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EXHIBIT 2

ELEVATION REFERENCE MARKS

FOR

**FLOOD INSURANCE STUDY
NEW RIVER
FROM NEW RIVER DAM TO ROCK SPRINGS
MARICOPA COUNTY, ARIZONA**

DECEMBER, 1987

(Note: The location of Tee Ranch, as referred to in this exhibit, is near the location of Rock Springs)

A371.934



NOTES

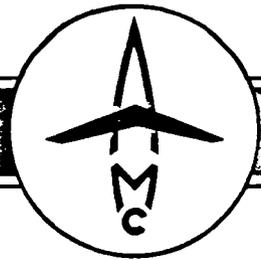
Most of the reference marks in this exhibit are shown on the Floodplain Delineation Maps, however, some of the marks go beyond the mapping limits and are not shown. The number of reference marks far exceed the number required by the FEMA Survey Guidelines.

Refer to "Reference Mark Location Map" at the end of this exhibit.

Footnotes (for the list of reference marks):

- A) These reference marks are extra beyond the FEMA Survey Guidelines. These reference marks are not shown on the Floodplain Delineation maps due to the need for clarity in the topography or their temporary nature.
- B) These reference marks are located beyond the limits of the mapping, and are therefore not shown on the floodplain delineation maps.

AERIAL mapping company, inc



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Gerald E. Francis — President

Richard D. Cook — Executive Vice-President, R.L.S.

February 20, 1987

Mr. Ashok Patel
Coe & Van Loo
4550 N. 12th Street
Phoenix, AZ 85014

Reference: Study of New River, New River Dam to Tee Ranch

Dear Mr. Patel,

Transmitted herewith is the final tabulated control report.

If you have any questions, please contact our office.

Very truly yours,

AERIAL MAPPING COMPANY, INC.

Richard D. Cook, RLS
Executive Vice President

RDC/bs

Enclosure:

HORIZONTAL and VERTICAL CONTROL TABULATION

for the

MARICOPA COUNTY FLOOD CONTROL DISTRICT

STUDY OF NEW RIVER

NEW RIVER DAM TO TEE RANCH

BY COE & VAN LOO CONSULTING ENGINEERS



Richard D. Cook, RLS
Aerial Mapping Company, Inc.
3141 W. Clarendon Avenue
Phoenix, Arizona 85017

NOTES

Vertical elevations listed are based on the Sea Level Datum of 1929 as monumented by the United States National Geodetic Survey and the United States Geological Survey.

The basis of coordinates is the Arizona State Plane Coordinate System, Central Zone.

All elevations are determined by Spirit Leveling unless otherwise noted.

(VA) Indicates elevation determined by Trigonometric Leveling.

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
1 B	NEW	1,052.840.35	431,305.22	2,026.417
	The mark "NEW" is a U.S.C. & G.S. brass cap found as described by the National Geodetic Survey Quadrangle 3600'+ Southwest of the Northeast corner of Section 3, T7N R2E.			
2	W-56 (802)	1,054,369.14	430,621.98	1,970.442
	The mark "W-56, 1934" is a found U.S.C. & G.S. brass cap in a concrete post as described by the National Geodetic Survey Quadrangle 1400'+ Southeast of the Northwest corner of Section 3, T7N R2E.			
3	New River(903)	1,056,991.00	431,556.09	2,104.156
	The mark "New River" is a found U.S.C. & G.S. brass cap in a drill hole as described by the National Geodetic Survey Quadrangle 3100'+ Northwest of the Southeast corner of Section 34, T7N R2E.			
4	U-342 (504)	-----	-----	1,996.958
	The station "U-342, 1958" is a found U.S.C. & G.S. brass cap in the wheel guard of the New River Bridge as described by the National Geodetic Survey Quadrangle 2300'+ Southwest of the Northeast corner of the Section 34, T7N R2E.			
5	J-343 (505)	-----	-----	2,034.773
	The mark "J-343, 1958" is a found U.S.C. & G.S. brass cap in a concrete post as described by the National Geodetic Survey Quadrangle 2300'+ Northwest of the Southeast corner of Section 27, T7N R2E.			
6	BUD(806)	1,067,334.11	432,527.67	2,097.985
	The mark "BUD" is destroyed. set new 1/2" rebar at approximate location of "BUD" from U.S.C. & G.S. description. The mark is 2400'+ Northwest of the Southeast corner of Section 22, T7N R2E.			
7	H-343 (507)	-----	-----	2,179.975
	The mark "H-343, 1958" is a found U.S.C. & G.S. brass cap in a concrete post as described by the National Geodetic Survey Quadrangle 3100'+ North of the Southeast corner of Section 15, T7N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
8 B	MOP	1,090,894.44	433,294.29	2,063.549
	The mark "MOP 1958" is a U.S.C. & G.S. brass cap in a concrete post as described by the National Geodetic Survey Quadrangle 1000'+ Southwest of the Northeast corner of Section 34, T8N R2E.			
9 B	BM F-343	NOT USED		
	The mark "F-343, 1958" is a U.S.C. & G.S. brass cap in a concrete post as described by the National Geodetic Survey Quadrangle 2500'+ South of the Northwest corner of Section 2, T7N R2E.			
10	510	-----	-----	2,262.835
	The mark is a found A.D.O.T. R.O.W. brass cap stamped 22+96.03 500'+ East of I-17 and 50'+ South of Table Mesa Road 3000'+ Southeast of the Northwest corner of Section 14, T7N R2E.			
11	711	-----	-----	2,302.160
	The mark is a found 2.5" iron pipe at the Northeast corner of Section 11, T7N R2E.			
12	712	-----	-----	2,314.145
	The mark is a found 2" iron pipe with a standard U.S.G.L.O.S. brass cap leaning and loose on river island at the Northwest corner of Section 7, T7N R3E.			
13	713	1,055,101.36	428,731.80	1,951.675
	The mark is a found 3" iron pipe with a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 4 T6N R2E.			
14 A	714	-----	-----	2,314.145
	The mark is a concrete forming pin in a rock cairn at the Northeast corner of Section 34, T7N R2E.			
15	815	1,082,130.05	446,551.22	2,434.385
	The mark is a 1/2" rebar set on a rocky knoll on the West edge of ridge 200'+ North of the Track road 1.0 miles East of Tee Ranch 2100'+ East of the Southwest corner Section 6, T7N R3E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
16	816	1,085,076.41	445,008.44	2,689.285VA
	The mark is a ½" rebar set on knoll reached by traveling 0.4+ miles South Southeast from Tee Ranch to a fork in the road then Northeast 1.0 miles to the knoll. The station is 250'+ South of the road, 2100'+ Northeast of the Southwest corner of Section 6, T7N R3E.			
17	817	1,080,095.88	441,410.70	2,346.480 VA
	The mark is ½" rebar set in a rocky ridge 150'+ Northeast of the highest point of a knoll 1200'+ South Southeast of the Tee Ranch complex, 3000'+ Southwest of the Northeast corner of Section 12, T7N R3E.			
18	818	1,082,611.11	440,923.44	2,398.915
	The mark is a P.K. Nail and brass washer set in a large flat boulder reached by traveling North from the Tee Ranch entrance road turn-off 900'+ to a faint track road heading West then 300'+ to the station. The mark is approximately 2200'+ Northwest of the Southeast corner of Section 1, T7N R3E.			
19	519	-----	-----	2,325.610
	The mark is a set ½" rebar located 9.0' North of the main gate to the Tee Ranch complex, 1800'+ Northeast of the Southwest corner of Section 1, T7N R3E.			
20	820	1,077,871.86	434,065.30	2,307.180 VA
	The mark is a ½" rebar set 30'+ North of two Saguaros atop flat knoll. To reach this station proceed West on Track Road 0.1+ miles from Table Mesa Interchange then South along a meandering road 0.4+ miles to bend turning West, from here proceed West 650'+ to mark. The mark is approximately 1800'+ North of the Southwest corner of Section 11, T7N R2E.			
21	821	-----	-----	2,266.845
	The mark is a 1" x 2" wood hub set between two knolls each with a transmission tower, directly below transmission line, 35' West of access road, 2600'+ Northwest of Southeast corner of Section 11, T7N R2E.			
22	822	1,077,018.68	436,014.30	2,227.830
	The mark is a set ½" rebar reached by traveling South on the track road East of I-17 for 0.8+ miles to finger protruding Westerly toward New River. The mark is 25'+ East of edge approximately 1900'+ East of the Southwest corner of Section 11, T7N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
23	523	-----	-----	2,194.410
	The mark is a set ½" rebar reached by traveling North 2.3+ miles along old SR 69 to a fork in the road then East 0.4+ miles to a Southbound road. The mark is located 300'+ South atop a low hill, 500'+ East of a stock tank, 2100'+ Southeast of the Northwest corner of Section 14, T7N R3E.			
24	524	-----	-----	2,170.670
	The mark is a set ½" rebar reached by traveling North 2.3+ miles old SR 69 from New River School to a fork in the road, then West 75'+. The mark is located 25'+ West of a Mesquite Tree, 900'+ South of the Northwest corner of Section 14, T7N R2E.			
25	525 (825)	1,070,905.65	435,329.87	2,327.540VA
	The mark is a found 5/8" rebar 0.25+ miles West of Northwest corner of Section 23, T7N R2E approximately 50'+ East of a dirt road.			
26	526	-----	-----	2,122.435
	The mark is a deck spike set at the approximate location of the Northeast corner of section 23, T7N R2E, 25'+ South and 25'+ East of the intersection of two dirt roads.			
27	827	1,058,898.94	432,903.07	2,139.080VA
	The mark is a ½" rebar set atop a knoll 300'+ North of road reached by traveling South from the intersection old SR 69, 0.6+ miles, then East 0.2+ miles, 1600'+ southwest of the Northeast corner of Section 34, T7N R2E.			
28	828	1,058,974.68	433,837.22	2,068.030
	The mark is a ½" rebar set halfway up North slope of a small knoll 200'+ South and 200'+ East of a road intersection reached from the intersection of New River road and old SR 69 by traveling 0.6+ miles then east 0.4+ miles, 1400'+ South of the Northeast corner of Section 34, T7N R2E.			
29	729	1,065,647.04	434,043.21	2,219.990VA
	The mark is a standard U.S.G.L.C.S. brass cap in rock cairn at the Northeast corner of Section 27, T7N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
30	530	-----	-----	2,068.370
	The mark is a railroad spike 500'+ North of New River School in centerline of old SR 69, 1900'+ Southwest of the Northeast corner of Section 27, T7N R2E.			
31	831	1,060,151.51	431,107.19	2,032.940
	The mark is a railroad spike set at the I-17 and New River interchange 250'+ East of Northbound I-17, 5'+ South of a cattle guard and 5'+ South of the North edge of pavement, approximately 2300'+ East of the Northwest corner of section 34, T7N R2E.			
32	532	-----	-----	2,157.485
	The mark is a P.K. Nail and Shiner in the safety lane of Northbound I-17 0.15+ miles North of mile post number 234, 1100'+ East of the Northeast corner of Section 22, T7N R2E.			
33 A	533	-----	-----	1,982.580
	The mark is a ½" rebar set 10'+ South and 5'+ East of the Southeast corner of the I-17 Northbound bridge over New River.			
34 A	534	-----	-----	1,991.105
	The mark is a ½" rebar set 10'+ North and 5'+ East of the Northeast corner of the I-17 Northbound bridge over New River.			
35 A	535	-----	-----	1,977.825
	The mark is a ½" rebar set 10'+ South and 5'+ West of the Southwest corner of the I-17 Southbound bridge.			
36 A	536	-----	-----	1,987.445
	The mark is a ½" rebar set 10'+ North and 5'+ West of the North west corner of the I-17 Southbound bridge.			
37	537	-----	-----	1,996.920
	The mark is a P.K. Nail not intended for recovery set in the centerline of South end of New River Road Bridge over New River, 2500'+ Southwest of the Northeast corner of Section 34, T7N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
38	538	-----	-----	1,998.530
	The mark is a P.K. Nail not intended for recovery set in the centerline of North end of New River Road Bridge over New River, 2500' <u>±</u> Southwest of the Northeast corner of Section 34, T7N, R2E.			
39 A	539	-----	-----	2,028.305
	The mark is a temporary point that is not recoverable.			
40 A	540	-----	-----	2,028.295
	The mark is a temporary point that is not recoverable.			
41 B	CARL	1,080,634.64	434,502.49	2,616.000
	The mark "CARL" is a U.S.C. & G.S. brass cap in a drill hole as described by the National Geodetic Survey Quadrangle, 900' <u>±</u> Southeast of the Northwest corner of Section 11, T7N R2E.			
42 B	942	1,079,909.33	435,614.51	-----
	The mark is a ½" rebar set 1400' <u>±</u> Southeast of U.S.C. & G.S. station "CARL" (Point 941) and 15' <u>±</u> East of dirt track, 2200' <u>±</u> Southeast of Northwest corner of Section 11, T7N R2E.			
44	BM18	-----	-----	1,969.525
	The mark is a found A.D.O.T. brass cap on East headwall of bridge on old SR 69 approximately 1400' <u>±</u> South of the old New River Gas Station. The mark is 2100' <u>±</u> Westerly from the Southwest corner of Section 34, T7N R2E.			
45	BM19	-----	-----	1,986.160
	The mark is a found A.D.O.T. brass cap set in the Southeast concrete rail of the Northbound I-17 bridge over New River. The mark is 3400' <u>±</u> Northeast from the Southeast corner, Section 34, T7N R2E.			
46	BM20	-----	-----	1,983.995
	The mark is a found A.D.O.T. brass cap on the Southwest concrete rail of the Southbound I-17 bridge over New River. The mark is 3300' <u>±</u> Northeast of the Southwest corner, Section 34, T7N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
47	BM17	-----	-----	2,029.800
	The mark is a brass cap on the Southeast corner of the New River Road bridge over New River, 1800'+ Northeast of the Southwest corner of Section 27, T7N R2E.			
48	BM16	-----	-----	2,033.355
	The mark is a found A.D.O.T. brass cap in the North headwall of a cattle guard 260'+ East of the I-17 and New River Road interchange. The mark is 3400'+ East of the Northwest corner, Section 31, T7N R2E.			
49	BM1	-----	-----	2,062.590
	The mark is a A.D.O.T. brass cap on the East headwall 500'+ North of New River School along old SR 69, 1800'+ Southwest of the Northwest corner of Section 22, T7N R2E.			
50	BM2	-----	-----	2,079.460
	The mark is a ½" rebar set flush 0.7+ miles North of New River School along old SR 69 by a lone tree 150'+ North of New River Crossing, 2400'+ Northwest of the Southeast corner of Section 22, T7N R2E.			
51	BM3	-----	-----	2,108.910
	The mark is a chiseled box on the Northwest corner of a well pad 0.8+ miles North of New River School along old SR 69, 50'+ East of the road and 2150'+ South of the Northeast corner of Section 22, T7N R2E.			
52	BM4	-----	-----	2,123.095
	The mark is a nail in the South face of a power pole North of an East-West road, 1.8+ miles South of the I-17 and Table Mesa Road interchange and 900'+ East of New River. The mark is 700'+ West of the Southeast corner of Section 15, T7N R2E.			
53	BM5	-----	-----	2,142.324
	The mark is a nail in the South face of a power pole with transformer at the Southeast corner of a tee intersection heading East, 1.6+ miles South of the Table Mesa and I-17 interchange and 400'+ East of New River. The mark is 1650'+ of the Southwest corner of Section 14, T7N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY</u> <u>#</u>	<u>FLD.</u> <u>ID #</u>	<u>NORTHING</u> <u>Y</u>	<u>EASTING</u> <u>X</u>	<u>ELEVATION</u> <u>Z</u>
54	BM6	-----	-----	2,169.330

The mark is a bolt on the Northwest corner of a stock tank located 1.1+ miles South of the Table Mesa Road and I-17 interchange and 300'+ East of the East bank of New River at the old Palm Springs Stage Stop. The mark is 1700'+ South of the North-east corner, Section 15, T7N R2E.

55	BM7	-----	-----	2,191.265
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The mark is a 1/2" rebar set on the North side of a wash located 0.9+ miles South on the dirt track commencing at the I-17 Table Mesa Northbound exit East of the interstate. The mark is 20'+ South and 18'+ West of a "T" road intersection heading West. The mark is 1000'+ East of the Northwest corner of Section 14, T7N R2E.

56	BM8	-----	-----	2,213.480
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The mark is a 40d nail set in a power pole located approximately 0.45+ miles along a jeep trail heading South from the I-17 and Table Mesa Road interchange to a fork in the road then North 180'+. The mark is 3300'+ Northwest of the Southeast corner, Section 11, T7N R2E.

57	BM9	-----	-----	2,267.020
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The mark is a found brass cap stamped 2266.70 located on the North headwall of a cattle guard located 100'+ East of the intersection of Table Mesa Road and the Northbound Frontage Road of I-17 3300'+ of the Northwest corner of Section 11, T7N R2E.

58	BM10	-----	-----	2,267.385
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The mark is a found brass cap stamped 2267.12, located on the East headwall of a cattle guard located 100'+ North of the intersection of Table Mesa Road and the Northbound Frontage Road of I-17, 3300'+ South Southeast of the Northwest corner of Section 11, T7N R2E.

59	BM11	-----	-----	2,276.230
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The mark is a chiseled cross atop a large black boulder 6'+ North of a East-West fence located by traveling East along Tee Ranch Road 0.37+ miles then South 100'+ to the mark, which is approximately 1800'+ South Southeast of the North-east corner, Section 11, T7N R2E.

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
60	BM12	-----	-----	2,305.770
	The mark is a chiseled cross on the top of a 1' x 1' red stone along the West inside of the East side of the Turn Around Road North of Tee Ranch Road approximately 0.7+ miles East of I-17 The mark is located approximately 400'+ Northwest of the Southeast corner, Section 2, T8N R2E.			
61	BM13	-----	-----	2,289.720
	The mark is the top of a concrete gate stop located at the entrance to the Tee Ranch on the South side of the gate, 2600'+ Easterly of the Northwest corner of Section 12, T7N R2E.			
62	BM14	-----	-----	2,329.995
	The mark is the top of a large boulder with a chiseled cross located approximately 0.28+ miles East along Tee Ranch Road from Tee Ranch main gate at the "Y" in the road, 2100'+ West-erly of the Northeast corner of Section 12, T7N R2E.			
63	BM15	-----	-----	2,312.380
	The mark is a set P.K. and brass washer stamped LS #11890 in Bed Rock 4'+ West of gaging station North bank of New River approximately 0.66+ miles along Tee Ranch Road from the ranch house turn-off, 700'+ North of the road. The mark is 800'+ Northeast of the Southwest corner of Section 6, T7N R2E.			
64 _A	Z-56	-----	-----	2,215.855
	The mark "Z-56" is a U.S.C. & G.S. brass cap in a concrete post as described by the U.S.C. & G.S., 2300'+ West of the Northeast corner of Section 11, T7N R2E.			
65	Not Assigned			
66 _A	BM12	-----	-----	1,840.991
	The mark is a standard U.S.C. & G.S. brass cap in a concrete post stamped 1832 PRSCT, 360'+ North of the Southeast corner of Section 8, T6N, R2E.			
67 THRU 99	NOT ASSIGNED			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
100	7100	-----	-----	2,016.925
	The mark is a standard U.S.C.L.O.S. brass cap at the North $\frac{1}{2}$ corner of Section 4, T6N R2E.			
101	5701	-----	-----	1,973.864
	The mark is a $\frac{1}{2}$ inch re-bar with an aluminum cap stamped N.R. 5101 set 35' West of a Jeep trail, 21' <u>+</u> North of a wire fence and 300' <u>+</u> North of the center of Section 4, T6N R2E.			
102	5102	-----	-----	1,934.302
	The mark is a $\frac{1}{2}$ inch re-bar with an aluminum cap stamped N.R. 5102 set 900' <u>+</u> West of the North $\frac{1}{2}$ corner of Section 9, T6N R2E 20' <u>+</u> West of a Jeep trail.			
103	5103	-----	-----	1,897.994
	The mark is a set $\frac{1}{2}$ inch re-bar with an aluminum cap stamped N.R. 5103 reached by traveling West 1.1' <u>+</u> miles from I-17 along Lake Pleasant Road, then South 0.3' <u>+</u> miles along 47th Avenue then East 600' <u>+</u> to a Jeep trail, then Southerly 7000' <u>+</u> . The mark is located 25' <u>+</u> East of the Jeep trail in an open area 2450' <u>+</u> North of the Southwest corner of Section 9, T6N R2E.			
104	7104	-----	-----	1,837.214
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 17, T6N R2E.			
105	7105	-----	-----	1,938.573
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 9, T6N R2E.			
106	7106	-----	-----	1,860.961
	The mark is a standard U.S.G.L.O.S. brass cap at the North $\frac{1}{2}$ corner of Section 16, T6N R2E.			
107	5107	-----	-----	1,825.946
	The mark is a $\frac{1}{2}$ inch re-bar with an aluminum cap stamped N.R. 5107 set 60' <u>+</u> East of the New River Bank 50' <u>+</u> West of a Jeep trail reached by traveling 1.25' <u>+</u> miles West along the road 500' <u>+</u> South of Clina Tank then 1.4' <u>+</u> miles North along the Jeep trail paralleling the East bank of New River. The mark is 2300' <u>+</u> North of the Southeast corner of Section 16, T6N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
108	7108	-----	-----	1,800.020
	The mark is a found U.S.G.L.O.S. brass cap at the Northeast corner of Section 20, T6N R2E.			
109	5109	-----	-----	1,773.740
	The mark is a set $\frac{1}{2}$ " rebar with aluminum cap stamped N.R. 5109, reached by traveling Northerly 2.7+ miles along 51st Avenue and a Jeep trail to mark located 3000'+ Southwest of the Northeast corner of Section 20, T6N R2E.			
110	5110	-----	-----	1,754.101
	The mark is a set $\frac{1}{2}$ " rebar with an aluminum cap stamped N.R. 5110 30'+ Northwest of a Jeep trail 50'+ East of the East bank of New River 2700'+ North Northwest of the Southeast corner of Section 20, T6N R2E.			
111	7111	-----	-----	1,723.587
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 30, T6N R2E.			
112	5112	-----	-----	1,694.528
	The mark is a $\frac{1}{2}$ " rebar with aluminum cap stamped N.R. 5112 0.7+ miles Southwest along a Jeep trail from a windmill at the Northeast corner of Section 30, T6N R2E, 25'+ Southeast of a sharp bend in the trail, 2400'+ Southwest of the Northeast corner of Section 30, T6N R2E.			
113	5113	-----	-----	1,670.833
	The mark is a $\frac{1}{2}$ " rebar with aluminum cap stamped N.R. 5113, 1300'+ South along a Jeep trail from New River Tanks, 25'+ West of the trail, 2700'+ East of the Southwest corner of Section 30, T6N R2E.			
114	7114	-----	-----	1,668.049
	The mark is a standard U.S.G.L.O.S. brass cap at the North $\frac{1}{4}$ corner of Section 31, T6N R2E.			
115	8115	1,025.992.95	414.562.64	1,638.520
	The mark is a $\frac{1}{2}$ " rebar with an aluminum cap stamped N.R. 8115 25'+ East of a Jeep trail at a bend in New River, 2800'+ Southeast of the Northeast corner of Section 31, T6N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
116	7116	-----	-----	1,609.317
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 1, T5N R1E.			
117	8117	1,024,502.62	413,187.56	1,621.780
	The mark is a ½" rebar with ana luminum cap stamped N.R. 8117 35'+ East of a Jeep trail in line with a trail heading West across New River, 1300'+ North of the Northeast corner of Section 1, T5N R2E.			
118	WHITE(8118)	1,024,965.31	407,098.17	1,621.768
	The mark "WHITE" is a standard U.S.C. & G.S. brass cap set in Bed Rock as described by the National Geodetic Survey Quadrangle 1800'+ North and 600'+ West of the Southeast corner, Section 35, T6N R1E.			
119	5119	-----	-----	1,622.778
	The mark is a chiseled box on a windmill platform South of an East-West dirt road 3900'+ Northeast of the Southwest corner of Section 36, T6N R1E.			
120	5120	-----	-----	1,636.185
	The mark is a ½" rebar with aluminum cap stamped N.R. 5120 1500'+ North of a windmill, 50'+ West of a Jeep trail and 2600'+ Southwest of the Northeast corner of Section 36, T6N R1E.			
121	7121	-----	-----	1,656.226
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 36, T6N R1E.			
122	7122	-----	-----	1,658.914
	The mark is a standard U.S.G.L.O.S. brass cap at the Northwest corner of of Section 31, T6N R2E.			
123	7123	-----	-----	1,673.431
	The mark is a standard U.S.G.L.O.S. brass cap at the East ¼ corner of Section 25, T6N R2E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
124	7124	-----	-----	1,687.082
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 25, T6N R1E.			
125	7125	-----	-----	1,689.885
	The mark is a standard U.S.G.L.O.S. brass cap at the Northwest corner of Section 30, T6N R1E.			
126	5126	-----	-----	1,725.358
	The mark is a ½" rebar with an aluminum cap stamped N.R. 5126 75'+ South of an abandoned power line, 50'+ Southeast of the intersections of two Jeep trails, 2600'+ Northwest of the Southeast corner of Section 19, T6N R2E.			
127	7127	-----	-----	1,701.932
	The mark is a standard U.S.G.L.O.S. brass cap at the East ½ corner of Section 24, T6N R1E.			
128	7128	1,038,960.92	413,113.03	1,736.531
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 24, T6N R1E.			
129	7129	-----	-----	1,772.022
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 19, T6N R2E.			
130 _B	7130	-----	-----	1,821.044
	The mark is a standard U.S.G.L.O.S. brass cap at the Northeast corner of Section 18, T6N R2E.			
131	8131	1,042,133.21	420,598.96	1,816.977
	The mark is a ½" rebar with aluminum cap stamped N.R. 8131 250'+ West of a sharp bend in the Jeep trail, 300'+ Northwest of center of Section 17, T6N R2E, 3600'+ Southwest of the Northeast corner of Section 17, T6N R2E.			
132	5132	-----	-----	1,653.306
	The mark is a ½" rebar with an aluminum cap stamped N.R. 5132 set 50'+ South of Lake Pleasant Road and 50'+ East of a wash, 1000'+ East and 500'+ South of the Northeast corner of Section 25, T6N R1E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
133 _B	7133	-----	-----	1,659.495
	The mark is a stone with appropriate chisel marks found at the North $\frac{1}{4}$ corner of Section 35, T6N R1E.			
134	7134	1,028,479.89	407,785.28	1,622.508
	The mark is a stone with appropriate chisel marks found at the Northeast corner of Section 35, T6N R1E.			
135	5135	-----	-----	1,584.96
	The mark is a 2" x 2" hub found at the appropriate location of the Northeast corner of Section 2, T5N R1E.			
136	7136	-----	-----	1,547.812
	The mark is a 3/4" iron pipe found at the North $\frac{1}{4}$ corner of Section 11, T5N R1E.			
137	5137	-----	-----	1,584.828
	The mark is a $\frac{1}{2}$ " rebar with an aluminum cap stamped N.R. 5137 set 0.5+ miles North of Carefree Highway under a barbed wire fence 50'+ East of a dirt road, 700'+ West of the East $\frac{1}{4}$ corner of Section 1, T5N R1E.			
138	7138	1,017,860.42	413,057.79	1,565.901
	The mark is a $\frac{1}{2}$ " iron pipe found at the Northeast corner of Section 12, T5N R1E.			
139	5139	-----	-----	1,543.157
	The mark is a $\frac{1}{2}$ " rebar with an aluminum cap stamped N.R. 5139 set 0.5+ miles South of Carefree Highway under a barbed wire fence 50'+ of a dirt road and 700'+ West of the East $\frac{1}{4}$ corner of Section 12, T5N R1E.			
140	5140	-----	-----	1,523.383
	The mark is a $\frac{1}{2}$ " rebar with an aluminum cap stamped N.R. 5140 set 1.0+ miles South of Carefree Highway under a barbed wire fence 50'+ East of a dirt road 700'+ West of Northeast corner of Section 13, T5N R1E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
141 _A	5141	-----	-----	1,502.038
	The mark is a ½" rebar with an aluminum cap stamped N.R. 5141 25'+ West of a sharp bend in a Jeep trail 0.5+ miles West along a Jeep trail from Maricopa Tank, 1400'+ South and 2500'+ East of the Northwest corner of Section 13, T5N R1E.			
142	5142	-----	-----	1,528.056
	The mark is a ½" rebar with an aluminum cap stamped N.R. 5142 set on a small rocky knoll 1000'+ Southwest of Snodgrass Tank, 2400'+ North and 400'+ East of the Southwest corner of Section 13, T5N, R1E.			
143	5143	-----	-----	1,519.173
	The mark is a U.S. Department of Interior brass cap in concrete posts stamped 27.0' Rt., 75'+ West of the outlet of the Central Arizona Project Canal Siphon, 300'+ North and 200'+ West of the Southwest corner of Section 14, T5N R1E.			
144	5144	-----	-----	1,458.865
	The mark is a ½" rebar with an aluminum cap stamped N.R. 5144 18'+ East of the Northeast corner of Section 22, T5N R1E.			
145	5145	-----	-----	1,461.263
	The mark is a ½" rebar with an aluminum cap stamped N.R. 5145 25'+ East of the West River Bank, West Southwest of a concrete irrigation box near the North ¼ corner of Section 23, T5N R1E.			
146	5146	-----	-----	1,446.688
	The mark is a ½' rebar with an aluminum cap stamped N.R. 5146 set 30'+ Northwest of the intersection of two Jeep trails 1000'+ East of the West ¼ corner of Section 23, T5N R1E.			
147 _B	8147	1,003,671.18	405,103.31	1,442.059
	The mark is a ½" rebar with an aluminum cap stamped 8147 15'+ West of a Jeep trail, 0.3+ miles North of the South ¼ corner of Section 23, T5N R1E.			
148 _B	8148	1,002,245.19	407,816.24	1,454.559
	The mark is a ½" rebar with an aluminum cap stamped N.R. 8148 set on a small rocky knoll North of the Southwest corner of Section 24, T5N R1E.			

**REFERENCE
MARK (RM)**

<u>KEY #</u>	<u>FLD. ID #</u>	<u>NORTHING Y</u>	<u>EASTING X</u>	<u>ELEVATION Z</u>
149 _B	8149	1,004.644.45	400,218.91	1,469.848
	The mark is a ½" rebar with an aluminum cap stamped N.R. 8149 set 100'+ South of the fork in 2 Jeep trails, 1400'+ South and 1400'+ West of the Northeast corner of Section 22, T5N, R1E.			
150	8150	-----	-----	1,522.885
	The mark is a U.S. Corps of Engineers Copper Weld Rod stamped N.R. 111 found at the approximate location of the Northeast corner of Section 15, T5N R1E.			
151	5151	-----	-----	1,562.187
	The mark is a PK Nail & aluminum washer stamped L.S. 11890 NR 5151 set on the centerline of Carefree Highway 0.25+ miles West of the Northeast corner of Section 11, T5N, R1E.			
152	5152	-----	-----	1,557.393
	The mark is a PK Nail & aluminum washer stamped L.S. 11890 NR 5152 set on the centerline of Carefree Highway on the West end of the West bridge over New River North of the Southwest corner of Section T5N, R1E.			
153	5153	-----	-----	1,566.797
	The mark is a PK Nail & aluminum washer stamped L.S. 11890 NR 5153 on the centerline of Carefree Highway on the East end of the East bridge over New River, North of the South ½ corner of Section 1, T5N, R1E.			
154 _B	5154	-----	-----	1,568.520
	The mark is a PK Nail & aluminum washer stamped L.S. 11890 NR 5154 set on the centerline of Carefree Highway 500'+ East of the Northwest corner of Section 7, T5N, R2E.			
155	5155	-----	-----	1,509.978
	The mark is a ½" rebar with an aluminum cap stamped NR 5155 200'+ East of the East bank of New River at the approximate location of the Northwest corner of Section 14, T5N, R1E.			
156	8156	1,008,091.60	408.123.76	1,710.159VA
	The mark is a ½" rebar with an aluminum cap stamped NR 8156 set on a rocky hill in a small flat area, 450'+ North of the Central Arizona Project Canal siphon, 600'+ North & 300'+ East of the Southwest corner of Section 13, T5N, R1E.			

MARK (RM)

41

KEY #	FLD. ID #	NORTHING Y	EASTING X	ELEVATION Z
157 _B	9157	1,033,733.45	424,091.87	1,827.104VA

The mark is a 1/2" rebar with an aluminum cap stamped NR 9157 set on a rocky out cropping 50'+ above the desert floor, 400'+ East Southeast of Purcell Tank, 600'+ East & 300'+ South of the Northwest corner of Section 28, T6N, R2E.

158 _B	WHITEWAY	996,027.27 (USCE COORDINATES)	402,445.23	-----
		996,029.23 (A.M.C. COORDINATES)	402.445.03	

The mark is a standard U.S.C. & G.S. brass cap found as described by the National Geodetic Survey Quadrangle, located 700'+ East & 1000' North of the Southwest corner of Section 22, T5N, R1E.

159 _B	ADOT BM 517-1	986,239.03 (USCE COORDINATES)	405,264.79	-----
		986,238.12 (A.M.C. COORDINATES)	405,264.81	

The mark is a standard A.D.O.T. aluminum disk in a concrete post stamped "517-1 1986" found on the North side of Jomax Road where the road curves left to cross the Aqua Fria River, 2600'+ West of the Northeast of Section 5, T4N, R1E.

160 _B	ADOT BM 517-2	-----	-----	1,361.617
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The mark is a standard A.D.O.T. aluminum disk in a concrete post stamped "517-2 1986" found on the North side of the road, 1/2 mile West of Lake Pleasant Road on Jomax Road, 1000'+ West of the Northeast corner of Section 5, T4N, R1E.

161 _B	BAT	-----	-----	1,744.250
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The mark is a standard A.D.O.T. aluminum disk in a concrete post 130'+ West of Lake Pleasant Road 800'+ East & 500'+ North of the Southwest corner of Section 18, T6N, R2E.

163 _B	L-266	-----	-----	1,277.665
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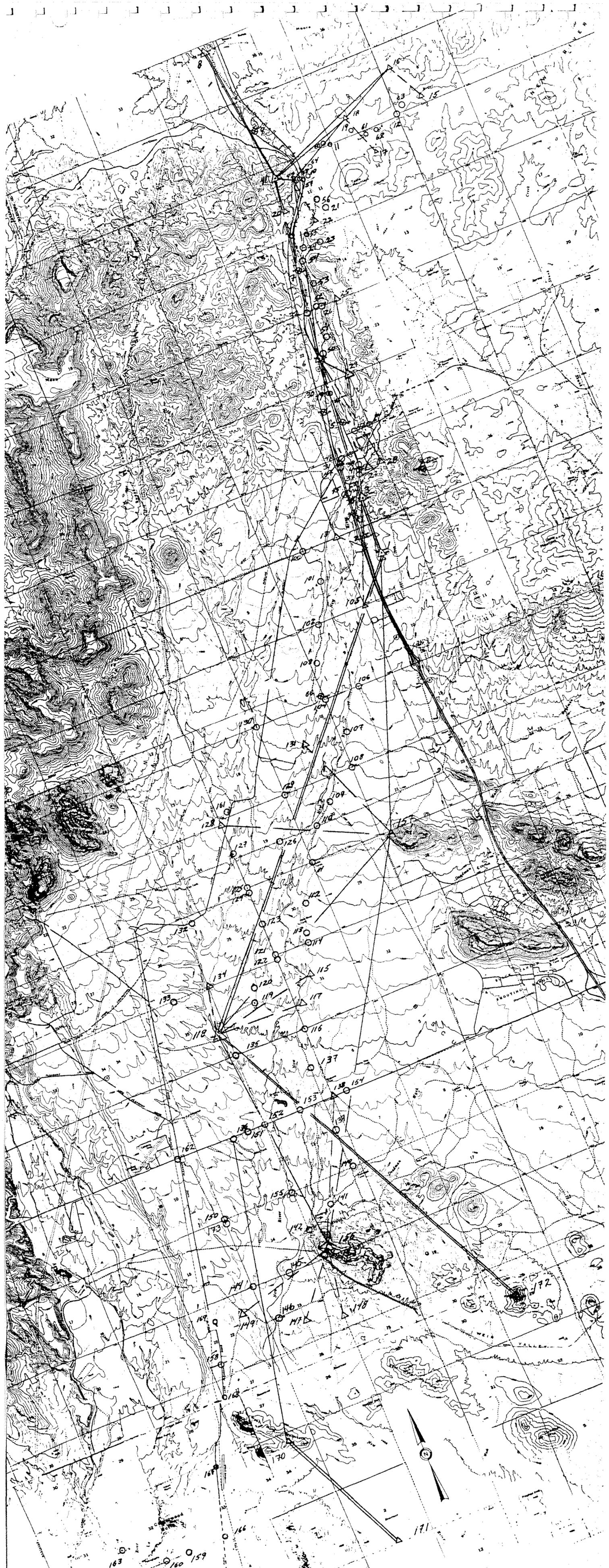
The mark is a standard U.S.C. & G.S. brass cap stamped L-266 found as described by the National Geodetic Survey Quadrangle 0.4+ miles North of the Southeast corner of Section 31, T4N, R1E.

164 _A	K-343	-----	-----	1,934.074
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The mark is a standard U.S.C. & G.S. brass cap in a concrete post stamped K-343 found as described by the National Geodetic Survey Quadrangle, approximately 1000'+ South & 1000'+ East of the Northwest corner of Section 10, T6N, R2E.

REFERENCE
MARK (RM)

<u>KEY</u> <u>#</u>	<u>FLD.</u> <u>ID #</u>	<u>NORTHING</u> <u>Y</u>	<u>EASTING</u> <u>X</u>	<u>ELEVATION</u> <u>Z</u>
165 _A	BM13	-----	-----	1,559.972
The mark is a A.D.O.T. brass cap found on the Southwest corner of the West bridge of 2 bridges on Carefree Highway over New River, north of the northwest corner of Section 12, T5N, R1E.				
166 _B	BM9	-----	-----	1,372.333
The mark is a chiseled box on the Northwest corner of a Telco Pedestal base at the Northeast corner of the intersection of Lake Pleasant Road & Jomax Road, 1600'+ East of the Southwest corner of Section 33, T5N, R1E.				
167 _B	BM10	-----	-----	1,418.125
The mark is a ½" rebar with an A.M.C. aluminum cap stamped "B.M." set 1.0+ miles North along Lake Pleasant Road from the intersection of Lake Pleasant Road & Jomax Road East of the road, 1.0+ West of a power pole with a transformer, 2900'+ East & 400'+ South of the Northwest corner of Section 33, T5N, R1E, 1500'+ South & 200'+ East of the Northwest corner of Section 27, T5N, R1E.				
168 _B	BM11	-----	-----	1,452.474
The mark is a ½" rebar with an A.M.C. aluminum cap stamped "B.M." set 2.0'+ miles North along Lake Pleasant Road from the intersection of Lake Pleasant Road & Jomax Raod, 12.5'+ West of a power pole, East of the main road.				
169 _B	BM12	-----	-----	1,480.802
The mark is a ½" rebar with an A.M.C. aluminum cap stamped "B.M." set 3.0+ miles North along Lake Pleasant Road from the intersection of Lake Pleasant Road & Jomax Raod, East of the Road 4.0+ East of a power pole, 750'+ East & 600'+ South of the Northwest corner of Section 22, T5N, R1E.				
170 - 171	NOT ASSIGNED			
172 _B	PYRAMID PEAK	999,410.21	419,844.86	-----
The mark is a standard U.S.C. & G.S. brass cap found as described by the National Geodetic Survey Quadrangle 1700'+ East & 2600'+ South of the Northwest corner of Section 29, T5N, R2E.				
173	7173	-----	-----	1,523.5080
The mark is a stone with appropriate markings at the Northeast corner of Section 15, T5N, R1E.				



LEGEND

152 - REFERENCE MARK LOCATION IDENTIFICATION NUMBER

REFERENCE MARK LOCATION MAP