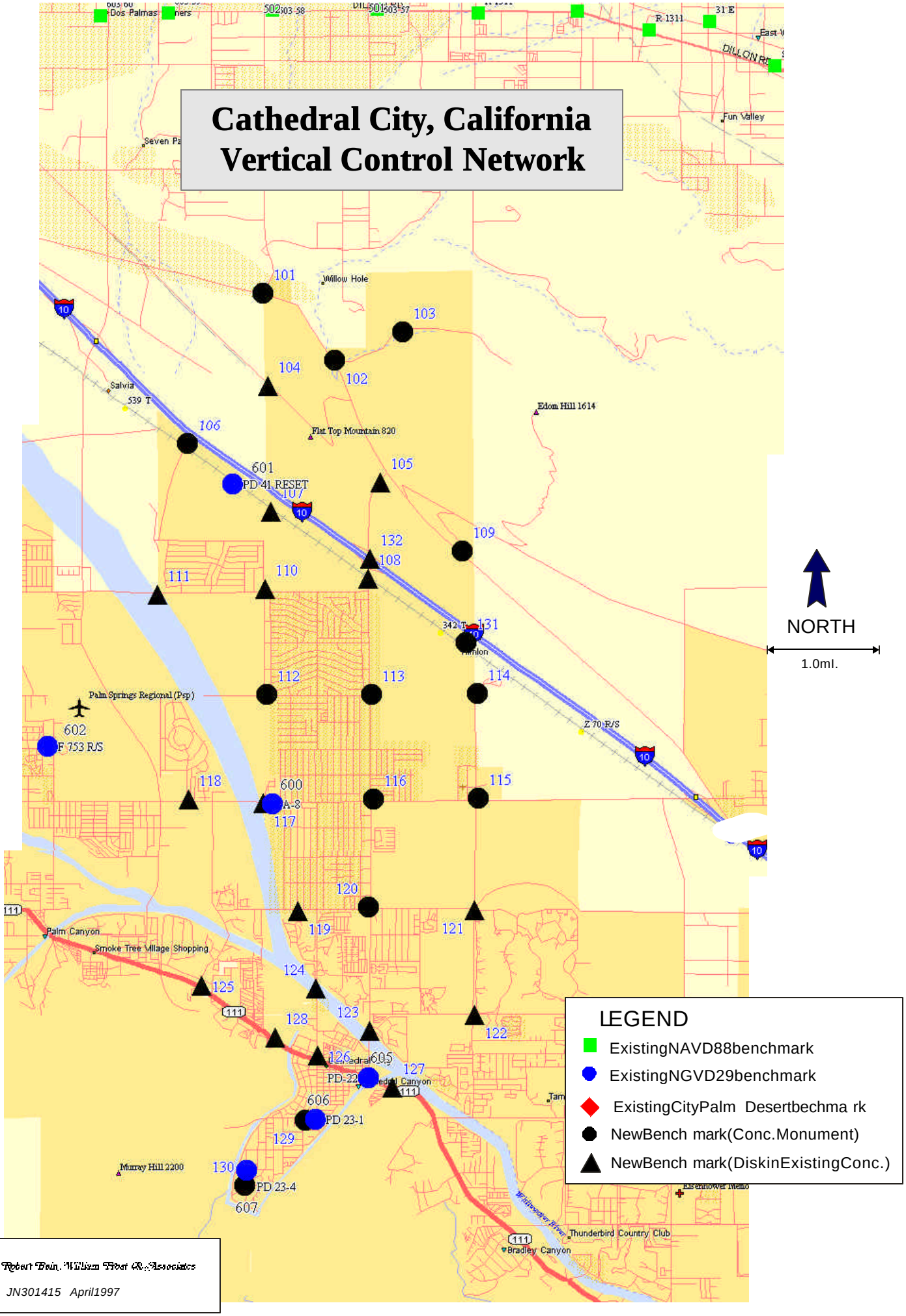
Cathedral City, California
Vertical Control Network



Robert Bein, William Frost & Associates

JN301415 April1997

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **101**

Name: MT VIEW / VARNER

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 101 1996

Center Mark: Punch mark

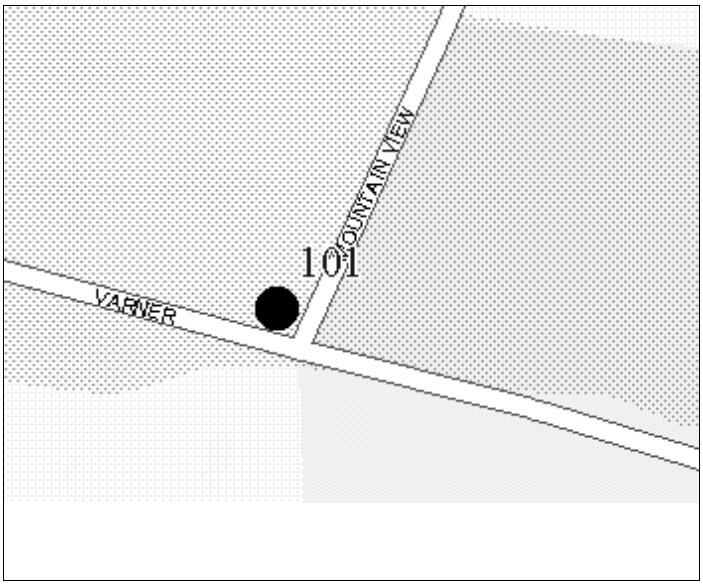
Recovery By: RBF Date: Nov 1996

Location:

At the northerly corner of the intersection of Mt. View Rd and Varner Rd

Approximately 20 ft from edges of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	53	10.00000		Northing:		
Longitude	116	28	34.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	206.167	676.400	1991.5	RBF	March 1997	Second, I
NGVD29:		674.110		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **102**

Name: EDOM HILL / VARNER

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 102 1996

Center Mark: Punch mark

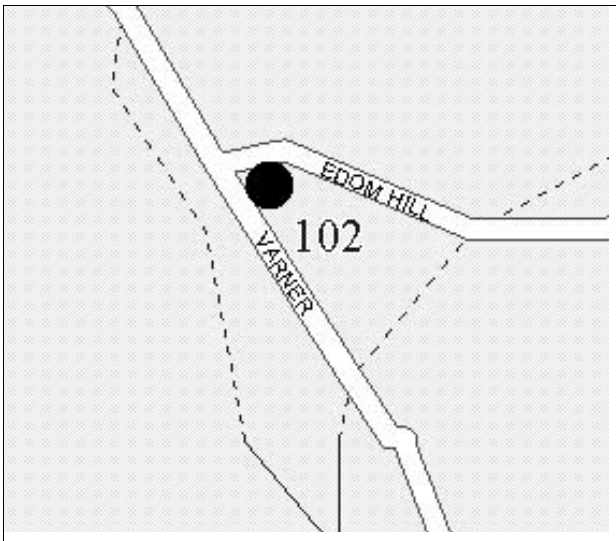
Recovery By: RBF Date: Nov 1996

Location:

At the easterly corner of the intersection of Edom Hill Rd and Varner Rd

Approximately 20 ft from edges of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	52	37.00000		Northing:		
Longitude	116	27	51.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	178.882	586.880	1991.5	RBF	March 1997	Second, I
NGVD29:		584.580		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **103**

Name: EDOM HILL @ LANDFILL

Monument Description: GPS Useable:

Set Cathedral City bronze disk in concrete monument

Stamping: 103 1996

Center Mark: Punch mark

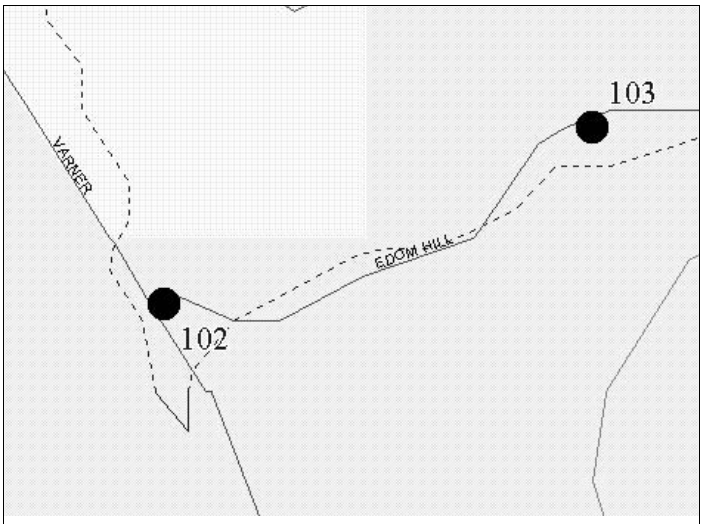
Recovery By: RBF Date: Nov 1996

Location:

On the southeasterly side of Edom Hill Rd 0.5 mi northeasterly of Varner Rd

Approximately 20 ft from edge of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	52	51.00000		Northing:		
Longitude	116	27	51.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	266.142	873.170	1991.5	RBF	March 1997	Second, I
NGVD29:		870.870		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **104**
Name: FLAT TOP MT

Monument Description: GPS Useable: Poor

Set Cathedral City bronze disk in concrete footing

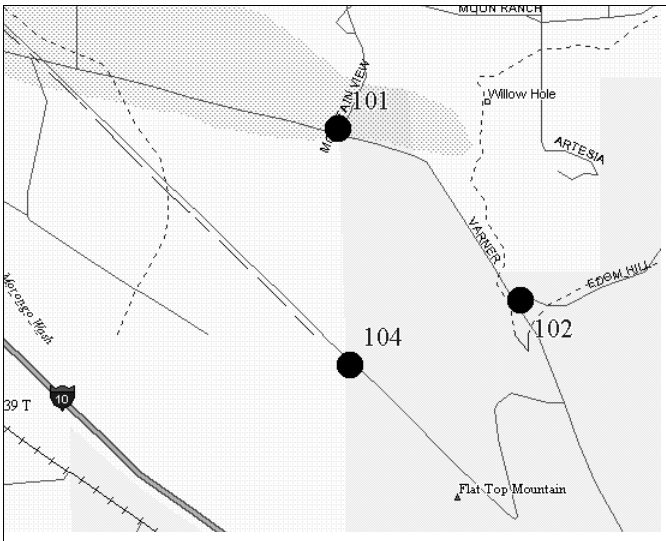
Stamping: 104 1996
Center Mark: Punch mark
Recovery By: RBF Date: Nov 1996

Location:

In the southeasterly corner of a dirt road and slurrysealed access road, 150 ft southeasterly of a transmission tower near the corner of sections 29, 28, 33, 32 T.3S. R.5E.
Approximately 10 ft south of slurry sealed access raod

Notes:

Transmission lines overhead



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80	Deg.	Min.	Seconds	Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
					Meters	US Survey Feet
Latitude	33	52	24.00000	Northing:		
Longitude	116	28	31.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	194.075	636.730	1991.5	RBF	March 1997	Second, I
NGVD29:		634.430		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **105**

Name: DATE PALM @ VARNER

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete headwall

Stamping: 105 1996

Center Mark: Punch mark

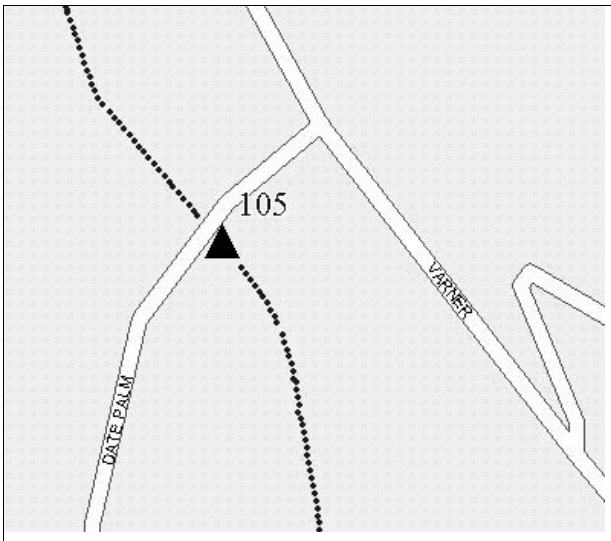
Recovery By: RBF Date: Nov 1996

Location:

On the easterly side of Date Palm Dr approximately 150 ft southerly of Varner Rd

Center of concrete headwall approximately 25 ft easterly and 5 ft below the roadway

Notes:



NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	51	36.00000		Northing:		
Longitude	116	27	24.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	144.353	473.600	1991.5	RBF	March 1997	Second, I
NGVD29:		471.280		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **106**

Name: **SPRR MP 592.1**

Monument Description: GPS Useable: No

Set Cathedral City bronze disk in concrete monument

Stamping: 106 1996

Center Mark: Punch mark

Recovery By: RBF Date: Nov 1996

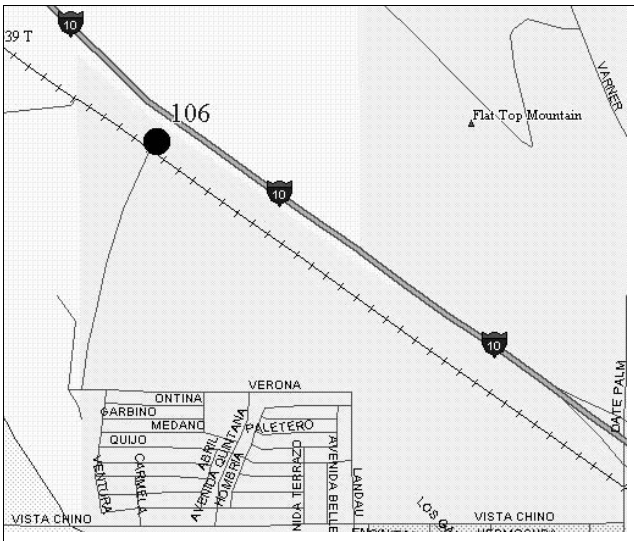
Location:

On the north side of the Southern Pacific Rail Road 2.5 mi. northwesterly of Date Palm Dr

At northerly prolongation of dirt trail leading to railroad 1.3 mi. northerly of Vista Chino

Notes:

Trees to northest and southwest



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	51	55.00000	Northing:		
Longitude	116	29	19.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	154.805	507.890	1991.5	RBF	March 1997	Second, I
NGVD29:		505.580		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **107**
Name: SPRR MP 593.4

Monument Description: GPS Useable: No

Set Cathedral City bronze disk in concrete footing

Stamping: 107 1996
Center Mark: Punch mark
Recovery By: RBF Date: Nov 1996

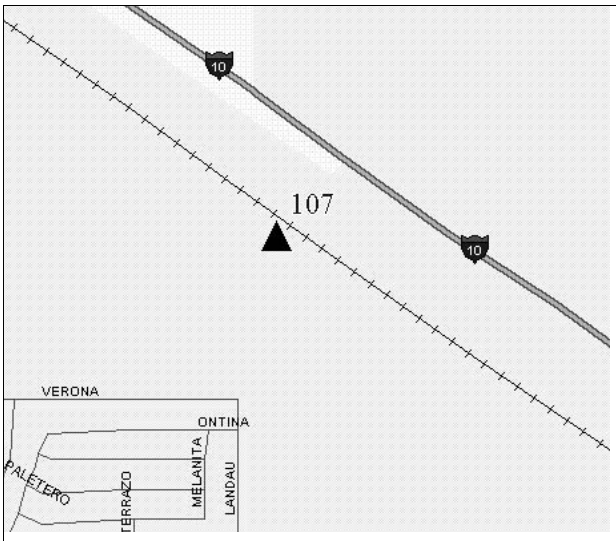
Location:

On the south side of the Southern Pacific Rail Road 1.2 mi. northwesterly of Date Palm Dr

On the northwest side of signal building

Notes:

Trees to northest and southwest



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80	Deg.	Min.	Seconds
Latitude	33	51	21.00000
Longitude	116	28	29.00000
Ellipse Height (m):			

Horizontal Coordinates

CCS 83, Zone 6 Coordinates	Meters	US Survey Feet
Northing:		
Easting:		
Grid Scale:		
Height Scale:		
Combined Factor:		

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	131.264	430.650	1991.5	RBF	March 1997	Second, I
NGVD29:		428.330		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **108**

Name: DATE PALM @ SPRR

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete bridge abutment

Stamping: 108 1996

Center Mark: Punch mark

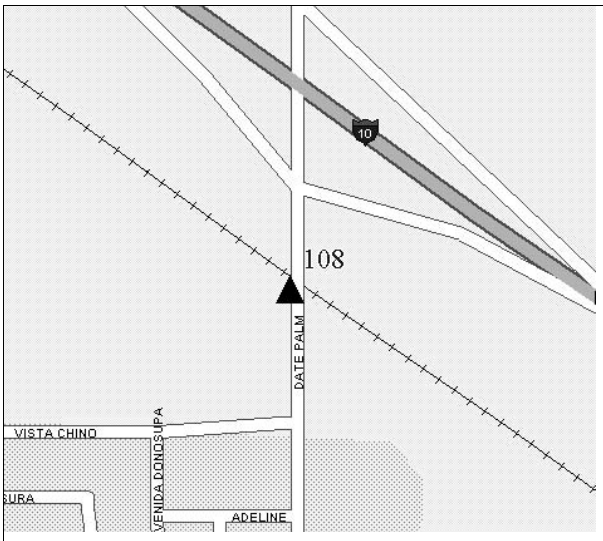
Recovery By: RBF Date: Nov 1996

Location:

At the southwesterly corner of bridge over Southern Pacific Rail Road on Date Palm Dr

In walkway over bridge abutment approximately 500 ft north of Vista Chino Rd

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	50	48.00000		Northing:		
Longitude	116	27	31.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	127.146	417.140	1991.5	RBF	March 1997	Second, I
NGVD29:		414.820		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **109**

Name: VARNER / FAA RADAR

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 109 1996

Center Mark: Punch mark

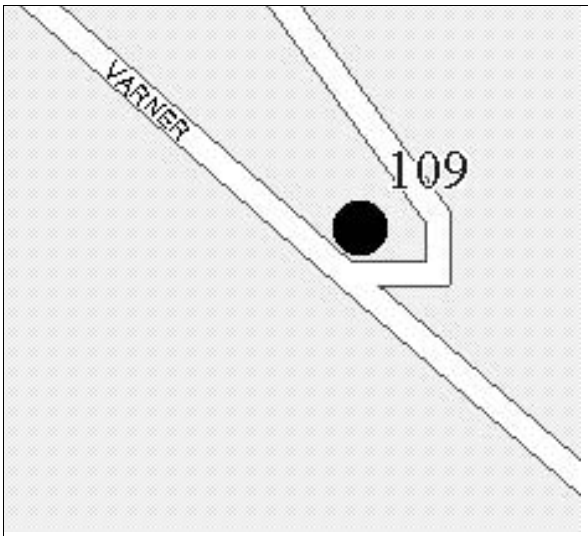
Recovery By: RBF Date: Nov 1996

Location:

At the northwesterly corner of Varner Rd and FAA Radar Rd

Approximately 20 ft from edges of pavement and 1.1 mi southeasterly of Varner Rd

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	51	2.00000		Northing:		
Longitude	116	26	35.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	138.074	453.000	1991.5	RBF	March 1997	Second, I
NGVD29:		450.680		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **110**

Name: LANDAU / VISTA CHINO

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete slab

Stamping: 110 1996

Center Mark: Punch mark

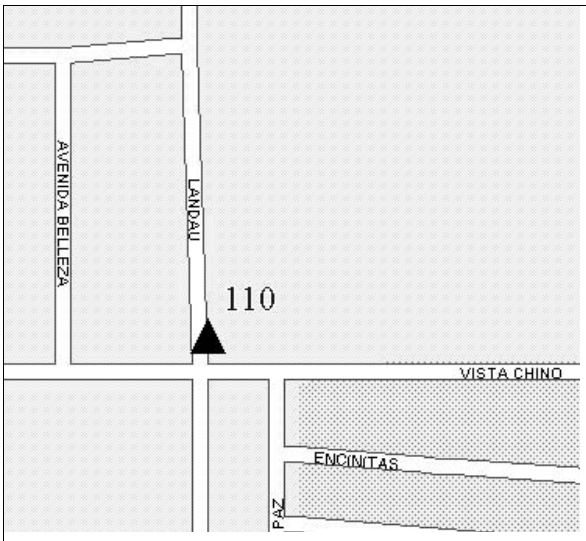
Recovery By: RBF Date: Nov 1996

Location:

At the northeast corner of Landau Blvd and Vista Chino

Approximately 40 ft northerly from Vista chino

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	50	43.00000		Northing:		
Longitude	116	28	33.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	128.003	419.960	1991.5	RBF	March 1997	Second, I
NGVD29:		417.630		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **111**

Name: WHITEWATER / VISTA CHINO

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete bridge wingwall

Stamping: 111 1996

Center Mark: Punch mark

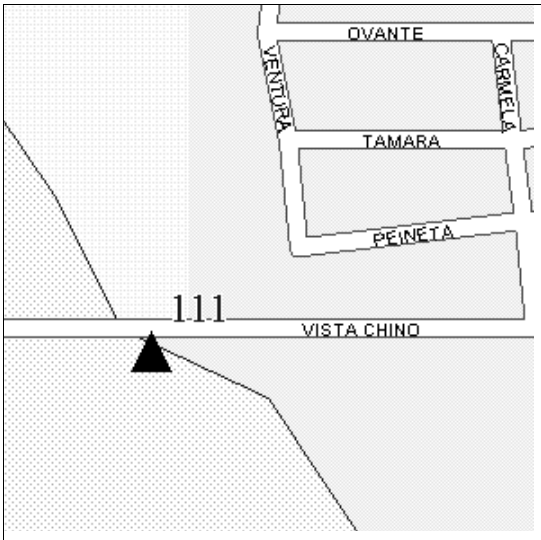
Recovery By: RBF Date: Nov 1996

Location:

Approximately 40 ft southeasterly of the southeasterly corner of bridge over the Whitewater River on Vista Chino

In the top of the concrete slope paving on easterly side of river southerly of Vista Chino

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	50	40.00000		Northing:		
Longitude	116	29	37.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	136.641	448.300	1991.5	RBF	March 1997	Second, I
NGVD29:		445.980		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **112**

Name: **LANDAU / 30TH**

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 112 1996

Center Mark: Punch mark

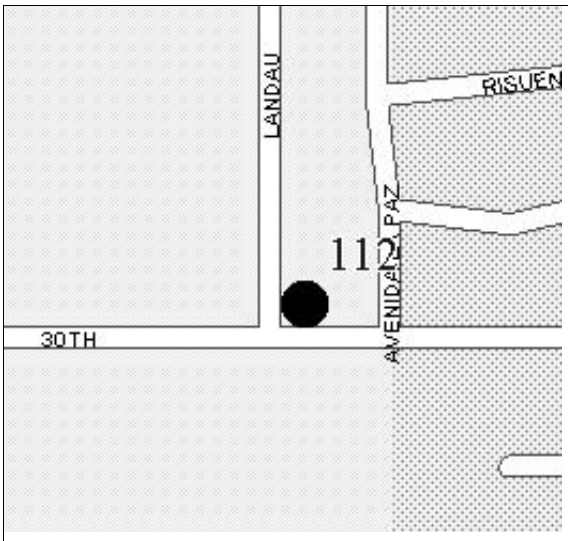
Recovery By: RBF Date: Nov 1996

Location:

At the northeasterly corner of Landau Blvd and 30th Ave

Approximately 20 ft from edges of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	49	51.00000		Northing:		
Longitude	116	28	31.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	119.629	392.480	1991.5	RBF	March 1997	Second, I
NGVD29:		390.150		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **113**

Name: DATE PALM / 30TH

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 113 1996

Center Mark: Punch mark

Recovery By: RBF Date: Nov 1996

Location:

At the northeasterly corner of Date Palm Dr and 30th Ave

Approximately 20 ft from edges of pavement

Notes:

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	49	50.00000		Northing:		
Longitude	116	27	29.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	114.247	374.820	1991.5	RBF	March 1997	Second, I
NGVD29:		372.490		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **114**

Name: DAVALL / 30TH

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 114 1996

Center Mark: Punch mark

Recovery By: RBF Date: Nov 1996

Location:

At the northeasterly corner of Davall Rd and 30th Ave

Notes:

Looking Easterly

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	49	51.00000		Northing:		
Longitude	116	26	26.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	99.518	326.500	1991.5	RBF	March 1997	Second, I
NGVD29:		324.160		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **115**

Name: DAVALL / RAMON

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 115 1996

Center Mark: Punch mark

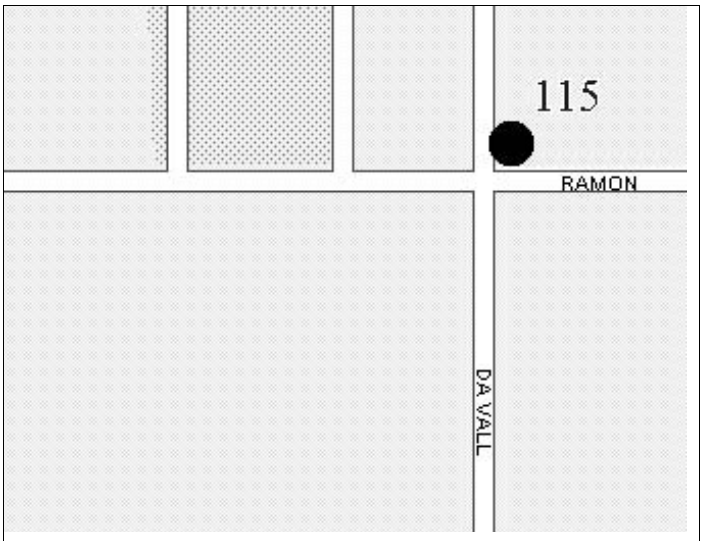
Recovery By: RBF Date: Nov 1996

Location:

At the northeasterly corner of Davall Rd and Ramon Rd

Approximately 20 ft from edges of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	48	59.00000		Northing:		
Longitude	116	26	26.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	106.133	348.200	1991.5	RBF	March 1997	Second, I
NGVD29:		345.860		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **116**

Name: DATE PALM / RAMON

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 116 1996

Center Mark: Punch mark

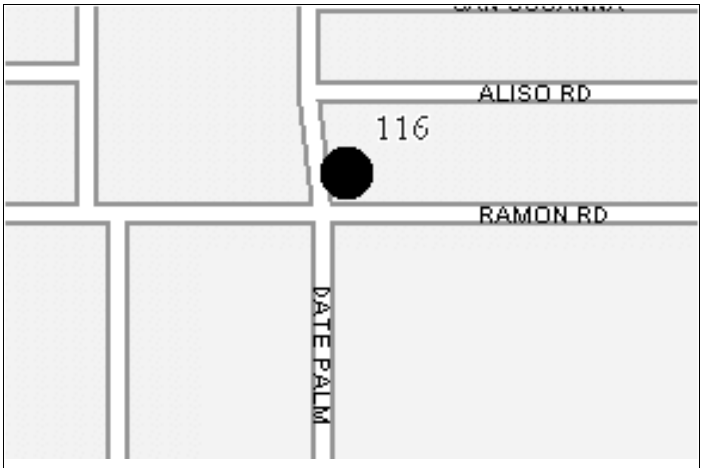
Recovery By: RBF Date: Nov 1996

Location:

At the northeasterly corner of Date Palm Dr and Ramon Rd

Approximately 20 ft from edges of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	48	58.00000		Northing:		
Longitude	116	27	28.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	110.714	363.230	1991.5	RBF	March 1997	Second, I
NGVD29:		360.890		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **117**

Name: RAMON /WHITEWATER

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete bridge abutment

Stamping: 117 1996

Center Mark: Punch mark

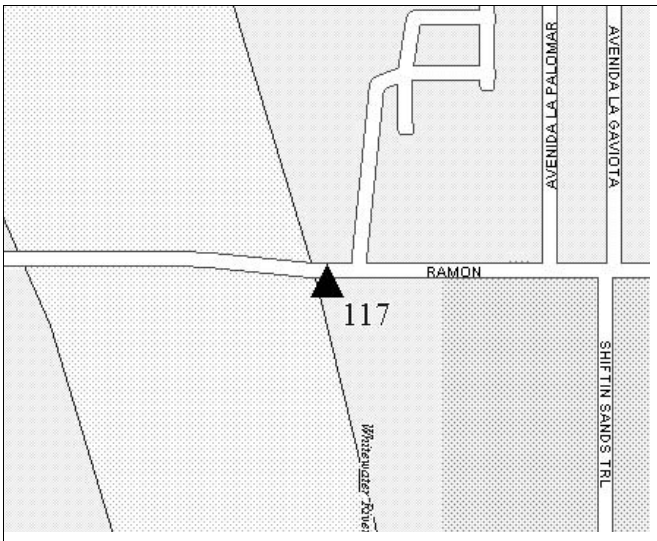
Recovery By: RBF Date: Nov 1996

Location:

At the southeasterly corner of bridge over Whitewater River on Ramon Rd

In walkway over bridge abutment approximately 500 ft west of Landau Blvd

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	48	57.00000		Northing:		
Longitude	116	28	34.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	113.888	373.650	1991.5	RBF	March 1997	Second, I
NGVD29:		371.300		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **118**

Name: SAN LUIS REY / RAMON

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete inlet box

Stamping: 118 1996

Center Mark: Punch mark

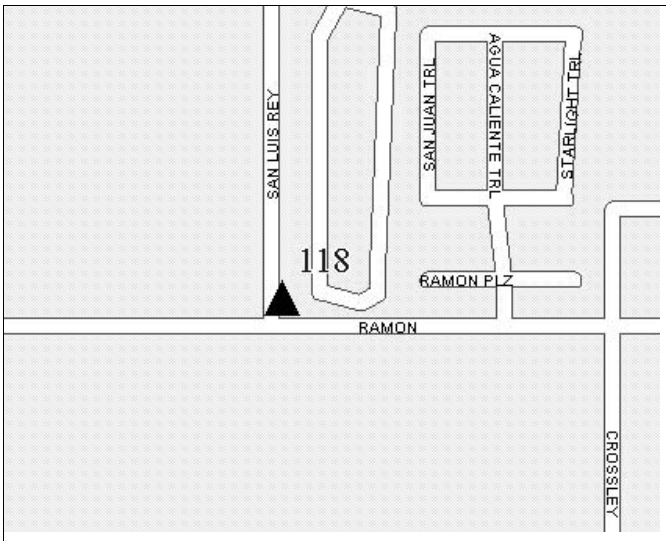
Recovery By: RBF Date: Nov 1996

Location:

At the northeasterly corner of San Luis Rey Dr and Ramon Rd

In the north end of inlet box 50 ft north of Ramon Rd

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	48	58.00000		Northing:		
Longitude	116	29	19.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	113.978	373.940	1991.5	RBF	March 1997	Second, I
NGVD29:		371.580		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **119**

Name: DINAH SHORE / SKYBLUE

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete inlet box

Stamping: 119 1996

Center Mark: Punch mark

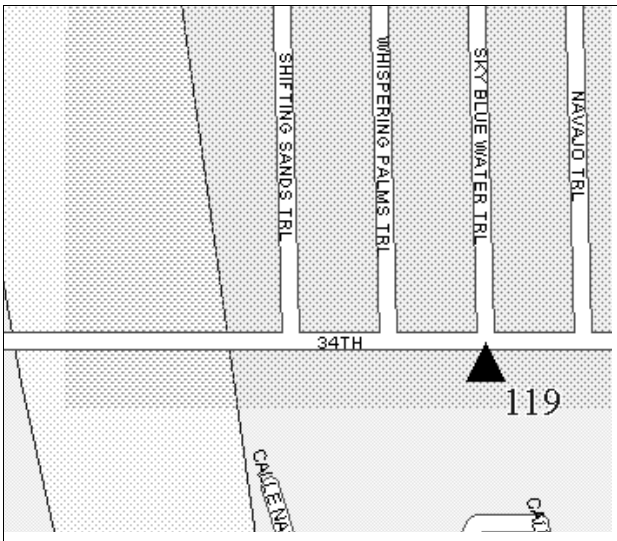
Recovery By: RBF Date: Nov 1996

Location:

On the south side of Dinah Shore Dr at the intersection with Sky Blue Water Tr

In the east end of inlet box

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	48	4.00000	Northing:		
Longitude	116	28	12.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	99.961	327.960	1991.5	RBF	March 1997	Second, I
NGVD29:		325.580		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **120** **RESET**

Name: DATE PALM / DINAH SHORE

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete signal box footing

Stamping: 120 R 1996

Center Mark: Punch mark

Recovery By: JHA Date: Sept 2000

Location:

At the northwest corner of Date Palm Dr and Dinah Shore Dr

West side of traffic signal control box in island

Notes:

Looking Northerly

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	48	6.00000		Northing:		
Longitude	116	27	30.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	101.243	332.780	1991.5	JHA	Sept 2000	Second, I
NGVD29:		330.410		JHA	Sept 2000	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **121**

Name: DAVALL / DINAH SHORE

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete inlet box

Stamping: 121 1996

Center Mark: Punch mark

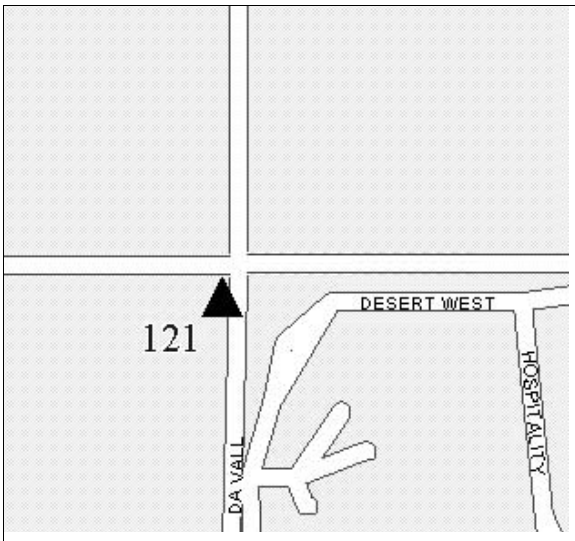
Recovery By: RBF Date: Nov 1996

Location:

At the southwest corner of Davall Dr and Dinah Shore Dr

In the north end of inlet box 15 ft south of the PCR

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	48	5.00000		Northing:		
Longitude	116	26	27.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	105.681	346.720	1991.5	RBF	March 1997	Second, I
NGVD29:		344.370		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **122**

Name: DAVALL / GERALD FORD

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete inlet box

Stamping: 122 1996

Center Mark: Punch mark

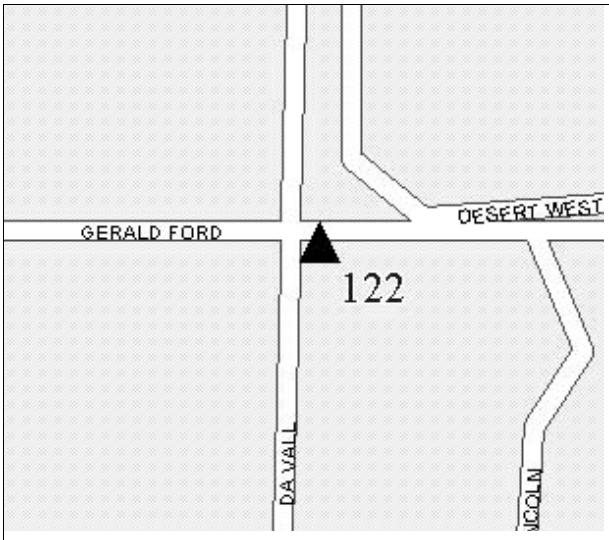
Recovery By: RBF Date: Nov 1996

Location:

At the southeast corner of Davall Dr and Gerald Ford Dr

In the east end of inlet box 15 ft east of PCR

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	47	13.00000		Northing:		
Longitude	116	26	27.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	84.730	277.990	1991.5	RBF	March 1997	Second, I
NGVD29:		275.620		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **123**

Name: DATE PALM / WHITEWATER

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete bridge abutment

Stamping: 123 1996

Center Mark: Punch mark

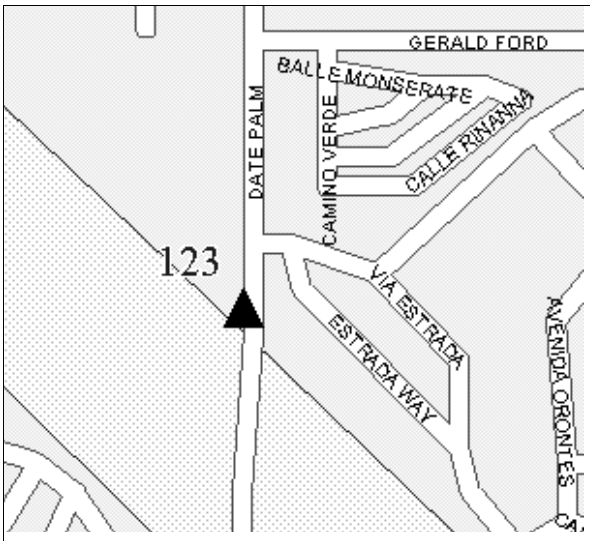
Recovery By: RBF Date: Nov 1996

Location:

At the westerly corner of bridge over the Whitewater River on the west side of Date Palm Dr

In walkway over bridge abutment

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	47	5.00000		Northing:		
Longitude	116	27	30.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	92.336	302.940	1991.5	RBF	March 1997	Second, I
NGVD29:		300.550		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **124**

Name: WHITEWATER / CATHEDRAL

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete inlet box

Stamping: 124 1996

Center Mark: Punch mark

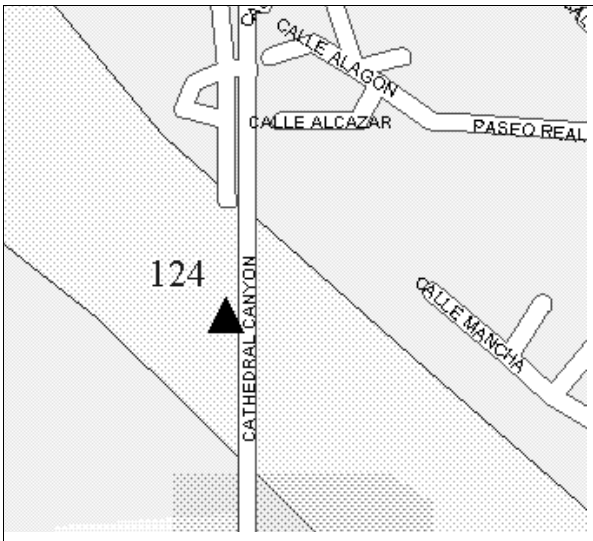
Recovery By: RBF Date: Nov 1996

Location:

On the west side of Cathedral Canyon Dr near the center of the Whitewater River

In the north end of inlet box

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	47	26.00000		Northing:		
Longitude	116	28	2.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	91.392	299.840	1991.5	RBF	March 1997	Second, I
NGVD29:		297.440		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **125**

Name: HWY 111 @ GOLF CLUB

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete inlet box

Stamping: 125 1996

Center Mark: Punch mark

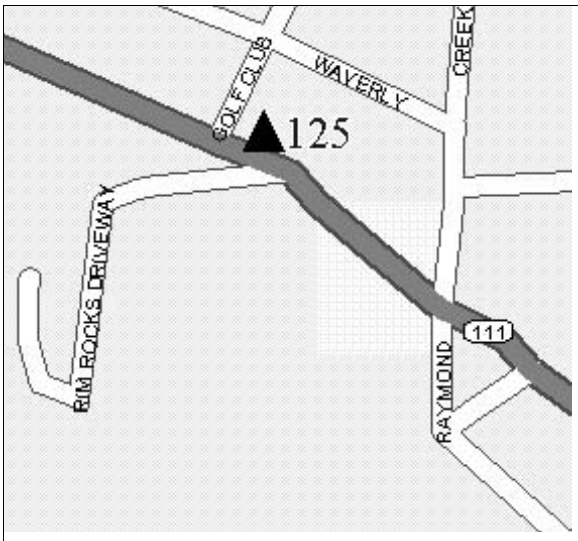
Recovery By: RBF Date: Nov 1996

Location:

On the north side of Highway 111 approximately 100 ft easterly of Golf Club Dr

In the east end of inlet box

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	47	28.00000		Northing:		
Longitude	116	29	10.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	99.791	327.400	1991.5	RBF	March 1997	Second, I
NGVD29:		325.010		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **126** **RESET**

Name: CATHEDRAL CANYON /CIVIC CENTER NORTH

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete headwall

Stamping: 126R 1996

Center Mark: Punch mark

Recovery By: RBF Date: Oct 1998

Location:

On the top of a concrete headwall on the east side of Cathedral Canyon Dr. on the south side of flood control channel

0.1 mmi. North of Commercial Rd

Notes:

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	46	53.00000		Northing:		
Longitude	116	28	0.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	91.728	300.950	1991.5	RBF	October 1998	Second, I
NGVD29:		298.526		RBF	October 1998	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **127**

Name: HWY 111 @ SUNGATE

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete collar around sewer manhole

Stamping: 127 1996

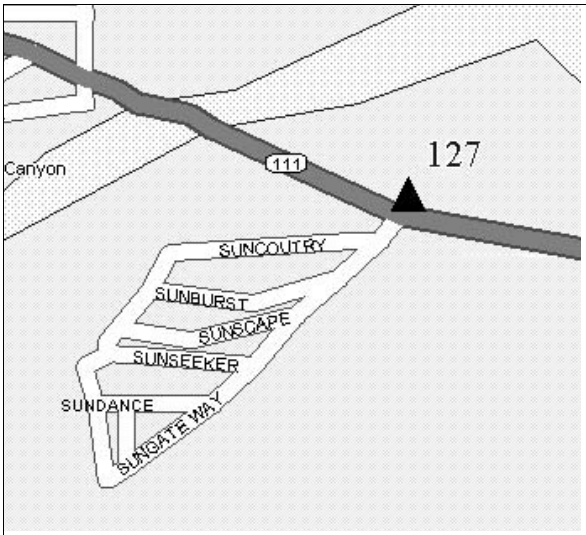
Center Mark: Punch mark

Recovery By: RBF Date: Nov 1996

Location:

On the northeast side of Highway 111 at the intersection with Sungate Wy

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	46	37.00000		Northing:		
Longitude	116	27	16.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	87.472	286.980	1991.5	RBF	March 1997	Second, I
NGVD29:		284.590		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **128**

Name: HWY 111 / AUTO PARK

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete inlet box

Stamping: 128 1996

Center Mark: Punch mark

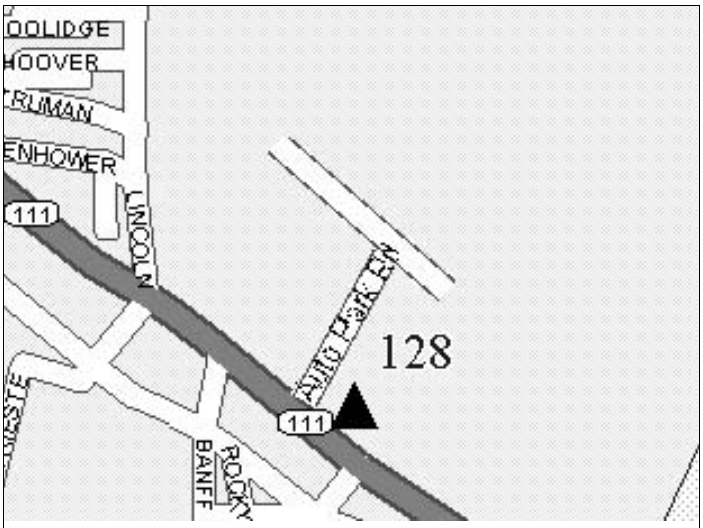
Recovery By: RBF Date: Nov 1996

Location:

On the northeast side of Highway 111 southeast of Auto Park Dr

In the east end of inlet box

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	47	2.00000		Northing:		
Longitude	116	28	26.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	93.241	305.910	1991.5	RBF	March 1997	Second, I
NGVD29:		303.500		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **129**

Name: DORN / TERRACE

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 129 1996

Center Mark: Punch mark

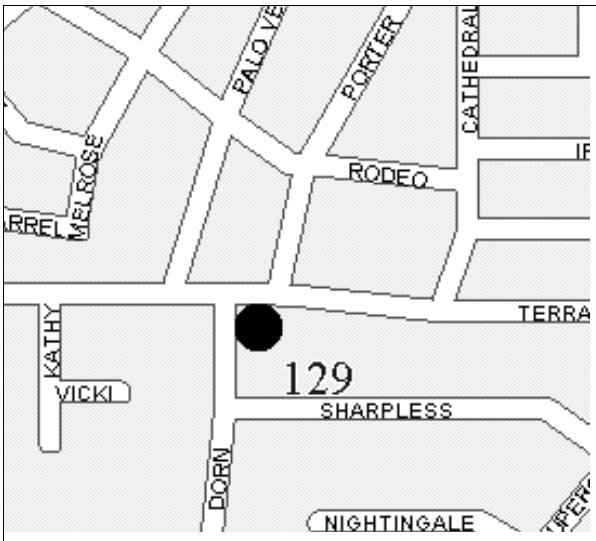
Recovery By: RBF Date: Nov 1996

Location:

At the southeast corner of Dorn Rd and Terrace Rd

Approximately 10 ft from edges of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	46	21.00000	Northing:		
Longitude	116	28	8.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	136.287	447.130	1991.5	RBF	March 1997	Second, I
NGVD29:		444.690		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **130**

Name: ELNA / CARROL

Monument Description: GPS Useable: Yes

Set Cathedral City bronze disk in concrete monument

Stamping: 130 1996

Center Mark: Punch mark

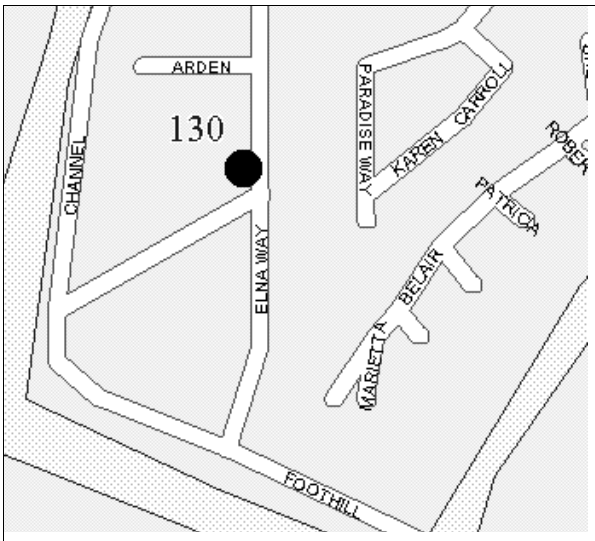
Recovery By: RBF Date: Nov 1996

Location:

At the northeast corner of Elna Wy and Carrol Dr

Approximately 10 ft from edges of pavement

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	45	48.00000	Northing:		
Longitude	116	28	44.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	205.677	674.790	1991.5	RBF	March 1997	Second, I
NGVD29:		672.370		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **131**

Name: SPRR @ DA VALL

Monument Description: GPS Useable: No

Set Cathedral City bronze disk in concrete monument

Stamping: 131 1996

Center Mark: Punch mark

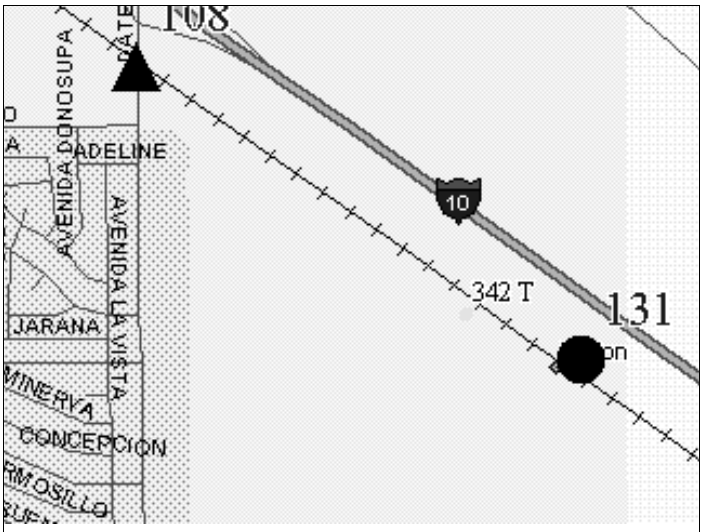
Recovery By: RBF Date: Nov 1996

Location:

On the north side of the Southern Pacific Railroad at the northerly prolongation of Da Vall Dr

Notes:

Trees to northeast and southwest



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	50	16.00000	Northing:		
Longitude	116	26	33.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	94.563	310.250	1991.5	RBF	March 1997	Second, I
NGVD29:		307.910		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **132**

Name: DATE PALM / I-10

Monument Description: GPS Useable: Yes

Set Cathedral City brass disk in concrete bridge abutment

Stamping: 132 1996

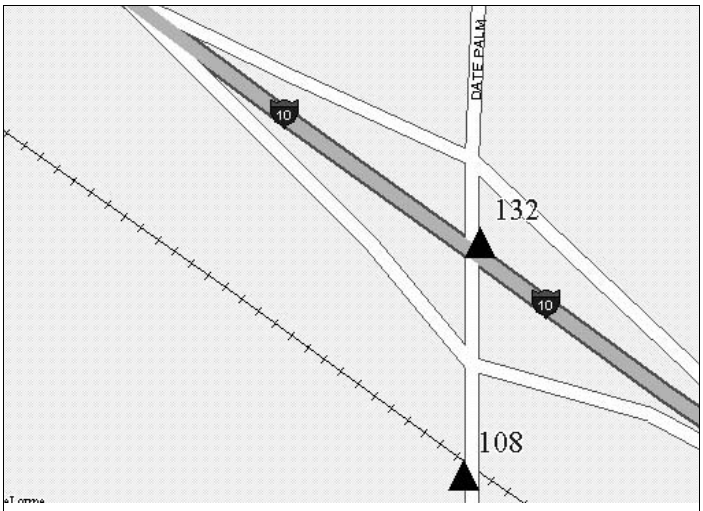
Center Mark: Punch mark

Recovery By: RBF Date: Nov 1996

Location:

At the northeast corner of the bridge on Date Palm Dr over Interstate Route 10

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	50	58.00000		Northing:		
Longitude	116	27	30.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	131.169	430.340	1991.5	RBF	March 1997	Second, I
NGVD29:		428.020		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **158**
Name: **RM 12**

Monument Description: GPS Useable: No

2.5" City Rcho Mirage bronze disk in top of curb

Stamping: RM 12
Center Mark: None
Recovery By: JFD Date: 1985

Location:

Southwest return on Frank Sinatra Dr at north entrance to Rancho Mirage Country Club

0.5 mi east of Bob Hope Dr; 6.6 ft south of southerly PCR

Notes:

Looking North

NAD 83 Coordinates	Epoch: 1986	Accuracy: Scaled	Survey by: RBF	Adj.: Aug 1995

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	46	19.50000	Northing:	678,059.000	2,224,598.00
Longitude	116	23	55.90000	Easting:	1,986,210.000	6,516,425.00
Ellipse Height (m):			52.000		Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	85.886	281.780	1991.5	RBF	Aug 1995	Second, I
NGVD29:		279.523		JFD	1985	Unknown

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **166**
Name: **603 37**

Monument Description: GPS Useable: No

3" County Riv. bronze disk in concrete monument

Stamping: 603 37 68
Center Mark: Circle
Recovery By: RBF Date: June 1995

Location:

253 ft northwest of the side of Washington St along SP Railroad 0.1 mi north of Country Club Dr

42 ft southwest of the center of tracks, 25 ft northeast of tamarisk trees, and 1.4 ft northeast of wooden guard post

Notes:

Tall eucalyptus trees to the west and southwest

Looking East

NAD 83 Coordinates	Epoch: 1991.35	Accuracy: Approx	Survey by: RBF	Adj.: Aug 1995

Ellipsoidal Coordinates, GRS 80	Deg.	Min.	Seconds	Horizontal Coordinates		CCS 83, Zone 6 Coordinates Meters	US Survey Feet
Latitude	33	45	34.65999		Northing:	676,667.944	2,220,034.75
Longitude	116	18	10.20001		Easting:	1,995,105.388	6,545,608.26
Ellipse Height (m):			-0.652			Grid Scale:	0.99998166
						Height Scale:	1.000000102
						Combined Factor:	0.999981763

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	32.272	105.879	1991.5	NGS	June 1991	First, II
NGVD29:		103.651		Co. Riv.	Unknown	Unknown

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **167**
Name: 603 38

Monument Description: GPS Useable:

3" County Riv. bronze disk in concrete monument

Stamping: 603 38 68
Center Mark: Circle
Recovery By: NGS Date: 1988

Location:

259 ft south of the center of Avenue 39, 45 ft west of the center of Washington St

11 ft southwest of power pole

Notes:

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by: NGS	Adj.: June 1991

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	46	21.00000		Northing:	0.000	0.00
Longitude	116	18	15.00000		Easting:	0.000	0.00
Ellipse Height (m):			0.000			Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	33.662	110.302	1991.5	NGS	June 1991	First, II
NGVD29:		108.225		NGS	June 1991	Unknown

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **501**
Name: **603 57**

Monument Description: GPS Useable: Yes

3" Co Riverside bronze disk in concrete post

Stamping: B.M. 603.57.68
Center Mark:
Recovery By: RBF Date: Nov 1996

Location:

On the north side of Dillon Rd approximately 250 ft east of Long Canyon Rd

Notes:

NAD 83 Coordinates	Epoch: 1986	Accuracy: Scaled	Survey by: NGS	Adj.: June 1991

Ellipsoidal Coordinates, GRS 80	Deg.	Min.	Seconds	Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
					Meters	US Survey Feet
Latitude	33	55	31.00000	Northing:		
Longitude	116	27	26.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	295.546	969.640	1991.5	NGS	June 1991	First, II
NGVD29:		967.380		NGS	June 1991	Unknown

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **502**
Name: 603 58

Monument Description: GPS Useable: Yes

3" Co Riverside bronze disk in concrete post

Stamping: B.M. 603.58.68
Center Mark:
Recovery By: RBF Date: Nov 1996

Location:

On the north side of Dillon Rd approximately 250 ft east of Mountain View Rd

Notes:

NAD 83 Coordinates	Epoch: 1986	Accuracy: Scaled	Survey by: NGS	Adj.: June 1991

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	55	30.00000		Northing:		
Longitude	116	28	28.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	278.299	913.050	1991.5	NGS	June 1991	First, II
NGVD29:		910.790		NGS	June 1991	Unknown

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **600**
Name: **A-8**

Monument Description: GPS Useable:

3" Co Riverside aluminum disk in concrete curb

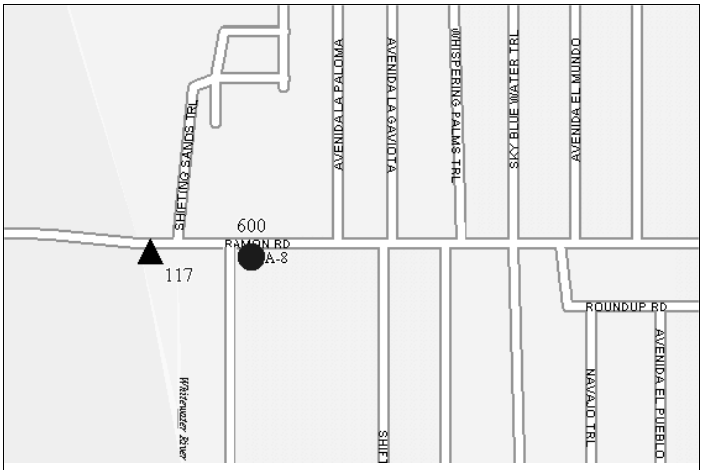
Stamping: BM-A-8 RESET 1981
Center Mark:
Recovery By: RBF Date: Jan 1997

Location:

At the northwest corner of Palm Raquetball and Fitness Center near the intersection of Landau and Ramon Rd

102 ft easterly of Landau and 147 ft southerly of Ramon Rd

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80	Deg.	Min.	Seconds	Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
						Meters	US Survey Feet
Latitude	33	48	58.00000		Northing:		
Longitude	116	28	28.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	109.909	360.590	1991.5	RBF	March 1997	Second, I
NGVD29:		358.250		Co Riverside	Oct 1981	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **601**

Name: **PD 41 RESET**

Monument Description: GPS Useable:

Co Riverside brass disk in concrete monument

Stamping: PD-41 RESET 1971

Center Mark:

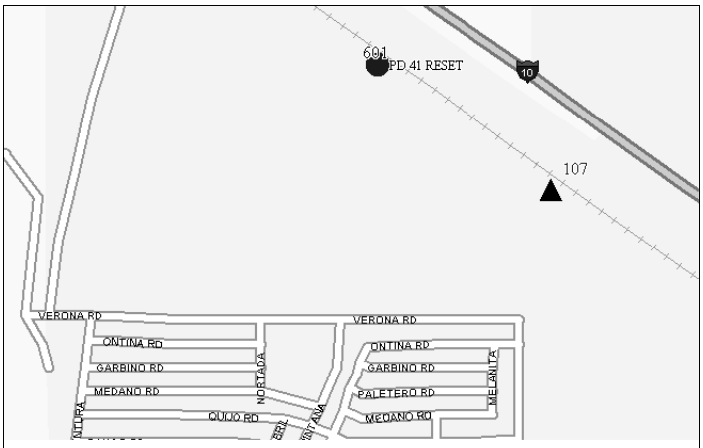
Recovery By: RBF Date: Jan 1997

Location:

On the southerly side of S.P.R.R. at Mile Post 5933

40 ft southerly of rails 0.2 mi westerly of power line crossing, and 2 mi westerly of Palm Dr

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	51	37.00000	Northing:		
Longitude	116	28	52.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	139.089	456.330	1991.5	RBF	March 1997	Second, I
NGVD29:		454.010		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **602**

Name: **F 753 RESET**

Monument Description: GPS Useable: No

3.75" USC&GS bronze disk in concrete slab

Stamping: F 753 (USE) RESET

Center Mark: Line and hash

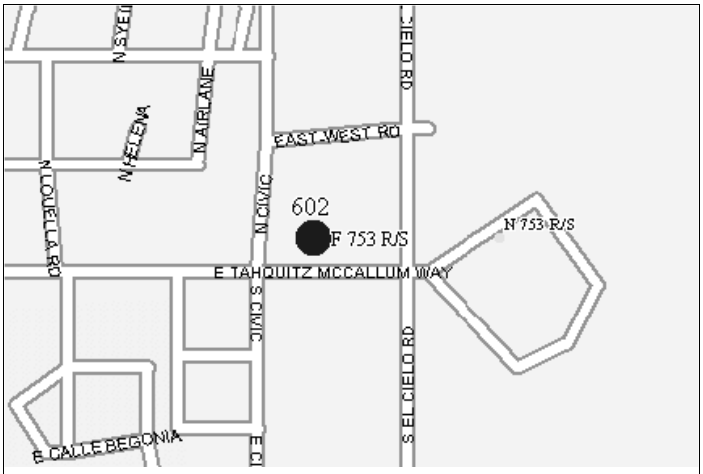
Recovery By: RBF Date: Nov 1996

Location:

At the southerly entrance to Palm Springs City Hall offices

Approximately 200 ft north of Tahquitz Canyon Wy and 400 ft west of El Cielo Rd

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	49	26.00000	Northing:		
Longitude	116	30	43.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	128.820	422.640		NGS	1957 (Vertcon)	Second
NGVD29:		420.270		City Palm Springs	1957	Third

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **603**
Name: **RM 53**

Monument Description: GPS Useable:

2.5" Brass disk in concrete curb

Stamping: RM 53
Center Mark:
Recovery By: RM Date:

Location:

Southeasterly return of Frank Sinatral Dr. and Morningside Dr

At the easterly E.C.R.

Notes:

250.48 per R.M.

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	46	21.00000		Northing:		
Longitude	116	25	31.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	77.045	252.770	1991.5	RBF	March 1997	Second, I
NGVD29:		250.460		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **604**
Name: **RM 45**

Monument Description: GPS Useable:

2.5" Brass disk in concrete inlet box

Stamping: RM 45
Center Mark:
Recovery By: RM Date:

Location:

Southeasterly return at Bob Hope Dr and Frank Sinatra Dr

90 ft east of the easterly E.C.R.

Notes:

252.654 per R.M.

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	46	21.00000		Northing:		
Longitude	116	24	24.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	77.697	254.910	1991.5	RBF	March 1997	Second, I
NGVD29:		252.640		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **605**
Name: **PD-22**

Monument Description: GPS Useable:

Riverside Co "type C monument" in the southeast corner of concrete Gas Co vault

Stamping: PD-22

Center Mark:

Recovery By: RBF Date: Jan 1997

Location:

At the northwest corner of Highway 111 and Date Palm Dr

Notes:

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude	33	46	42.00000		Northing:		
Longitude	116	27	30.00000		Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	91.988	301.800	1991.5	RBF	March 1997	Second, I
NGVD29:		299.390		Co Riverside	1963	First

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **606**
Name: **PD 23-1**

Monument Description: GPS Useable:

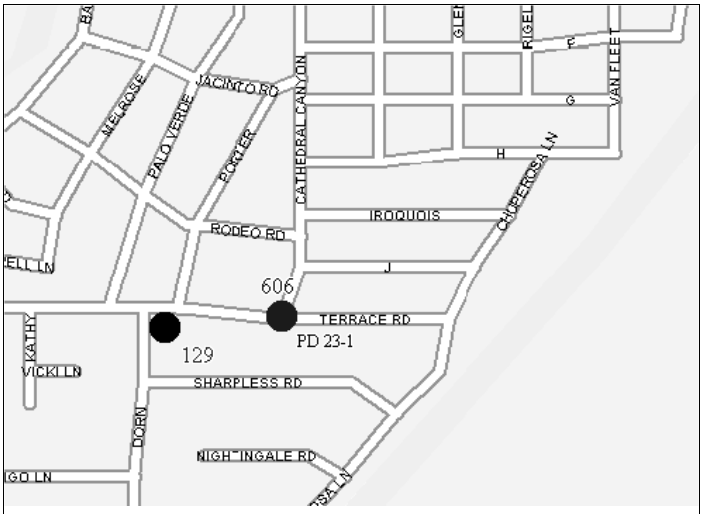
Iron pipe in street survey well monument

Stamping:
Center Mark:
Recovery By: RBF Date: Jan 1997

Location:

At the intersection of Cathedral Canyo Dr and Terrace Rd

Notes:



NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	46	42.00000	Northing:		
Longitude	116	27	30.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	129.652	425.370	1991.5	RBF	March 1997	Second, I
NGVD29:		422.920		Co Riverside	Dec. 1963	First

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **607**
Name: **PD 23-4**

Monument Description: GPS Useable:

Stamping:
Center Mark:
Recovery By: RBF Date: Jan 1997

Location:
At the intersection of Valley Vista Dr and Elna Wy

Notes:

NAD 83 Coordinates	Epoch:	Accuracy: Scaled	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates	CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds		Meters	US Survey Feet
Latitude	33	45	56.00000	Northing:		
Longitude	116	27	30.00000	Easting:		
Ellipse Height (m):					Grid Scale:	
					Height Scale:	
					Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	196.283	643.970	1991.5	RBF	March 1997	Second, I
NGVD29:		641.550		Co Riverside	Dec. 1963	First

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1001**
Name: **TP-1001**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the easterly side of Mountain View Rd 100 ft northerly of 20th St

0.3 ft westerly of gutter and 70 ft northerly of the end of curb

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	231.435	759.300	1991.5	RBF	March 1997	Second, I
NGVD29:		757.020		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1002**
Name: **TP-1002**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the top of curb at the southeaserly corner of Ramon and Canyon Vista

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	110.222	361.620	1991.5	RBF	March 1997	Second, I
NGVD29:		359.280		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1003**
Name: **TP-1003**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the westerly side of Mountain View 100 ft southerly of 18th St

0.3 ft easterly of the edge of pavement

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	256.242	840.690	1991.5	RBF	March 1997	Second, I
NGVD29:		838.420		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1004**
Name: **TP-1004**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the easterly side of Landau Ave 100 ft northerly of Tortuga St

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	121.407	398.320	1991.5	RBF	March 1997	Second, I
NGVD29:		395.990		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1005**
Name: **TP-1005**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On an electrical system manhole at the northeaserly corner of Landau and Vista Chino

50 ft northerly of Vista Chino and 100 ft easterly of Landau

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	127.656	418.820	1991.5	RBF	March 1997	Second, I
NGVD29:		416.490		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1006**
Name: **TP-1006**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the top of curb at the southerly return of the southerly corner of Ventura and Verona

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	140.071	459.550	1991.5	RBF	March 1997	Second, I
NGVD29:		457.230		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1007**
Name: **TP-1007**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the easterly side of Date Palm Dr 100 ft northerly of Tachevah Rd

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	113.306	371.740	1991.5	RBF	March 1997	Second, I
NGVD29:		369.410		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1008**
Name: **TP-1008**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the top of curb on Gerald Ford Rd 900 ft easterly of Plumley

40 ft westerly of the northwest corner of the entrance to Mountain View Villas

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	88.448	290.180	1991.5	RBF	March 1997	Second, I
NGVD29:		287.810		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1009**
Name: **TP-1009**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the top of curb at the easertly return of the northeast corner of Frank Sinatra Dr and De Vall

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	80.650	264.600	1991.5	RBF	March 1997	Second, I
NGVD29:		262.250		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1010**
Name: **TP-1010**

Monument Description: GPS Useable:

Existing bolt

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

Northeaserly bolt of a railroad control light on the northeaserly side of S.P.R.R.

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	157.302	516.080	1991.5	RBF	March 1997	Second, I
NGVD29:		513.770		RBF	March 1997	Second, II

City of Cathedral City

Return to Map

CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1011**
Name: **TP-1011**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

At the northeaserly corner of Highway 111 and Cathedral Canyon Rd

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	98.640	323.620	1991.5	RBF	March 1997	Second, I
NGVD29:		321.200		RBF	March 1997	Second, II

City of Cathedral City

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CONTROL SURVEY MONUMENT RECOVERY

Cathedral City

Date Printed: 10/01/2003

Number: **1012**
Name: **TP-1012**

Monument Description: GPS Useable:

Set concrete nail

Stamping:
Center Mark:
Recovery By: RBF Date: Mar 1997

Location:

On the southside of Dinah Shore Dr at the intersection with Sky Blue Water Tr

In the northeaserly corner of a concrete catchbasin

Notes:

NAD 83 Coordinates	Epoch:	Accuracy:	Survey by:	Adj.:

Ellipsoidal Coordinates, GRS 80				Horizontal Coordinates		CCS 83, Zone 6 Coordinates	
	Deg.	Min.	Seconds			Meters	US Survey Feet
Latitude					Northing:		
Longitude					Easting:		
Ellipse Height (m):						Grid Scale:	
						Height Scale:	
						Combined Factor:	

Elevation (MSL)	Meters	Feet	Epoch Date	Survey By	Adj. Date	Accuracy
NAVD88:	99.954	327.930	1991.5	RBF	March 1997	Second, I
NGVD29:		325.560		RBF	March 1997	Second, II

City of Cathedral City

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