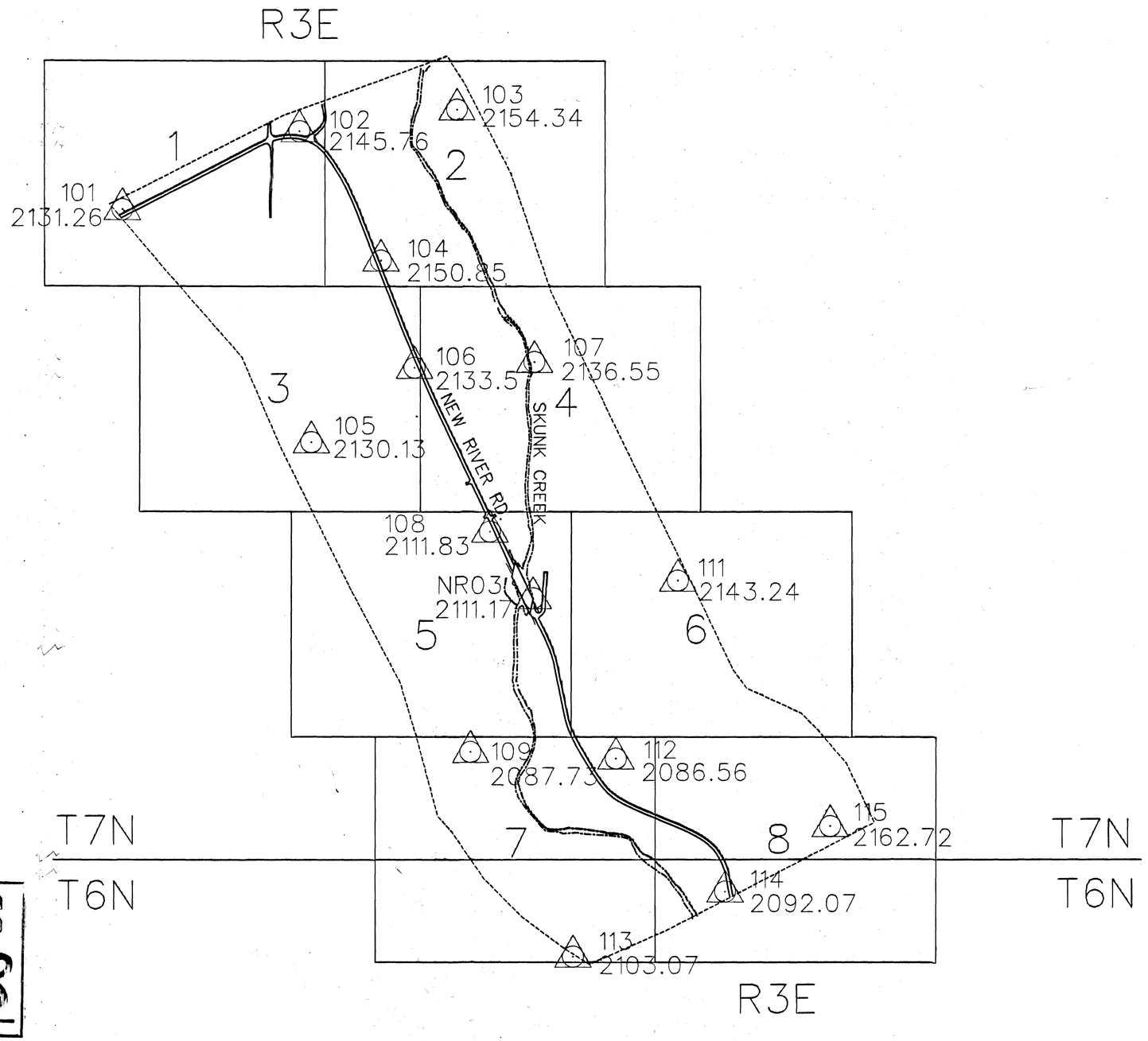


NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLAN - CENTRAL ZONE
NAVD88
ALL DATE - INTERNATION FEET

I.D. NUMBER	EASTING	NORTHING	ELEVATION
1NF2	652528.17	1066007.682	2278.91
NR03	649359.498	1057533.305	2111.17

PHOTOGRAMMETRIC CONTROL POINTS

I.D. NUMBER	EASTING	NORTHING	ELEVATION
101	645695.247	1060982.882	2131.26
102	647272.584	1061677.853	2145.76
103	648677.197	1061871.611	2154.34
104	647998.431	1060530.612	2150.85
105	647377.605	1058916.844	2130.13
106	648297.862	1059579.291	2133.57
107	649370.213	1059630.405	2136.55
108	648974.441	1058124.789	2111.83
109	648801.798	1056168.597	2087.73
111	650649.789	1057690.294	2143.24
112	650098.761	1056110.19	2086.56
113	649718.703	1054351.159	2103.07
114	651072.936	1054930.589	2092.07
115	652009.642	1055510.76	2162.72

500 0' 500 1000
SCALE: 1"= 500 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD
SKUNK CREEK
FLOODPLAIN DELINEATION STUDY
CONTRACT NO.
FCD 2000C035

DTM INC.
4400 E BROADWAY BLVD.
TUCSON, AZ. 85711

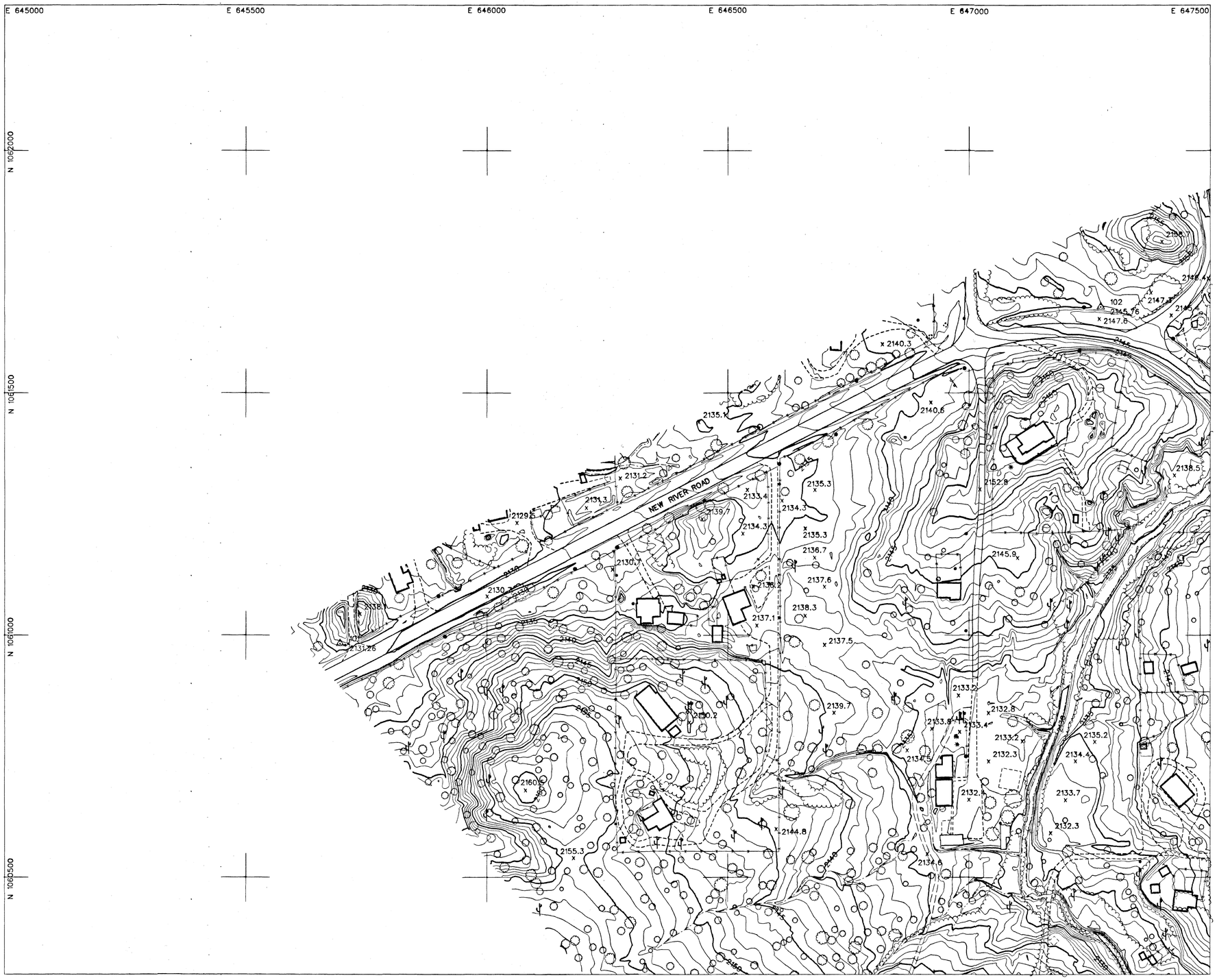
	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

CENTRAL FILES
DRAWER # 308

New River Road / Skunk Creek FDS
DTM for FCD
2001
FCD 2000C035 Drawer 308

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA
PROVIDED BY: DATABASED TERRAIN MAPPING, INC.



LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
POND
CANAL
TRANSMISSION TOWERS
BUILDINGS
FENCES
WALLS

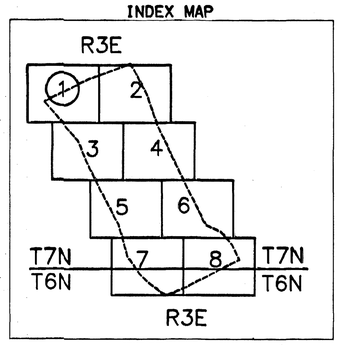
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE - CENTRAL ZONE
NAVD88
ALL DATA - INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
1NF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
101	645695.247	1060982.882	2131.26
102	647272.584	1061677.853	2145.76

INDEX MAP



100 0' 100 200
SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD SKUNK CREEK

CONTRACT NO.
FCD 2000C035

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SHEET 1 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E

E 647500 E 648000 E 648500 E 649000 E 649500 E 650000

N 1062000 N 1061500 N 1061000 N 1060500

NEW RIVER ROAD

SKUNK CREEK

LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
POND
CANAL
TRANSMISSION TOWERS
BUILDINGS
FENCES
WALLS

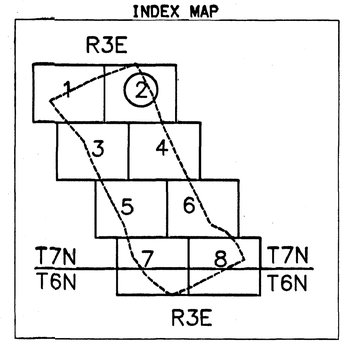
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE - CENTRAL ZONE
NAVD88
ALL DATA - INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
1NF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
103	648677.197	1061871.611	2154.34
104	647998.431	1060530.612	2150.85

INDEX MAP



100 0' 100 200
SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD
SKUNK CREEK

CONTRACT NO.
FCD 2000C035

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

REGISTERED LAND SURVEYOR 25401 LEE MARBLE 12-31-03 ARIZONA U.S.A.

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

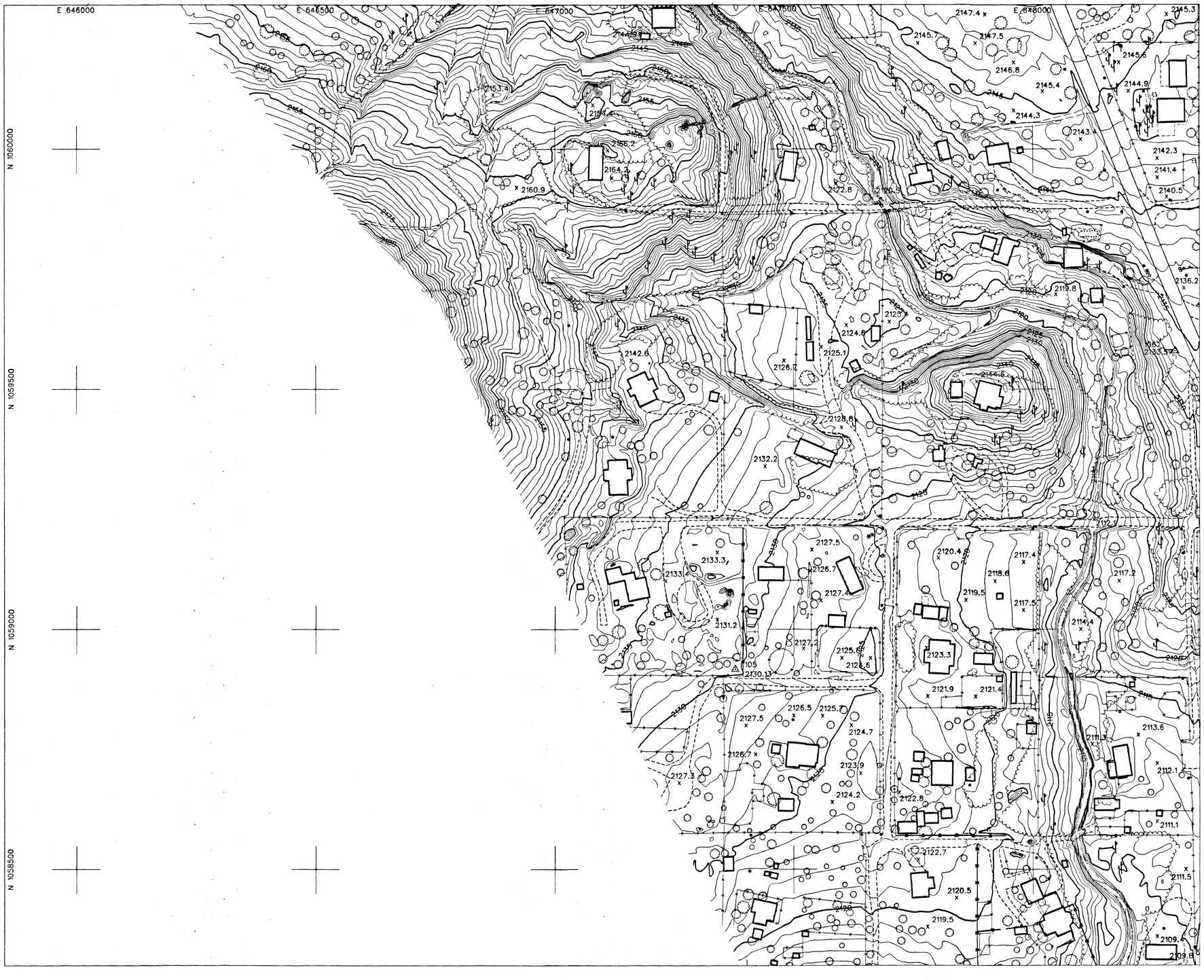
SHEET 2 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E



LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
POND
CANAL
TRANSMISSION TOWERS
BUILDINGS
FENCES
WALLS

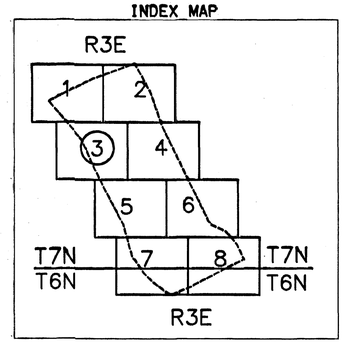
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE - CENTRAL ZONE
NAVD88
ALL DATA - INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
INF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
105	647377.605	1058916.844	2130.13
106	648297.862	1059579.291	2133.57

INDEX MAP



100 0' 100 200
SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD SKUNK CREEK

CONTRACT NO.
FCD 2000C035

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

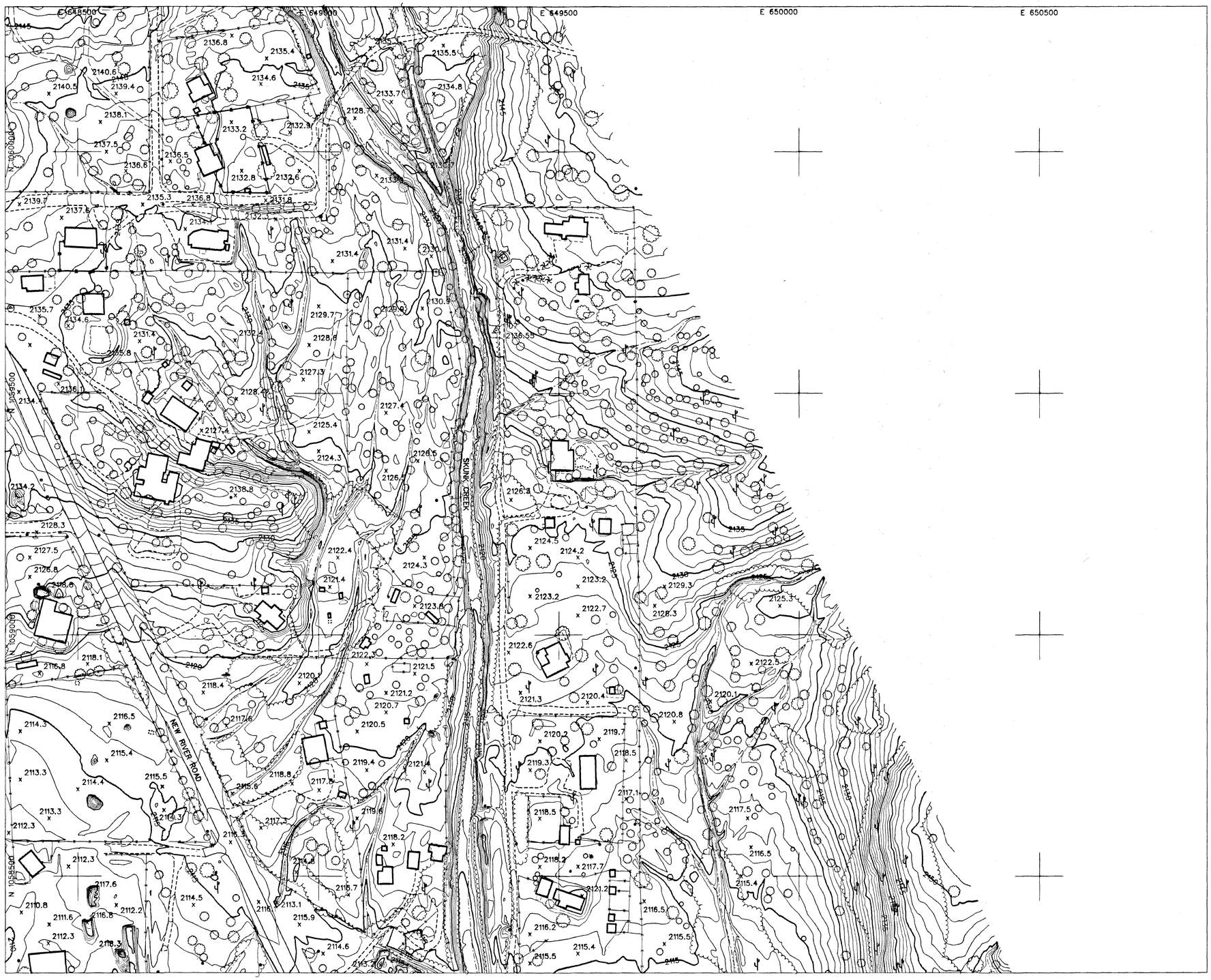
SHEET 3 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E



LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
POND
CANAL
TRANSMISSION TOWERS
BUILDINGS
FENCES
WALLS

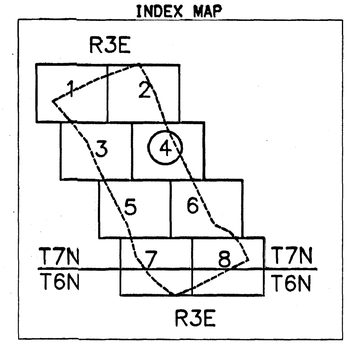
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE - CENTRAL ZONE
NAVD88
ALL DATA - INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
INF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
107	649370.213	1059630.405	2136.55

INDEX MAP



100 0' 100 200
SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD
SKUNK CREEK

CONTRACT NO.
FCD 2000C035

REGISTERED LAND SURVEYOR CERTIFICATE NO. 20401 LEE HARRIMAN ARIZONA U.S.A.

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

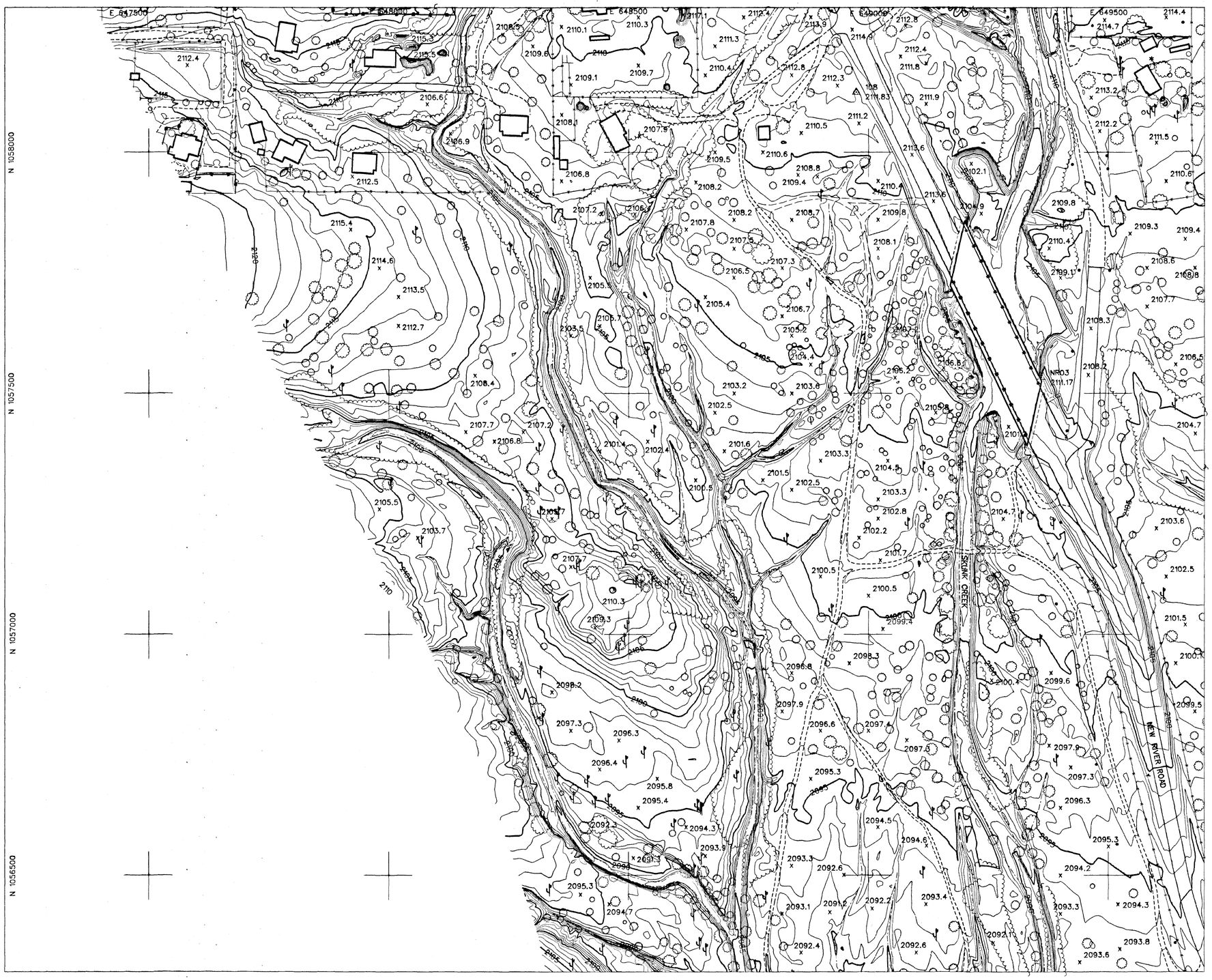
SHEET 4 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E



LEGEND

- ELEVATION REFERENCE MARK
- AERIAL CONTROL POINTS
- ROADS
- DIRT ROADS
- BRIDGE
- UTILITY POLES
- WASH
- RIVER
- POND
- CANAL
- TRANSMISSION TOWERS
- BUILDINGS
- FENCES
- WALLS

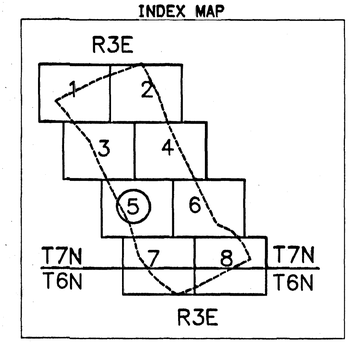
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE - CENTRAL ZONE
NAVD88
ALL DATA - INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
INF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
108	648874.441	1058124.789	2111.83
NR03	649359.498	1057533.305	2111.17

INDEX MAP



100 0' 100 200
SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD SKUNK CREEK

CONTRACT NO.
FCD 2000C035

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

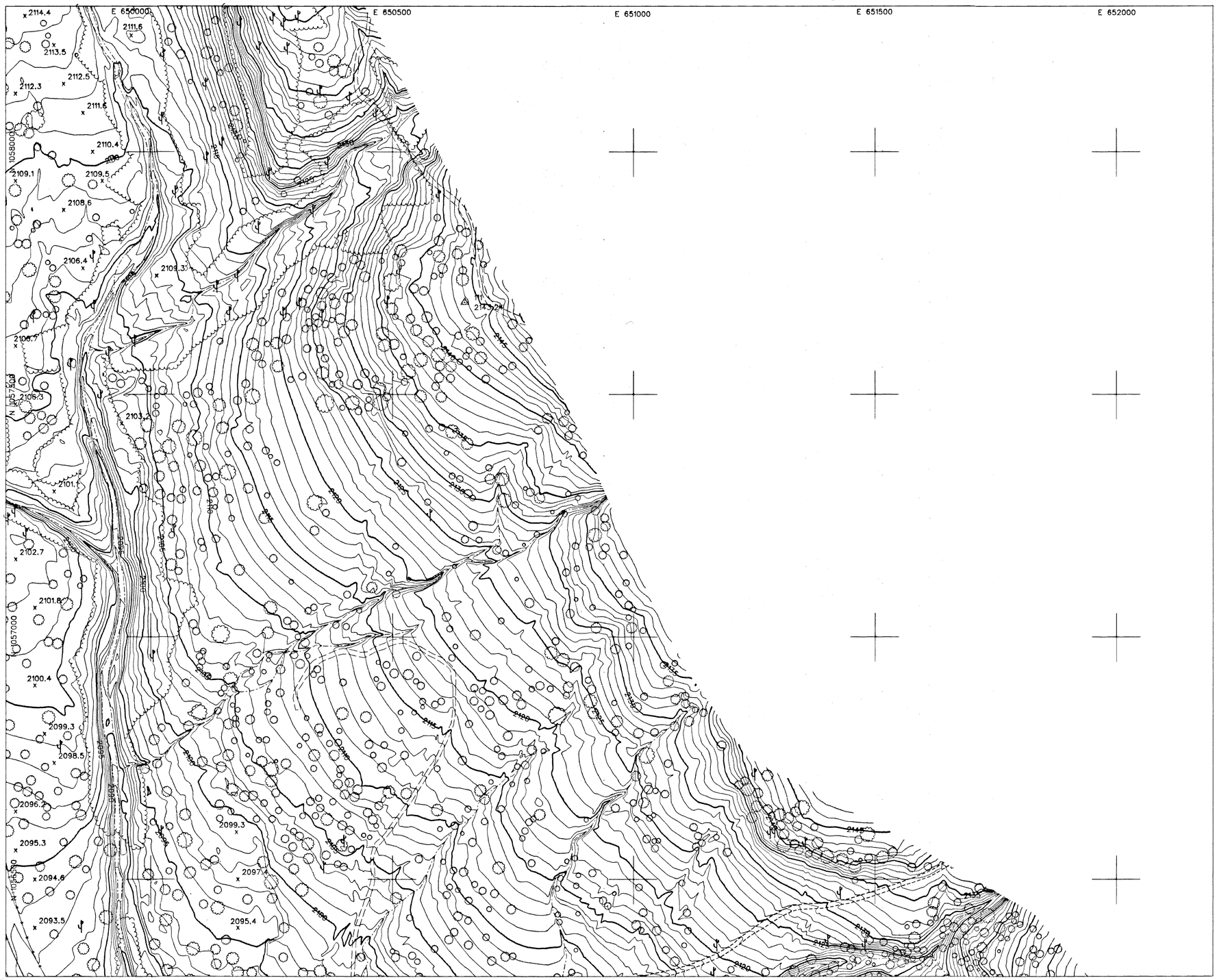
SHEET 5 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E



LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
POND
CANAL
TRANSMISSION TOWERS
BUILDINGS
FENCES
WALLS

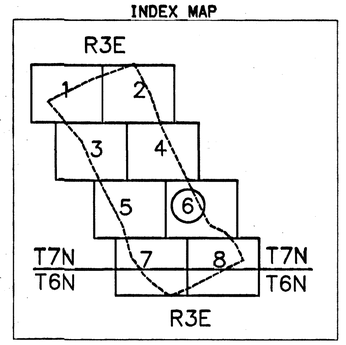
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE - CENTRAL ZONE
NAVD88
ALL DATA - INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
1NF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
111	650649.789	1057690.294	2143.24

INDEX MAP



100 0' 100 200
SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD SKUNK CREEK

CONTRACT NO.
FCD 2000C035

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SHEET 6 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E

LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
POND
CANAL
TRANSMISSION TOWERS
BUILDINGS
FENCES
WALLS

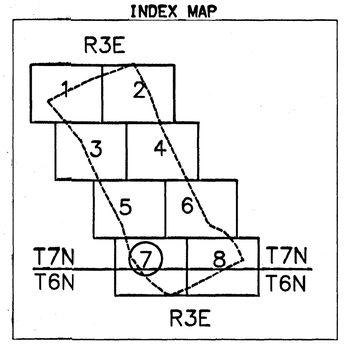
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE - CENTRAL ZONE
NAVD88
ALL DATA - INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
1NF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
109	648801.798	1056168.597	2087.73
112	650098.761	1056110.190	2086.56
113	649718.703	1054351.159	2103.07

INDEX MAP



100 0' 100 200
SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD SKUNK CREEK

CONTRACT NO.
FCD 2000C035

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 26401
LEE MARBERG
Date Signed 12-18-01
ARIZONA U.S.A.

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SHEET 7 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E

LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
POND
CANAL
TRANSMISSION TOWERS
BUILDINGS
FENCES
WALLS

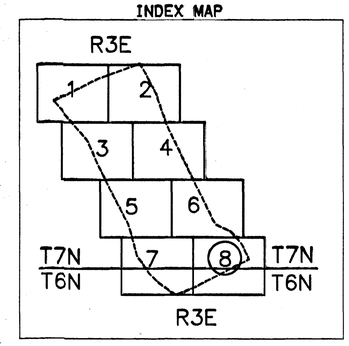
NOTE: PRIMARY CONTROL BASED ON MCDOT GDACS POINTS
NAD83 ARIZONA STATE PLANE – CENTRAL ZONE
NAVD88
ALL DATA – INTERNATIONAL FEET

I.D. NUMBER	ELEVATION	DESCRIPTION/LOCATION
1NF2	2278.91	MCDOT BRONZE DISC
NR03	2117.17	MCDOT BRONZE DISC @ SOUTHEAST CORNER NEW RIVER ROAD BRIDGE @ SKUNK CREEK

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
114	651072.936	1054930.589	2092.07
115	652009.642	1055510.760	2162.72

INDEX MAP



SCALE: 1"= 100 FEET
CONTOUR INTERVAL = 1 FEET
FLIGHT DATE: 11-17-2001

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

NEW RIVER ROAD
SKUNK CREEK

CONTRACT NO.
FCD 2000C035

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 29401 — LEE HARRIS — ARIZONA U.S.A.

DTM INC.
4400 EAST BROADWAY BLVD.
SUITE 508
TUCSON, AZ. 85711

	BY	DATE
DESIGN		
DESIGN CHK.		
PLANS		
PLANS CHK.		

SHEET 8 OF 8

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS.

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

GROUND CONTROL SURVEY DATA PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

T6 & 7N, R3E