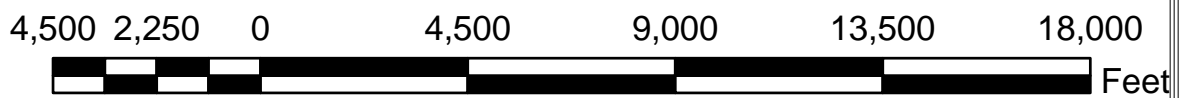
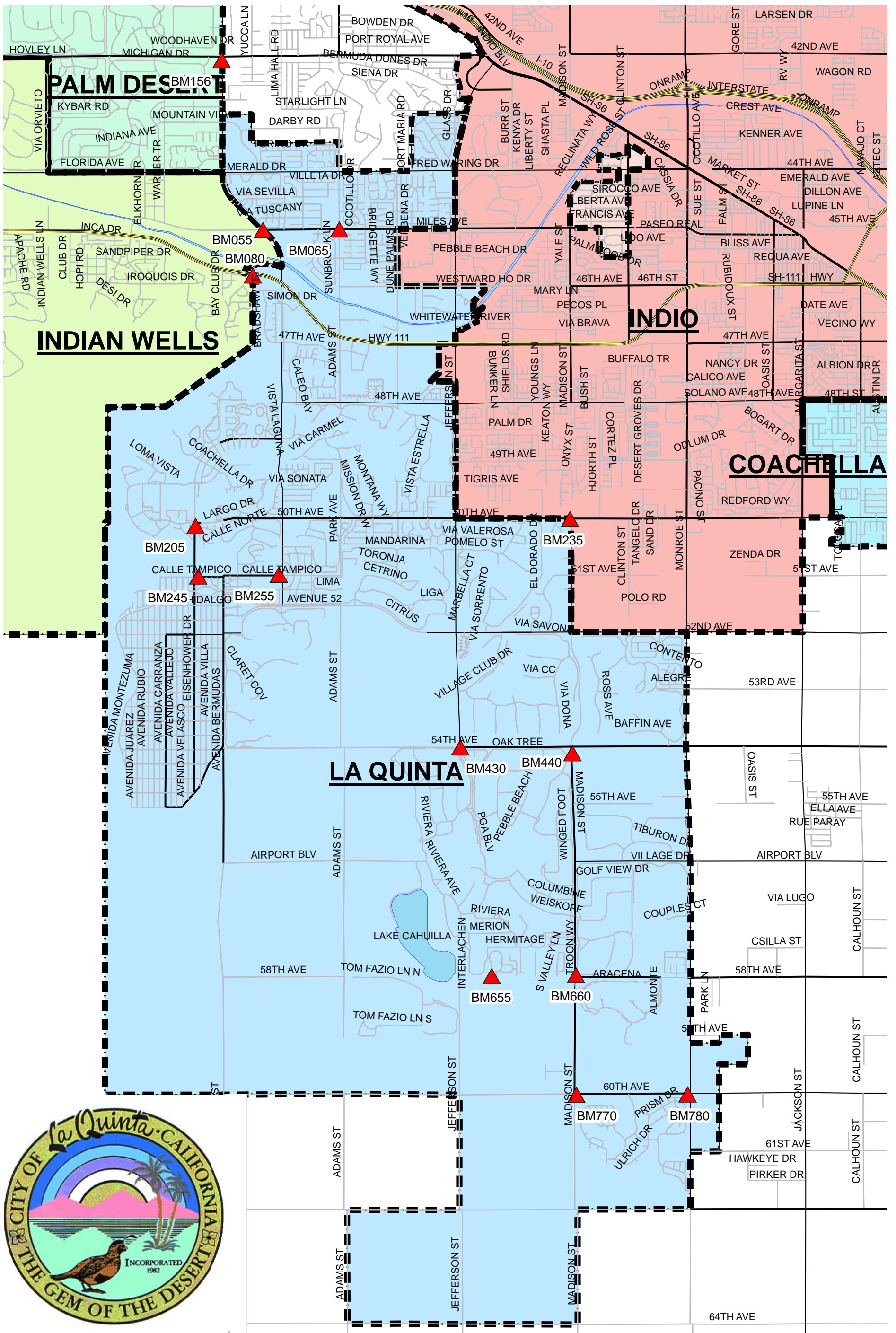


# LA QUINTA BENCHMARK MAP - JUNE 2008



**CONTROL SURVEY MONUMENT RECOVERY  
CITY OF LA QUINTA**

Date Printed: 6/25/2008

Number: **055**  
Name: **MILES AVENUE / WASHINGTON STREET**

**Monument Description:**

1" Iron Pipe with nail and tag in Monument Well, down 0.6'.

Stamping: Country Surveyor

Center Mark: Nail

Recovery By: RBF Date: May 2008

**Location:**

Intersection of Washington Street and Miles Avenue.

**Notes:**

**GPS Useable: Yes**



Looking Northeast

<b>NAD 83 Coordinates</b>	<b>Epoch:</b> 2007.0	<b>Accuracy:</b> 1 cm	<b>Survey by:</b> RBF	<b>Adj.:</b> May 2008		
<b>Ellipsoidal Coordinates, GRS 80</b>			<b>Horizontal Coordinates</b>		<b>CCS 83, Zone 6 Coordinates</b>	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	43	18.32649	Northing:	672,467.304	2,206,253.15
Longitude:	116	17	51.86843	Easting:	1,995,575.210	6,547,149.67
Ellipse Height (m):	3.397			Combined Factor:	0.99997645	

<b>Elevation (MSL)</b>	<b>Meters</b>	<b>Feet</b>	<b>Epoch Date</b>	<b>Survey By</b>	<b>Adj. Date</b>	<b>Accuracy</b>
<b>NAVD88:</b>	36.276	119.016	July 2002	RBF	May 2008	1 cm
<b>NGVD29:</b>		116.801	July 2002	RBF	May 2008	2 cm

**CONTROL SURVEY MONUMENT RECOVERY  
CITY OF LA QUINTA**

Date Printed: 6/25/2008

Number: **065**  
Name: **MILES AVENUE / ADAMS STREET**

**Monument Description:**

1" Iron Pipe with rectangular plug and brass tack in monument well, down 1.2'.

Stamping:

Center Mark:

Recovery By: RBF Date: May 2008

**Location:**

Center of the intersection of Miles Avenue and Adams Street.



Looking Northeast

**Notes:** **GPS Useable: Yes**

**NAD 83 Coordinates** Epoch: 2007.0 **Accuracy:** 1 cm **Survey by:** RBF **Adj.:** May 2008

Ellipsoidal Coordinates, GRS 80			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	43	18.61254	Northing:	672,475.687	2,206,280.65
Longitude:	116	17	10.45423	Easting:	1,996,641.431	6,550,647.76
Ellipse Height (m):			-4.195	Combined Factor:	0.99997765	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	28.729	94.256	July 2002	RBF	May 2008	2 cm
<b>NGVD29:</b>		92.045	July 2002	RBF	May 2008	2 cm

**CONTROL SURVEY MONUMENT RECOVERY  
CITY OF LA QUINTA**

Date Printed: 6/25/2008

Number: **080**  
Name: **HIGHWAY 111 @ WHITEWATER CHANNEL**

**Monument Description:**

3" NGS brass disk in large rock, stamped "y1462", down 0.1'.

Stamping: Y1462

Center Mark: +

Recovery By: RBF Date: May 2008

**Location:**

22.5'southerly of curb face of Highway 11, across from Cliff House entrance.

**Notes:**

**GPS Useable: No**



Looking South

<b>NAD 83 Coordinates</b>	<b>Epoch:</b> 2007.0	<b>Accuracy:</b> 1 cm	<b>Survey by:</b> RBF	<b>Adj.:</b> May 2008		
<b>Ellipsoidal Coordinates, GRS 80</b>			<b>Horizontal Coordinates</b>		<b>CCS 83, Zone 6 Coordinates</b>	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	42	57.66531	Northing:	671,830.805	2,204,164.90
Longitude:	116	17	57.32090	Easting:	1,995,434.536	6,546,688.14
Ellipse Height (m):					Combined Factor:	0.99997695

<b>Elevation (MSL)</b>	<b>Meters</b>	<b>Feet</b>	<b>Epoch Date</b>	<b>Survey By</b>	<b>Adj. Date</b>	<b>Accuracy</b>
<b>NAVD88:</b>	28.761	94.361	July 2002	RBF	May 2008	1 cm
<b>NGVD29:</b>		92.147	July 2002	RBF	May 2008	2 cm

# CONTROL SURVEY MONUMENT RECOVERY

## CITY OF LA QUINTA

Date Printed: 6/25/2008

Number: **156**  
 Name: **WASHINGTON STREET / AVENUE 42**

**Monument Description:**

2" brass disk in TC stamped "City of Palm Desert Benchmark #131", flush.

Stamping: City of Palm Desert

Center Mark: +

Recovery By: RBF Date: May 2008

**Location:**

84 feet south of the E.C.R. of the southeast curb return at the intersection of Washington Street and Avenue 42.

**Notes:**

**GPS Useable:** Yes



Looking North

NAD 83 Coordinates Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: May 2008

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	44	35.42444	Northing:		674,842.955	2,214,047.26
Longitude:	116	18	14.31295	Easting:		1,994,998.601	6,545,257.91
Ellipse Height (m):	3.867			Combined Factor:		0.99997897	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	36.759	120.602	July 2002	RBF	May 2008	2 cm
NGVD29:		118.397	July 2002	RBF	May 2008	2 cm

# CONTROL SURVEY MONUMENT RECOVERY

## CITY OF LA QUINTA

Date Printed: 6/25/2008

Number: **205**  
 Name: **EISENHOWER DRIVE / AVENUE 50**

**Monument Description:**

3.5" Brass disk in curb, flush

Stamping: City of La Quinta Benchmark

Center Mark: Punch Mark

Recovery By: RBF Date: March 2008

**Location:**

80 feet south of B.C.R. of the southeast curb return at the intersection of Eisenhower Drive and Avenue 50.

**Notes:**

90 feet north of catch basin

**GPS Useable:** Yes



Looking North

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008


Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	41	3.88499	Northing:		668,325.703	2,192,665.24
Longitude:	116	18	28.32503	Easting:		1,994,634.329	6,544,062.79
Ellipse Height (m):			-20.721			Combined Factor:	0.99997604

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	12.013	39.411	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		37.162	July 2002	RBF	March 2008	2 cm

**CONTROL SURVEY MONUMENT RECOVERY  
CITY OF LA QUINTA**

Date Printed: 6/25/2008

Number: <b>235</b> Name: <b>AVENUE 50 / MADISON STREET</b>
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<p><b>Monument Description:</b>          2.5" brass disk in concrete, stamped "RIV CO SUR", flush.          Stamping: RIV CO SUR          Center Mark: Punch Mark          Recovery By: RBF                      Date: May 2008</p> <p><b>Location:</b>          Southwest corner of intersection of Avenue 50 and Madison Street, on channel abutment.</p> <p><b>Notes:</b>                                      <b>GPS Useable:</b> No</p>	 <p style="text-align: center;">Looking West</p>
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<b>NAD 83 Coordinates</b>	<b>Epoch:</b> 2007.0	<b>Accuracy:</b> 1 cm	<b>Survey by:</b> RBF	<b>Adj.:</b> May 2008		
<b>Ellipsoidal Coordinates, GRS 80</b>			<b>Horizontal Coordinates</b>		<b>CCS 83, Zone 6 Coordinates</b>	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	41	7.04654	Northing:	668,421.620	2,192,979.93
Longitude:	116	15	5.38148	Easting:	1,999,861.396	6,561,211.93
Ellipse Height (m):			-23.941	Combined Factor:	0.99997664	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	9.080	29.789	July 2002	RBF	May 2008	2 cm
<b>NGVD29:</b>		27.578	July 2002	RBF	May 2008	2 cm

# CONTROL SURVEY MONUMENT RECOVERY

## CITY OF LA QUINTA

Date Printed: 6/25/2008

Number: **245**  
 Name: **CALLE TAMPICO / EISENHOWER DRIVE**

**Monument Description:**

3.5" Brass disk in curb, flush

Stamping: City of La Quinta Benchmark

Center Mark: Punch Mark

Recovery By: RBF Date: March 2008

**Location:**

110 feet east of B.C.R. of the northeast curb return at the intersection of Calle Tampico and Eisenhower Drive.

**Notes:**

150 feet west of school entrance

**GPS Useable:** Yes



Looking West

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008

Ellipsoidal Coordinates, GRS 80			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	40	40.97441	Northing:	667,619.822	2,190,349.37
Longitude:	116	18	26.84659	Easting:	1,994,672.018	6,544,186.45
Ellipse Height (m):			-18.107	Combined Factor:		0.99997496

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	14.607	47.922	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		45.663	July 2002	RBF	March 2008	2 cm



**CONTROL SURVEY MONUMENT RECOVERY  
CITY OF LA QUINTA**

Date Printed: 6/25/2008

Number: **255**  
Name: **CALLE TAMPICO / WASHINGTON STREET**

**Monument Description:**

3.5" Brass disk in curb, flush.

Stamping: City of La Quinta Benchmark  
Center Mark: Punch Mark  
Recovery By: RBF Date: March 2008

**Location:**

70 feet west of E.C.R. of the northwest curb return at the intersection of Calle Tampico and Washington Street.

**Notes:** **GPS Useable:** Yes  
170 feet east of bus stop structure



Looking East

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008

Ellipsoidal Coordinates, GRS 80			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	40	41.73596	Northing:	667,642.731	2,190,424.53
Longitude:	116	17	43.15343	Easting:	1,995,797.483	6,547,878.91
Ellipse Height (m):			-20.913	Combined Factor:	0.99997542	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	11.871	38.947	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		36.699	July 2002	RBF	March 2008	2 cm

**CONTROL SURVEY MONUMENT RECOVERY  
CITY OF LA QUINTA**

Date Printed: 6/25/2008

Number: **430**  
Name: **AVENUE 54 / JEFFERSON STREET**

**Monument Description:**

1-1/2" Copperweld stamped "LS --98", flush.

Stamping: "LS --98"

Center Mark: Punch Mark

Recovery By: RBF Date: May 2008

**Location:**

Center intersection of Avenue 54 and Jefferson Street.

**Notes:**

Only partial stamping due to damage

**GPS Useable:** Yes



<b>NAD 83 Coordinates</b>	<b>Epoch:</b> 2007.0	<b>Accuracy:</b> 1 cm	<b>Survey by:</b> RBF	<b>Adj.:</b> May 2008		
<b>Ellipsoidal Coordinates, GRS 80</b>			<b>Horizontal Coordinates</b>		<b>CCS 83, Zone 6 Coordinates</b>	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	39	23.36500	Northing:	665,226.128	2,182,500.42
Longitude:	116	16	4.75881	Easting:	1,998,327.522	6,556,192.67
Ellipse Height (m):			-31.204	Combined Factor:	0.99997483	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	1.666	5.467	July 2002	RBF	May 2008	2 cm
<b>NGVD29:</b>		3.216	July 2002	RBF	May 2008	2 cm

# CONTROL SURVEY MONUMENT RECOVERY

## CITY OF LA QUINTA

Date Printed: 6/25/2008

Number: **440**  
 Name: **MADISON STREET / AVENUE 54**

**Monument Description:**

3.5" Brass disk in concrete, flush.

Stamping: City of La Quinta Benchmark

Center Mark: Punch Mark

Recovery By: RBF Date: March 2008

**Location:**

260 feet south of B.C.R. of the southeast curb return at the intersection of Madison Street and Avenue 54.

**Notes:**

In the northwest corner of catch basin

**GPS Useable:** Yes



Looking Northwest

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	39	20.73787	Northing:		665,146.330	2,182,234.25
Longitude:	116	15	4.07312	Easting:		1,999,895.057	6,561,322.37
Ellipse Height (m):			-35.135			Combined Factor:	0.99997538

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	-2.169	-7.116	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		-9.350	July 2002	RBF	March 2008	2 cm

# CONTROL SURVEY MONUMENT RECOVERY

## CITY OF LA QUINTA

Date Printed: 6/25/2008

Number: **655**  
 Name: **STONE CREEK WAY / AVENUE 58**

**Monument Description:**

3.5" Brass disk in curb, flush.

Stamping: City of La Quinta Benchmark

Center Mark: Punch Mark

Recovery By: RBF Date: March 2008

**Location:**

270 feet west of the E.C.R. of the Northwest curb return at the intersection of Stone Creek Way and Avenue 58.

**Notes:**

180 feet east of curb end

**GPS Useable:** Yes



Looking North

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	37	39.53426	Northing:		662,028.425	2,172,004.92
Longitude:	116	15	47.72770	Easting:		1,998,769.913	6,557,630.96
Ellipse Height (m):			-40.857			Combined Factor:	0.99997365

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	-8.056	-26.431	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		-28.701	July 2002	RBF	March 2008	2 cm

# CONTROL SURVEY MONUMENT RECOVERY

## CITY OF LA QUINTA

Date Printed: 6/25/2008

Number: **660**  
 Name: **MADISON STEET / AVENUE 58**

**Monument Description:**

3.5" Brass disk in concrete, flush

Stamping: City of La Quinta Benchmark

Center Mark: Punch mark

Recovery By: RBF Date: March 2008

**Location:**

3 feet north of the E.C.R. of the northeast curb return at the the intersection of Madison Street and Avenue 58.

**Notes:**

In southeast corner of a catch basin

**GPS Useable:** Yes



Looking Southwest

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	37	39.97700	Northing:		662,041.987	2,172,049.42
Longitude:	116	15	2.11502	Easting:		1,999,945.490	6,561,487.83
Ellipse Height (m):			-46.642			Combined Factor:	0.99997457

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	-13.757	-45.135	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		-47.392	July 2002	RBF	March 2008	2 cm

# CONTROL SURVEY MONUMENT RECOVERY

## CITY OF LA QUINTA

Date Printed: 6/25/2008

Number: **770**  
 Name: **AVENUE 60 / MADISON STREET**

**Monument Description:**

3.5" Brass disk in concrete, flush

Stamping: City of La Quinta Benchmark

Center Mark: Punch Mark

Recovery By: RBF Date: March 2008

**Location:**

80 feet east of centerline of Madison Street in the south curb of east bound Avenue 60.

**Notes:**

In front of fire hydrant

**GPS Useable:** Yes



Looking West

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	36	45.63299	Northing:		660,367.711	2,166,556.40
Longitude:	116	15	1.88497	Easting:		1,999,951.410	6,561,507.25
Ellipse Height (m):			-42.247			Combined Factor:	0.99997257

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	-9.417	-30.897	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		-33.169	July 2002	RBF	March 2008	2 cm

**CONTROL SURVEY MONUMENT RECOVERY  
CITY OF LA QUINTA**

Date Printed: 6/25/2008

Number: **780**  
Name: **AVENUE 60 / MONROE STREET**

**Monument Description:**

3.5" Brass disk in concrete, flush

Stamping: City of La Quinta Benchmark

Center Mark: Punch Mark

Recovery By: RBF Date: March 2008

**Location:**

45 feet west of the B.C.R. of the southwest curb return at the intersection of Avenue 60 and Monroe Street.

**Notes:**

10 feet west of transformer pad

**GPS Useable:** Yes



Looking East

**NAD 83 Coordinates** Epoch: 2007.0 Accuracy: 1 cm Survey by: RBF Adj.: March 2008

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	36	45.80975	Northing:		660,373.273	2,166,574.65
Longitude:	116	14	1.64505	Easting:		2,001,504.241	6,566,601.83
Ellipse Height (m):			-55.567			Combined Factor:	0.99997466

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
<b>NAVD88:</b>	-22.629	-74.243	July 2002	RBF	March 2008	1 cm
<b>NGVD29:</b>		-76.499	July 2002	RBF	March 2008	2 cm