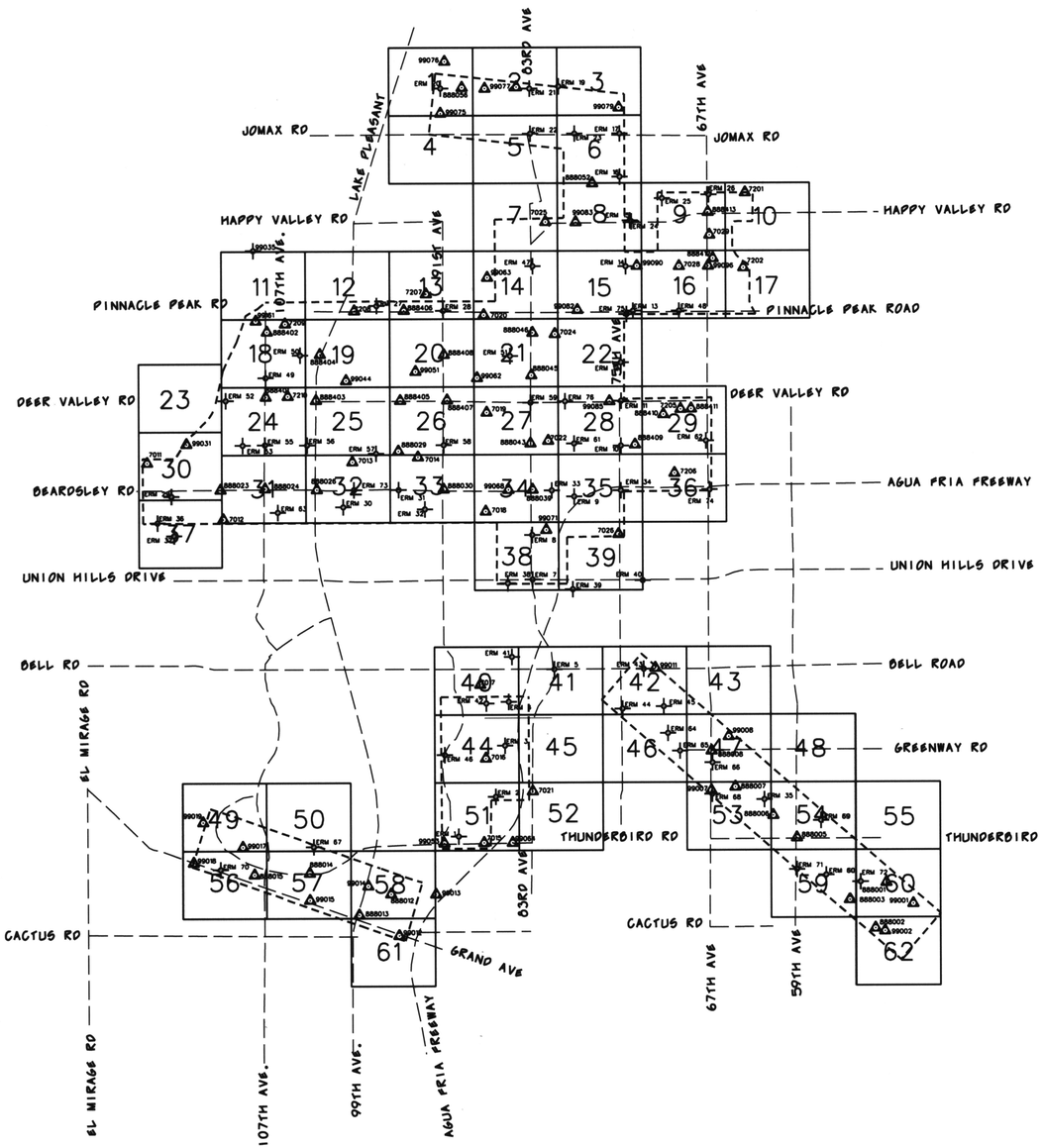


NTS

LEGEND

ERM

AERIAL CONTROL POINTS

STREETS — Jomax Rd

MAPPING BOUNDARY

SHEETS 1

CONTROL POINTS

I.D. NUMBER	ELEVATION (FT)	I.D. NUMBER	ELEVATION (FT)
99001	1229.48	7205	1287.07
99002	1221.3	7206	1259.31
99007	1217.54	7207	1321.27
99008	1223.59	7208	1311.13
99011	1219.28	7209	1267.51
99012	1138.36	7210	1265.96
99013	1140.45	ERM 1	1158.24
99014	1142.83	ERM 2	1167.04
99015	1143.63	ERM 3	1176.08
99017	1150.32	ERM 4	1187.9
99018	1135.01	ERM 5	1202.16
99019	1157.45	ERM 7	1228.43
99031	1193.8	ERM 8	1243.04
99044	1285.74	ERM 9	1254.71
99051	1291.09	ERM 10	1269.56
99161	1257.89	ERM 11	1282.71
99062	1286.1	ERM 12	1292.23
99063	1333.7	ERM 13	1308.21
99064	1163.01	ERM 14	1324.91
99068	1252.54	ERM 15	1342.98
99071	1243.4	ERM 16	1352.51
99075	1405.18	ERM 17	1371.02
99076	1428.11	ERM 18	1120.71
99077	1426.09	ERM 19	1427
99079	1384.26	ERM 20	1406.35
99083	1338.28	ERM 21	1405.74
99085	1273.82	ERM 22	1380.28
99090	1326.91	ERM 23	1369.24
99096	1350.07	ERM 24	1346.27
888001	1227.27	ERM 25	1369.15
888002	1221.1	ERM 26	1387.1
888003	1219.65	ERM 27	1314.55
888004	1213.99	ERM 28	1313.47
888005	1217.38	ERM 29	1189.57
888006	1213.08	ERM 30	1240.18
888007	1214.65	ERM 31	1248.89
888008	1218.04	ERM 32	1240.02
888012	1138.45	ERM 33	1253.76
888013	1141.29	ERM 34	1258.43
888014	1149.62	ERM 35	1218.17
888015	1145.09	ERM 36	1186.69
888023	1221.86	ERM 37	1181.74
888024	1240.35	ERM 38	1226.43
888026	1241.82	ERM 39	1224.53
888029	1261.22	ERM 40	1228.39
888039	1255.18	ERM 41	1204.93
888043	1267.81	ERM 42	1191.31
888045	1287.32	ERM 43	1214.58
888046	1302.09	ERM 44	1212.82
888050	1323.03	ERM 45	1217.91
888052	1353.67	ERM 46	1176.79
888055	1411.97	ERM 47	1332.14
888056	1419.21	ERM 48	1327.14
888401	1247.33	ERM 49	1250.8
888402	1259.73	ERM 50	1286.64
888403	1271.17	ERM 51	1291.47
888404	1291.74	ERM 52	1242.12
888405	1278.39	ERM 53	1234.58
888406	1314.8	ERM 54	1238.36
888407	1278.99	ERM 55	1236.18
888408	1295.64	ERM 56	1251.88
888409	1269.67	ERM 57	1259.84
888410	1288.15	ERM 58	1263.19
888411	1287.82	ERM 59	1280.12
888412	1357.57	ERM 61	1267.31
888413	1380.08	ERM 62	1271.45
7011	1193.82	ERM 63	1235.21
7012	1216.72	ERM 64	1213.78
7013	1256.54	ERM 65	1214.92
7014	1255.3	ERM 66	1217.29
7015	1158.42	ERM 67	1155.1
7016	1173.6	ERM 68	1215.76
7017	1195.8	ERM 69	1225.94
7018	1238.96	ERM 70	1148.63
7019	1268.83	ERM 71	1219.81
7020	1309.32	ERM 72	1222.65
7021	1174.47	ERM 73	1246.68
7022	1268.27	ERM 74	1255.33
7024	1303.4	ERM 75	1309.96
7025	1358.3	ERM 76	1282.29
7026	1244.73		
7028	1340.47		
7029	1367.94		
7201	1416.53		
7202	1364.55		

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
INDEX SHEET
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

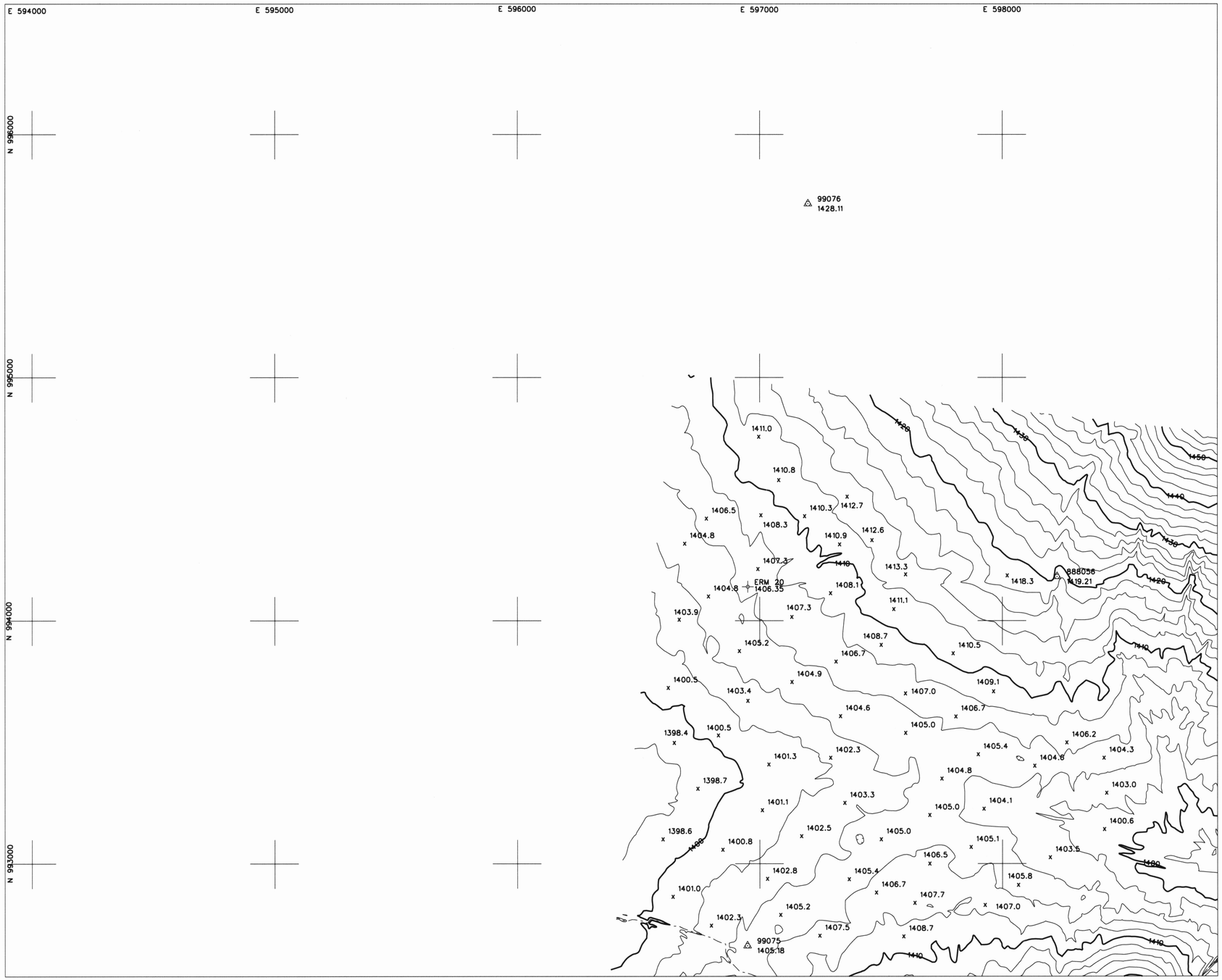
	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	RDB	6-20-2000

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

CENTRAL FILES
DRAWER 319
Glendale Peoria ADMP
Drawer 319



LEGEND

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

ELEVATION REFERENCE MARKS

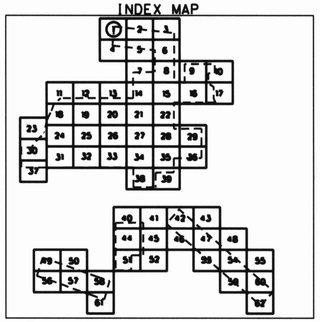
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 20	1406.35	Rebar with aluminum cap marked "LS 19234" at ℄ Corner of Section 33/34, T5N, R1E N: 994139.63 E: 596950.51

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99075	596948.72	992662.73	1405.18
99076	597199.03	995714.91	1428.11
888056	598225.65	994181.31	1419.21

INDEX MAP



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

FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

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

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-20-2000
PLANS		
PLANS CHK.		6-20-2000

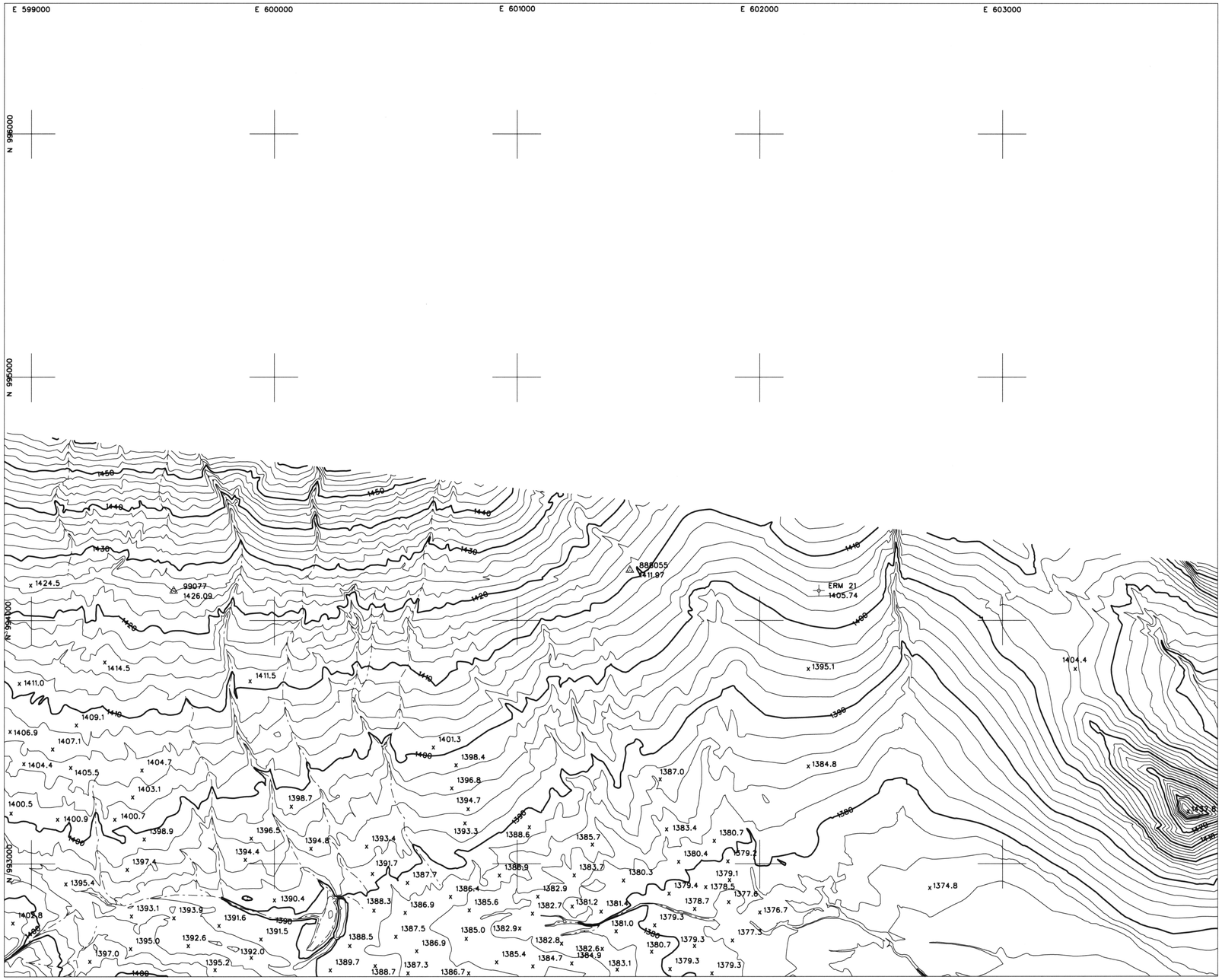
SHEET 01 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T5N, R1E



LEGEND

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

ELEVATION REFERENCE MARKS

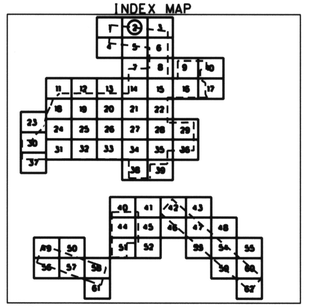
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 21	1405.74	Fd bent 1" O.P. at the E1/4 corner of Section 34, T5N.R1E N: 994122.7 E:602243.63

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99077	599585.84	994121.42	1426.09
888055	601464.31	994206.79	1411.97

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
26401
LEE
HARRIS
Signed 6-30-00
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-30-2000
PLANS		
PLANS CHK.	Wally Glander	6-30-2000

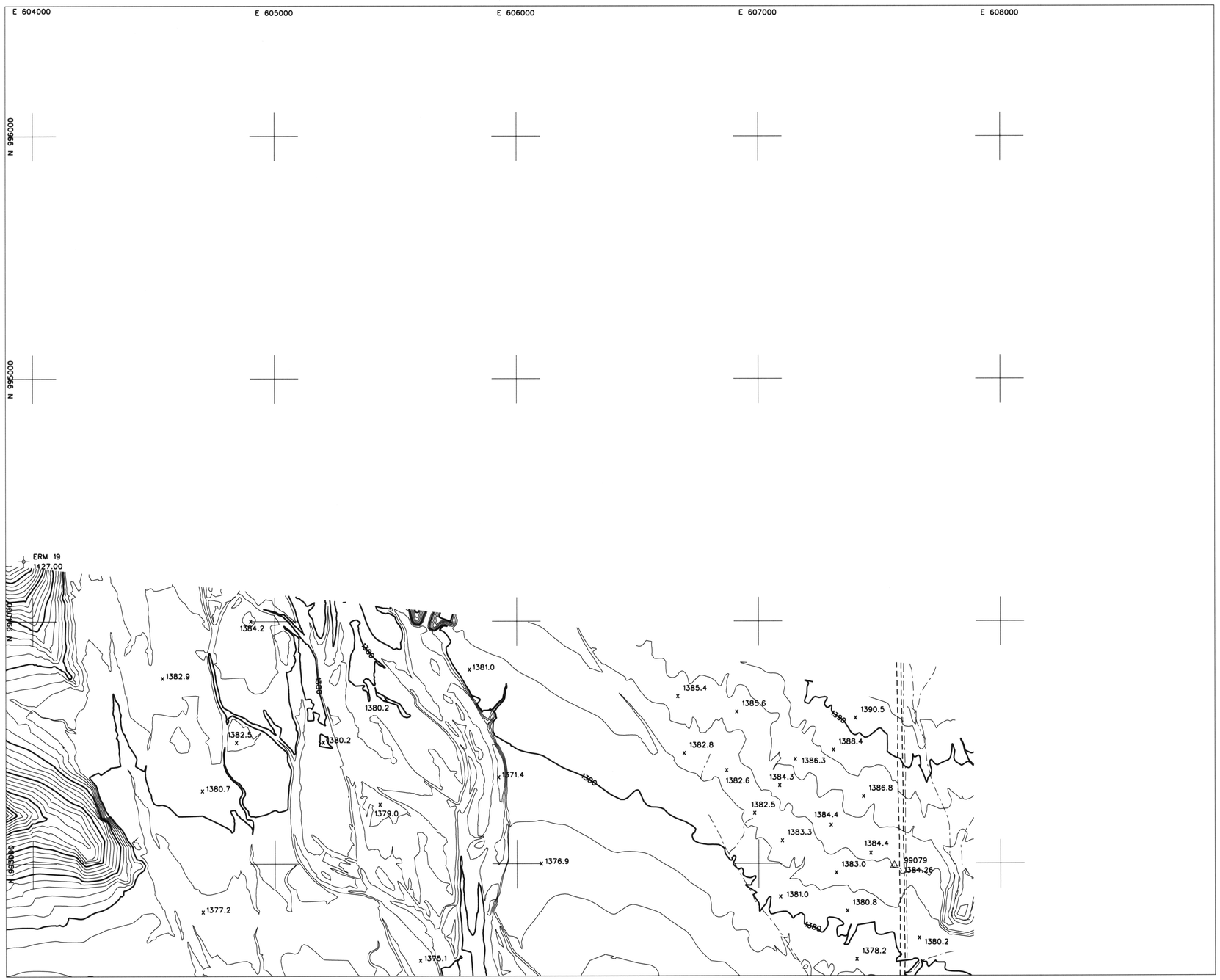
SHEET 02 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T5N, R1E



LEGEND

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

ELEVATION REFERENCE MARKS

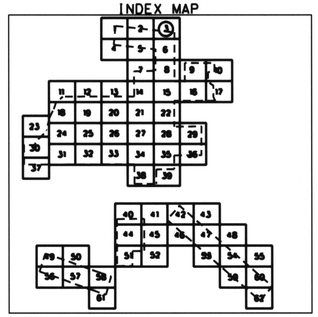
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 19	1427.00	¾" rod with 2" copper cap. "USCE NR3" at the top of hill +/-500' South of the West end of New River Dam. N: 994248.69 E: 603962.53

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99079	607559.86	992990.52	1384.26

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE M. WARBERG Jr. ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.		6-30-2000

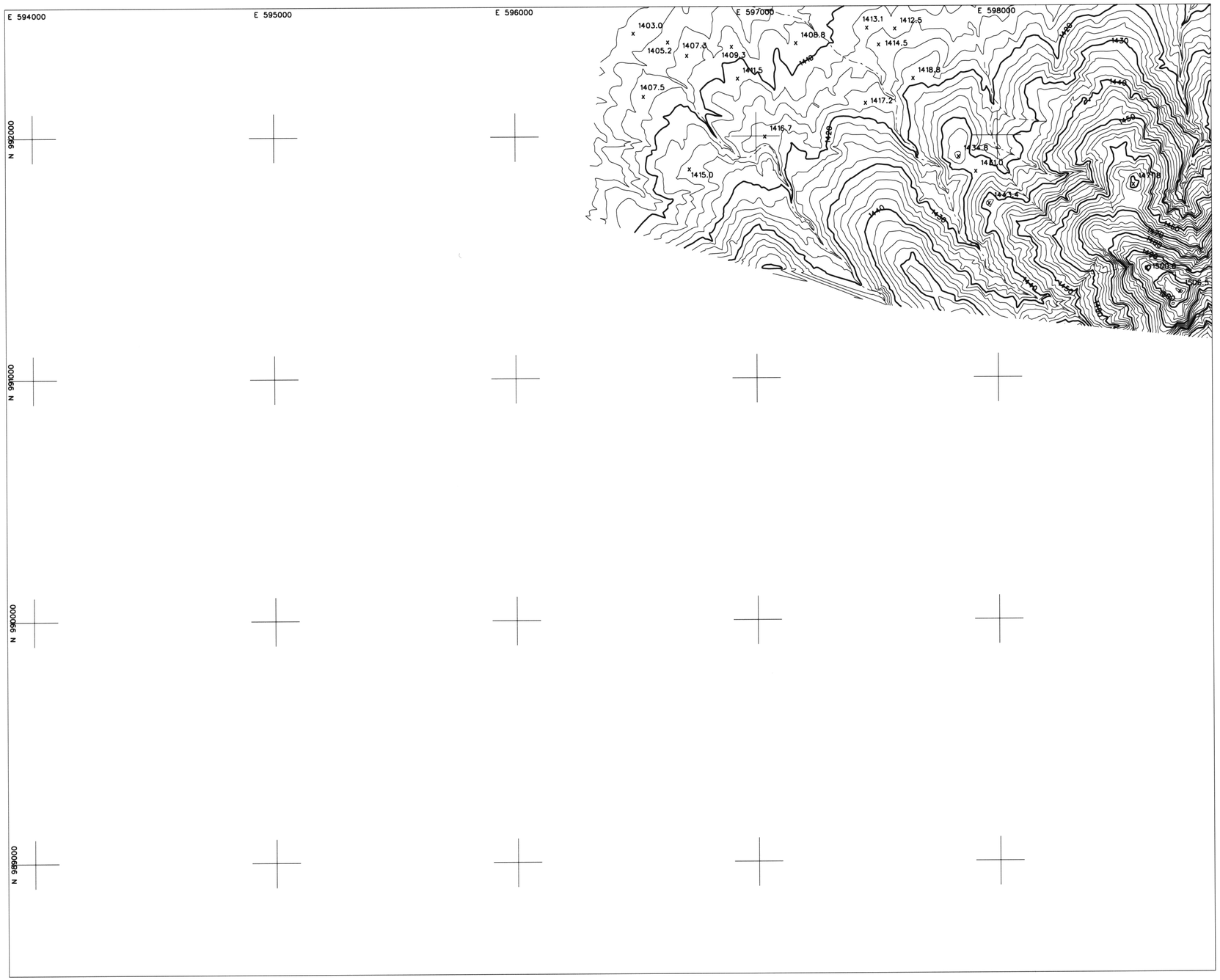
SHEET 03 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T5N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

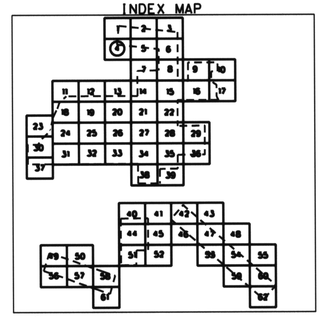
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
Peter LEE Hibbert
Date Signed 6-30-2000
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.H.	6-30-2000
PLANS		
PLANS CHK.	[illegible]	6-30-2000

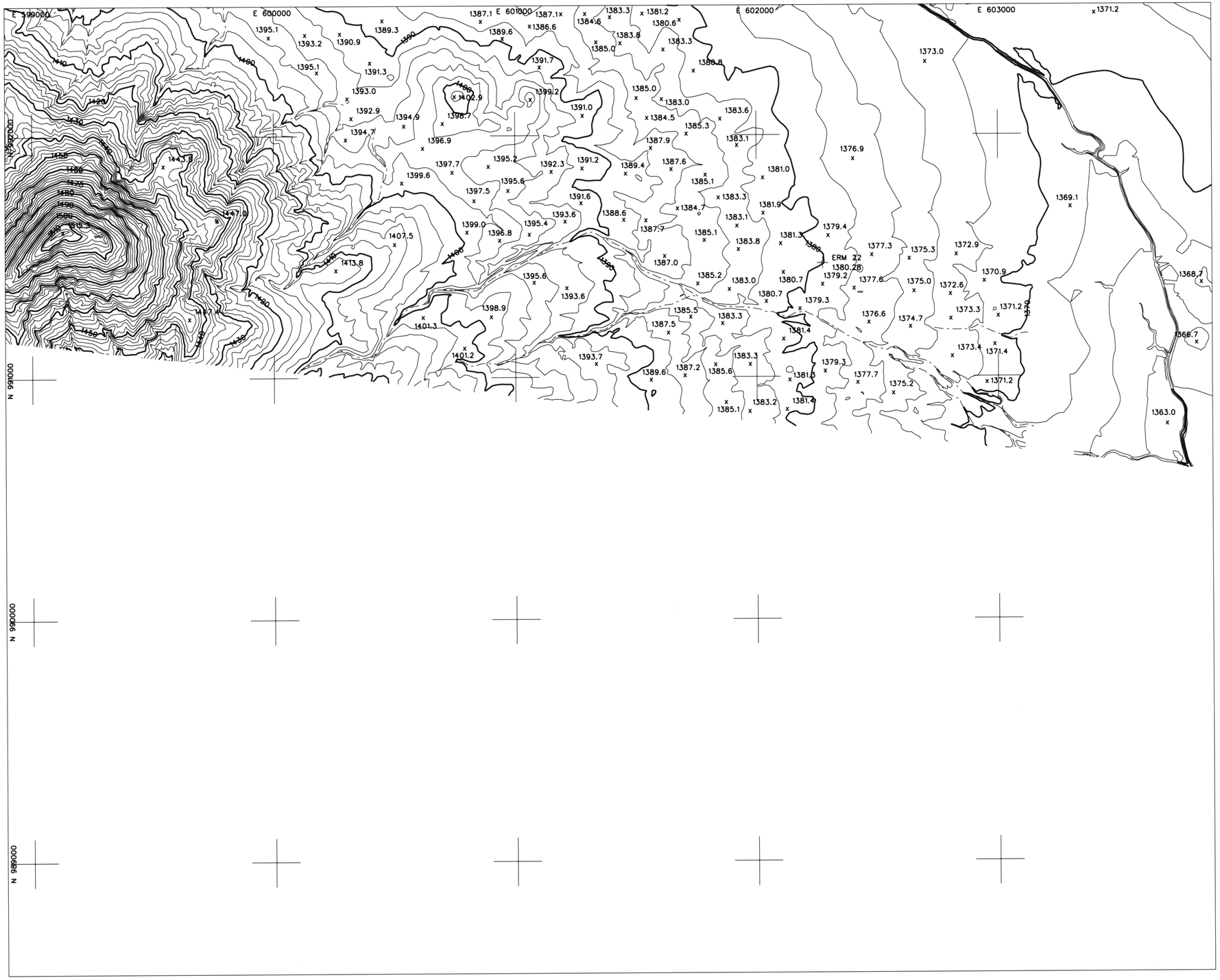
SHEET 04 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T5N, R1E
T4N, R1E



LEGEND

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

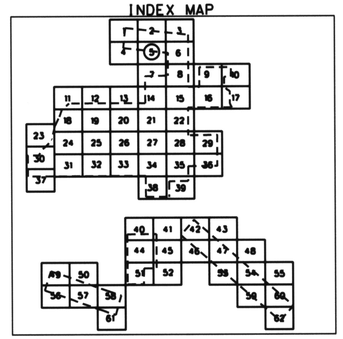
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 22	1380.28	AZDOT Highway Division P&M Geodetic Survey 3-1/2" disc in 9" round concrete post near the Northwest Corner of Sec.2. T4N. R1E N: 991469.17 E: 602273.51

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE ABBOTT Date Signed 6-21-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-20-2000
PLANS		
PLANS CHK.		6-30-2000

SHEET 05 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T5N. R1E
T4N. R1E

E 604000 E 605000 E 606000 E 607000 E 608000

N 996000 N 994000 N 992000 N 990000 N 988000

1375.0 1373.0 1371.1 1370.2 1370.5 1368.9 1369.24 ERM # 23 1367.2 1368.9 1365.0 1362.8 1364.8 1363.1 1360.2 1361.2 1360 1357.1 1355.1 1353.0 1355.2 1354.8 1355.4 1357.1 1360.6 1363.0 1365.1 1362.0 1360.3 1361.2 1362.9 1367.0 1368.9 1364.9 1373.0 1372.8 1374.6 1375.1 1376.6 1377.7 1379.5 1377.1 1373.0 1373.0 1373.2 1370 1370.2 1368.9 ERM # 17 1371.02 1368.4 1368.9 1366.7 1365.0 1357.2 1355.1 1352.47 1350.8 NEW RIVER ERM # 16 1352.51

LEGEND

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

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 16	1352.51	Set Flood Control District of Maricopa County Brass cap in concrete +/-20' west of the east quarter corner of Section 2. N: 988916.25 E: 607591.74
ERM # 17	1371.02	Top of AZDOT aluminum cap (BM517-61, Northwest corner of Section 2, T4N, R1E. N: 991467.78 E: 607592.68
ERM # 23	1369.24	1-1/2" open pipe in circle of small rocks with lathe marked S1/4 Corner Pipe is 4.0' WNW of AZ DOT Highway Div. Geodetic SM N: 991469.45 E: 604906.75

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61

200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE M. HARRIS ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.F.	6-20-2000
PLANS		
PLANS CHK.		6-30-2000

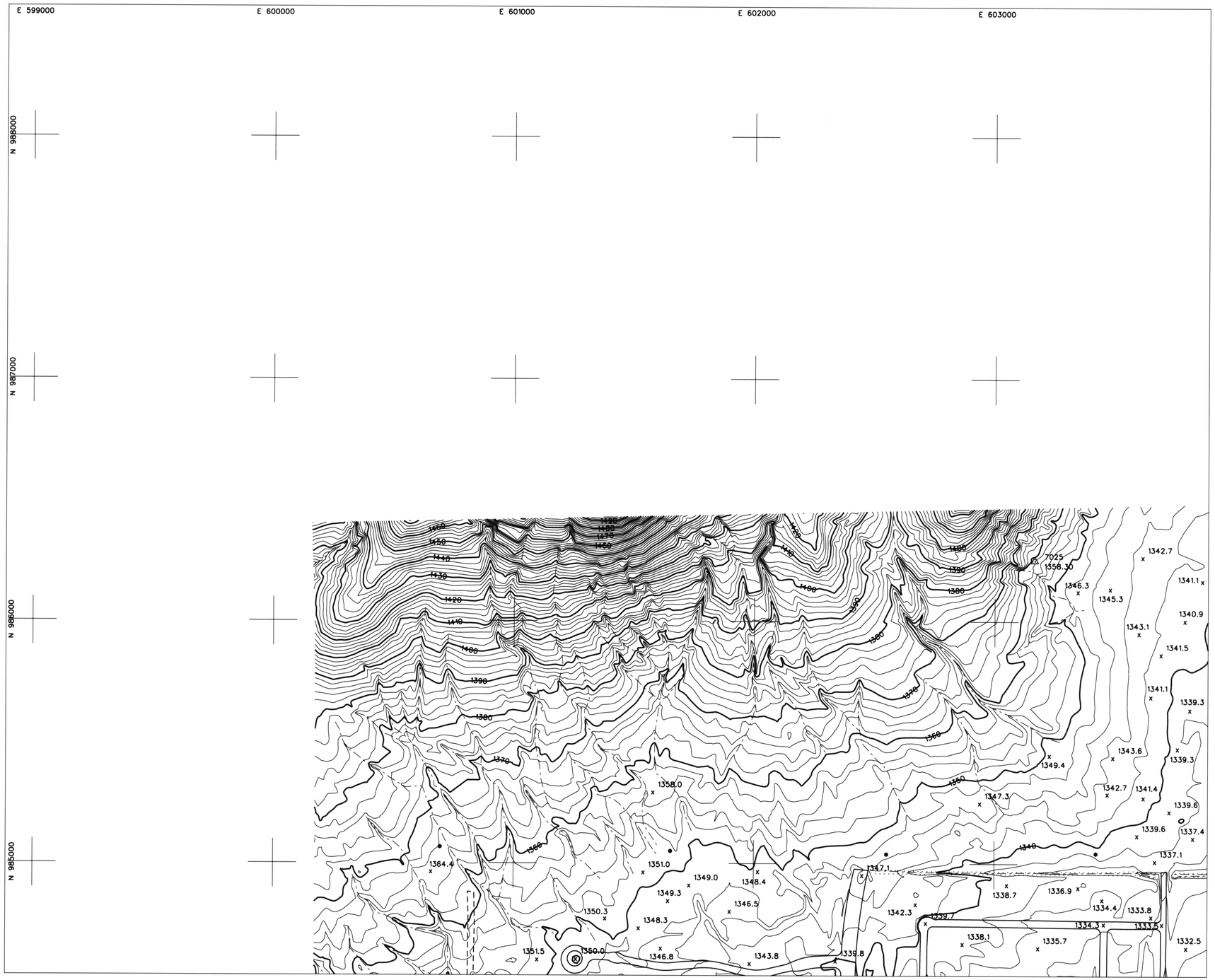
SHEET 06 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T5N. R1E
T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

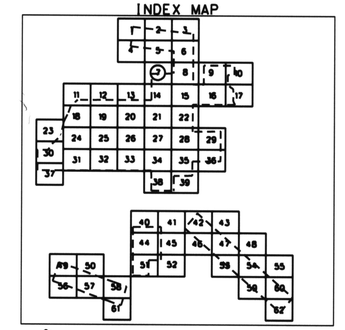
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7025	603165.22	986252.29	1358.3

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 29601 JEFF LOWELL Signed 6-20-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	J.L.	6-20-2000
PLANS		
PLANS CHK.		6-20-2000

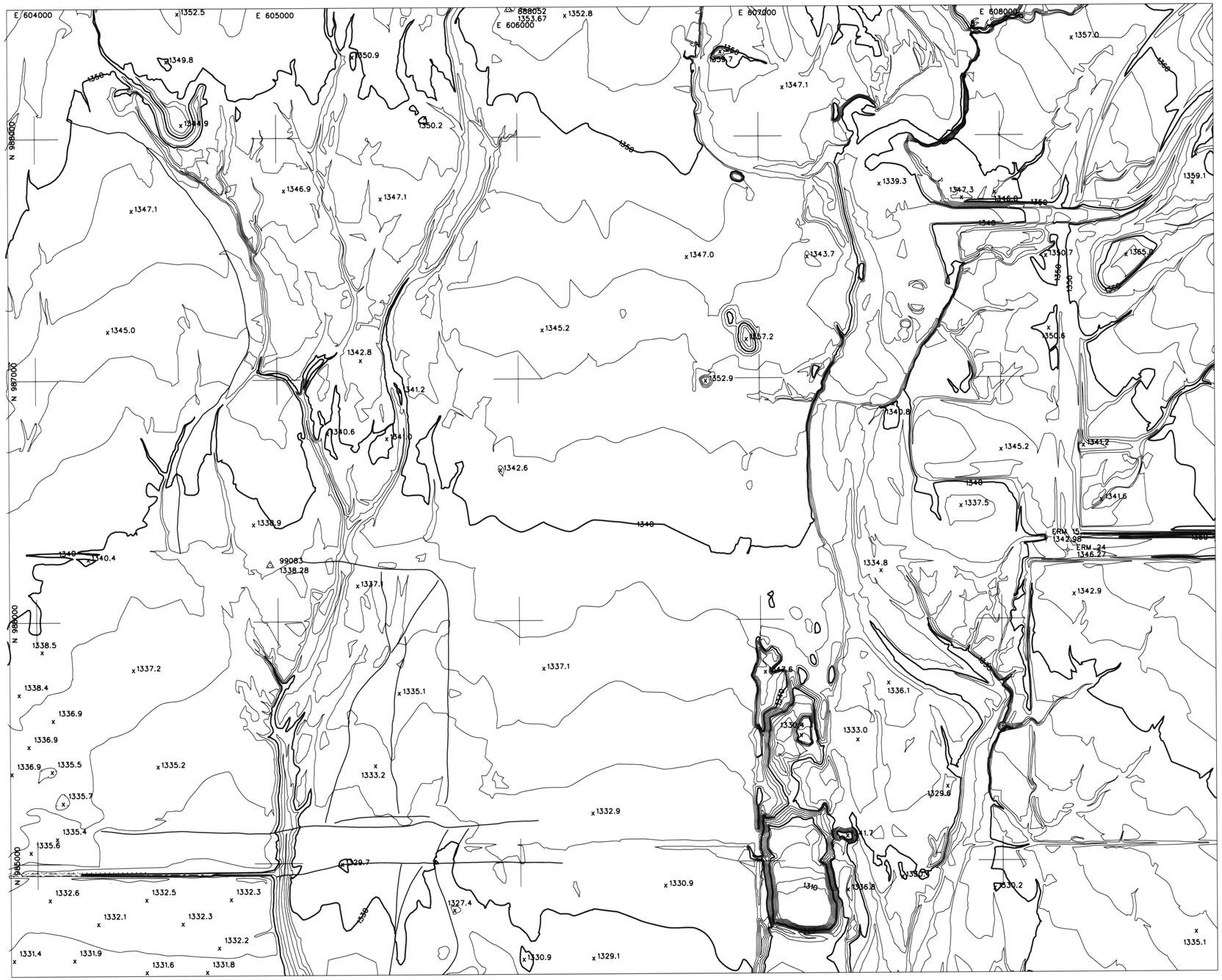
SHEET 07 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

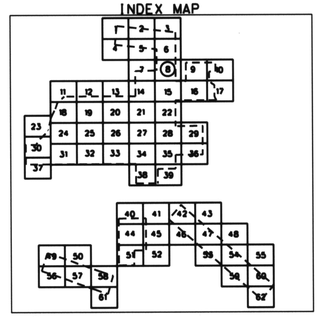
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 15	1342.98	Chisled "x" on center of top of West of 4'x10' storm culvert 573' East of Southwest Corner of Section 1. T4N. R1E N: 986334.78 E: 608184.88
ERM # 24	1346.27	City of Peoria survey monument in handhole at Happy Valley and Terramar. South edge of Happy Valley Road on centerline of Terramar N: 986280.98 E: 608274.17

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
888052	605966.88	988527.93	1353.67
99083	604967.84	986233.27	1338.28

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	B.P.	6-20-2000
PLANS		
PLANS CHK.	Jay Palmer	6-30-2000

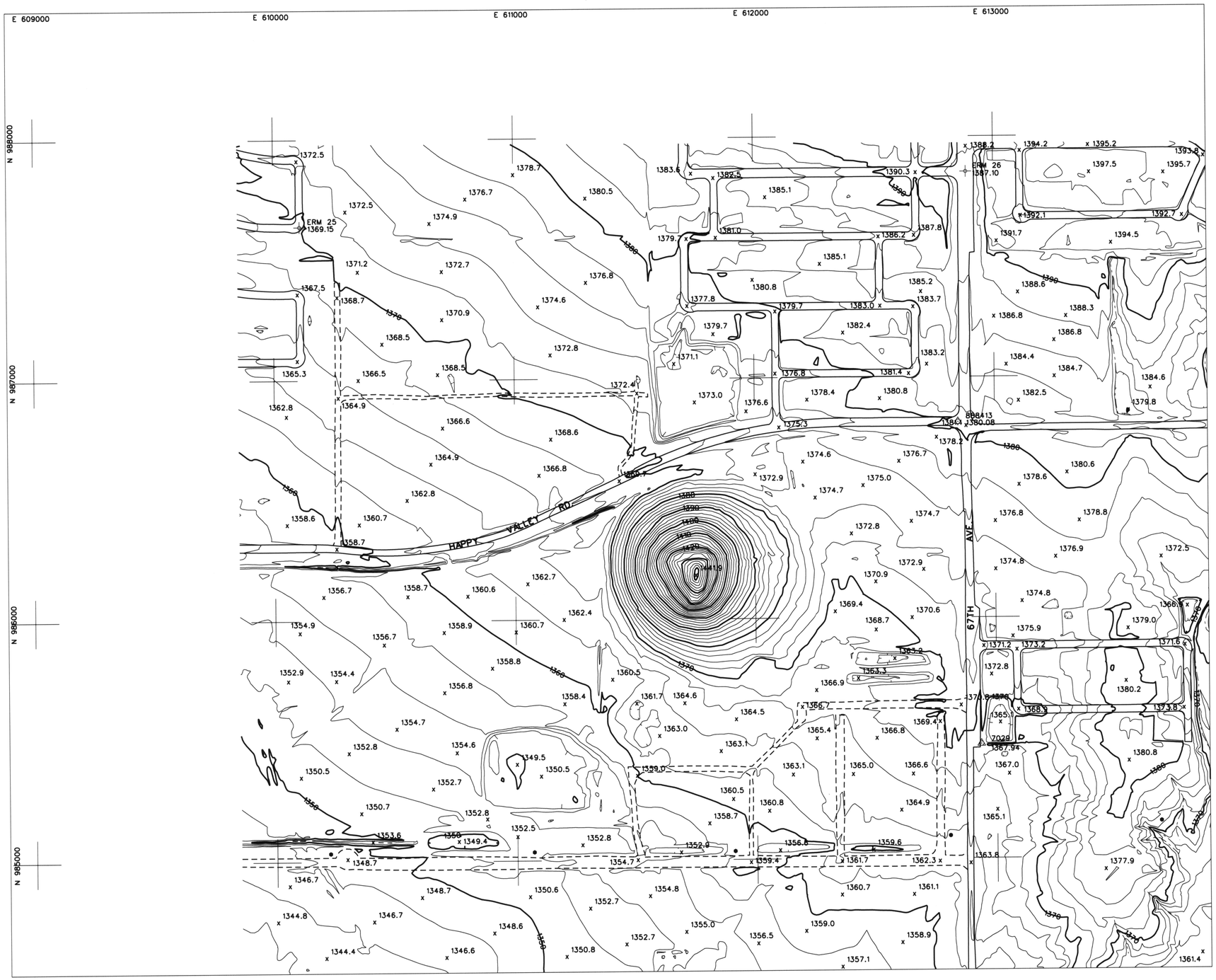
SHEET 08 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

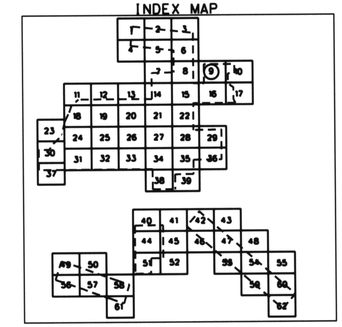
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 25	1369.15	City of Peoria brass cap. Intersection of 71st Drive and Saddlehorn." N: 987638.02 E: 610109.47
ERM # 26	1387.10	Brass cap in casting in handhole at 67th Ave and Saddlehorn West. N: 987852.19 E: 612886.43

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7029	612935.66	985474.38	1367.94
888413	612847.46	986812.49	1380.08

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	B.P.	6-20-2000
PLANS		
PLANS CHK.		6-30-2000

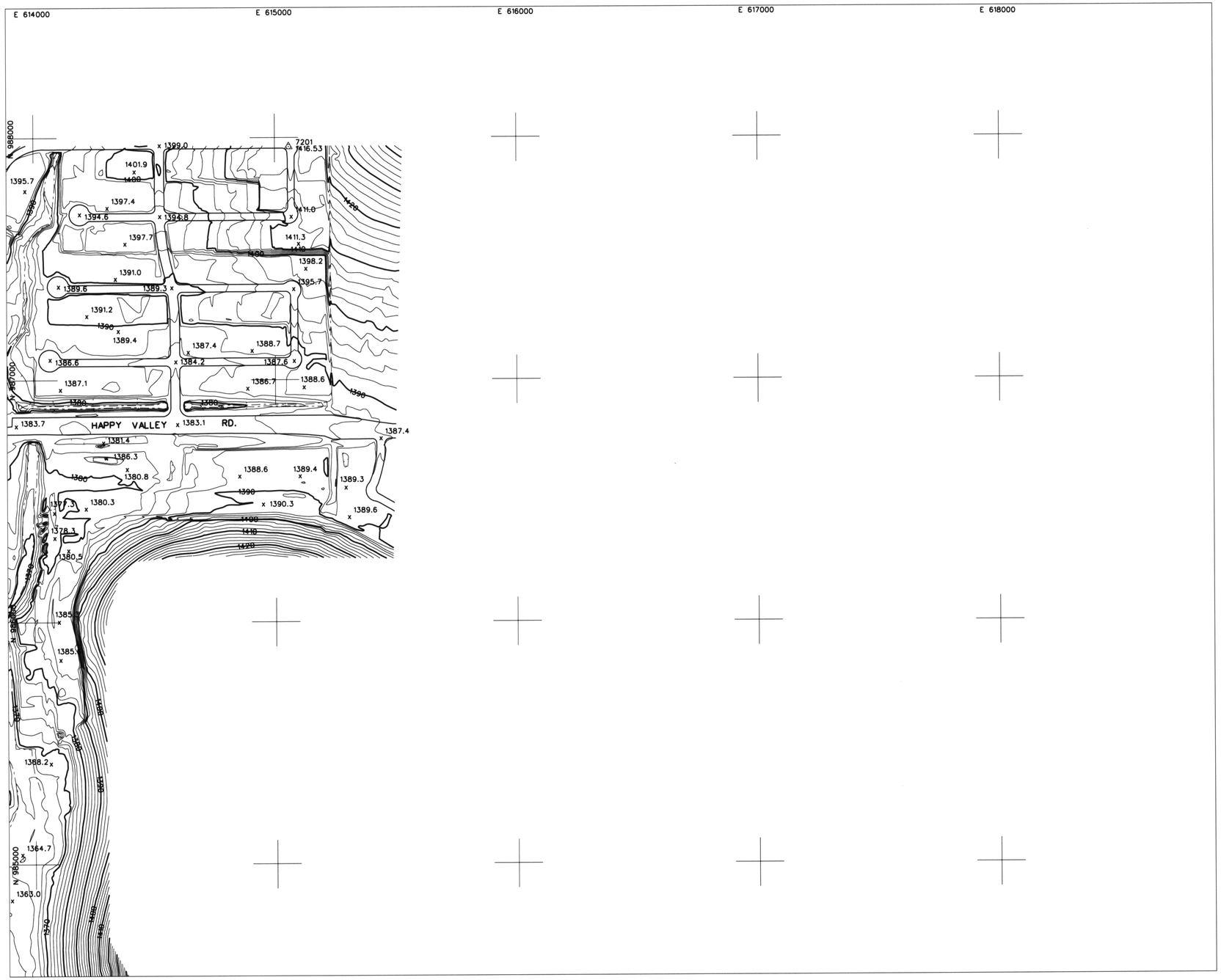
SHEET 09 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E
T4N. R2E



LEGEND

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

ELEVATION REFERENCE MARKS

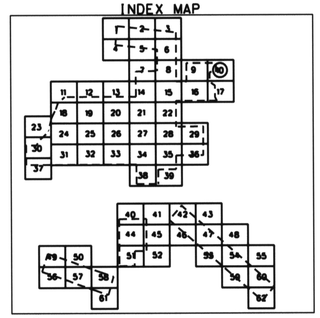
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7201	615057.67	987962.3	1416.53

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 28401 LEE M. BEARS Signed 6-21-00 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-20-2000
PLANS		
PLANS CHK.	Matthew Rhode	6-20-2000

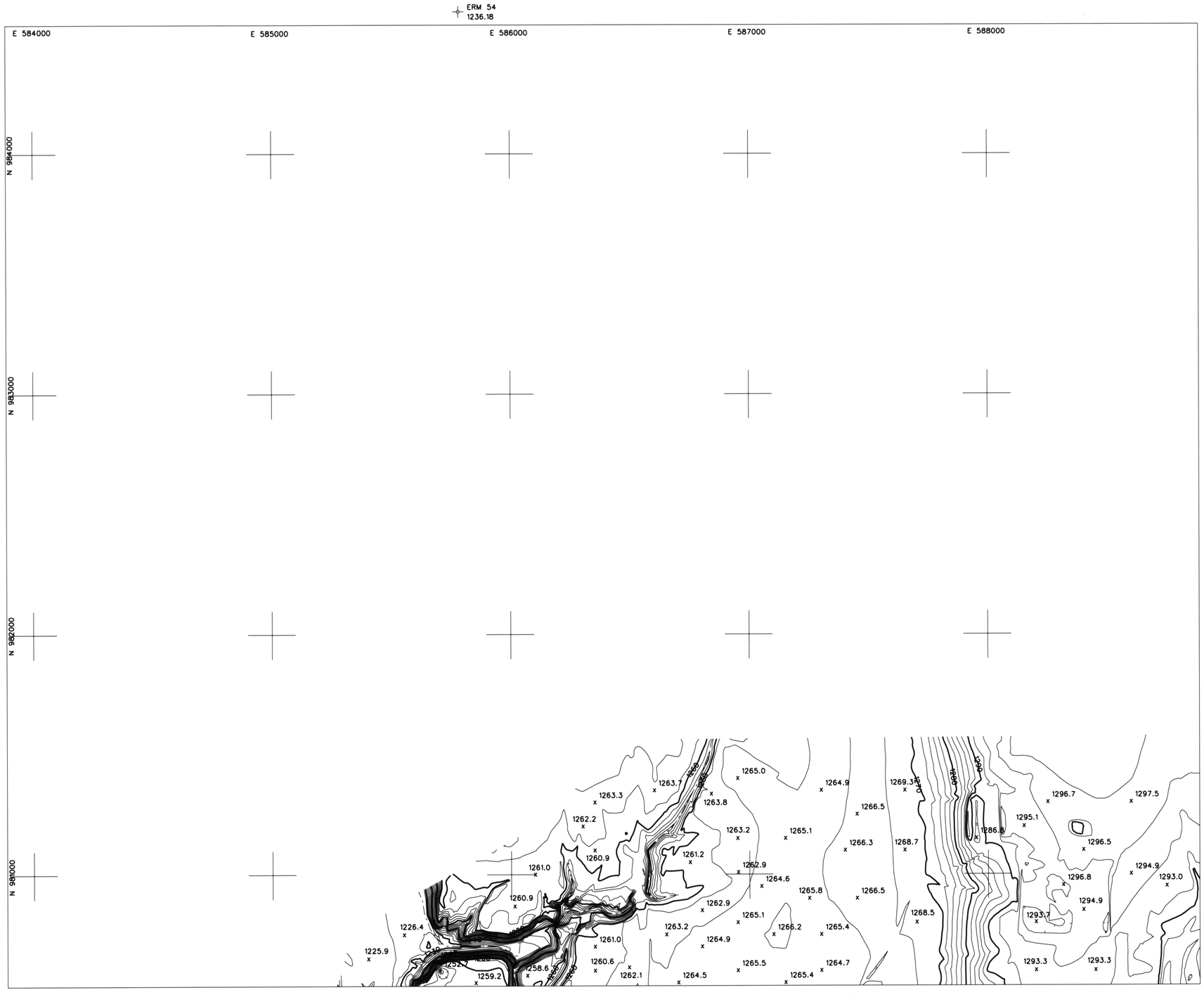
SHEET 10 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R2E



LEGEND

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

ELEVATION REFERENCE MARKS

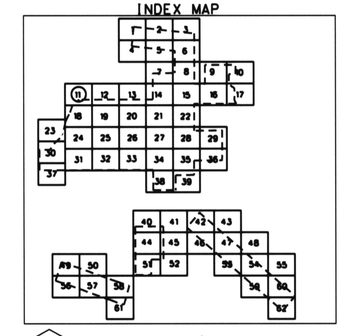
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #54	1236.18	1/2" rebar w/alum cap stamped "Aerial Mapping Co. "AFS" +/-800'SW of 107th Ave. and Hatfield Road. +/- 50' south of the southerly of (2) 4-legged steel transmission towers.

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE 20401 JEFF WARNICK Date Signed 6-21-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.P.	6-20-2000
PLANS		
PLANS CHK.		6-30-2000

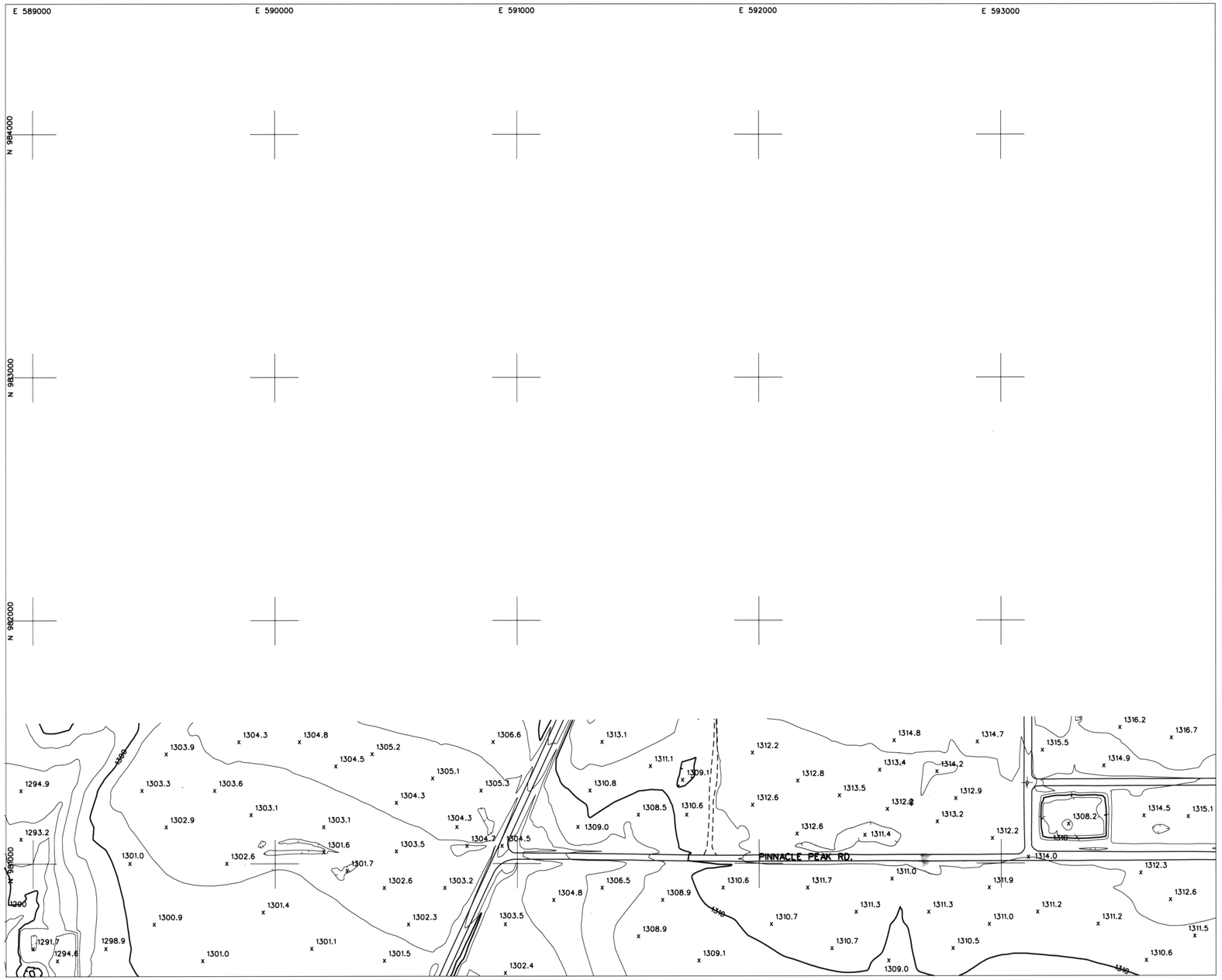
SHEET 11 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

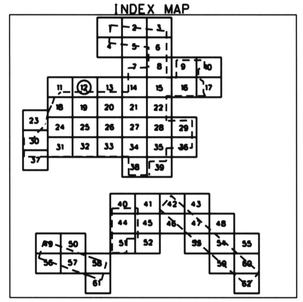
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 27	1314.55	Brass cap(flush) at intersection of 97th Ave and Electra Lane N: 981330.47 E: 593107.43

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7208	591787.69	981019.78	1311.13

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE ALAN BUTLER ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C. P.	1-20-2000
PLANS		
PLANS CHK.		1-30-2000

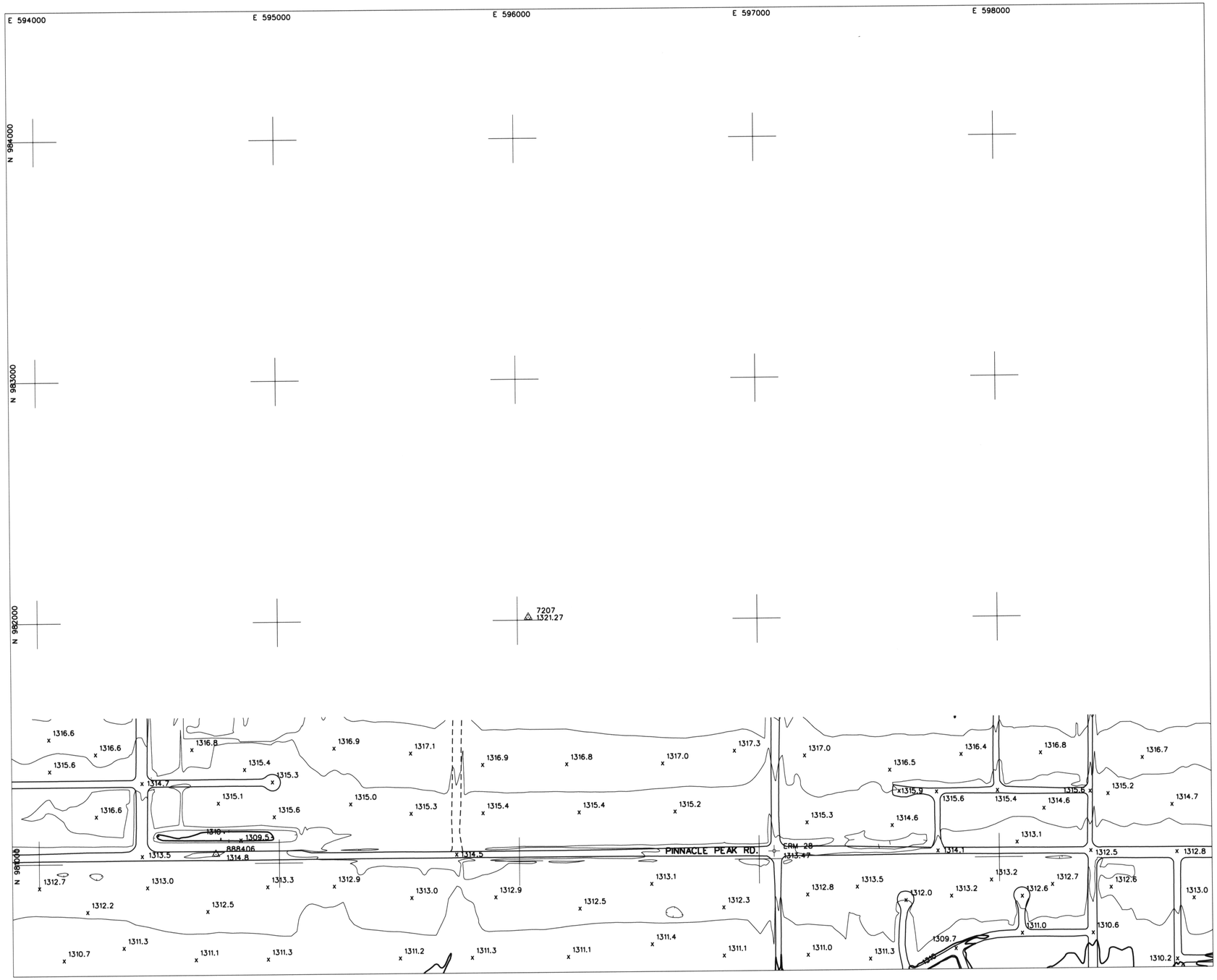
SHEET 12 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

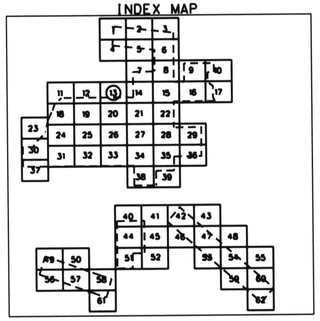
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 28	1313.47	Brass cap in handhole Intersection of 91st Ave and Pinnacle Peak. N: 981032.22 E: 597062.43

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7207	596045.62	982012.35	1321.27
888406	594735.97	981038.72	1314.8

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 29401 LEE HARRIS Expires 12-31-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	B.P.	6-20-2000
PLANS		
PLANS CHK.	Walt Cleaks	6-20-2000

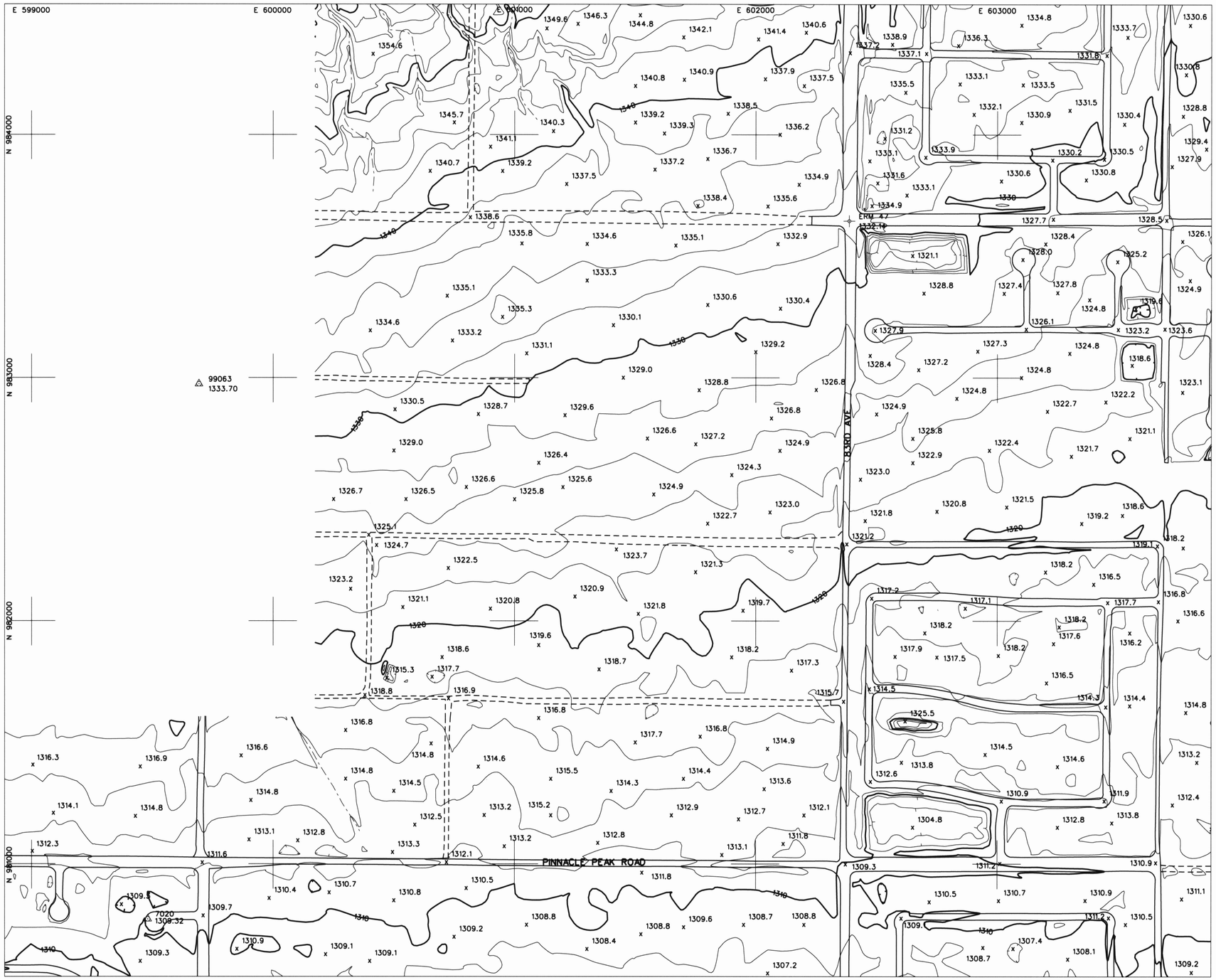
SHEET 13 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1E



LEGEND

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

ELEVATION REFERENCE MARKS

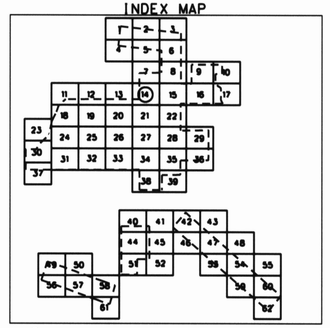
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #47	1332.14	Maricopa County Eng. Div. Brass cap in handhole centerline of 83rd Ave and Calle Lejos. N: 983644.93 E: 602386.7

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7020	599481.16	980773.43	1309.32
99063	599693	982974.05	1333.7

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 26101 — LEE MAGNERE — Signed 6-21-00 — ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-26-2000
PLANS		
PLANS CHK.	Mark Crowder	6-30-2000

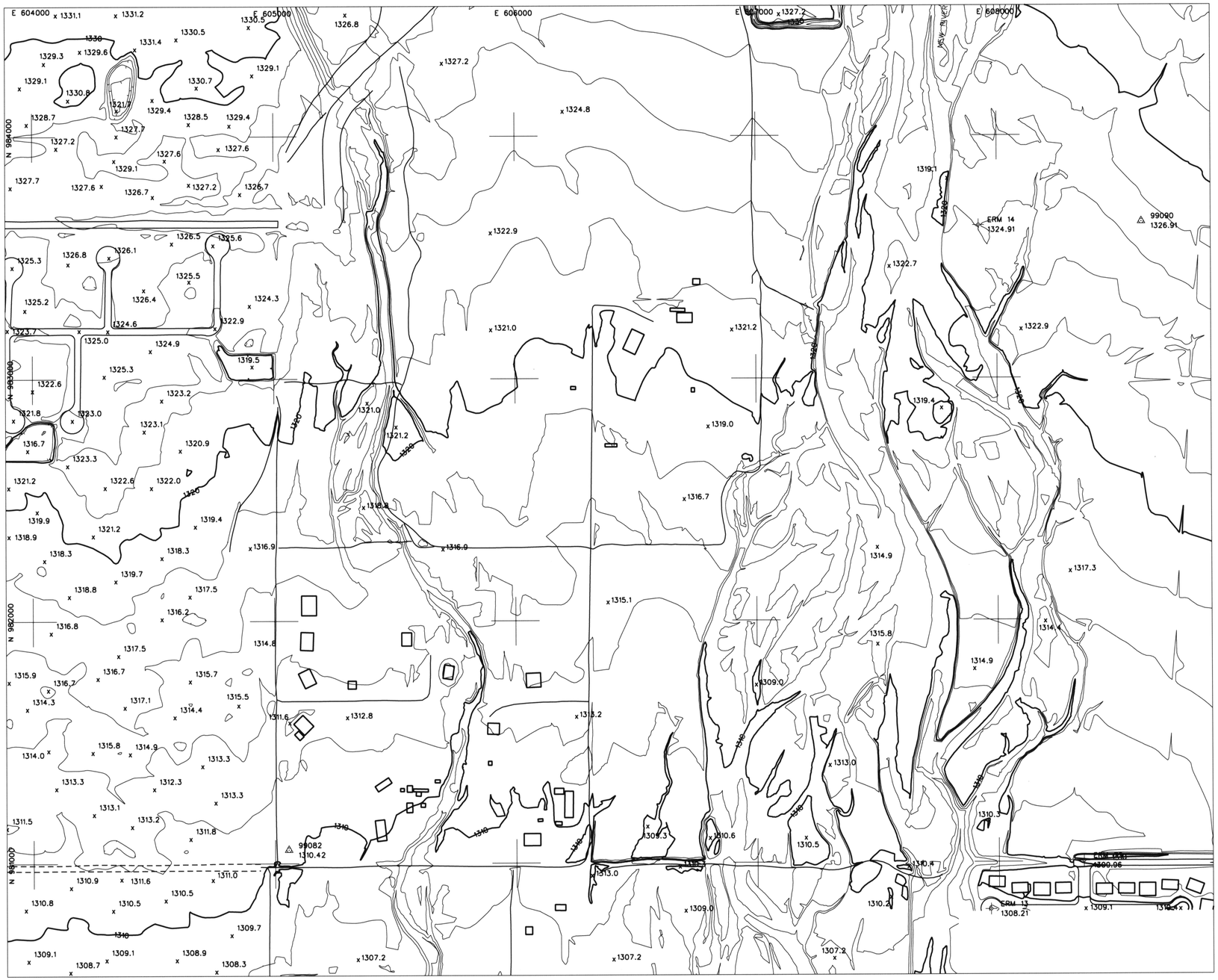
SHEET 14 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

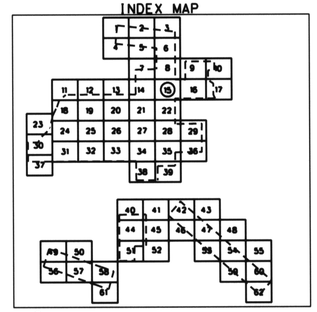
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #13	1308.21	BC at center of cul-de-sac at 7431 W. Monte Lindo. N: 980803.87 E: 607965.92
ERM #14	1324.91	FCDMC BC in concrete. +/-300' East of the West¼ Corner Section 12 T4N. R1E N: 983629.75 E: 607924.47
ERM #75	1309.96	C.O.G. BC at intersecton of Pinnacle Peak & 74th Ave N: 981003.30 E: 608352.18

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99082	605055.93	981056.44	1310.42
99090	608600.74	983642.61	1326.91

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
28401
LEE HARBERT
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	G.P.	6-20-2000
PLANS		
PLANS CHK.	[illegible]	6-20-2000

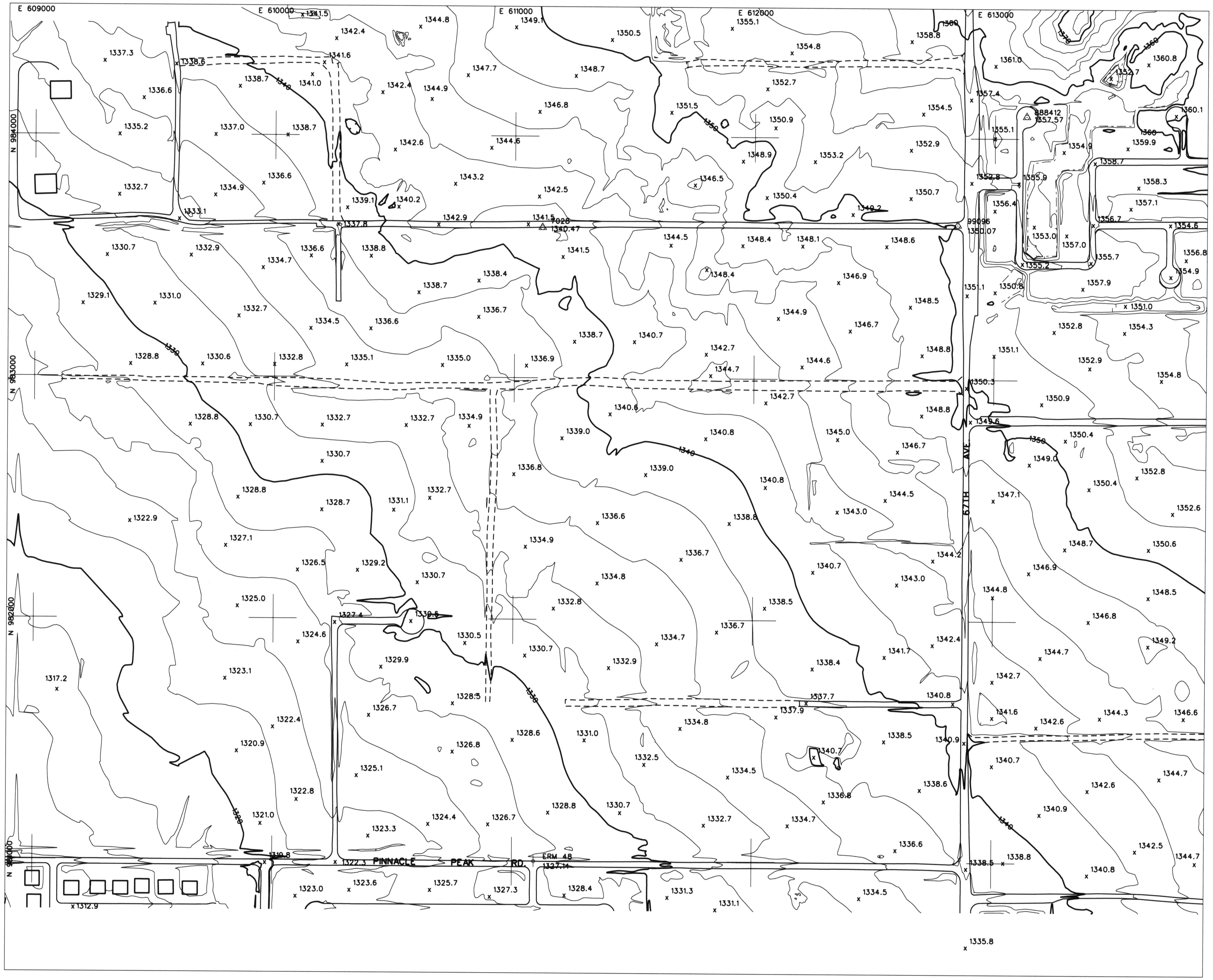
SHEET 15 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1E



LEGEND

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

ELEVATION REFERENCE MARKS

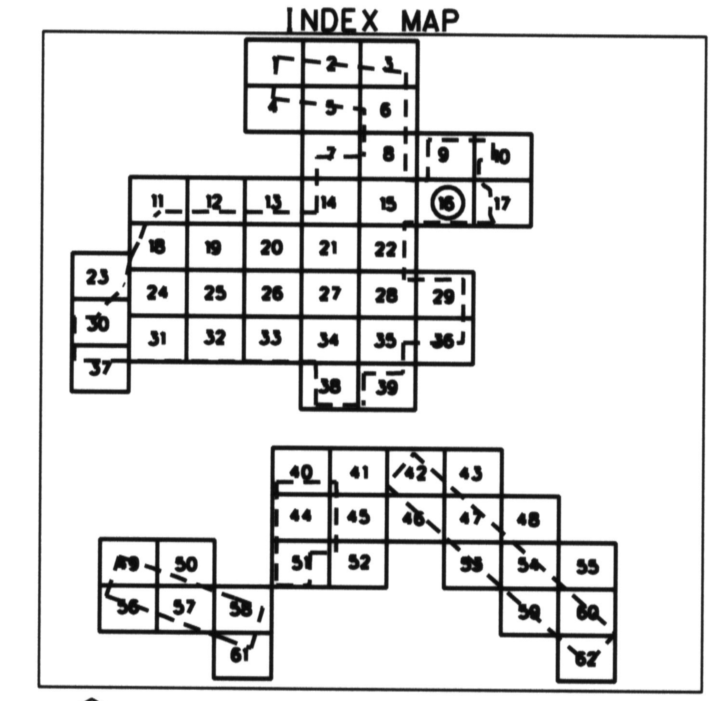
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #48	1327.14	C.O.G. BC on North edge of Pinnacle Peak Road at 69th Ave N: 980998.77 E: 611090.69

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7028	611114.24	983622.29	1340.47
888412	613131.39	984091.06	1357.57
99096	612845.84	983639.59	1350.07

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE [illegible] Date Signed 6.21.2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	[signature]	6-20-2000

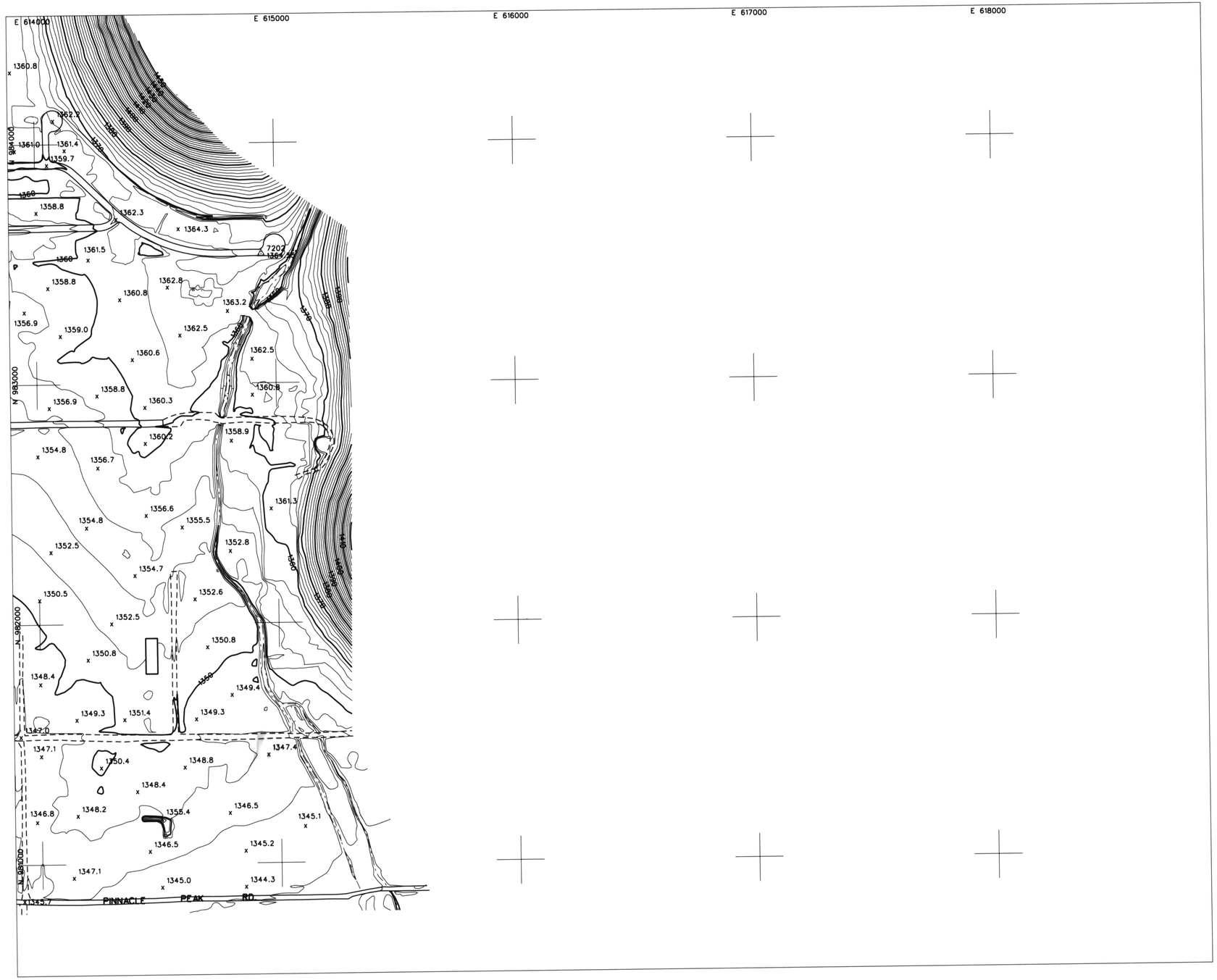
SHEET 16 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E
T4N. R2E



LEGEND

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

ELEVATION REFERENCE MARKS

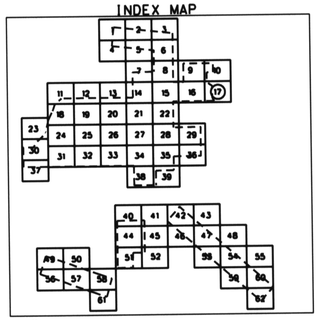
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7202	614943.22	983537.07	1364.55

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 26409 — LEE HABBENS — STATE OF ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	G.P.	6-20-2000
PLANS		
PLANS CHK.		6-20-2000

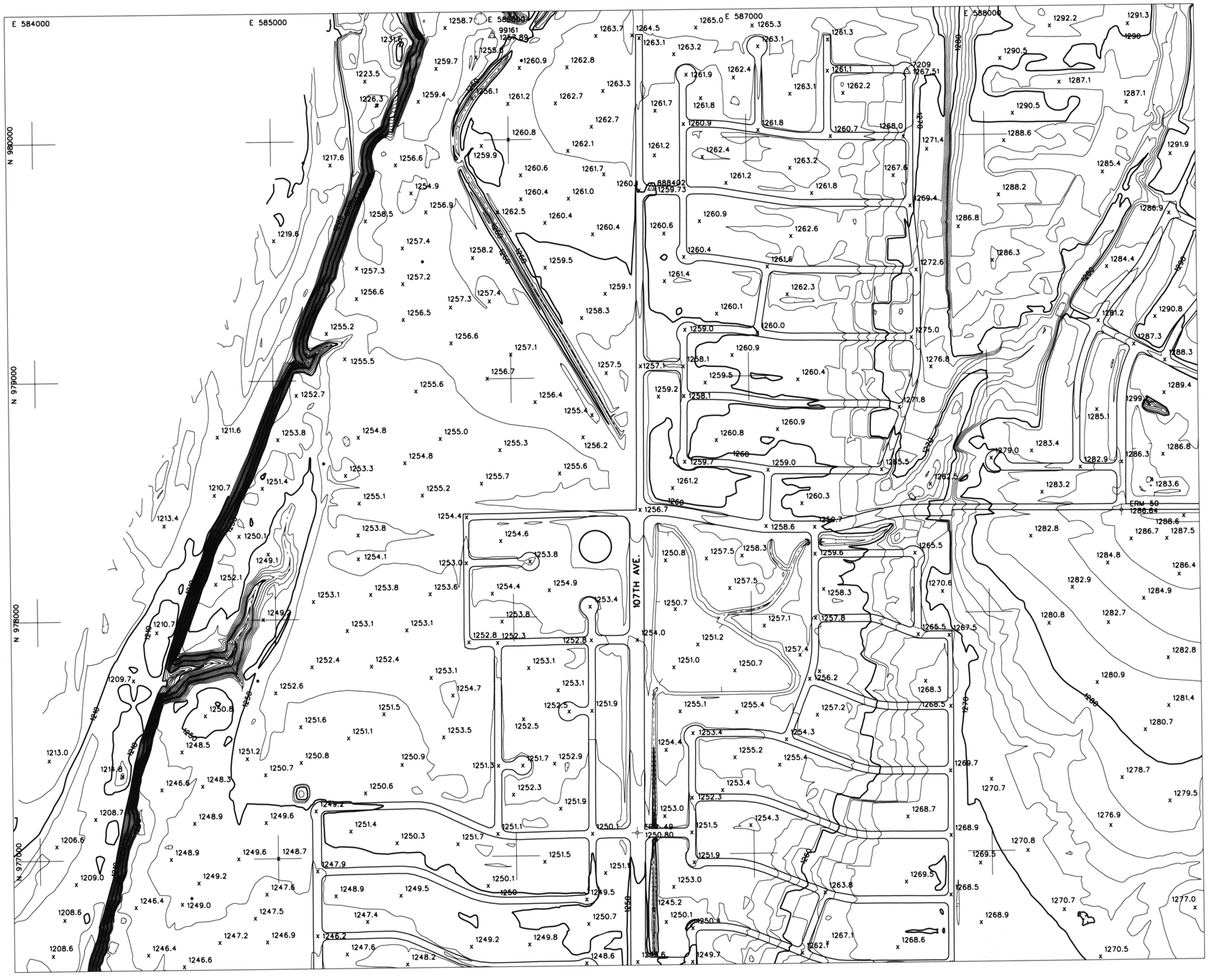
SHEET 17 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R2E



LEGEND

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

ELEVATION REFERENCE MARKS

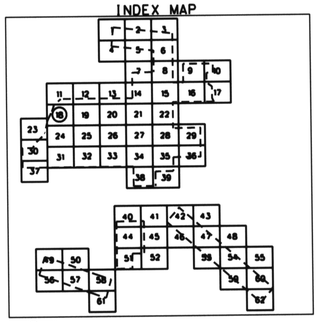
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 50	1286.64	C.O.P. brass cap in concrete 0.2 miles West of Lake Pleasant Road on South edge of Williams Road in line with southerly projection of new un-named road to the North. N: 978421.71 E: 588560.65
ERM #49	1250.8	C.O.P. Brass cap at intersection of 107th Ave and West Angels Lane. N: 977091.42 E: 586508.97

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7209	587678.98	980266.66	1267.51
888402	586599.86	979790.42	1259.73
99161	585937.06	980436.66	1257.89

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.P.	6-20-2000
PLANS		
PLANS CHK.	[illegible]	6-20-2000

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 35401 — LEE ROBERTS — Expires 12/31 — ARIZONA U.S.A.

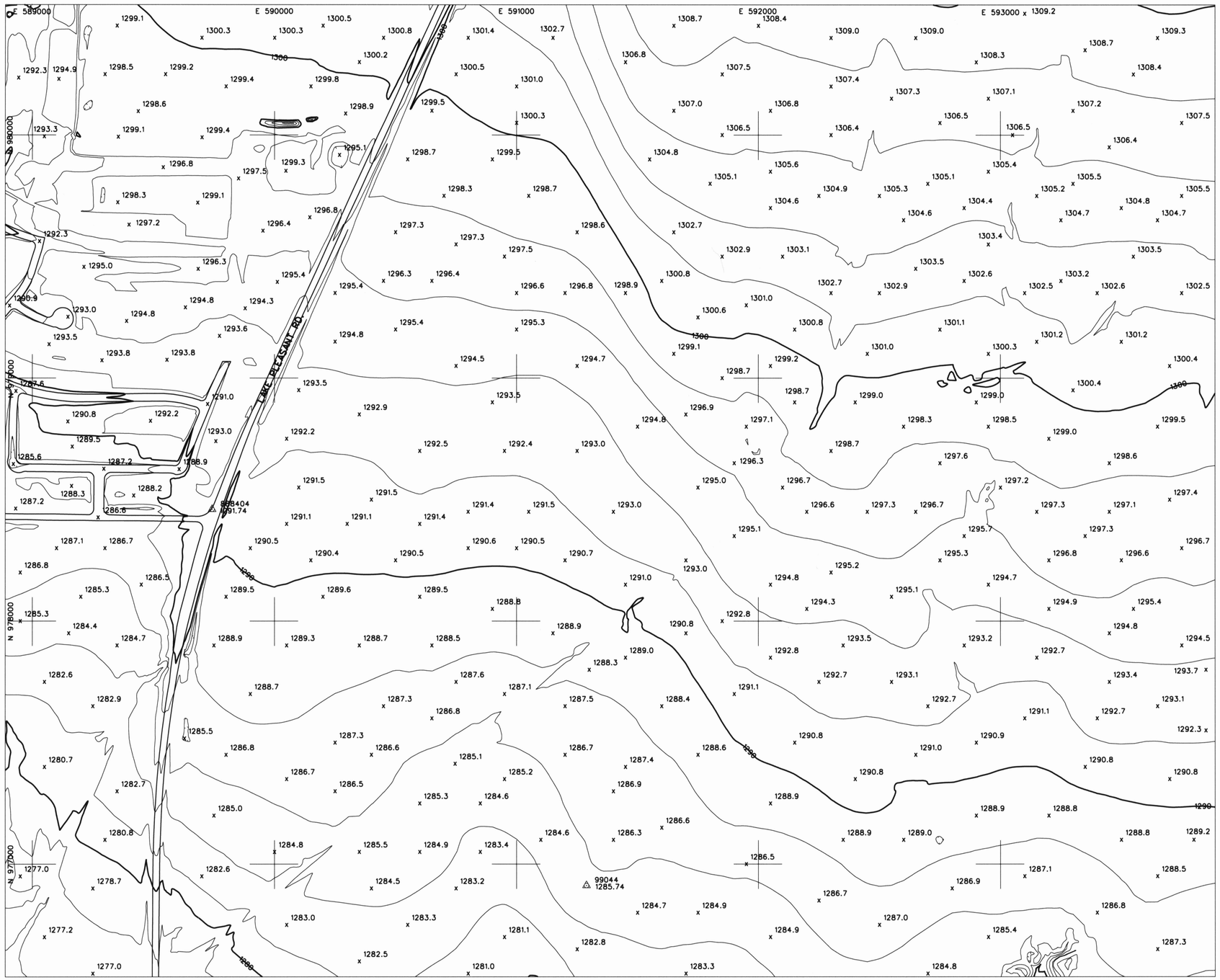
SHEET 18 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

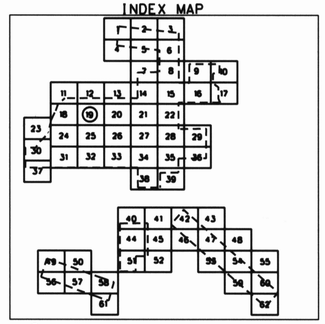
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
888404	589742.75	978460.11	1291.74
99044	591288.81	976912.09	1285.74

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

OTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.T.	6-20-2000
PLANS		
PLANS CHK.		6-20-2000

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 28401 — LEE HARRIS — ARIZONA U.S.A.

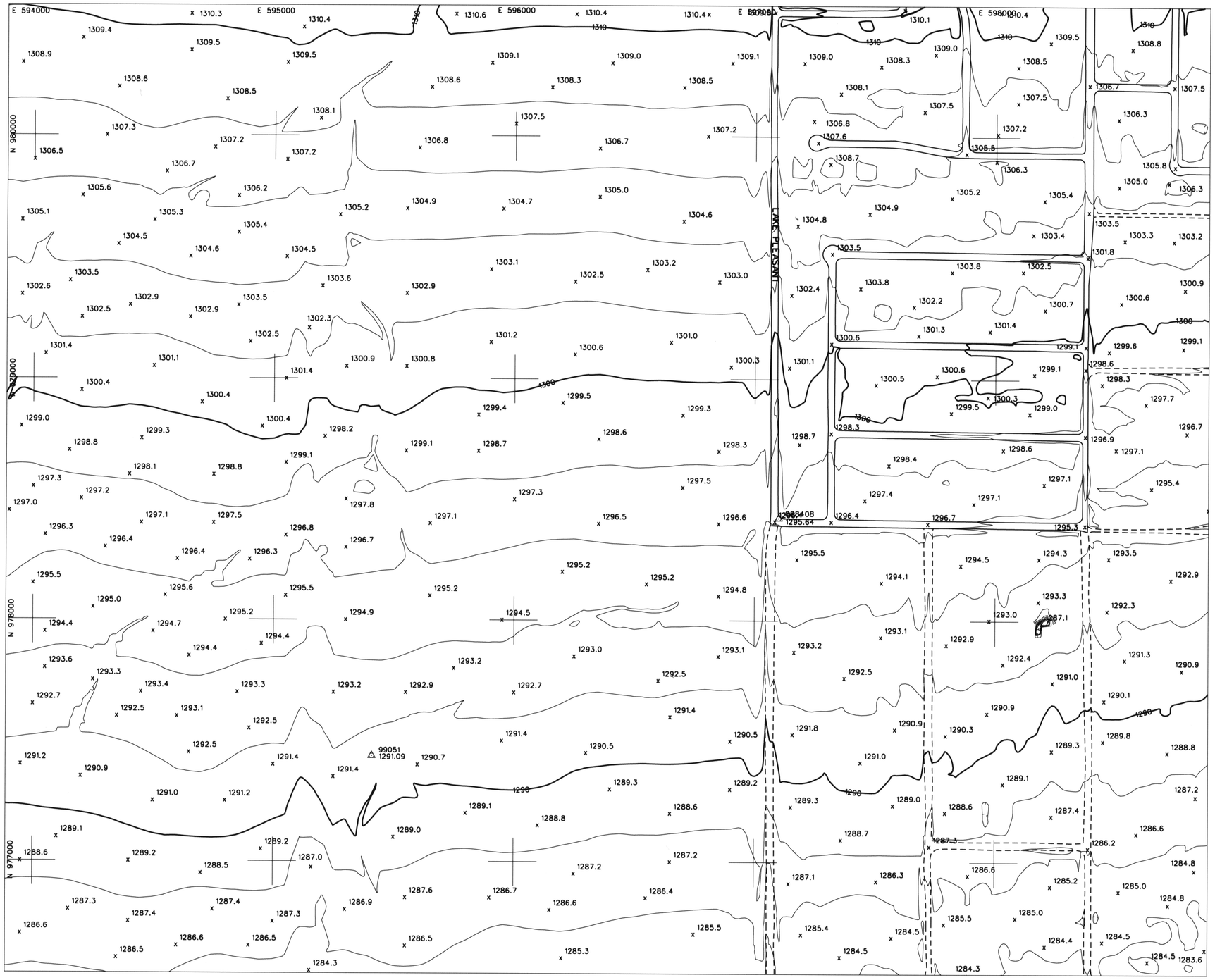
SHEET 19 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

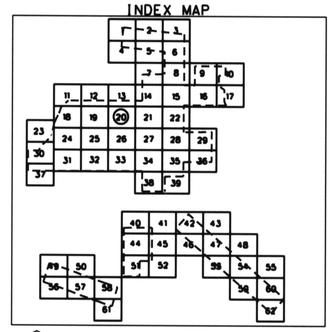
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
888408	597099.97	978424.35	1295.64
99051	595410.12	977436.52	1291.09

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
28407
LEE A. BARBERA
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	G.P.	6-20-2000
PLANS		
PLANS CHK.		6-20-2000

SHEET 20 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E

E 599000 E 600000 E 601000 E 602000 E 603000

N 980000 N 979000 N 978000 N 977000

B3RD AVE

ERM 51
1291.47

888046
888045
99062

LEGEND

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

ELEVATION REFERENCE MARKS

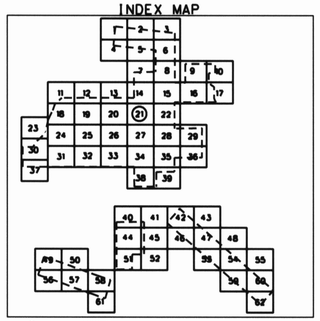
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 51	1291.47	City of Peoria brass cap at 85th and Williams. Monument is on centerline of 85th on north edge of Williams. N: 978351.2 E: 601029.52

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7024	603698.25	979640.68	1303.4
888045	602296.89	977211.78	1287.32
888046	602374.09	979714.98	1302.09
99062	599070.77	977055.18	1286.1

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 19401 — L.E. ADAMS — ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.		6-30-2000

SHEET 21 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E

LEGEND

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

ELEVATION REFERENCE MARKS

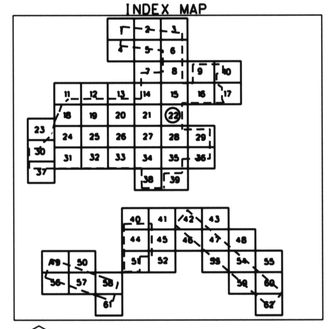
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #12	1292.23	BC on 75th Ave and centerline (P.C. +/-400' South of East¼Corner Section 14, T4N,R1E N: 977959.81 E: 607618.83

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 29401 — JEFF HARBERS — Signed 6-21-00 — ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.		6-20-2000

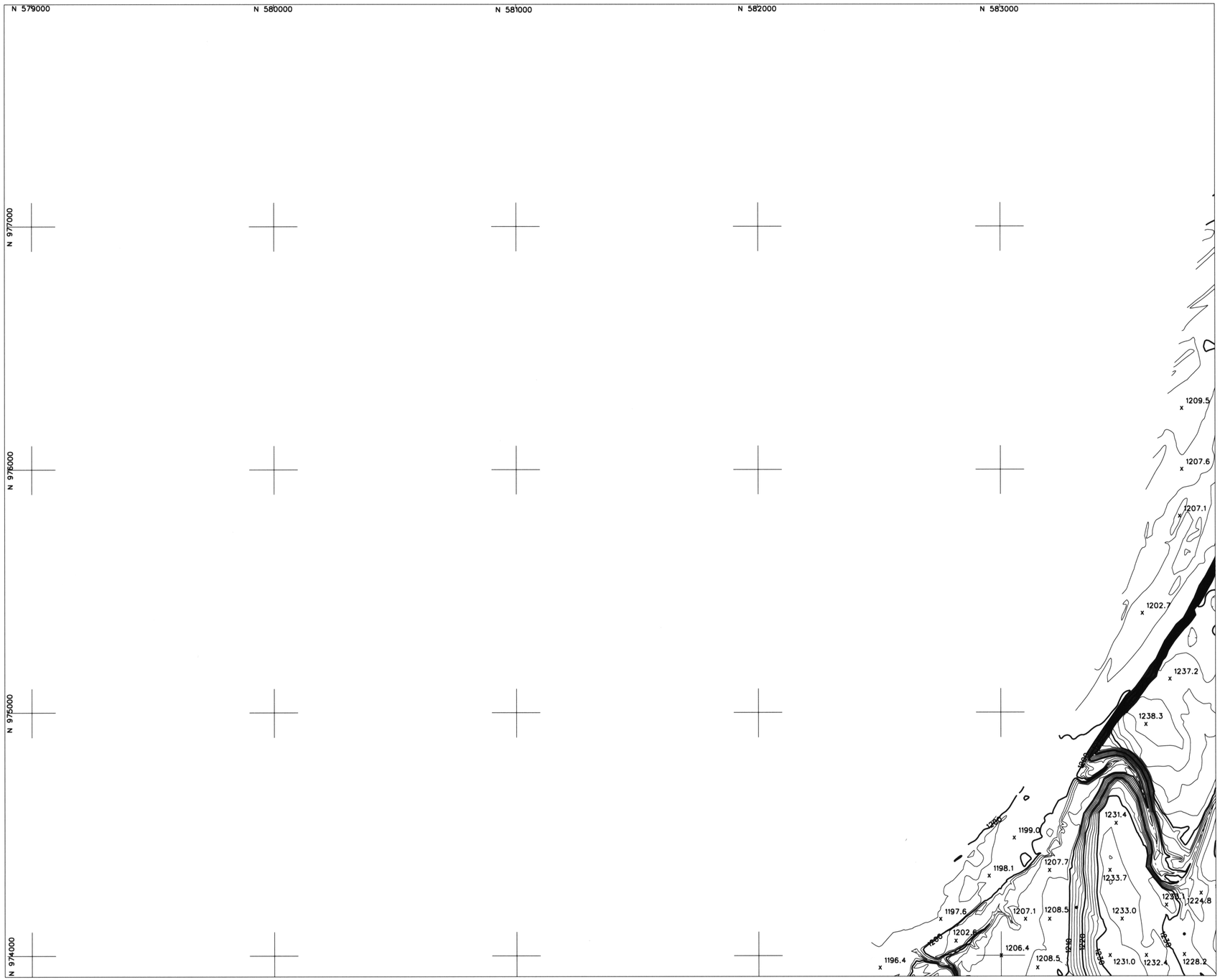
SHEET 22 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

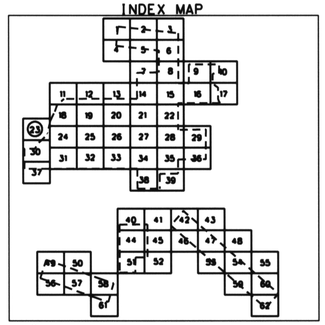
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	R.P.	6-20-2000
PLANS		
PLANS CHK.	[illegible]	6-20-2000

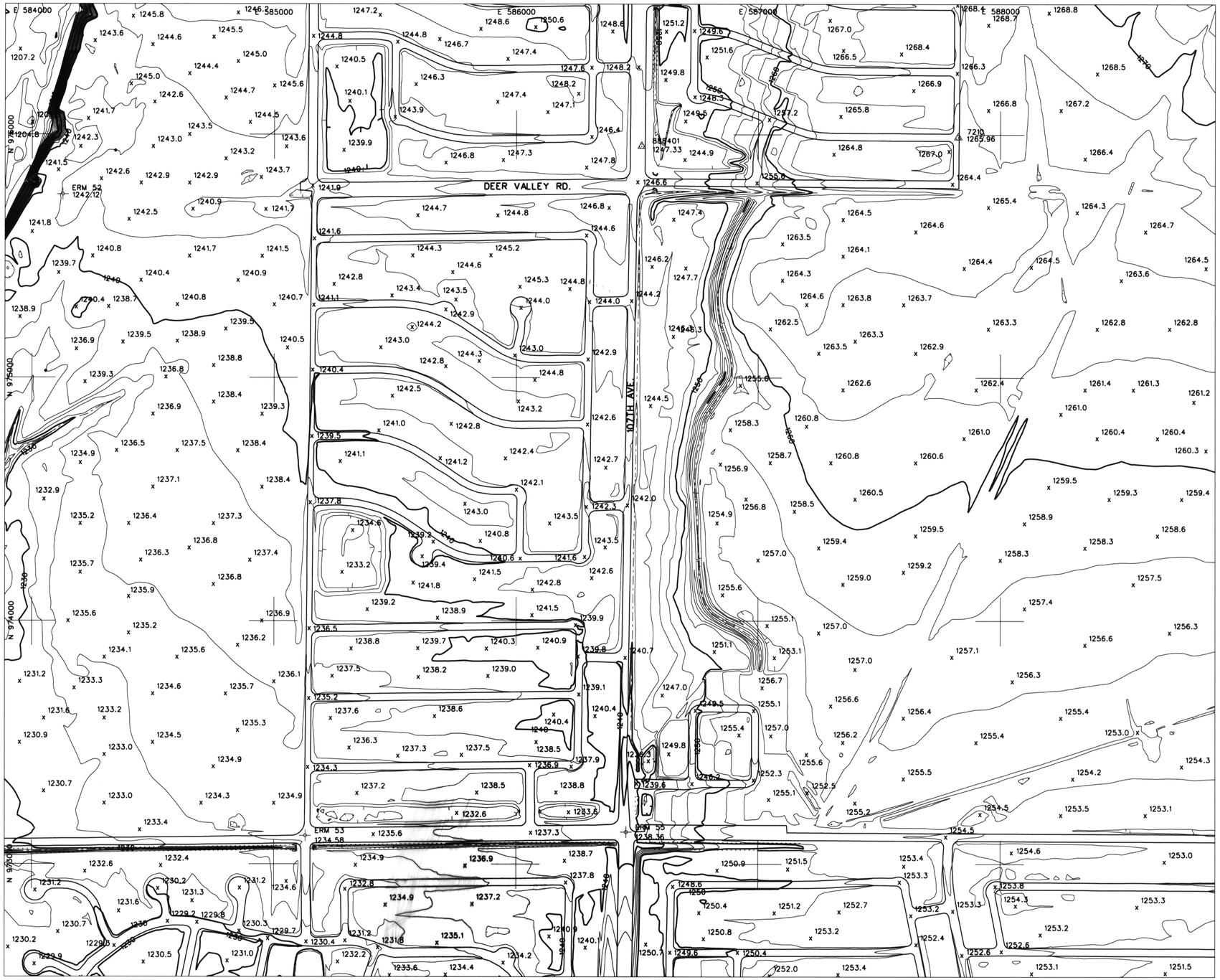
SHEET 23 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1W
T4N, R1E



LEGEND

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

ELEVATION REFERENCE MARKS

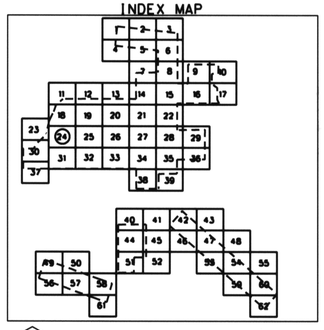
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #52	1242.12	⅝" rebar +/-60' North of wooden power pole on wooden power line along alignment of Deer Valley Road +/- 800' West of 109th Ave. Point is 150' West of transmission tower line and +/- 100' East of top of Agua Agua Fria River. N: 975753.76 E: 584126.93
ERM #53	1234.58	Brass cap at centerline of 109th Ave and Rose Garden. N: 973116.71 E: 585129.59
ERM #55	1238.36	BC in handhole at intersection of 107th Ave and Rose Garden N: 973131.56 E: 586454.51

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7210	587825.22	975989.38	1265.96
888401	586517.21	975952.33	1247.33

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.P.	6-20-2000
PLANS		
PLANS CHK.	[illegible]	6-20-2000

SHEET 24 OF 62

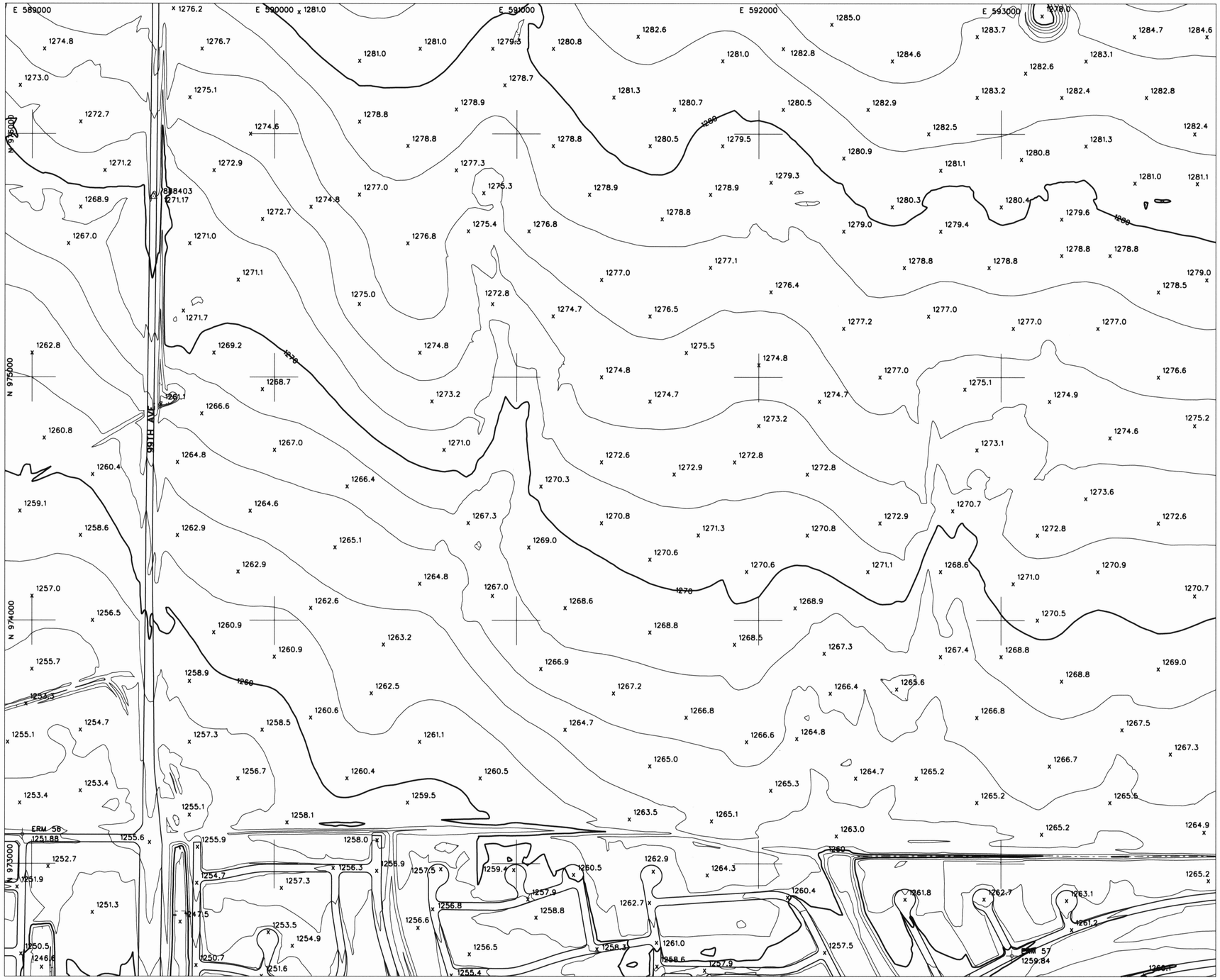
REGISTERED LAND SURVEYOR CERTIFICATE NO. 20901 STATE OF ARIZONA U.S.A.

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

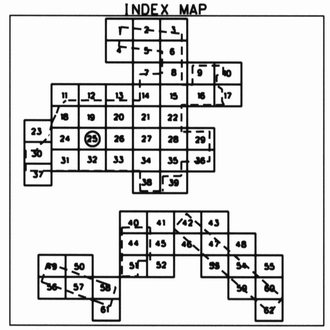
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #56	1251.88	Brass cap (flush) at intersection of 102nd Lane and Rose Garden. Monument on north edge of pavement on Rose Garden in line w/ centerline projection on 102nd Lane. N: 973120.71 E: 588961.29
ERM #57	1259.84	Brass cap at intersection of 96th Drive and Ross (centerline of Ross at projection of centerline of 96th - easterly of two BC's) N: 972621.65 E: 593044.84

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
888403	589499.66	975742.56	1271.17

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 20001 LEE A. WATKINS ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-22-2000
PLANS		
PLANS CHK.		6-30-2000

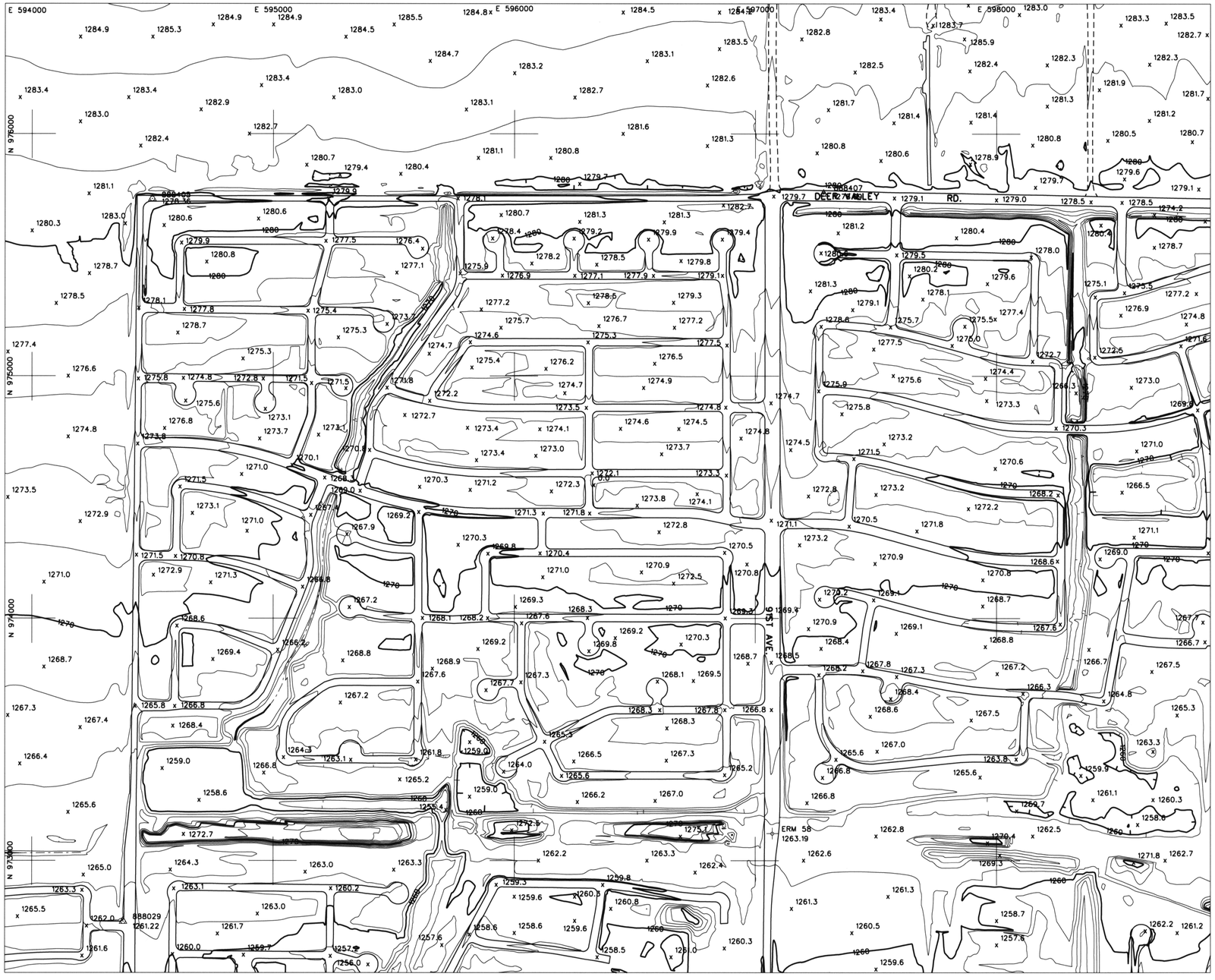
SHEET 25 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

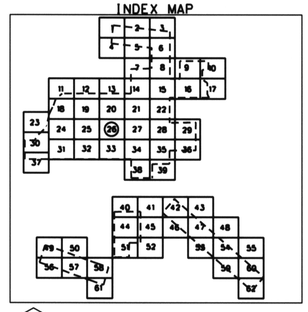
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #58	1263.19	City of Peoria brass cap in handhole in centerline of 91st Ave. 1/2mile north of Beardsley. Monument is in East edge of center turn lane. N: 973111.48 E: 597070.55

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
888405	594498.61	975731.49	1278.36
888407	597282.81	975751.83	1278.99
888029	594378.85	972747.95	1261.22

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	E. P.	6-20-2000
PLANS		
PLANS CHK.		6-30-2000

SHEET 26 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1E

LEGEND

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

ELEVATION REFERENCE MARKS

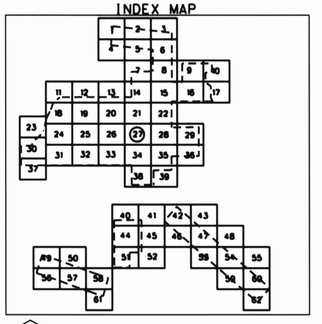
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #59	1280.12	ADOT brass cap stamped "PT4475" epoxied to well casing at the Southwest corner of 83rd Ave and Deer Valley Road. N: 975605.43 E: 602235.55

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7019	599631.7	975023.34	1268.83
7022	603283.67	973346.08	1268.27
888043	602233.09	973189.21	1267.81

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE A. HARBERTS Date Signed 7-17-00 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.P.	6-22-2000
PLANS		
PLANS CHK.		6-30-2000

SHEET 27 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E

LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
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UTILITY POLES
WASH
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TRANSMISSION TOWERS
BUILDINGS

ELEVATION REFERENCE MARKS

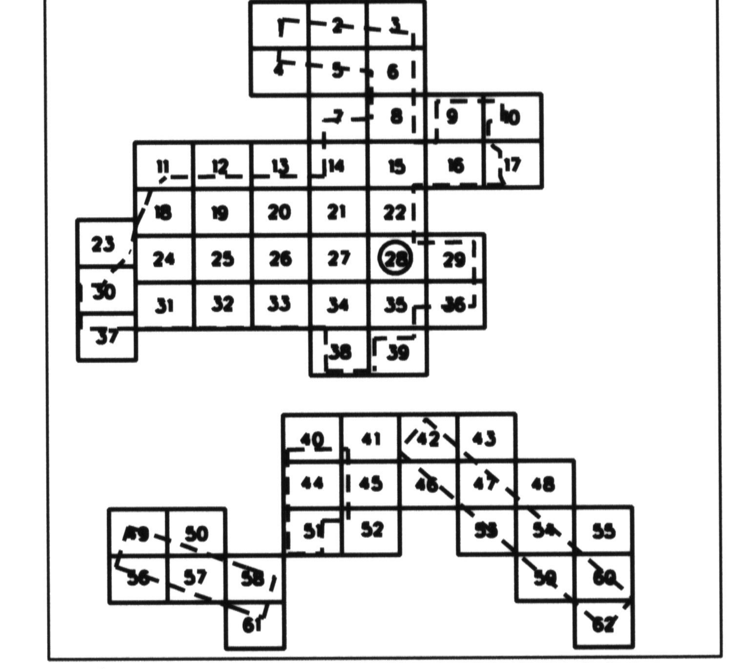
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 76	1282.29	City of Glendale BC at intersection of Deer Valley and 79th Ave N: 975677.96 E: 604284.22
ERM #61	1267.31	City of Peoria brass cap at intersection of 79th Ave and Frank. Approx center of Sec 23. T4N.R1E N: 973184.32 E: 604821.55
ERM #10	1269.56	C.O.G. BC in handhole at intersection of 75th Ave and Rose and Rose Garden Ln. N: 973052.17 E: 607608.97
ERM #11	1282.71	Maricopa County BC in handhole at intersection of 75th Ave and Deer Valley Road N: 975699.55 E: 607625.37

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99085	606938.32	975669.35	1273.82
888409	608450.10	973109.42	1269.67

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 26401
LEE HARBERS
Date Signed 6-21-2000
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O. P.	6-20-2000
PLANS		
PLANS CHK.	[signature]	6-20-2000

SHEET 28 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E

LEGEND

- ELEVATION REFERENCE MARK
- AERIAL CONTROL POINTS
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- BRIDGE
- UTILITY POLES
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- BUILDINGS

ELEVATION REFERENCE MARKS

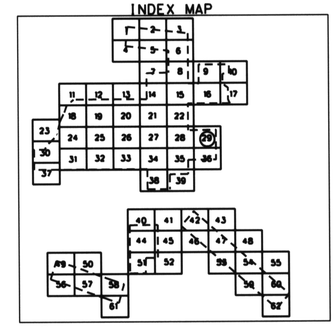
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #62	1271.45	City of Glendale BC at Intersection of Monona and 67th Drive N: 973342.98 E: 612670.61

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7205	611172.85	975205.54	1287.07
888410	610145.16	974895.91	1288.15
888411	611798.59	975226.89	1287.82

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 28401 LEE W. HARBERS ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6/22/00
PLANS		
PLANS CHK.		

SHEET 29 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E
T4N. R2E

LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
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RIVER
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TRANSMISSION TOWERS
BUILDINGS

ELEVATION REFERENCE MARKS

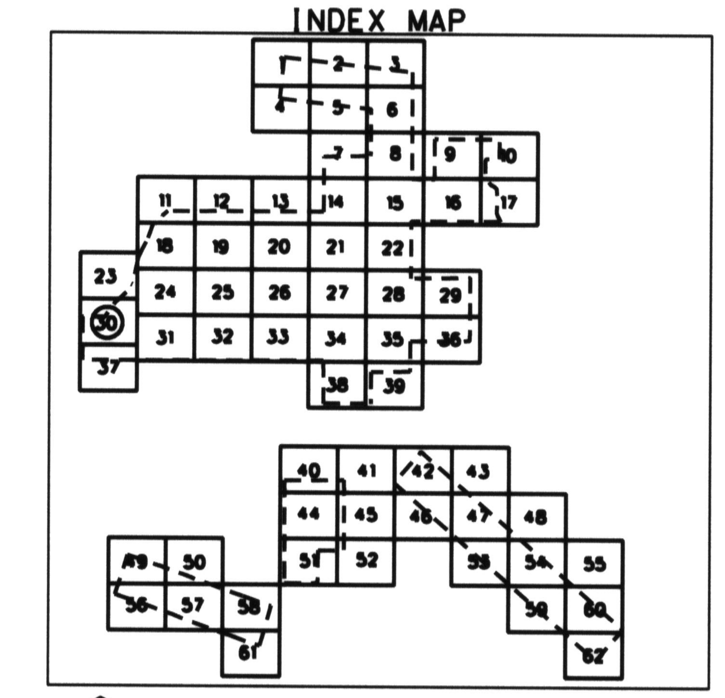
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #29	1189.57	BC at intersection of Coyote Springs Pkwy and 115th Drive N: 970108.40 E: 580839.60

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7011	579379.34	972075.64	1193.82
888023	583806.25	970472.14	1221.86
99031	581777.07	973180.63	1193.8

INDEX MAP



200 0' 200 400
SCALE: 1" = 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE BARBERS Date Signed 6-21-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O. P.	6-20-2000
PLANS		
PLANS CHK.	Kathy Olander	6-20-2000

SHEET 30 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1W
T4N. R1E

LEGEND

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

ELEVATION REFERENCE MARKS

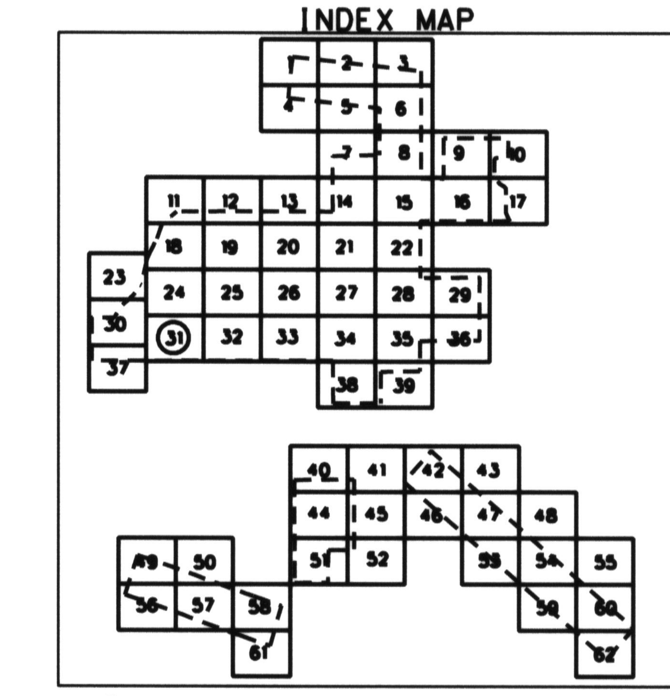
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 53	1235.21	Maricopa County brass cap intersection of Welk Drive and Turquoise Hill Dr. N: 969144.46 E: 587209.29

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7012	583967.13	968735.92	1216.72
888024	586457.33	970540.84	1240.35

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE BARBERS Date Signed 6-21-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D. P.	6-20-2000
PLANS		
PLANS CHK.	[signature]	6-20-2000

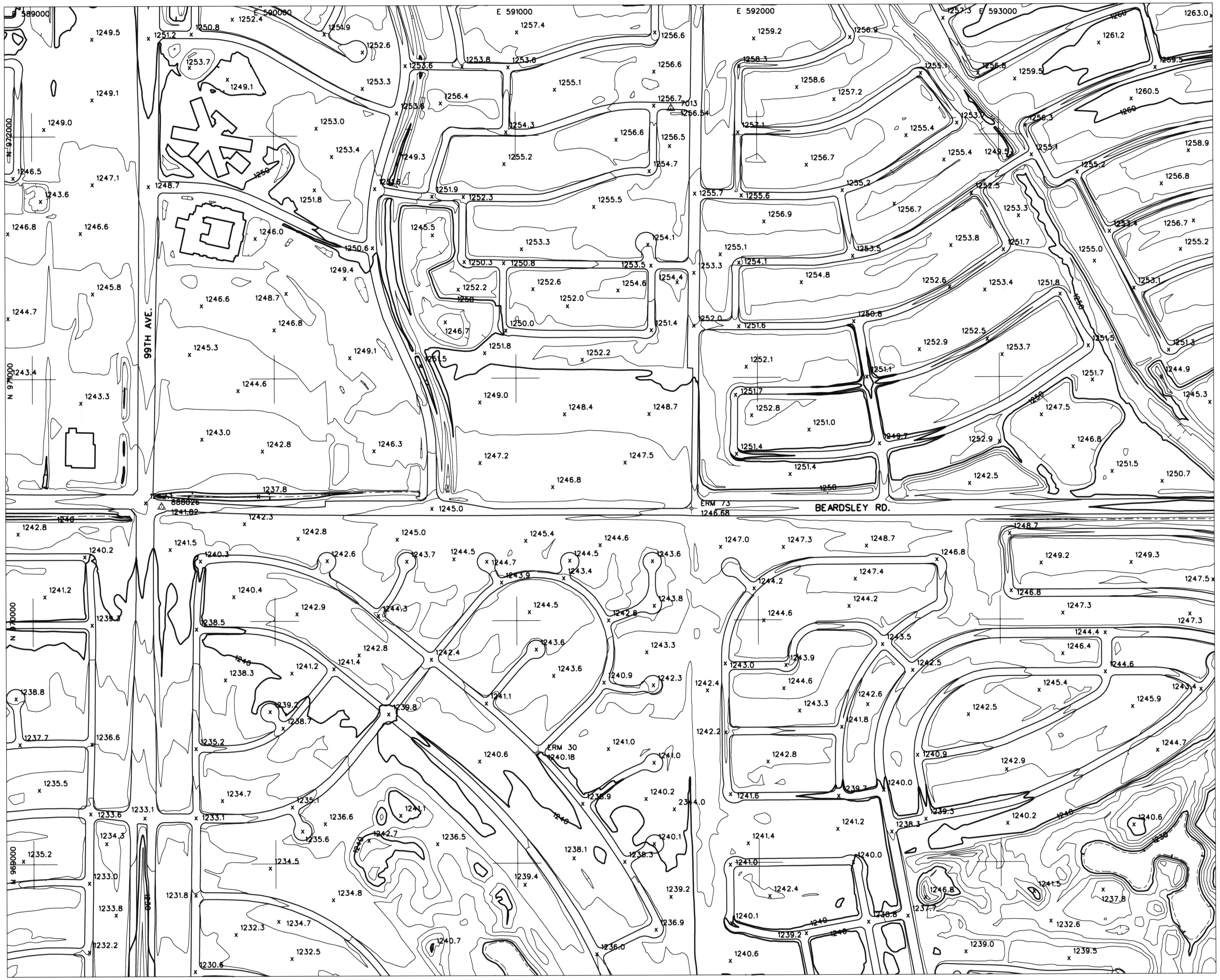
SHEET 31 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1E



LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
ROADS
DIRT ROADS
BRIDGE
UTILITY POLES
WASH
RIVER
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CANAL
TRANSMISSION TOWERS
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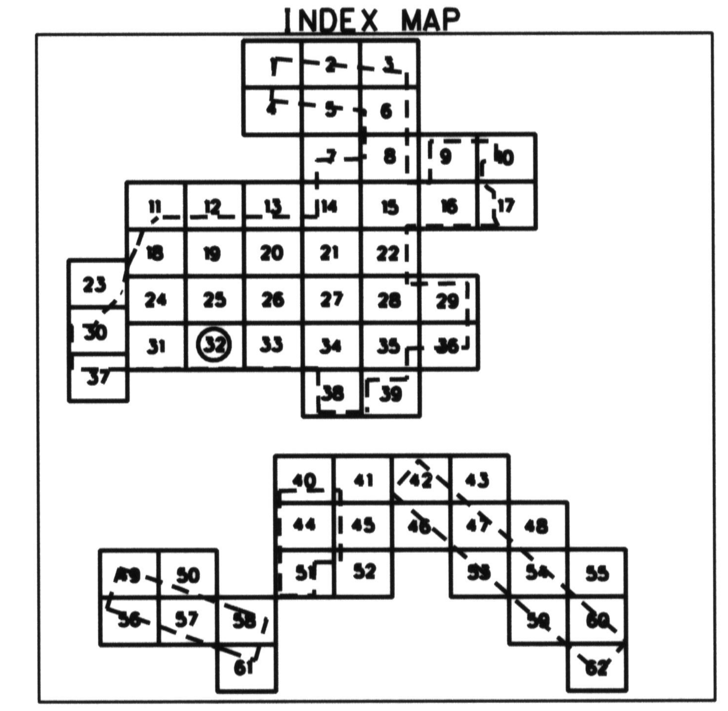
ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 30	1240.18	Maricopa County BC at intersection of Pine Springs and Hassayampa. N: 969456.77 E: 591086.22
ERM# 73	1246.68	BC in handhole at intersection of 99th Ave and Beardsley N: 970460.81 E: 591724.3

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7013	591644.56	972110.11	1256.54
888026	589532.58	970473.17	1241.82



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

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DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	Kathy Alonda	6-20-2000

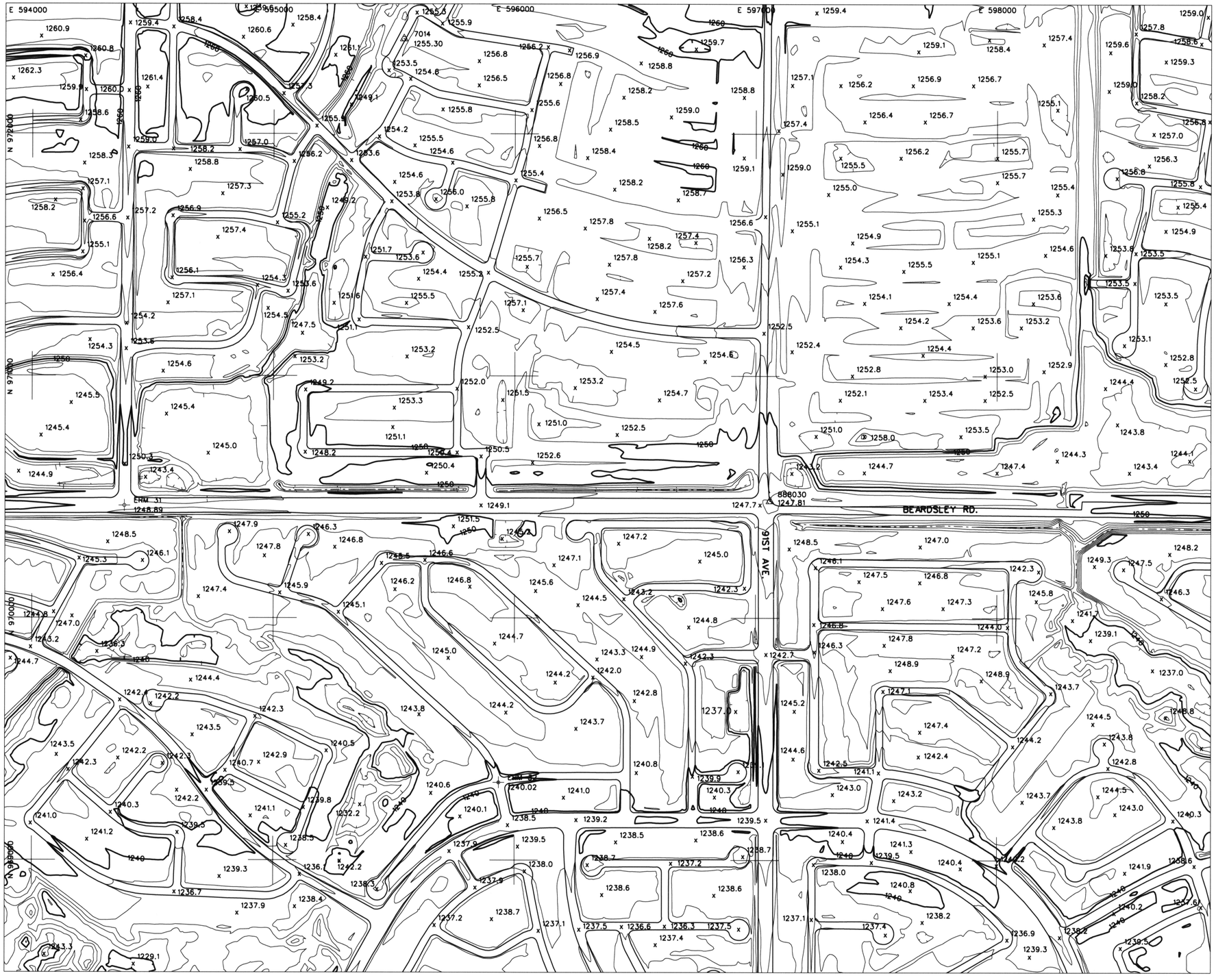
SHEET 32 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1E



LEGEND

- ELEVATION REFERENCE MARK
- AERIAL CONTROL POINTS
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- BUILDINGS

ELEVATION REFERENCE MARKS

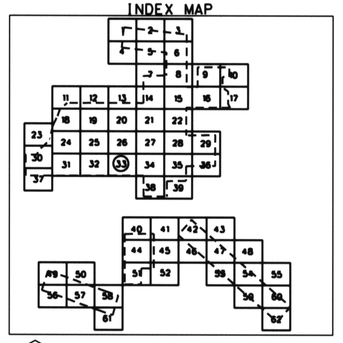
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 31	1248.89	BC in handhole at intersection of 95th Ave and Beardsley N: 970463.71 E: 594383.1
ERM # 32	1240.02	Brass cap at intersection of West Behrend and West Escuda N: 969320.67 E: 595934.49

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7014	595538.68	972392.33	1255.3

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 20401 LEE HARGENS Not Valid Without Signature ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-20-2000
PLANS		
PLANS CHK.	Kathy Chanta	6-20-2000

SHEET 33 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E

LEGEND

ELEVATION REFERENCE MARK
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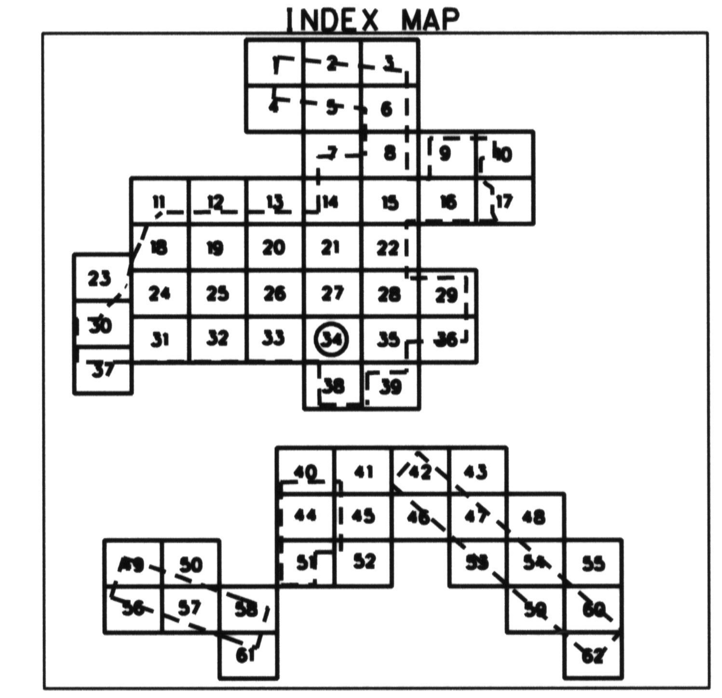
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 33	1253.76	City of Peoria BC at intersection of 81st Ave and Beardsley N: 970414.07 E: 603478.95

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7018	599556.81	969178.64	1238.96
99068	600913.15	970452.3	1252.54
888039	602347.59	970461.22	1255.18

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

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2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE J. HARBERS Date Signed 6-21-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O. P.	6-20-2000
PLANS		
PLANS CHK.	[signature]	6-22-2000

SHEET 34 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1E

LEGEND

ELEVATION REFERENCE MARK
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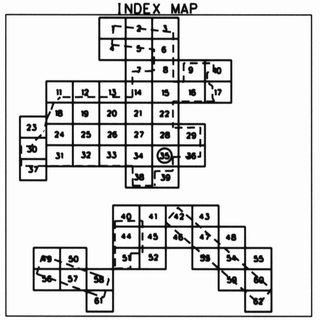
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 9	1254.71	ADOT aluminum cap along the North side of 101 Freeway (P.O.C. Sta. 918+00.00) N: 970052.7 E: 604816.57
ERM # 34	1258.43	ADOT brass cap in handhole @ 75th Ave and 101. Monument is in traffic island on centerline of 75th Ave on South side of 101 N: 970404.64 E: 607593.43

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26901 LEE J. HARRIS ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-20-2000
PLANS		
PLANS CHK.	K.V.O.	6-30-2000

SHEET 35 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E

LEGEND

ELEVATION REFERENCE MARK	
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ELEVATION REFERENCE MARKS

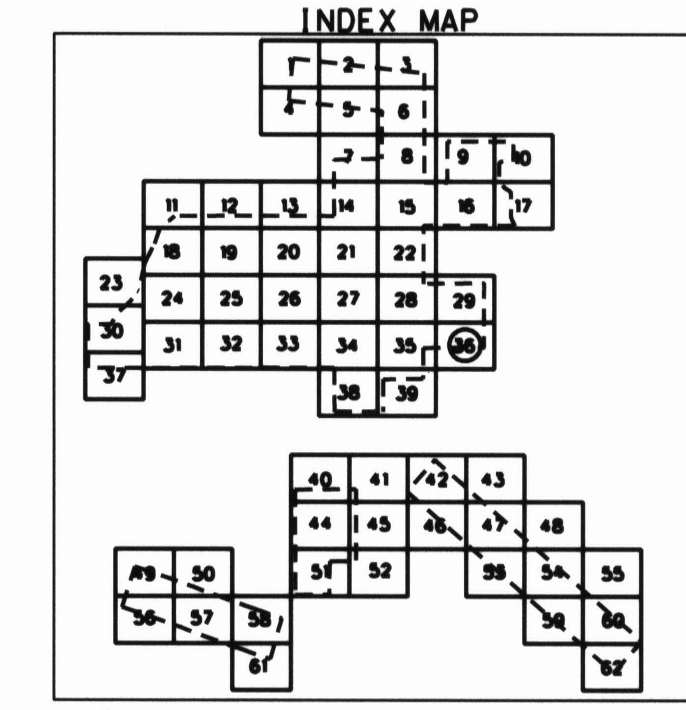
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 74	1255.33	Survey monument at North end of bullnose on centerline of 67th Ave on South side of eastbound on/off ramp for 101 Freeway N: 970450.69 E: 612879.55

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7206	1259.31	971424.01	610796.92

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO 26401 LEE HARBERS Date Signed 6-21-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	R.V.O.	6-20-2000

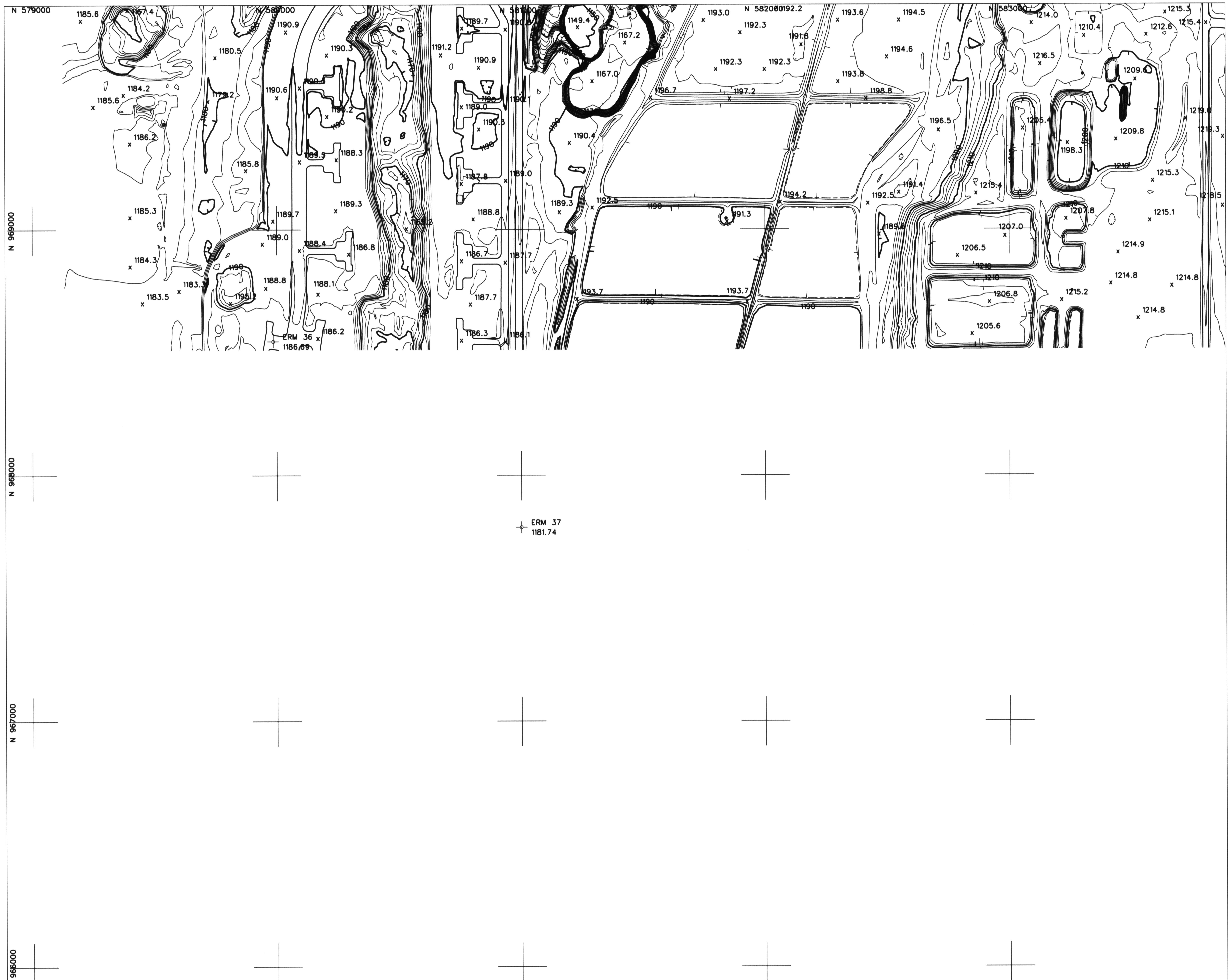
SHEET 36 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N, R1E
T4N, R2E



LEGEND

ELEVATION REFERENCE MARK
AERIAL CONTROL POINTS
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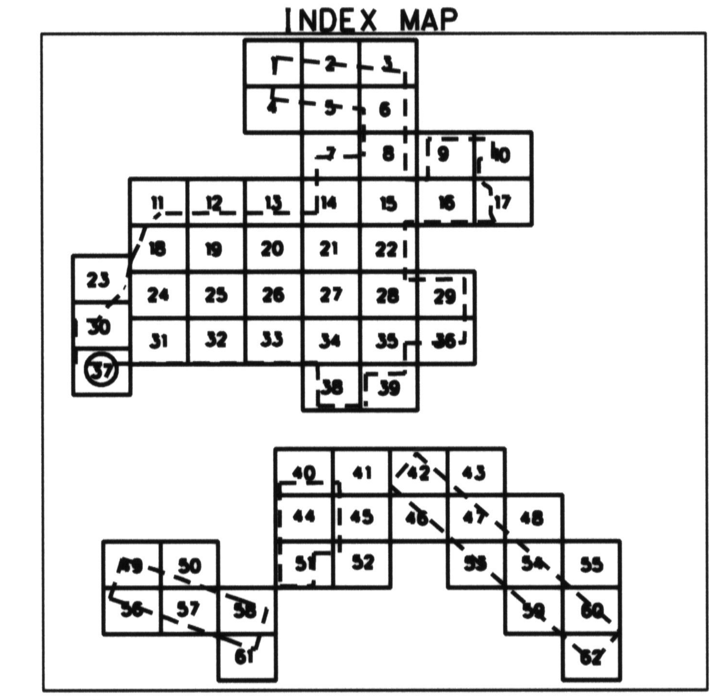
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 36	1186.69	Brass cap at Pine Mountain Ct. cul-de-sac on West side of Coyote Springs Pkwy N: 968545.14 E: 579984.87
ERM # 37	1181.74	Aluminum cap on East edge of 115th Ave. 1.5 mile North of Bell Road. N: 967788.44 E: 580999.58

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Date Signed 6.21.2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	RVO	6-20-2000

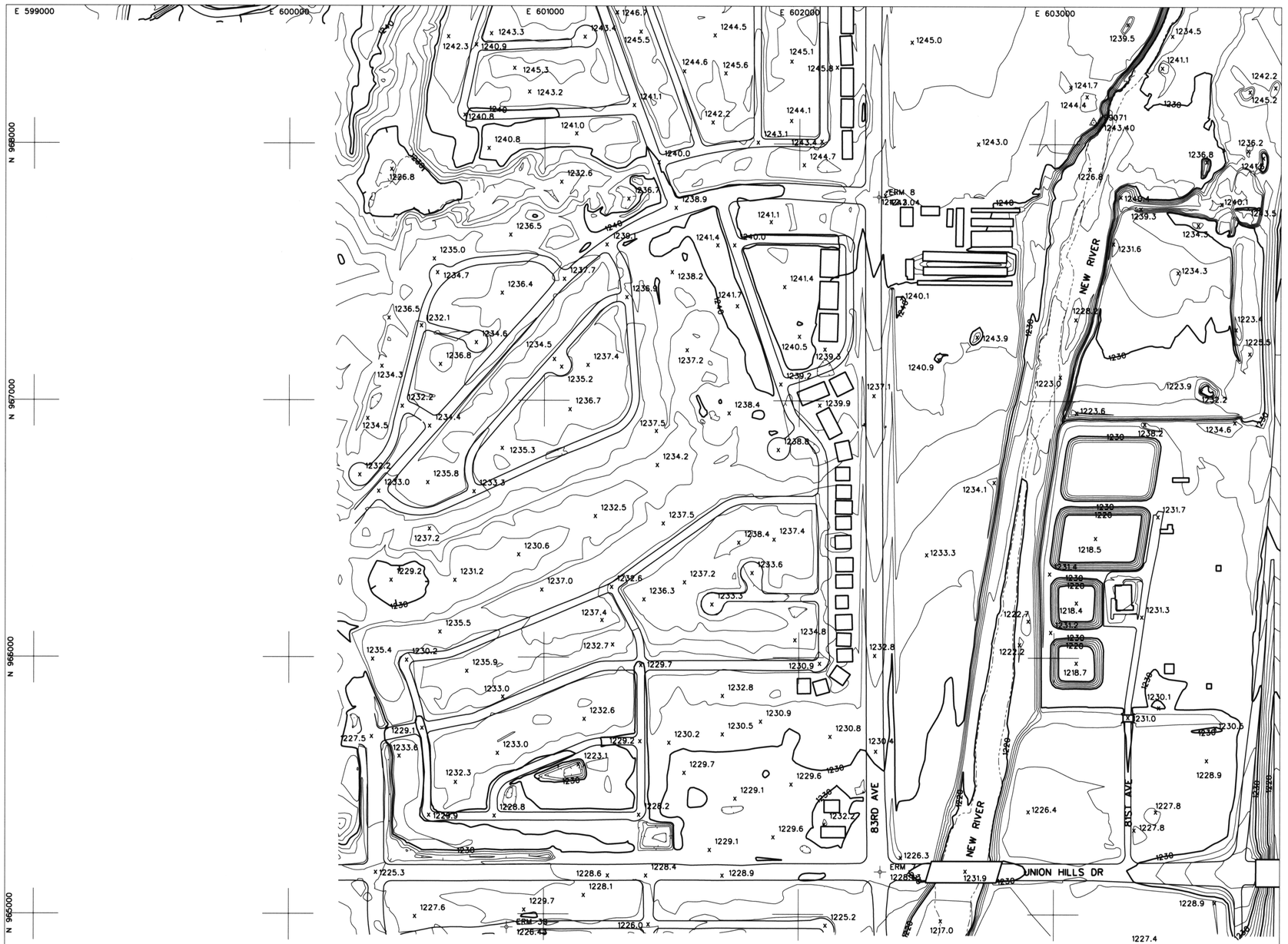
SHEET 37 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1W
T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

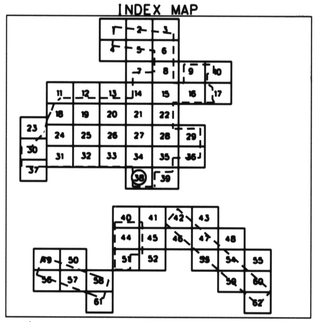
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #38	1226.43	Brass cap in centerline of Audrey, 1 block East of Country Club." N: 964948.70 E: 600854.96
ERM #7	1228.43	C.O.P. BC in handhole at intersection of 83rd Ave and Union Hills Road N: 965165.98 E: 602319.85
ERM #8	1243.04	2" iron pipe in handhole at the intersection of 83rd Ave and Village Pkwy. N: 967784.09 E: 602310.36

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99071	603150.91	968085.74	1243.4

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-20-2000
PLANS		
PLANS CHK.	W.N.O.	6-20-2000

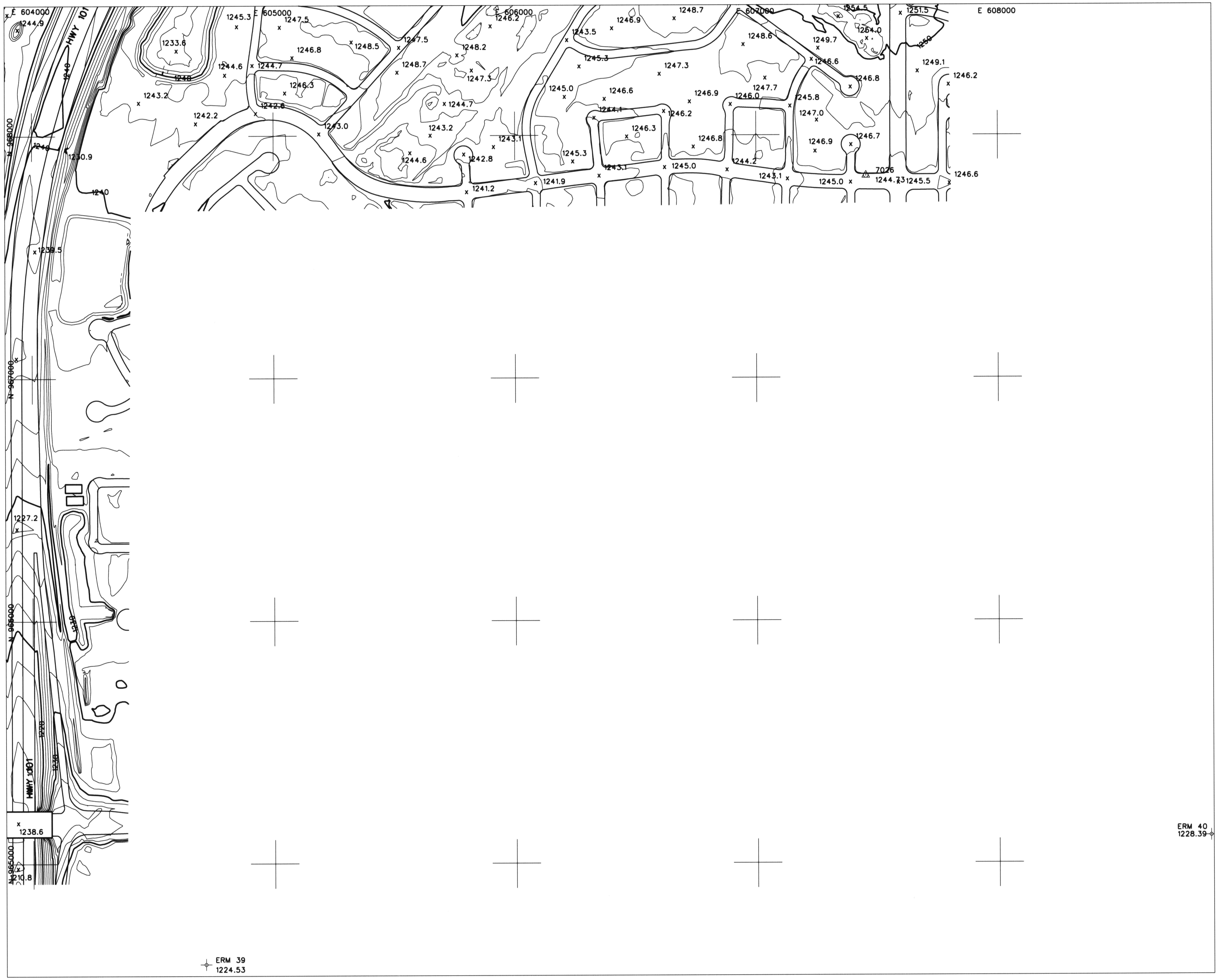
SHEET 30 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T5N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

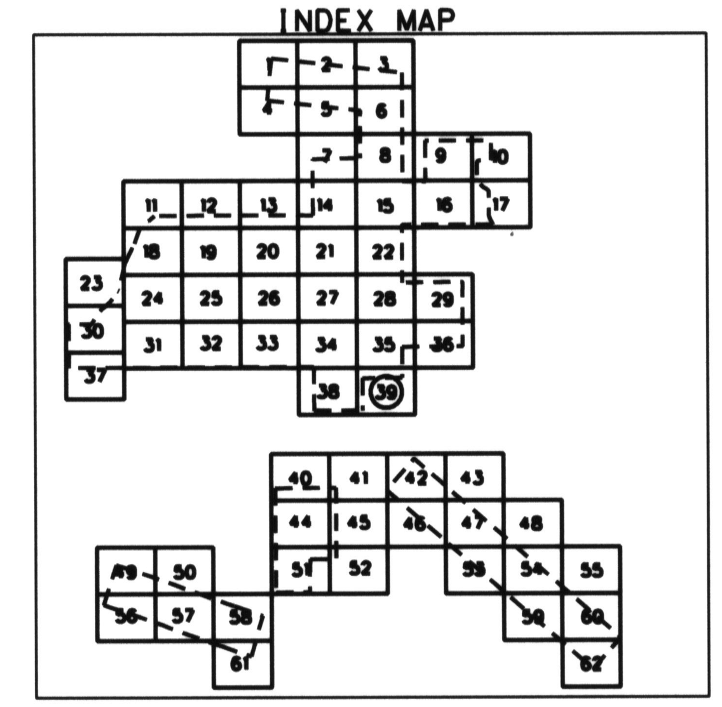
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 39	1224.53	C.O.P. brass cap in southbound left-turn lane entrance to 18555 N. 79th Ave 1 block South of Union Hills. N: 964584.20 E: 604712.28
ERM # 40	1228.39	Survey monument in handhole at intersection of 73rd Ave and Union Hills N: 965109.31 E: 608877.05

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7026	6074584.61	967831.78	1244.73

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE BARBERS Date Signed 6.21.2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O. P.	6-20-2000
PLANS		
PLANS CHK.	K.V.O.	6-20-2000

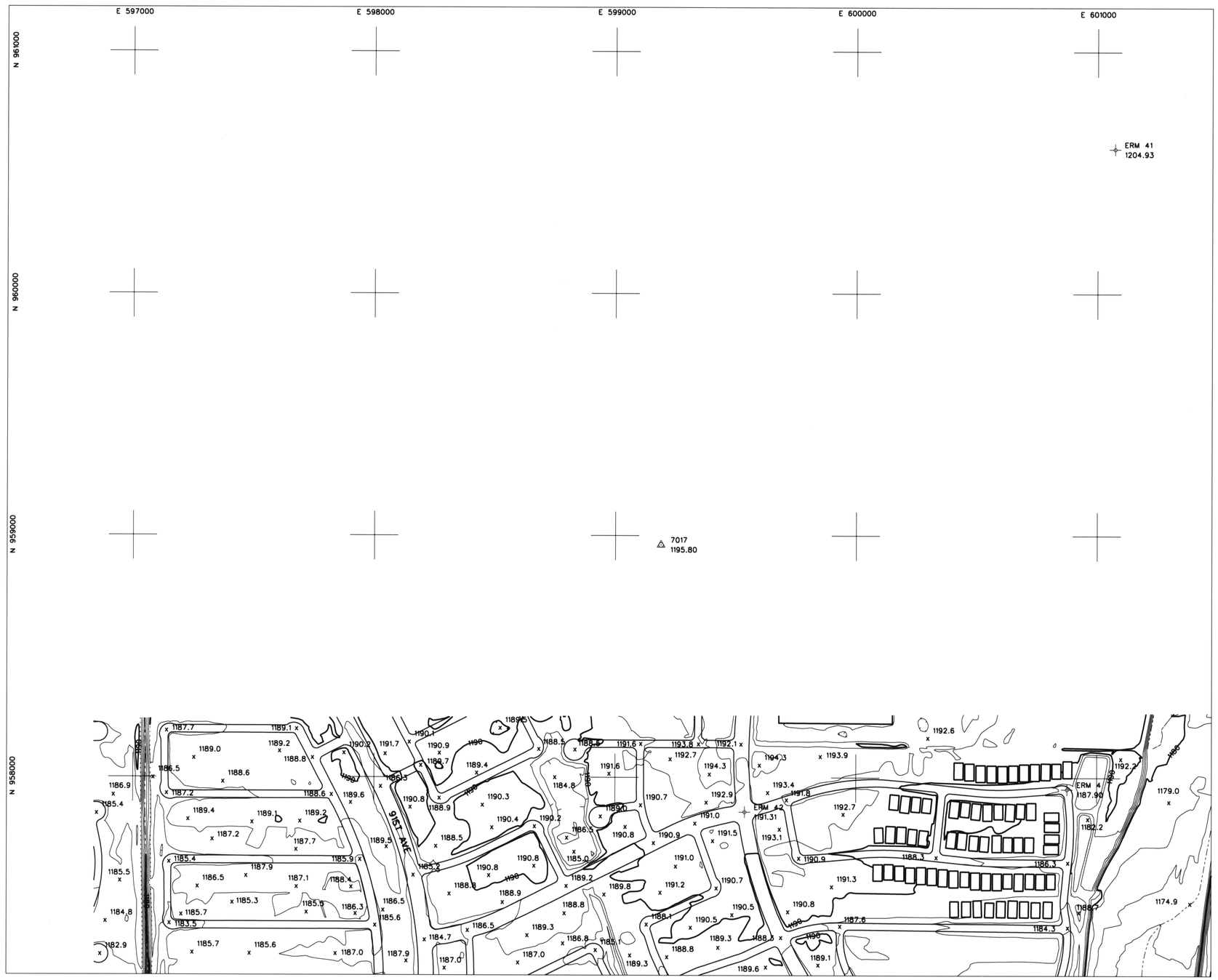
SHEET 39 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

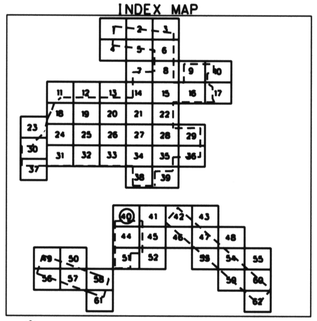
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 41	1204.93	C.O.P. brass cap at intersection of 84th Ave and Continental Drive. N: 960598.09 E: 601072.17
ERM #42	1191.31	C.O.P. brass cap at intersection of 87th Ave and Paradise Lane. N: 957857.81 E: 599538.85
ERM #4	1187.9	C.O.P. BC at intersection of 86th Ave and Paradise Lane. N: 957952.51 E: 600876.51

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7017	599189.11	958961.53	1195.8

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25401 LEE REYNOLDS Expires 6-30-01 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	R.R.	6-26-2000
PLANS		
PLANS CHK.	W.W.	6-30-2000

SHEET 40 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N, R1E

E 602000 E 603000 E 604000 E 605000 E 606000

N 960000

N 960000

ERM 5
1202.16

N 959000

N 959000

HWY 101

1" = 200'

LEGEND

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

ELEVATION REFERENCE MARKS

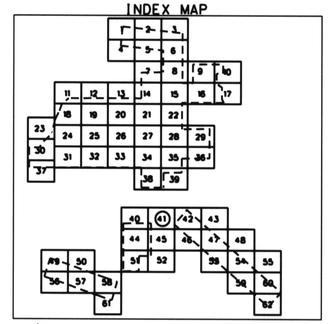
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #5	1202.16	C.O.G. BC in handhole at intersection of 83rd and Bell Road. N: 959865.40 E: 603591.63

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

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

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C. P.	6-20-2000
PLANS		
PLANS CHK.	W.V.P.	6-30-2000

SHEET 41 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E

E 607000 E 608000 E 609000 E 610000 E 611000

N 961000 N 960000 N 959000 N 958000

BELL ROAD

88011
1214.58

99011
1219.28

ERM 45
1217.91

99010
1185.85

SKUNK CREEK

75TH AVE.

THUNDERBIRD PASEO

LEGEND

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

ELEVATION REFERENCE MARKS

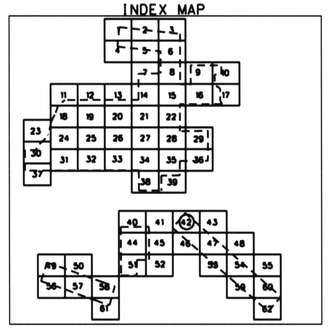
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 43	1214.58	BC marked "WP203" at intersection of Bell and 73rd. N: 959878.22 E: 608915.69
ERM #45	1217.91	Maricopa County BC at intersection Paradise and 71st Ave N: 957664.87 E: 610098.86
ERM #44	1212.82	Brass cap "US ARMY CORP OF ENG. STA Designation AC-89-3-DC 1989- USCE LADO" at 75th Ave & AZ Canal at Southwest Corner of bridge. N: 957531.30 E: 607646.38

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99011	609613.49	959931.65	1219.28

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 29401 LEE WARREN 6-21-00 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	RVD	6-20-2000

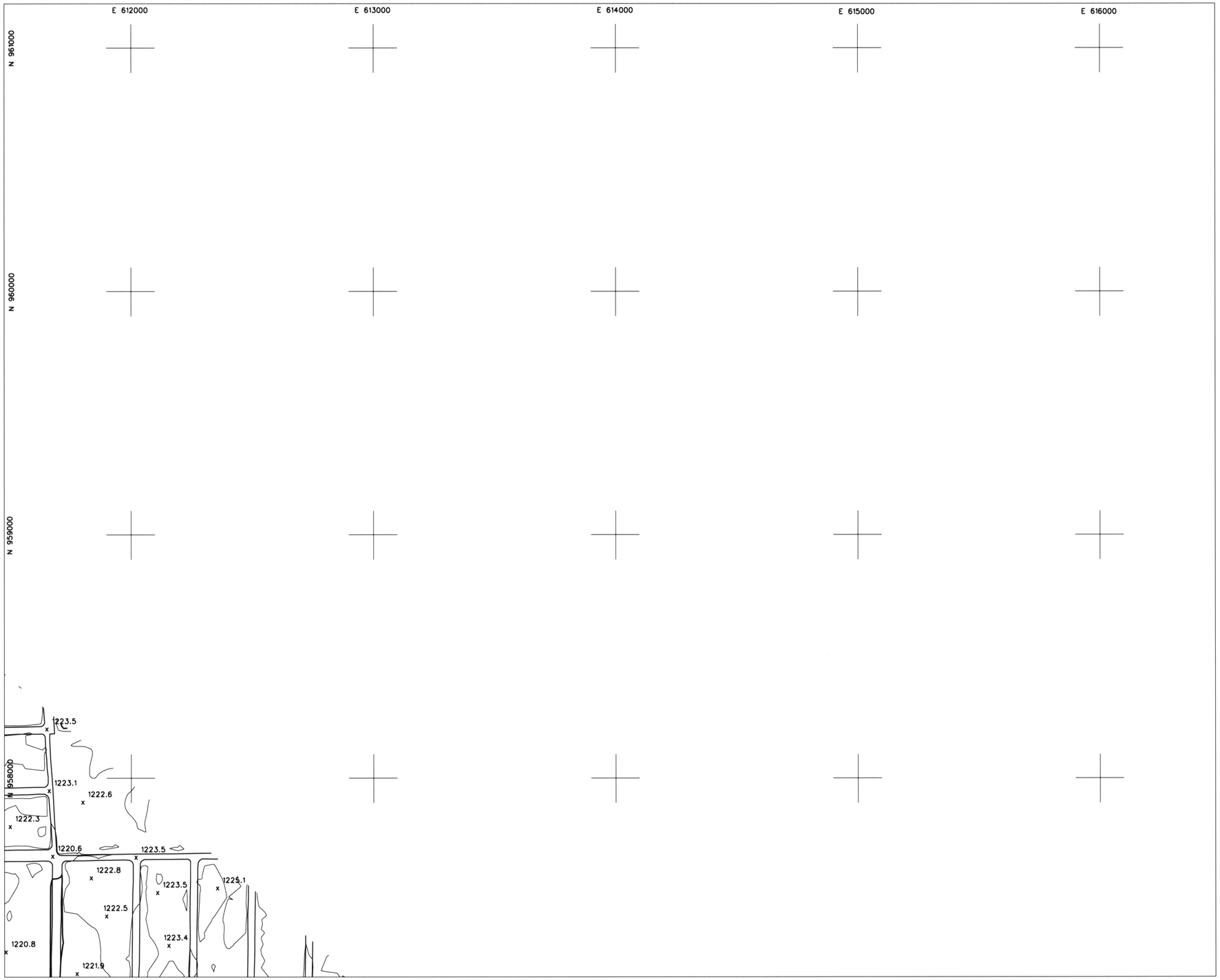
SHEET 42 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T4N. R1E
T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

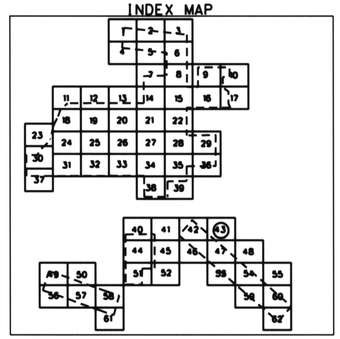
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
26401
LEE
BROOKS
Date Signed 11-6-00
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C. H.	6-20-2000
PLANS		
PLANS CHK.	W. G.	6-30-2000

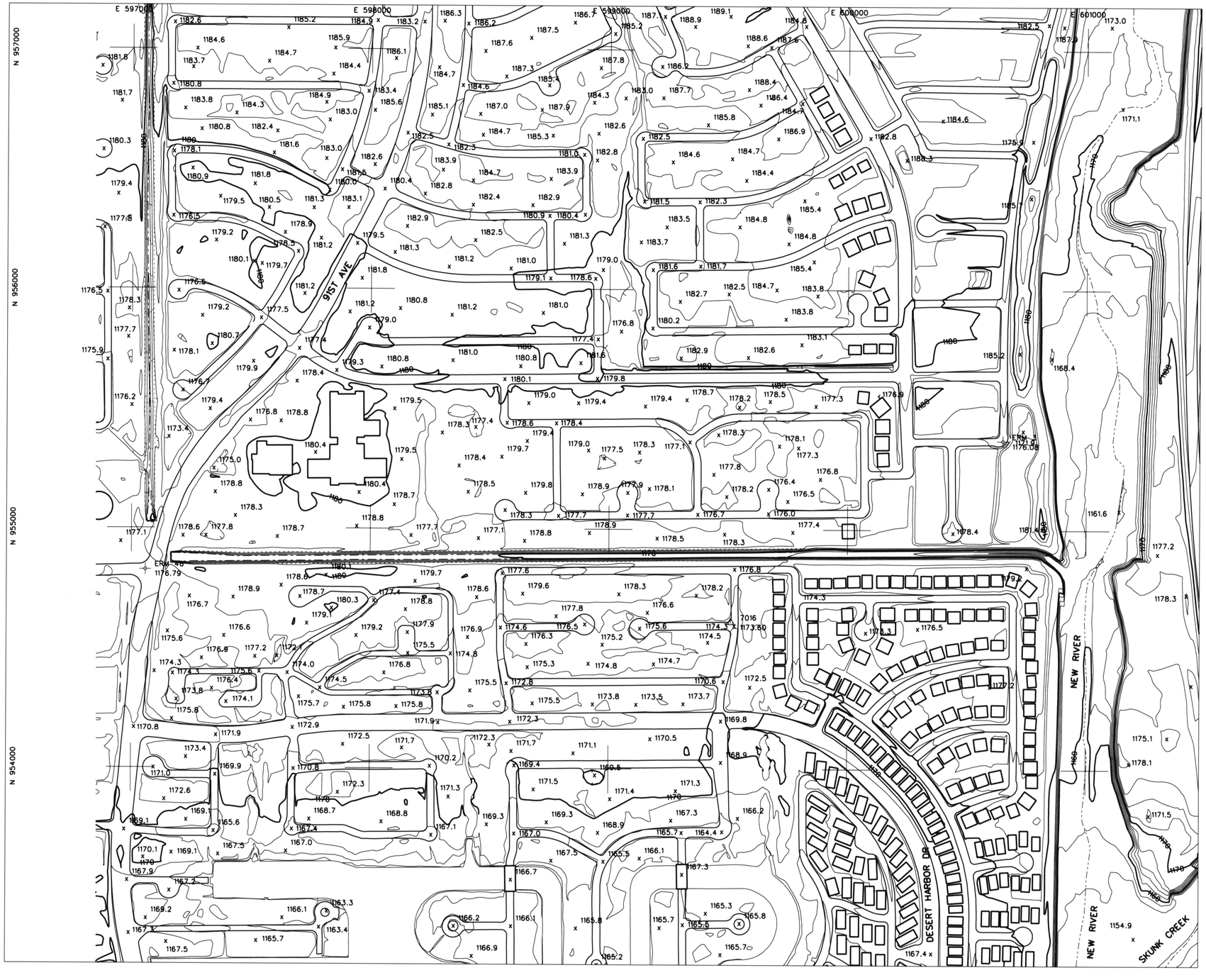
SHEET 43 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

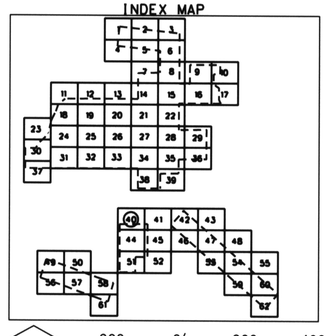
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #3	1176.08	C.O.P. BC at intersection of 86th Drive and Betty Elyse Lane. N: 955371.46 E: 600649.88
ERM #46	1176.79	C.O.P. brass cap in handhole at 91st Ave and Greenway. On West side of 91st Ave in line with left turn lane on Eastbound Greenway N: 954826.77 E: 597058.57

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7016	599512.19	954613.36	1173.6

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 26401 — RENEWAL 12/31/00 — STATE OF ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	W.V.O	6-20-2000

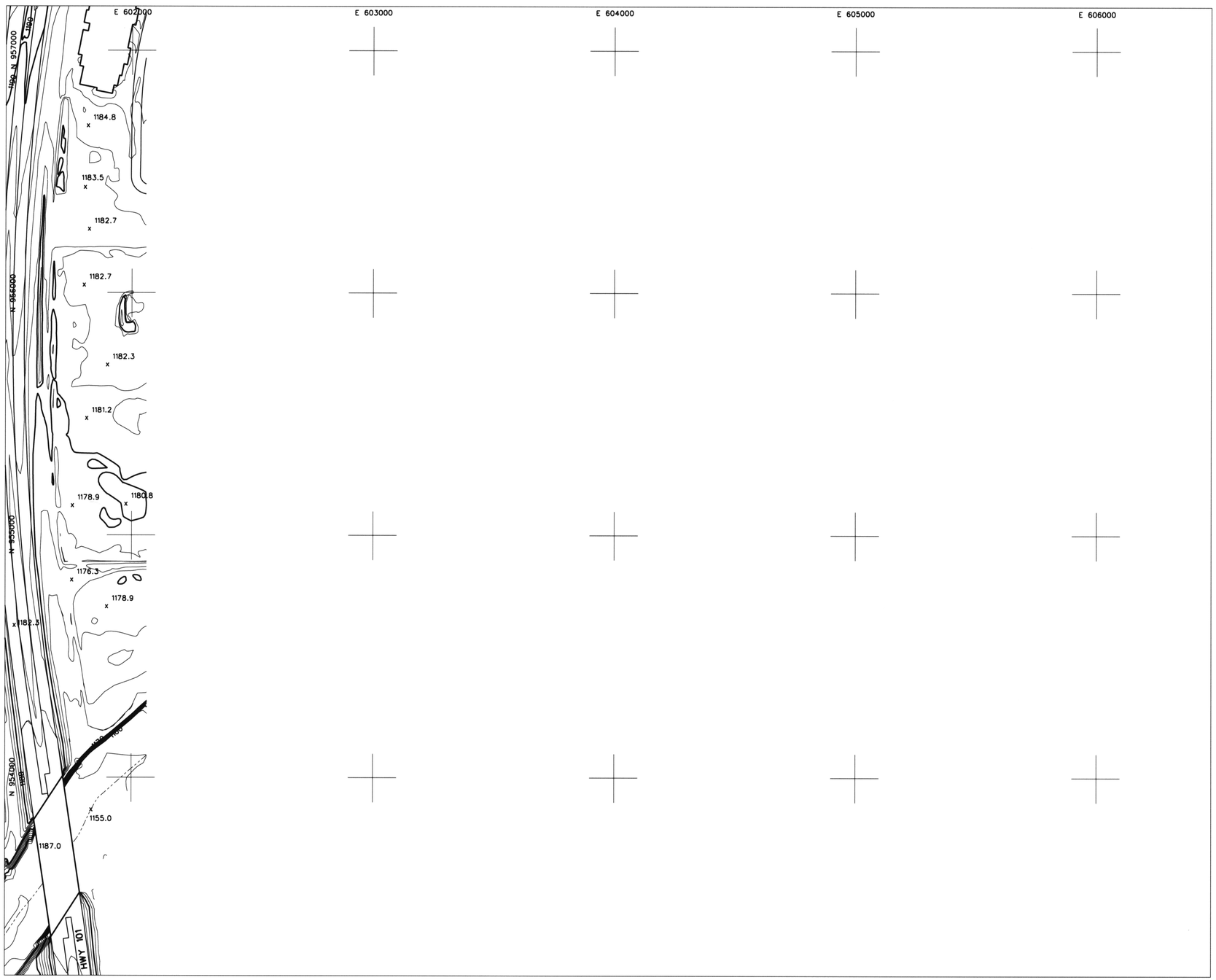
SHEET 44 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

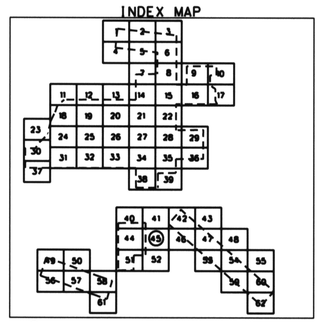
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

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

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	E. P.	6-26-2000
PLANS		
PLANS CHK.	[illegible]	6-30-2000

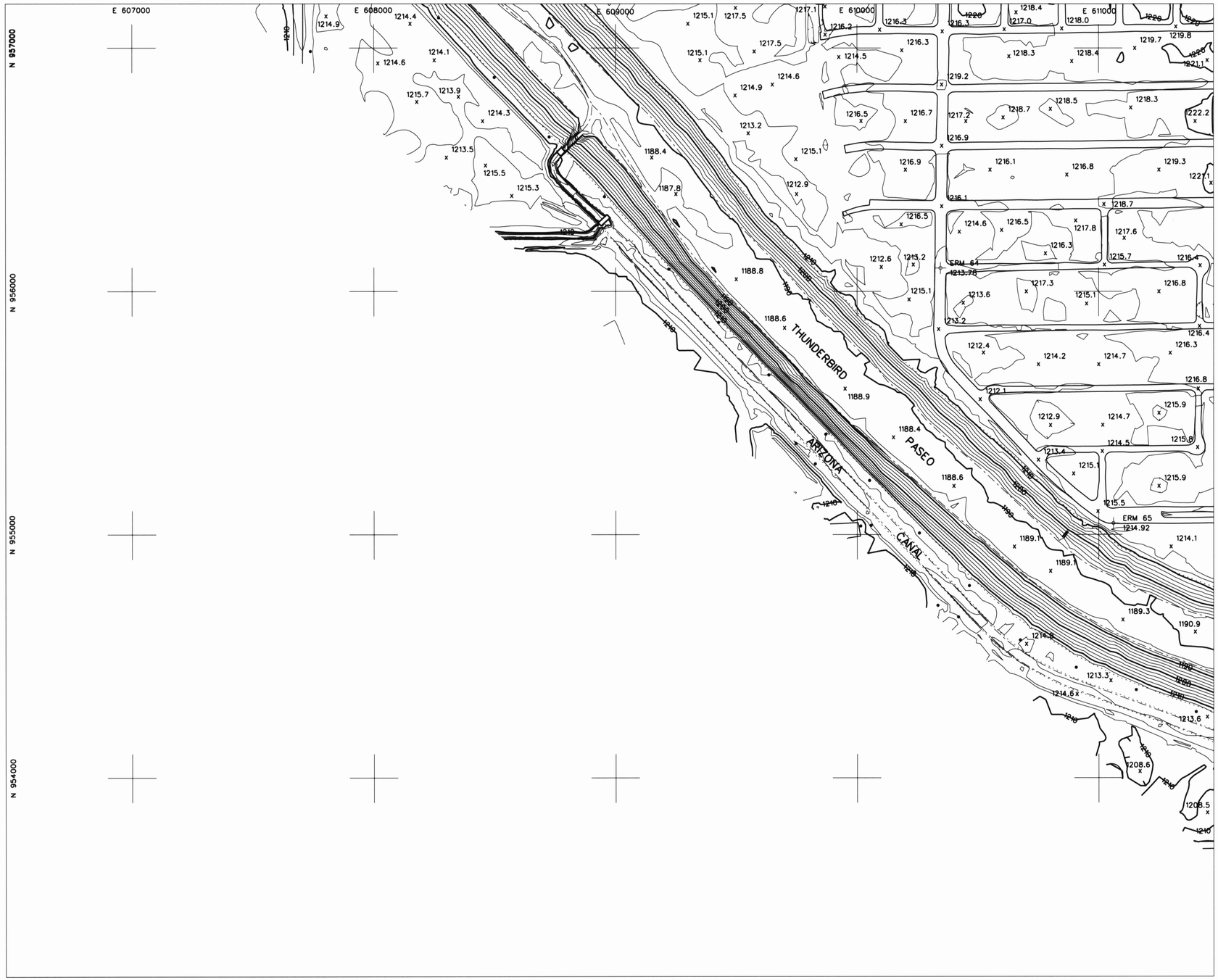
SHEET 45 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

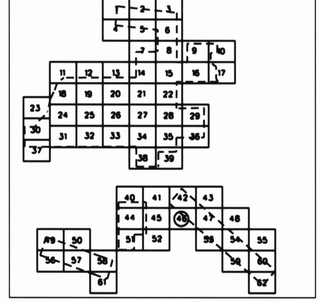
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 64	1213.78	City of Glendale brass cap at the intersection of 71st Ave and Carol Ann. N: 956095.61 E: 610344.87
ERM # 65	1214.92	BC at intersection of 70th Ave and Greenway N: 955047.12 E: 611061.14

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 26401 — LEE — 9/30/00 — ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	Q.P.	6-20-2000
PLANS		
PLANS CHK.	WJW	6-20-2000

SHEET 46 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N, R1E

E 612000 E 613000 E 614000 E 615000 E 616000

N 957000 N 956000 N 955000 N 954000

GREENWAY RD.

67TH AVE

THUNDERBIRD PASEO

ARIZONA CANAL

99008
1223.59

888008
1219.4
1218.04

ERM # 66
1217.29

LEGEND

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

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 66	1217.29	BC at intersection of 67th Ave and Port Au Prince N: 954350.60 E: 612990.91

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99008	613970.74	955883.09	1223.59
888008	612947.47	955036.28	1218.04

INDEX MAP

200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE MARBLE Expires 6-30-2001 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D. P.	6-26-2000
PLANS		
PLANS CHK.	R.V.O	6-30-2000

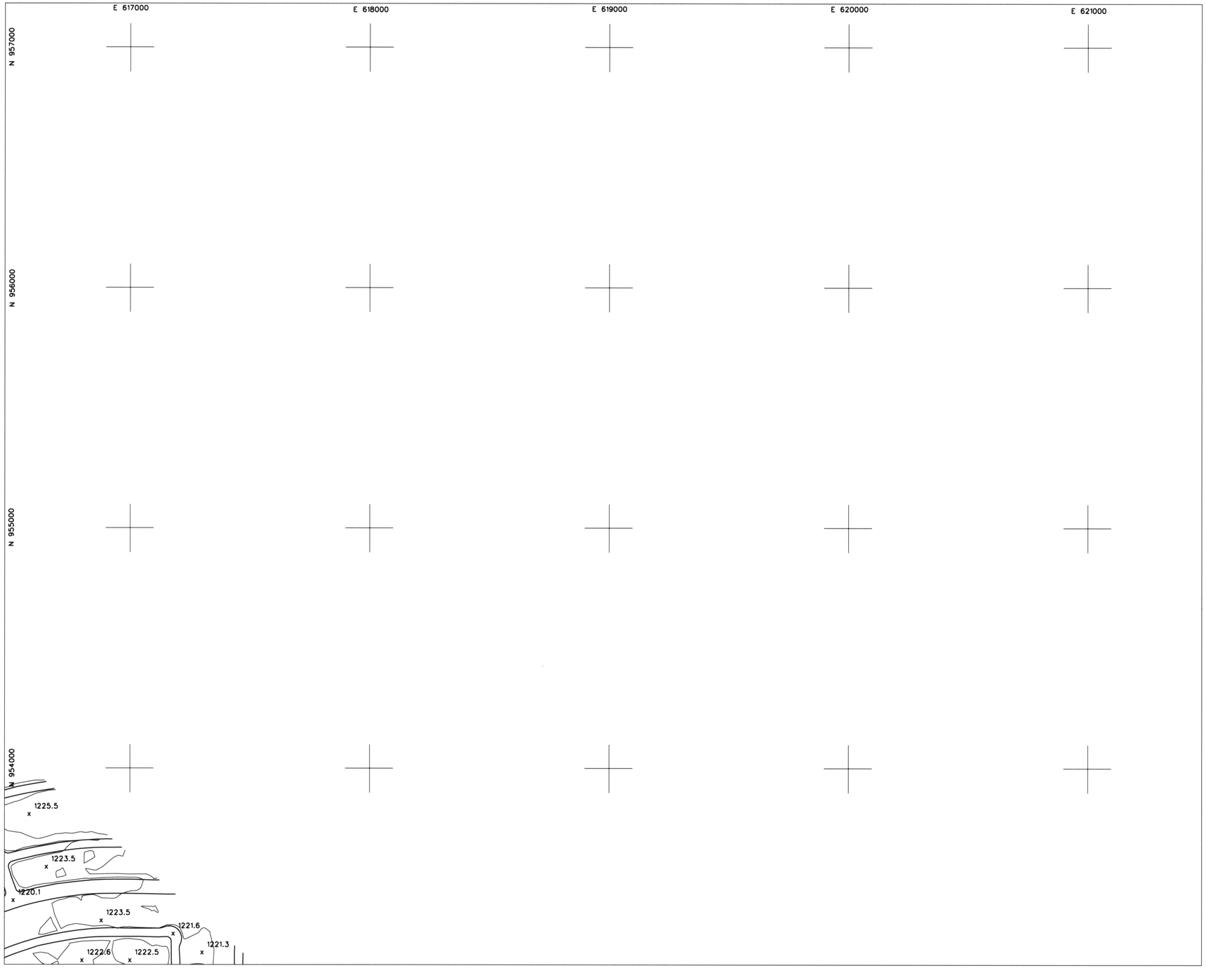
SHEET 47 OF 62

T3N. R1E
T3N. R2E

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

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

ELEVATION REFERENCE MARKS

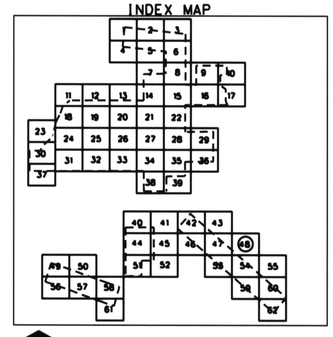
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 36401 LEE JAMES ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.P.	6-20-2000
PLANS		
PLANS CHK.	K.V.C.	6-20-2000

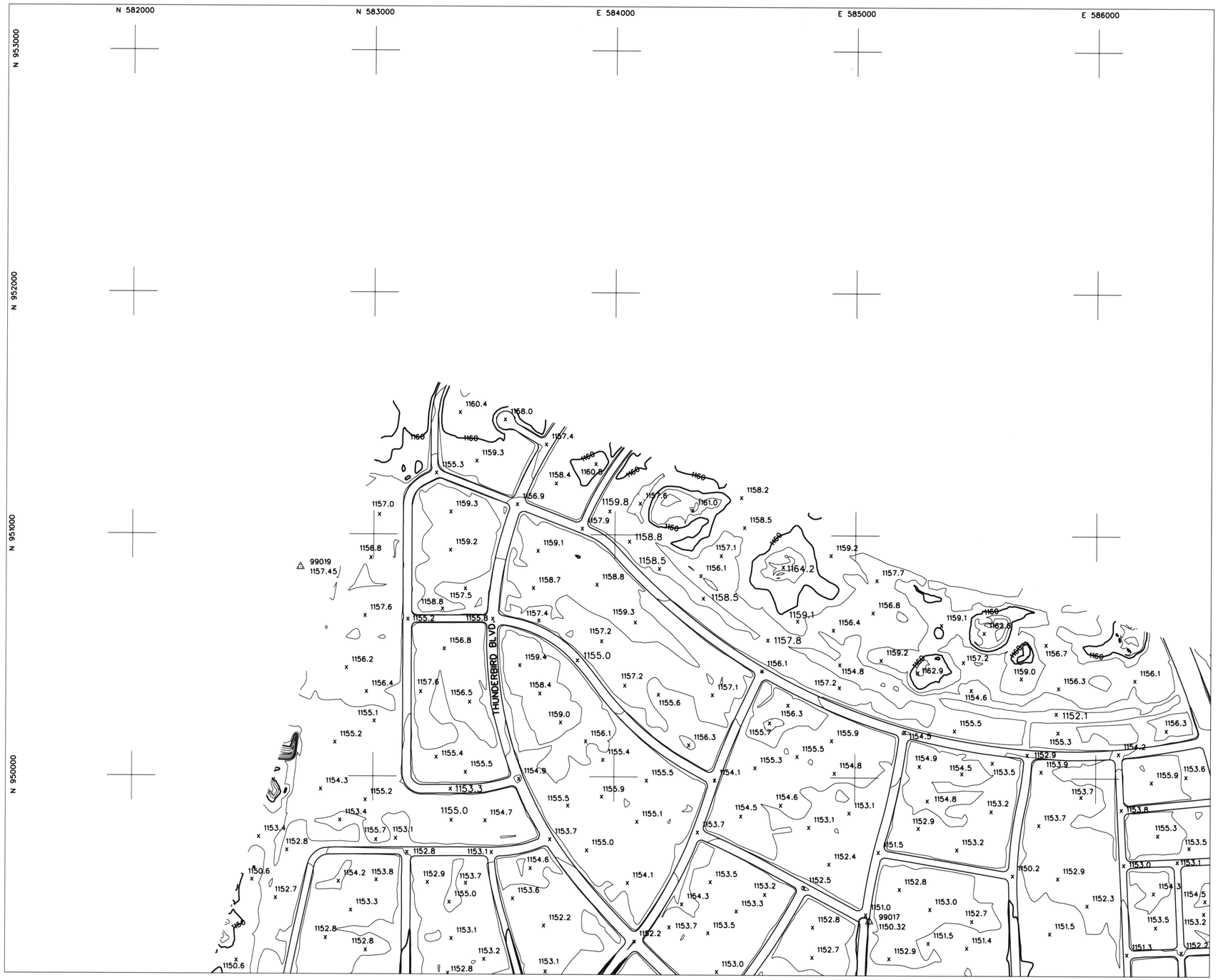
SHEET 48 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R2E



LEGEND

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

ELEVATION REFERENCE MARKS

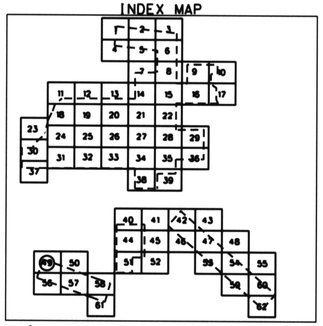
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99017	585062.6	949405.79	1150.32
99019	582696.23	950863.53	1157.45

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 26481 — LEE BARNES — Date Signed 6-30-2000 — ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-20-2000
PLANS		
PLANS CHK.	LVC	6-30-2000

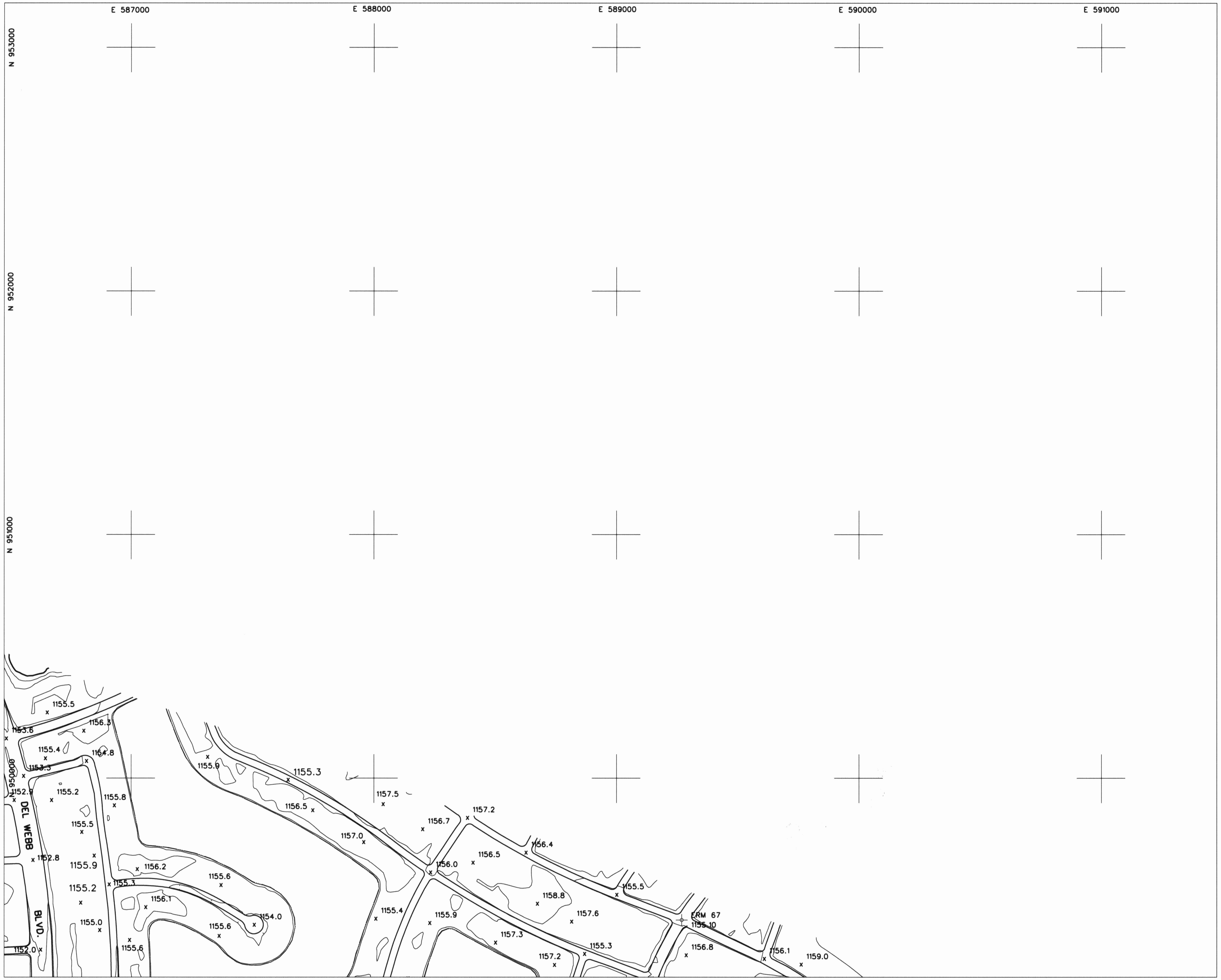
SHEET 49 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

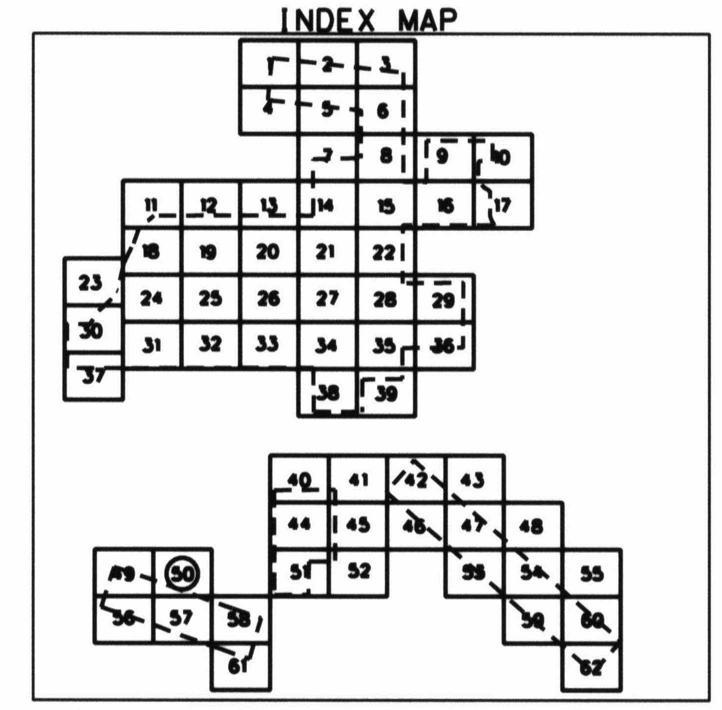
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #67	1155.1	Brass cap in centerline of 103rd Ave and Bolivar. N: 949417.73 E: 589269.01

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 26401
LEE J. HARBERS
Date Signed 6-21-2000
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	RVO	6-20-2000

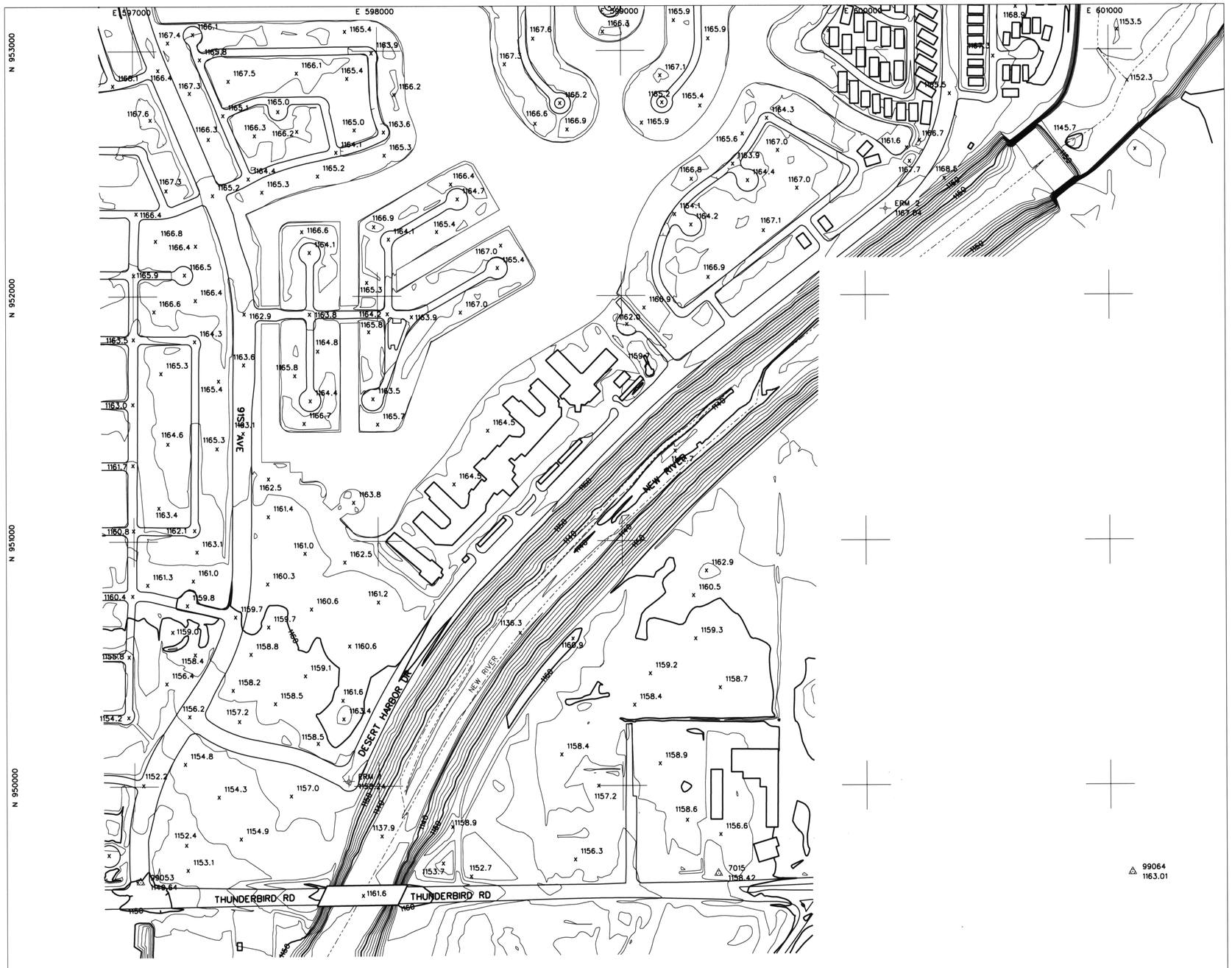
SHEET 50 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

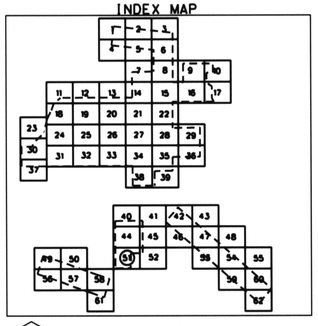
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #1	1158.24	C.O.P. BC on centerline of Desert Harbor +/-600' East of 91st Ave N: 950020.43 E: 597876.41
ERM #2	1167.04	C.O.P. BC in handhole in center median of Desert Harbor +/-300' North of Acoma Drive. N: 952352.85 E: 600083.94

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7015	599390.38	949640.55	1158.42
99053	597022.83	949609.95	1149.64
99064	601088.54	949640.93	1163.01

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE THOMPSON Signed 6-30-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	B.R.	6-30-2000
PLANS		
PLANS CHK.	[illegible]	6-30-2000

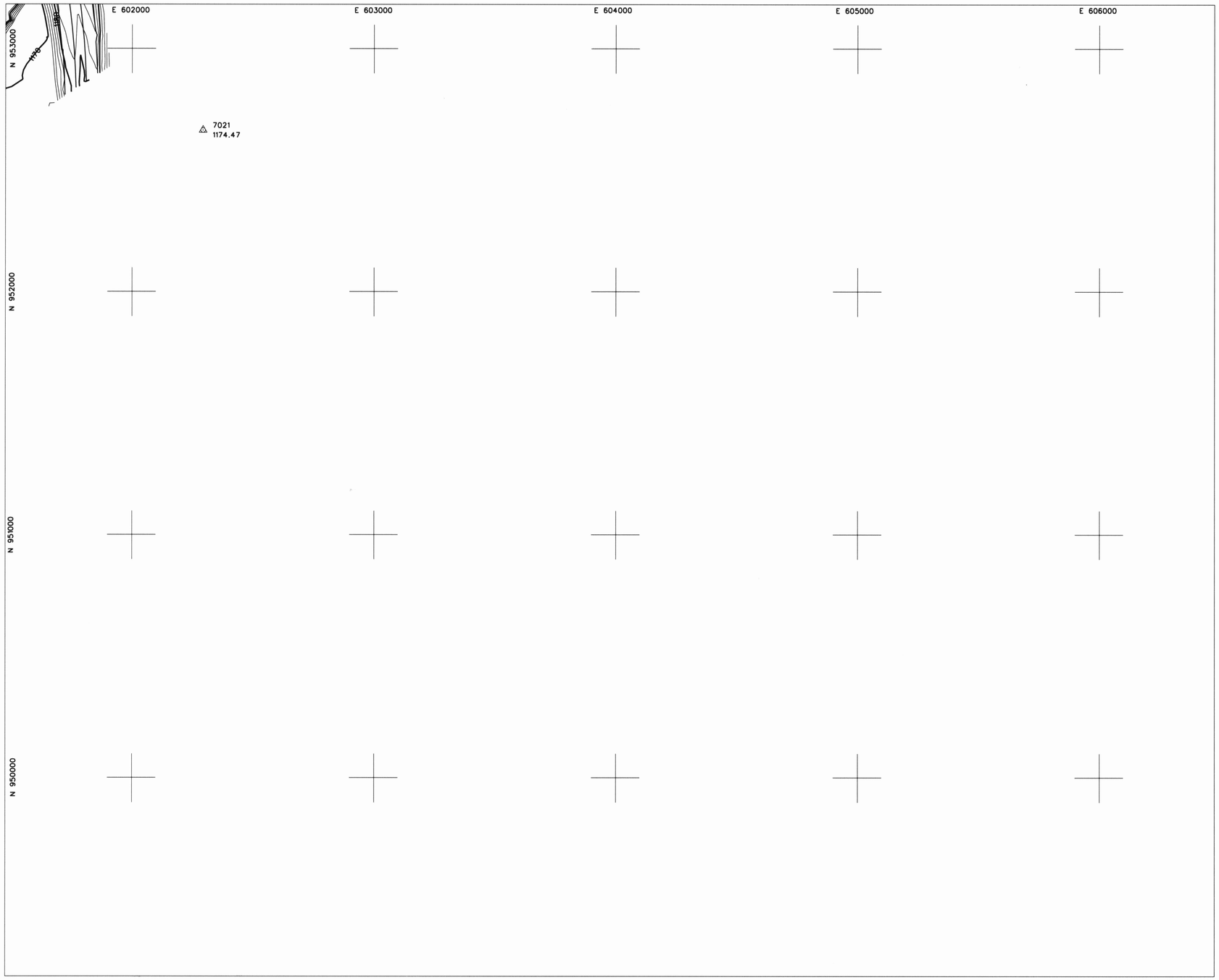
SHEET 51 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N, R1E



LEGEND

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

ELEVATION REFERENCE MARKS

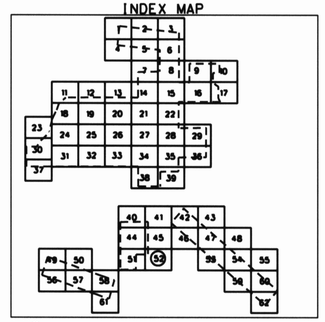
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
7021	602293.09	952663.97	1174.47

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HUGHES Expires 9-30-01 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	E.P.	6-20-2000
PLANS		
PLANS CHK.	KVO	6-30-2000

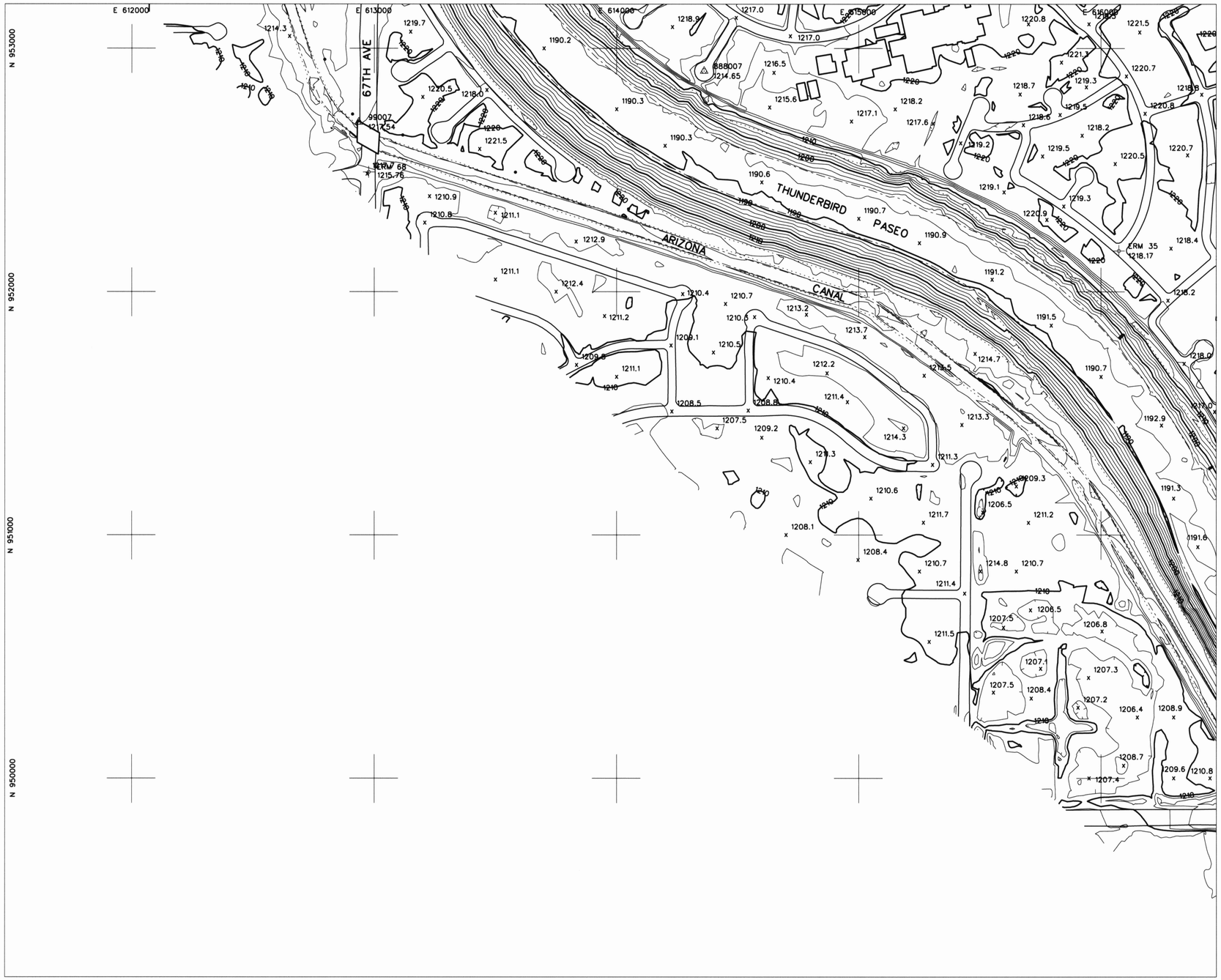
SHEET 52 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

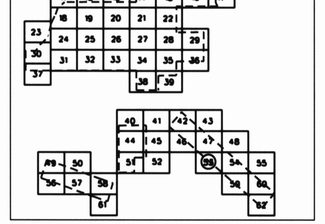
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM # 68	1215.76	BC at intersection of 67th Ave and Acoma N: 952491.92 E: 612976.91
ERM #35	1218.17	City of Glendale brass cap at centerline of Hearn Road and N. 63rd Ave. N: 952167.81 E: 616074.02

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99007	612935.79	952696.97	1217.54
888007	614361.49	952907.13	1214.65

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 20411 LEE MARRIS Expires 6-30-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	B.P.	6-20-2000
PLANS		
PLANS CHK.	LMO	6-30-2000

SHEET 53 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E
T3N. R2E

E 617000 E 618000 E 619000 E 620000 E 621000

N 953000 N 952000 N 951000 N 950000

59TH AVE.

THUNDERBIRD RD.

THUNDERBIRD

PASEO

ARIZONA CANAL

ERM 69
1225.94

888006
1213.08

888005
1217.38

LEGEND

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

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #69	1225.94	City of Glendale brass cap at centerline of cul-de-sac @ 5637 W. Redfield. N: 950928.57 E: 619435.64

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
888005	618006.9	949899.25	1217.38
888006	616606.67	951223.16	1213.08

INDEX MAP

200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE A. SMITHERS Signed 6-11-2001 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.P.	6-26-2001
PLANS		
PLANS CHK.	WWC	6-30-2001

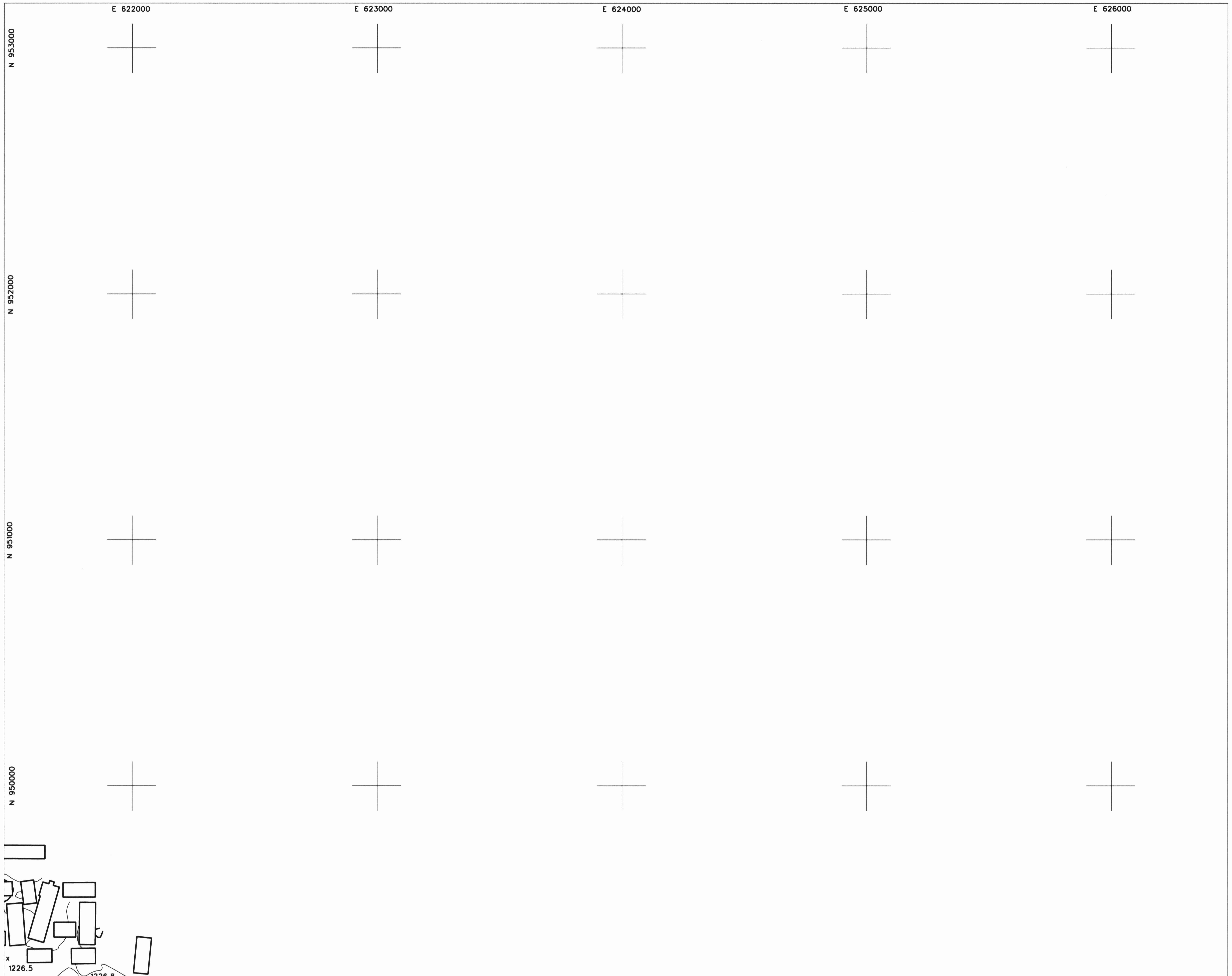
SHEET 54 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R2E



LEGEND

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

ELEVATION REFERENCE MARKS

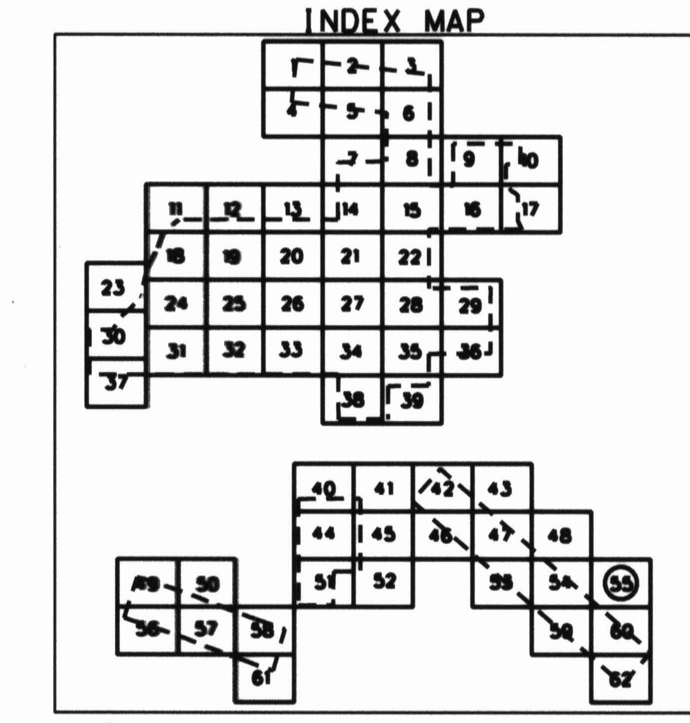
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HABBERS Date Signed 6-21-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O.P.	6-20-2000
PLANS		
PLANS CHK.	KVO	6-20-2000

SHEET 55 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R2E

LEGEND

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

ELEVATION REFERENCE MARKS

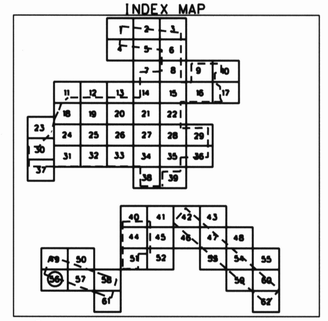
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #70	1148.63	3-1/2" aluminum disc epoxied to canal headwall at 111th Ave and Grand Ave. Monument is on South end of headwall on East side of 111th Ave +100'. North of the centerline of Grand Ave. N: 948086.85 E: 583727.6

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99018	582124.11	948479.71	1135.01
888015	585750.18	947774.51	1146.09

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26901 LEE D. LOWELL Signed 6.11.01 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	G.R.	6-20-2000
PLANS		
PLANS CHK.	JWC	6-20-2000

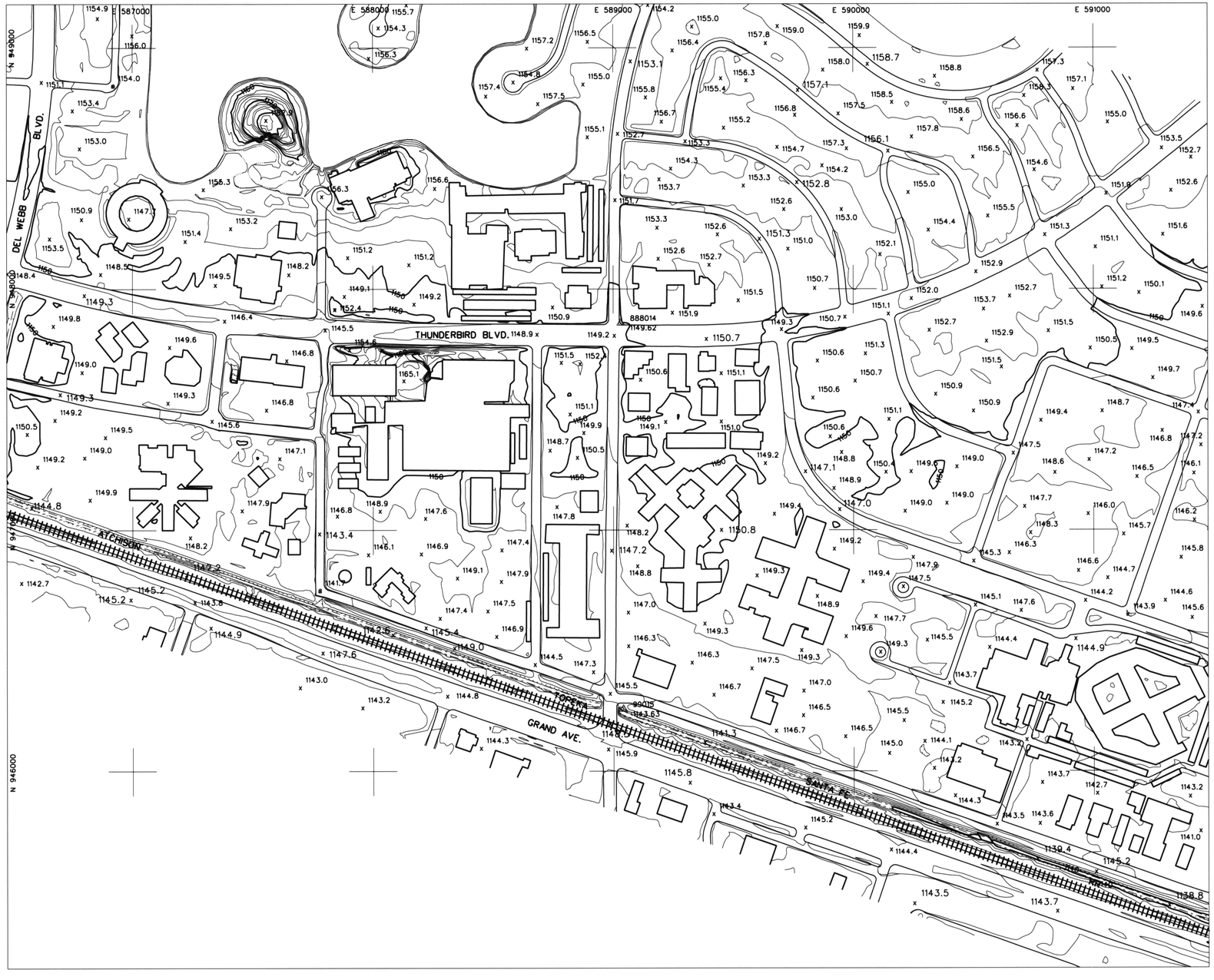
SHEET 56 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

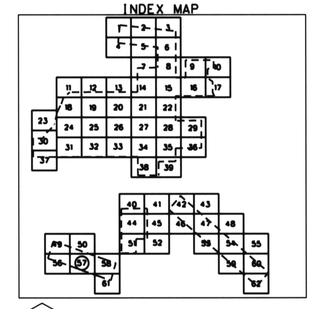
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99015	589040.24	946257.09	1143.63
888014	589031.45	947858.75	1149.62

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	O. P.	6-22-2000
PLANS		
PLANS CHK.	W.V.O	6-30-2000

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 20401 — CHARLES W. LEE — ARIZONA U.S.A.

SHEET 57 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E

E 592000 E 593000 E 594000 E 595000 E 596000

N 949000 N 948000 N 947000 N 946000

LEGEND

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

ELEVATION REFERENCE MARKS

NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99014	592497.72	947094.23	1142.83
888013	591962.67	945375.3	1141.29

INDEX MAP

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 24401 LEIM PHOENIX ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	E.R.	6-20-2000
PLANS		
PLANS CHK.	W.V.C.	6-30-2000

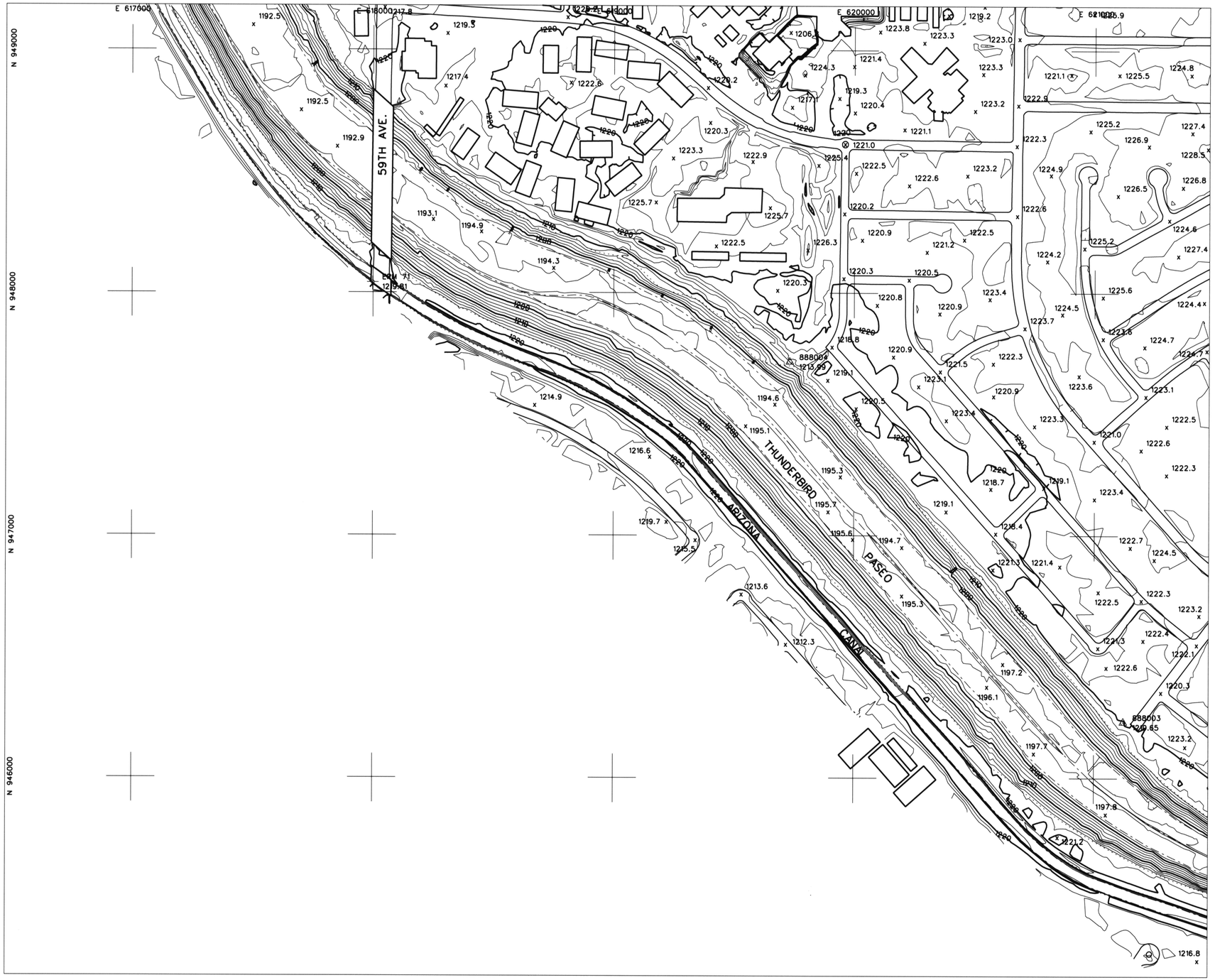
SHEET 58 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

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

ELEVATION REFERENCE MARKS

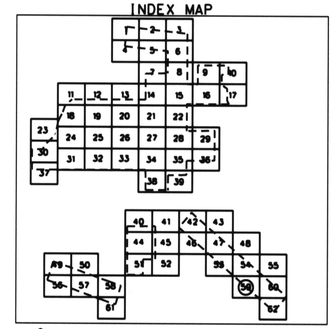
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #71	1219.81	Brass cap tagged SRP 539 epoxied to curb on Southwest Corner of bridge at 59th Ave and AZ Canal. N: 948041.72 E: 617998.73

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
888003	621122.05	946231.63	1219.65
888004	619732.82	947716.01	1213.99

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE A. THIELEN Signed 6-30-2000 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-30-2000
PLANS		
PLANS CHK.	DNO	6-30-2000

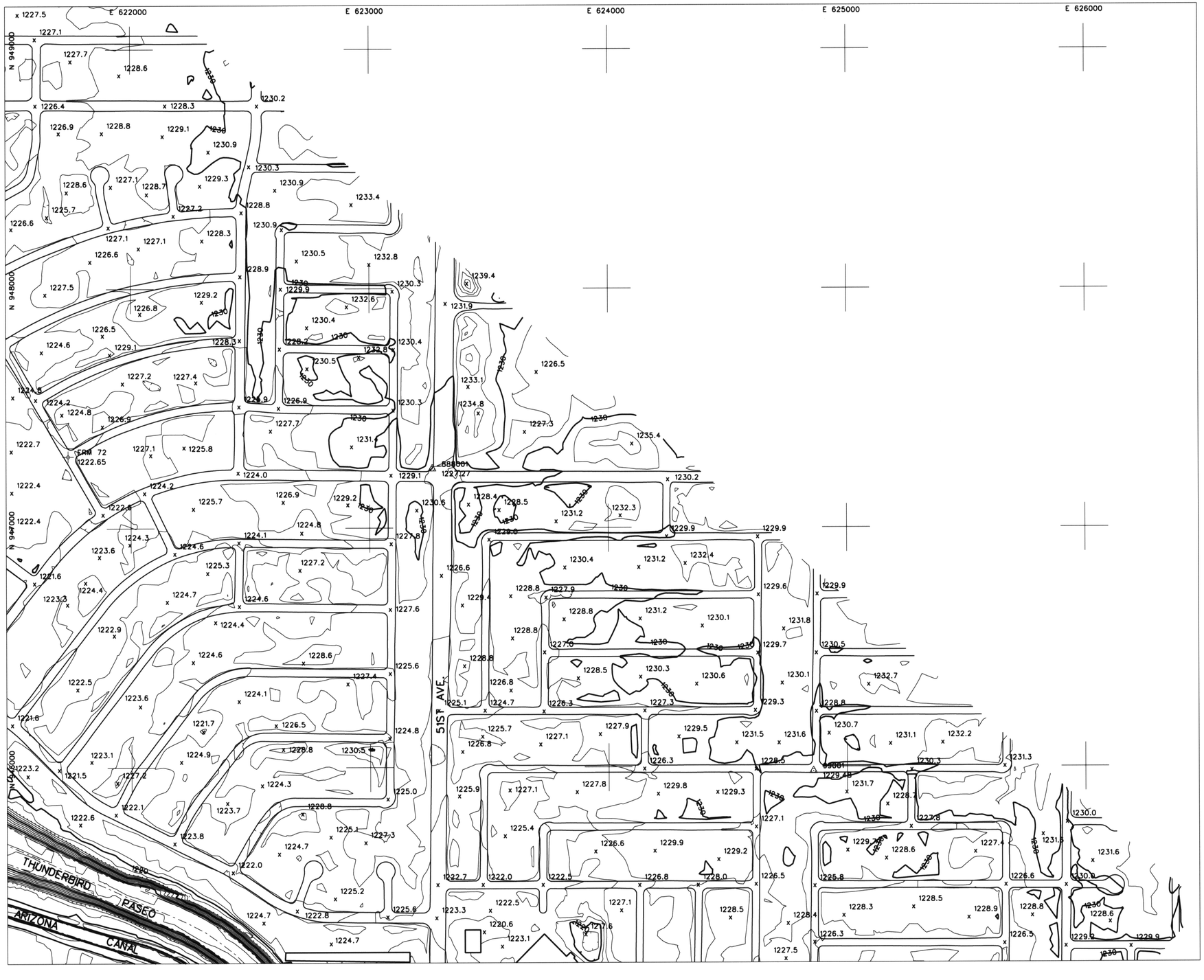
SHEET 59 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R2E



LEGEND

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

ELEVATION REFERENCE MARKS

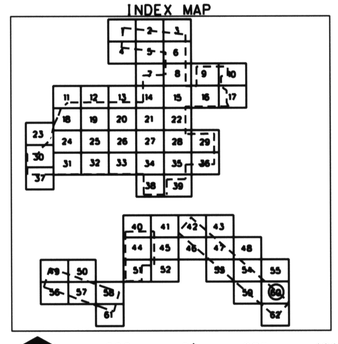
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION
ERM #72	1222.65	City of Glendale brass cap at the intersection of 54th Ave and Wood N: 947300.88 E: 621736.86

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99001	624858.26	945981.63	1229.48
888001	623262.73	947247.44	1227.27

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR CERTIFICATE NO. 24001 LEE M. THOMAS Date Signed 6-21-00 ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.R.	6-20-2000
PLANS		
PLANS CHK.	W.W.O.	6-20-2000

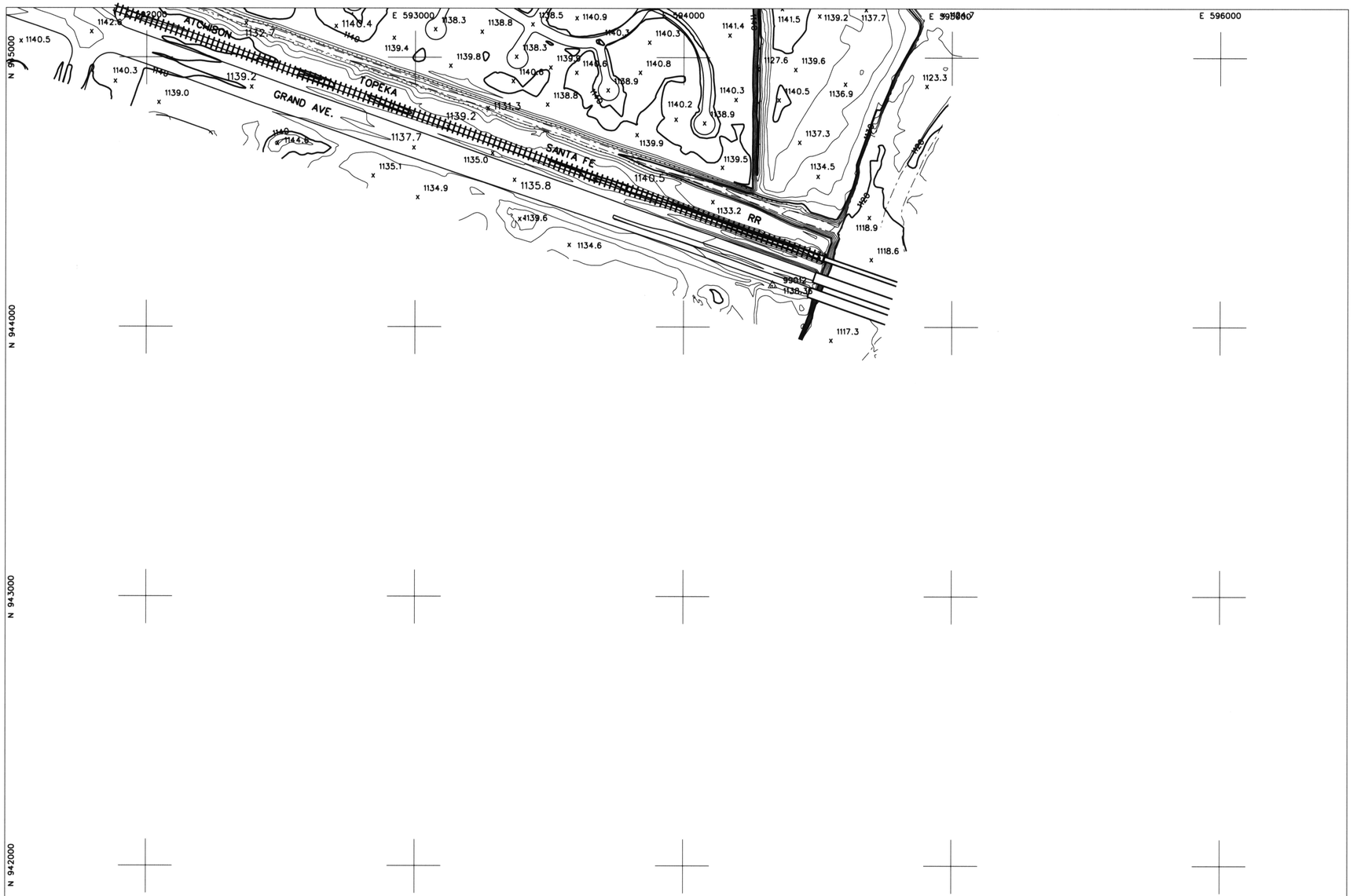
SHEET 60 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R2E



LEGEND

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

ELEVATION REFERENCE MARKS

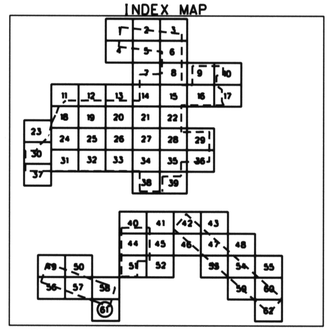
NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. CONVERSION FACTOR 1929 NGVD TO 1988 NAVD = + 1.907 (FEET)

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

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99012	594331.77	944155.33	1138.36

INDEX MAP



200 0' 200 400
SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
28401
LEE
BARBEE
Date Signed 6-30-00
ARIZONA U.S.A.

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	C.P.	6-30-2000
PLANS		
PLANS CHK.	KVC	6-30-2000

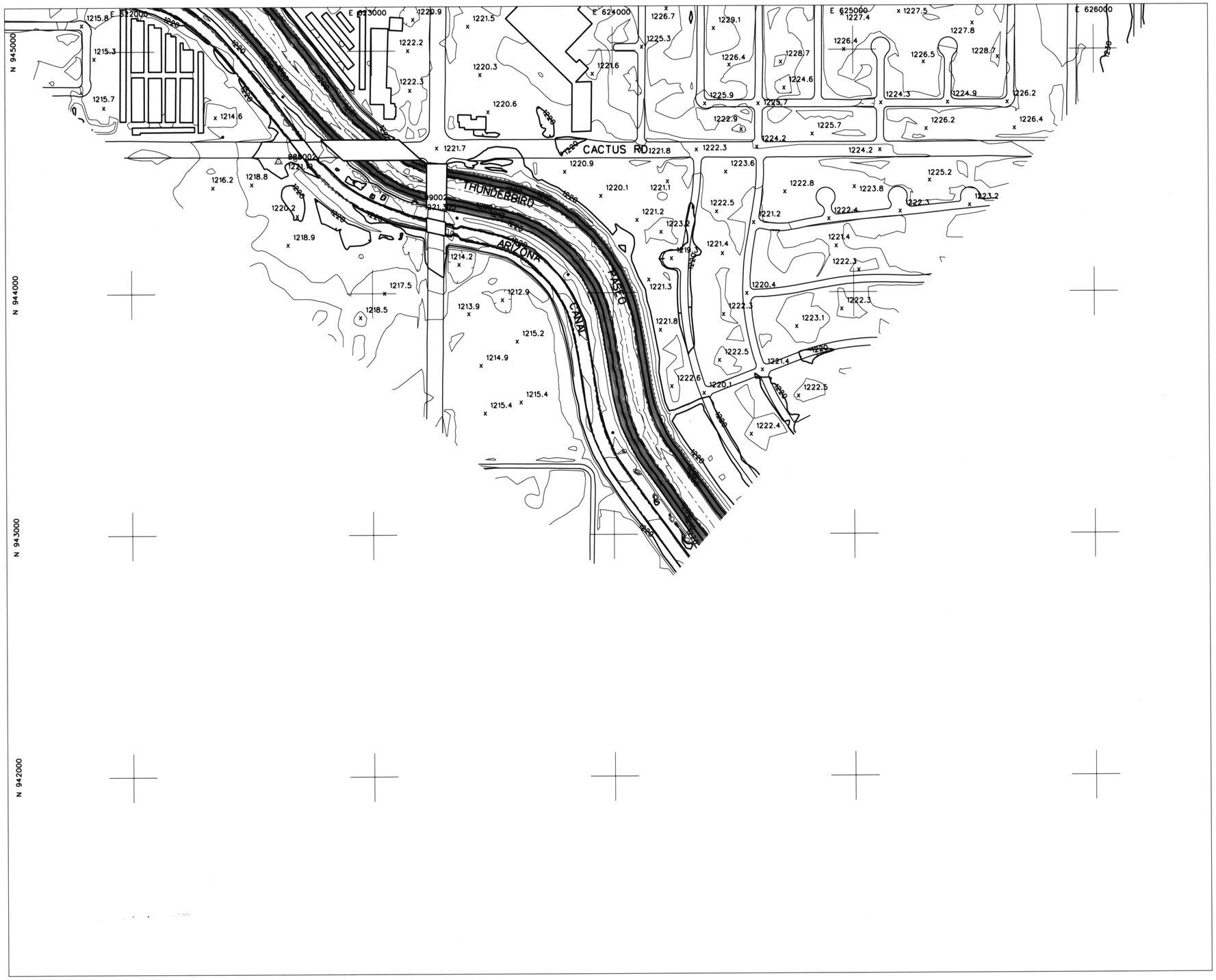
SHEET 61 OF 62

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

PHOTOGRAMMETRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R1E



LEGEND

- ELEVATION REFERENCE MARK
- AERIAL CONTROL POINTS
- ROADS
- DIRT ROADS
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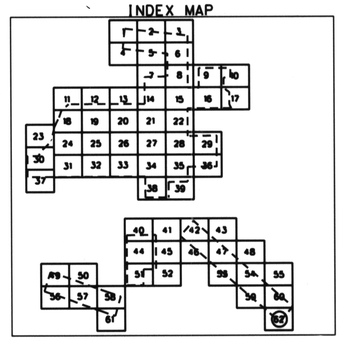
I.D. NUMBER	ELEVATION (FT)	DESCRIPTION/LOCATION

PHOTOGRAMMETRIC CONTROL POINTS

POINT #	X	Y	Z
99002	623178.24	944377.14	1221.3
888002	622612.04	944546.97	1221.1

INDEX MAP



200 0' 200 400

SCALE: 1"= 200 FEET
CONTOUR INTERVAL = 2 FEET
FLIGHT DATES: 1-10-2000

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

GLENDALE / PEORIA ADMP
F.C.D. CONTRACT NO. 99-44

DTM INC.
1075 E. FT. LOWELL
TUCSON, AZ. 85719

	BY	DATE
DESIGN		
DESIGN CHK.	D.P.	6-12-2000
PLANS		
PLANS CHK.	W.V.O	6-30-2000

SHEET 62 OF 62

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

PHOTOGRAMMERTRY PROVIDED BY: DATABASED TERRAIN MAPPING, INC.

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

T3N. R2E