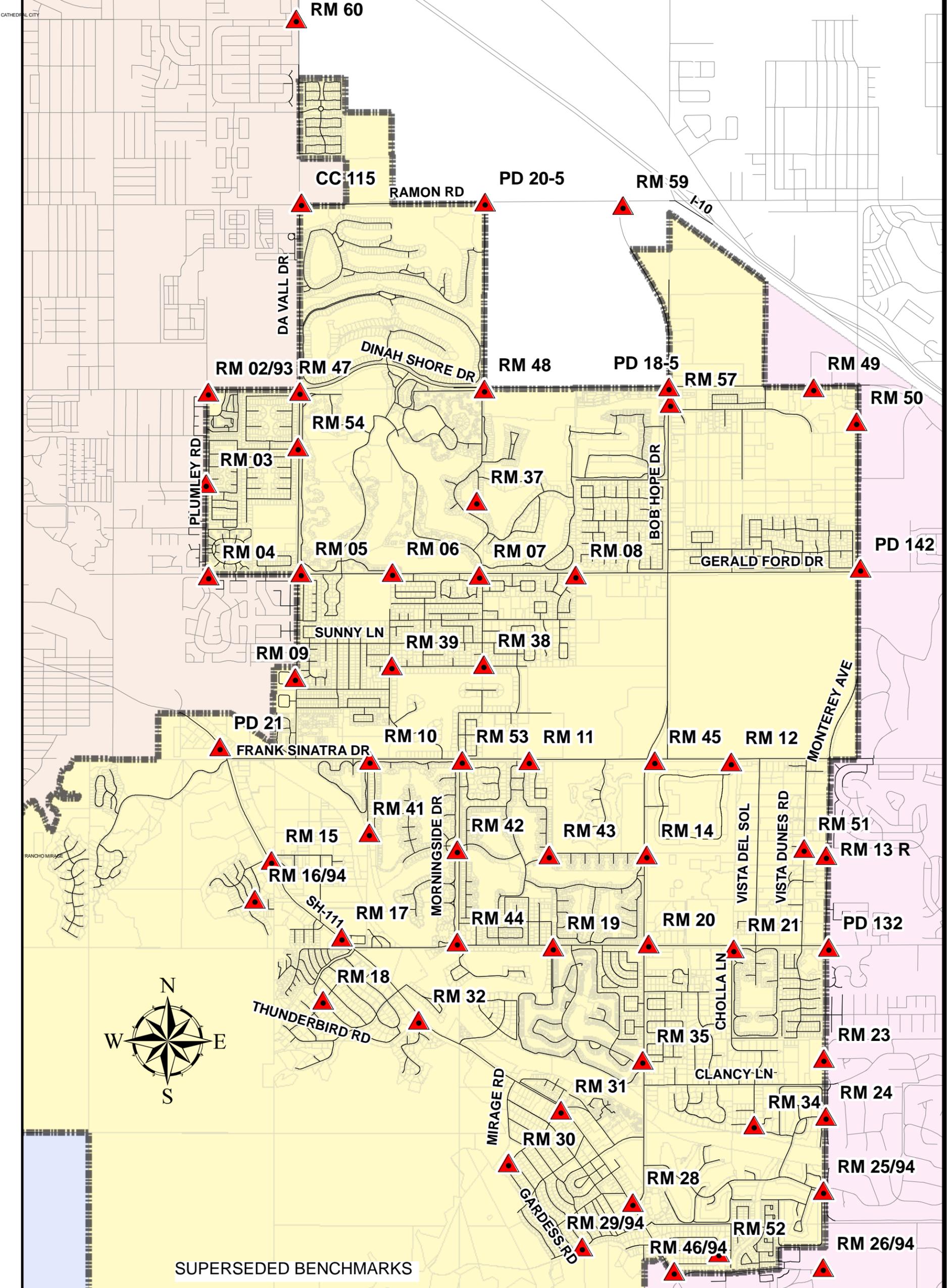
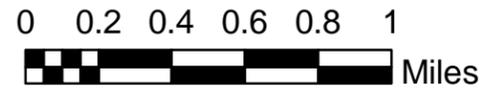
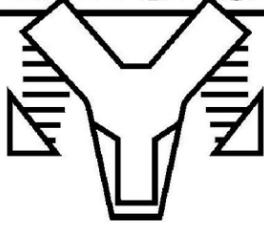


BENCHMARK LOCATION MAP JANUARY 2009

REVISED 6/9/2010

CITY OF RANCHO MIRAGE



SUPERSEDED BENCHMARKS

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 02/93**
 Name: **DINAH SHORE DRIVE / PLUMLEY ROAD**

Monument Description:

2-1/2" brass disk in TC, flush

Stamping: RM 02/93 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

Southerly B.C.R. of the southeast curb return at the intersection of Dinah Shore Drive and Plumley Road.

Notes: **GPS Usable:** Yes
 EL = 342.46' NGVD29, 1993 adjustment



Looking North

NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	48	4.53984	Northing:		681,302.160		2,235,238.84	
Longitude:	116	26	57.29772	Easting:		1,981,549.878		6,501,134.89	
Ellipse Height (m):	72.605					Combined Factor:		0.9999759	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	105.130	344.913	2007.0	RBF	11/2008	2 cm
NGVD29:		342.585	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 03**
 Name: **35TH AVENUE / PLUMLEY ROAD**

Monument Description:

2-1/2" brass disk in TC, flush

Stamping: RM 03 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

6 feet south of E.C.R. at the southwest corner of Plumley Road and 35th Avenue, 7 feet east of a fire hydrant.

Notes:

EL = 321.291' NGVD29, 1985 adjustment

GPS Usable: Yes



Looking North

NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	47	38.62718	Northing:	680,503.817	2,232,619.61
Longitude:	116	26	57.97879	Easting:	1,981,530.832	6,501,072.41
Ellipse Height (m):			66.166	Combined Factor:	0.9999759	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	98.672	323.727	2007.0	RBF	11/2008	2 cm
NGVD29:		321.403	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 04**
 Name: **GERALD FORD DRIVE / PLUMLEY ROAD**

Monument Description:
 2-1/2" brass disk in concrete signal cabinet, flush

Stamping: RM 04 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 Concrete footing of signal cabinet, 7 feet east of the southeast curb return of Gerald Ford Drive and Plumley Road, 9 feet behind TC.

Notes: **GPS Usable:** Yes
 EL = 289.926' NGVD29, 1985 adjustment



NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	47	12.56575	Northing:		679,700.812	2,229,985.08
Longitude:	116	26	57.02621	Easting:		1,981,553.802	6,501,147.77
Ellipse Height (m):	56.596					Combined Factor:	0.9999764

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	89.082	292.264	2007.0	RBF	11/2008	2 cm
NGVD29:		289.941	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 06**
 Name: **GERALD FORD DRIVE, EAST OF PALM VIEW ROAD**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 06 10-2008

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 North curb of Gerald Ford Drive, 75' east of the prolongation of Palm View Drive, and 0.5 miles east of Da Vall Drive.

Notes: **GPS Usable: Yes**



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	47	13.62421	Northing:		679,730.500		2,230,082.48	
Longitude:	116	25	54.84505	Easting:		1,983,153.528		6,506,396.20	
Ellipse Height (m):	58.867					Combined Factor:		0.9999761	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	91.425	299.951	2007.0	RBF	11/2008	2 cm
NGVD29:		297.629	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 07**
 Name: **GERALD FORD DRIVE / LOS ALAMOS ROAD**

Monument Description:
 2-1/2" brass disk , flush

Stamping: RM 07 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In southeast corner of an Edison vault, 40 feet west of B.C.R., southwest corner of Gerald Ford Drive and Los Alamos Road

Notes: **GPS Usable:** No
 EL = 317.307' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 10 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	47	12.93880	Northing:		679,708.090		2,230,008.96	
Longitude:	116	25	25.38121	Easting:		1,983,911.476		6,508,882.90	
Ellipse Height (m):	64.858					Combined Factor:		0.9999751	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	97.447	319.706	2007.0	RBF	11/2008	2 cm
NGVD29:		317.383	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 08**
 Name: **GERALD FORD DRIVE, WEST OF BOB HOPE DRIVE**

Monument Description:

2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 08 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

South curb of Gerald Ford Drive, 0.5 miles west of Bob Hope Drive at prolongation of block wall

Notes:

GPS Usable: Yes



Looking South

NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	47	13.06922	Northing:	679,710.748	2,230,017.68
Longitude:	116	24	52.80703	Easting:	1,984,749.483	6,511,632.26
Ellipse Height (m):			65.706	Combined Factor:	0.9999750	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	98.326	322.591	2007.0	RBF	11/2008	2 cm
NGVD29:		320.265	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 09**
 Name: **DA VALL DRIVE / KEVIN LEE LANE**

Monument Description:

2-1/2" brass disk in concrete island, flush

Stamping: RM 09 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

In the east end of a 8 feet by 2 feet concrete island at the center of the entrance lane, northwest corner of Kevin Lee Lane and Da Vall Drive.

Notes: **GPS Usable:** No
 EL = 270.774' NGVD29, 1985 adjustment



Looking West

NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	46	43.92635	Northing:	678,817.012	2,227,085.48
Longitude:	116	26	27.62923	Easting:	1,982,308.451	6,503,623.64
Ellipse Height (m):			50.747	Combined Factor:	0.9999762	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	83.242	273.104	2007.0	RBF	11/2008	2 cm
NGVD29:		270.784	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 10**
 Name: **FRANK SINATRA DR. / MORNING SIDE SERVICE ENTRANCE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 10 10-2008

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 E.C.R. at the southeast curb return at the service entrance to Morning Side on Frank Sinatra Drive

Notes: **GPS Usable: Yes**



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	46	20.50601	Northing:	678,094.257	2,224,714.24
Longitude:	116	26	2.31092	Easting:	1,982,958.575	6,505,756.59
Ellipse Height (m):			47.329	Combined Factor:	0.9999759	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	79.834	261.921	2007.0	RBF	11/2008	2 cm
NGVD29:		259.610	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 11**
 Name: **FRANK SINATRA DRIVE, EAST OF MORNINGSIDE DRIVE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 11 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the back of a concrete storm drain inlet, opposite the northeast end of a 5 foot block wall, on the south side of Frank Sinatra Drive, 0.4 miles east of Morningside Drive.

Notes: **GPS Usable:** Yes
 EL = 247.906' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	46	20.46612	Northing:		678,090.686		2,224,702.52	
Longitude:	116	25	8.52799	Easting:		1,984,342.420		6,510,296.76	
Ellipse Height (m):	43.725					Combined Factor:		0.9999765	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	76.295	250.310	2007.0	RBF	11/2008	2 cm
NGVD29:		248.010	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 12**
 Name: **FRANK SINATRA DRIVE / RANCHO MIRAGE COUNTRY CLUB**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 12 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 2 feet east of the fire hydrant, 6.5 feet south of E.C.R., southwest curb return on Frank Sinatra Drive at the north entrance of Rancho Mirage Country Club, 0.5 miles east of Bob Hope Drive.

Notes: **GPS Usable:** Yes
 EL = 279.523' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	46	20.24835	Northing:		678,081.284		2,224,671.68	
Longitude:	116	24	0.13974	Easting:		1,986,102.056		6,516,069.83	
Ellipse Height (m):	53.275					Combined Factor:		0.9999750	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	85.918	281.883	2007.0	RBF	11/2008	2 cm
NGVD29:		279.613	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Number: **RM 13 RESET 4-2010**
 Name: **MONTEREY AVENUE / JPL CHURCH**

Monument Description:
 2 1/2" brass disk in TC, flush.

Stamping: City of Rancho Mirage Benchmark
 RM 13 Reset 4-2010

Center Mark: Punch

Recovery By: Cal-Surv., Inc. Date: April 2010

Location:
 West curb of Monterey Avenue, 100 feet north of
 BCR for JPL Church entrance.

Notes: GPS Usable: Yes



Viewing West

NAD 83 Coordinates			Epoch: 2007	Accuracy: 2 cm	Survey by: CSI	Adj.: 4 / 2010
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	45	53.73455	Northing:	677,263.243	2,221,987.82
Longitude:	116	23	28.15070	Easting:	1,986,924.036	6,518,766.61
Ellipse Height (m):			45.086	Combined Factor:	0.9999753	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	77.586	254.550	2007.0	Cal-Surv., Inc.	4 / 2010	2 cm
NGVD29:		252.288	2007.0	Cal-Surv., Inc.	4 / 2010	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 14**
 Name: **BOB HOPE DRIVE / PETER SOLOMON WAY**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 14 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the middle of the southeast curb return at Bob Hope Drive and Peter Solomon Way (the northerly entrance to the parking lot for the blood bank), 0.5 miles south of Frank Sinatra Drive.

Notes: **GPS Usable:** No
 EL = 233.938' NGVD29, 1985 adjustment



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	45	53.93115	Northing:	677,271.533	2,222,015.02
Longitude:	116	24	28.66241	Easting:	1,985,366.932	6,513,658.01
Ellipse Height (m):			39.408	Combined Factor:	0.9999762	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	72.002	236.228	2007.0	RBF	11/2008	2 cm
NGVD29:		233.962	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 15**
 Name: **HIGHWAY 111 / MIRAGE COVE DRIVE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 15 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:
 39 feet south of B.C.R., at the southeast corner of Highway 111 and Mirage Cove Drive.

Notes: **GPS Usable: Yes**



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	52.23419	Northing:		677,224.752		2,221,861.54	
Longitude:	116	26	35.60693	Easting:		1,982,100.247		6,502,940.56	
Ellipse Height (m):	49.789					Combined Factor:		0.9999745	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	82.216	269.736	2007.0	RBF	11/2008	2 cm
NGVD29:		267.441	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 16/94**
 Name: **STELLAR DRIVE / VENUS DRIVE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 16/94 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the southwesterly corner of an Edison vault, 4 feet from back of curb on northerly side of Stellar Drive and approximate northerly prolongation of the centerline of Venus Drive.

Notes: **GPS Usable:** Yes
 EL = 309.57' NGVD29, 1994 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	41.20008	Northing:		676,885.059		2,220,747.07	
Longitude:	116	26	41.21513	Easting:		1,981,955.299		6,502,465.01	
Ellipse Height (m):	62.724					Combined Factor:		0.9999721	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	95.128	312.099	2007.0	RBF	11/2008	2 cm
NGVD29:		309.804	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 17**
 Name: **HIGHWAY 111, NORTHWEST OF COUNTRY CLUB DRIVE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 17 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:
 Northwesterly curb on Highway 111, 8.6 feet northwest from E.C.R. of parking lot of Trojan Financial Plaza, 500 feet northwest of Country Club Drive.

Notes: **GPS Usable:** Yes



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	30.57651	Northing:		676,556.360		2,219,668.66	
Longitude:	116	26	11.72596	Easting:		1,982,713.571		6,504,952.77	
Ellipse Height (m):	46.347					Combined Factor:		0.9999742	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	78.782	258.469	2007.0	RBF	11/2008	2 cm
NGVD29:		256.182	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 18**
 Name: **CALICO ROAD / TONAPAH ROAD**

Monument Description:

2-1/2" brass disk in concrete, flush

Stamping: RM 18 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

In the northerly corner of a storm drain inlet, 15 feet easterly of a fire hydrant on Calico Road, at the northwest corner of Calico Road and Tonapah Road.

Notes: **GPS Usable:** Yes
 EL = 370.828' NGVD29, 1985 adjustment



Looking East

NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	12.65879	Northing:		676,004.611		2,217,858.46	
Longitude:	116	26	18.09884	Easting:		1,982,548.572		6,504,411.44	
Ellipse Height (m):	81.389					Combined Factor:		0.9999681	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	113.789	373.322	2007.0	RBF	11/2008	2 cm
NGVD29:		371.033	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 19**
 Name: **COUNTRY CLUB DRIVE / SAND DUNE ROAD**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 19 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In base of light standard No. 2097284E, east of the E.C.R. , southeast curb return of Country Club Drive and Sand Dune Road.

Notes: **GPS Usable:** No
 EL = 231.922' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 10 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	27.81885	Northing:		676,468.279		2,219,379.68	
Longitude:	116	25	0.23540	Easting:		1,984,553.196		6,510,988.28	
Ellipse Height (m):	38.668					Combined Factor:		0.9999753	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	71.200	233.595	2007.0	RBF	11/2008	2 cm
NGVD29:		231.317	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 20**
 Name: **COUNTRY CLUB DRIVE / BOB HOPE DRIVE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 20 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:
 In northwest corner of catch basin, 32.5 feet east of the northeast B.C.R. of Country Club Drive and Bob Hope Drive.

Notes: **GPS Usable: Yes**



NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	45	28.75674	Northing:		676,495.886	2,219,470.25
Longitude:	116	24	28.04802	Easting:		1,985,381.568	6,513,706.03
Ellipse Height (m):	36.451					Combined Factor:	0.9999757

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	69.026	226.462	2007.0	RBF	11/2008	2 cm
NGVD29:		224.197	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 21**
 Name: **COUNTRY CLUB DRIVE / BURTON DRIVE**

Monument Description:

2-1/2" brass disk in concrete, flush

Stamping: RM 21 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

On the northeast corner of an Edison vault, 15 feet south of B.C.R., southeast corner of Country Club Drive and Burton Drive.

Notes:

EL = 219.993' NGVD29, 1985 adjustment

GPS Usable: No



Looking north

NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	45	27.37462	Northing:		676,452.212	2,219,326.96
Longitude:	116	23	59.28344	Easting:		1,986,121.748	6,516,134.44
Ellipse Height (m):	35.083					Combined Factor:	0.9999759

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	67.692	222.085	2007.0	RBF	11/2008	2 cm
NGVD29:		219.832	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 23**
 Name: **MONTEREY AVENUE, SOUTH OF HOVELY LANE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 23 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the southwest corner of an Edison vault, at the northeast corner of chain link fence, 35 feet west of the centerline of Monterey Avenue, 0.2 miles south of Hovely Lane.

Notes: **GPS Usable:** Yes
 EL = 196.144' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	44	56.41275	Northing:		675,497.181		2,216,193.67	
Longitude:	116	23	28.73859	Easting:		1,986,906.515		6,518,709.12	
Ellipse Height (m):	27.755					Combined Factor:		0.9999760	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	60.373	198.075	2007.0	RBF	11/2008	2 cm
NGVD29:		195.836	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 24**
 Name: **MONTEREY AVENUE, SOUTH OF CLANCY LANE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 24 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 East curb of Monterey Avenue, 0.2 miles south of Clancy Lane

Notes: **GPS Usable:** No
 EL = 195.46' NGVD29, 1994 adjustment
 EL = 195.803' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 10 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	44	40.04324	Northing:		674,992.812		2,214,538.92	
Longitude:	116	23	27.95246	Easting:		1,986,926.065		6,518,773.27	
Ellipse Height (m):	27.365					Combined Factor:		0.9999754	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	59.970	196.751	2007.0	RBF	11/2008	2 cm
NGVD29:		194.511	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 25/94**
 Name: **LAS PALMAS / MONTEREY AVENUE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 25/94 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the base of a light standard, at the southwest corner of Las Palmas and Monterey Avenue, the entrance to the Rancho Las Palmas Country Club

Notes: **GPS Usable:** No
 EL = 191.80' NGVD29, 1994 adjustment
 EL = 192.275' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 10 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	44	19.09418	Northing:		674,347.404		2,212,421.44	
Longitude:	116	23	28.77484	Easting:		1,986,904.023		6,518,700.95	
Ellipse Height (m):	26.305					Combined Factor:		0.9999749	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	58.887	193.199	2007.0	RBF	11/2008	2 cm
NGVD29:		190.956	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 26/94**
 Name: **MONTEREY AVENUE / PARK VIEW DRIVE**

Monument Description:

2-1/2" brass disk in concrete, flush

Stamping: RM 26/94 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

In the base of a traffic signal, at the northwesterly intersection of Monterey Avenue and Park View Drive.

Notes: **GPS Usable:** No
 EL = 191.87' NGVD29, 1994 adjustment



Looking south

NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	43	57.33699	Northing:		673,677.073	2,210,222.20
Longitude:	116	23	28.86591	Easting:		1,986,900.771	6,518,690.28
Ellipse Height (m):	26.452					Combined Factor:	0.9999741

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	59.011	193.604	2007.0	RBF	11/2008	2 cm
NGVD29:		191.359	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 28**
 Name: **HIGHWAY 111 / BOB HOPE DRIVE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: City of Rancho Mirage Benchmark
 RM 28 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:
 30 feet northwesterly of the B.C.R. at the
 northeasterly corner of Highway 111 and Bob
 Hope Drive.

Notes: **GPS Usable: Yes**



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	44	15.67091	Northing:		674,244.326		2,212,083.26	
Longitude:	116	24	33.25953	Easting:		1,985,244.013		6,513,254.73	
Ellipse Height (m):	44.559					Combined Factor:		0.9999719	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	77.046	252.775	2007.0	RBF	11/2008	2 cm
NGVD29:		250.528	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 29/94**
 Name: **MAGNESIA FALLS DRIVE / ESTELLITA DRIVE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 29/94 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 At the westerly E.C.R. of the northwesterly curb return of Magnesia Falls Drive and Estellita Drive.

Notes: **GPS Usable:** Yes
 EL = 307.76' NGVD29, 1994 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	44	3.09947	Northing:		673,857.683		2,210,814.75	
Longitude:	116	24	50.31603	Easting:		1,984,804.362		6,511,812.31	
Ellipse Height (m):	62.167					Combined Factor:		0.9999687	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	94.611	310.403	2007.0	RBF	11/2008	2 cm
NGVD29:		308.156	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 30**
 Name: **INDIAN TRAIL ROAD / BISKRA ROAD**

Monument Description:

2-1/2" brass disk in concrete, flush

Stamping: RM 30 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

In the concrete base of a flag pole, in front of the administration office of Rancho Mirage Elementary School on the northerly side of Indian Trail Road and Biskra Road.

Notes: **GPS Usable:** No
 EL = 324.998' NGVD29, 1985 adjustment



Looking Northwest

NAD 83 Coordinates	Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008		
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	44	26.82956	Northing:	674,589.832	2,213,216.81
Longitude:	116	25	15.23879	Easting:	1,984,164.011	6,509,711.43
Ellipse Height (m):	67.402			Combined Factor:	0.9999687	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	99.839	327.556	2007.0	RBF	11/2008	2 cm
NGVD29:		325.304	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 31**
 Name: **HIGHWAY 111 / INDIAN TRAIL ROAD**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 31 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the top of a storm drain inlet southerly of the B.C.R., southeast corner of Highway 111 and Indian Trail Road.

Notes: **GPS Usable:** Yes
 EL = 244.893' NGVD29, 1985 adjustment



NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	44	41.66808	Northing:		675,046.269	2,214,714.30
Longitude:	116	24	57.56140	Easting:		1,984,619.747	6,511,206.62
Ellipse Height (m):	42.941					Combined Factor:	0.9999731

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	75.424	247.454	2007.0	RBF	11/2008	2 cm
NGVD29:		245.204	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 34**
 Name: **RANCHO MANANA LANE / JAMIE WAY**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 34 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 On the top of a storm drain inlet, at the south end of Rancho Manana Lane and the south side of Jamie Way.

Notes: **GPS Usable:** Yes
 EL = 200.718' NGVD29, 1985 adjustment



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	44	37.55705	Northing:	674,917.078	2,214,290.45
Longitude:	116	23	52.23912	Easting:	1,986,300.855	6,516,722.05
Ellipse Height (m):			28.834	Combined Factor:	0.9999751	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	61.405	201.460	2007.0	RBF	11/2008	2 cm
NGVD29:		199.221	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 35**
 Name: **SUNRISE DRIVE / BOB HOPE DRIVE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: City of Rancho Mirage Benchmark
 RM 35 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:
 At the northwest corner of storm drain catch basin, 10 feet north of northwest B.C.R. at Sunrise Drive and Bob Hope Drive.

Notes: **GPS Usable:** Yes
 The post of the old RM 35 in the southwest corner of same storm drain catch basin.



Looking South

NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	44	55.83141	Northing:		675,481.533	2,216,142.33
Longitude:	116	24	29.93194	Easting:		1,985,331.546	6,513,541.91
Ellipse Height (m):			34.429			Combined Factor:	0.9999749

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	66.968	219.712	2007.0	RBF	11/2008	2 cm
NGVD29:		217.463	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 37**
 Name: **LAKEVIEW DRIVE, SOUTH OF SUNNINGDALE DRIVE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 37 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the northeast corner of a concrete storm drain drop inlet on Lakeview Drive, 0.2 miles southerly of Sunningdale Drive, at a 6 foot wide concrete gutter crossing, 20 feet east of the centerline of Lakeview Drive.

Notes: **GPS Usable:** Yes
 EL = 33.98' NGVD29, 1985 adjustment



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	47	33.82903	Northing:	680,351.766	2,232,120.75
Longitude:	116	25	26.38974	Easting:	1,983,886.605	6,508,801.30
Ellipse Height (m):			69.923	Combined Factor:	0.9999751	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	102.523	336.359	2007.0	RBF	11/2008	2 cm
NGVD29:		334.030	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 38**
 Name: **LOS ALAMOS ROAD / TAMARISK LANE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 38 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 2 feet north of the E.C.R. of the northeast curb return at the intersection of Los Alamos Road and Tamarisk Lane.

Notes: **GPS Usable:** Yes
 EL = 272.820' NGVD29, 1985 adjustment



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	46	47.65406	Northing:	678,929.001	2,227,452.90
Longitude:	116	25	23.95878	Easting:	1,983,946.774	6,508,998.71
Ellipse Height (m):			51.314	Combined Factor:	0.9999763	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	83.887	275.218	2007.0	RBF	11/2008	2 cm
NGVD29:		272.903	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 39**
 Name: **PALM VIEW ROAD / TAMARISK LANE**

Monument Description:

2-1/2" brass disk in TC, flush

Stamping: RM 39 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

2 feet east of the B.C.R., northeast curb return at the intersection of Palm View Road and Tamarisk Lane.

Notes:

EL = 262.194' NGVD29, 1985 adjustment

GPS Usable: No



Looking northwest

NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	46	47.22459	Northing:	678,917.131	2,227,413.96
Longitude:	116	25	55.03452	Easting:	1,983,147.235	6,506,375.55
Ellipse Height (m):			48.091	Combined Factor:	0.9999768	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	80.628	264.528	2007.0	RBF	11/2008	2 cm
NGVD29:		262.211	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 41**
 Name: **SERVICE ROAD, S/O FRANK SINATRA, E/O DA VALL DRIVE**

Monument Description:

2-1/2" brass disk in concrete, flush

Stamping: RM 41 Benchmark

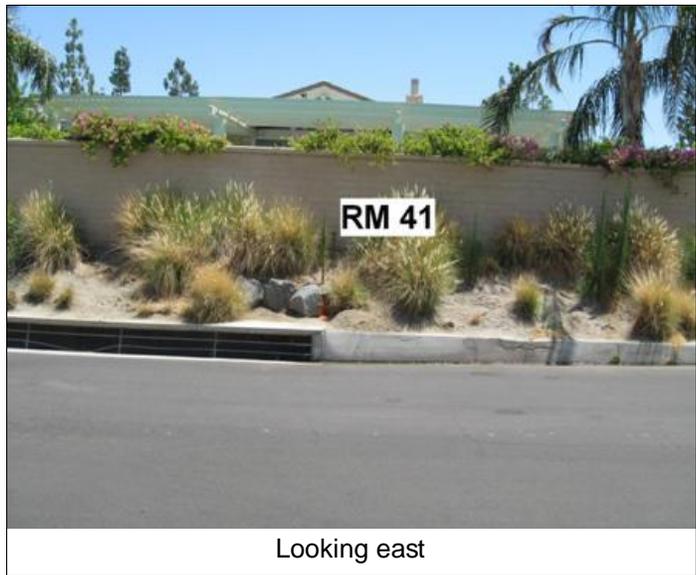
Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

In the back of the southerly end of a 34 feet storm drain inlet on the east side of a service road, 0.4 miles south of Frank Sinatra Drive, 0.5 miles east of Da Vall Drive.

Notes: **GPS Usable:** Yes
 EL = 249.028' NGVD29, 1985 adjustment



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	45	59.99663	Northing:	677,462.372	2,222,641.13
Longitude:	116	26	2.51564	Easting:	1,982,952.192	6,505,735.65
Ellipse Height (m):			44.147	Combined Factor:	0.9999757	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	76.629	251.408	2007.0	RBF	11/2008	2 cm
NGVD29:		249.111	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 42**
 Name: **MORNINGSIDE DRIVE / JOHNNAR BOULEVARD**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 42 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 2 feet south of the E.C.R., southwest curb return at Morningside Drive and Johnnar Boulevard

Notes: **GPS Usable:** Yes
 EL = 246.343' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	55.32284	Northing:		677,317.050		2,222,164.36	
Longitude:	116	25	32.74459	Easting:		1,983,718.015		6,508,248.19	
Ellipse Height (m):	43.164					Combined Factor:		0.9999756	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	75.681	248.297	2007.0	RBF	11/2008	2 cm
NGVD29:		246.000	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 43**
 Name: **STANFORD DRIVE / DARTMOUTH DRIVE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 43 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:
 North side of Stanford Drive, west of Dartmouth Drive.

Notes: **GPS Usable: Yes**



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	53.89294	Northing:		677,271.681		2,222,015.51	
Longitude:	116	25	1.67400	Easting:		1,984,517.462		6,510,871.04	
Ellipse Height (m):	40.074					Combined Factor:		0.9999761	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	72.628	238.282	2007.0	RBF	11/2008	2 cm
NGVD29:		235.994	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 44**
 Name: **MORNINGSIDE DRIVE / COUNTRY CLUB DRIVE**

Monument Description:

2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 44 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

31 feet north of northwest B.C.R. on Morningside Drive and Country Club Drive.

Notes:

GPS Usable: Yes



Looking south

NAD 83 Coordinates	Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008		
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	45	29.19600	Northing:	676,512.081	2,219,523.39
Longitude:	116	25	32.70034	Easting:	1,983,717.797	6,508,247.47
Ellipse Height (m):	40.322			Combined Factor:	0.9999751	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	72.810	238.877	2007.0	RBF	11/2008	2 cm
NGVD29:		236.588	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 45**
 Name: **BOB HOPE DRIVE / FRANK SINATRA DRIVE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 45 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the back of a 14 foot storm drain inlet, 90 feet east of the E.C.R. of the southeast curb return, at the intersection of Bob Hope Drive and Frank Sinatra Drive.

Notes: **GPS Usable:** Yes
 EL = 252.654' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	46	20.53182	Northing:		678,090.999		2,224,703.55	
Longitude:	116	24	26.03165	Easting:		1,985,435.864		6,513,884.16	
Ellipse Height (m):	45.113					Combined Factor:		0.9999763	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	77.729	255.017	2007.0	RBF	11/2008	2 cm
NGVD29:		252.737	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 46/94**
 Name: **HIGHWAY 111, NORTHWESTERLY OF PARK VIEW DRIVE**

Monument Description:
 2-1/2" brass disk in concrete, flush

Stamping: RM 46/94 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the top of wall, at the northwesterly end of bridge, northeasterly side of Highway 111, approximately 250 feet northwesterly of Park View Drive.

Notes: **GPS Usable:** Yes
 EL = 223.60' NGVD29, 1985 adjustment



NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	43	56.21470	Northing:		673,644.338	2,210,114.80
Longitude:	116	24	19.17121	Easting:		1,985,605.761	6,514,441.57
Ellipse Height (m):	36.471					Combined Factor:	0.9999725

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	68.955	226.231	2007.0	RBF	11/2008	2 cm
NGVD29:		223.985	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 47**
 Name: **DA VALL DRIVE / DINAH SHORE DRIVE**

Monument Description:

2-1/2" brass disk in TC, flush

Stamping: RM 47 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

At the nose of the median island in the centerline of Da Vall Drive, 30 feet southerly of Dinah Shore Drive.

Notes: **GPS Usable:** No
 EI = 345.28' NGVD29, 1985 adjustment



Looking north

NAD 83 Coordinates	Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008		
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	48	4.73845	Northing:	681,306.788	2,235,254.02
Longitude:	116	26	26.27510	Easting:	1,982,347.843	6,503,752.88
Ellipse Height (m):	73.417			Combined Factor:	0.9999758	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	105.974	347.682	2007.0	RBF	11/2008	2 cm
NGVD29:		345.351	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 48**
 Name: **DINAH SHORE DRIVE / LOS ALAMOS ROAD**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 48 10-2008

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 3.5 feet east from the prologation of the centerline of Los Alamos Road along the south curb face of Dinah Shore Drive

Notes: **GPS Usable: Yes**



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	48	5.52044	Northing:		681,328.081		2,235,323.88	
Longitude:	116	25	23.90065	Easting:		1,983,952.258		6,509,016.70	
Ellipse Height (m):	66.995					Combined Factor:		0.9999768	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	99.611	326.805	2007.0	RBF	11/2008	2 cm
NGVD29:		324.475	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 49**
 Name: **DINAH SHORE DR. / GEORGE MONTGOMERY / MIRIAM WAY**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 49 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 At the southeast E.C.R. at George Montgomery Way/Miriam Way and Dinah Shore Drive.

Notes: **GPS Usable:** No
 EL = 253.81' NGVD29, 1985 adjustment



NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 10 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	48	6.07143	Northing:		681,340.718	2,235,365.34
Longitude:	116	23	32.45990	Easting:		1,986,818.717	6,518,421.07
Ellipse Height (m):	45.373					Combined Factor:	0.9999803

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	78.074	256.148	2007.0	RBF	11/2008	2 cm
NGVD29:		253.817	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 50**
 Name: **MONTEREY AVENUE / MARKET PLACE WAY**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage RM 50
 Reset 9-28-06 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 At the southerly E.C.R., southwesterly curb return of Monterey Avenue and Market Place Way.

Notes: **GPS Usable: Yes**



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	47	56.48365	Northing:	681,044.814	2,234,394.53
Longitude:	116	23	17.98482	Easting:	1,987,190.647	6,519,641.31
Ellipse Height (m):			43.277	Combined Factor:	0.9999802	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	75.988	249.305	2007.0	RBF	11/2008	2 cm
NGVD29:		246.975	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 51**
 Name: **VISTA DUNES ROAD / ASCONA TERRACE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 51 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 At the southerly E.C.R., southwesterly curb return of Vista Dunes Road and Ascona Terrace.

Notes: **GPS Usable:** No
 EL = 250.25' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 10 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	45	55.84722		Northing:	677,328.593	2,222,202.23		
Longitude:	116	23	35.53137		Easting:	1,986,734.203	6,518,143.80		
Ellipse Height (m):	44.315				Combined Factor:	0.9999755			

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	76.969	252.523	2007.0	RBF	11/2008	2 cm
NGVD29:		250.262	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 52**
 Name: **RANCHO ROAD / BARBARA DRIVE**

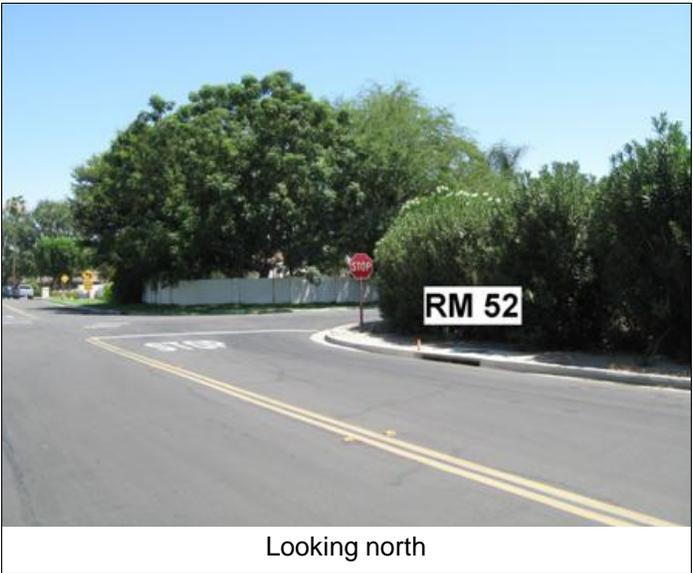
Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: RM 52 Benchmark

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 10 feet southerly of the southerly B.C.R.,
 southeasterly curb return of Rancho Road and
 Barbara Drive.

Notes: **GPS Usable:** Yes
 EL = 198.67' NGVD29, 1985 adjustment



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	44	1.52006	Northing:		673,807.224		2,210,649.20	
Longitude:	116	24	4.09176	Easting:		1,985,994.174		6,515,715.89	
Ellipse Height (m):	28.165					Combined Factor:		0.9999740	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	60.678	199.075	2007.0	RBF	11/2008	2 cm
NGVD29:		196.829	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 54**
 Name: **DA VALL DRIVE / 35TH AVENUE**

Monument Description:

2-1/2" brass disk in TC, flush

Stamping: RM 54 Benchmark

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

At the northerly B.C.R., northwesterly curb return of Da Vall Drive and 35th Avenue (Dean Martin Drive).

Notes:

GPS Usable: Yes



Looking south

NAD 83 Coordinates				Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude:	33	47	49.08877	Northing:	680,824.643	2,233,672.18	
Longitude:	116	26	26.84612	Easting:	1,982,332.273	6,503,701.80	
Ellipse Height (m):	72.538			Combined Factor:	0.9999753		

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	105.085	344.767	2007.0	RBF	11/2008	2 cm
NGVD29:		342.442	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 57**
 Name: **BOB HOPE DRIVE / DINAH SHORE DRIVE**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: SCI 71 RM 57 RESET 2007

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 In the easterly curb, 300 feet south of Dinah Shore Drive on Bob Hope Drive

Notes: **GPS Usable:** Yes
 EL = 345.783' NGVD29, 2007 adjustment



Looking South

NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	48	1.52996		Northing:	681,202.575	2,234,912.12		
Longitude:	116	24	20.88924		Easting:	1,985,572.829	6,514,333.52		
Ellipse Height (m):	73.446				Combined Factor:	0.9999757			

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	106.111	348.133	2007.0	RBF	11/2008	2 cm
NGVD29:		345.803	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 59**
 Name: **BOB HOPE DRIVE / RAMON ROAD**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 59 10-2008

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:
 40 feet south of B.C.R. at the southeast corner at the intersection of Bob Hope Drive and Ramon Road, in front of a fire hydrant.

Notes: **GPS Usable:** Yes



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	48	57.44840	Northing:		682,926.075		2,240,566.63	
Longitude:	116	24	37.04512	Easting:		1,985,159.917		6,512,978.83	
Ellipse Height (m):	42.667					Combined Factor:		0.9999827	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	75.326	247.132	2007.0	RBF	11/2008	2 cm
NGVD29:		244.800	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **PD 21**
 Name: **HIGHWAY 111, NORTHEAST OF FRANK SINATRA DRIVE**

Monument Description:

2-1/2" brass disk in concrete, flush

Stamping: Country of Riverside Dec 19 BM
 DP 2x1

Center Mark: Punch

Recovery By: RBF Date: November 2008

Location:

In storm drain wing wall, 24 feet south of Highway 111, 360 feet northeasterly of Frank Sinatra Drive.

Notes:

GPS Usable: Yes

EL = 278.742' NGVD29, 1985 adjustment
 EL = 278.673' NGVD29, 1963 adjustment



Looking southeast

NAD 83 Coordinates	Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008		
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	46	24.22661	Northing:	678,211.283	2,225,098.18
Longitude:	116	26	53.08756	Easting:	1,981,652.298	6,501,470.92
Ellipse Height (m):	53.285			Combined Factor:	0.9999751	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	85.726	281.253	2007.0	RBF	11/2008	2 cm
NGVD29:		278.948	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **CC 115**
 Name: **DA VALL DRIVE / RAMON ROAD**

Monument Description:
 2-1/2" brass disk in concrete

Stamping: C.O.C.C. BM #115 1996

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 Northeast corner of Da Vall Drive and Ramon Road, 20 feet off edge of pavement.

Notes: **GPS Usable: Yes**



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	48	58.11607	Northing:		682,951.353		2,240,649.57	
Longitude:	116	26	25.83680	Easting:		1,982,362.122		6,503,799.73	
Ellipse Height (m):	73.554					Combined Factor:		0.9999779	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	106.132	348.200	2007.0	RBF	11/2008	2 cm
NGVD29:		345.860	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **PD 18-5**
 Name: **BOB HOPE DRIVE / DINAH SHORE DRIVE**

Monument Description:
 1-1/2" copperweld in asphalt, flush

Stamping: RCE 30846

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 Centerline intersection of Bob Hope Drive and Dinah Shore Drive.

Notes: **GPS Usable:** Yes
 This monument is a different character from previous adjustment.



NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 10 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	48	6.22760	Northing:		681,347.330		2,235,387.03	
Longitude:	116	24	21.39295	Easting:		1,985,560.089		6,514,291.73	
Ellipse Height (m):	73.305					Combined Factor:		0.9999759	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	105.971	347.672	2007.0	RBF	11/2008	2 cm
NGVD29:		345.342	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **PD 20-5**
 Name: **RAMON ROAD / LOS ALAMOS ROAD**

Monument Description:
 1-1/2" copperweld in asphalt, flush

Stamping: RCE 23256 14/13/23/24

Center Mark: Stamped cross
 Recovery By: RBF Date: November 2008

Location:
 Centerline intersection of Ramon Road and Los Alamos Road.

Notes: **GPS Usable:** Yes
 This monument is a different character from previous adjustment.



Looking north

NAD 83 Coordinates		Epoch: 2007.0		Accuracy: 2 cm		Survey by: RBF		Adj.: 11/2008	
Ellipsoidal Coordinates, WGS 84				Horizontal Coordinates		CCS 83, Zone 6 Coordinates			
	Deg.	Min.	Seconds			Meters		US Survey Feet	
Latitude:	33	48	58.35268	Northing:		682,955.857		2,240,664.34	
Longitude:	116	25	23.73177	Easting:		1,983,959.306		6,509,039.82	
Ellipse Height (m):	60.895					Combined Factor:		0.9999799	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	93.521	306.828	2007.0	RBF	11/2008	2 cm
NGVD29:		304.495	2007.0	RBF	11/2008	2 cm

CONTROL SURVEY MONUMENT RECOVERY

CITY OF RANCHO MIRAGE

Date Printed: 1/29/2009

Number: **RM 13** REMOVED 4/2010, RESET BY CAL-SURV, INC.
 Name: **MONTEREY DRIVE / JPL CHURCH**

Monument Description:
 2-1/2" brass disk in TC, flush

Stamping: City of Rancho Mirage Benchmark
 RM 13 10-2008

Center Mark: Punch
 Recovery By: RBF Date: November 2008

Location:
 West curb of Monterey Drive, 110 feet north of
 B.C.R. for JPL Church.

Notes: **GPS Usable:** Yes



NAD 83 Coordinates			Epoch: 2007.0	Accuracy: 2 cm	Survey by: RBF	Adj.: 11/2008
Ellipsoidal Coordinates, WGS 84			Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude:	33	45	53.87466	Northing:	677,267.554	2,222,001.97
Longitude:	116	23	27.99187	Easting:	1,986,928.129	6,518,780.04
Ellipse Height (m):			45.011	Combined Factor:		0.9999753

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	77.672	254.830	2007.0	RBF	11/2008	2 cm
NGVD29:		252.568	2007.0	RBF	11/2008	2 cm