DESIGN	
DESIGN CHK.	
PLANS	JWS 8-23-05
PLANS CHK.	RRB 8-23-05

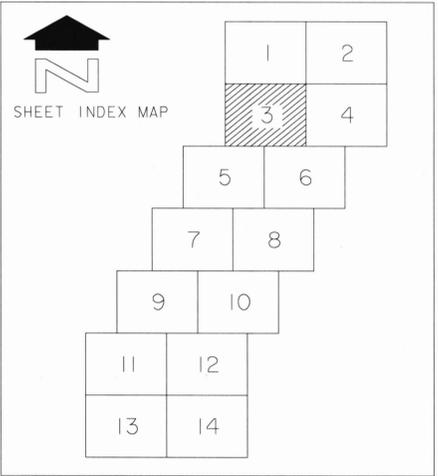




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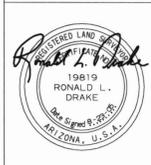
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- TRAIL
- TREELINE
- FENCE
- BUILDING
- POLE
- TREE
- TREE
- CACTUS
- SIGN
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- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
 HASSAYAMPA RIVER MAPPING
 EXTENSION DRAINAGE STUDY OF
 F.C.D. CONTRACT NO. 03-49
 ASSIGNMENT NO. 1



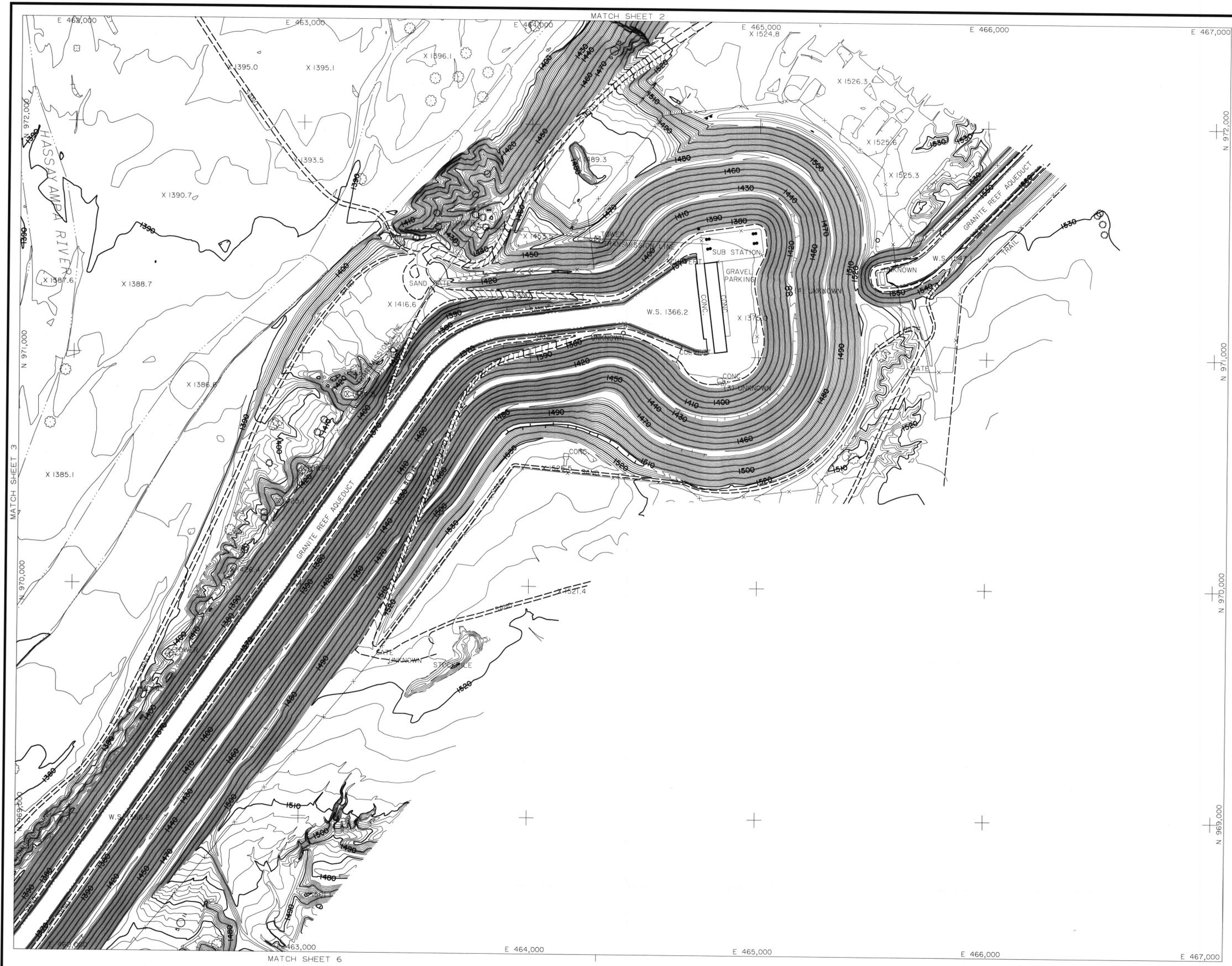
WILSON & COMPANY		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	JWS	8-23-05	
PLANS CHK.	RRB	8-23-05	

200' 0' 200' 400'
 SCALE: 1" = 200 FEET
 CONTOUR INTERVAL = 2 FEET
 FLIGHT DATE: 4-21-04

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

WILSON & COMPANY, INC.
 ENGINEERS & ARCHITECTS

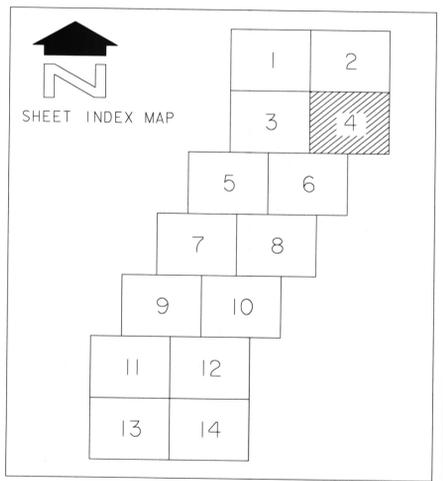
GROUND CONTROL SURVEY DATA
 PROVIDED BY WILSON & COMPANY



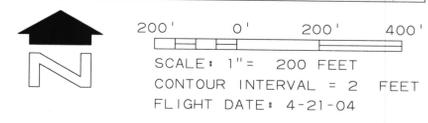
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- BUILDING
- POLE
- TREE
- TREE
- CACTUS
- SIGN
- POST
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
HASSAYAMPA RIVER MAPPING			
EXTENSION DRAINAGE STUDY OF			
F.C.D. CONTRACT NO. 03-49			
ASSIGNMENT NO. 1			



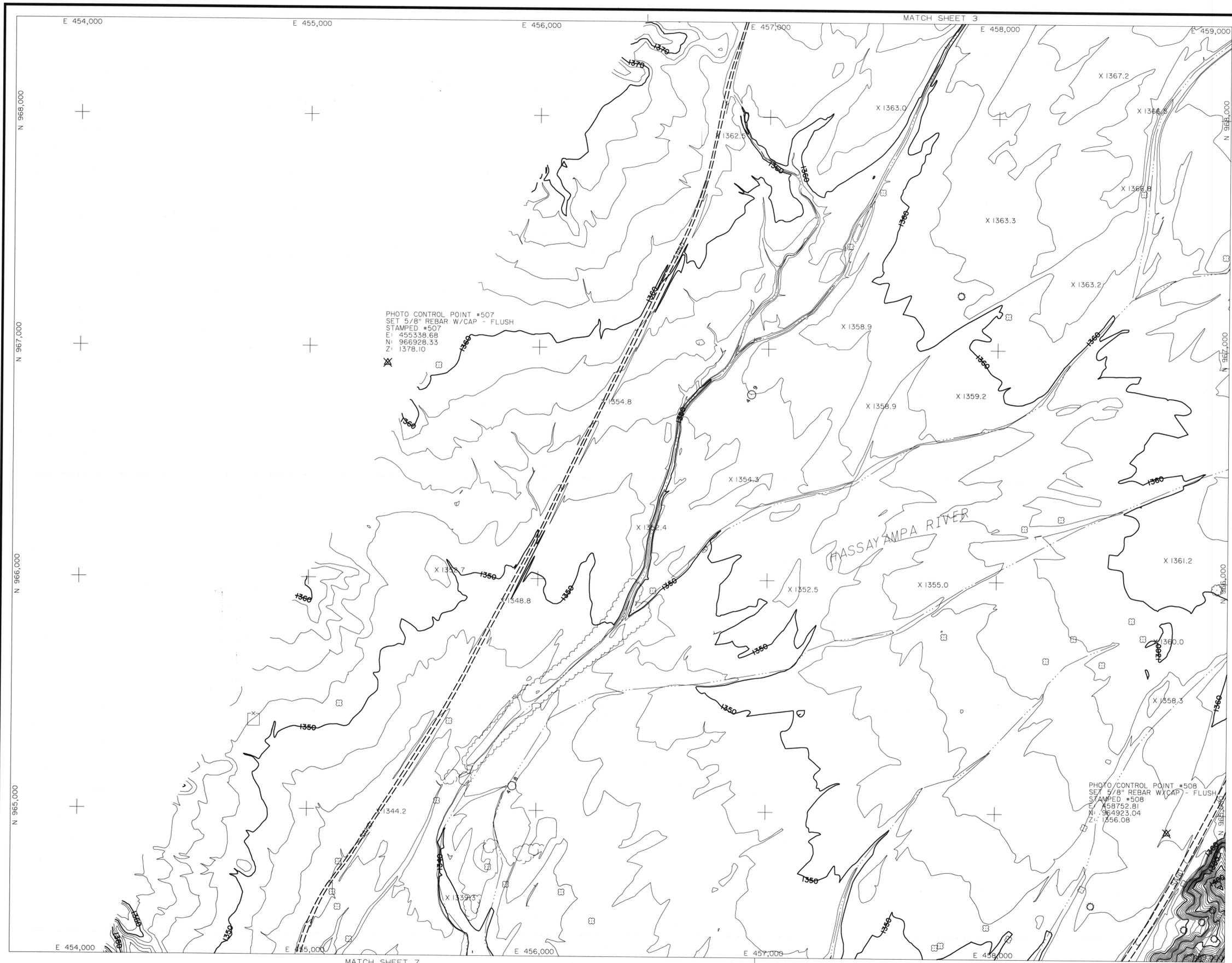
WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS	8-23-05
PLANS CHK.	RRB	8-23-05

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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

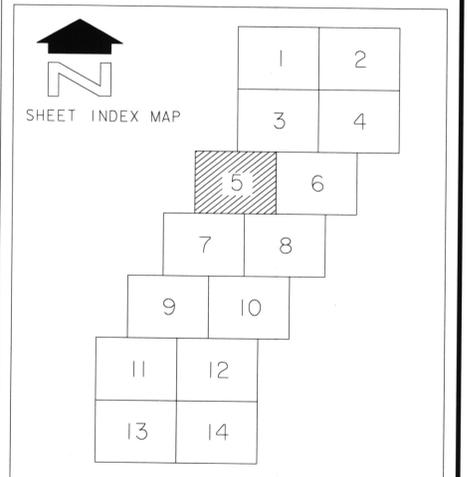


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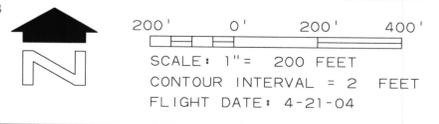
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- POLE
- TREE
- TREE
- CACTUS
- SIGN
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- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
HASSAYAMPA RIVER MAPPING			
EXTENSION DRAINAGE STUDY OF			
F.C.D. CONTRACT NO. 03-49			
ASSIGNMENT NO. 1			



WILSON & COMPANY		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	JWS		8-23-05
PLANS CHK.	RRB		8-23-05

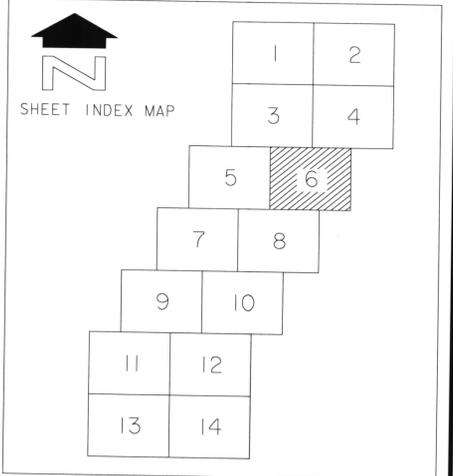


PHOTO CONTROL POINT #506
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 STAMPED #506
 E: 464288.05
 N: 967644.79
 Z: 1500.06

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- BUILDING
- POLE
- TREE
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- CACTUS
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- LOCATED OBJECT
- LOCATED OBJECT
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- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



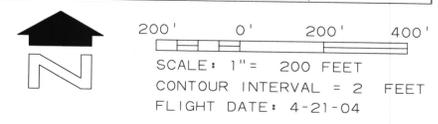
NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
 HASSAYAMPA RIVER MAPPING
 EXTENSION DRAINAGE STUDY OF
 F.C.D. CONTRACT NO. 03-49
 ASSIGNMENT NO. 1



WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS	8-23-05
PLANS CHK.	RRB	8-23-05



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

WILSON & COMPANY, INC.
 ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY



PHOTO CONTROL POINT #510
 SET 5/8" REBAR W/CAP - FLUSH
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 E: 453225.46
 N: 962537.76
 Z: 1378.29

PHOTO CONTROL POINT #511
 SET 5/8" REBAR W/CAP - FLUSH
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 E: 456557.82
 N: 960797.24
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LEGEND

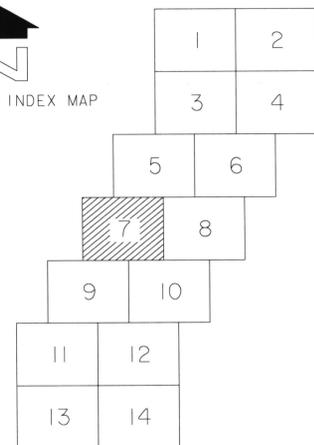
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- BUILDING
- POLE
- TREE
- TREE
- CACTUS
- SIGN
- POST
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



SHEET INDEX MAP



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

HASSAYAMPA RIVER MAPPING

EXTENSION DRAINAGE STUDY OF

F.C.D. CONTRACT NO. 03-49

ASSIGNMENT NO. 1



WILSON & COMPANY

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS	JWS	8-23-05
PLANS CHK.	RRB	8-23-05

SHEET 7 OF 14

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

WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA PROVIDED BY WILSON & COMPANY

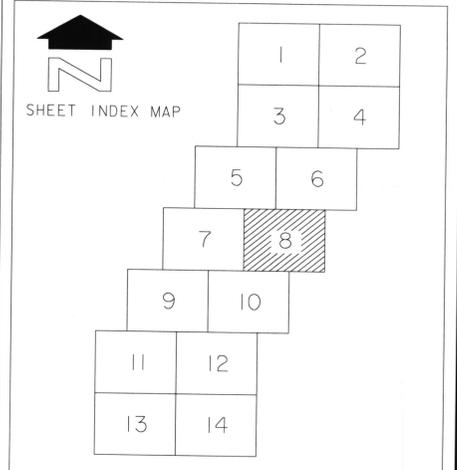


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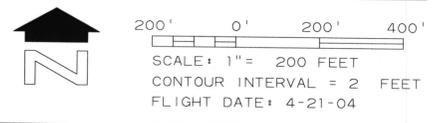
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- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- BUILDING
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- CACTUS
- SIGN
- POST
- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

PHOTO CONTROL POINT #509
 SET 5/8" REBAR W/CAP - FLUSH
 STAMPED #509
 E: 462233.54
 N: 963254.43
 Z: 1466.39

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
HASSAYAMPA RIVER MAPPING			
EXTENSION DRAINAGE STUDY OF			
F.C.D. CONTRACT NO. 03-49			
ASSIGNMENT NO. 1			



WILSON & COMPANY

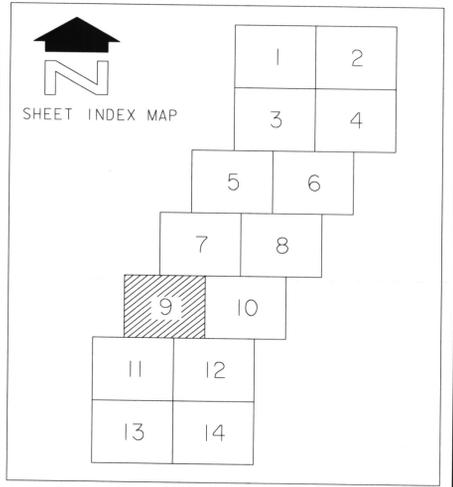
DESIGN	BY	DATE
DESIGN CHK.		
PLANS	JWS	8-23-05
PLANS CHK.	RRB	8-23-05



LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- BUILDING
- POLE
- TREE
- TREE
- CACTUS
- SIGN
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- LOCATED OBJECT
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- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

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 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

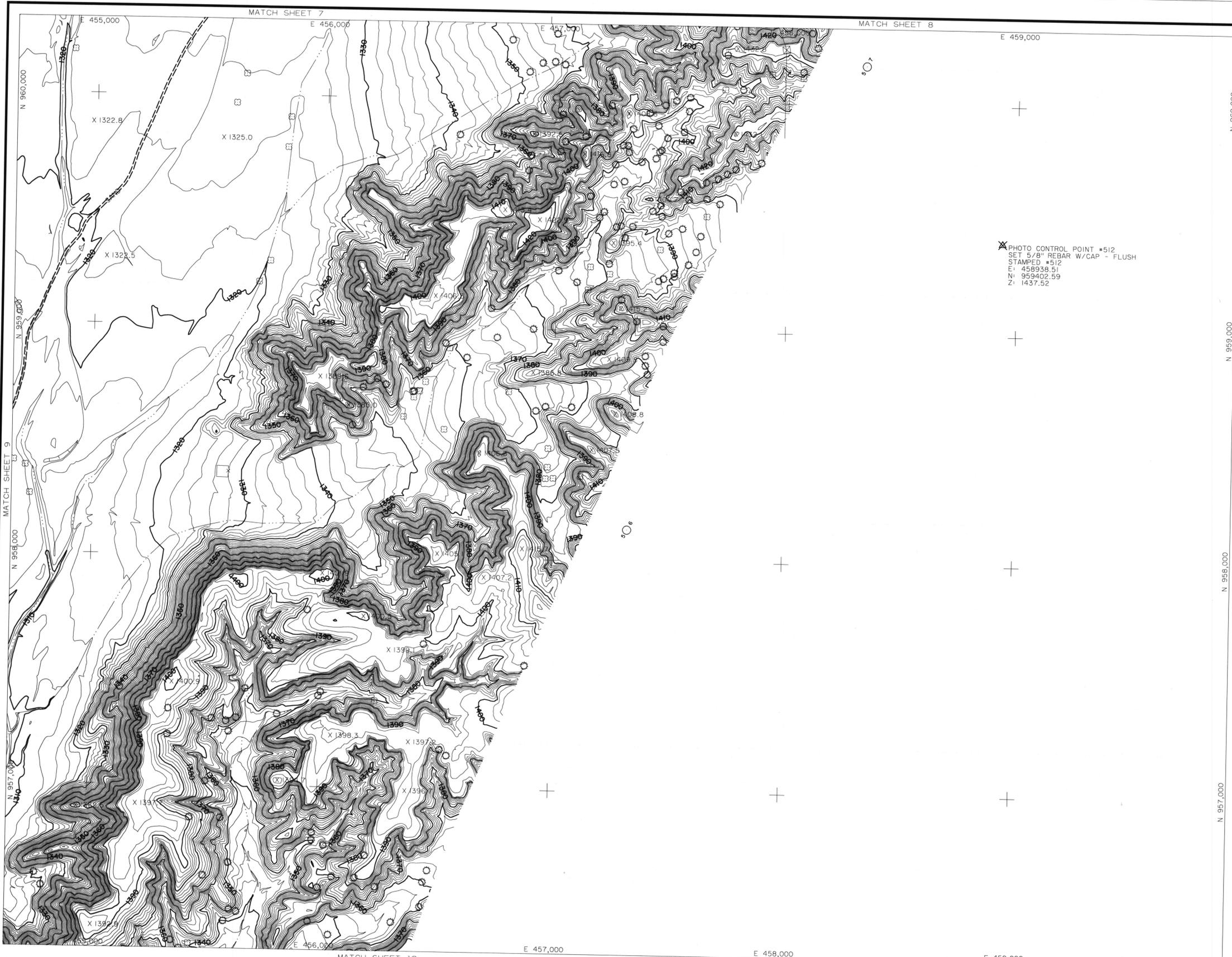


NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
HASSAYAMPA RIVER MAPPING			
EXTENSION DRAINAGE STUDY OF F.C.D. CONTRACT NO. 03-49			
ASSIGNMENT NO. 1			

SCALE: 1" = 200 FEET
 CONTOUR INTERVAL = 2 FEET
 FLIGHT DATE: 4-21-04



WILSON & COMPANY		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	JWS		8-23-05
PLANS CHK.	RRB		8-23-05

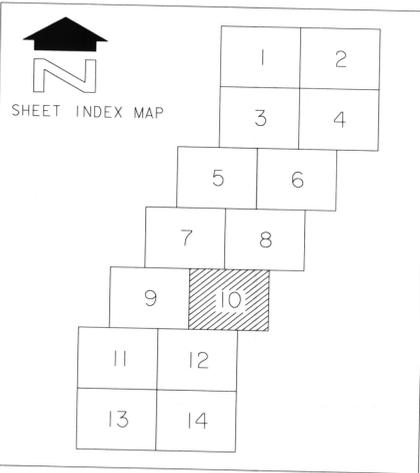


✕ PHOTO CONTROL POINT #512
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LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- BUILDING
- POLE
- TREE
- TREE
- CACTUS
- SIGN
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- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
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- DEPRESSION CONTOUR

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 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

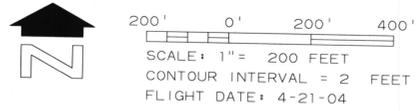


NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
 HASSAYAMPA RIVER MAPPING
 EXTENSION DRAINAGE STUDY OF
 F.C.D. CONTRACT NO. 03-49
 ASSIGNMENT NO. 1



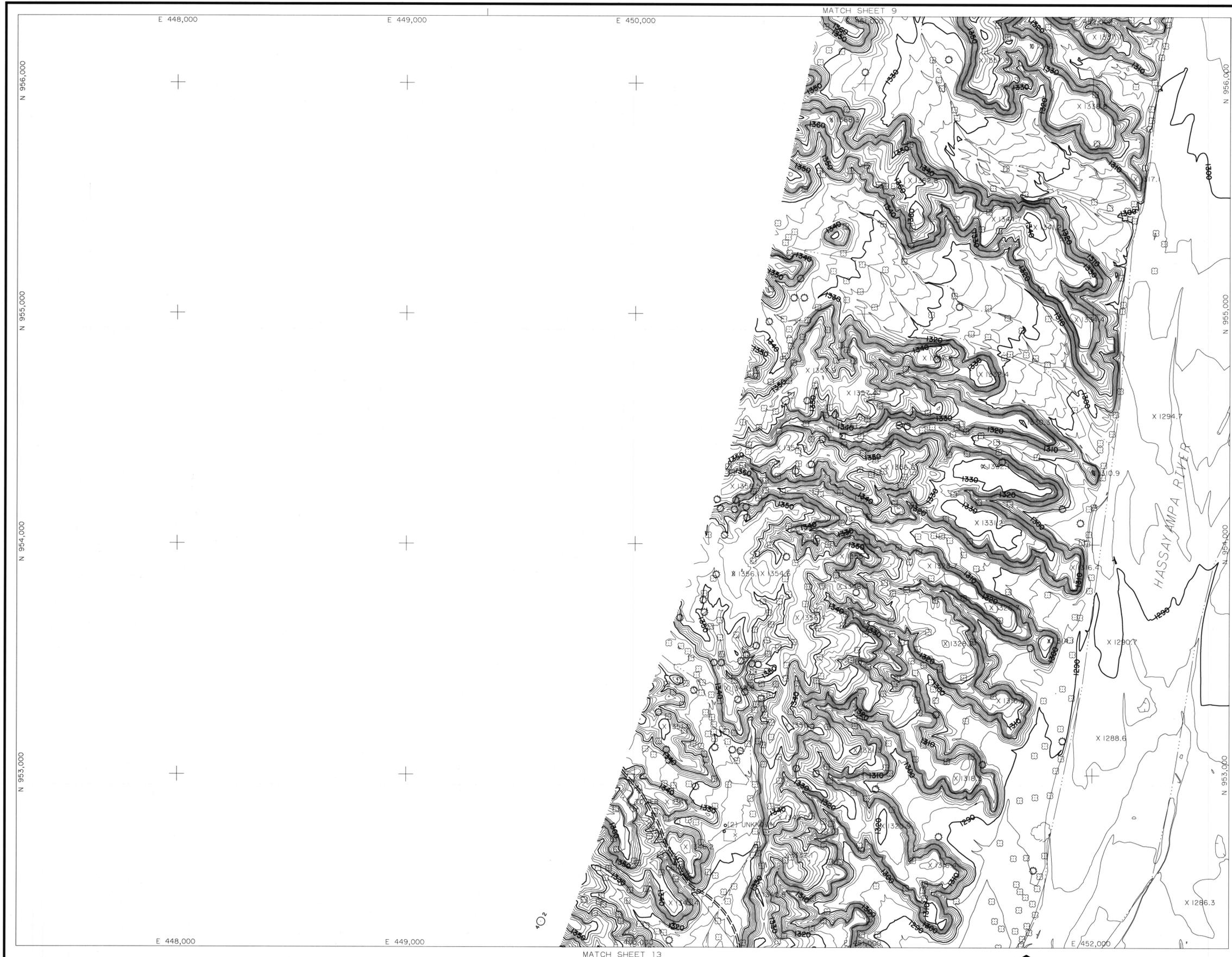
DESIGN	BY	DATE
DESIGN CHK.		
PLANS	JWS	8-23-05
PLANS CHK.	RRB	8-23-05



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

WILSON & COMPANY, INC.
ENGINEERS & ARCHITECTS

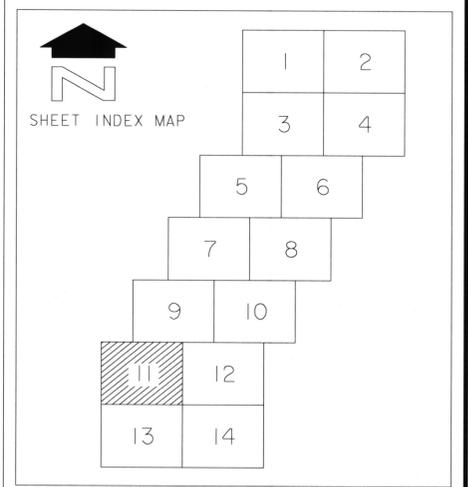
GROUND CONTROL SURVEY DATA
PROVIDED BY WILSON & COMPANY



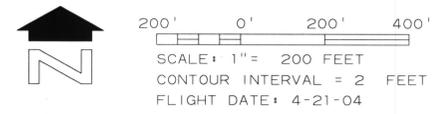
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
- BUILDING
- POLE
- TREE
- TREE
- CACTUS
- SIGN
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- PICTURE CENTER
- LOCATED OBJECT
- LOCATED OBJECT
- LOCATED OBJECT
- PHOTO CONTROL POINT
- SPOT ELEVATION
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
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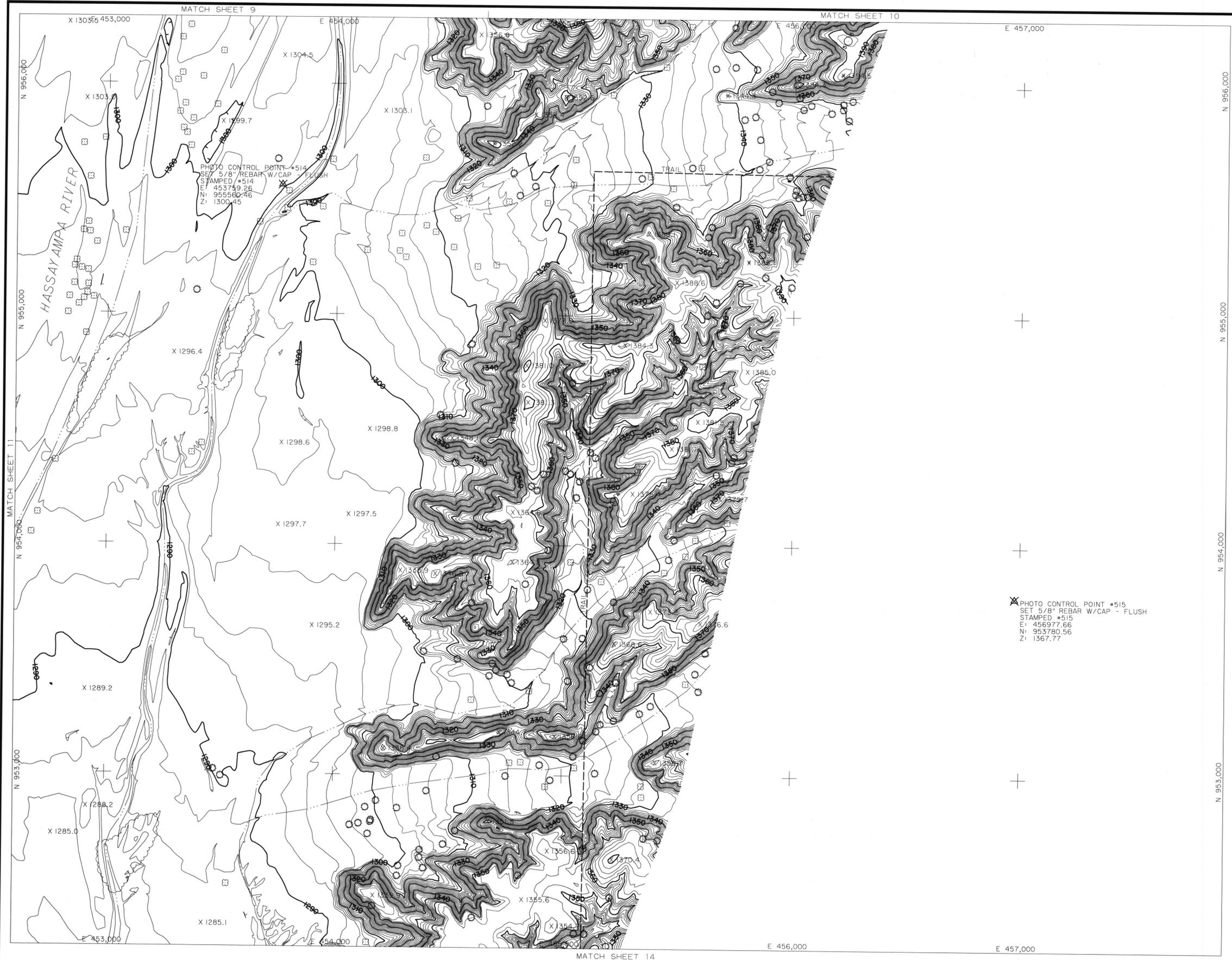


NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
HASSAYAMPA RIVER MAPPING			
EXTENSION DRAINAGE STUDY OF			
F.C.D. CONTRACT NO. 03-49			
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WILSON & COMPANY

DESIGN	BY	DATE
DESIGN CHK.		
PLANS	JWS	8-23-05
PLANS CHK.	RRB	8-23-05

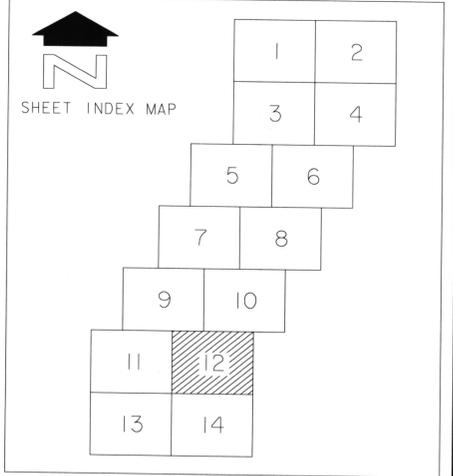


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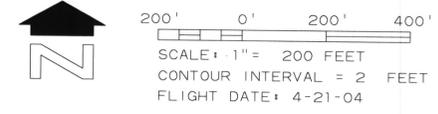
- PAVED ROAD
- UNPAVED ROAD
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- CACTUS
- SIGN
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 HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.

X PHOTO CONTROL POINT #515
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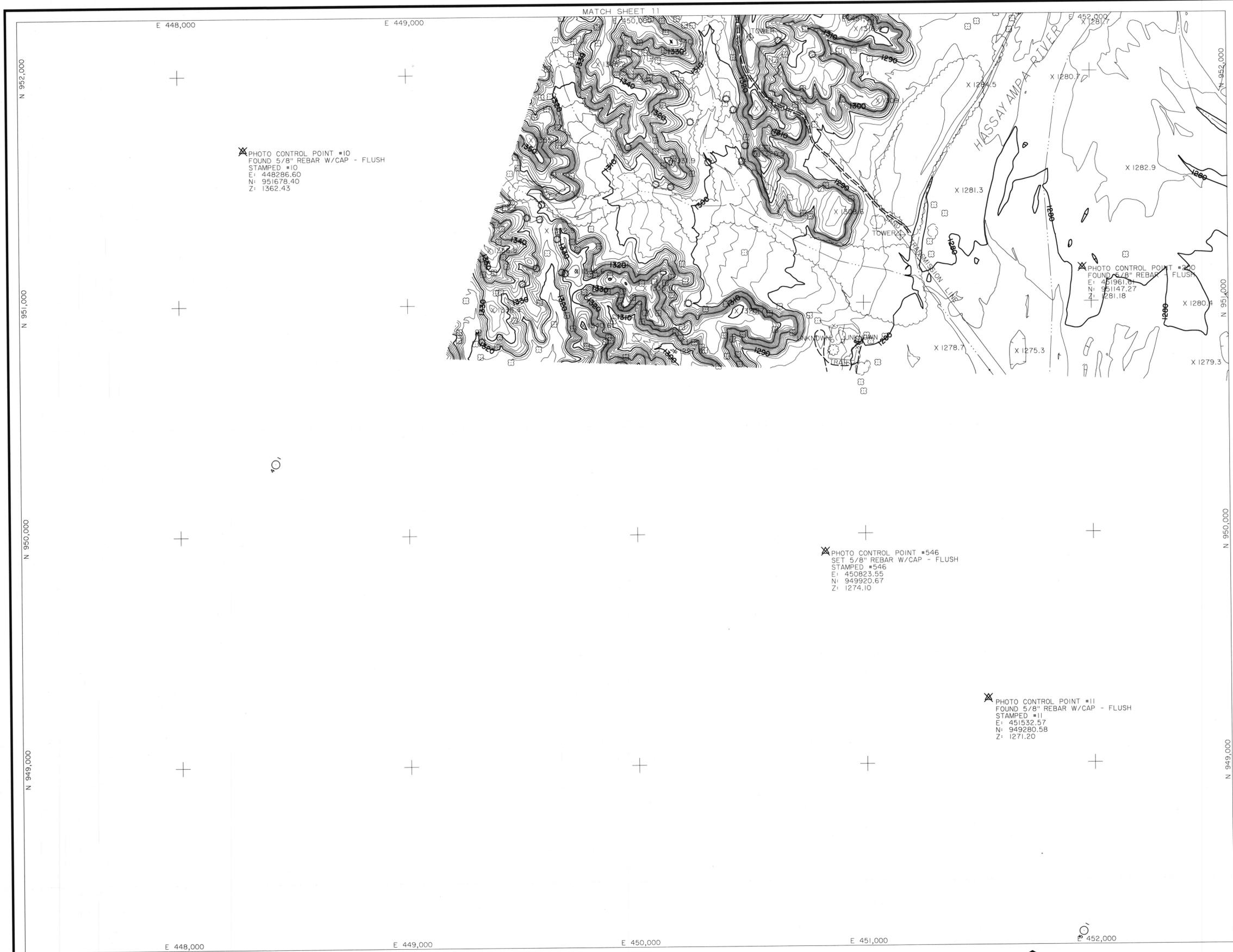
NO.	REVISION	BY	DATE
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY			
HASSAYAMPA RIVER MAPPING			
EXTENSION DRAINAGE STUDY OF			
F.C.D. CONTRACT NO. 03-49			
ASSIGNMENT NO. 1			
WILSON & COMPANY		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	JWS		8-23-05
PLANS CHK.	RRB		8-23-05



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WILSON & COMPANY, INC.
 ENGINEERS & ARCHITECTS

GROUND CONTROL SURVEY DATA
 PROVIDED BY WILSON & COMPANY

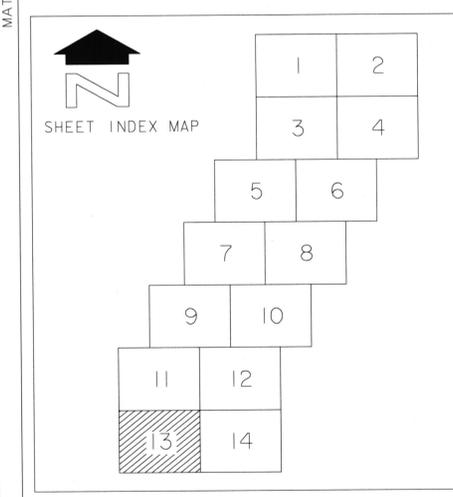


LEGEND

- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- TREELINE
- FENCE
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- POLE
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- TREE
- CACTUS
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- INTERMEDIATE CONTOUR
- INDEFINITE CONTOUR
- DEPRESSION CONTOUR

NOTE: ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL COORDINATES BASED ON ARIZONA STATE PLANE CENTRAL ZONE NORTH AMERICAN DATUM 1983 INTERNATIONAL FEET.



NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
 HASSAYAMPA RIVER MAPPING
 EXTENSION DRAINAGE STUDY OF
 F.C.D. CONTRACT NO. 03-49
 ASSIGNMENT NO. 1



WILSON & COMPANY		BY	DATE
DESIGN			
DESIGN CHK.			
PLANS	JWS		8-23-05
PLANS CHK.	RRB		8-23-05

