

**COUNTER COPY**

**CITY OF CARLSBAD**



**SURVEY CONTROL NETWORK**

**NETWORK DATA SHEETS**

**PREPARED BY:**



**HUNSAKER & ASSOCIATES SAN DIEGO, INC.  
10179 HUENNEKENS STREET  
SAN DIEGO, CA 92121  
(858) 558-4500**

**November 15, 2001  
W.O. 2322-3**



# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 1 Station Name: 134WCCS1

**Monument Description:**

FD. 2.5" DISK IN SIDEWALK IN THE SOUTHEAST QUADRANT LEUCADIA BLVD. AND ORPHEUS AVENUE, 37' EASTERLY OF TRAFFIC SIGNAL.

Established By: COUNTY OF SAN DIEGO

Date Established:

**Monument "To Reach" Description:**

MONUMENT IS IN ENCINITAS AT THE SOUTHEAST QUADRANT OF THE INTERSECTION OF LEUCADIA BLVD. AND ORPHEUS ST. IN THE SOUTHERLY SIDEWALK OF LEUCADIA BLVD. 3 FT. FROM FACE OF CURB AND 37 FT. EASTERLY OF TRAFFIC SIGNAL ON THE CORNER.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°3'53.791733"N

Longitude: 117°17'36.314691"W

Ellipsoid Height: 62.663

Northing: 1968854.614

Easting: 6242001.192

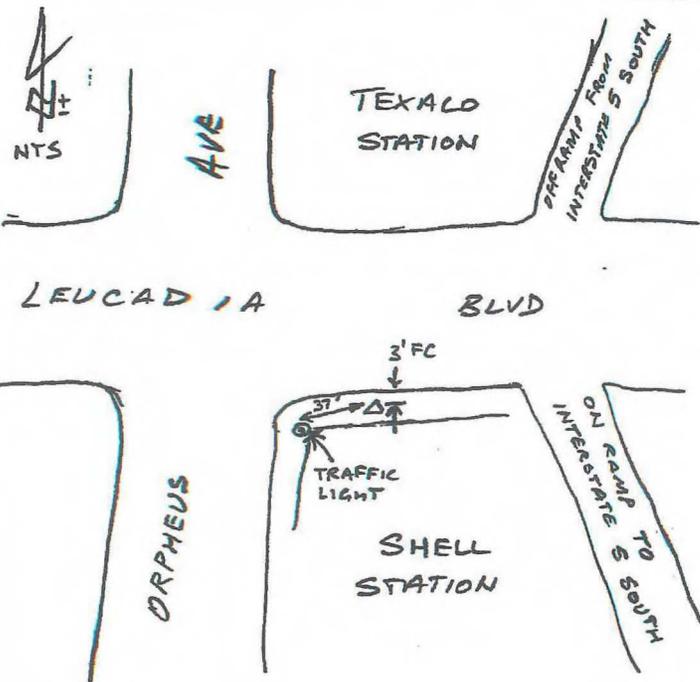
NGVD29 Elevation: 176.272

Combined Scale Factor 0.9999621

Convergence: -0°34'24.155"

Horizontal Order: FIRST

Monument Sketch:



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

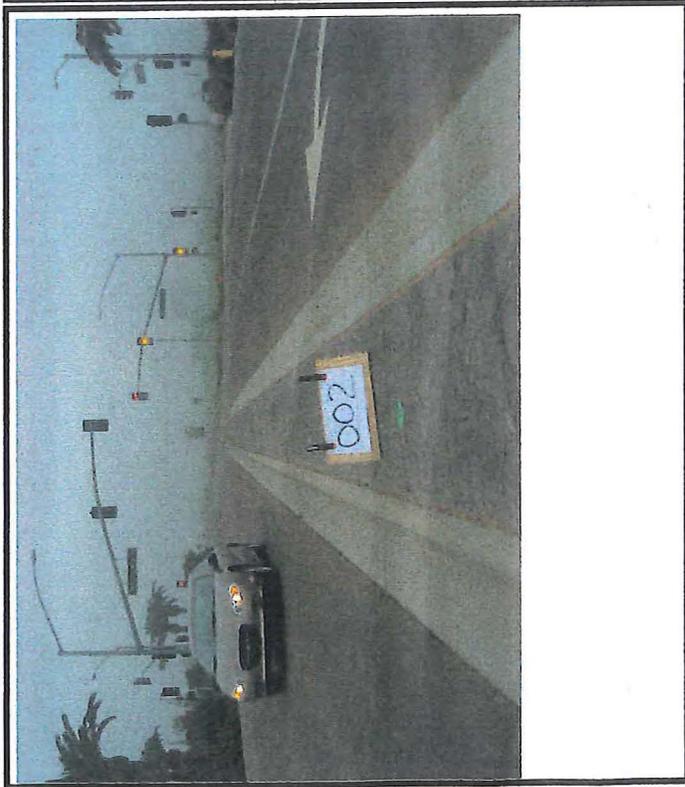
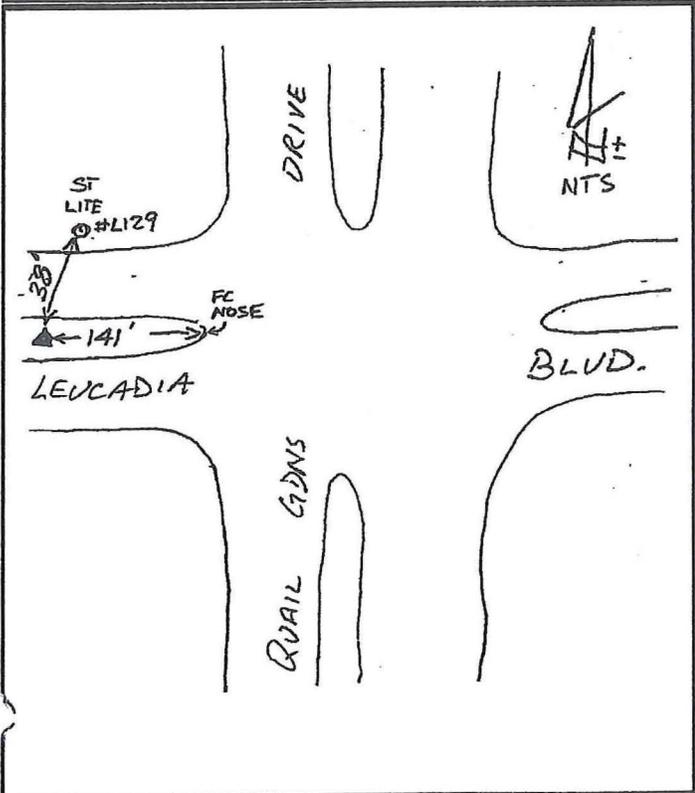
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Point Number: 2      Station Name: 134WCCS2  
Monument Description:  
FD. 2." DISK IN MEDIAN ISLAND OF LEUCADIA BLVD. 141 FT. +/- WESTERLY OF LEFT TURN GORE NOSE ONTO QUAIL GARDENS DRIVE  
Established By:      COUNTY OF SAN DIEGO  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:      33°3'55.159164"N  
Longitude:      117°16'44.486941"W  
Ellipsoid Height:      204.837  
Northing:      1968948.993  
Easting:      6246412.942  
NGVD29 Elevation:      318.157  
Combined Scale Factor      0.99995527  
Convergence:      -0°33'55.675"  
Horizontal Order:      FIRST

Monument "To Reach" Description:  
MONUMENT IS 141 FT. WESTERLY OF LEFT TURN ISLAND GORE NOSE OF LEUCADIA BLVD. AT QUAIL GARDENS DRIVE. 38 FT. SOUTHERLY OF A STREET LIGHT.



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

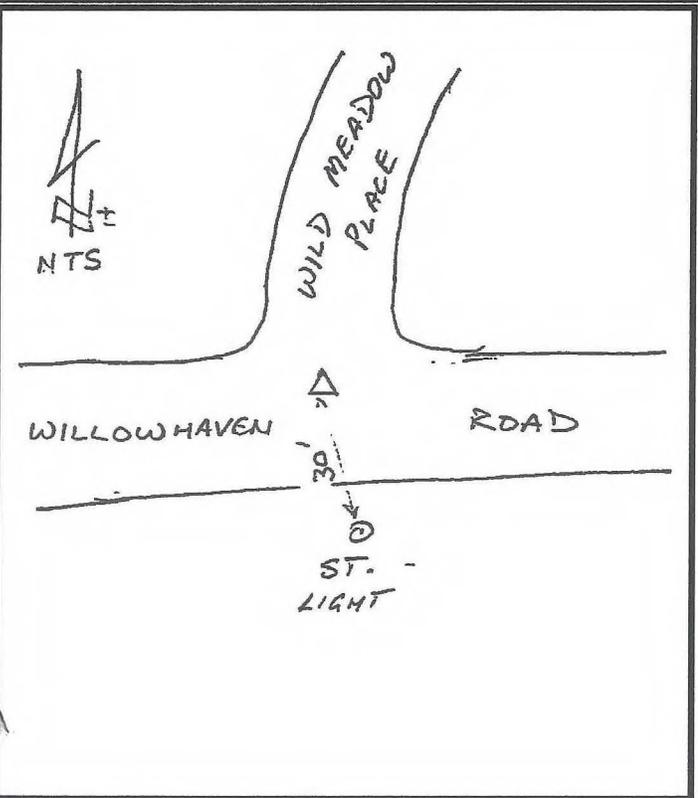
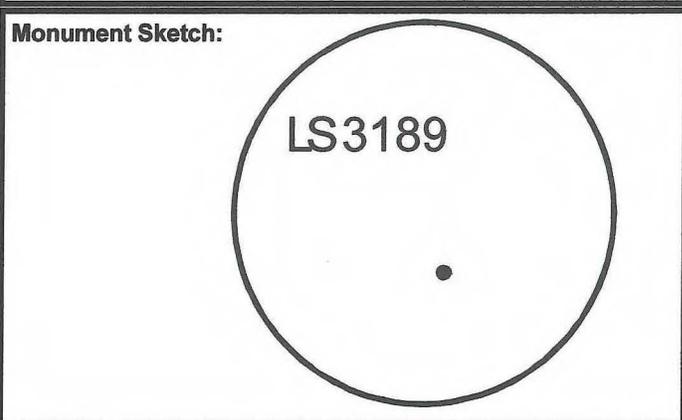
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Point Number: 5      Station Name: CLSB-005  
Monument Description:  
WELL MONUMENT MARKED L.S. 3189 AT THE  
INTERSECTION OF WILLOW HAVEN RD. AND WILD  
MEADOW PL.  
Established By:      HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.  
Date Established:      5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:      33°3'57.406610"N  
Longitude:      117°15'10.533242"W  
Ellipsoid Height:      -7.566  
Northing:      1969098.209  
Easting:      6254410.403  
NGVD29 Elevation:      105.249  
Combined Scale Factor      0.99996538  
Convergence:      -0°33'04.046"  
Horizontal Order:      FIRST

Monument "To Reach" Description:  
MONUMENT IS AT THE INTERSECTION OF WILLOW  
HAVEN RD. AND WILD MEADOW PL. 30 FT. NORTHERLY  
OF A STREET LIGHT.



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Point Number: 8 Station Name: CLSB-008

**Monument Description:**

WELL MONUMENT MARKED L.S. 4768 IN THE CENTER OF BULB CUL-DE-SAC OF NORTH END OF CORTE DOMINGO.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

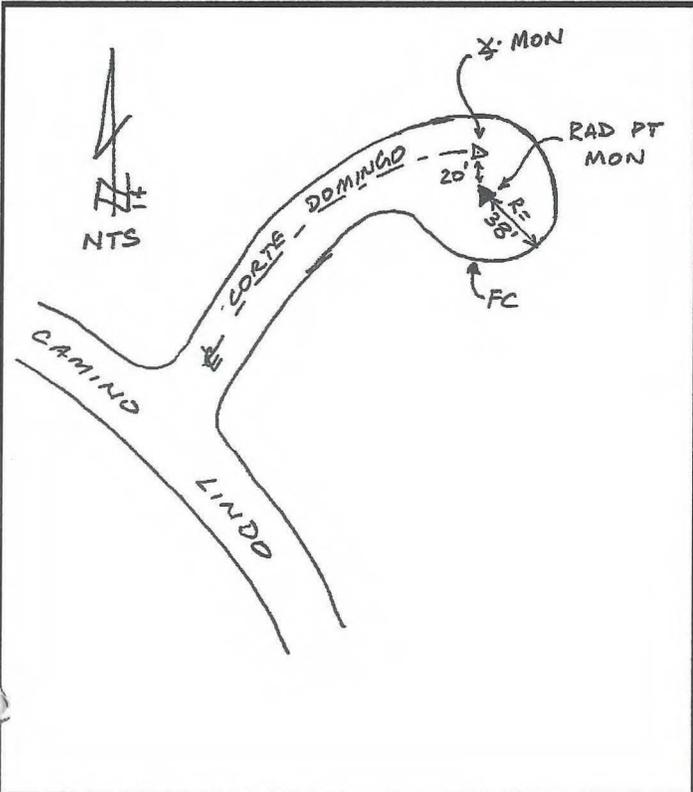
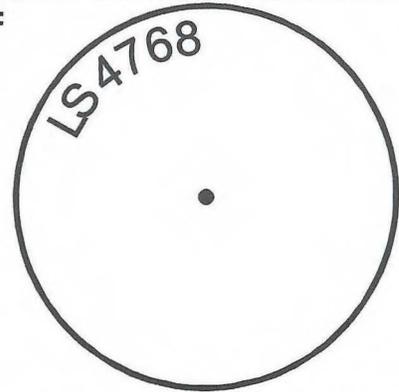
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°4'09.132831"N  
Longitude: 117°13'43.314761"W  
Ellipsoid Height: 110.165  
Northing: 1970212.788  
Easting: 6261843.614  
NGVD29 Elevation: 222.485  
Combined Scale Factor 0.99995948  
Convergence: -0°32'16.118"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE CENTER OF BULB CUL-DE-SAC OF NORTH END OF CORTE DOMINGO. 300 FT. NORTHEASTERLY OF CAMINO LINDO. 20 FT. SOUTHERLY OF WELL MONUMENT ON CENTERLINE OF CORTE DOMINGO.

**Monument Sketch:**



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Point Number: 9 Station Name: CLSB-009

**Monument Description:**

WELL MONUMENT IN THE CENTER OF THE  
SOUTHEAST END OF BULB CUL-DE-SAC OF SITIO  
BORDE.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

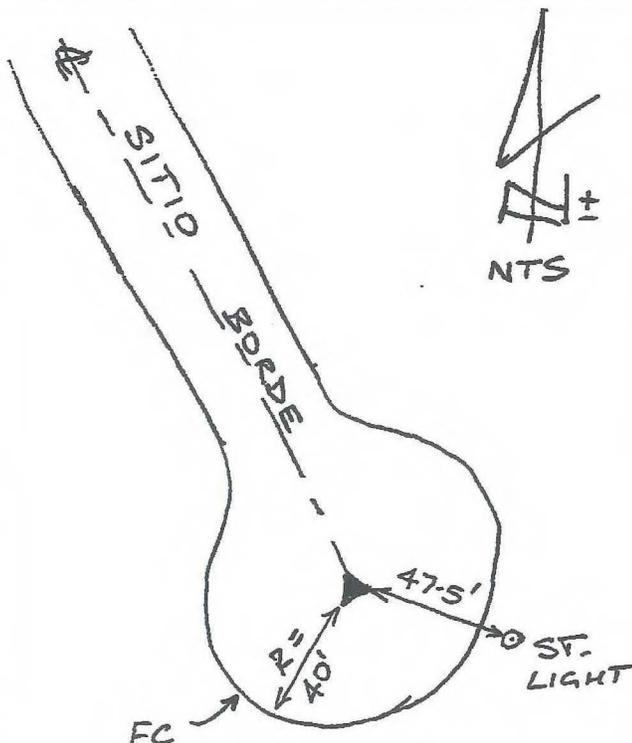
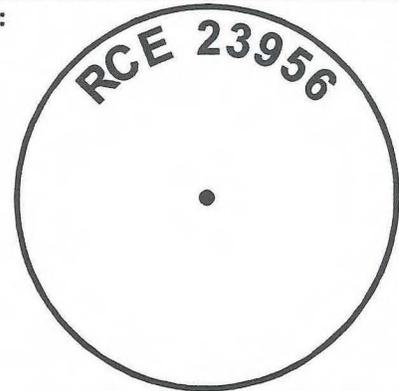
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°4'29.584228"N  
Longitude: 117°13'28.969402"W  
Ellipsoid Height: 255.198  
Northing: 1972268.275  
Easting: 6263083.65  
NGVD29 Elevation: 367.369  
Combined Scale Factor 0.99995209  
Convergence: -0°32'08.235"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN CENTER OF THE SOUTHEAST END  
OF BULB CUL-DE-SAC OF SITIO BORDE, 0.1 MI.  
SOUTHEASTERLY OF AVENIDA DIESTRO AND 47.5 FT.  
NORTHWESTERLY OF A STREET LIGHT.

**Monument Sketch:**



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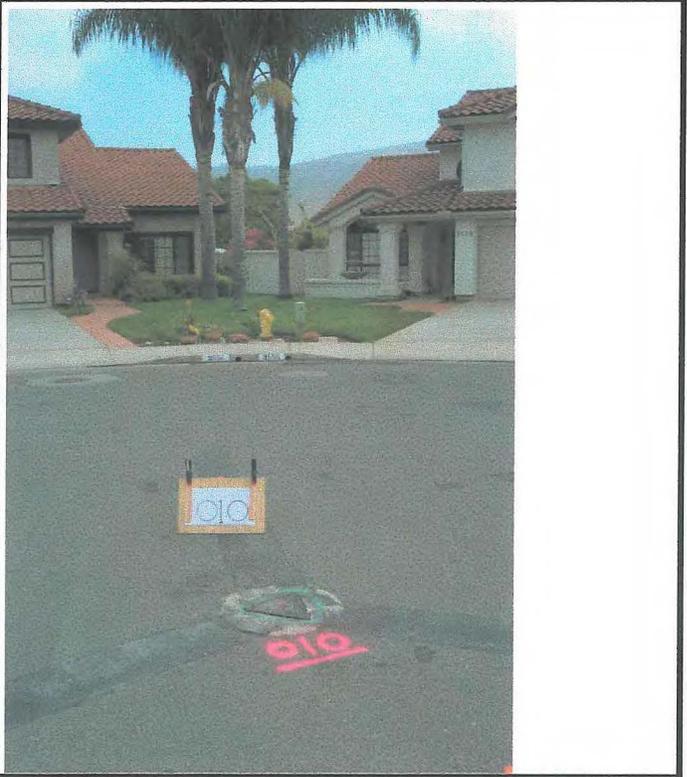
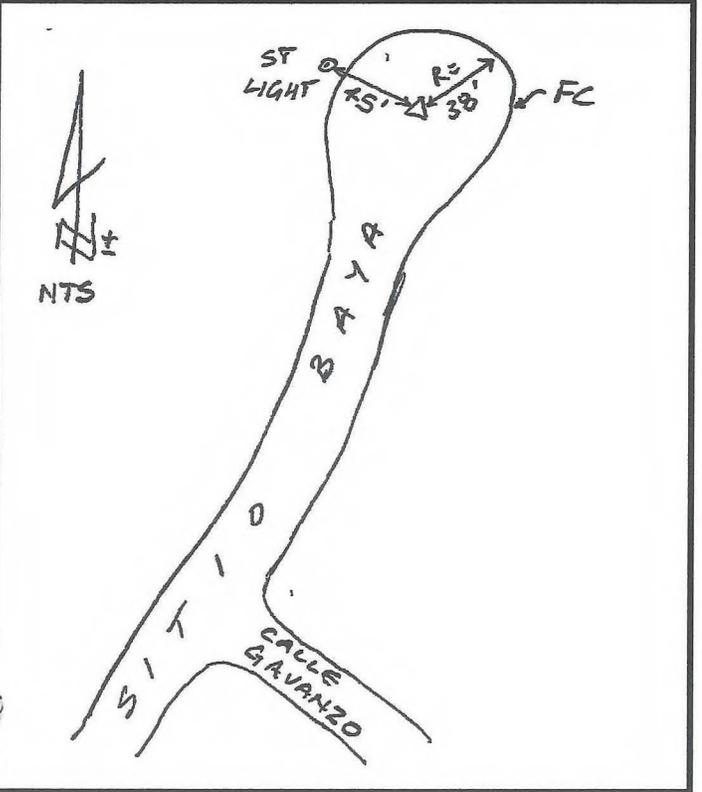
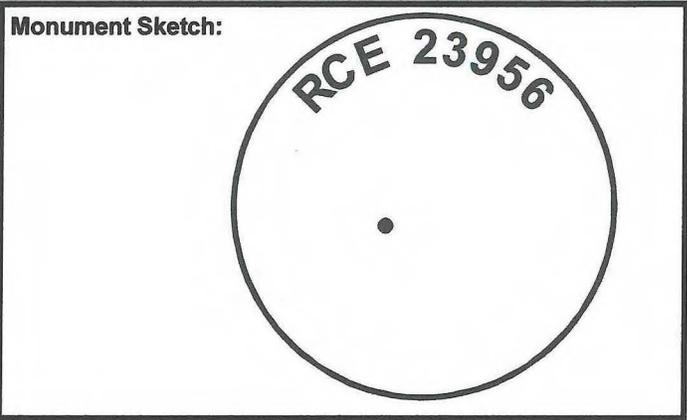
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Point Number: 10      Station Name: CLSB-010  
Monument Description:  
FD. V.W.D 3089 PER R.O.S. 15376, WELL MONUMENT IN  
CENTER OF NORTH END OF BULB CUL-DE-SAC OF  
SITIO BAYA.  
Established By:              HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                      33°4'48.446079"N  
Longitude:                    117°13'41.575334"W  
Ellipsoid Height:            194.333  
Northing:                    1974184.595  
Easting:                     6262028.909  
NGVD29 Elevation:        306.504  
Combined Scale Factor    0.9999546  
Convergence:               -0°32'15.162"  
Horizontal Order:            FIRST

Monument "To Reach" Description:  
MONUMENT IS IN CENTER OF NORTH END OF BULB  
CUL-DE-SAC OF SITIO BAYA, 250 FT. NORTHERLY OF  
CALLE GAVANZO, 45 FT. EASTERLY OF A STREET  
LIGHT.



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Phone (760) 434-2808  
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Point Number: 12 Station Name: CLSB-012

**Monument Description:**

SET 2.5" DISK IN THE NORTHEAST CORNER OF VAULT  
IN THE SOUTHWEST QUADRANT OF LONE JACK RD.  
AND DOUBLE LL RANCH RD. IN SAN MARCOS.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

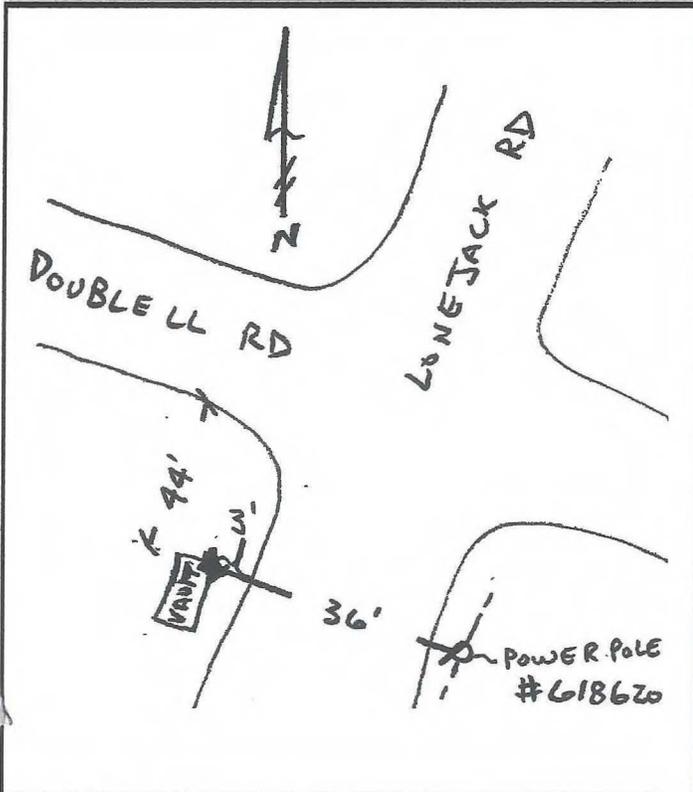
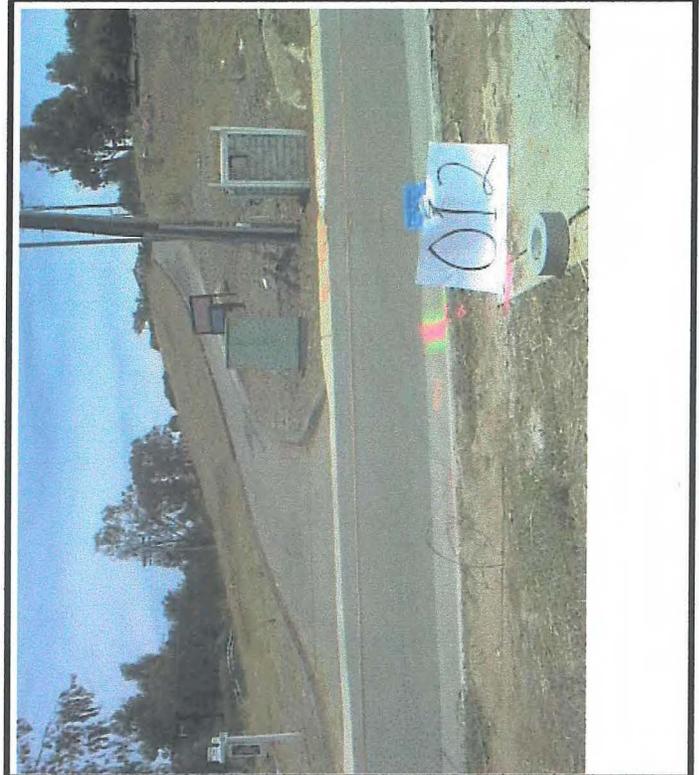
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°3'56.312692"N  
Longitude: 117°12'57.664689"W  
Ellipsoid Height: 88.853  
Northing: 1968880.89  
Easting: 6265716.186  
NGVD29 Elevation: 200.976  
Combined Scale Factor 0.99996079  
Convergence: -0°31'51.033"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE SOUTHWEST QUADRANT OF  
LONE JACK RD. AND DOUBLE LL RANCH RD. IN THE  
NORTHEAST CORNER OF VAULT. 44FT. SOUTH OF  
SOUTHERLY CURB OF DOUBLE LL RANCH RD. , 3 FT.  
WEST OF WESTERLY CURB OF LONE JACK RD. AND 36  
T. WESTERLY OF POWER POLE NO. 618620.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 15 Station Name: CLSB-015

**Monument Description:**

WELL MONUMENT MARKED RCE 21245 IN CENTER OF BULB CUL-DE-SAC AT NORTHEAST END OF VISTA LA NISA.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

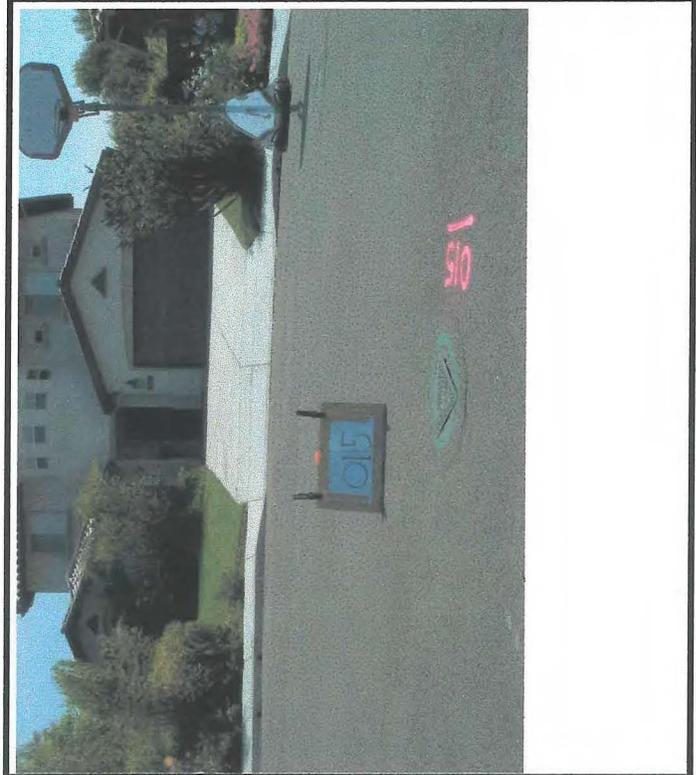
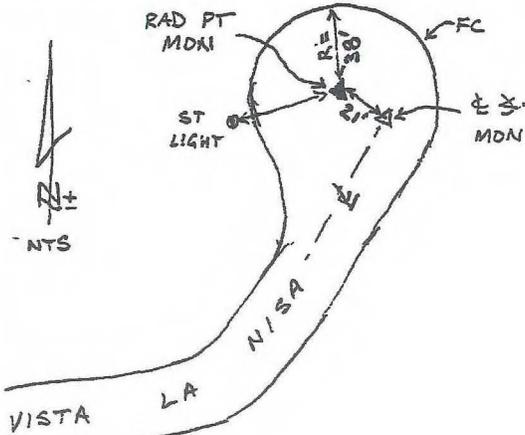
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°4'51.088629"N  
Longitude: 117°15'23.736925"W  
Ellipsoid Height: 106.065  
Northing: 1974534.4  
Easting: 6253339.181  
NGVD29 Elevation: 218.787  
Combined Scale Factor 0.99995877  
Convergence: -0°33'11.302"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN CENTER OF BULB CUL-DE-SAC AT NORTHEAST END OF VISTA LA NISA. NORTHEASTERLY OF CALLE PINABETE, 21 FT. NORTHWESTERLY OF A CENTERLINE WELL MONUMENT AND 45 FT. EASTERLY OF A STREET LIGHT.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 19 Station Name: CLSB-019

**Monument Description:**

WELL MONUMENT MARKED RCE 30724 AT CENTER OF BULB, 190' SOUTH OF INTERSECTION OF VISTA BELLA AND BELLA LAGUNA CT.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'02.821055"N

Longitude: 117°16'42.834222"W

Ellipsoid Height: 246.56

Northing: 1975785.822

Easting: 6246621.052

NGVD29 Elevation: 359.67

Combined Scale Factor 0.9999518

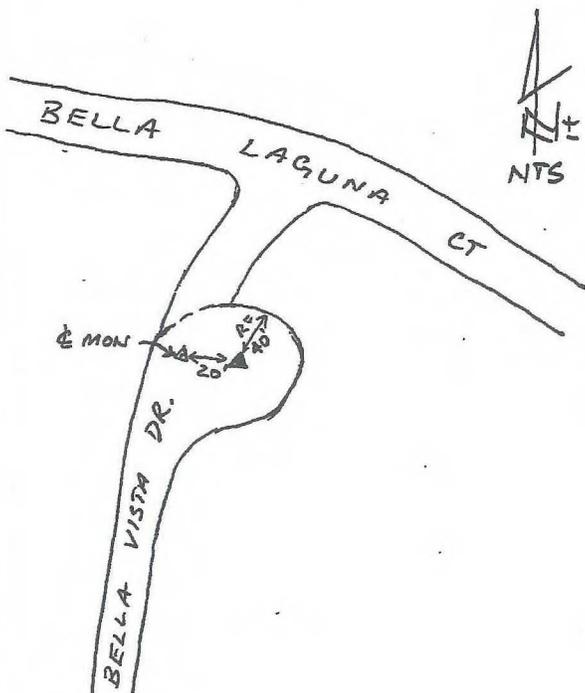
Convergence: -0°33'54.767"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT MARKED RCE 30724 AT CENTER OF BULB, 190' SOUTH OF INTERSECTION OF VISTA BELLA AND BELLA LAGUNA CT. 20 FT. EAST OF CENTERLINE WELL MONUMENT ON BELLA VISTA DR.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 20 Station Name: CLSB-020

**Monument Description:**

SET ROD DRIVEN TO REFUSAL WITH CAP 220 FT. WEST OF ROMERIA ST. ON THE SOUTH SIDE OF LA COSTA AVE. AND 5' BACK OF CURB.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

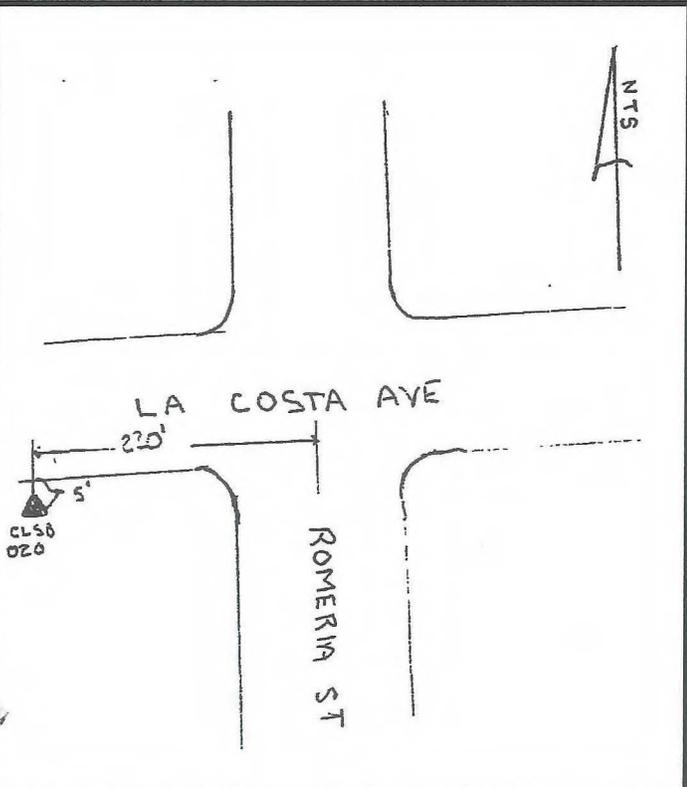
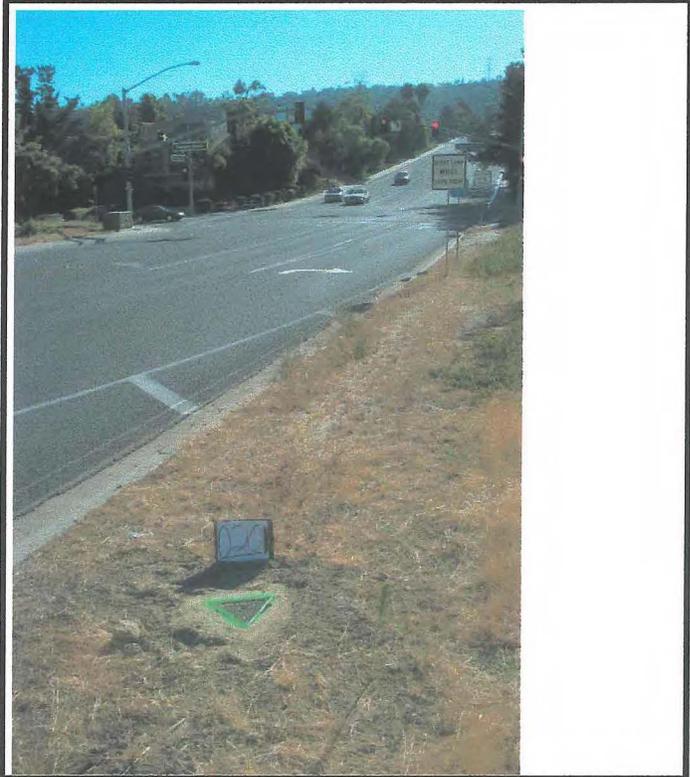
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'08.348482"N  
Longitude: 117°14'42.999424"W  
Ellipsoid Height: -8.194  
Northing: 1976245.488  
Easting: 6256821.91  
NGVD29 Elevation: 104.25  
Combined Scale Factor 0.99996387  
Convergence: -0°32'48.916"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF LA COSTA AVE. AND ROMERIA ST. GO WEST ON LA COSTA AVE. 220 FT. TO THE POINT ON THE LEFT. MONUMENT IS ON THE SOUTH SIDE OF LA COSTA AVE. 5 FT. BEHIND CURB.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 21 Station Name: CLSB-021

**Monument Description:**

FD. 2.5" CADT DISK IN WEST END OF DRAINAGE BOX INLET IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LA COSTA AVENUE AND

Established By: CALIFORNIA DEPARTMENT OF TRANSPORTATION

Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee

Latitude: 33°5'03.962403"N

Longitude: 117°17'51.796432"W

Ellipsoid Height: -68.635

Northing: 1975959.582

Easting: 6240754.91

NGVD29 Elevation: 44.849

Combined Scale Factor: 0.99996685

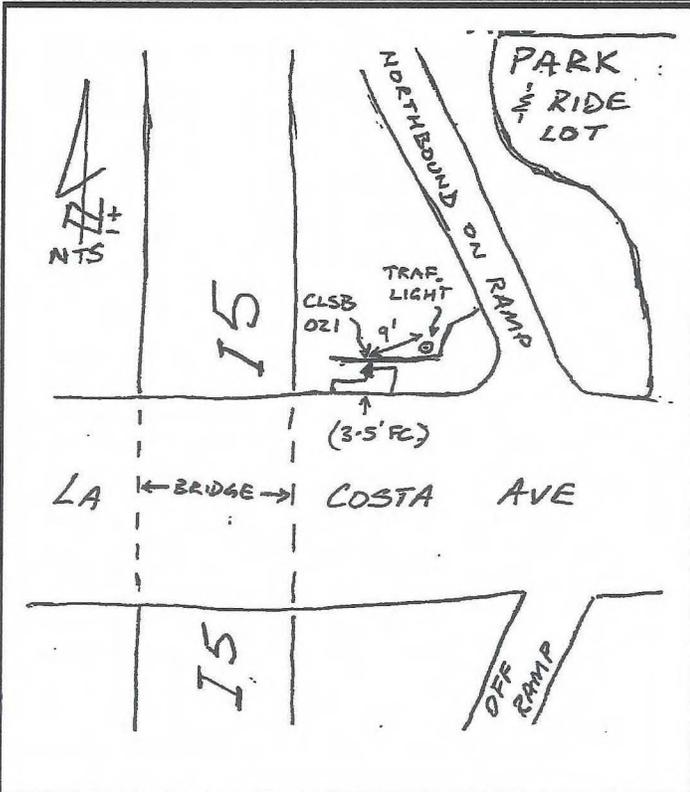
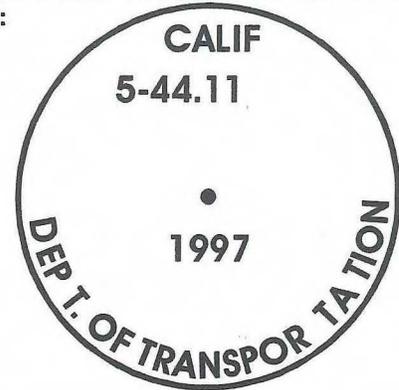
Convergence: -0°34'32.663"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LA COSTA AVENUE AND INTERSTATE HIGHWAY 5, AT THE NORTHWEST CORNER OF LA COSTA AVE. AND THE NORTHBOUND ON RAMP TO I-5, 47 FT. EASTERLY OF THE EAST END OF THE LA COSTA AVE. BRIDGE OVER I-5, 9 FT. WESTERLY OF TRAFFIC LIGHT AND 3.5 FT. FROM CURB.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 22 Station Name: CLSB-022

**Monument Description:**

SET 2" IRON PIPE AND DISK IN AC PATH, NORTH SIDE OF LA COSTA AVENUE AT VULCAN AVENUE, 13' OFF SHOULDER.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'00.376079"N

Longitude: 117°18'26.240799"W

Ellipsoid Height: -52.894

Northing: 1975626.715

Easting: 6237820.734

NGVD29 Elevation: 60.787

Combined Scale Factor 0.99996618

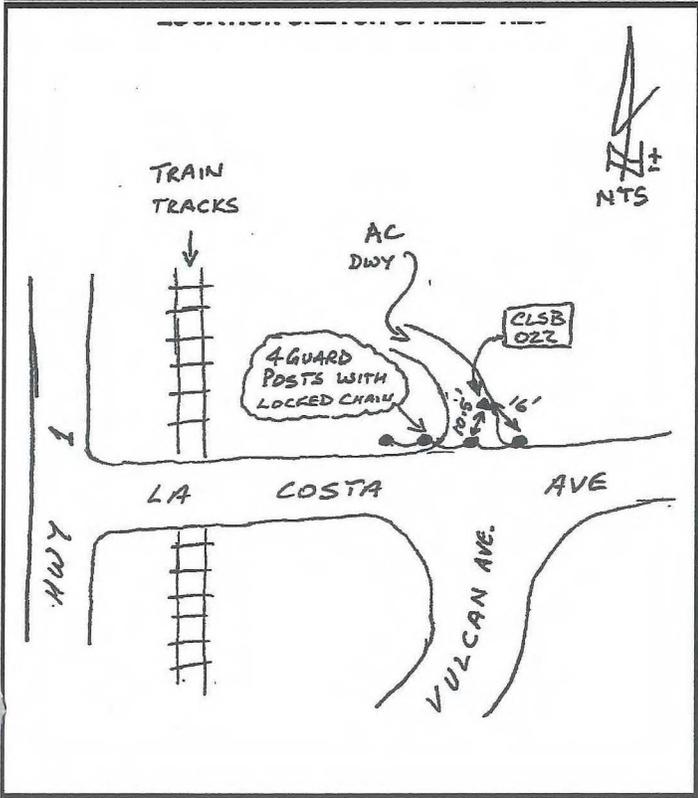
Convergence: -0°34'51.591"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN AN AC. DRIVEWAY ON THE NORTH SIDE OF LA COSTA AVE. OPPOSITE THE EXTENSION OF VULCAN AVE. 13 FT. NORTH OF THE NORTH EP OF LA COSTA AVE. 10.5 FT. NORTH OF GUARD POST IN CENTER OF DRIVEWAY AND 16 FT. NORTHWESTERLY OF GUARD POST ON EAST SIDE OF DRIVEWAY.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 23 Station Name: CLSB-023

**Monument Description:**

SET 2.5" DISK IN NORTH CURB OF LA COSTA AVENUE  
1/2 MILE EAST OF EL CAMINO REAL.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'16.118897"N

Longitude: 117°15'45.844225"W

Ellipsoid Height: -55.012

Northing: 1977082.295

Easting: 6251482.796

NGVD29 Elevation: 57.747

Combined Scale Factor 0.99996595

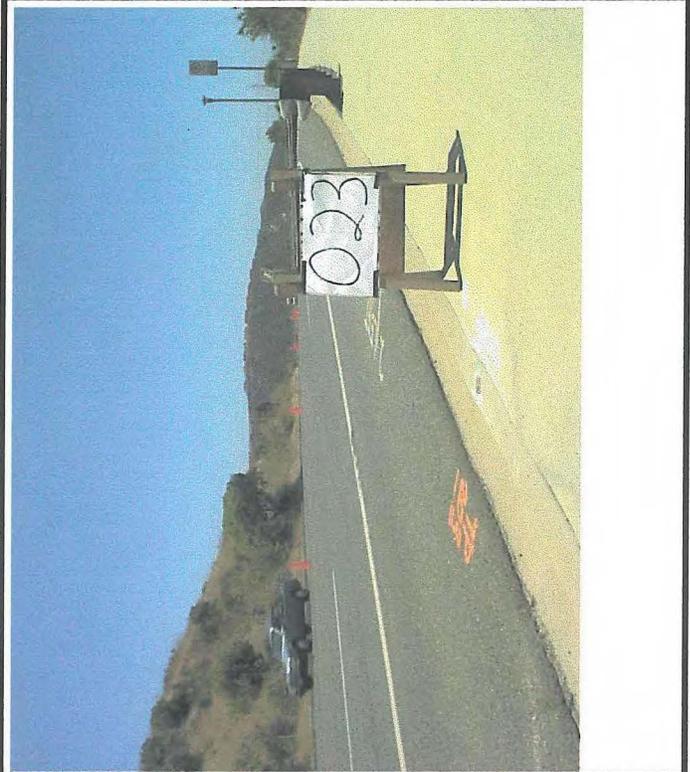
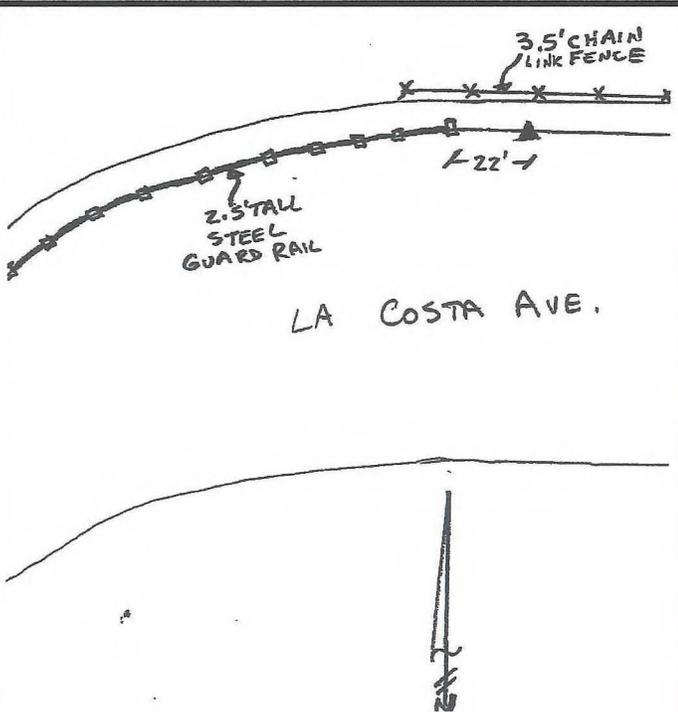
Convergence: -0°33'23.450"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN NORTH CURB OF LA COSTA AVENUE  
1/2 MILE EAST OF EL CAMINO REAL. 22 FT. EAST OF  
THE EAST END OF A 2.5 FT. TALL GUARD RAIL.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 29 Station Name: CLSB-029

**Monument Description:**

WELL MONUMENT AT THE INTERSECTION OF CORTE YOLANDA AND CAMINO DE AMIGOS.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

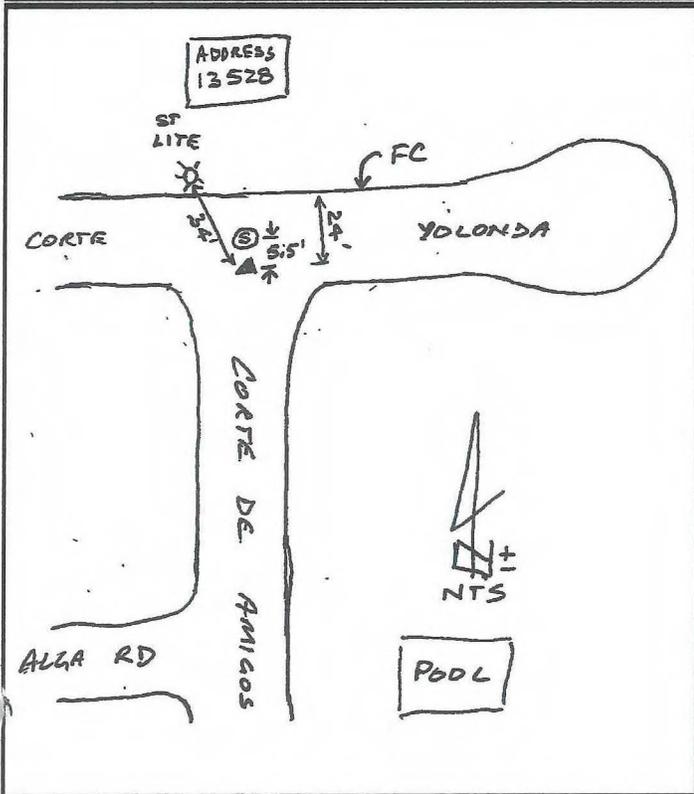
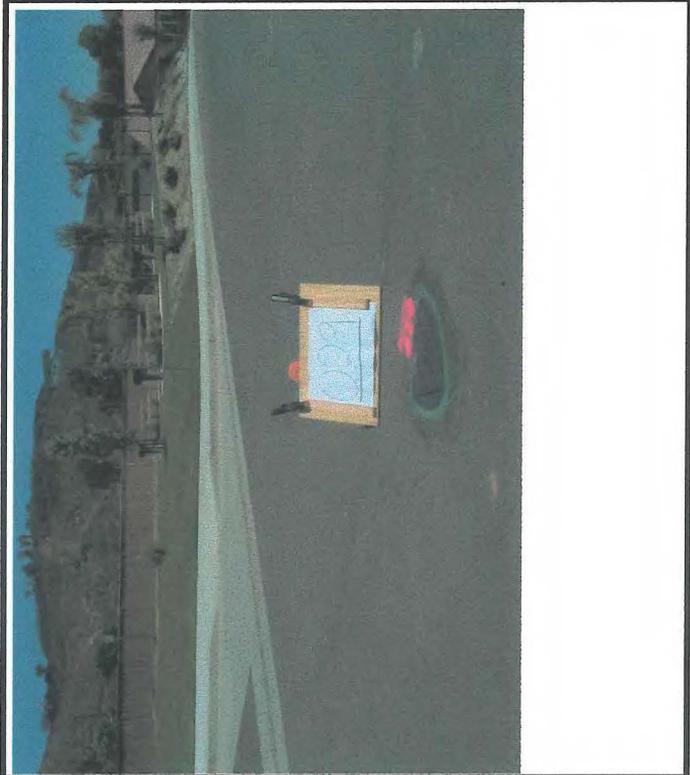
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'46.037941"N  
Longitude: 117°13'43.869659"W  
Ellipsoid Height: 318.886  
Northing: 1986070.879  
Easting: 6261945.272  
NGVD29 Elevation: 430.677  
Combined Scale Factor 0.99994629  
Convergence: -0°32'16.423"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

WELL MONUMENT AT THE INTERSECTION OF CORTE YOLANDA AND CAMINO DE AMIGOS, 34 FT. SOUTHERLY OF THE NORTHERLY CURB OF CORTE YOLANDA, 5.5 FT. SOUTHERLY OF A SEWER MANHOLE AND 34 FT. SOUTHEASTERLY OF A STREET LIGHT.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 30 Station Name: CLSB-030

**Monument Description:**

WELL MONUMENT AT THE INTERSECTION OF UNICORNIO STREET AND CACATUA STREET.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'45.438220"N

Longitude: 117°14'18.444881"W

Ellipsoid Height: 405.699

Northing: 1986038.012

Easting: 6259003.995

NGVD29 Elevation: 517.68

Combined Scale Factor 0.99994215

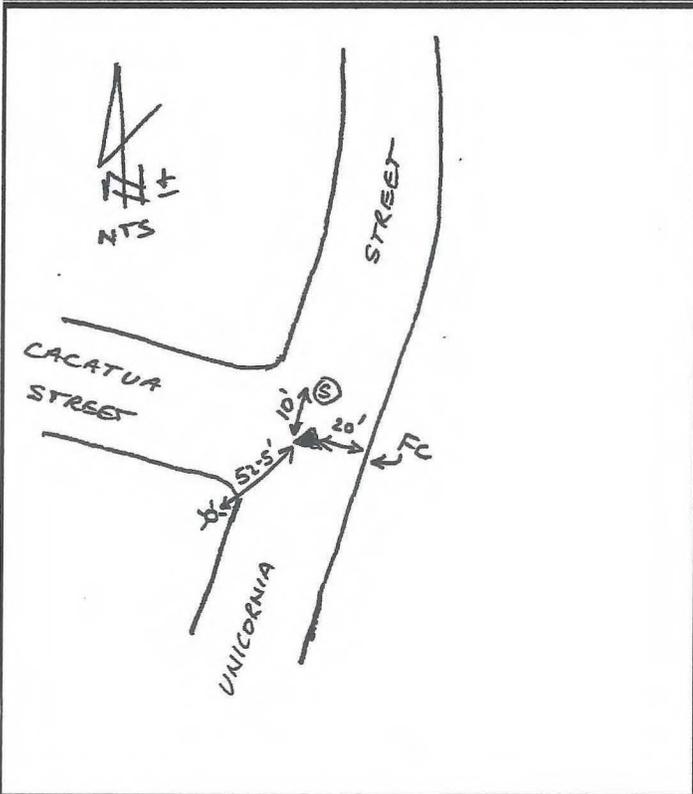
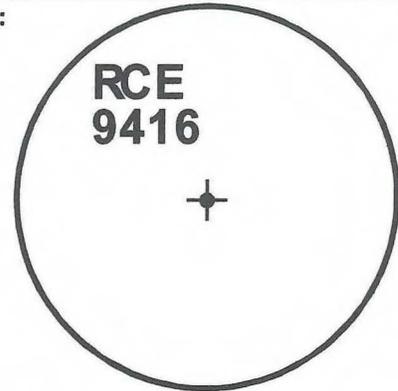
Convergence: -0°32'35.423"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

WELL MONUMENT AT THE INTERSECTION OF UNICORNIO STREET AND CACATUA STREET, 20 FT. WESTERLY OF THE EASTERLY CURB OF UNICORNIO ST. 10 FT. SOUTHERLY OF A SEWER MANHOLE AND 52.5 FT. NORTHEASTERLY OF A STREET LIGHT.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 31 Station Name: CLSB-031

**Monument Description:**

SET 2.5" DISK IN SOUTHEAST CORNER OF THE SOUTHERLY FOUNDATION PAD ON THE WEST SIDE OF EL FUERTE STREET, 200 FT. NORTH OF CORINTHIA ST.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

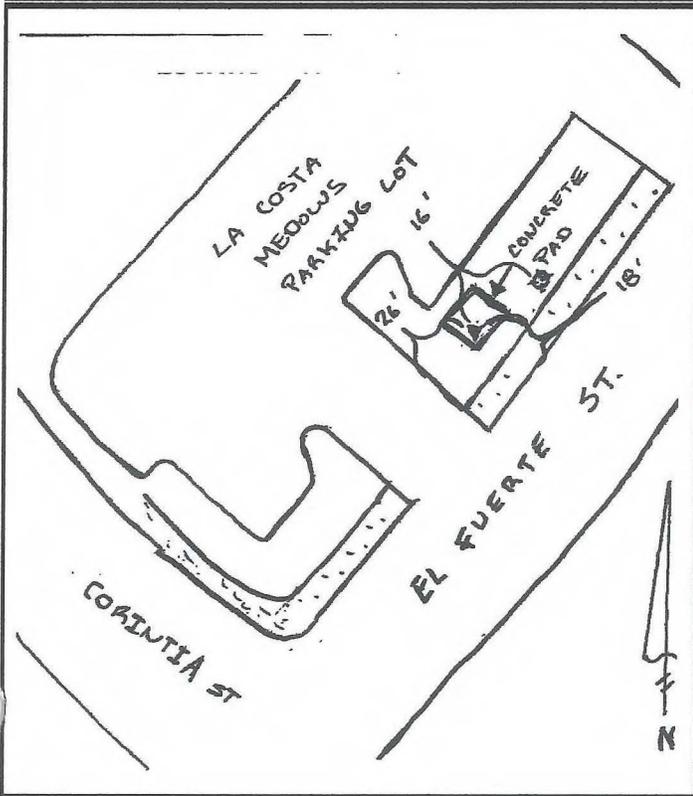
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'10.561950"N  
Longitude: 117°14'26.721688"W  
Ellipsoid Height: 448.028  
Northing: 1982519.915  
Easting: 6258266.539  
NGVD29 Elevation: 560.17  
Combined Scale Factor 0.99994079  
Convergence: -0°32'39.971"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS ON THE WEST SIDE OF EL FUERTE ST. 200 FT. NORTH OF CORINTHIA ST. 18' WEST OF THE WESTERLY CURB OF EL FUERTE ST. AND 26 FT. NORTHERLY OF THE NORTHERLY CURB OF THE SOUTHERLY ENTRANCE TO LA COSTA MEADOWS SCHOOL.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 34 Station Name: CLSB-034

**Monument Description:**

WELL MONUMENT IN THE CENTER OF BULB CUL-DE-SAC AT THE WEST END OF GOLONDRINA STREET.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

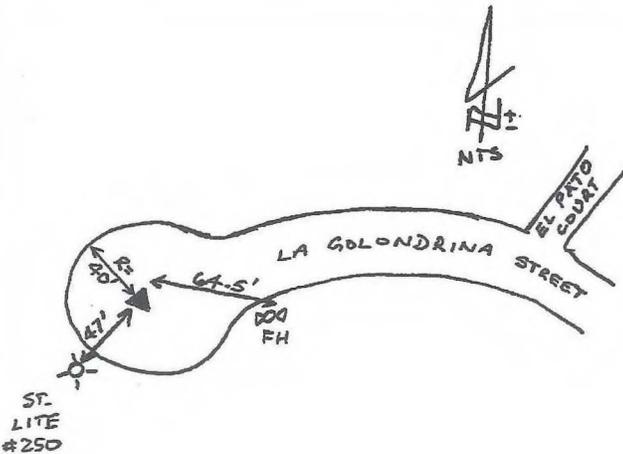
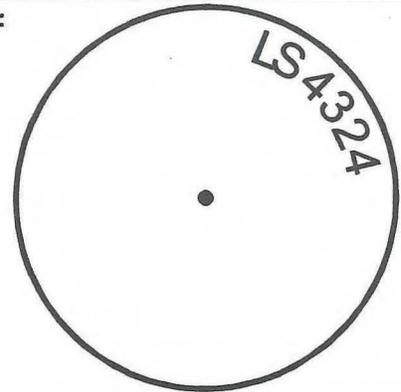
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'50.314457"N  
Longitude: 117°15'07.762884"W  
Ellipsoid Height: 220.338  
Northing: 1986570.871  
Easting: 6254814.118  
NGVD29 Elevation: 332.575  
Combined Scale Factor 0.99995093  
Convergence: -0°33'02.524"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE CENTER OF BULB CUL-DE-SAC AT THE WEST END OF GOLONDRINA STREET, 47 FT. NORTHEASTERLY OF A STREET LIGHT AND 64.5 FT. WESTERLY OF A FIRE HYDRANT.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 36 Station Name: CLSB-036

**Monument Description:**

SET 2.5" DISK IN CURB AT THE SOUTH CORNER OF ALICANTE RD. AND CORTE DE LA VISTA.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

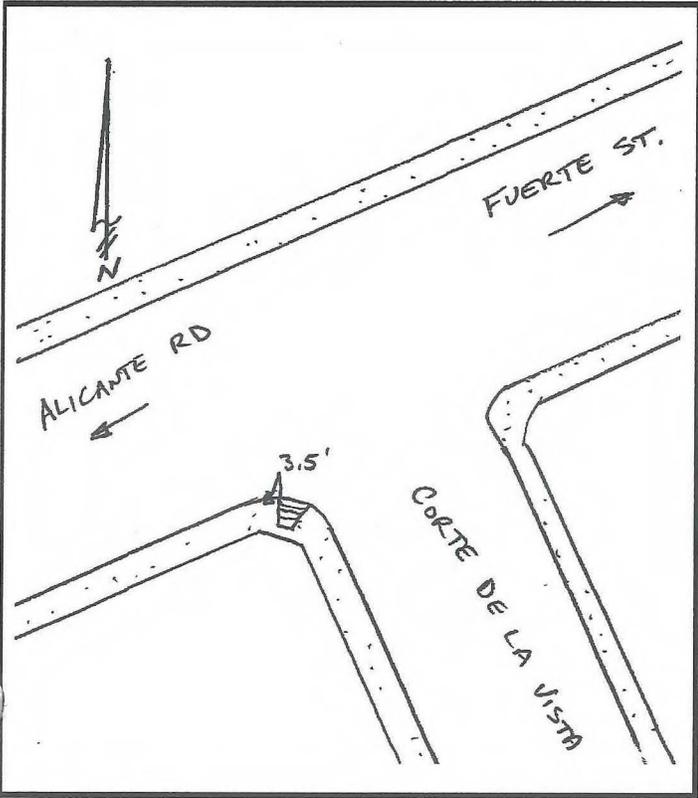
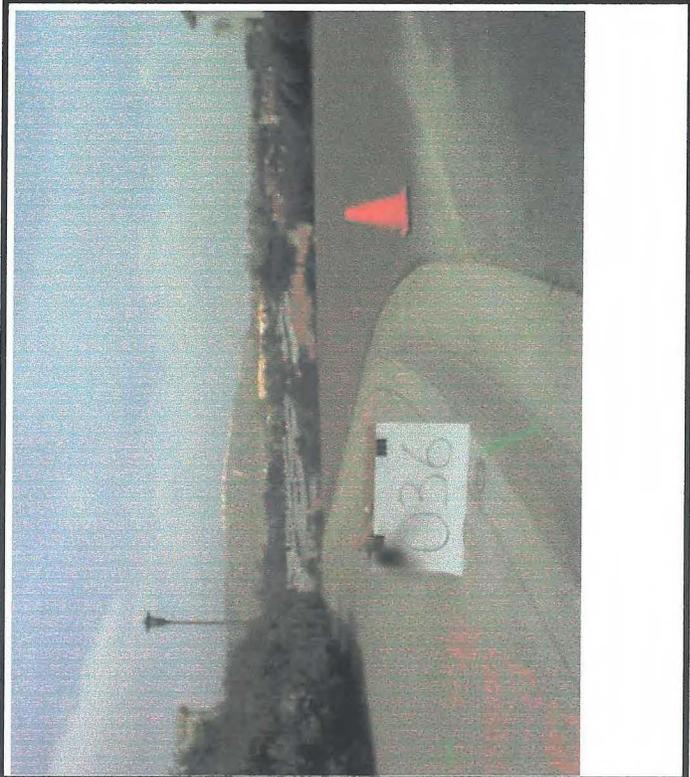
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'38.965948"N  
Longitude: 117°15'06.699753"W  
Ellipsoid Height: 21.477  
Northing: 1979359.157  
Easting: 6254835.252  
NGVD29 Elevation: 133.948  
Combined Scale Factor: 0.99996182  
Convergence: -0°33'01.940"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE CURB RETURN AT THE SOUTH CORNER OF ALICANTE RD. AND CORTE DE LA VISTA, 3.5 FT. WEST OF THE HANDICAP RAMP.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 37 Station Name: CLSB-037

**Monument Description:**

SET WELL MONUMENT AT BULB OF ARENAL RD. 500' EAST OF EL CAMINO REAL. MONUMENT IS OFFSET TO CENTER ALONG THE PROLONGATION OF THE

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

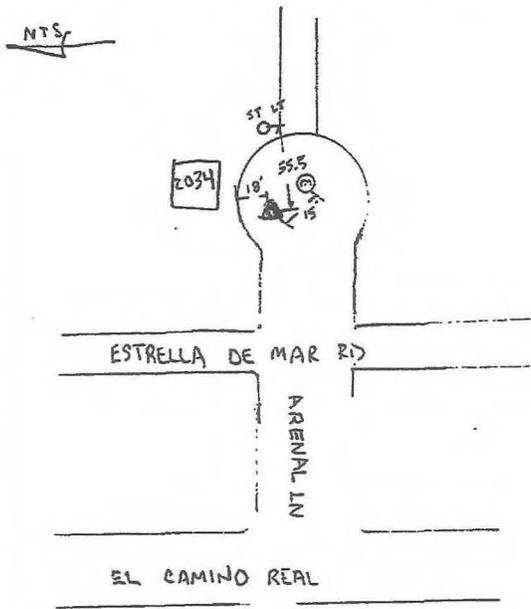
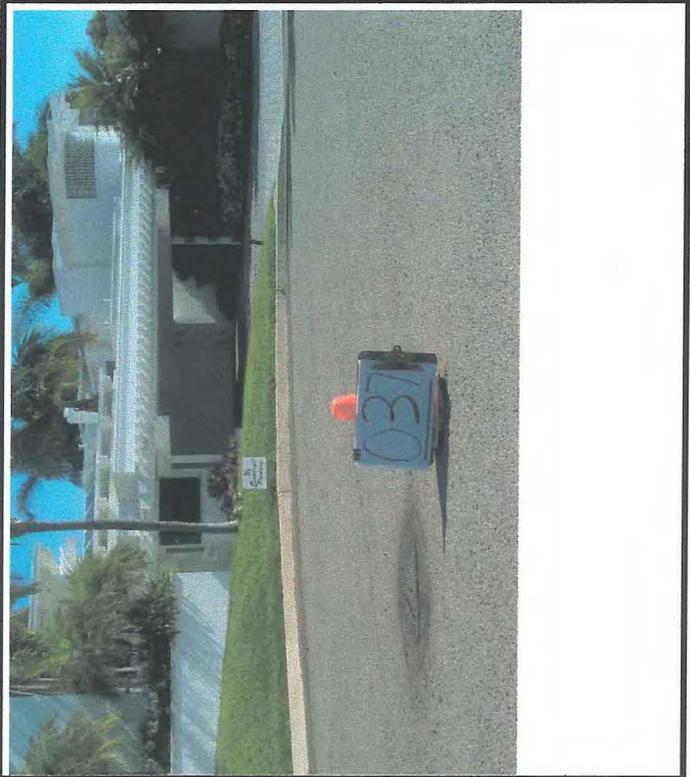
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'40.203567"N  
Longitude: 117°15'57.308953"W  
Ellipsoid Height: -40.061  
Northing: 1979525.898  
Easting: 6250531.136  
NGVD29 Elevation: 72.682  
Combined Scale Factor 0.99996474  
Convergence: -0°33'29.750"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF EL CAMINO REAL AND ARENAL LN. GO EAST ON ARENAL LN. 550 FT. TO A BULB CUL-DE-SAC. POINT IS IN FRONT OF 2034 ARENAL LN. 18 FT. FROM CURB, 15 FT. NW. OF A MANHOLE AND 55.5 FT. FROM A STREET LIGHT.

**Monument Sketch:**



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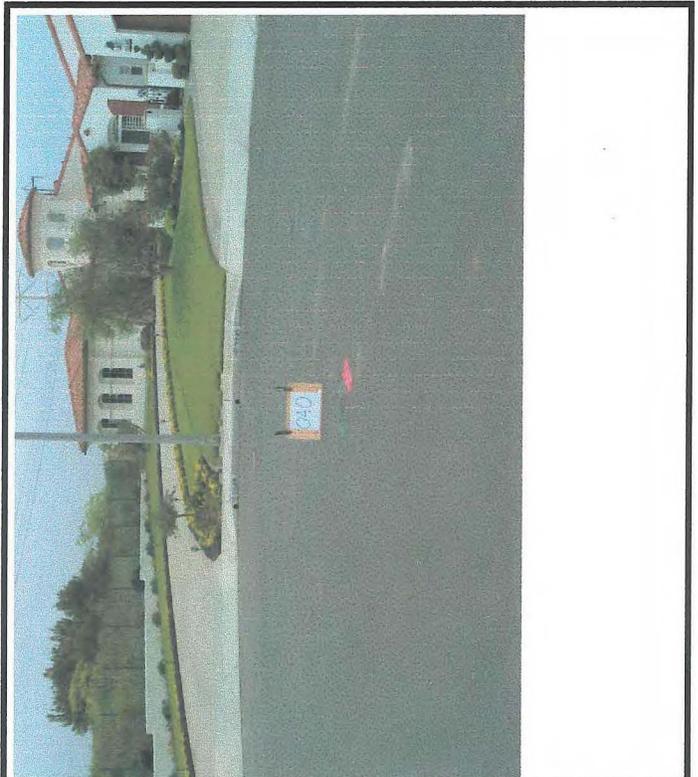
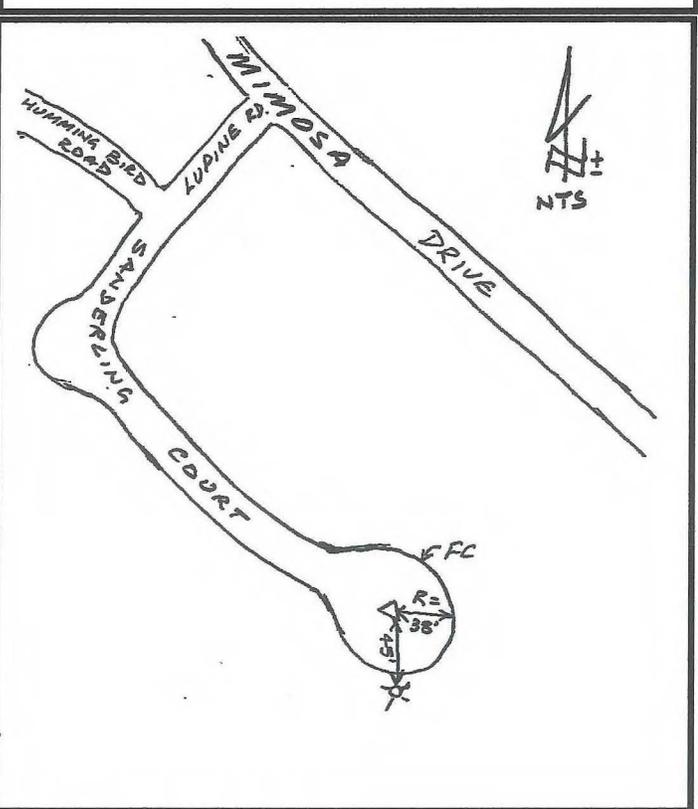
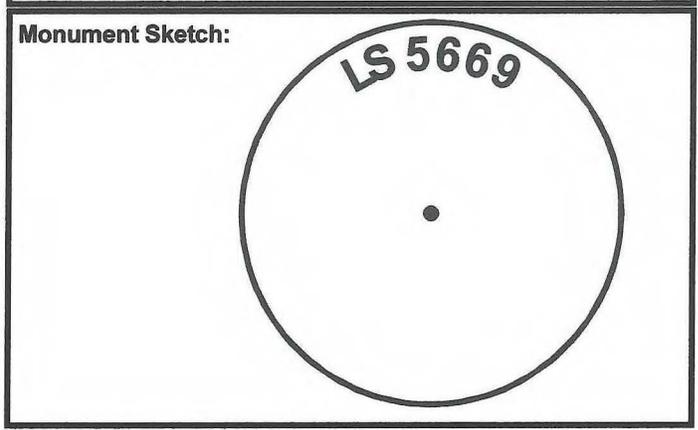
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Point Number: 40      Station Name: CLSB-040  
Monument Description:  
WELL MONUMENT MARKED L.S. 5669 IN THE CENTER  
OF BULB CUL-DE-SAC AT THE EAST END OF  
SANDERLING CT.  
Established By:      HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                      33°5'44.712319"N  
Longitude:                    117°16'22.645346"W  
Ellipsoid Height:            -33.383  
Northing:                    1980002.648  
Easting:                     6248380.245  
NGVD29 Elevation:        79.484  
Combined Scale Factor    0.99996433  
Convergence:               -0°33'43.673"  
Horizontal Order:          FIRST

Monument "To Reach" Description:  
MONUMENT IS IN THE CENTER OF BULB CUL-DE-SAC  
AT THE EAST END OF SANDERLING CT. SOUTHEAST  
OF LUPINE RD. AND 45 FT. NORTH OF A STREET LIGHT.



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Point Number: 42 Station Name: CLSB-042

**Monument Description:**

WELL MONUMENT MARKED RCE 27214 AT THE SOUTH END OF GABBIANO LANE, OFFSET TO CENTER OF BULB CUL-DE-SAC.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

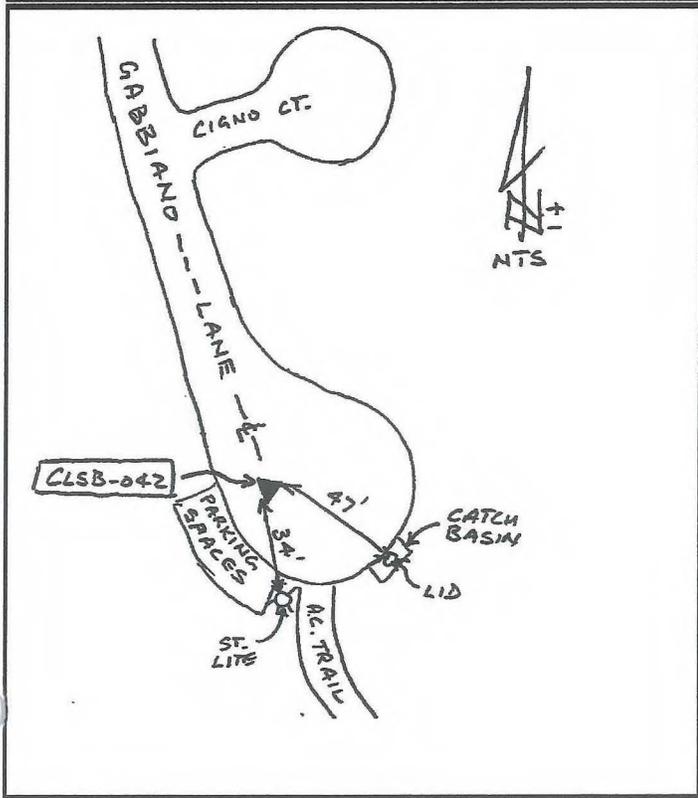
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'37.467785"N  
Longitude: 117°18'04.847912"W  
Ellipsoid Height: -97.828  
Northing: 1979356.967  
Easting: 6239678.645  
NGVD29 Elevation: 15.616  
Combined Scale Factor 0.99996756  
Convergence: -0°34'39.835"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS AT THE SOUTH END OF GABBIANO LANE, OFFSET TO CENTER OF BULB CUL-DE-SAC, 0.25 MI. SOUTH OF BATIQUITOS DR., 34 FT. NORTHERLY OF A STREET LIGHT AND 47 FT. NORTHWESTERLY OF A MANHOLE IN A DRAINAGE BOX INLET.

**Monument Sketch:**



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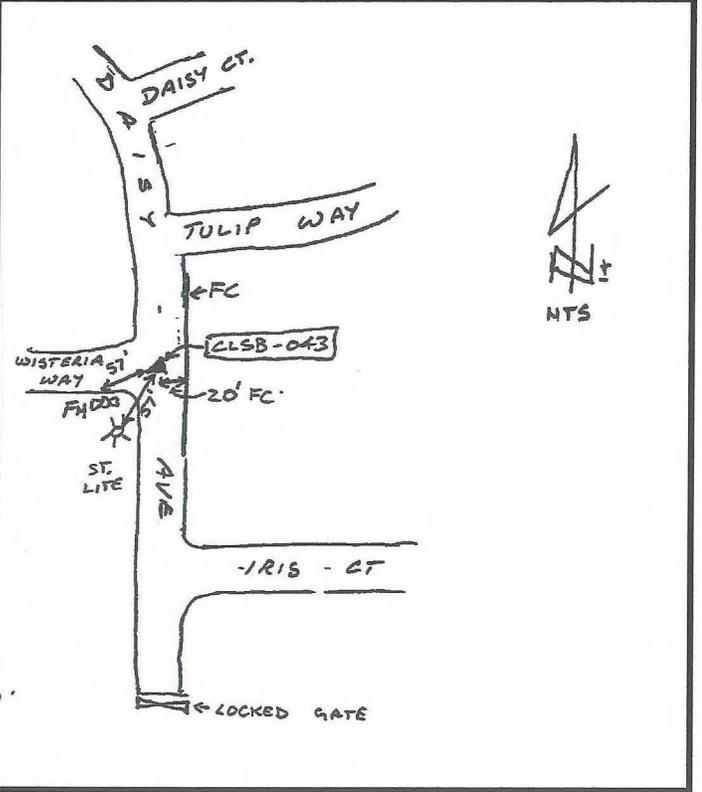
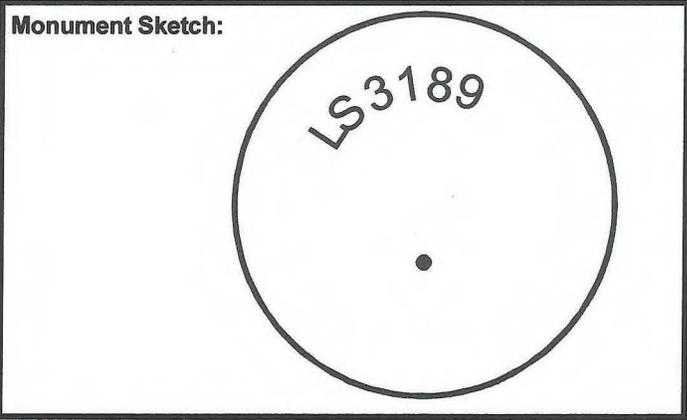
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Point Number: 43      Station Name: CLSB-043  
Monument Description:  
WELL MONUMENT MARKED L.S. 3189 AT THE  
INTERSECTION OF DAISY AVENUE AND WISTERIA WAY.  
Established By:      HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°6'00.759127"N  
Longitude:                117°17'51.178010"W  
Ellipsoid Height:        105.782  
Northing:                 1981699.193  
Easting:                  6240865.199  
NGVD29 Elevation:      219.076  
Combined Scale Factor   0.99995735  
Convergence:            -0°34'32.323"  
Horizontal Order:        FIRST

Monument "To Reach" Description:  
MONUMENT IS AT THE INTERSECTION OF DAISY AVENUE AND WISTERIA WAY, 20 FT. WESTERLY OF CURB, 57 FT. NORTHEASTERLY OF A STREET LIGHT AND 57 FT. NORTHEASTERLY OF A FIRE HYDRANT.



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Phone (760) 434-2808  
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Point Number: 44 Station Name: CLSB-044

**Monument Description:**

SET 2.5" DISK ON DRAINAGE BOX INLET AT THE NORTHEAST CORNER OF TOWHEE LANE AND AVIARA PKWY.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

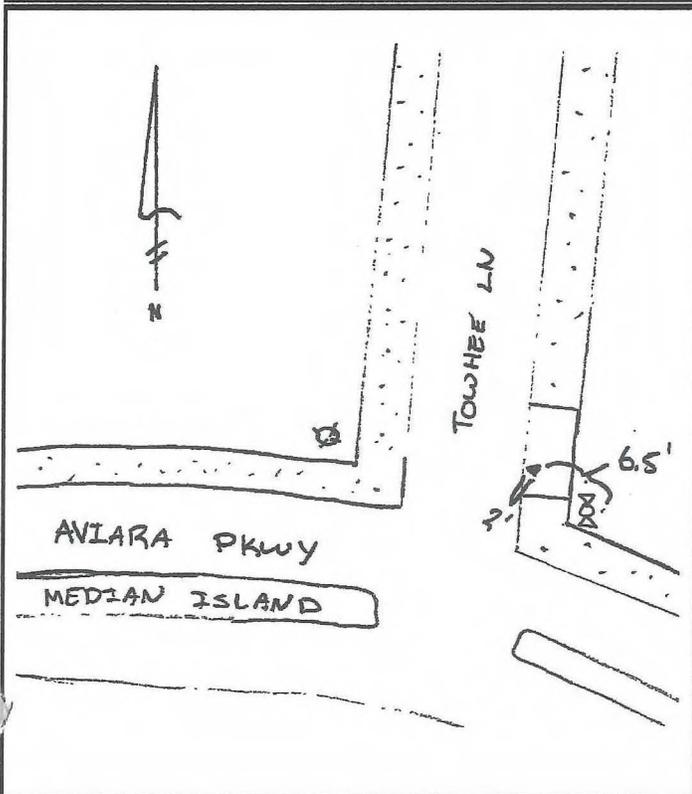
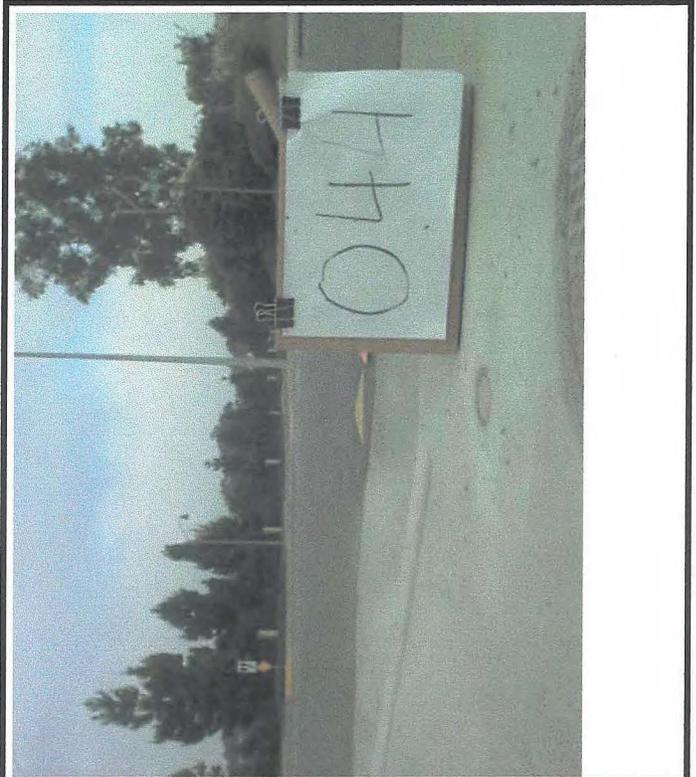
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'22.429530"N  
Longitude: 117°17'25.998456"W  
Ellipsoid Height: 127.174  
Northing: 1983867.857  
Easting: 6243028.933  
NGVD29 Elevation: 240.258  
Combined Scale Factor 0.99995591  
Convergence: -0°34'18.487"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS ON DRAINAGE BOX INLET AT THE NORTHEAST CORNER OF TOWHEE LANE AND AVIARA PKWY AT THE NORTHERLY CURB RETURN, 2 FT. FROM CURB AND 6.5 FT. WEST OF A FIRE HYDRANT.

**Monument Sketch:**



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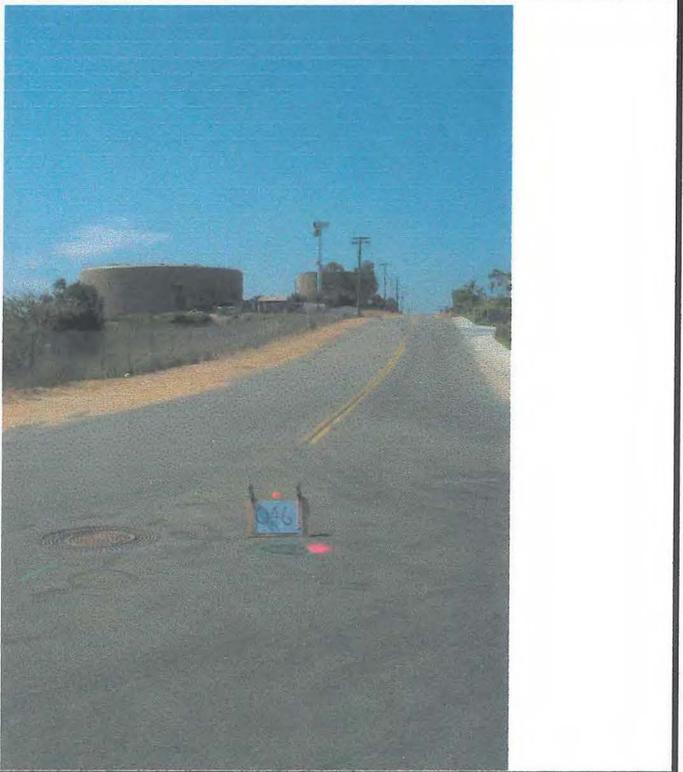
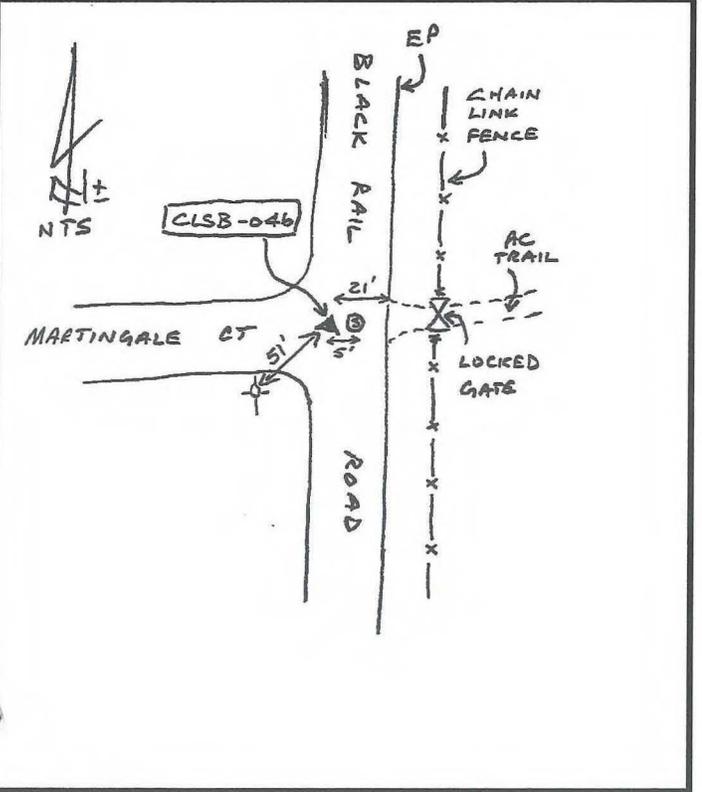
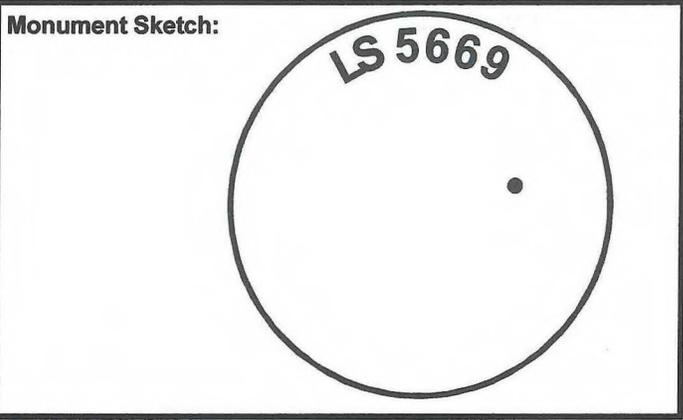
A Public Agency  
1200 Carlsbad Village Drive  
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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 46      Station Name: CLSB-046  
Monument Description:  
WELL MONUMENT MARKED L.S. 5669 AT INTERSECTION  
OF BLACK RAIL RD. AND MARTINGALE CT.  
Established By:      HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                      33°6'53.718473"N  
Longitude:                    117°17'16.258681"W  
Ellipsoid Height:            229.821  
Northing:                     1987021.81  
Easting:                      6243888.86  
NGVD29 Elevation:        342.747  
Combined Scale Factor    0.99995041  
Convergence:                -0°34'13.135"  
Horizontal Order:          FIRST

Monument "To Reach" Description:  
MONUMENT IS AT THE INTERSECTION OF BLACK RAIL  
RD. AND MARTINGALE CT. 21 FT. WESTERLY OF THE  
EASTERLY EDGE OF PAVEMENT OF BLACK RAIL RD., 5  
FT. WEST OF A SEWER MANHOLE AND 51 FT  
NORTHEASTERLY OF A STREET LIGHT.



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 47 Station Name: CLSB-047

**Monument Description:**

WELL MONUMENT MARKED L.S. 5059 AT THE INTERSECTION OF LEMON LEAF DR. AND VERONICA CT.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

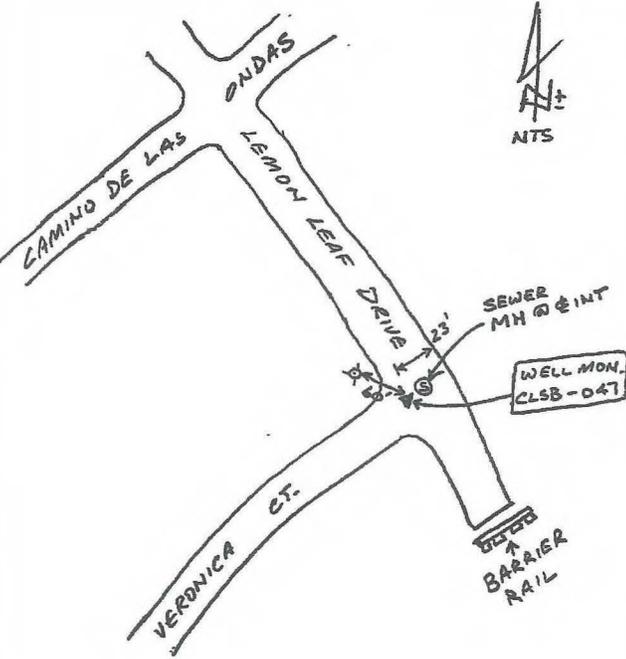
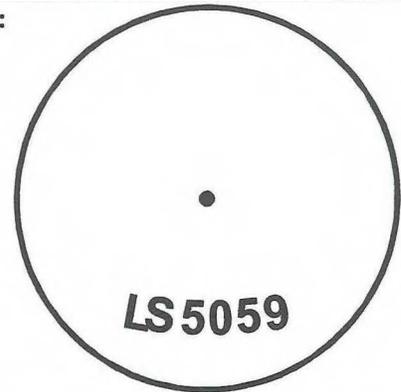
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'42.565128"N  
Longitude: 117°17'49.105125"W  
Ellipsoid Height: 184.195  
Northing: 1985922.532  
Easting: 6241083.953  
NGVD29 Elevation: 297.338  
Combined Scale Factor 0.9999528  
Convergence: -0°34'31.184"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS AT THE INTERSECTION OF LEMON LEAF DR. AND VERONICA CT., OFFSET 5 FT. SOUTHWESTERLY ALONG VERONICA CT. FROM A SEWER MANHOLE AT THE INTERSECTION, 23 FT. SOUTHWESTERLY OF THE NORTHEASTERLY CURB, AND 60 FT. EASTERLY OF A STREET LIGHT.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 49 Station Name: CLSB-049

**Monument Description:**

SET 2.5" DISK IN CURB, SOUTHWEST CORNER  
BAUTIQUITOS DR. AND LAUREL WOOD STREET.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'25.399126"N

Longitude: 117°18'13.745917"W

Ellipsoid Height: 47.085

Northing: 1984208.77

Easting: 6238970.65

NGVD29 Elevation: 160.421

Combined Scale Factor 0.99995968

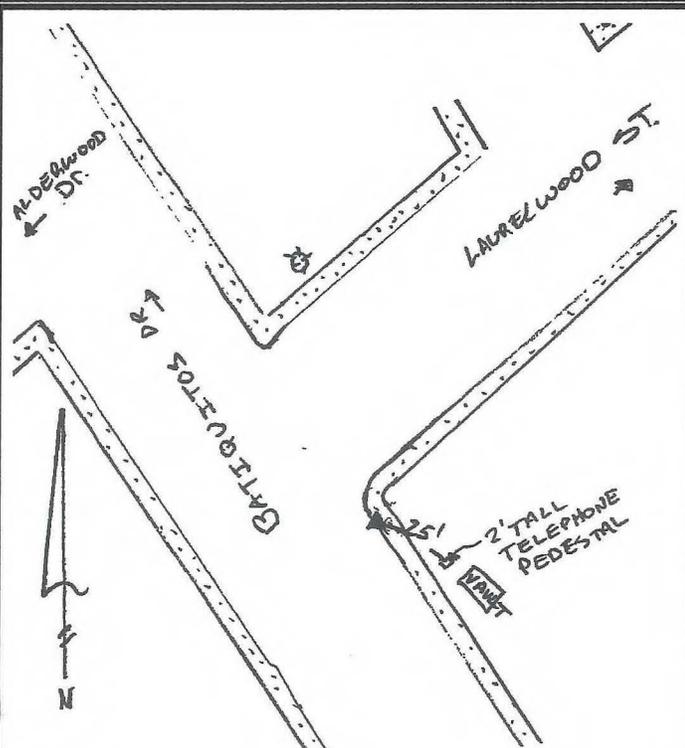
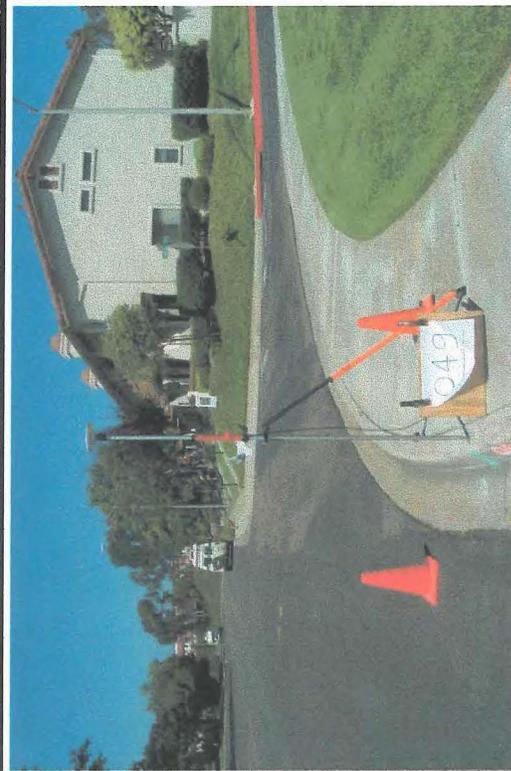
Convergence: -0°34'44.725"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN CURB AT THE SOUTHERLY RETURN  
OF THE SOUTHWEST CORNER OF BAUTIQUITOS DR.  
AND LAUREL WOOD STREET, AND 25 FT. NORTHWEST  
OF A 2 FT. TALL TELEPHONE PEDESTAL.

**Monument Sketch:**



**HUNSAKER & ASSOCIATES**  
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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 50 Station Name: CLSB-050

**Monument Description:**

WELL MONUMENT IN THE CENTER OF BULB CUL-DE-SAC AT THE NORTH END OF CARNATION DR. NORTH OF SUNFLOWER LANE.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'33.932088"N

Longitude: 117°18'30.452240"W

Ellipsoid Height: 50.003

Northing: 1985085.546

Easting: 6237558.409

NGVD29 Elevation: 163.405

Combined Scale Factor 0.99995938

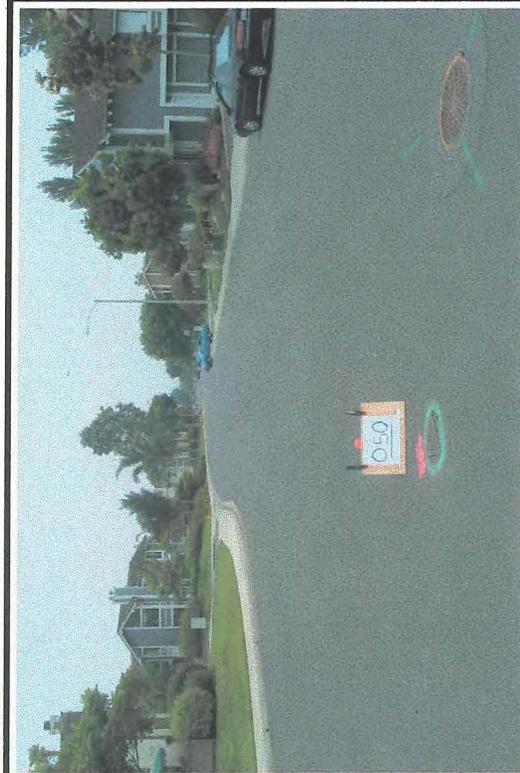
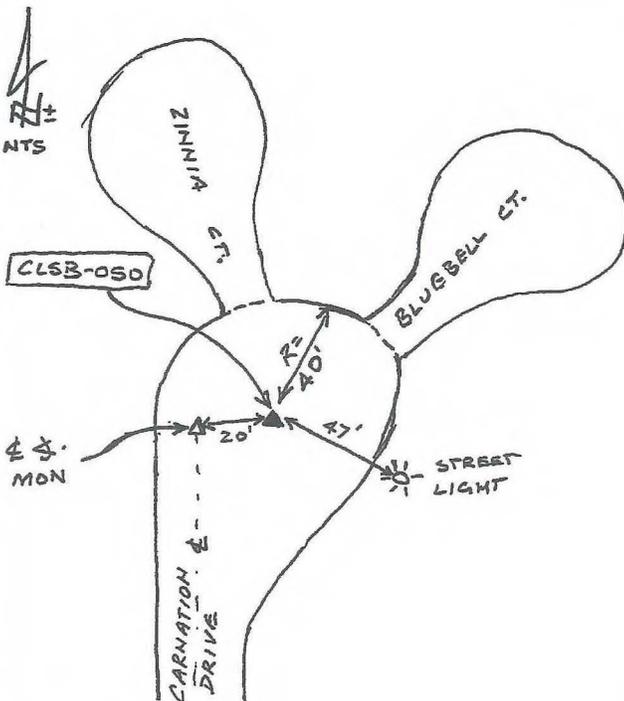
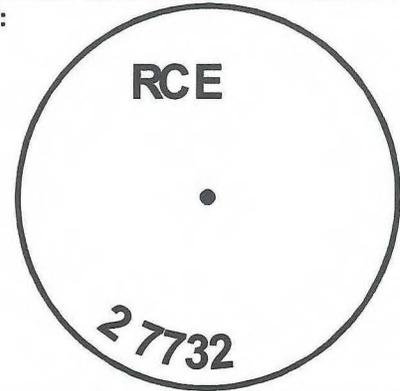
Convergence: -0°34'53.905"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE CENTER OF BULB CUL-DE-SAC AT THE NORTH END OF CARNATION DR. NORTH OF SUNFLOWER LANE.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

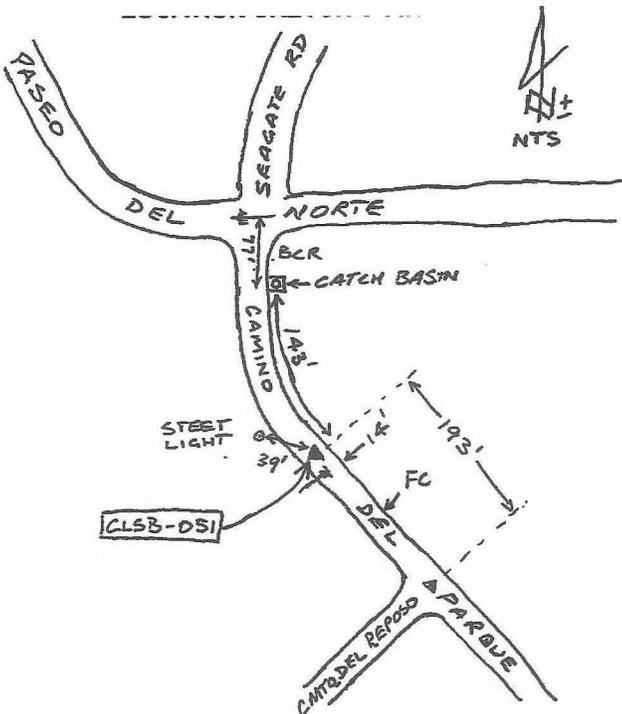
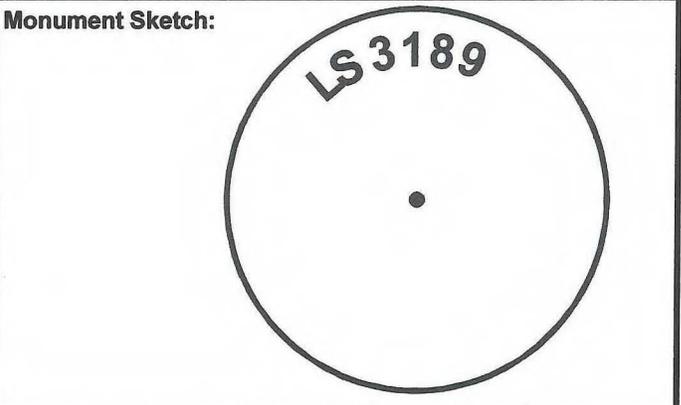
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 51      Station Name: CLSB-051  
Monument Description:  
WELL MONUMENT AT THE END OF CURVE OF CAMINO DEL PARQUE, 220' SOUTH OF THE WESTERLY INTERSECTION WITH PASEO DEL NORTE  
Established By:              HUNSAKER & ASSOCIATES SAN DIEGO, INC.  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                      33°6'56.836186"N  
Longitude:                    117°18'55.568050"W  
Ellipsoid Height:            -41.297  
Northing:                     1987422.099  
Easting:                      6235445.835  
NGVD29 Elevation:         72.171  
Combined Scale Factor: 0.99996333  
Convergence:                -0°35'07.707"  
Horizontal Order:            FIRST

Monument "To Reach" Description:  
FROM THE INTERSECTION OF PASEO DEL NORTE, SEAGATE RD. AND CAMINO DEL PARQUE GO SOUTH 220 FT. ON CAMINO DEL PARQUE TO THE END OF A CURVE TO THE LEFT AND THE MONUMENT IN THE RD. MONUMENT IS 193 FT. NORTHWEST OF CAMINITO DEL REPOSO, 14 FT. FROM THE NORTHEASTERLY CURB OF CAMINO DEL PARQUE AND 39 FT. SOUTHEASTERLY OF A STREET LIGHT.



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A Public Agency  
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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 52 Station Name: CLSB-052

**Monument Description:**

SET 2.5" DISK IN PUBLIC WALK 5'X5' FROM RIGHT ANGLE CORNER IN WALL POPOUT, WEST SIDE OF ARMADA DR. 200' SOUTH OF WHERE WALK DIVERGES

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

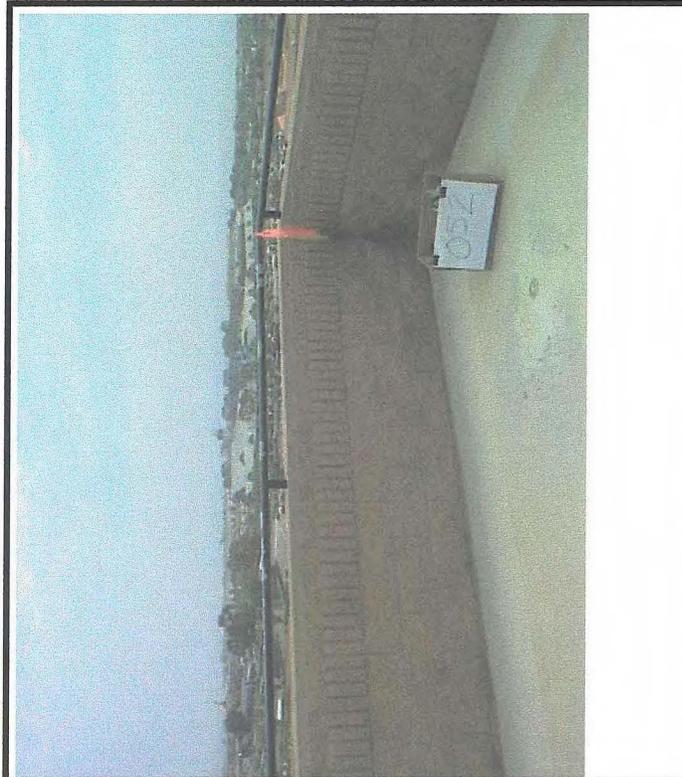
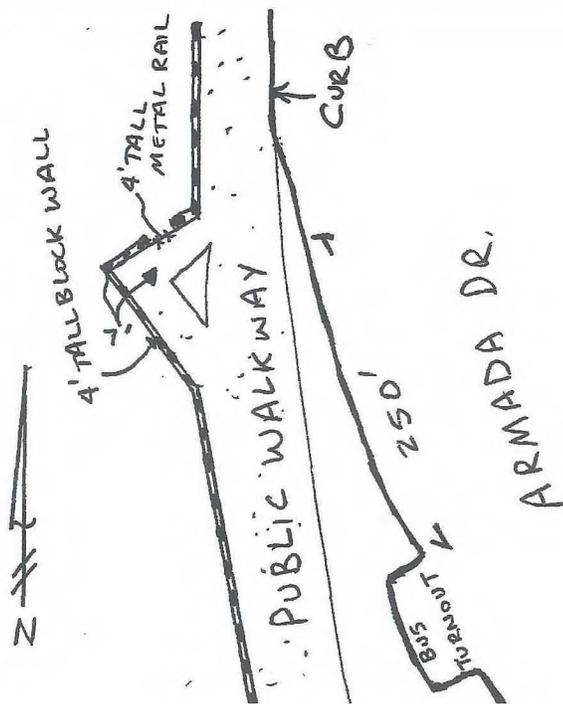
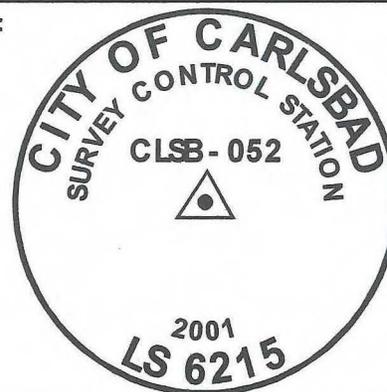
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'33.632734"N  
Longitude: 117°19'02.092557"W  
Ellipsoid Height: 47.474  
Northing: 1991146.608  
Easting: 6234928.995  
NGVD29 Elevation: 160.853  
Combined Scale Factor: 0.99995842  
Convergence: -0°35'11.292"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS 0.2 MI. NORTHWEST OF THE SOUTHERLY INTERSECTION OF FLEET STREET. IN PUBLIC WALK 5'X5' FROM RIGHT ANGLE CORNER IN WALL POPOUT, WEST SIDE OF ARMADA DR. 200' SOUTH OF WHERE WALK DIVERGES FROM ROAD AND 250 FT. NORTHWESTERLY OF A BUS TURNOUT.

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 53 Station Name: CLSB-053

**Monument Description:**

SET 2.5" DISK IN NORTHWEST CORNER OF VAULT ON THE WEST SIDE OF HIDDEN VALLEY RD. 0.1 MI. SOUTH OF PALOMAR AIRPORT RD.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'18.081767"N

Longitude: 117°18'22.212111"W

Ellipsoid Height: -30.465

Northing: 1989540.414

Easting: 6238304.47

NGVD29 Elevation: 82.744

Combined Scale Factor: 0.99996242

Convergence: -0°34'49.377"

Horizontal Order: FIRST

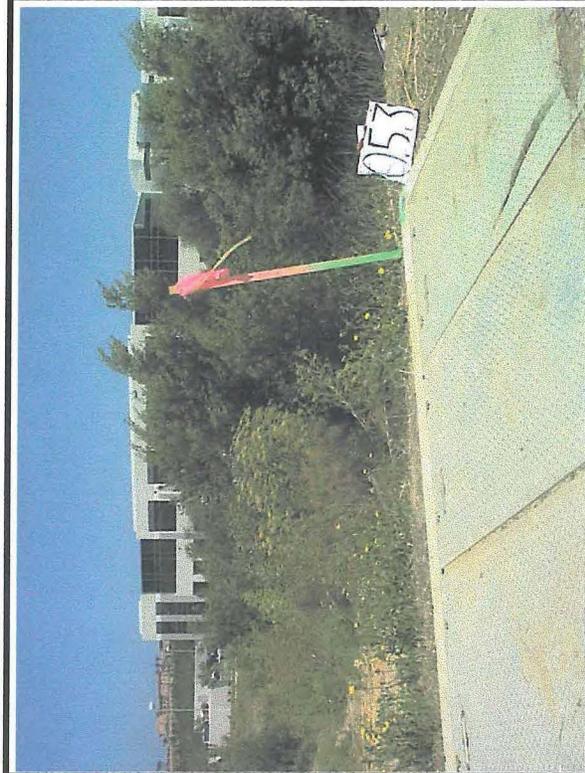
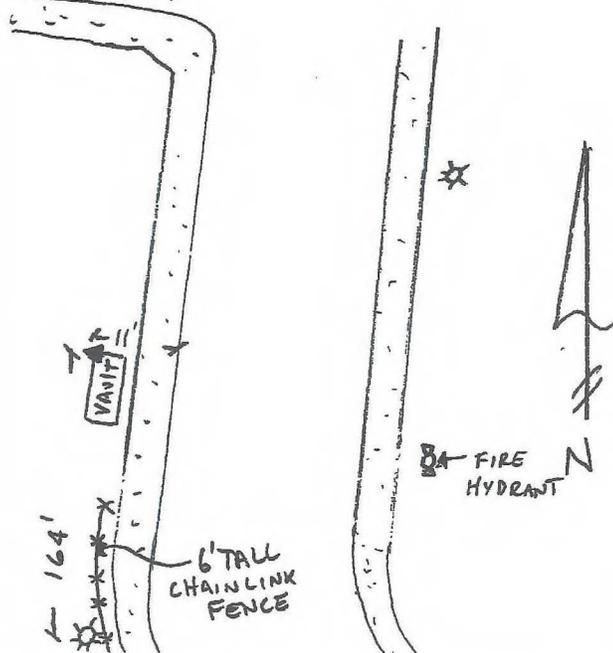
**Monument "To Reach" Description:**

MONUMENT IS IN THE NORTHWEST CORNER OF VAULT ON THE WEST SIDE OF HIDDEN VALLEY RD. 0.1 MI. SOUTH OF PALOMAR AIRPORT RD., 11 FT. WEST OF THE WESTERLY CURB OF HIDDEN VALLEY RD. AND 164 FT. NORTH OF A STREET LIGHT.

**Monument Sketch:**



**BUSINESS LOCATION SKETCH & FIELD TIES**



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Phone (760) 434-2808  
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Point Number: 54 Station Name: CLSB-054

**Monument Description:**

FD. WELL MONUMENT IN THE CENTER OF BULB AT THE NORTH END OF HIDDEN VALLEY RD. OPPOSITE ENTRANCE TO WATER TANK.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

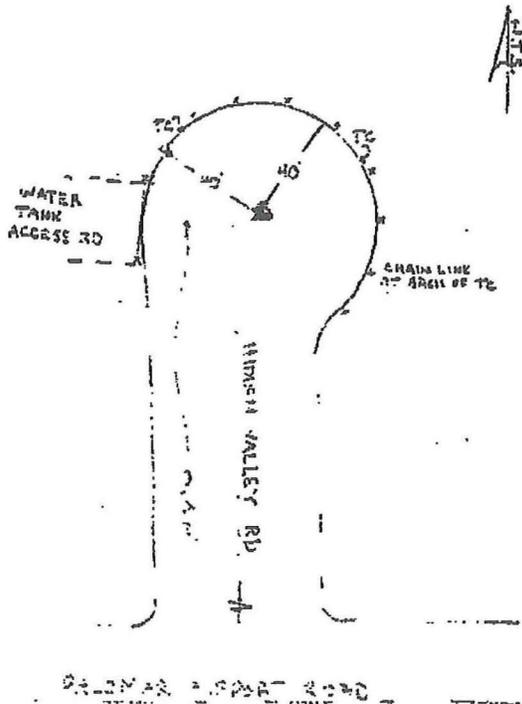
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee

Latitude: 33°7'46.974556"N  
Longitude: 117°18'24.976487"W  
Ellipsoid Height: 125.794  
Northing: 1992462.842  
Easting: 6238098.977  
NGVD29 Elevation: 238.921  
Combined Scale Factor: 0.99995444  
Convergence: -0°34'50.896"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS 0.4 MI. NORTHERLY OF PALOMAR AIRPORT RD. IN THE CENTER OF BULB AT THE NORTH END OF HIDDEN VALLEY RD. OPPOSITE ENTRANCE TO WATER TANK.

**Monument Sketch:**



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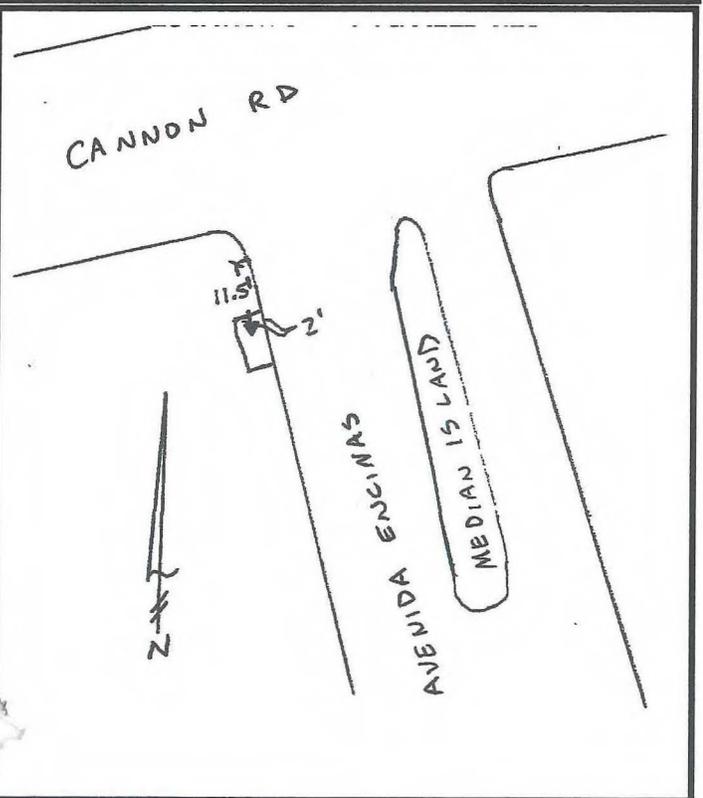
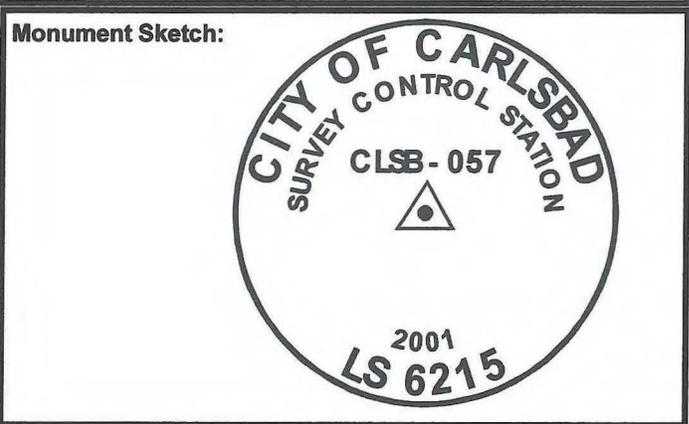
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Phone (760) 434-2808  
Fax (760) 720-6917

**Point Number:** 57      **Station Name:** CLSB-057  
**Monument Description:**  
SET 2.5" DISK IN DRAINAGE BOX INLET IN THE  
SOUTHWEST QUADRANT OF AVENIDA ENCINAS AND  
CANNON RD.  
**Established By:**            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
**Date Established:**            5/18/2001

**Datum:** CCS 83, 1991.35 Epoch, U.S. Survey Fe  
**Latitude:**                    33°8'01.382826"N  
**Longitude:**                 117°19'51.581976"W  
**Ellipsoid Height:**         -69.546  
**Northing:**                    1993994.52  
**Easting:**                     6230749.55  
**NGVD29 Elevation:**       44.01  
**Combined Scale Factor:** 0.99996354  
**Convergence:**              -0°35'38.488"  
**Horizontal Order:**         FIRST

**Monument "To Reach" Description:**  
MONUMENT IS ON THE WEST SIDE OF AVENIDA  
ENCINAS IN A DRAINAGE BOX INLET, 11.5 FT.  
FROM THE SOUTH END OF THE CURB RETURN AND 2 FT.  
FROM CURB.



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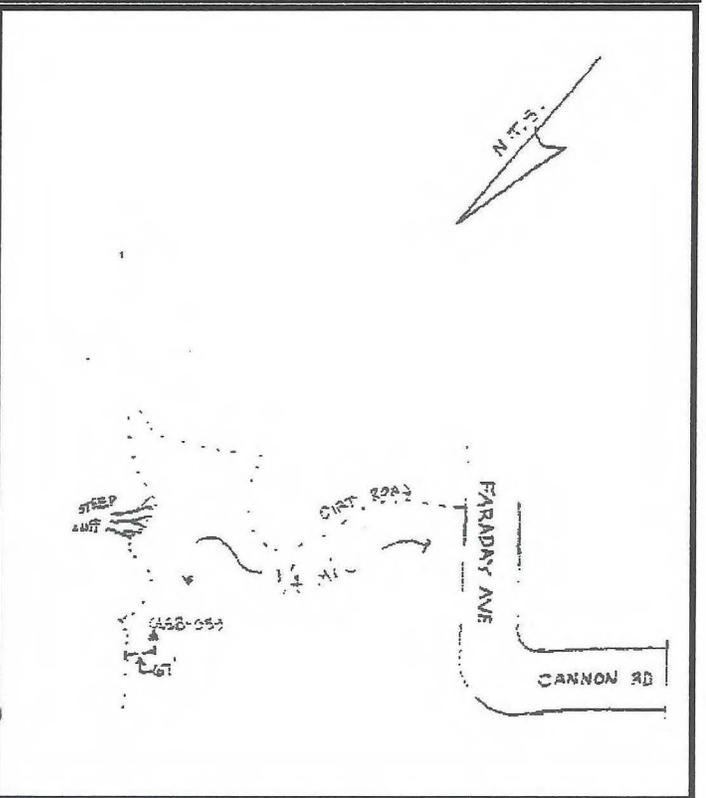
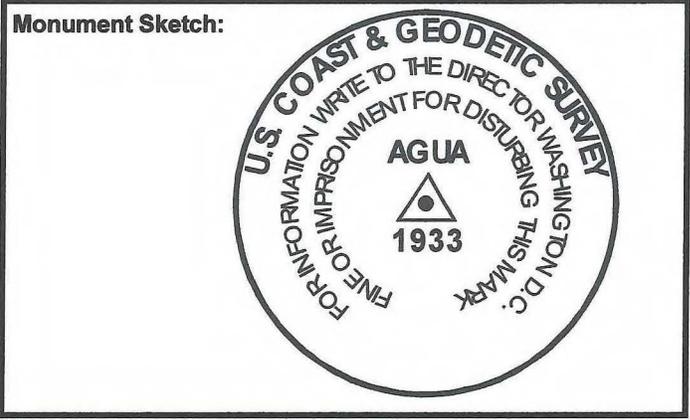
A Public Agency  
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**Point Number:** 59      **Station Name:** AGUA  
**Monument Description:**  
FD. 3" DISK ON CONCRETE POST, 0.5 FEET ABOVE SURFACE ON RIDGE BETWEEN CANNON RD. AND FARADAY AVE. 1 MI. SOUTHWEST OF EL CAMINO REAL.  
**Established By:** UNITED STATES COAST AND GEODETIC SURVEY  
**Date Established:**

**Datum:** CCS 83, 1991.35 Epoch, U.S. Survey Fe  
**Latitude:** 33°8'23.531131"N  
**Longitude:** 117°17'52.462519"W  
**Ellipsoid Height:** 240.901  
**Northing:** 1996129.524  
**Easting:** 6240900.948  
**NGVD29 Elevation:** 353.723  
**Combined Scale Factor:** 0.99994832  
**Convergence:** -0°34'33.029"  
**Horizontal Order:** FIRST

**Monument "To Reach" Description:**  
FROM THE INTERSECTION OF CANNON RD AND FARADAY AVE GO SOUTH ON FARADAY AVE 400 FT. TO A DIRT ROAD ON THE LEFT, TURN LEFT, GO EAST ON DIRT ROAD UP HILL 0.2MI. TO RIDGE, GO NORTH ALONG RIDGE 1/4 MI. TO MONUMENT ON THE LEFT. MONUMENT IS ON THE WEST RIM, 67 FT. WESTERLY OF DIRT RD.



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

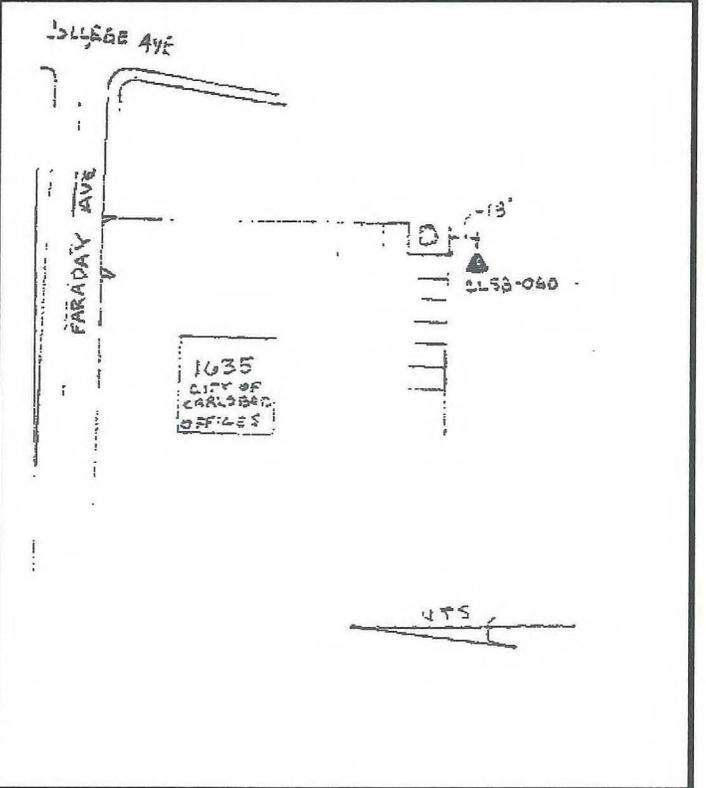
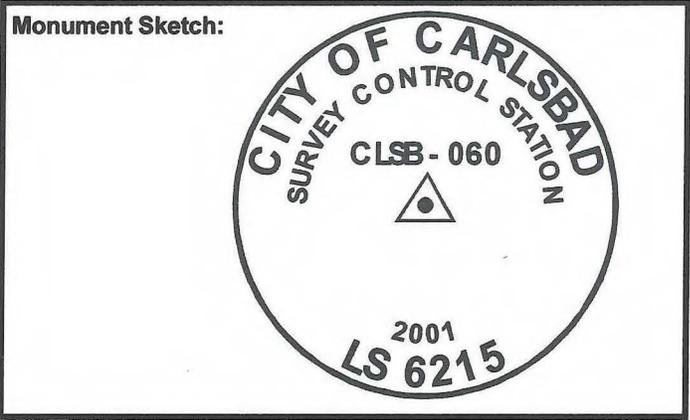
A Public Agency  
1200 Carlsbad Village Drive  
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Phone (760) 434-2808  
Fax (760) 720-6917

**Point Number:** 60      **Station Name:** CLSB-060  
**Monument Description:**  
SET 2" IRON PIPE AND DISK IN CONCRETE COLLAR 15'  
SOUTHERLY OF THE SOUTHEAST CORNER OF CITY OF  
CARLSBAD OFFICES PARKING LOT AT 1635 FARADAY  
**Established By:**            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
**Date Established:**            5/18/2001

**Datum:** CCS 83, 1991.35 Epoch, U.S. Survey Fe  
**Latitude:**                    33°8'14.901465"N  
**Longitude:**                 117°17'35.548371"W  
**Ellipsoid Height:**         131.922  
**Northing:**                  1995242.941  
**Easting:**                    6242330.362  
**NGVD29 Elevation:**      244.68  
**Combined Scale Factor:** 0.99995368  
**Convergence:**             -0°34'23.735"  
**Horizontal Order:**         FIRST

**Monument "To Reach" Description:**  
FROM THE INTERSECTION OF FARADAY AVE. AND  
COLLEGE AVE. GO WESTERLY ON FARADAY AVE. 0.6  
MI. TO THE CITY OF CARLSBAD OFFICES AT 1635  
FARADAY AVE. ON THE LEFT. TURN LEFT, GO SOUTH  
INTO DRIVEWAY AND CONTINUE TO THE SOUTH END  
OF PARKING LOT AND THE MONUMENT. MONUMENT IS  
18 FT. SOUTH OF THE MOST SOUTHERLY ANGLE POINT  
IN CURB.



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Phone (760) 434-2808  
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Point Number: 61 Station Name: CLSB-061

**Monument Description:**

WELL MONUMENT IN CENTER OF BULB CUL-DE-SAC AT THE NORTH END OF RUTHERFORD RD. 300 FT. NORTH OF FARADAY AVE.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

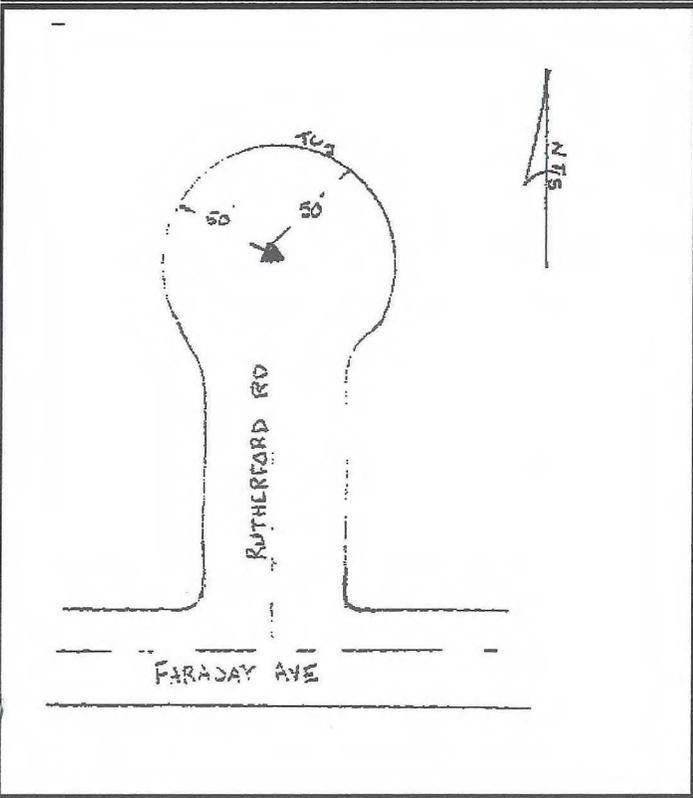
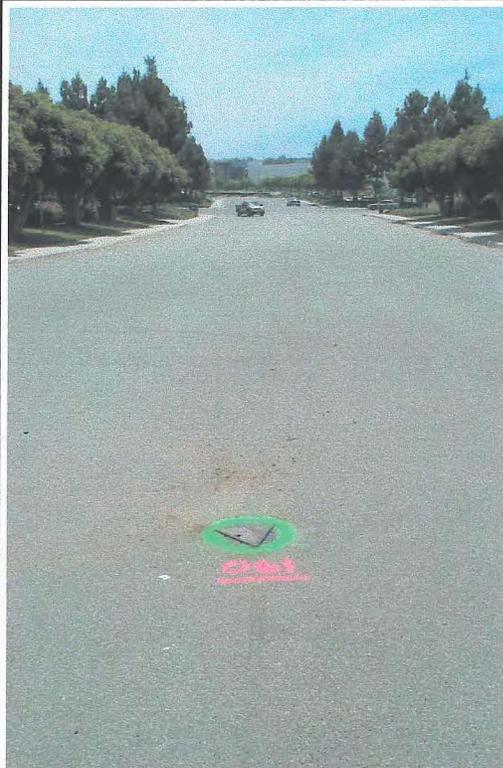
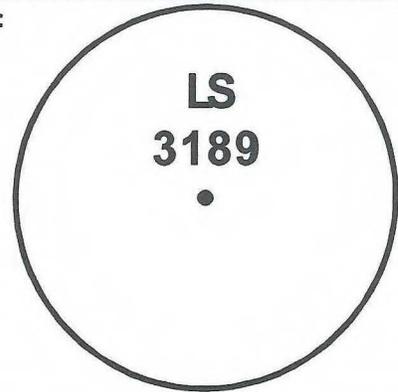
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°8'07.426153"N  
Longitude: 117°17'01.671786"W  
Ellipsoid Height: 148.891  
Northing: 1994458.754  
Easting: 6245203.331  
NGVD29 Elevation: 261.489  
Combined Scale Factor: 0.99995299  
Convergence: -0°34'05.119"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN CENTER OF BULB CUL-DE-SAC AT THE NORTH END OF RUTHERFORD RD. 300 FT. NORTH OF FARADAY AVE.

**Monument Sketch:**



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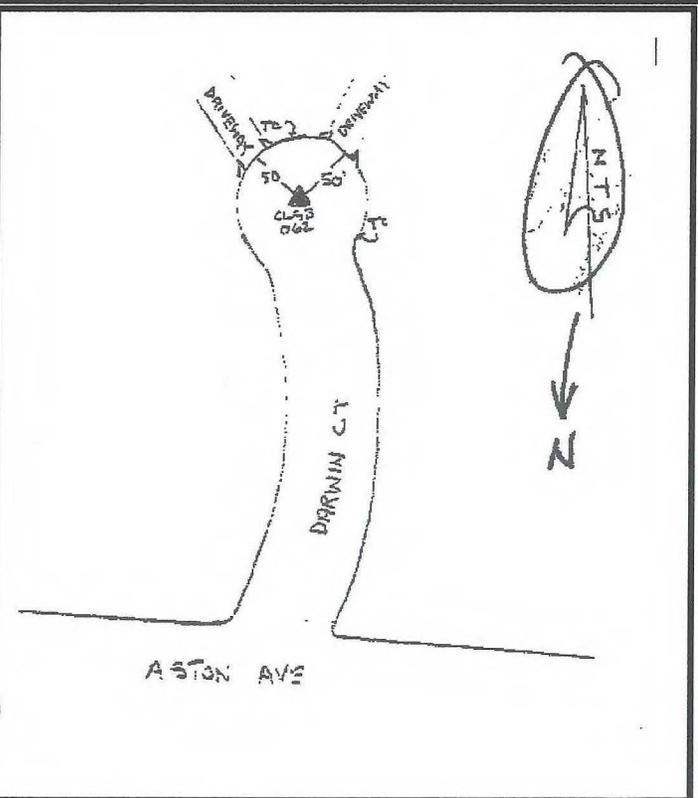
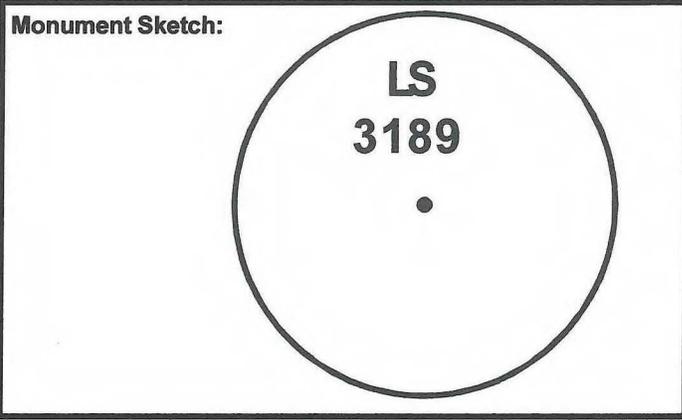
A Public Agency  
1200 Carlsbad Village Drive  
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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 62      Station Name: CLSB-062  
Monument Description:  
WELL MONUMENT CENTER OF BULB CUL-DE-SAC AT  
SOUTHEASTERLY END OF DARWIN COURT.  
Established By:      HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:      5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:              33°7'48.658697"N  
Longitude:            117°17'07.107762"W  
Ellipsoid Height:    190.214  
Northing:             1992566.602  
Easting:              6244722.282  
NGVD29 Elevation:   302.904  
Combined Scale Factor: 0.99995133  
Convergence:        -0°34'08.106"  
Horizontal Order:    FIRST

Monument "To Reach" Description:  
MONUMENT IS IN CENTER OF BULB CUL-DE-SAC AT  
SOUTHEASTERLY END OF DARWIN COURT. SOUTH OF  
ASTON AVE.



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Phone (760) 434-2808  
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Point Number: 63 Station Name: CLSB-063

**Monument Description:**

SET 2.5" DISK IN WESTERLY CORNER OF DRAINAGE BOX INLET ON THE NORTHWEST SIDE OF COLLEGE BLVD. 0.4 MI. SOUTH OF ASTON AVENUE AT TOE OF

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

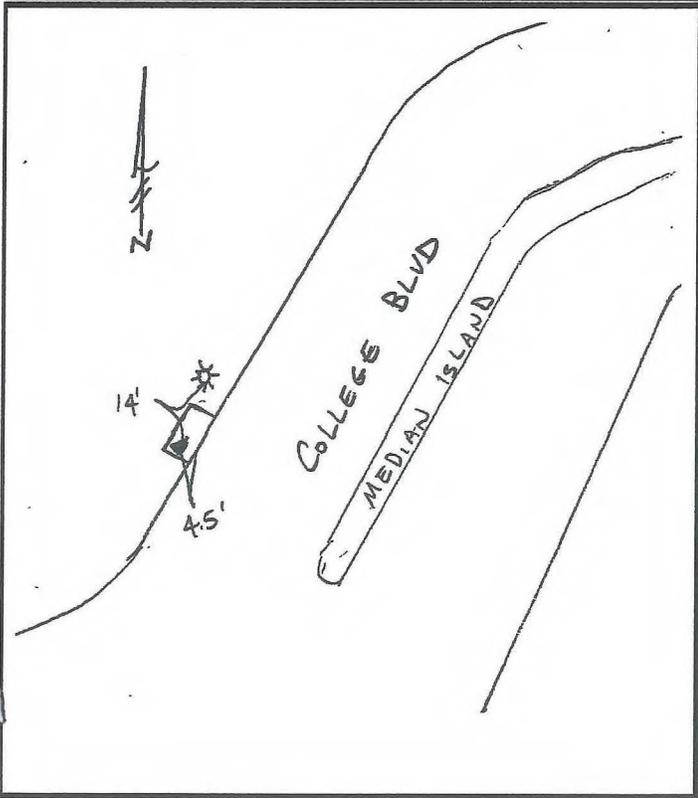
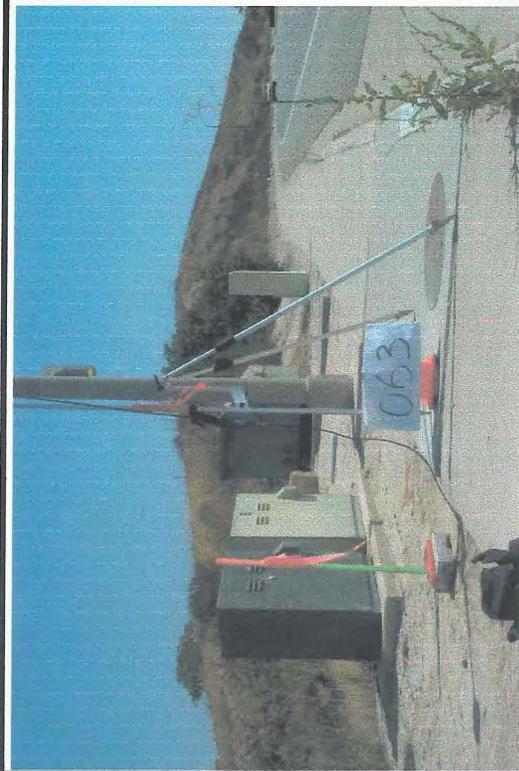
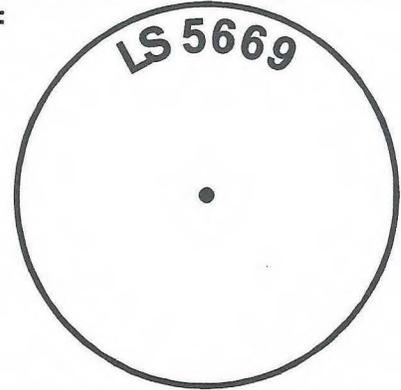
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'44.389601"N  
Longitude: 117°17'46.159526"W  
Ellipsoid Height: 125.789  
Northing: 1992168.299  
Easting: 6241397.178  
NGVD29 Elevation: 238.709  
Combined Scale Factor: 0.99995448  
Convergence: -0°34'29.566"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN WESTERLY CORNER OF DRAINAGE BOX INLET ON THE NORTHWEST SIDE OF COLLEGE BLVD. 0.4 MI. SOUTH OF ASTON AVENUE AT TOE OF CUT SLOPE, 4.5 FT. FROM CURB AND 14 FT. SOUTH OF A STREET LIGHT.

**Monument Sketch:**



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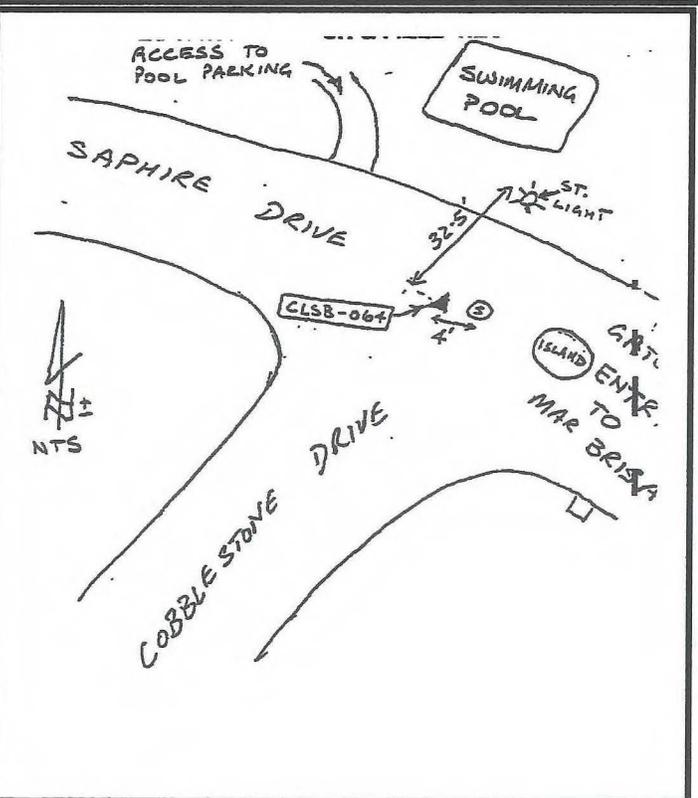
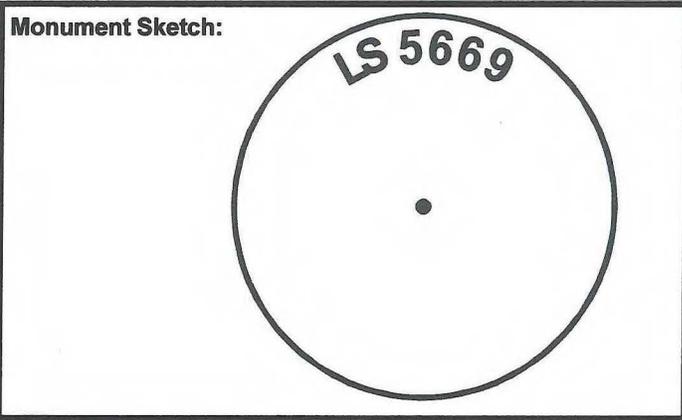
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 64      Station Name: CLSB-064  
Monument Description:  
WELL MONUMENT MARKED L.S. 5669 AT  
INTERSECTION OF COBLESTONE RD. AND SAPHIRE DR.  
Established By:      HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                      33°7'13.457376"N  
Longitude:                    117°17'44.317951"W  
Ellipsoid Height:            125.947  
Northing:                    1989040.565  
Easting:                      6241522.427  
NGVD29 Elevation:        238.959  
Combined Scale Factor: 0.99995502  
Convergence:                -0°34'28.554"  
Horizontal Order:            FIRST

Monument "To Reach" Description:  
MONUMENT IS AT THE INTERSECTION OF  
COBLESTONE RD. AND SAPHIRE DR., 4 FT. WESTERLY  
OF A SEWER MANHOLE AND 32.5 FT. SOUTHERLY OF A  
STREET LIGHT.



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 65 Station Name: CLSB-065

**Monument Description:**

SET 2.5" DISK IN SOUTHWEST CORNER OF SDG&E VAULT SOUTH SIDE OF CAMINO VIDA ROBLES AND 300' EAST OF WESTERLY INTERSECTION WITH KELLOGG

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

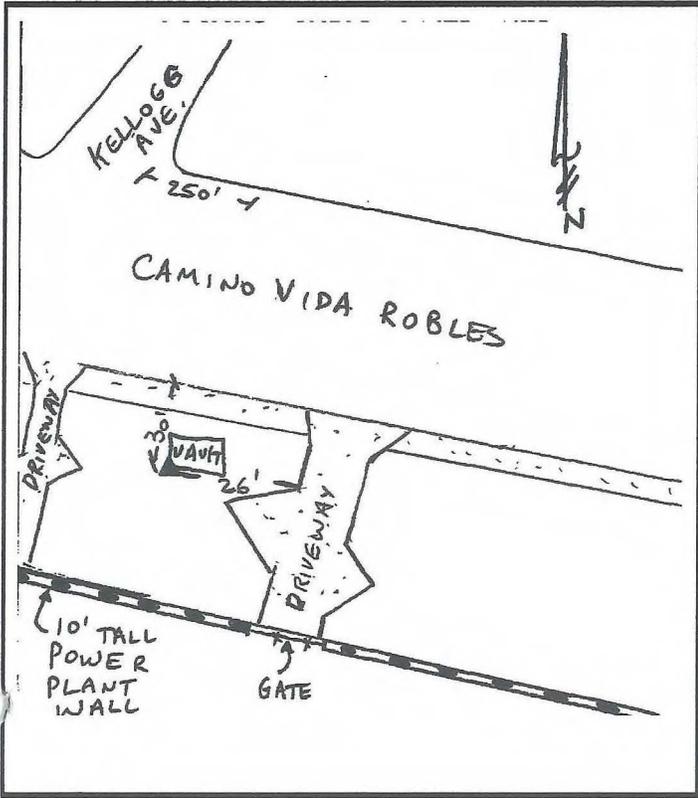
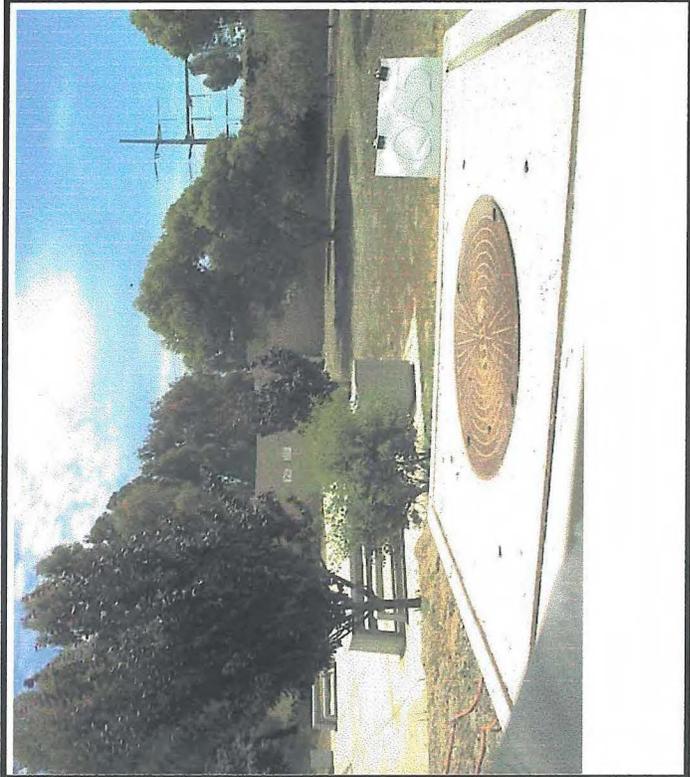
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'23.747631"N  
Longitude: 117°17'14.397989"W  
Ellipsoid Height: 128.486  
Northing: 1990055.127  
Easting: 6244077.307  
NGVD29 Elevation: 241.301  
Combined Scale Factor: 0.99995472  
Convergence: -0°34'12.112"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS ON THE SOUTH SIDE OF CAMINO VIDA ROBLES, 250 FT. EAST OF THE WESTERLY INTERSECTION WITH KELLOGG AVE. 30 FT. SOUTH OF CURB AND 26 FT. WEST OF EASTERLY DRIVEWAY TO POWER PLANT.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 66 Station Name: CLSB-066

**Monument Description:**

WELL MONUMENT IN CENTER OF BULB CUL-DE-SAC AT EAST END OF OWENS AVE.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'23.893897"N

Longitude: 117°16'46.640841"W

Ellipsoid Height: 162.416

Northing: 1990046.512

Easting: 6246437.973

NGVD29 Elevation: 275.076

Combined Scale Factor: 0.99995309

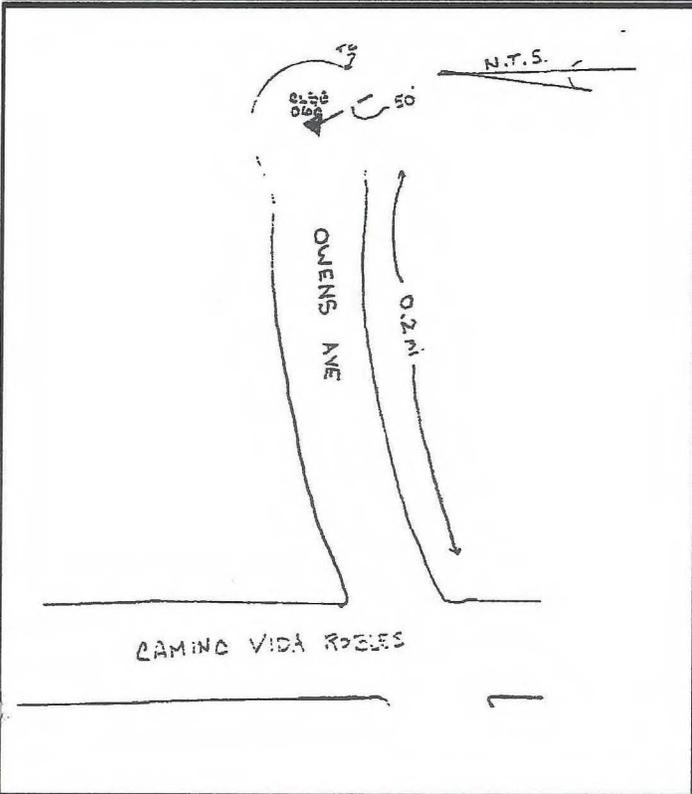
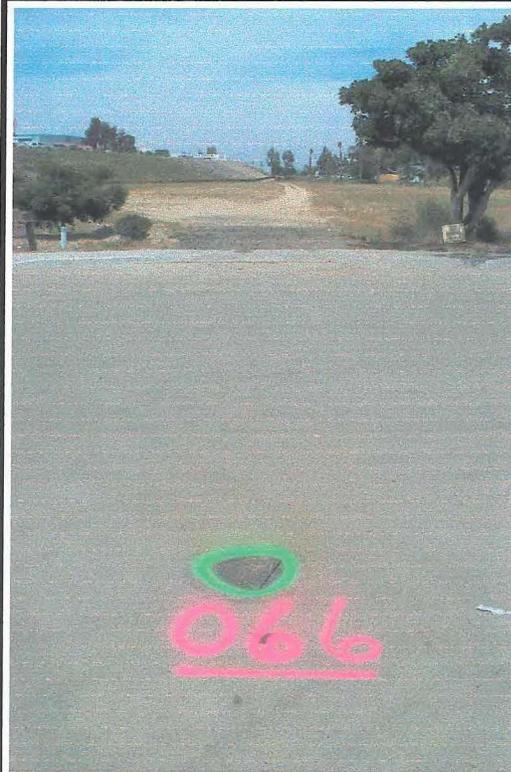
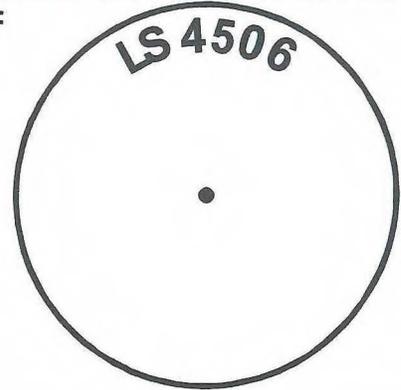
Convergence: -0°33'56.859"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

WELL MONUMENT IN CENTER OF BULB CUL-DE-SAC AT EAST END OF OWENS AVE., 0.2 MI. EAST OF CAMINO VIDA ROBLES.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 67 Station Name: CLSB-067

**Monument Description:**

SET 2.5" DISK IN DRAINAGE BOX INLET, 50 FEET  
NORTHEST OF THE INTERSECTION OF CORTE DE LAS  
PINA AND COSMOS COURT ON WEST SIDE OF SERVICE

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'23.142014"N

Longitude: 117°16'15.696547"W

Ellipsoid Height: 124.306

Northing: 1989944.643

Easting: 6249068.788

NGVD29 Elevation: 236.803

Combined Scale Factor: 0.99995493

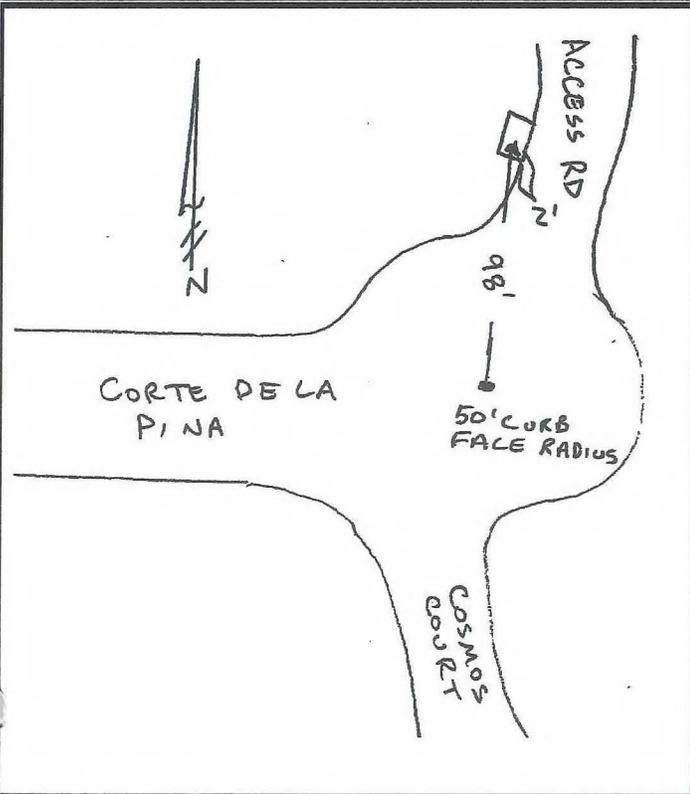
Convergence: -0°33'39.855"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF CORTE DE LAS PINA AND  
COSMOS COURT GO NORTHERLY 50 FT. ALONG A  
SERVICE RD. TO THE POINT ON THE LEFT. POINT IS  
ON THE WEST SIDE OF SERVICE ROAD IN A DRAINAGE  
BOX, 2 FT. WESTERLY OF CURB AND 98 FT. FROM THE  
CENTER OF CUL-DE-SAC.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 69 Station Name: CLSB-069

**Monument Description:**

SET 2 1/2" DISK IN CURB AT THE SOUTHWEST CORNER OF EL CAMINO REAL AND POINSETTIA LANE, 235 FT. FROM THE CENTER OF EL CAMINO REAL..

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

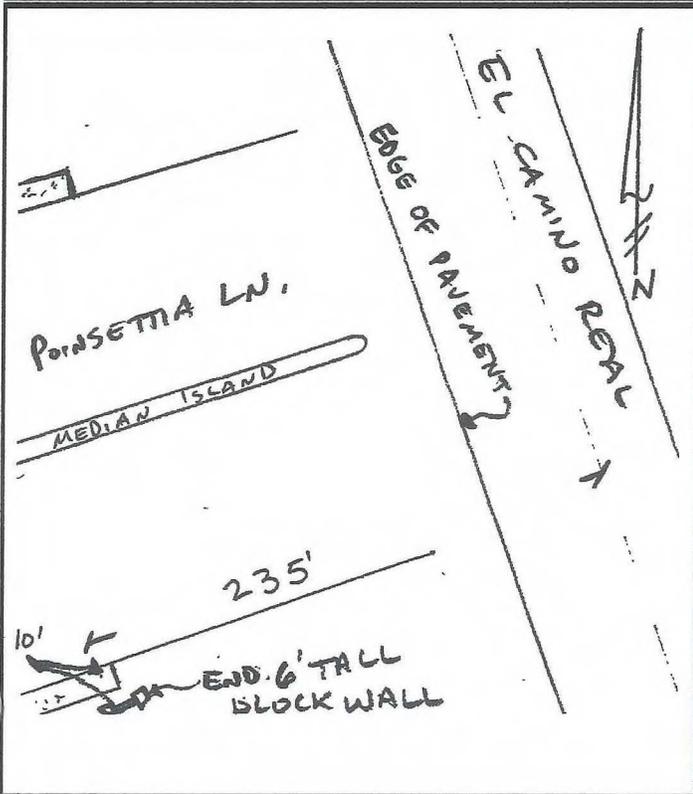
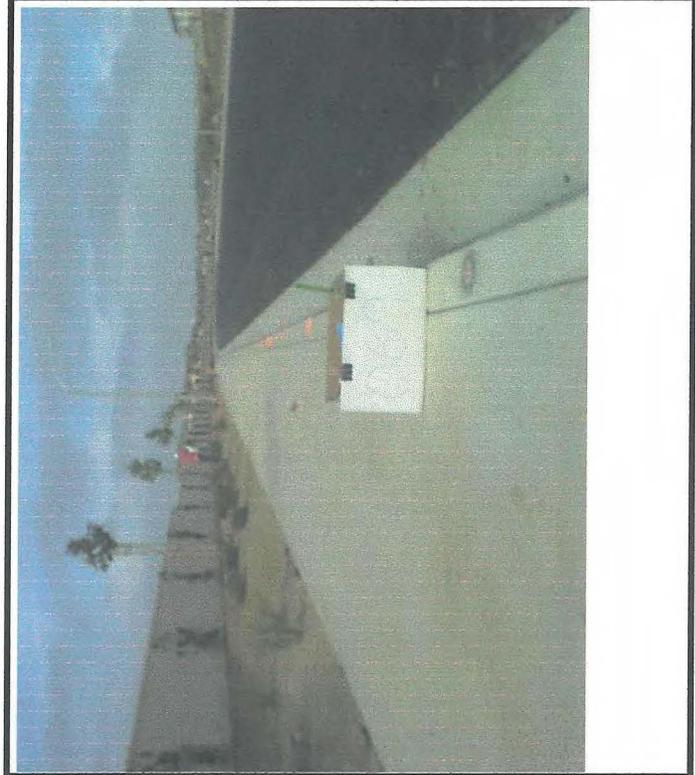
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'32.762521"N  
Longitude: 117°16'13.469057"W  
Ellipsoid Height: 159.802  
Northing: 1984851.187  
Easting: 6249208.385  
NGVD29 Elevation: 272.456  
Combined Scale Factor: 0.99995415  
Convergence: -0°33'38.631"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE SOUTH CURB OF POINSETTIA LANE, 235 FT. WEST OF THE CENTER OF EL CAMINO REAL AND 10 FT. NORTH OF THE EAST END OF A 6 FT. TALL BLOCK WALL.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 70 Station Name: CLSB-070

**Monument Description:**

SET 2" IRON PIPE AND DISK IN CONCRETE COLLAR 47 FT. EAST OF EDGE OF PAVEMENT OF EL CAMINO REAL AND 355 FT. SOUTH OF THE INTERSECTION WITH

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

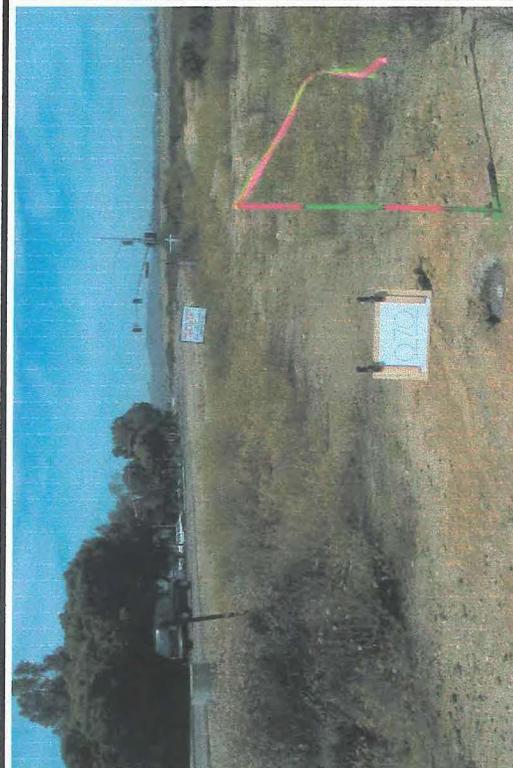
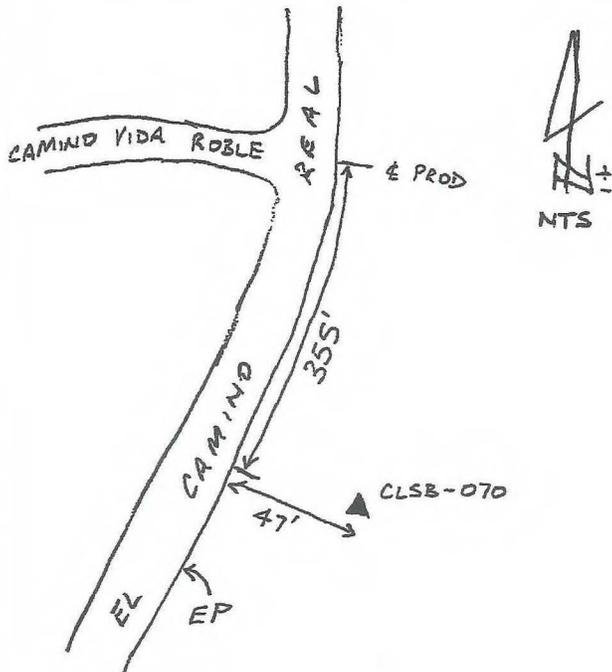
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'07.905341"N  
Longitude: 117°16'03.093308"W  
Ellipsoid Height: 205.378  
Northing: 1988394.272  
Easting: 6250125.563  
NGVD29 Elevation: 317.858  
Combined Scale Factor: 0.99995132  
Convergence: -0°33'32.929"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS 47 FT. EAST OF EDGE OF PAVEMENT OF EL CAMINO REAL AND 355 FT. SOUTH ALONG THE EASTERLY EDGE PAVEMENT OF THE INTERSECTION WITH CAMINO VIDA ROBLE.

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 73 Station Name: VWD 3073

**Monument Description:**

FD. 2" DISK IN CONCRETE IN THE MIDDLE OF THE NORTHWEST RIGHT TURN ISLAND AT BUSINESS PARK ROAD AND SAN MARCOS BLVD. IN THE CITY OF VISTA.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee

Latitude: 33°7'53.936124"N  
Longitude: 117°13'42.488420"W  
Ellipsoid Height: 396.076  
Northing: 1992931.94  
Easting: 6262127.145  
NGVD29 Elevation: 507.65  
Combined Scale Factor: 0.99994139  
Convergence: -0°32'15.664"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE MIDDLE OF THE NORTHWEST RIGHT TURN ISLAND AT BUSINESS PARK ROAD AND SAN MARCOS BLVD., 19.1 FT. NORTHERLY OF A LEAD AND DISK MARKED L.S. 5669 IN THE SOUTHERLY CURB OF ISLAND. AND 20.6 FT. EASTERLY OF A LEAD AND DISK MARKED L.S. 5669 IN THE WESTERLY CURB OF ISLAND.

**Monument Sketch:**



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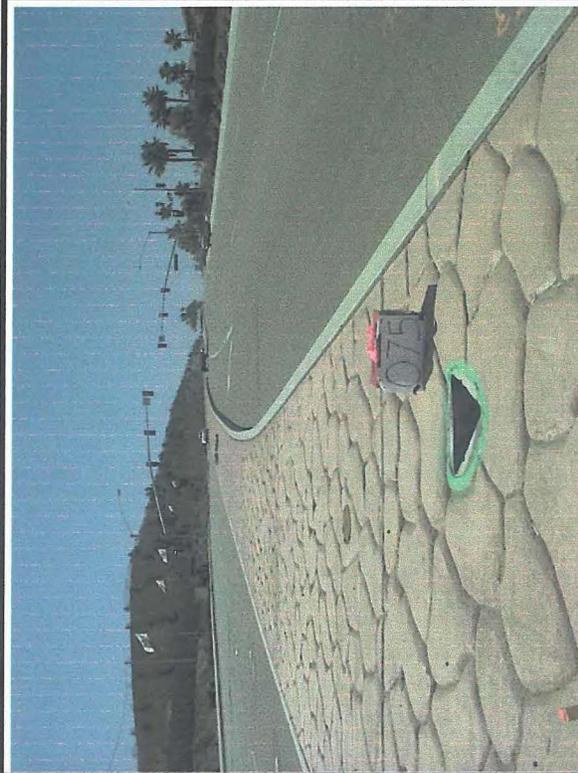
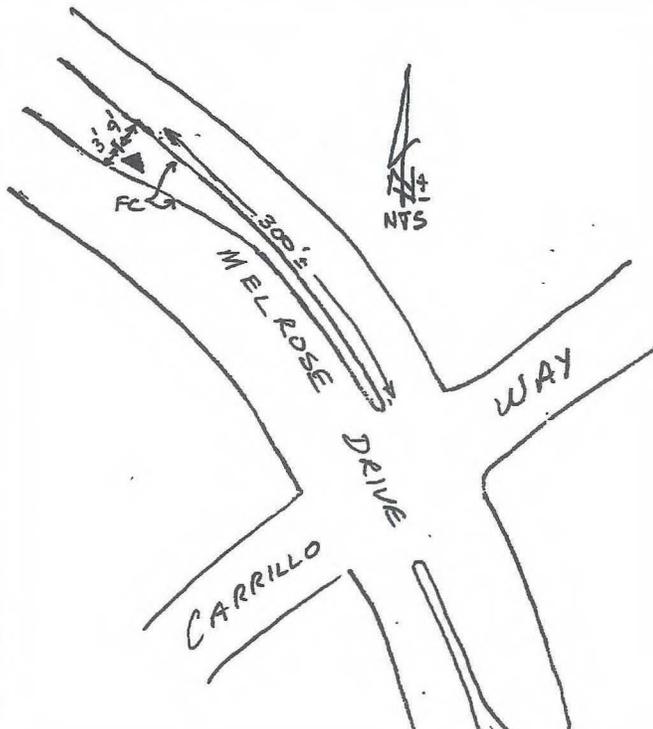
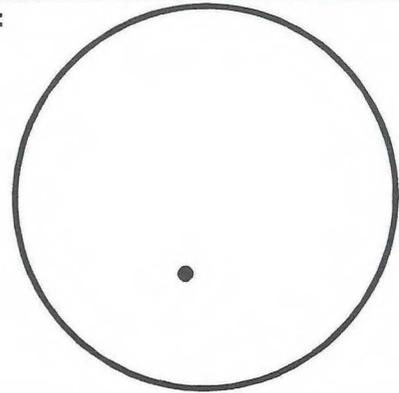
Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 75      Station Name: CLSB-075  
Monument Description:  
WELL MONUMENT IN MEDIAN LEFT TURN ISLAND OF  
MELROSE DRIVE 300 FEET NORTH OF CARRILLO WAY.  
  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
  
Date Established:        5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°7'12.576849"N  
Longitude:                 117°14'05.320763"W  
Ellipsoid Height:         231.556  
Northing:                  1988770.226  
Easting:                    6260146.14  
NGVD29 Elevation:      343.38  
Combined Scale Factor: 0.99994998  
Convergence:             -0°32'28.211"  
Horizontal Order:        FIRST

Monument "To Reach" Description:  
WELL MONUMENT IN MEDIAN LEFT TURN ISLAND OF  
MELROSE DRIVE 300 FEET NORTH OF CARRILLO WAY  
AT AN END OF CURVE OF MELROSE DR. 9 FT.  
SOUTHWESTERLY OF THE NORTHEASTERLY MEDIAN  
CURB OF MELROSE DR.

Monument Sketch:



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Phone (760) 434-2808  
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Point Number: 80 Station Name: V2011"VWD30

**Monument Description:**

FD. 1" SQUARE STEEL PIN WITH PUNCH IN CENTER AT THE CENTER OF THE INTERSECTION OF SHADOWRIDGE DRIVE AND ANTIGUA DRIVE IN THE

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

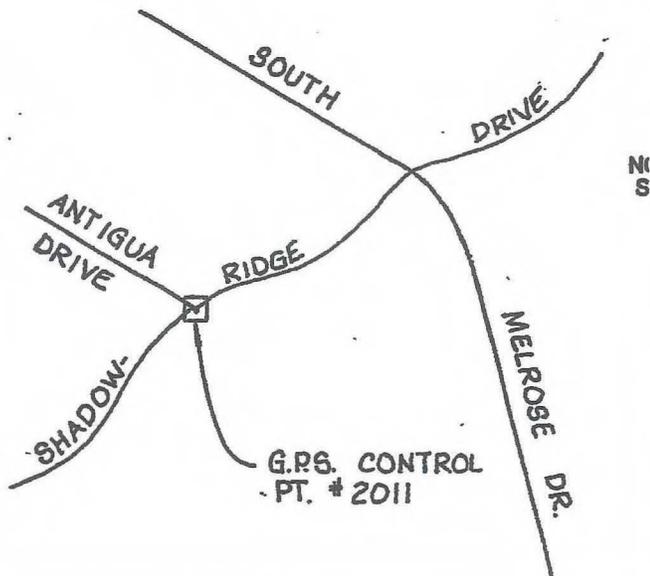
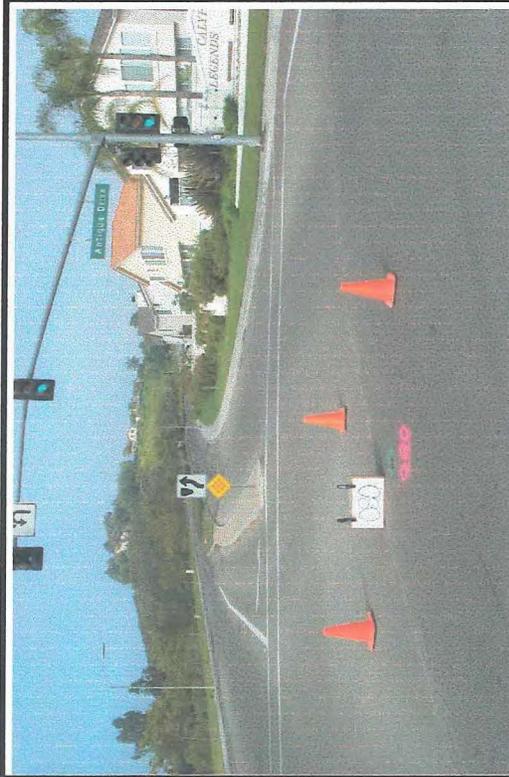
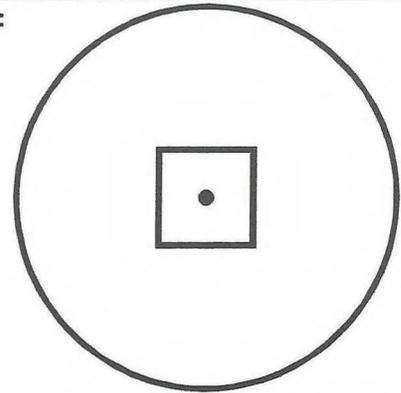
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'32.414564"N  
Longitude: 117°14'47.321400"W  
Ellipsoid Height: 244.951  
Northing: 2002936.938  
Easting: 6256709.255  
NGVD29 Elevation: 356.561  
Combined Scale Factor: 0.99994706  
Convergence: -0°32'51.291"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE CENTER OF THE INTERSECTION OF SHADOWRIDGE DRIVE AND ANTIGUA DRIVE IN THE CITY OF VISTA.

**Monument Sketch:**



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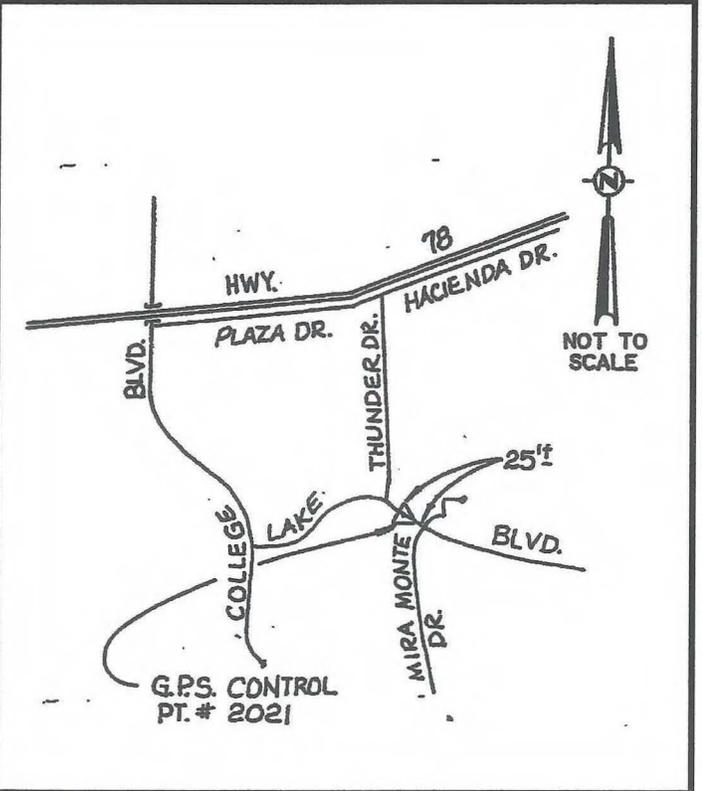
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1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
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Point Number: 83      Station Name: V2021  
Monument Description:  
FD. 2" DISK IN AC AT INTERSECTION OF MIRA MONTE  
DRIVE AND LAKE BLVD.  
  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee  
Latitude:                    33°10'45.260878"N  
Longitude:                 117°17'11.596478"W  
Ellipsoid Height:         116.63  
Northing:                 2010418.762  
Easting:                    6244518.013  
NGVD29 Elevation:       228.769  
Combined Scale Factor: 0.99995219  
Convergence:             -0°34'10.573"  
Horizontal Order:         FIRST

Monument "To Reach" Description:  
MONUMENT IS IN AC AT INTERSECTION OF MIRA  
MONTE DR. AND LAKE BLVD. AT THE APPROXIMATE  
CENTERLINE OF LAKE BLVD. AND THE 25 FT.  
WESTERLY OF THE CENTERLINE OF MIRA MONTE DR.  
IN THE CITY OF OCEANSIDE.



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Phone (760) 434-2808  
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Point Number: 85 Station Name: CLSB-085

**Monument Description:**

SET 2.5" DISK IN DRAINAGE BOX INLET SOUTH SIDE OF VISTA WAY, 0.7 MI. EAST OF EL CAMINO REAL AND 0.2 MI. WEST OF RANCHO DEL ORO IN THE CITY OF

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°10'50.093731"N

Longitude: 117°18'53.600974"W

Ellipsoid Height: -51.92

Northing: 2010994.566

Easting: 6235853.901

NGVD29 Elevation: 60.744

Combined Scale Factor: 0.99996019

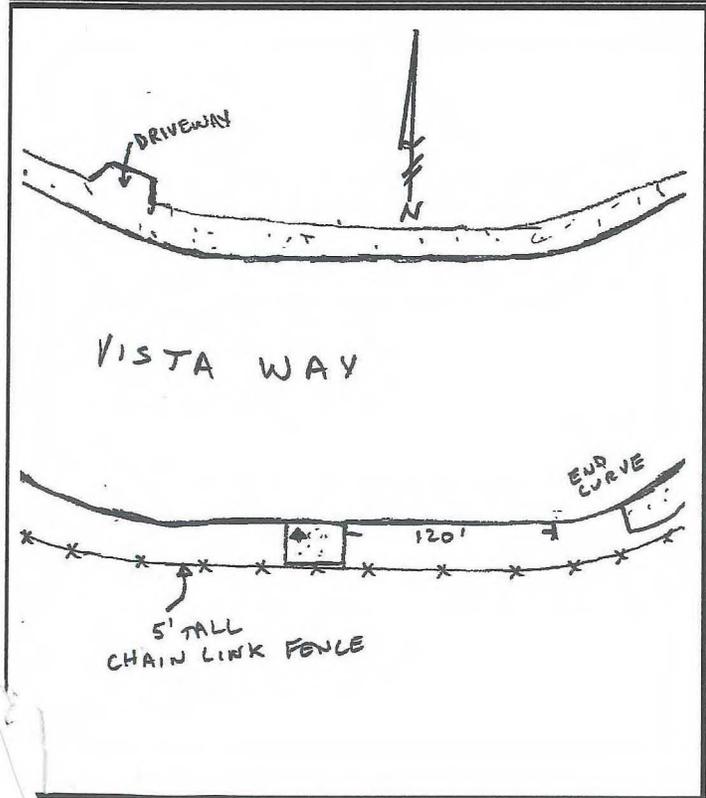
Convergence: -0°35'06.626"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE WEST END OF A DRAINAGE BOX INLET ON THE SOUTH SIDE OF VISTA WAY 0.7 MI. EAST OF EL CAMINO REAL, 0.2 MI. WEST OF RANCHO DEL ORO, 120 FT. WEST OF END OF CURVE AND OPPOSITE AUTOMOBILE CLUB OFFICES.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 86 Station Name: CLSB-086

**Monument Description:**

SET 2.5" DISK IN NORTHWEST CORNER OF SOUTH VISTA WAY BRIDGE OVER BUENA VISTA CREEK 100 FEET NORTH OF THE WEST END OF VISTA WAY.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

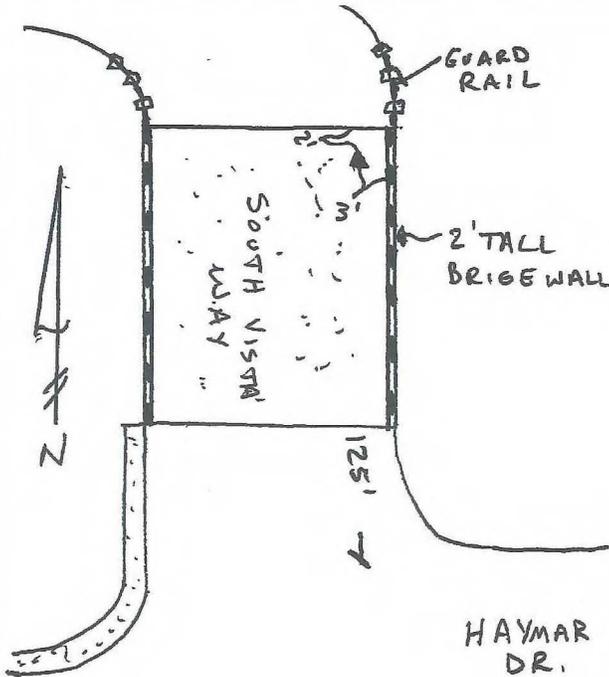
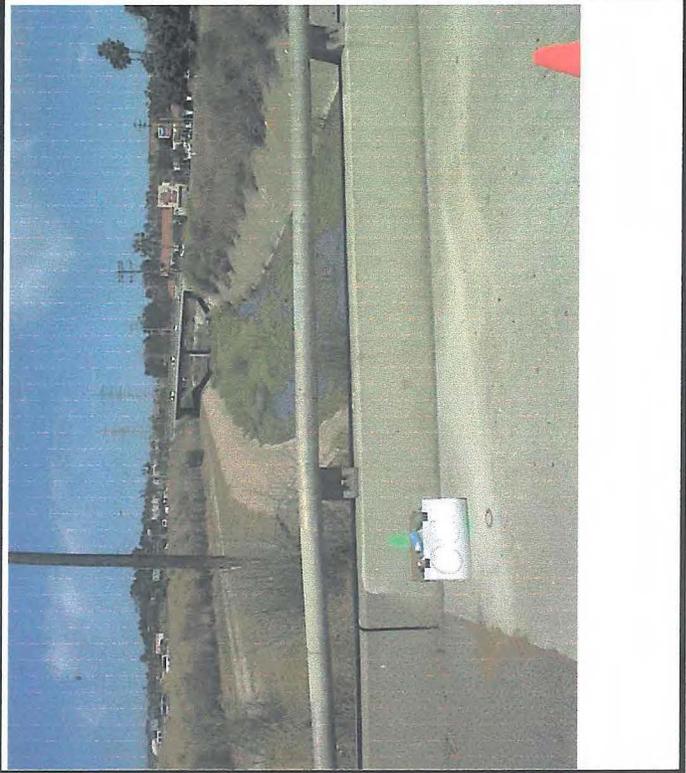
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°10'50.134002"N  
Longitude: 117°19'43.778376"W  
Ellipsoid Height: -88.74  
Northing: 2011042.482  
Easting: 6231589.563  
NGVD29 Elevation: 24.186  
Combined Scale Factor: 0.99996195  
Convergence: -0°35'34.199"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE NORTHEAST CORNER OF THE SOUTH VISTA WAY BRIDGE OVER BUENA VISTA CREEK, 125 FT. NORTH OF HAYMAR DR. 3' WEST OF BRIDGE WALL AND 2 FT. SOUTH OF NORTHERLY EDGE OF CONCRETE.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 88 Station Name: CLSB-088

**Monument Description:**

SET 2" IRON PIPE AND DISK AT TOP OF CUT SLOPE 50 FT. NORTH OF CARLSBAD VILLAGE DRIVE, 0.1 MI. EAST OF PONTIAC DRIVE.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°10'22.410820"N

Longitude: 117°18'39.185797"W

Ellipsoid Height: 204.499

Northing: 2008184.293

Easting: 6237050.522

NGVD29 Elevation: 317.176

Combined Scale Factor: 0.99994829

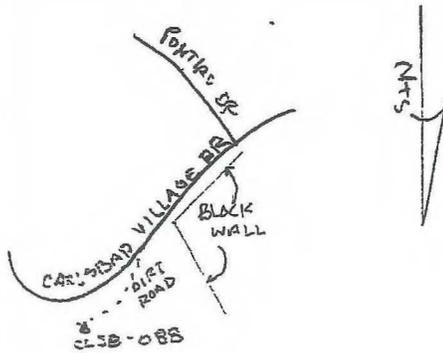
Convergence: -0°34'58.705"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF CARLSBAD VILLAGE DR. AND PONTIAC DR. GO EAST ON CARLSBAD VILLAGE DR. 300 FT. TO A DIRT DRIVE WAY ON THE LEFT, TURN LEFT, GO NORTH THEN EAST 150 FT. TO THE TOP OF A KNOLL AND THE MONUMENT. MONUMENT IS NEAR THE NORTH RIM, 15 FT. NORTHWESTERLY OF AN O'DAY TRAVERSE PT. AND 200 FT. FROM A BLOCK WALL.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 90      Station Name: CLSB-090

**Monument Description:**

SET 2.5" DISK IN MEDIAN ISLAND CURB OF COLLEGE BLVD. 90 FT. NORTH OF THE CENTER OF CARLSBAD VILLAGE DRIVE.

**Established By:**                      HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

**Date Established:**                      5/18/2001

**Datum:** CCS 83, 1991.35 Epoch, U.S. Survey Fe

**Latitude:**                                      33°10'05.426050"N

**Longitude:**                                    117°17'43.848824"W

**Ellipsoid Height:**                        263.863

**Northing:**                                    2006420.205

**Easting:**                                      6241736.598

**NGVD29 Elevation:**                      376.3

**Combined Scale Factor:** 0.99994568

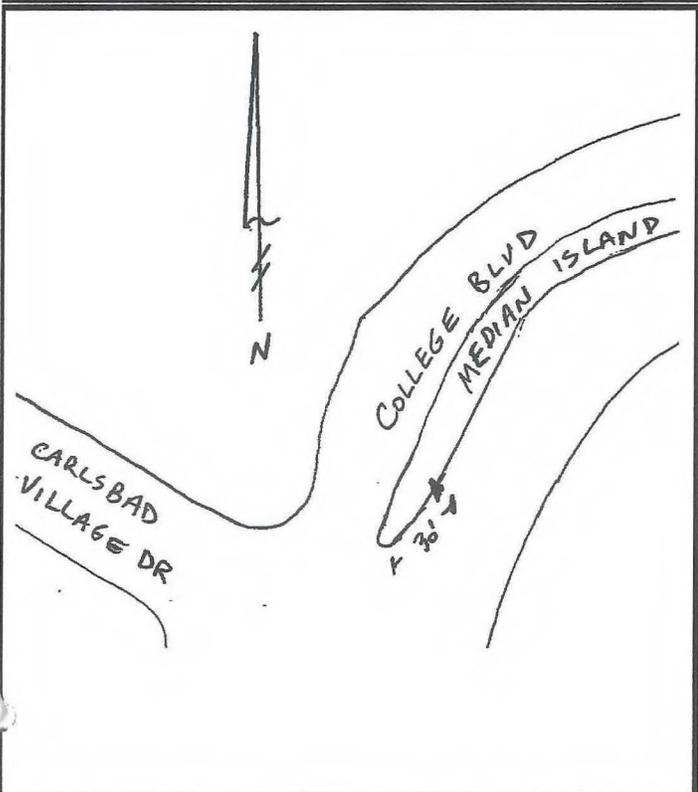
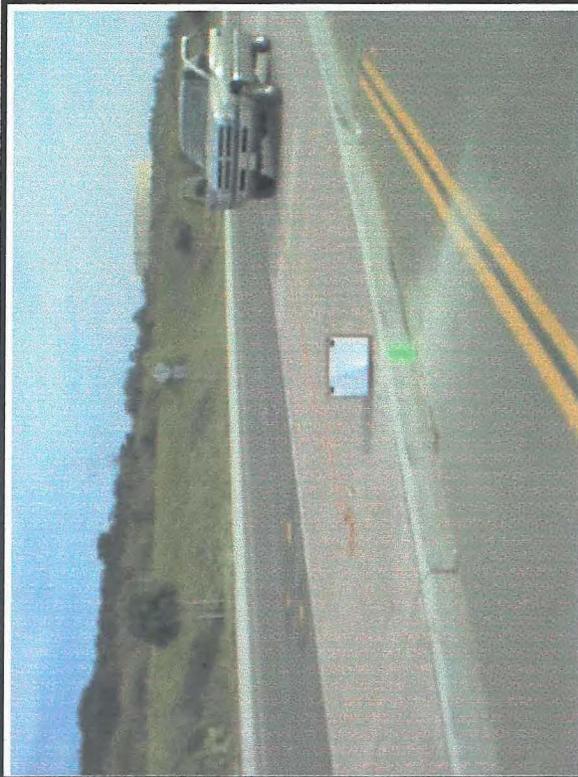
**Convergence:**                              -0°34'28.296"

**Horizontal Order:**                        FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE EASTERLY MEDIAN ISLAND CURB OF COLLEGE BLVD. 90 FT. NORTH OF THE CENTER OF CARLSBAD VILLAGE DRIVE AND 30 FT. NORTH OF THE SOUTH END OF MEDIAN ISLAND.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

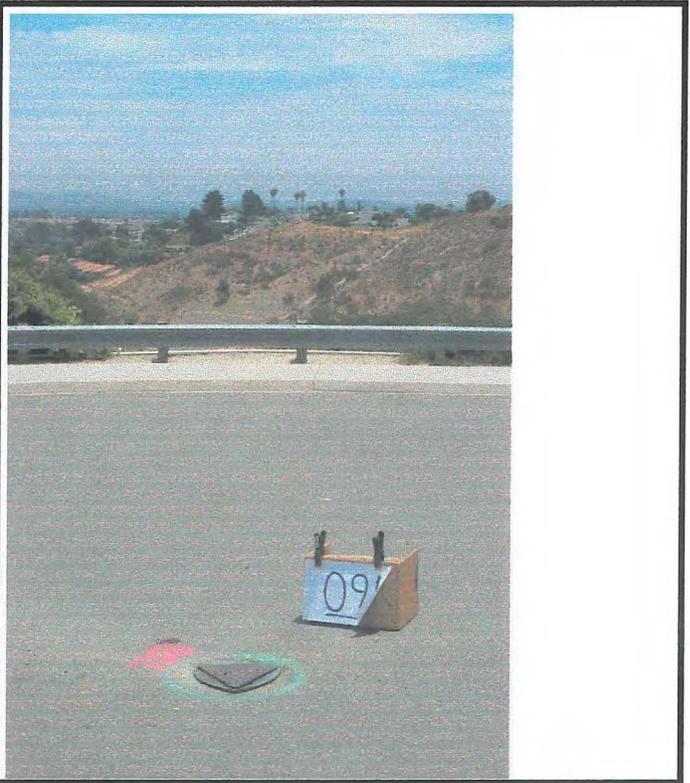
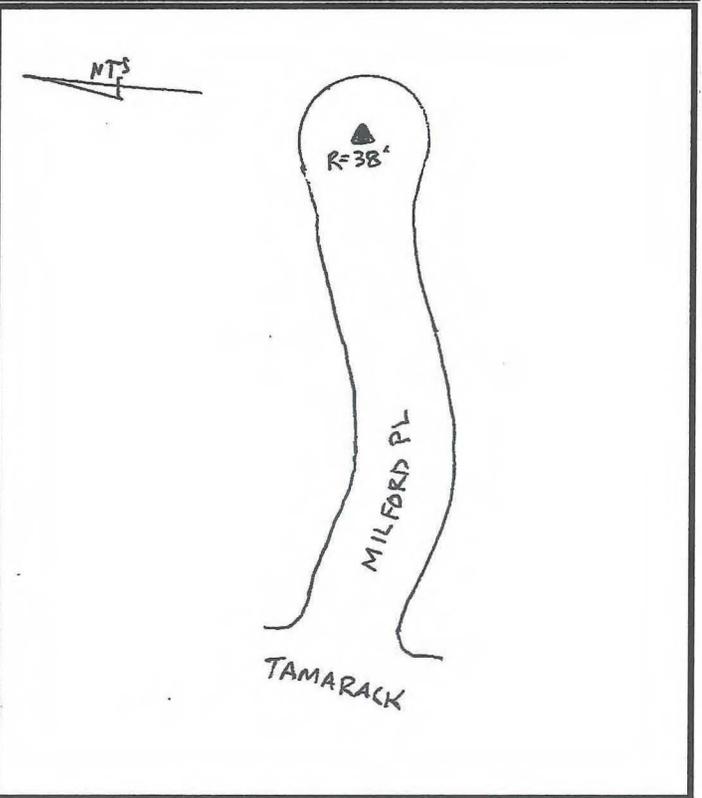
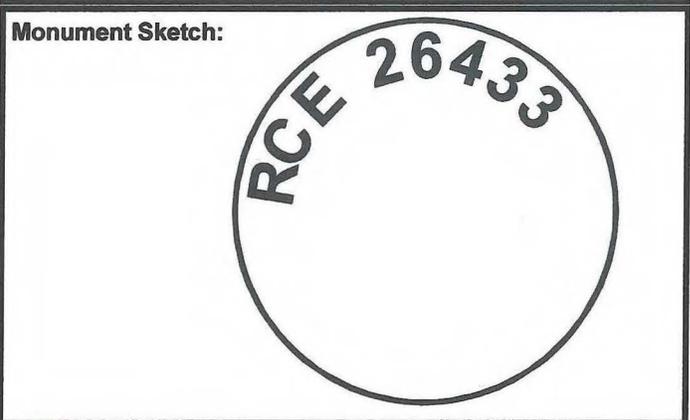
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 91      Station Name: CLSB-091  
Monument Description:  
WELL MONUMENT IN CENTER OF BULB CUL-DE-SAC AT  
THE NORTH END OF MILFORD PLACE 0.2 MI. NORTH OF  
TAMARACK AVE.  
Established By:      HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:      5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:              33°10'33.756937"N  
Longitude:            117°17'58.133808"W  
Ellipsoid Height:    190.42  
Northing:             2009295.678  
Easting:              6240551.221  
NGVD29 Elevation:   302.845  
Combined Scale Factor: 0.99994881  
Convergence:        -0°34'36.146"  
Horizontal Order:    FIRST

Monument "To Reach" Description:  
MONUMENT IS IN CENTER OF BULB CUL-DE-SAC AT  
THE NORTH END OF MILFORD PLACE 0.2 MI. NORTH OF  
TAMARACK AVE.



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

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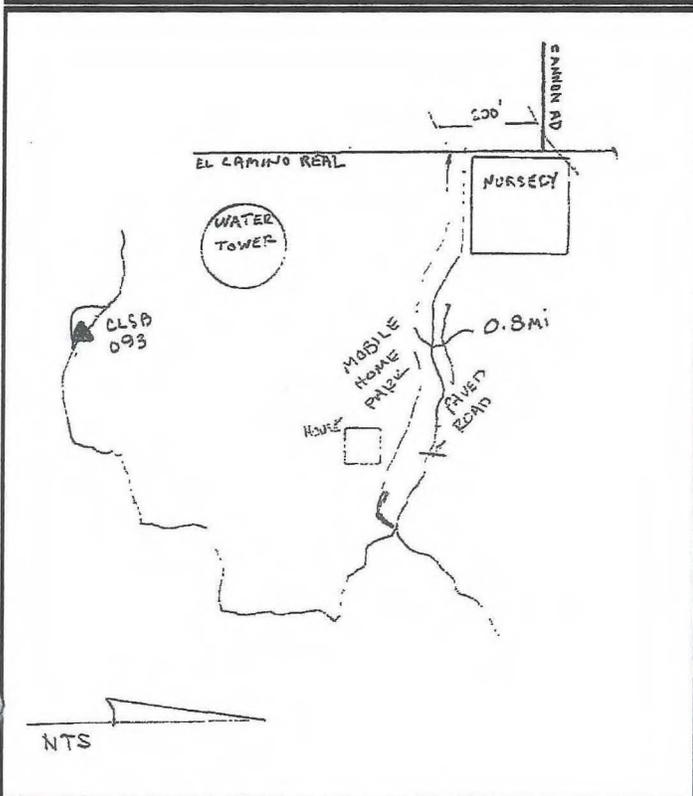
Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 93      Station Name: CLSB-093  
Monument Description:  
SET 2" IRON PIPE SOUTH OF LAKE CALAVERA NORTH  
OF EL CAMINO REAL, EAST OF COLLEGE BLVD AND  
WEST OF MELROSE DRIVE 0.7 MI. ALONG OILED ROAD  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:        5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°9'44.478426"N  
Longitude:                 117°16'48.976477"W  
Ellipsoid Height:         197.241  
Northing:                  2004256.693  
Easting:                    6246379.732  
NGVD29 Elevation:      309.452  
Combined Scale Factor: 0.99994916  
Convergence:             -0°33'58.143"  
Horizontal Order:        FIRST

Monument "To Reach" Description:  
FORM THE INTERSECTION OF EL CAMINO REAL AND  
CANNON RD. GO SOUTH 200 FT. ON EL CAMINO REAL  
TO A PAVED RD. ON THE EAST SIDE OF EL CAMINO  
REAL, GO EAST ON PAVED RD. PAST MOBILE HOME  
PARK 0.8 MI. TO A DIRT RD. CONTINUE ON DIRT RD.  
STAY RIGHT PAST HOUSE

Monument Sketch:



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 95      Station Name: CLSB-095

**Monument Description:**

SET 2.5" DISK IN CURB ON WEST SIDE OF MELROSE DRIVE 0.25 MI. SOUTH OF PALOMAR AIRPORT ROAD OPPOSITE FIRE HYDRANT

Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.

Date Established:            5/18/2001

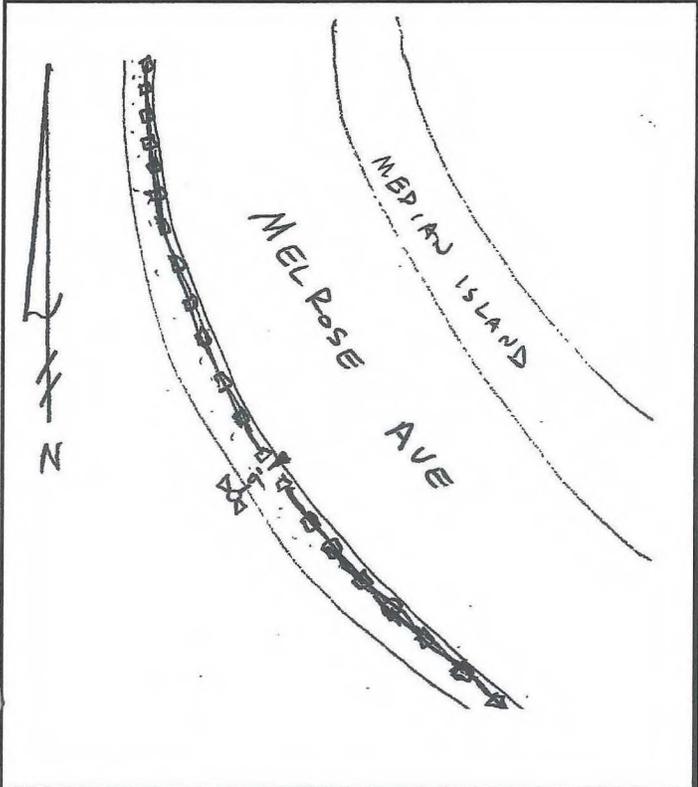
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude:                    33°7'35.728942"N  
Longitude:                  117°14'41.063386"W  
Ellipsoid Height:           322.208  
Northing:                   1991138.956  
Easting:                    6257128.727  
NGVD29 Elevation:        434.15  
Combined Scale Factor: 0.99994524  
Convergence:              -0°32'47.852"  
Horizontal Order:         FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF MELROSE DR. AND PALOMAR AIRPORT RD. GO SOUTH ON MELROSE DR. 0.25 MI. TO A FIRE HYDRANT AND THE POINT ON THE RIGHT. MONUMENT IS SET IN WESTERLY CURB OF MELROSE DR. CENTERED ON A 5 FT. GAP IN 2 FT. TALL GUARD RAIL, 9 FT. EAST OF FIRE HYDRANT.

**Monument Sketch:**



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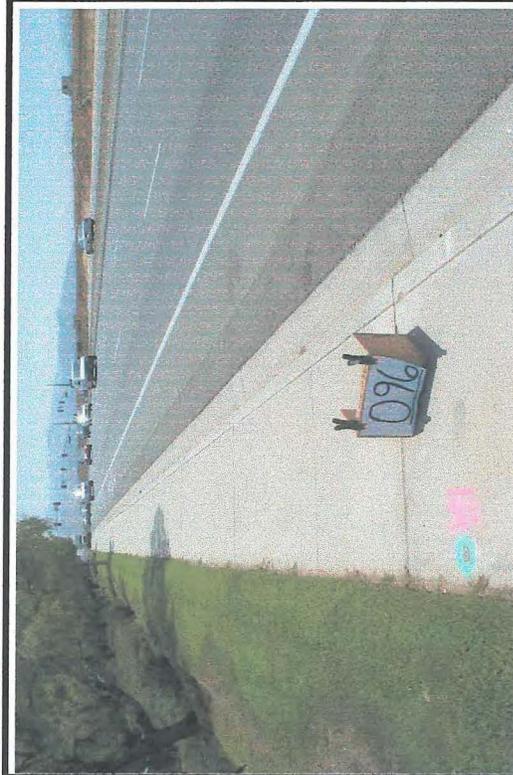
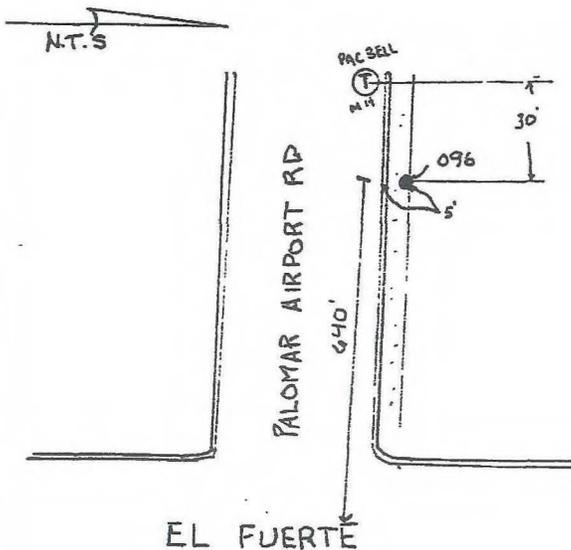
Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 96      Station Name: SDGPS 41  
Monument Description:  
FD. CADT DISK IN NORTH SIDEWALK OF PALOMAR  
AIRPORT ROAD 640 FEET WEST OF EL FUERTE STREET.  
Established By:      CALIFORNIA DEPARTMENT  
   OF TRANSPORTATION  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°7'49.413562"N  
Longitude:                117°15'16.974009"W  
Ellipsoid Height:        332.68  
Northing:                 1992551.277  
Easting:                  6254088.257  
NGVD29 Elevation:     444.77  
Combined Scale Factor: 0.9999445  
Convergence:            -0°33'07.586"  
Horizontal Order:        FIRST

Monument "To Reach" Description:  
MONUMENT IS IN THE CENTER OF NORTH SIDEWALK  
OF PALOMAR AIRPORT ROAD 640 FEET WEST OF EL  
FUERTE STREET.

Monument Sketch:



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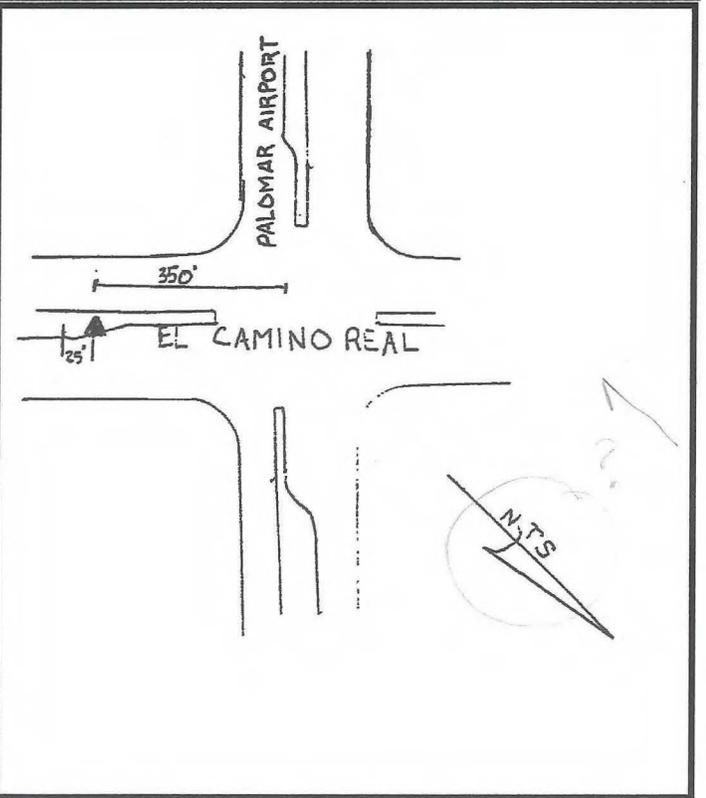
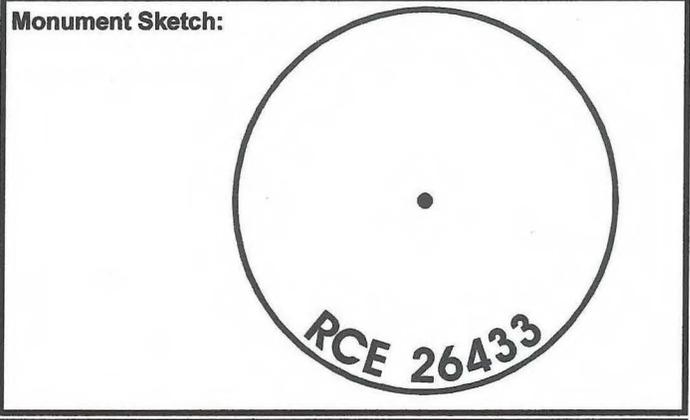
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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 97      Station Name: CLSB-097  
Monument Description:  
FD. DISK IN MEDIAN ISLAND CURB AT END OF CURVE  
OF EL CAMINO REAL 350 FT. NORTH OF PALOMAR  
AIRPORT ROAD IN LEFT TURN POCKET.  
Established By:      HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:      5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee  
Latitude:              33°7'49.801201"N  
Longitude:            117°16'02.920421"W  
Ellipsoid Height:    178.461  
Northing:             1992628.34  
Easting:              6250181.587  
NGVD29 Elevation:   290.8  
Combined Scale Factor: 0.99995187  
Convergence:        -0°33'32.834"  
Horizontal Order:    FIRST

Monument "To Reach" Description:  
MONUMENT IS MEDIAN ISLAND CURB AT END OF  
CURVE OF EL CAMINO REAL 350 FT. NORTH OF  
PALOMAR AIRPORT ROAD IN LEFT TURN POCKET.



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A Public Agency  
1200 Carlsbad Village Drive  
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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 99 Station Name: CLSB-099

**Monument Description:**

SET 2.5" DISK IN CURB AT THE SOUTH END OF WHITE BIRCH DR. 108 FT. SOUTH OF SEQUOIA CREST AT THE SOUTH END OF CUL-DE-SAC.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'09.172437"N

Longitude: 117°15'14.312406"W

Ellipsoid Height: 432.75

Northing: 2000609.968

Easting: 6254392.202

NGVD29 Elevation: 544.57

Combined Scale Factor: 0.99993842

Convergence: -0°33'06.123"

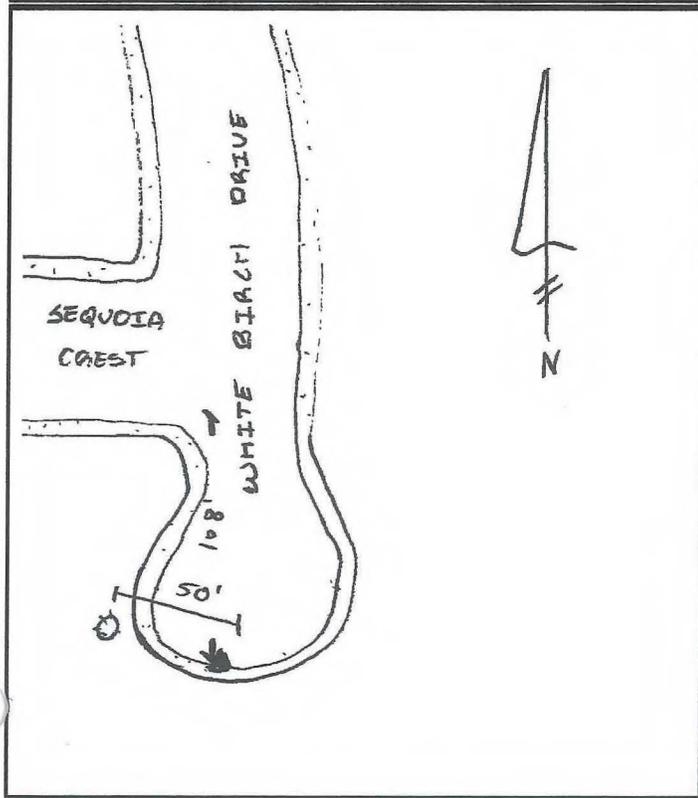
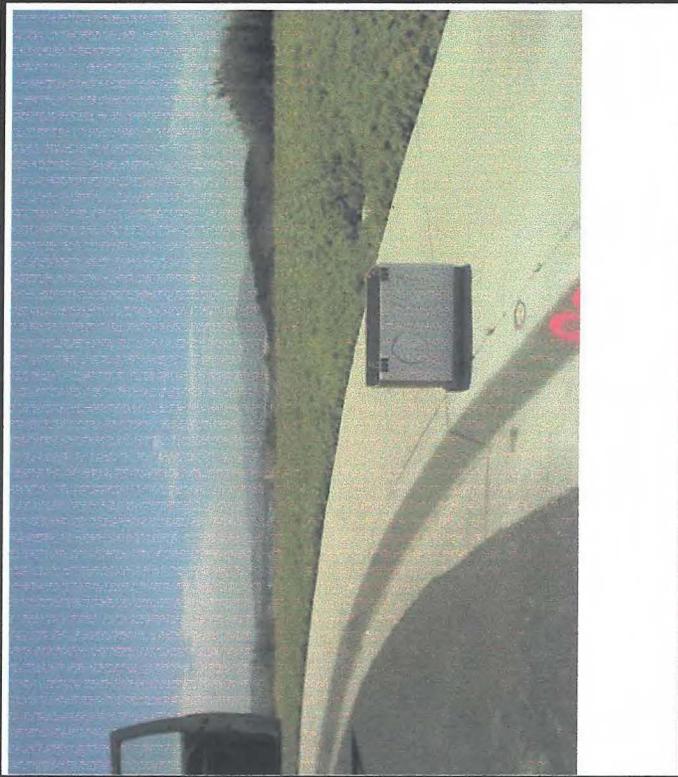
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN CURB AT THE SOUTH END OF WHITE BIRCH DR. 108 FT. SOUTH OF SEQUOIA CREST AT THE SOUTH END OF CUL-DE-SAC, 50 FT. SOUTHEAST OF A STREET LIGHT.

"CLSB-99" WAS NOT FOUND PER  
ROS 22744 REORDED ON 9/07/17  
AS FILE NO. 2017-7000345

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 100      Station Name: CLSB-100

**Monument Description:**

SET 2" IRON PIPE AND DISK 1/2 MI. SOUTHERLY OF SQUIRES DAM ON EAST EDGE OF FIELDS ON TOP OF CANYON RIM.

Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.

Date Established:            5/18/2001

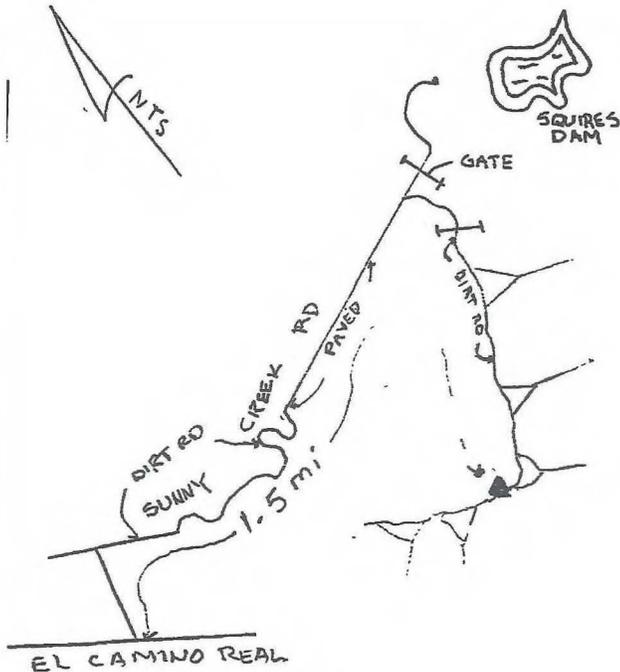
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude:                    33°8'42.785740"N  
Longitude:                  117°15'45.703562"W  
Ellipsoid Height:            237.456  
Northing:                    1997968.992  
Easting:                     6251697.625  
NGVD29 Elevation:        349.529  
Combined Scale Factor:    0.99994817  
Convergence:               -0°33'23.373"  
Horizontal Order:            FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF EL CAMINO REAL AND SUNNY CREEK RD. GO NORTHEAST 1.0 MI. ON DIRT SUNNY CREEK RD. TO A PAVED RD. CONTINUE ON PAVED RD. 0.3 MI. TO THE TOP OF CANYON RIDGE, TURN RIGHT, GO SOUTH 0.2 MI. ON DIRT RD ALONG THE CANYON RIM THROUGH FIELDS TO THE SOUTHEAST CORNER OF FIELDS AND THE MONUMENT ON THE LEFT. MONUMENT IS APPROXIMATELY 10 FT. FROM RIM AND AMONG ROCKS.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 101 Station Name: CLSB-101

**Monument Description:**

SET 2" IRON PIPE AND DISK IN AC AT THE INTERSECTION OF A GAS EASEMENT RD. AND PAVED ACCESS RD. AT THE SOUTHWEST CORNER OF A

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

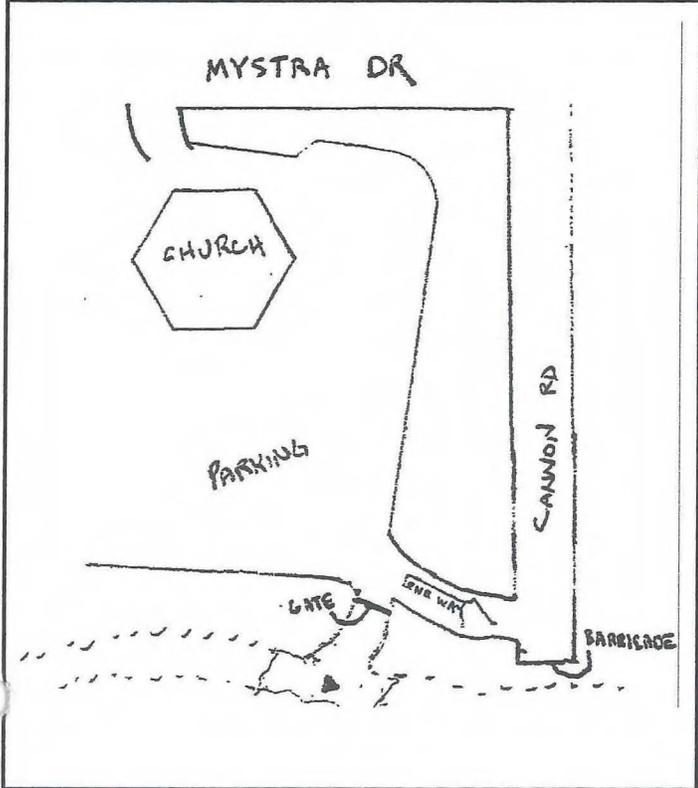
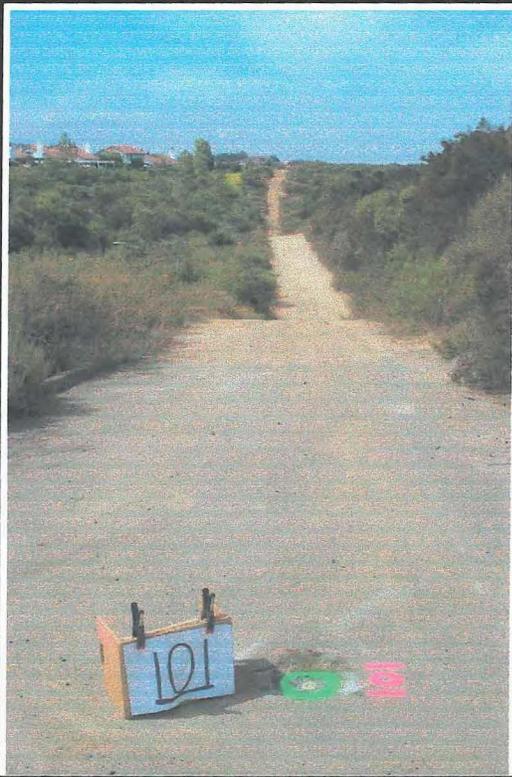
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'46.124563"N  
Longitude: 117°16'15.267513"W  
Ellipsoid Height: 262.842  
Northing: 2004394.875  
Easting: 6249246.757  
NGVD29 Elevation: 374.866  
Combined Scale Factor: 0.999946  
Convergence: -0°33'39.619"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF MYSTRA DR. AND CANNON RD. IN THE CITY OF VISTA, GO SOUTHWEST ON MYSTRA DR. TO CHURCH ENTRANCE ON RIGHT. TURN RIGHT, GO ALONG CHURCH ENTRANCE SO SOUTHWEST CORNER OF CHURCH PARKING LOT AND TO ACCESS RD. POINT IS 25 FT. PAST GATE IN THE CENTER OF INTERSECTION OF THE ACCESS RD AND A GAS LINE EASEMENT RD.

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 104 Station Name: CLSB-104

**Monument Description:**

SET 2.5" DISK IN TOP OF CONCRETE STORM DRAIN RISER ON WEST SIDE OF DIRT ROAD. FROM CALAVERAS DRIVE AND EL CAMINO REAL GO NORTH

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'47.335009"N

Longitude: 117°17'17.102403"W

Ellipsoid Height: -22.181

Northing: 2004569.11

Easting: 6243991.793

NGVD29 Elevation: 90.171

Combined Scale Factor: 0.99995962

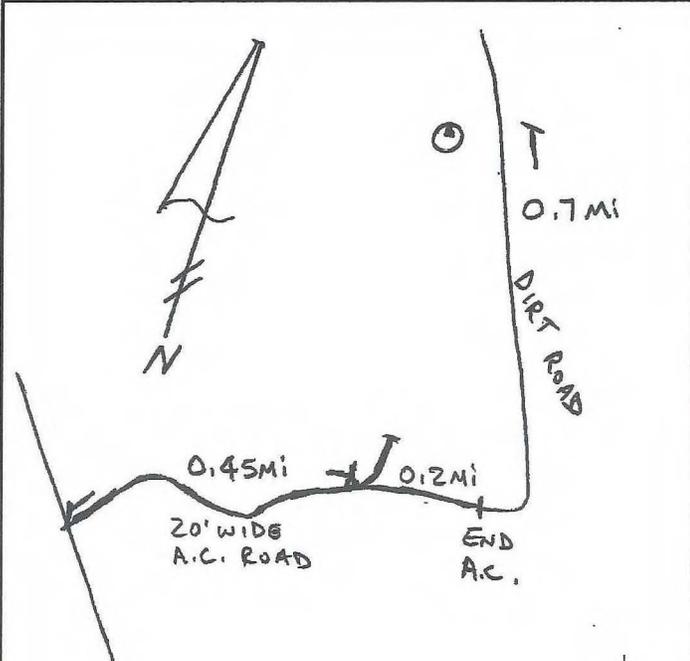
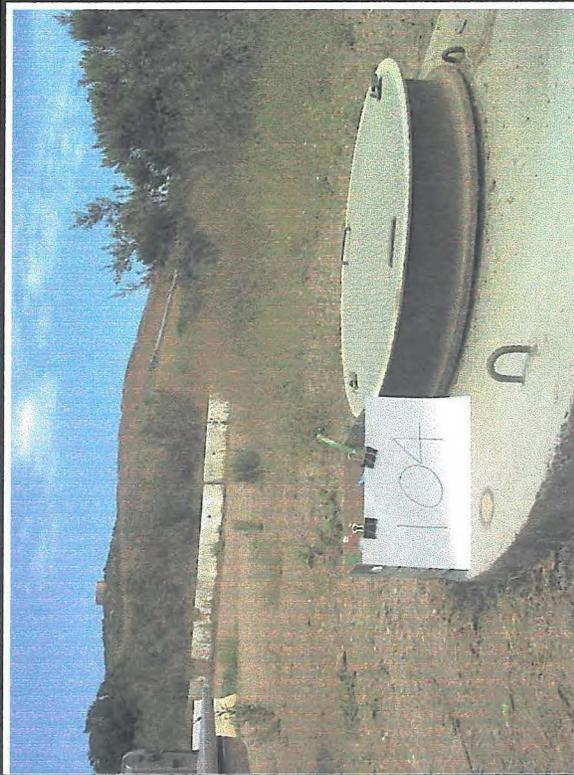
Convergence: -0°34'13.598"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM CALAVERAS DRIVE AND EL CAMINO REAL GO NORTHEAST ON CALAVERAS DRIVE ALONG A 20 FT. WIDE PAVED RD. 0.45 MI. TO FORK IN ROAD, TAKE RIGHT FORK GO EAST 0.2 MI. TO THE END OF PAVEMENT, CONTINUE EAST THEN NORTH ALONG THE DIRT RD. 0.7 MI. TO THE POINT ON THE LEFT. MONUMENT IS SET ON THE NORTH SIDE OF A CONCRET 6 FT. DIAMETER WATER RISER PAINTED "B.O. 305+0036", 25 FT. WEST OF DIRT RD.

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 105 Station Name: CLSB-105

**Monument Description:**

SET 2.5" DISK IN NORTHEAST CORNER OF CANNON ROAD BRIDGE OVER AGUA HEDIONDA CREEK 120 FEET SOUTHWEST OF EL CAMINO REAL

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

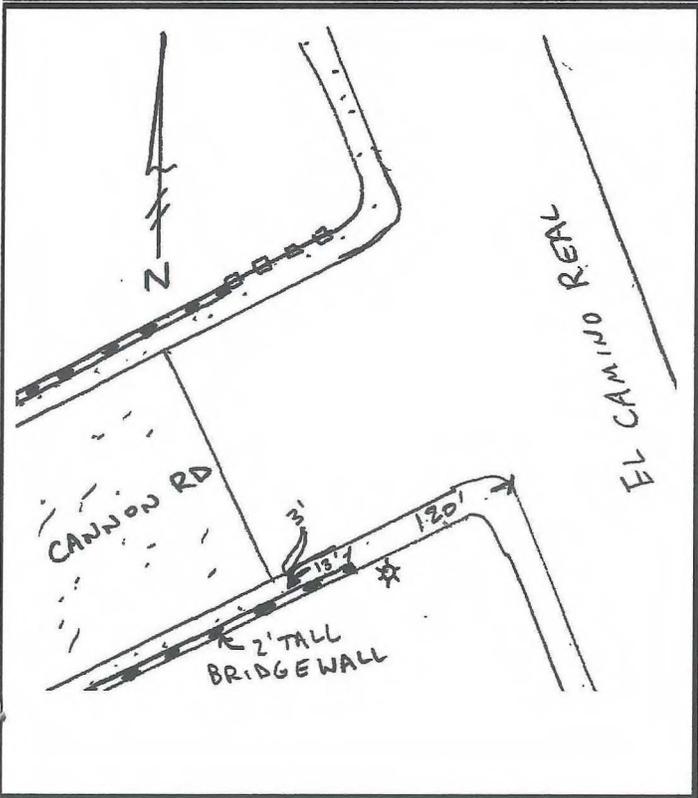
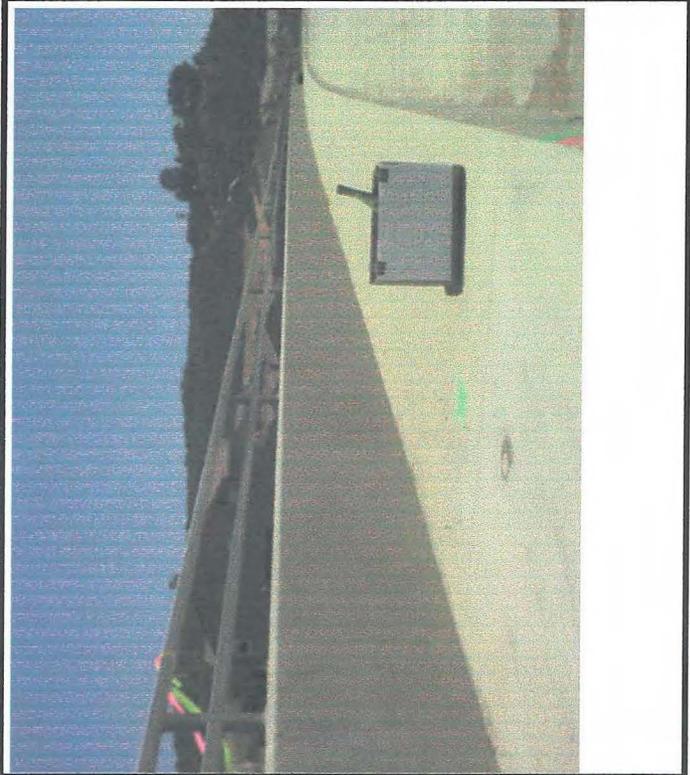
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°8'56.554151"N  
Longitude: 117°17'51.433611"W  
Ellipsoid Height: -67.293  
Northing: 1999466.124  
Easting: 6241021.96  
NGVD29 Elevation: 45.41  
Combined Scale Factor: 0.99996254  
Convergence: -0°34'32.464"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS ON THE SIDEWALK OF THE NORTHEASTERLY CORNER OF THE CANNON RD. BRIDGE OVER AGUA HEDIONDA CREEK. 120 FT. SOUTHWEST OF EL CAMINO REAL, 3 FT. FROM CURB AND 13 FT. SOUTHWEST OF THE NORTHEASTERLY END OF BRIDGE WALL.

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 107 Station Name: CLSB-107

**Monument Description:**

WELL MONUMENT END OF CURVE IN MEDIAN OF EL CAMINO REAL 300 FEET NORTHWEST OF COLLEGE BLVD.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°8'36.641521"N

Longitude: 117°17'02.339778"W

Ellipsoid Height: -22.476

Northing: 1997411.977

Easting: 6245175.811

NGVD29 Elevation: 90.03

Combined Scale Factor: 0.99996071

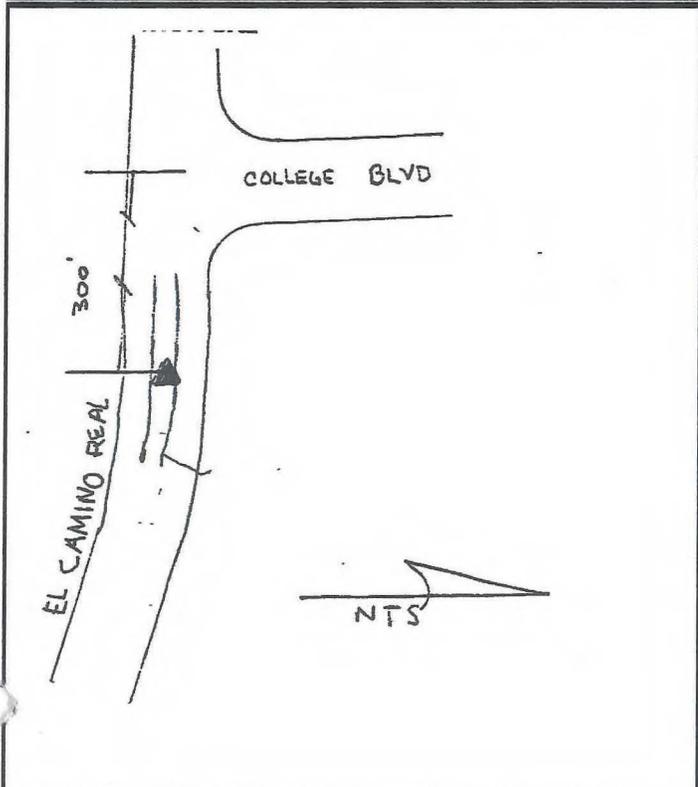
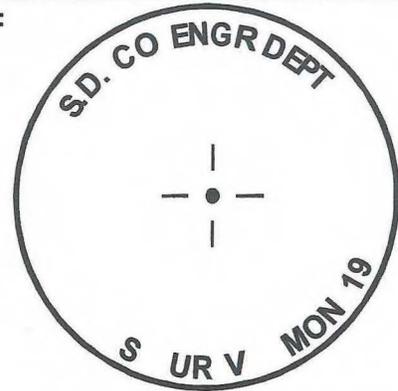
Convergence: -0°34'05.486"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS AT THE END OF CURVE ON CENTERLINE IN MEDIAN OF EL CAMINO REAL 300 FT. NORTHWEST OF COLLEGE BLVD IN A PAINTED ISLAND.

**Monument Sketch:**



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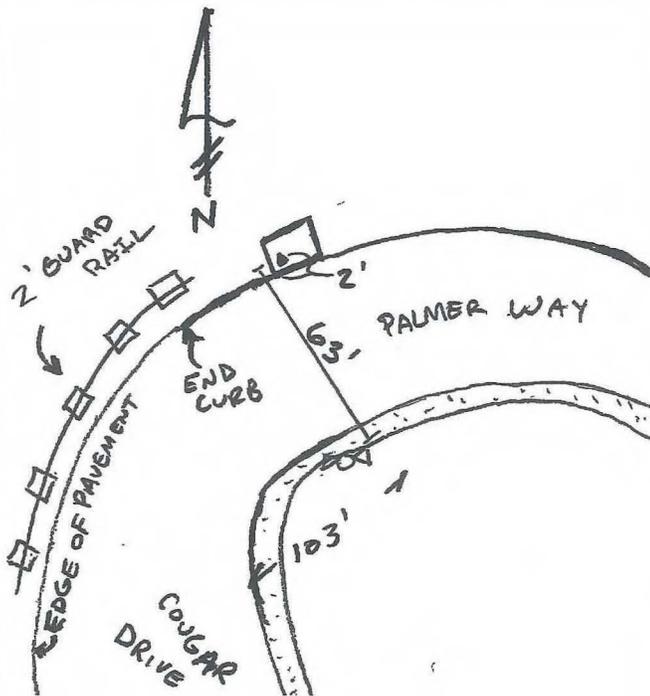
Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 108      Station Name: CLSB-108  
Monument Description:  
SET 2.5" DISK IN DRAINAGE BOX INLET ON NORTH SIDE  
OF PALMER WAY, 100 FEET EASTERLY OF COUGAR  
DRIVE  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:        5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°8'29.556019"N  
Longitude:                  117°16'28.643456"W  
Ellipsoid Height:         134.085  
Northing:                   1996667.594  
Easting:                    6248033.709  
NGVD29 Elevation:      246.43  
Combined Scale Factor: 0.99995333  
Convergence:              -0°33'46.969"  
Horizontal Order:        FIRST

Monument "To Reach" Description:  
MONUMENT IS ON THE NORTH SIDE OF PALMER WAY,  
100 FEET EASTERLY OF COUGAR DRIVE, 2 FT. NORTH  
OF CURB AND 63 FT. NORTH OF FIRE HYDRANT.

Monument Sketch:



**HUNSAKER & ASSOCIATES**  
**SAN DIEGO, INC.**  
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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

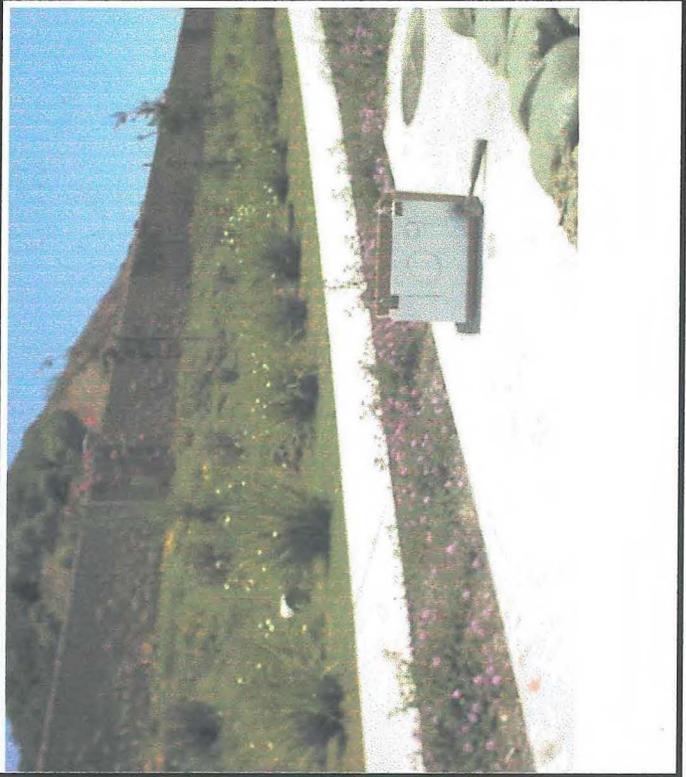
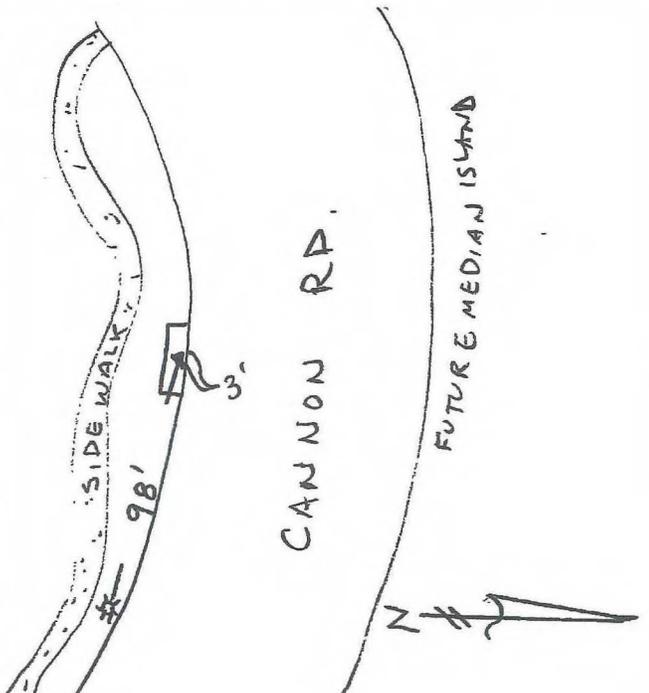
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 109      Station Name: CLSB-109  
Monument Description:  
SET 2.5" DISK IN DRAINAGE BOX INLET ON THE SOUTH  
SIDE OF CANNON RD. 0.2 MI. WEST OF EL CAMINO  
REAL, 3 FT. FROM CURB, 98 FT. WEST OF A STREET  
Established By:              HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:            5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°8'44.857470"N  
Longitude:                  117°18'12.180822"W  
Ellipsoid Height:         -86.719  
Northing:                   1998301.767  
Easting:                    6239246.162  
NGVD29 Elevation:       26.135  
Combined Scale Factor: 0.99996365  
Convergence:              -0°34'43.865"  
Horizontal Order:         FIRST

Monument "To Reach" Description:  
MONUMENT IS IN A DRAINAGE BOX INLET ON THE  
SOUTH SIDE OF CANNON RD. 0.2 MI. WEST OF EL  
CAMINO REAL, 3 FT. FROM CURB, 98 FT. WEST OF A  
STREET LIGHT AND 150 FT. +/- EASTERLY OF A SEWER  
PUMP STATION



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 110 Station Name: CLSB-110

**Monument Description:**

SET WELL MONUMENT IN NORTHEAST SHOULDER OF EL CAMINO REAL 1/2 MI. NORTHWEST OF CANNON ROAD AND 50 FEET NORTHWEST OF PAC-BELL

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'05.869686"N

Longitude: 117°18'18.032610"W

Ellipsoid Height: -40.855

Northing: 2000430.401

Easting: 6238770.13

NGVD29 Elevation: 71.96

Combined Scale Factor: 0.99996113

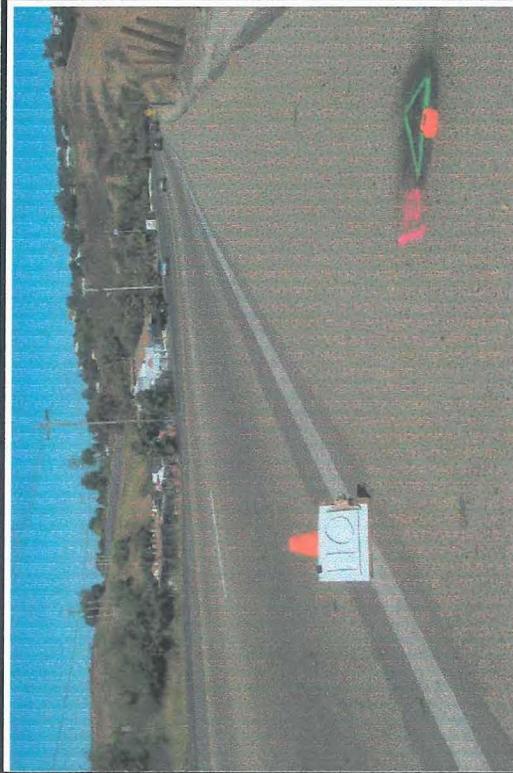
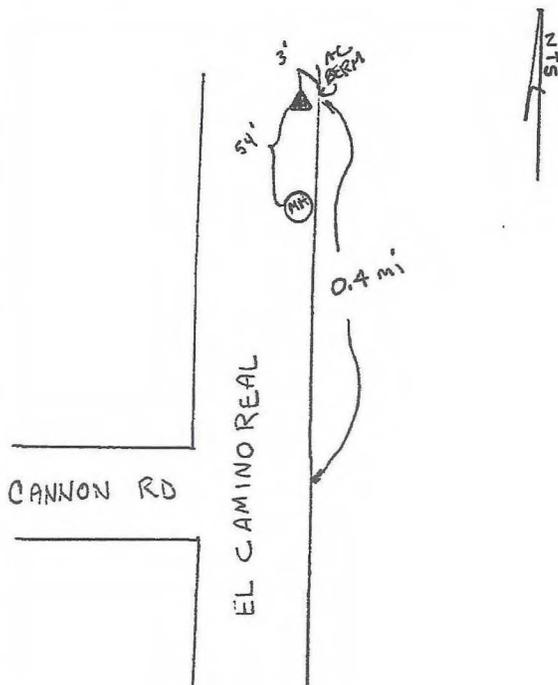
Convergence: -0°34'47.081"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF CANNON RD. AND EL CAMINO REAL GO NORTH ON EL CAMINO REAL 0.4 MI. TO THE MONUMENT IN THE EAST SHOULDER OF EL CAMINO REAL 3 FT. FROM AC. BERM AND 54 FT. NORTH OF A PAC-BELL MANHOLE.

**Monument Sketch:**



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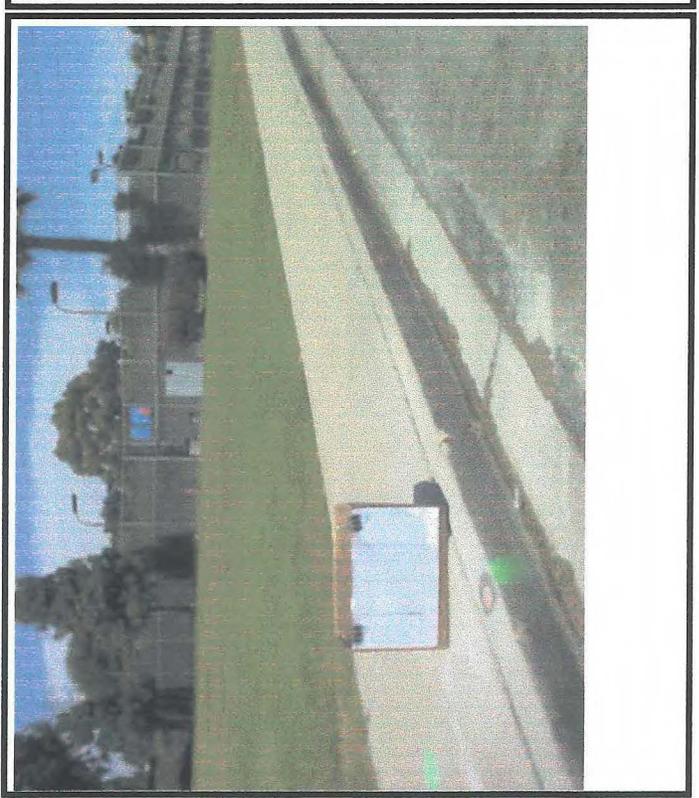
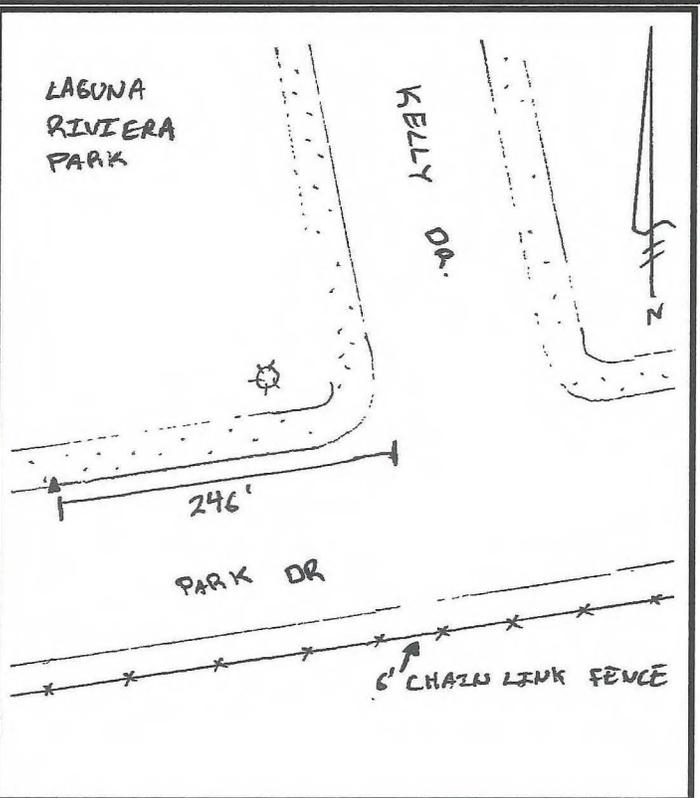
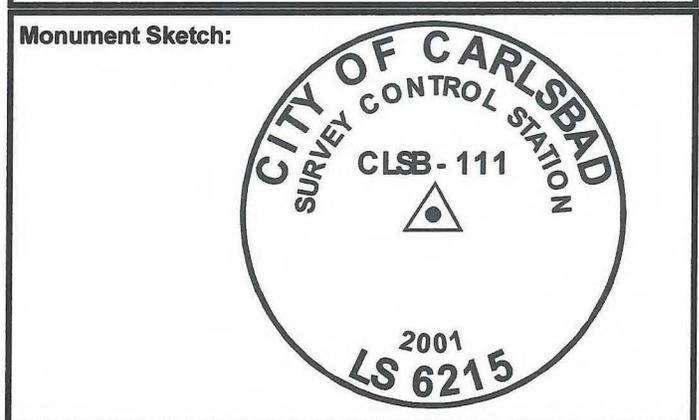
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1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 111      Station Name: CLSB-111  
Monument Description:  
SET 2.5" DISK IN NORTH CURB OF PARK DRIVE, 200  
FEET WEST OF KELLY DRIVE.  
  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
  
Date Established:        5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                33°8'46.851800"N  
Longitude:              117°18'41.823793"W  
Ellipsoid Height:      -94.626  
Northing:               1998528.888  
Easting:                6236727.974  
NGVD29 Elevation:    18.385  
Combined Scale Factor: 0.999964  
Convergence:          -0°35'00.154"  
Horizontal Order:      FIRST

Monument "To Reach" Description:  
MONUMENT IS IN THE NORTH SIDE CURB OF PARK DR.  
246 FT. WEST OF KELLY DR. IN FRONT OF LAGUNA  
RIVIERA PARK.



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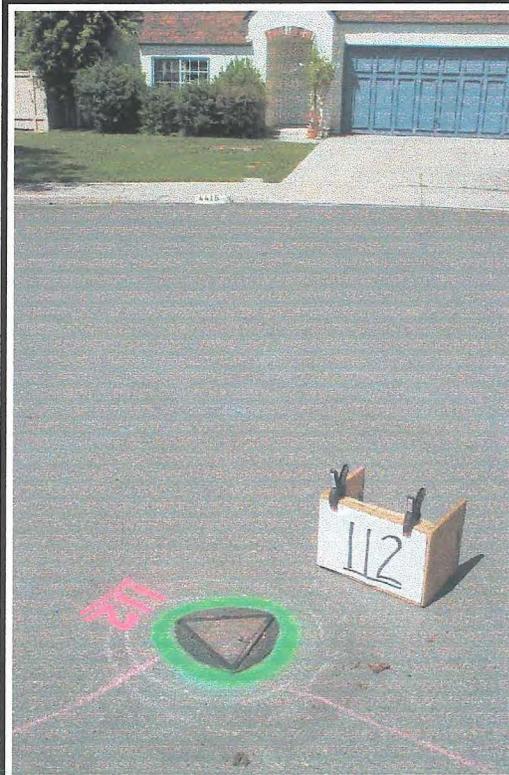
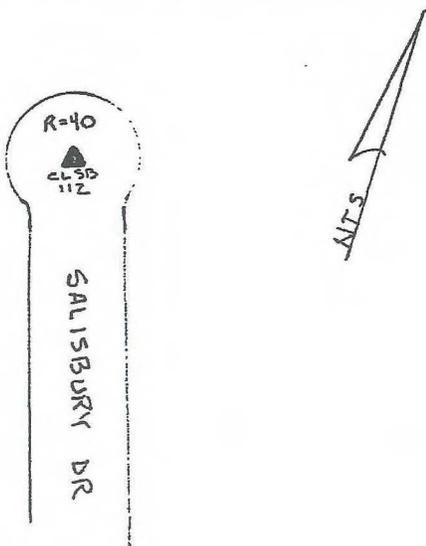
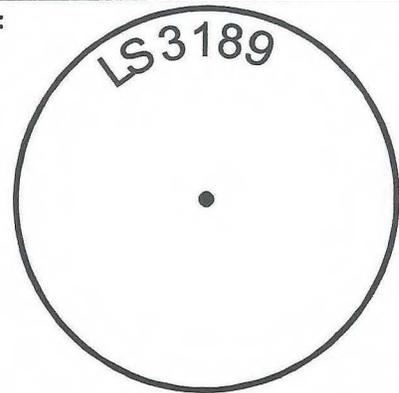
Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 112      Station Name: CLSB-112  
Monument Description:  
WELL MONUMENT IN CENTER OF BULB CUL-DE-SAC AT  
THE NORTH END OF SALISBURY DRIVE.  
  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
  
Date Established:        5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°9'39.106906"N  
Longitude:                 117°18'46.639784"W  
Ellipsoid Height:         26.81  
Northing:                  2003814.226  
Easting:                    6236372.364  
NGVD29 Elevation:      139.671  
Combined Scale Factor: 0.9999574  
Convergence:             -0°35'02.801"  
Horizontal Order:        FIRST

Monument "To Reach" Description:  
MONUMENT IS IN CENTER OF BULB CUL-DE-SAC AT  
THE NORTH END OF SALISBURY DRIVE 0.1 MI.  
NORTHERLY OF BRIGHTON RD.

Monument Sketch:



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Phone (760) 434-2808  
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Point Number: 114 Station Name: CLSB-114

**Monument Description:**

WELL MONUMENT AT THE END OF CURVE OPPOSITE  
4793 GATESHEAD RD.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'35.524079"N

Longitude: 117°17'52.356501"W

Ellipsoid Height: 79.986

Northing: 2003405.415

Easting: 6240983.085

NGVD29 Elevation: 192.564

Combined Scale Factor: 0.9999549

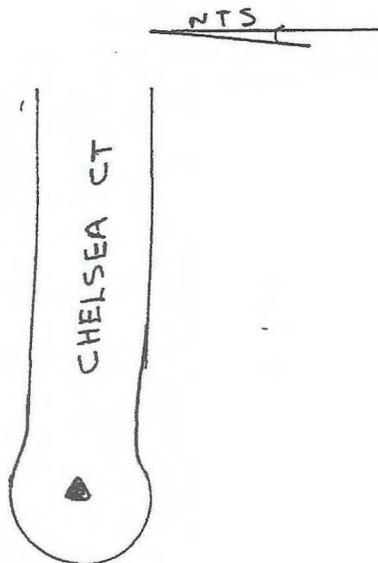
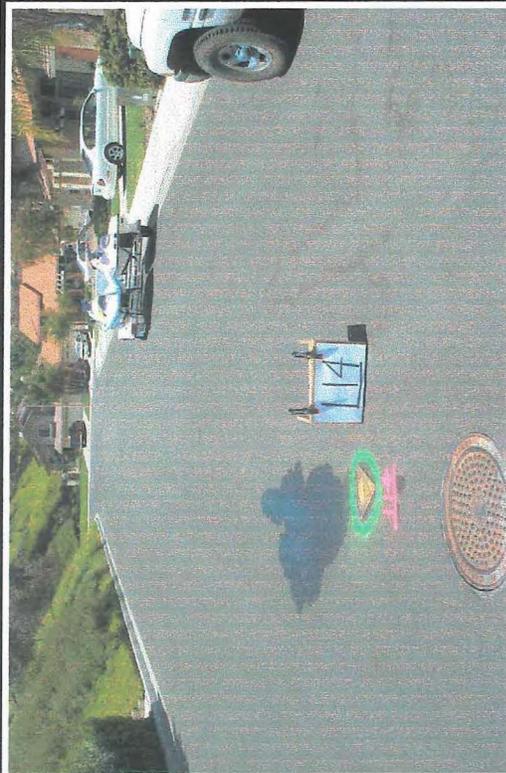
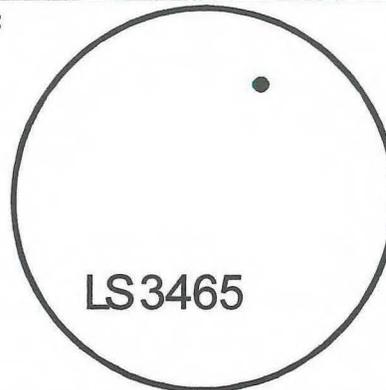
Convergence: -0°34'32.971"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF GATESHEAD RD. AND  
EDINBURGH DR. GO EASTERLY THEN NORTHERLY  
ALONG GATESHEAD RD. 0.1 MI. TO THE END OF CURVE  
AND THE MONUMENT. MONUMENT IS 250 FT.  
SOUTHERLY OF THE BULB CU-DE-SAC IN FRONT OF  
4793 GATESHEAD RD. IN THE MIDDLE OF THE RD.

**Monument Sketch:**



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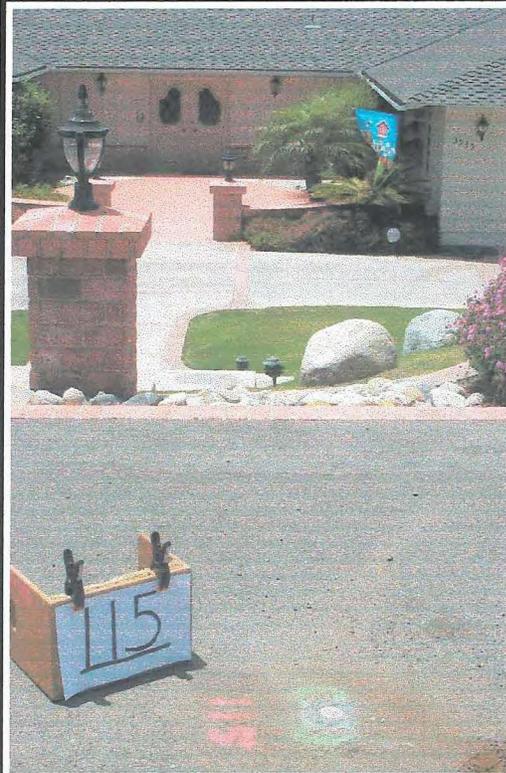
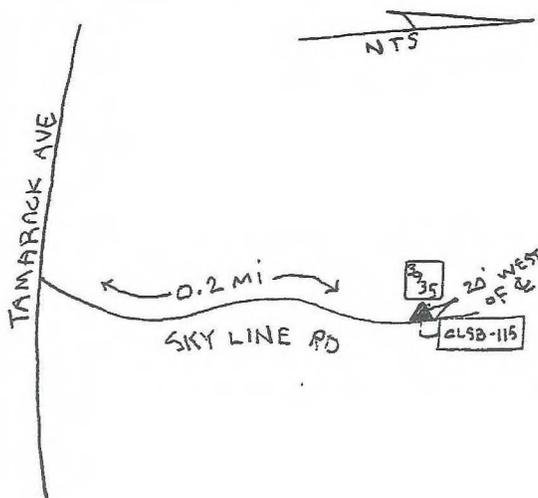
Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 115      Station Name: CLSB-115  
Monument Description:  
SET 2" IRON PIPE AND DISK IN WEST SIDE AC  
SHOULDER OPPOSITE 3935 SKYLINE RD. 0.2 MI. NORTH  
OF TAMARACK AVE.  
Established By:              HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:            5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                      33°9'27.962647"N  
Longitude:                    117°19'13.630776"W  
Ellipsoid Height:            203.784  
Northing:                     2002711.406  
Easting:                      6234066.427  
NGVD29 Elevation:         316.828  
Combined Scale Factor:    0.99994909  
Convergence:                -0°35'17.633"  
Horizontal Order:            FIRST

Monument "To Reach" Description:  
FROM THE INTERSECTION OF TAMARACK AVE. AND  
SKYLINE RD. GO NORTH ON SKYLINE RD. 0.2 MI. TO  
THE MONUMENT ON THE LEFT. MONUMENT IS  
OPPOSITE 3935 SKYLINE RD. 8 FT. FROM EDGE OF  
PAVEMENT IN SHOULDER.

Monument Sketch:



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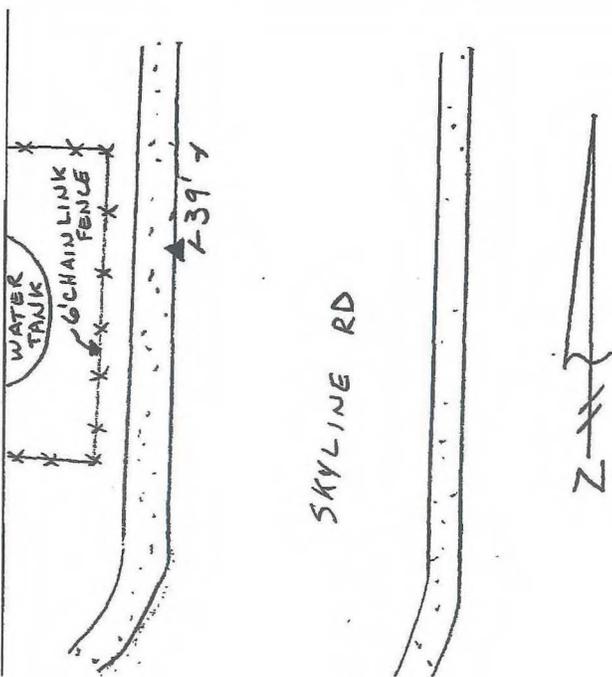
Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 116      Station Name: CLSB-116  
Monument Description:  
SET 2.5" DISK IN WEST CURB OPPOSITE 4264 SKYLINE  
RD. 0.2 MI. SOUTH OF TAMARACK AVE.  
  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
  
Date Established:        5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°9'03.488212"N  
Longitude:                  117°19'08.700857"W  
Ellipsoid Height:         144.143  
Northing:                   2000233.596  
Easting:                    6234460.149  
NGVD29 Elevation:       257.246  
Combined Scale Factor: 0.99995232  
Convergence:             -0°35'14.924"  
Horizontal Order:         FIRST

Monument "To Reach" Description:  
MONUMENT IS LOCATED ON THE WEST SIDE OF  
SKYLINE RD. 0.2 MI. SOUTH OF TAMARACK AVE.  
OPPOSITE 4264 SKYLINE RD. ADJACENT TO A WATER  
TANK FACILITY, 39 FT. SOUTH OF THE NORTHEAST  
ANGLE POINT IN A 6 FT. TALL CHAIN LINK FENCE  
AROUND FACILITY.

Monument Sketch:



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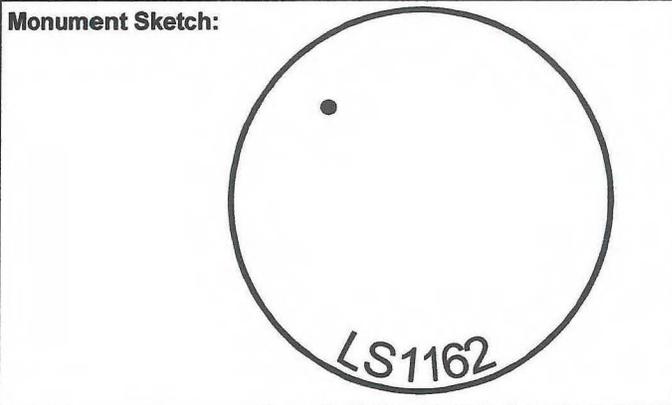
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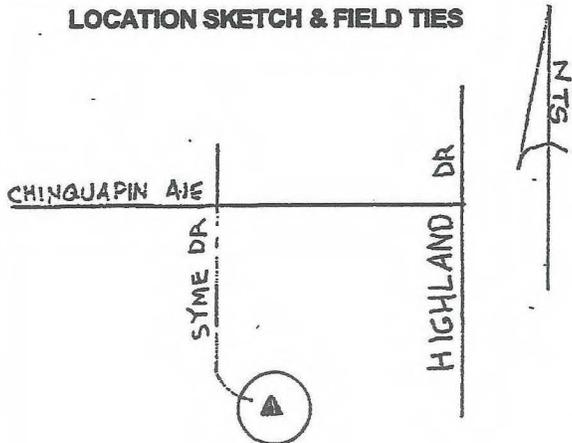
Point Number: 119      Station Name: CLSB-119  
Monument Description:  
WELL MONUMENT IN CENTER OF BULB CUL-DE-SAC AT  
THE SOUTHEAST END OF SYME DRIVE.  
  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
  
Date Established:            5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°9'04.213432"N  
Longitude:                  117°19'48.708410"W  
Ellipsoid Height:            10.451  
Northing:                    2000341.949  
Easting:                    6231059.679  
NGVD29 Elevation:         123.774  
Combined Scale Factor: 0.9999587  
Convergence:                -0°35'36.909"  
Horizontal Order:            FIRST

Monument "To Reach" Description:  
MONUMENT IS IN THE CENTER OF BULB CUL-DE-SAC  
AT THE SOUTHEAST END OF SYME DRIVE. SOUTHEAST  
OF CHINQUAPIN AVE., 7 FT. WEST OF A SEWER  
MANHOLE AND 45 FT. NORTHWEST OF A STREET  
LIGHT.



### LOCATION SKETCH & FIELD TIES



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Phone (760) 434-2808  
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Point Number: 120 Station Name: CLSB-120

**Monument Description:**

SET 2.5" DISK IN WEST CURB OF VALLEY STREET 85 FT. SOUTH OF MAGNOLIA AVE. IN FRONT OF VALLEY JUNIOR HIGH SCHOOL.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

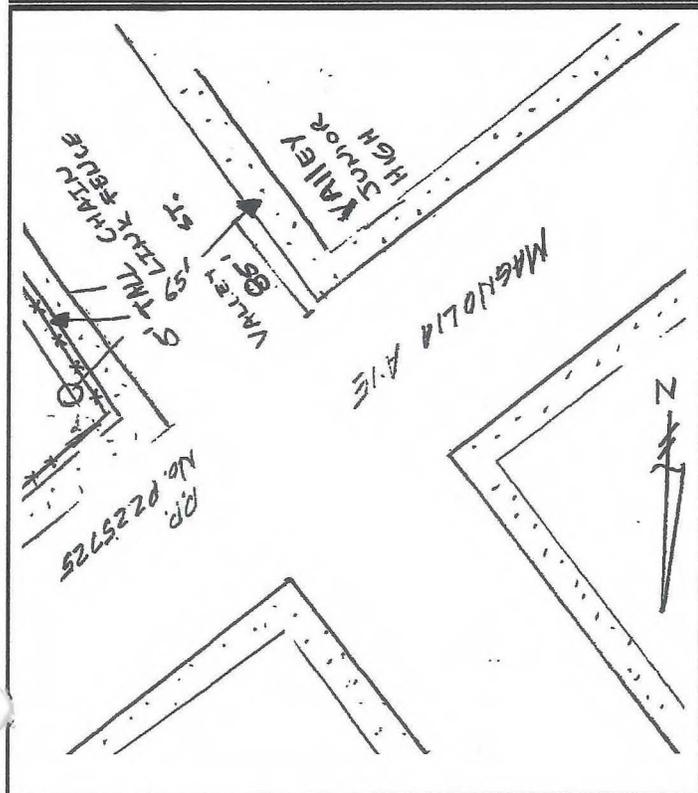
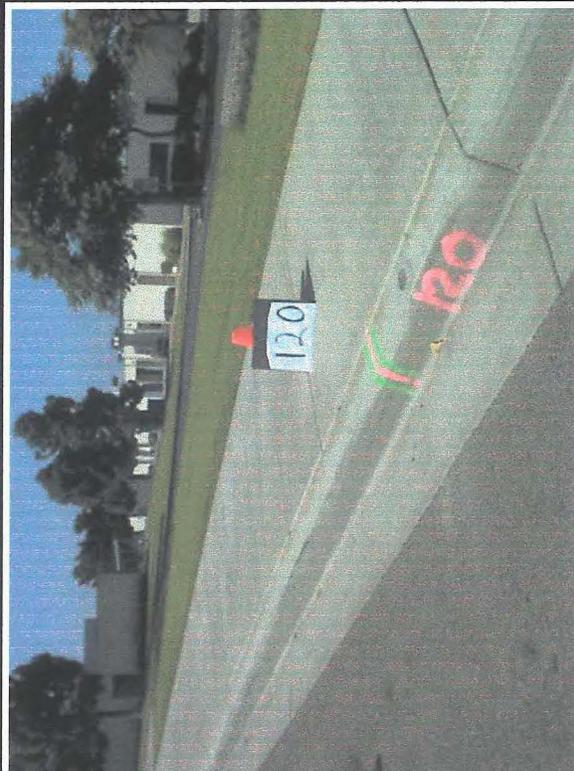
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'32.072262"N  
Longitude: 117°19'43.169896"W  
Ellipsoid Height: 63.359  
Northing: 2003152.625  
Easting: 6231559.658  
NGVD29 Elevation: 176.554  
Combined Scale Factor: 0.99995575  
Convergence: -0°35'33.865"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN WEST CURB OF VALLEY STREET 85 FT. SOUTH OF MAGNOLIA AVE. IN FRONT OF VALLEY JUNIOR HIGH SCHOOL, 65 FT. SOUTHWEST OF POWER POLE NO. P225725.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 121 Station Name: CLSB-121

**Monument Description:**

SET 2.5" DISK IN WEST CURB OPPOSITE 3334 EUREKA STREET AT ANGLE POINT IN CURB AT NORTH END OF PARALLEL PARKING SPACES.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

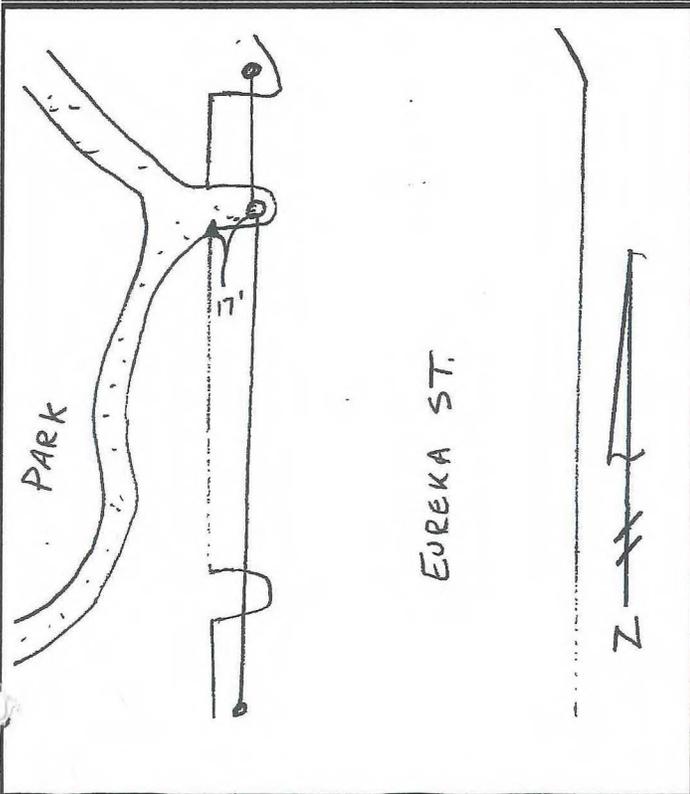
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'35.437086"N  
Longitude: 117°20'20.942382"W  
Ellipsoid Height: -33.082  
Northing: 2003526.073  
Easting: 6228352.289  
NGVD29 Elevation: 80.303  
Combined Scale Factor: 0.99996032  
Convergence: -0°35'54.622"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN WEST CURB OPPOSITE 3334 EUREKA STREET AT ANGLE POINT IN CURB AT NORTH END OF PARALLEL PARKING SPACES, 17 FT. SOUTHWEST OF POWER POLE NO. 24625.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 123 Station Name: CLSB-123

**Monument Description:**

SET 2.5" DISK IN DRAINAGE BOX INLET WEST SIDE OF MONROE STREET ON THE WESTERLY PROLONGATION OF THE NORTHERLY CURB OF GAYLE WAY IN FRONT

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

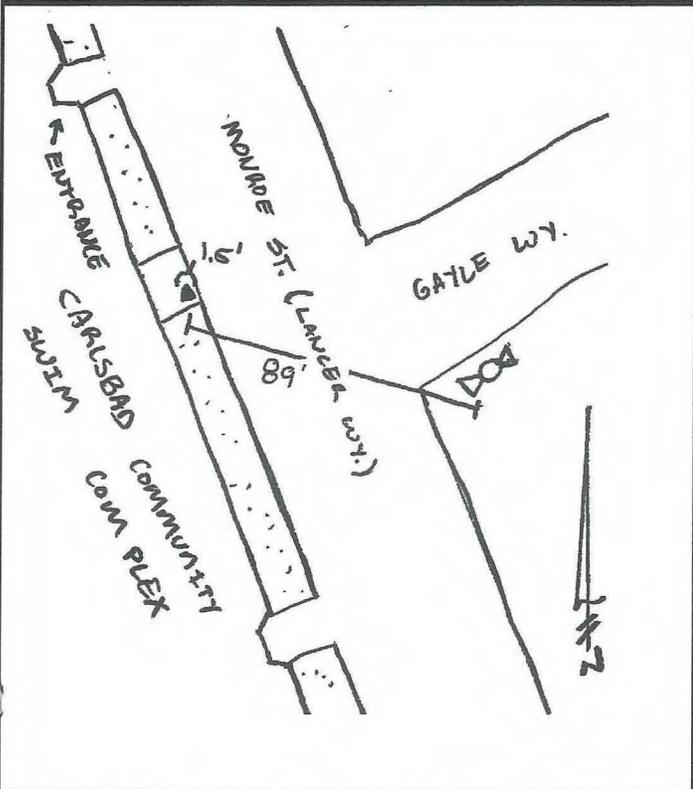
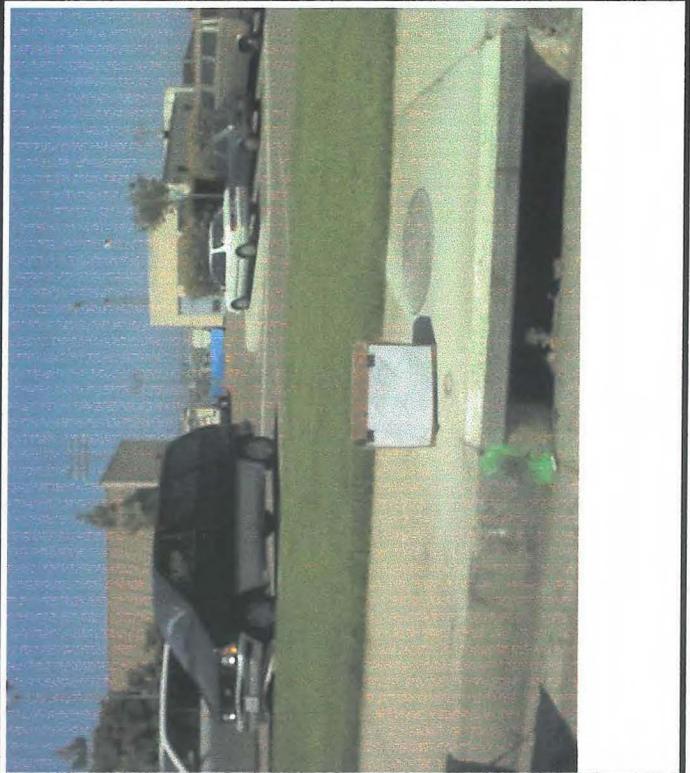
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'54.081040"N  
Longitude: 117°19'43.314547"W  
Ellipsoid Height: 95.015  
Northing: 2005377.069  
Easting: 6231570.375  
NGVD29 Elevation: 208.131  
Combined Scale Factor: 0.99995392  
Convergence: -0°35'33.945"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN DRAINAGE BOX INLET ON THE WEST SIDE OF MONROE STREET AT THE WESTERLY PROLONGATION OF THE NORTHERLY CURB OF GAYLE WAY IN FRONT OF CITY COMMUNITY SWIM CENTER, 1.5 FT. FROM CURB AND 89 FT. NORTHWESTERLY OF A FIRE HYDRANT.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 125 Station Name: CLSB-125

**Monument Description:**

SET 2" IRON PIPE AND DISK ALONG GAS LINE EASEMENT ROAD AT THE SOUTHWEST CORNER OF LEISURE VILLAGE IN VISTA AND 5 FT. EASTERLY OF A

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

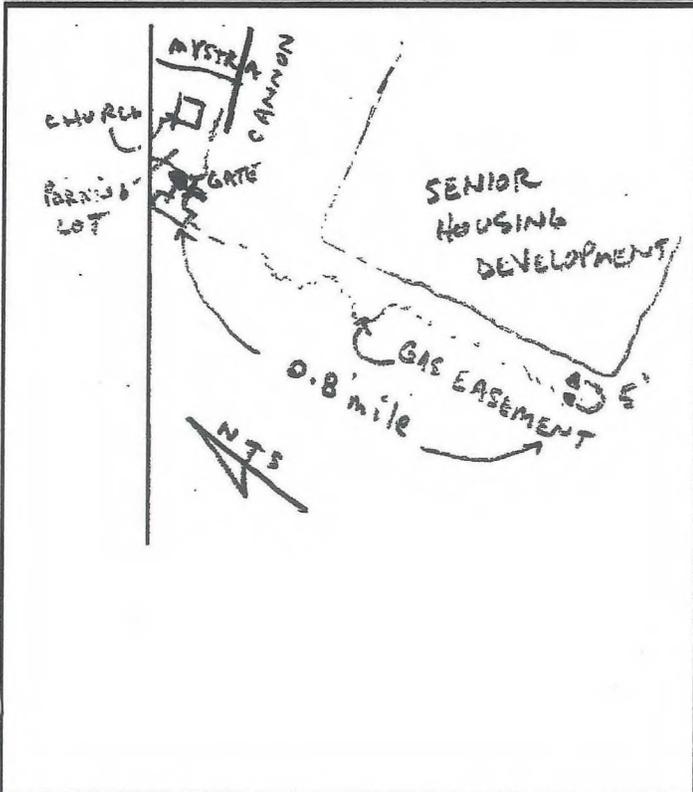
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°9'12.185081"N  
Longitude: 117°16'14.437264"W  
Ellipsoid Height: 310.106  
Northing: 2000964.072  
Easting: 6249283.752  
NGVD29 Elevation: 422.238  
Combined Scale Factor: 0.99994424  
Convergence: -0°33'39.163"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM CANNON RD. AND MYSTRA DR. GO NORTH ON ON MYSTRA TO A CHURCH ON THE 1<sup>ST</sup> LOT ON THE LEFT. TURN LEFT INTO CHURCH PARKING LOT AND GO TO THE SOUTHWEST CORNER OF LOT, GO PART WAY DOWN EXIT RAMP TO CANNON RD. AND TURN RIGHT ONTO PAVED ACCESS RD. AND GATE. PROCEED THROUGH GATE TO THE DIRT ROAD ALONG A GAS LINE EASEMENT. TURN LEFT, GO SOUTH ALONG GAS LINE EASEMENT RD. 0.8 MI. TO THE END OF THE SENIOR HOUSING DEVELOPMENT AND THE POINT ON THE LEFT. MONUMENT IS 5 FT. EASTERLY OF A GAS LINE MARKER POST.

**Monument Sketch:**



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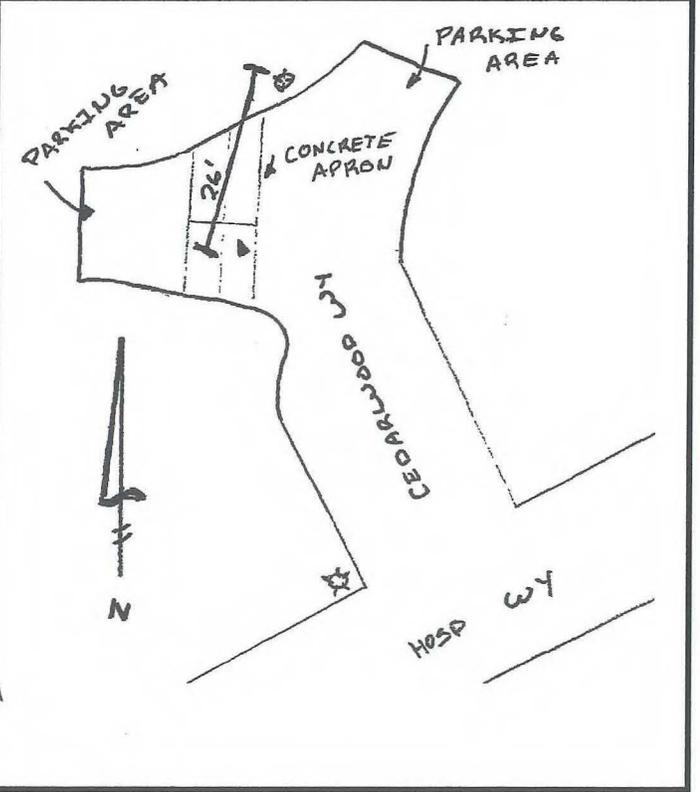
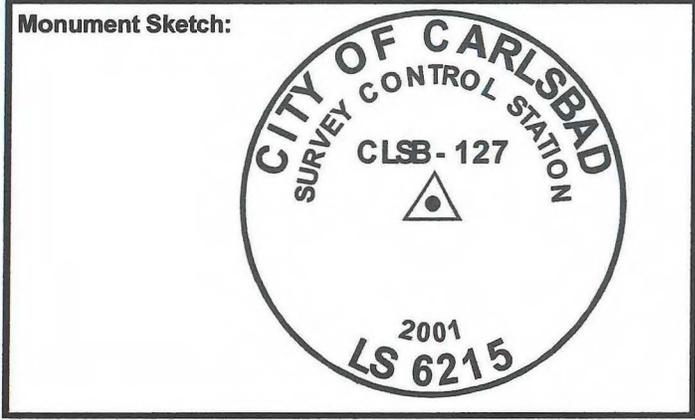
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 127      Station Name: CLSB-127  
Monument Description:  
SET 2.5" DISK IN CONCRETE CROSS GUTTER AT THE  
NORTH END OF CEDARWOOD WAY, 400 FT. NORTH OF  
HOSP WAY.  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:        5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe  
Latitude:                    33°10'20.546861"N  
Longitude:                  117°19'58.511313"W  
Ellipsoid Height:         34.953  
Northing:                   2008065.23  
Easting:                    6230306.415  
NGVD29 Elevation:       148.059  
Combined Scale Factor: 0.99995642  
Convergence:              -0°35'42.295"  
Horizontal Order:         FIRST

Monument "To Reach" Description:  
MONUMENT IS IN CONCRETE CROSS GUTTER OF THE  
WESTERLY PARKING AREA AT NORTH END OF  
CEDARWOOD WAY, 400 FT. NORTH OF HOSP WAY, 26  
FT. SOUTHWEST OF A STREET LIGHT.



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

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1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 130      Station Name: CLSB-130

**Monument Description:**

SET 2.5" DISK IN SOUTHEAST CORNER OF DRAINAGE BOX INLET AT THE END OF CURB RETURN IN THE NORTHEAST CORNER OF GRAND AVENUE AND

Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.

Date Established:            5/18/2001

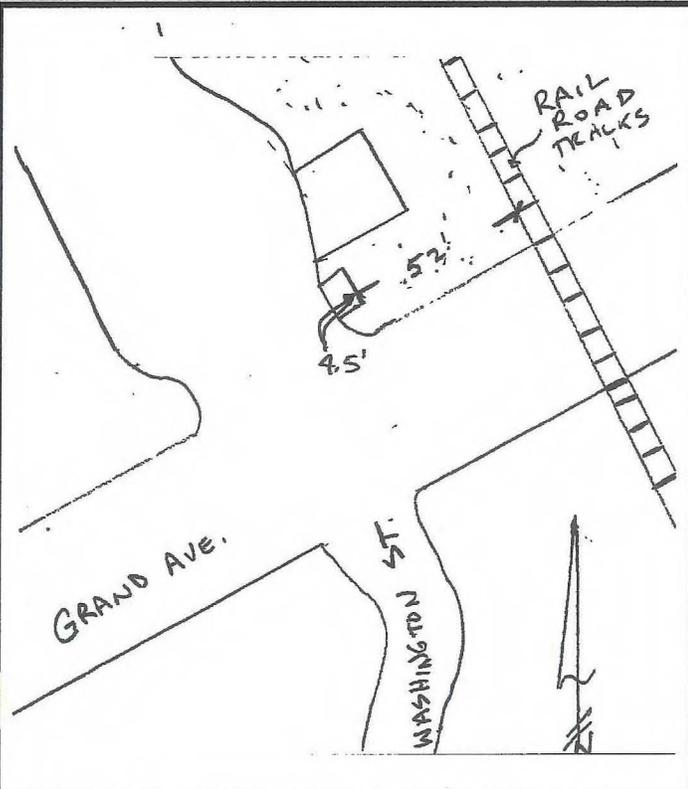
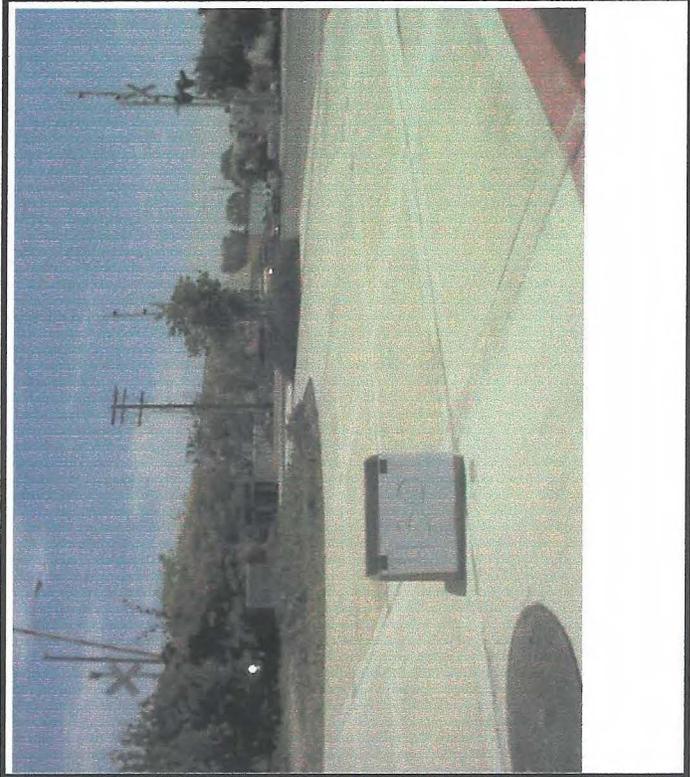
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude:                    33°9'37.035879"N  
Longitude:                  117°21'02.219639"W  
Ellipsoid Height:           -72.692  
Northing:                   2003724.503  
Easting:                    6224845.188  
NGVD29 Elevation:        40.91  
Combined Scale Factor: 0.99996219-080  
Convergence:              -0°36'17.304"  
Horizontal Order:         FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE NORTHEAST CORNER OF GRAND AVE. AND WASHINGTON ST. 52 FT. WEST OF RAIL ROAD TRACKS, 4.5 FT. EAST OF THE EASTERLY CURB OF WASHINGTON ST. AND 40 FT. NORTH OF THE CENTER OF GRAND AVE.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

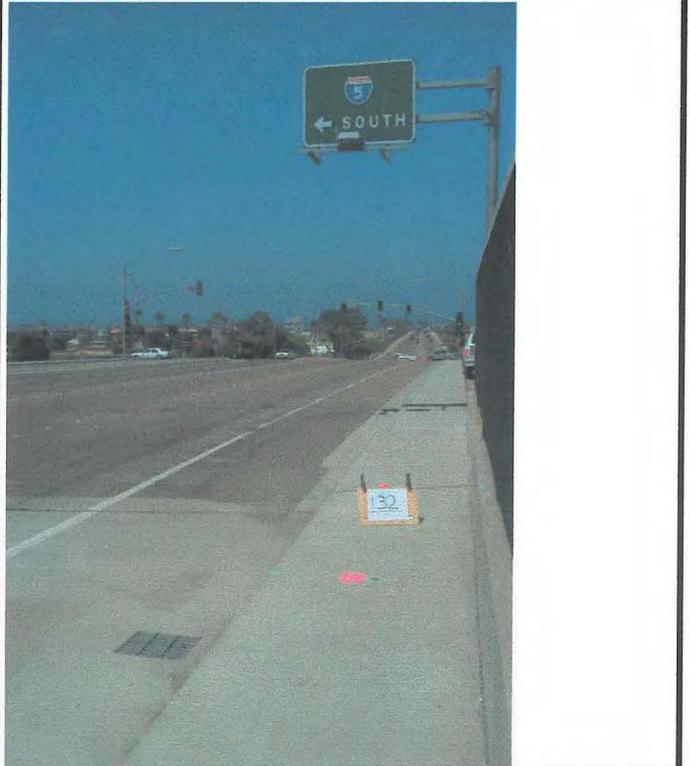
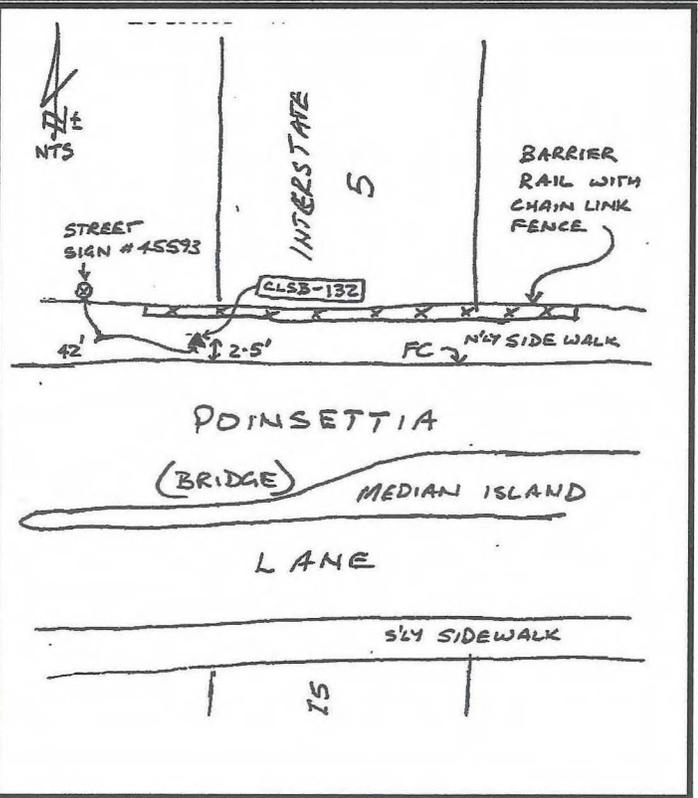
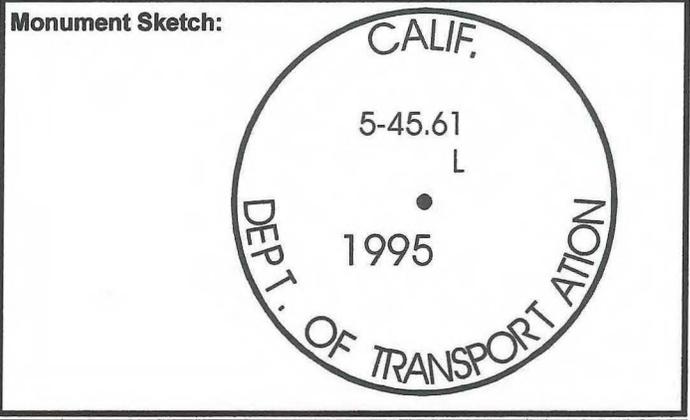
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 132      Station Name: 5-45.61 L  
Monument Description:  
FD. CADT DISK IN NORTHWEST CORNER OF  
POINSETTIA LANE BRIDGE OVER INTERSTATE 5  
  
Established By:            CALIFORNIA DEPARTMENT  
   OF TRANSPORTATION  
  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee  
Latitude:                    33°6'12.503256"N  
Longitude:                 117°18'39.370895"W  
Ellipsoid Height:         -9.906  
Northing:                 1982927.56  
Easting:                  6236777.793  
NGVD29 Elevation:       103.617  
Combined Scale Factor: 0.99996266  
Convergence:             -0°34'58.806"  
Horizontal Order:         FIRST

Monument "To Reach" Description:  
MONUMENT IS IN NORTHWEST CORNER OF  
POINSETTIA LANE BRIDGE OVER INTERSTATE 5, 2.5 FT.  
FROM CURB AND 42 FT. EASTERLY OF A STREET SIGN.



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

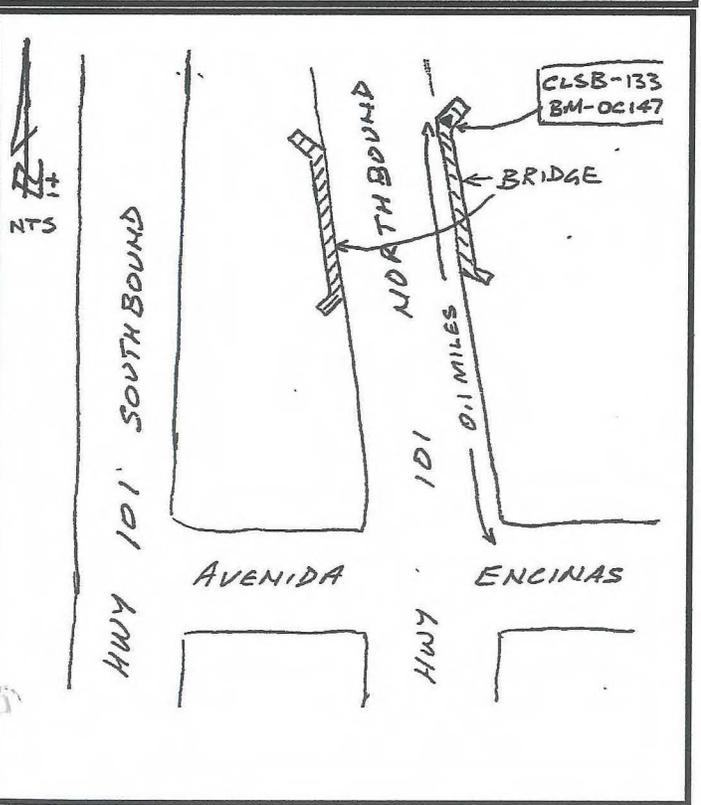
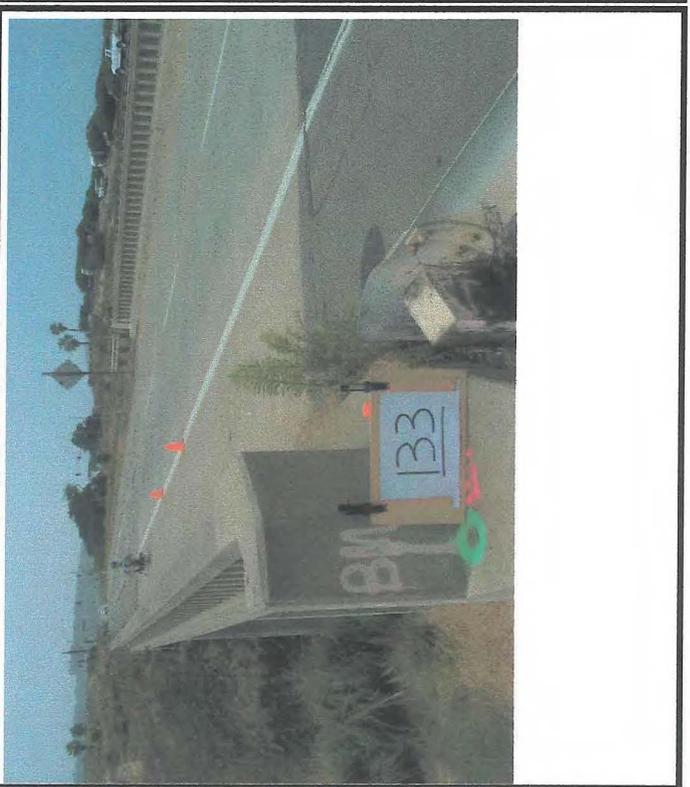
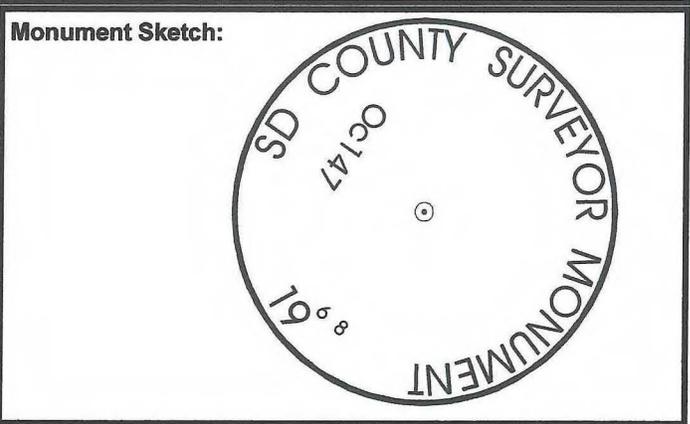
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 133      Station Name: BM - OC 147  
Monument Description:  
FD. SAN DIEGO COUNTY DISK IN NORTHEAST CORNER  
OF THE NORTHBOUND COAST HIGHWAY 101 BRIDGE  
OVER PONTO CREEK, 0.1 MI. NORTH OF SOUTH  
Established By:      SAN DIEGO COUNTY  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee  
Latitude: 33°5'37.431106"N  
Longitude: 117°18'52.179110"W  
Ellipsoid Height: -63.147  
Northing: 1979394.115  
Easting: 6235652.13  
NGVD29 Elevation: 50.56  
Combined Scale Factor: 0.9999659  
Convergence: -0°35'05.845"  
Horizontal Order: FIRST

Monument "To Reach" Description:  
FROM THE SOUTHERLY INTERSECTION OF AVENIDA  
ENCINAS AND COAST HWY. 101, GO NORTH ON NORTH  
BOUND COAST HWY. 101 0.1 MI. TO THE PONTO CREEK  
BRIDGE AND THE MONUMENT ON THE RIGHT.  
MONUMENT IS IN THE NORTHEAST CORNER OF THE  
NORTHBOUND COAST HIGHWAY 101 BRIDGE OVER  
PONTO CREEK.



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A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 137 Station Name: CLSB-137

**Monument Description:**

SET ROD TO REFUSAL IN CENTER OF TURN AROUND CIRCLE, SOUTH BOUND CARLSBAD BLVD. IN THE SOUTHWEST QUADRANT OF THE JUNCTION WITH

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'23.858189"N

Longitude: 117°19'42.694342"W

Ellipsoid Height: -52.935

Northing: 1990194.279

Easting: 6231466.046

NGVD29 Elevation: 60.7

Combined Scale Factor: 0.9999634

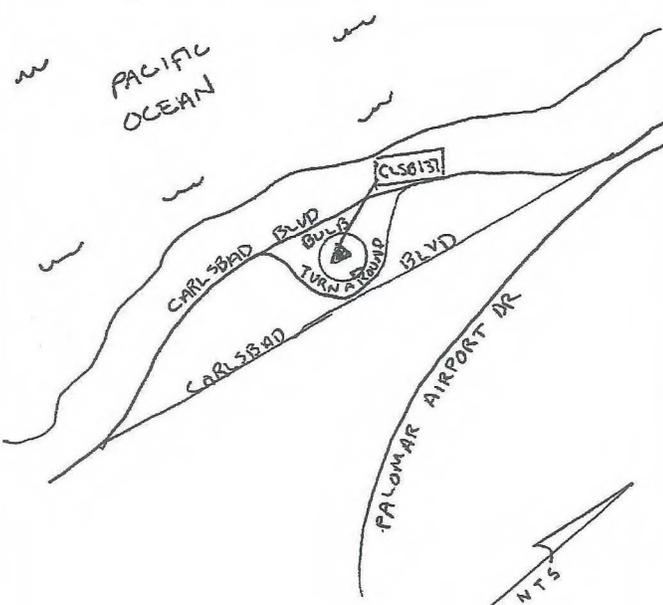
Convergence: -0°35'33.604"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF CANNON RD. AND CARLSBAD BLVD. GO SOUTH ON CARLSBAD BLVD. 0.5 MI. TO SPLIT IN RD. TAKE RIGHT SPLIT, GO 600 FT. TO A BULB TURN AROUND AND THE POINT ON THE LEFT. POINT IS LOCATED IN THE CENTER ISLAND OF BULB TURN AROUND, 20 FT. WESTERLY OF A DRAINAGE INLET BOX.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 138 Station Name: CLSB-138

**Monument Description:**

SET 2.5" DISK IN DRAINAGE BOX INLET SOUTH SIDE OF PALOMAR AIRPORT ROAD 61 FT. WEST OF THE BEGINNING OF THE BRIDGE OVER INTERSTATE 5.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'19.104704"N

Longitude: 117°19'21.533417"W

Ellipsoid Height: -39.386

Northing: 1989695.304

Easting: 6233260.661

NGVD29 Elevation: 74.15

Combined Scale Factor: 0.99996283

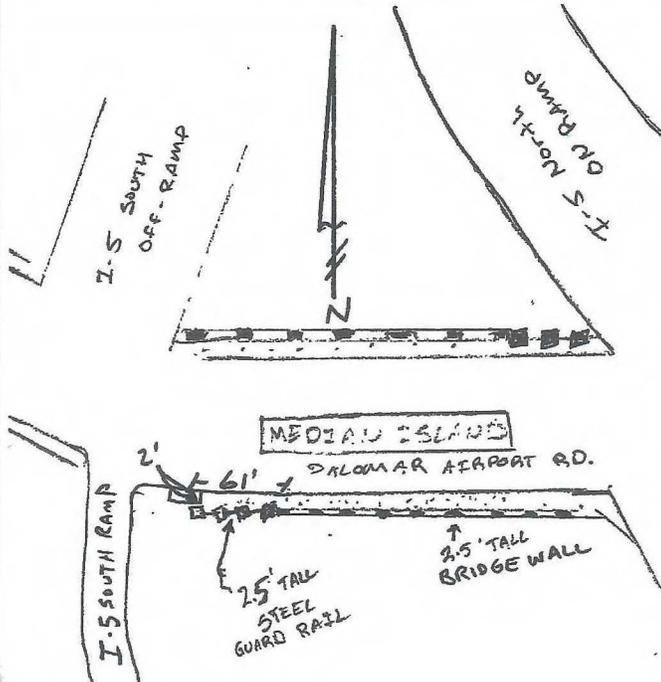
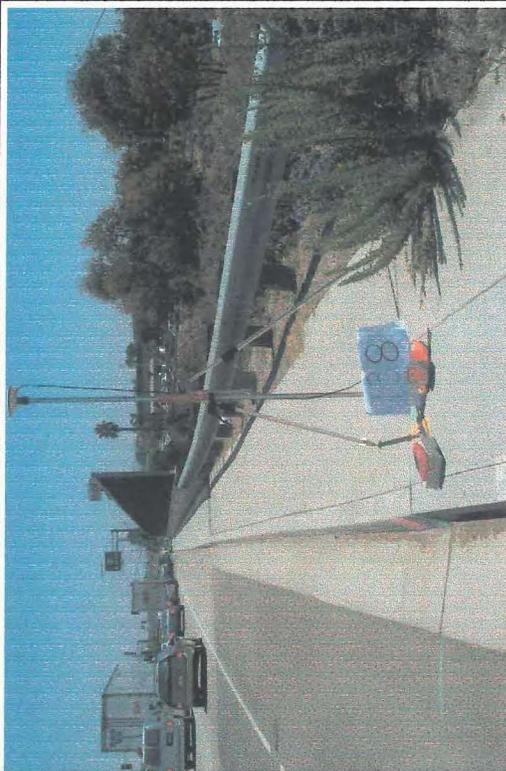
Convergence: -0°35'21.975"

Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE EAST END OF A DRAINAGE BOX INLET ON THE SOUTH SIDE OF PALOMAR AIRPORT ROAD 61 FT. WEST OF THE BEGINNING OF THE BRIDGE OVER INTERSTATE 5 AND 2 FT. SOUTH OF CURB.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 139 Station Name: 5-50.7

**Monument Description:**

FD. CADT DISK IN SOUTH SIDEWALK NEAR THE EAST END OF LAS FLORES DRIVE BRIDGE OVER INTERSTATE 5.

Established By: CALIFORNIA DEPARTMENT OF TRANSPORTATION

Date Established:

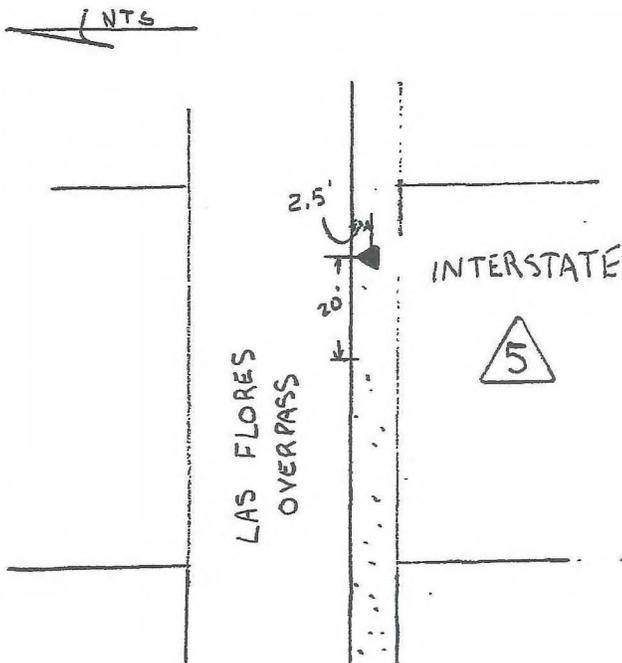
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee

Latitude: 33°10'14.194051"N  
Longitude: 117°20'45.778215"W  
Ellipsoid Height: -31.161  
Northing: 2007465.166  
Easting: 6226282.274  
NGVD29 Elevation: 82.221  
Combined Scale Factor: 0.99995967  
Convergence: -0°36'08.269"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN SOUTH SIDEWALK NEAR THE EAST END OF LAS FLORES DRIVE BRIDGE OVER INTERSTATE 5, 50 FT. EAST OF CENTER OF OVERPASS AND 2.5 FT. SOUTH OF CURB.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 141 Station Name: CLSB-141

**Monument Description:**

SET 2.5" DISK IN SOUTHEAST CORNER OF VAULT  
ADJACENT TO THE NORTHEAST CORNER OF THE  
NORTHBOUND COAST HIGHWAY 101 BRIDGE OVER

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 5/18/2001

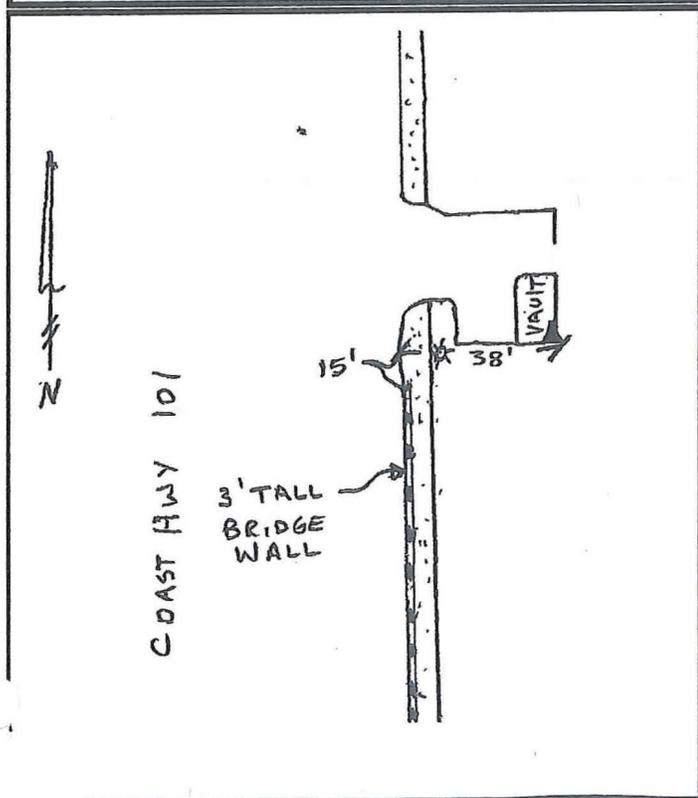
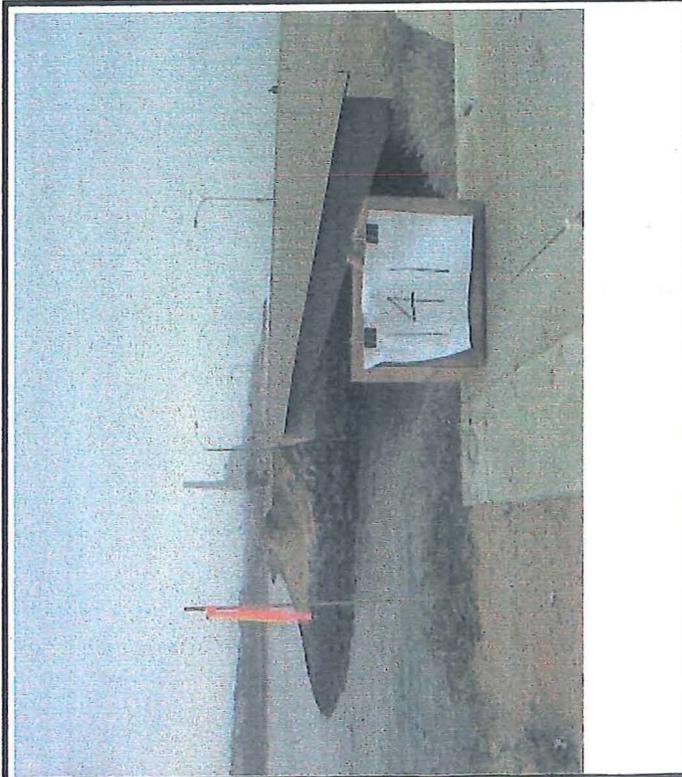
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°8'45.471720"N  
Longitude: 117°20'37.546809"W  
Ellipsoid Height: -87.134  
Northing: 1998491.112  
Easting: 6226887.845  
NGVD29 Elevation: 26.518  
Combined Scale Factor: 0.99996366  
Convergence: -0°36'03.746"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

MONUMENT IS IN THE SOUTHEAST CORNER OF A  
VAULT ADJACENT TO THE NORTHEAST CORNER OF  
THE NORTHBOUND COAST HIGHWAY 101 BRIDGE  
OVER AGUA HEDIONDA LAGOON, 0.1 MI. SOUTH OF  
TAMARACK AVENUE, 38 FT. EAST OF THE EDGE OF  
PAVEMENT BY A SINGLE PARKING SPACE FOR THE  
FACILITY.

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 144 Station Name: CLSB-144

**Monument Description:**

SET 2" IRON PIPE WITH DISK IN OPEN SPACE AREA EAST OF EL FUERTE RD. SOUTH OF THE EXTENSION OF CORINTIA ST. AND NORTH OF SAN MARCOS CREEK

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 6/18/2001

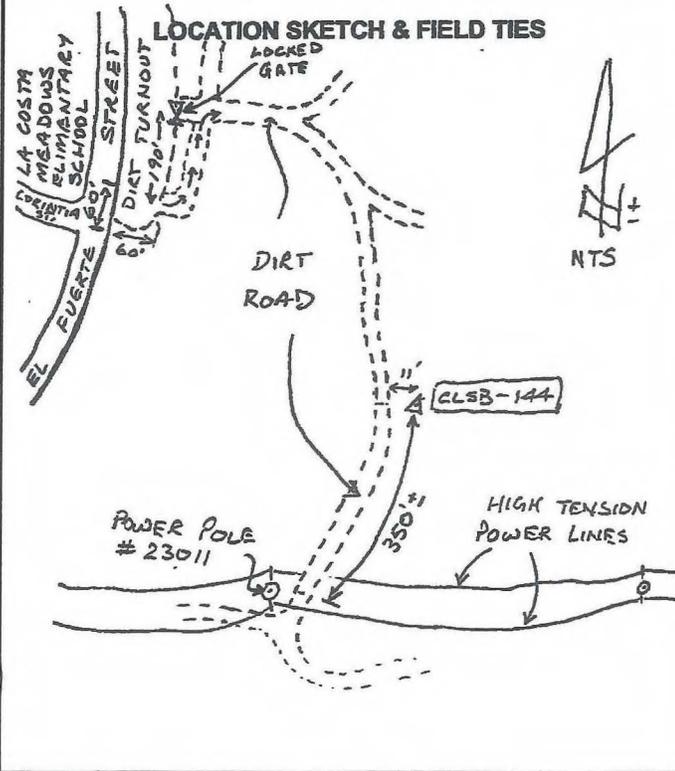
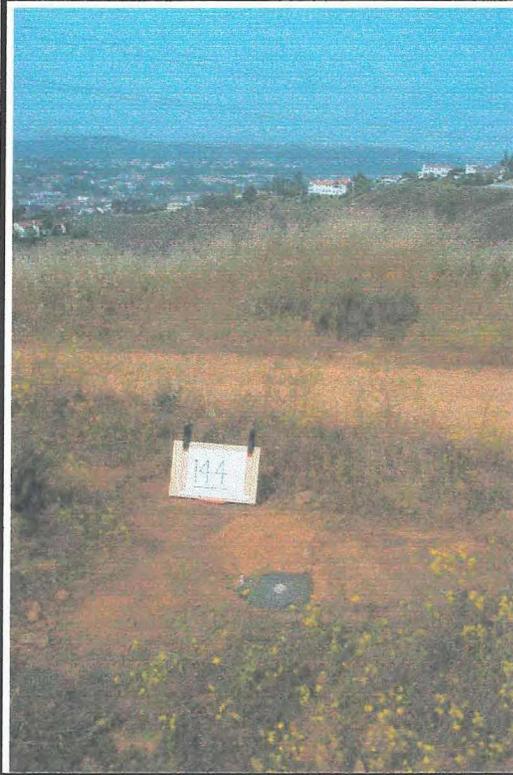
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'49.041067"N  
Longitude: 117°14'20.823769"W  
Ellipsoid Height: 316.692  
Northing: 1980340.139  
Easting: 6258747.594  
NGVD29 Elevation: 428.874  
Combined Scale Factor: 0.99994749  
Convergence: -0°32'36.730"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF EL FUERTE ST. AND CORINTIA ST. GO NORTHERLY ON EL FUERTE ST. 60 FT. ALONG A DIRT TURNOUT ON THE RIGHT OPPOSITE LA COSTA MEADOWS ELEMENTARY SCHOOL, TURN RIGHT, GO 60 FT. ACROSS TURNOUT TO A DIRT RD. GO NORTHEASTERLY ALONG DIRT ROAD 190 FT. TO A DIRT RD. BY A LOCKED GATE, TURN RIGHT GO EASTERLY ALONG DIRT RD. 300 FT. TO A FORK, TAKE RIGHT FORK, GO SOUTHEASTERLY 0.1 MI. TO ANOTHER FORK, TAKE RIGHT FORK, GO SOUTHERLY 0.3 MI. TO THE MONUMENT ON THE LEFT. MONUMENT IS 350 FT. NORTHERLY OF HIGH TENSION POWER POLE NO. 23011 AND IS 11 FT. EASTERLY OF THE EDGE OF DIRT RD.

**Monument Sketch:**



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1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 145 Station Name: CLSB-145

**Monument Description:**

SET 2" IRON PIPE WITH DISK IN OPEN SPACE AREA APPROXIMATELY 1/2 MI. EAST OF EL FUERTE RD OPPOSITE THE EXTENSION OF CORINTIA ST. AND

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 6/18/2001

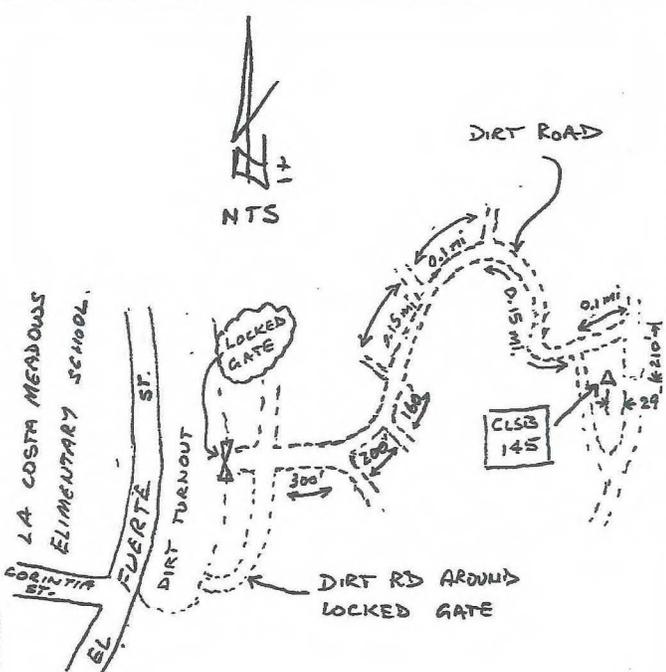
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'00.637573"N  
Longitude: 117°13'54.881621"W  
Ellipsoid Height: 502.278  
Northing: 1981491.284  
Easting: 6260965.468  
NGVD29 Elevation: 614.275  
Combined Scale Factor: 0.99993838  
Convergence: -0°32'22.474"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF EL FUERTE ST. AND CORINTIA ST. GO NORTHERLY ON EL FUERTE ST. 60 FT. ALONG A DIRT TURNOUT ON THE RIGHT OPPOSITE LA COSTA MEADOWS ELEMENTARY SCHOOL, TURN RIGHT, GO 60 FT. ACROSS TURNOUT TO A DIRT RD. GO NORTHEASTERLY ALONG DIRT ROAD 190 FT. TO A DIRT RD. BY A LOCKED GATE, TURN RIGHT GO EASTERLY ALONG DIRT RD. 300 FT. TO A FORK, TAKE LEFT FORK, GO NORTHEAST 200 FT. TO A FORK IN DIRT RD. TAKE LEFT FORK GO 160 FT. TO A FORK IN DIRT RD. TAKE RIGHT FORK GO NORTHEASTERLY 0.15 MI. TO ANOTHER FORK, TAKE RIGHT FORK, CONTINUE ALONG A CURVE TO THE RIGHT 0.1 MI. TO ANOTHER FORK, TAKE RIGHT FORK, CONTINUE EASTERLY, SOUTHEASTERLY THEN EASTERLY 0.15 MI. TO A FORK, TAKE LEFT FORK, CONTINUE EASTERLY 0.1 MI TO A DIRT RD. TEE INTERSECTION, TURN RIGHT, GO SOUTH 210 FT. TO THE MONUMENT ON THE RIGHT

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 146 Station Name: CLSB-146

**Monument Description:**

SET 2" IRON PIPE WITH DISK OFF DIRT ROAD 1/2 MI. SOUTH OF MAHR RESERVOIR.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 6/18/2001

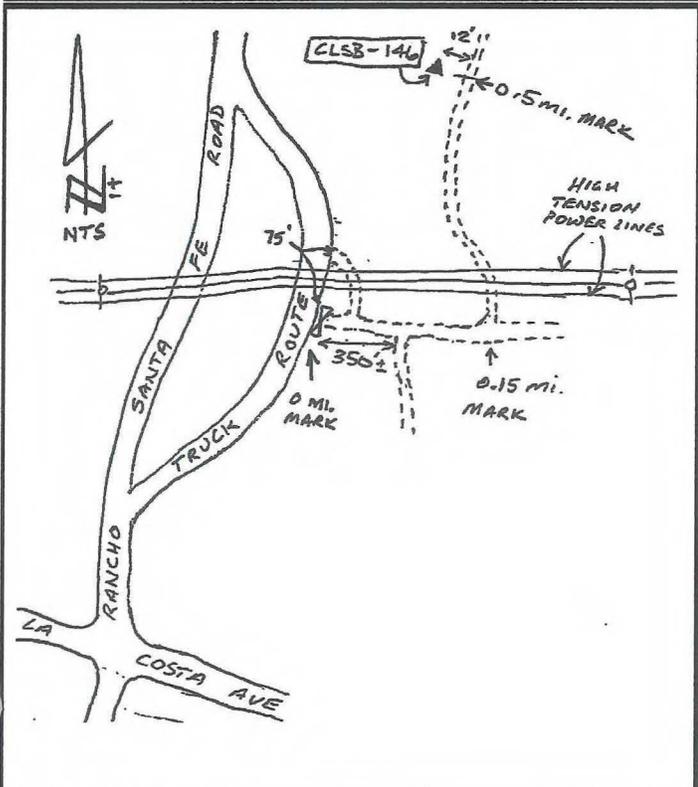
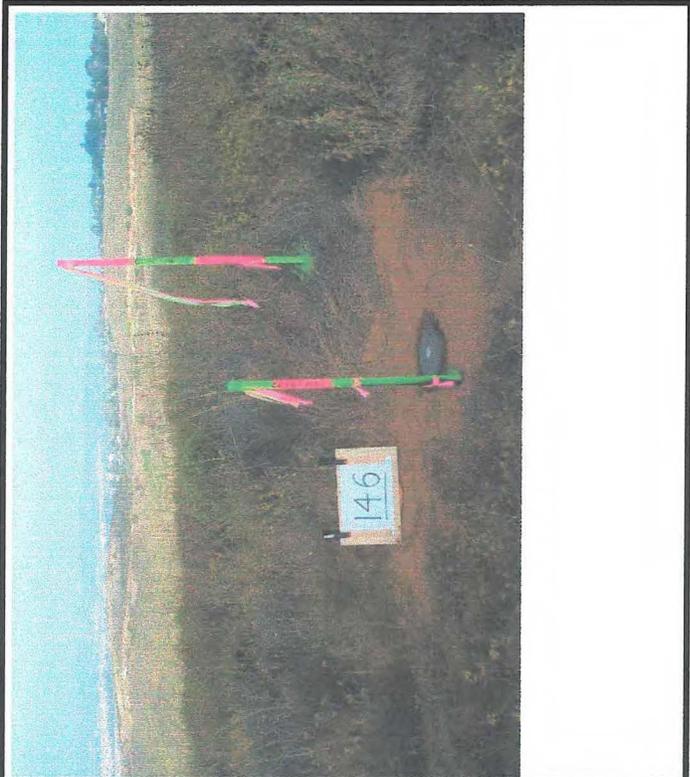
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'18.065011"N  
Longitude: 117°13'21.643992"W  
Ellipsoid Height: 444.239  
Northing: 1977162.174  
Easting: 6263752.673  
NGVD29 Elevation: 556.197  
Combined Scale Factor: 0.99994202  
Convergence: -0°32'04.210"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF LA COSTA AVE. AND RANCHO SANTA FE ROAD GO NORTH ON RANCHO SANTA FE RD. 200 FT. TO TRUCK ROUTE TURNOFF, TAKE TRUCK ROUTE GO NORTH 0.5 MI. TO A DIRT ROAD UNDER TRANSMISSION LINES AND A LOCKED GATE ON THE RIGHT (ALTERNATE ENTRANCE EXISTS 75 FT. NORTH WITHOUT A GATE) TURN RIGHT GO EAST ALONG DIRT ROAD 0.15 MI. TO A DIRT RD. HEADING NORTH, TURN LEFT GO NORTH ON DIRT RD. 0.35 MI. TO THE POINT ON THE LEFT, 12 FT. WESTERLY OF THE EDGE OF DIRT RD.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 148 Station Name: SM 1118

**Monument Description:**

FD. U.S. COAST AND GEODETIC SURVEY DISK IN CONCRETE MONUMENT IS 8.5 FT. OFF THE EASTERLY E.P. OF RANCHO SANTA FE RD. 0.9 MI. NORTHEAST OF

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

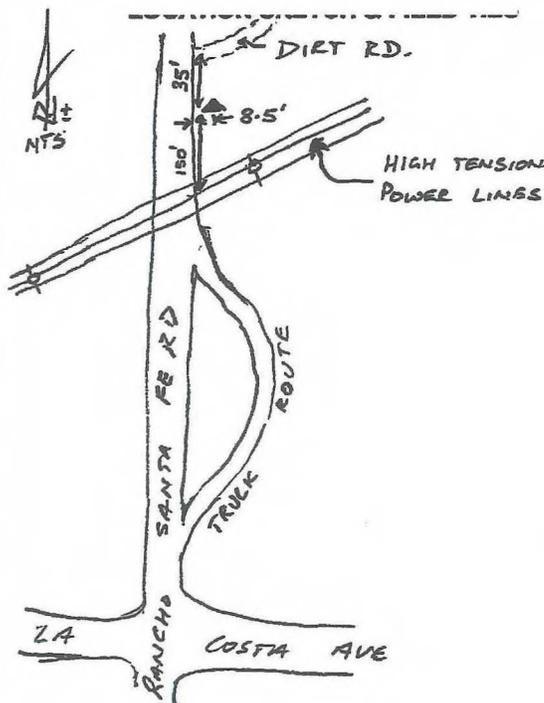
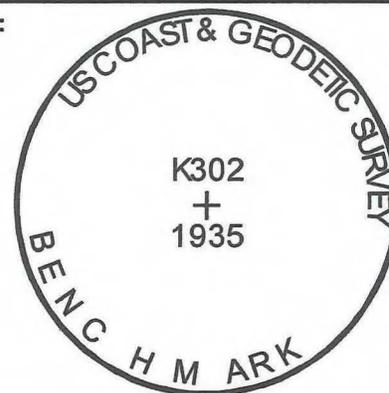
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°5'43.416668"N  
Longitude: 117°13'31.572684"W  
Ellipsoid Height: 421.341  
Northing: 1979732.237  
Easting: 6262931.95  
NGVD29 Elevation: 533.27  
Combined Scale Factor: 0.9999426  
Convergence: -0°32'09.666"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF LA COSTA AVE. AND RANCHO SANTA FE RD. GO NORTH ON RANCHO SANTA FE RD. 0.8 MI. TO THE TRUCK ROUTE RE-ENTRY RAMP, CONTINUE NORTHERLY ON RANCHO SANTA FE RD. 200 FT. TO HIGH POWER TRANSMISSION LINE CROSSING, CONTINUE ON RANCHO SANTA FE RD. 185 FT. TO THE INTERSECTION WITH A DIRT RD. ON THE RIGHT, TURN RIGHT ON DIRT RD AND STOP. THE POINT IS 35 FT. SOUTHERLY OF THE DIRT RD. 8.5 FT. EASTERLY OF THE EASTERLY EDGE OF PAVEMENT OF RANCHO SANTA FE RD.

**Monument Sketch:**



**HUNSAKER & ASSOCIATES**  
SAN DIEGO, INC.  
PLANNING ■ ENGINEERING ■ SURVEYING

10179 Huennekens St. • Suite 200 • San Diego, CA 92121  
PH: (858) 558-4500 FX: (858) 558-1414



# CITY OF CARLSBAD SURVEY CONTROL NETWORK

A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 151 Station Name: VWD 3083

**Monument Description:**

FD. 2" IRON PIPE WITH DISK IN AC. ENTRANCE TO VWD TWIN TANKS. 0.2 MILES EASTERLY ALONG DRIVEWAY FROM THE EAST END OF OF VIA DEL CORVO.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established:

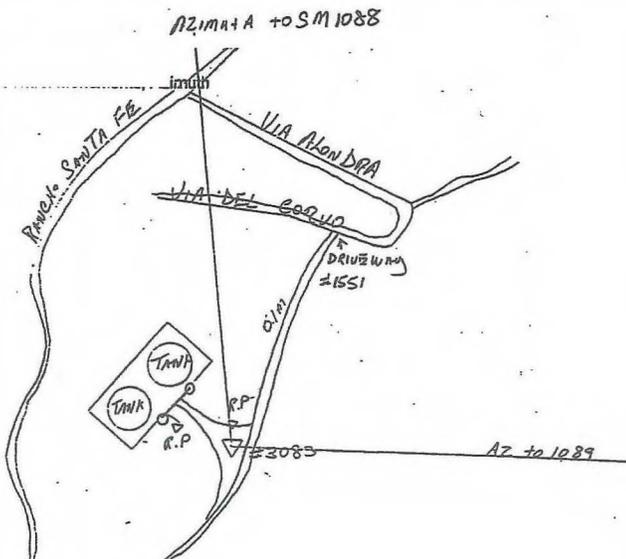
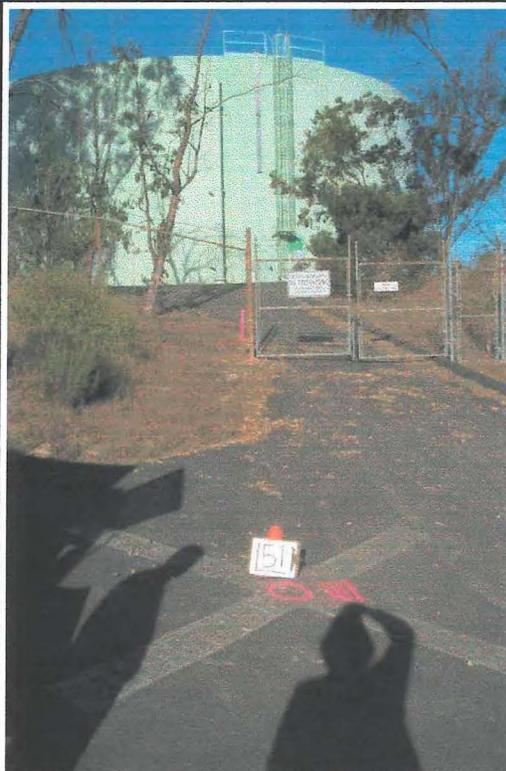
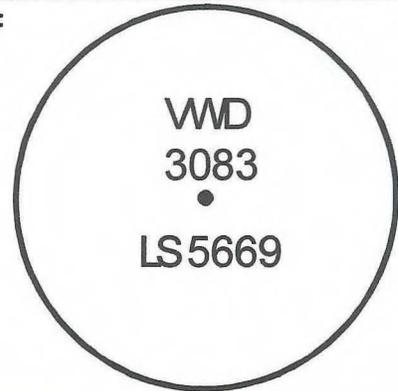
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'44.710553"N  
Longitude: 117°13'08.180349"W  
Ellipsoid Height: 691.745  
Northing: 1985908.374  
Easting: 6264979.487  
NGVD29 Elevation: 803.346  
Combined Scale Factor: 0.99992847  
Convergence: -0°31'56.811"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF VIA ALLONDRA AND RANCHO SANTA FE RD. GO 0.3 MI. SOUTHEAST ON VIA ALLONDRA TO VIA DEL CORVO, CONTINUE ON VIA DEL CORVO 0.1 MI. TO DRIVEWAY TO SOUTH #1551, GO UP DRIVEWAY 0.2 MI. ES TO ENTRANCE TO TWIN V.W.D. WATER TANKS. MONUMENT IS IN THE MIDDLE OF THE AC ENTRANCE TO THE TANKS 32 FEET FROM THE ENTRY GATE.

**Monument Sketch:**



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Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 153 Station Name: CLSB-153

### Monument Description:

SET 2" IRON PIPE WITH DISK IN OPEN SPACE LOT 27 FOR LA COSTA GREENS TM. 60 FT. +/- SOUTHWESTERLY OF A DIRT ROAD TO THE NORTH

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 6/18/2001

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°6'34.202490"N

Longitude: 117°15'32.536091"W

Ellipsoid Height: 18.208

Northing: 1984962.833

Easting: 6252691.373

NGVD29 Elevation: 130.632

Combined Scale Factor: 0.9999609

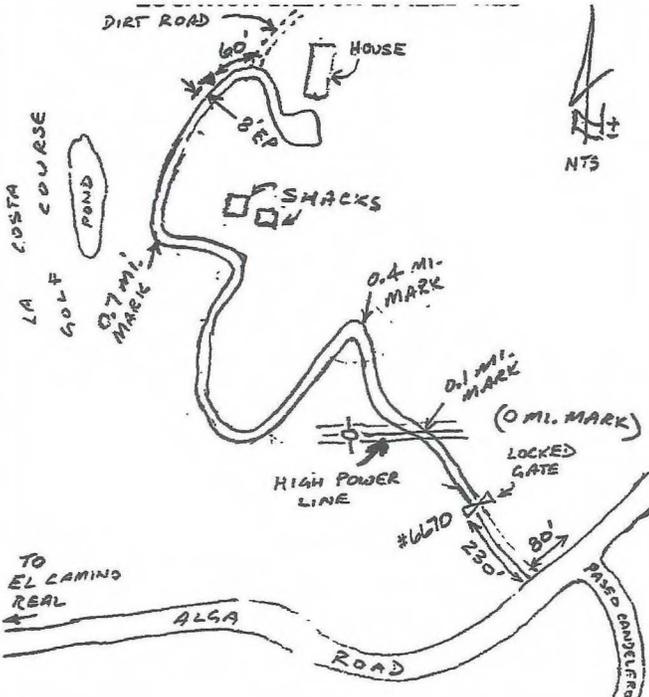
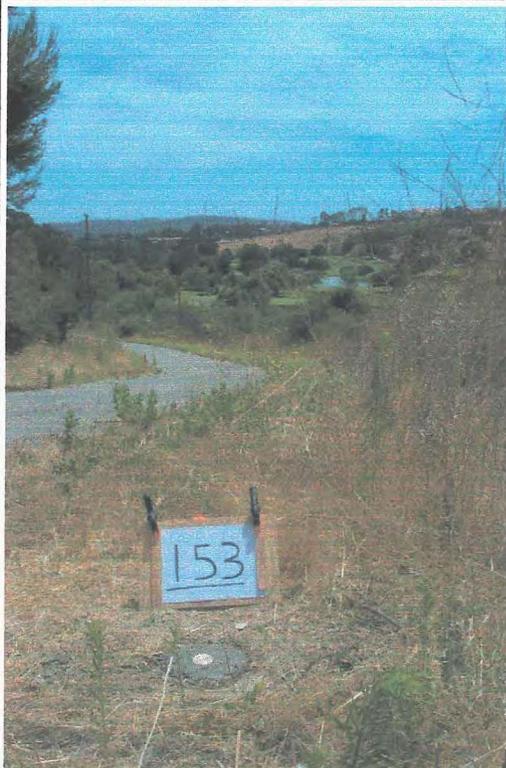
Convergence: -0°33'16.137"

Horizontal Order: FIRST

### Monument "To Reach" Description:

FROM THE INTERSECTION OF ALGA ROAD AND PASEO CANDELERO GO SOUTHWESTERLY ON ALGA ROAD 80 FT. TO AN AC. DRIVEWAY ON THE RIGHT, TURN RIGHT GO NORTHWESTERLY ALONG DRIVEWAY 230 FT. TO A LOCKED GATE. GO THROUGH GATE AND CONTINUE ALONG AC. DRIVEWAY 0.1 MI. TO THE INTERSECTION OF HIGH TENSION POWER LINES, CONTINUE ALONG AC. ROAD 0.3 MI. TO A CURVE TO THE LEFT, CONTINUE ALONG AC. ROAD 0.3 MI. AROUND A CURVE TO THE RIGHT DOWNHILL TO THE BOTTOM, CONTINUE UPHILL 0.1 MI. TOWARDS A HOUSE AND THE MONUMENT ON THE LEFT. MONUMENT IS 8 FT. OFF THE WESTERLY EDGE OF PAVEMENT AND 60 FEET SOUTHWESTERLY FROM A JUNCTION WITH A DIRT ROAD TO THE NORTH.

### Monument Sketch:



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Phone (760) 434-2808  
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Point Number: 154 Station Name: CLSB-154

**Monument Description:**

SET 2" IRON PIPE WITH DISK IN OPEN SPACE LOT 19 FOR BRESSIE RANCH TM.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 6/18/2001

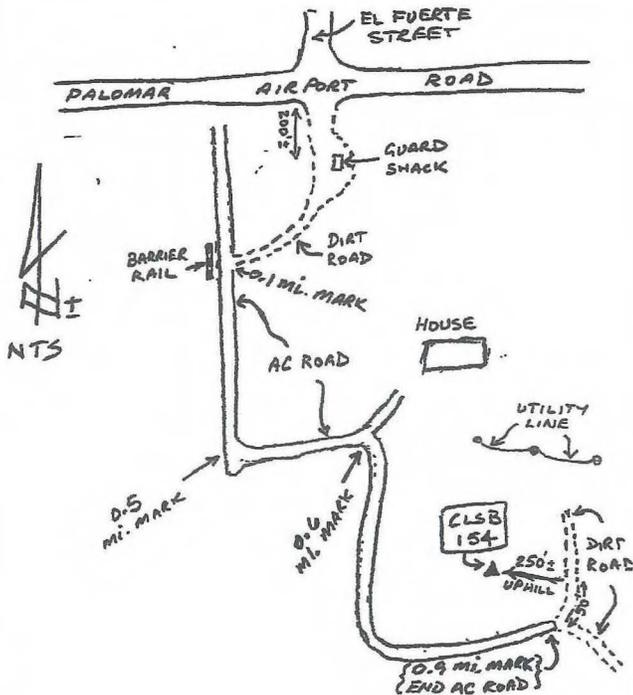
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'15.032001"N  
Longitude: 117°15'05.614905"W  
Ellipsoid Height: 145.13  
Northing: 1989067.2  
Easting: 6255020.802  
NGVD29 Elevation: 257.272  
Combined Scale Factor: 0.99995408  
Convergence: -0°33'01.344"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF PALOMAR AIRPORT ROAD AND EL FUERTE ST. GO SOUTH ALONG DIRT ROAD 200 FT. TO A GUARD SHACK ON THE LEFT. CONTINUE ALONG DIRT ROAD CURVING TO THE RIGHT 0.1 MI. TO THE INTERSECTION WITH AN AC. ROAD HEADING NORTH AND SOUTH, TURN LEFT, GO SOUTH ALONG AC. ROAD 0.4 MI. TO A CURVE TO THE LEFT, TURN LEFT, CONTINUE EASTERLY ALONG AC. ROAD 0.1 MILES TO A FORK IN THE ROAD, TAKE RIGHT FORK, PROCEED DOWNHILL 0.3 MI. TO THE END OF AC. AND A FORK IN A DIRT ROAD, PROCEED ONTO DIRT ROAD TAKE LEFT FORK GO 50 FEET AND STOP. THE MONUMENT IS ON THE LEFT SIDE OF DIRT ROAD APPROXIMATELY 250 FT. UP HILL IN A DEPRESSION ON THE SLOPE.

**Monument Sketch:**



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Phone (760) 434-2808  
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Point Number: 155 Station Name: CLSB-155

**Monument Description:**

SET 2" IRON PIPE WITH DISK IN OPEN SPACE LOT 17 FOR BRESSIE RANCH TM.

Established By: HUNSAKER & ASSOCIATES  
SAN DIEGO, INC.

Date Established: 6/18/2001

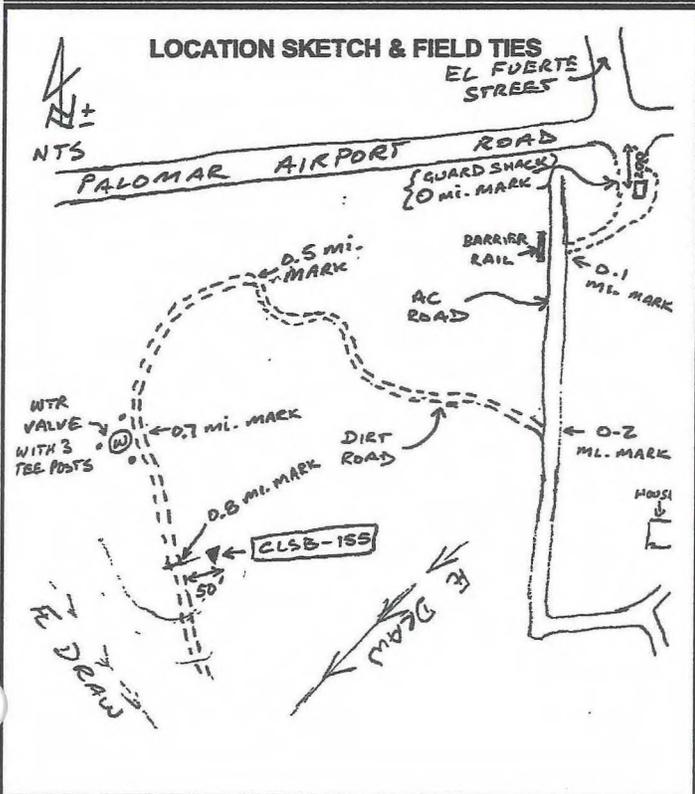
Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fe

Latitude: 33°7'30.974037"N  
Longitude: 117°15'46.889692"W  
Ellipsoid Height: 161.677  
Northing: 1990712.297  
Easting: 6251526.27  
NGVD29 Elevation: 273.99  
Combined Scale Factor: 0.999953  
Convergence: -0°33'24.025"  
Horizontal Order: FIRST

**Monument "To Reach" Description:**

FROM THE INTERSECTION OF PALOMAR AIRPORT ROAD AND EL FUERTE ST. GO SOUTH ALONG DIRT ROAD 200 FT. TO A GUARD SHACK ON THE LEFT. CONTINUE ALONG DIRT ROAD CURVING TO THE RIGHT 0.1 MI. TO THE INTERSECTION WITH AN AC. ROAD HEADING NORTH AND SOUTH, TURN LEFT, GO SOUTH ALONG AC. ROAD 0.1 MI. TO A DIRT ROAD HEADING WESTERLY, TURN RIGHT GO ALONG DIRT ROAD NORTHWESTERLY OVER A HILL 0.3 MI. TO A CURVE TO THE LEFT, CONTINUE ALONG DIRT ROAD CURVING SOUTH WESTERLY 0.2 MI. TO A WATER VALVE SURROUNDED BY GUARD POSTS, CONTINUE SOUTHERLY 0.1 MI. ALONG DIRT ROAD TO THE MONUMENT ON THE LEFT. THE MONUMENT IS 50 FT. EASTERLY OF THE DIRT ROAD ON THE EDGE OF A KNOLL.

**Monument Sketch:**



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# CITY OF CARLSBAD SURVEY CONTROL NETWORK

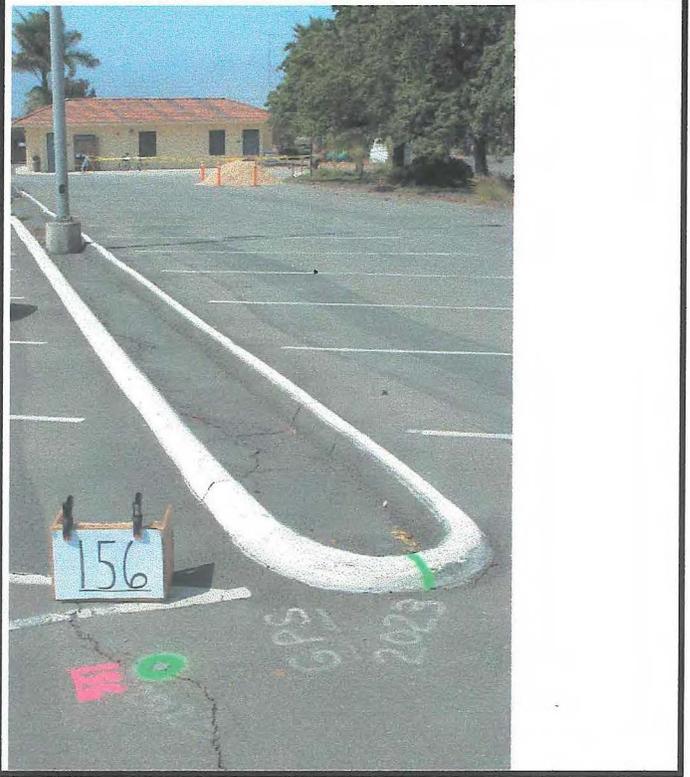
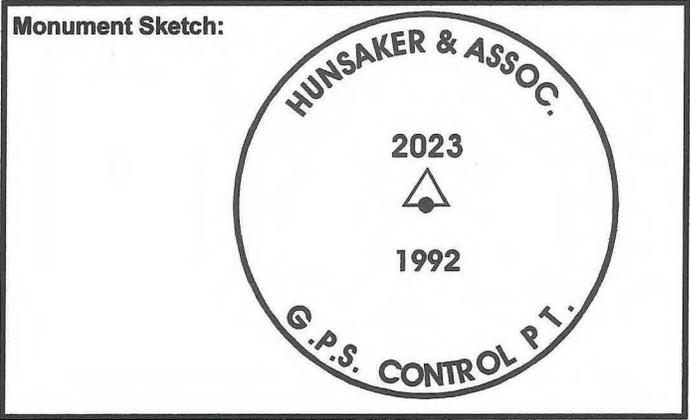
A Public Agency  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008

Phone (760) 434-2808  
Fax (760) 720-6917

Point Number: 156      Station Name: V2023  
Monument Description:  
FD. 2" ALUMINUM DISK ON 5/8" REBAR SET FLUSH WITH AC. LOCATED SOUTHERLY FROM BARNARD DRIVE AT THE NORTHERLY CORNER OF PARKING LOT 'A' OF  
Established By:            HUNSAKER & ASSOCIATES  
   SAN DIEGO, INC.  
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Fee  
Latitude:                    33°11'18.936595"N  
Longitude:                  117°18'02.146261"W  
Ellipsoid Height:         235.536  
Northing:                   2013865.219  
Easting:                    6240256.207  
NGVD29 Elevation:       347.835  
Combined Scale Factor: 0.99994607  
Convergence:              -0°34'38.351"  
Horizontal Order:         FIRST

Monument "To Reach" Description:  
MONUMENT IS IN A.C. PAVEMENT SOUTHERLY FROM BARNARD DRIVE AT THE NORTHERLY CORNER OF PARKING LOT 'A' OF MIRA COSTA COMMUNITY COLLEGE, OCEANSIDE CAMPUS. 3' NORTHERLY OF THE NORTHERLY TERMINUS OF THE WESTERLY A.C. BERM.



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Phone (760) 434-2808  
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**Point Number:** 157      **Station Name:** HPGN 11-07

**Monument Description:**  
FD. ROD IN SLEEVE WITH ALUMINUM CAP SET INSIDE A 6" ALUMINUM ACCESS COVER. ON THE NORTH SIDE OF THE RUNWAY OF PALOMAR AIRPORT. CONTACT

**Established By:** CALIFORNIA DEPARTMENT OF TRANSPORTATION

**Date Established:** 4/10/1990

**Datum:** CCS 83, 1991.35 Epoch, U.S. Survey Fe

**Latitude:** 33°7'46.183889"N

**Longitude:** 117°16'37.087356"W

**Ellipsoid Height:** 196.654

**Northing:** 1992291.232

**Easting:** 6247272.614

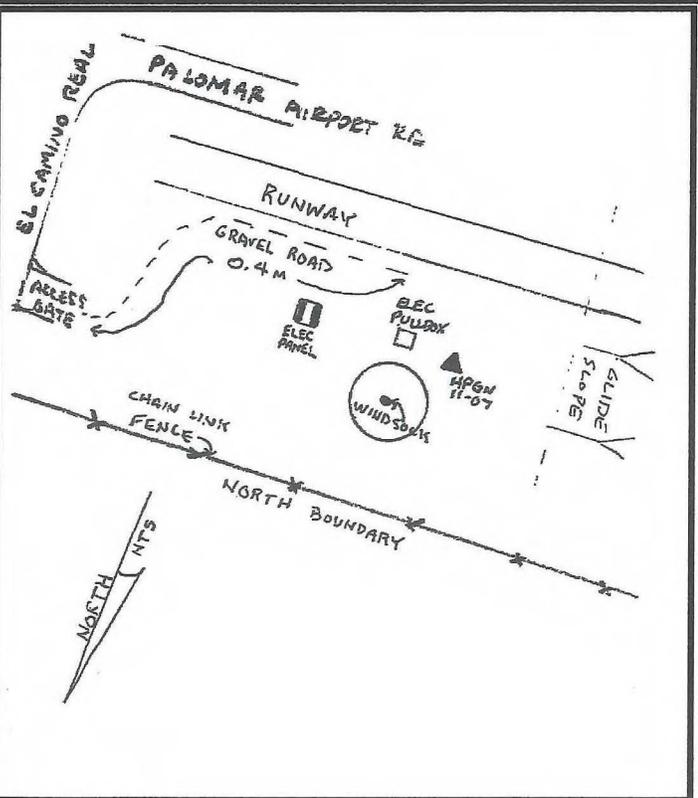
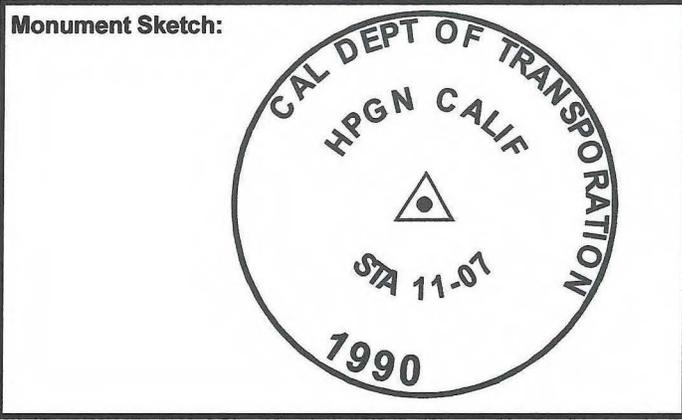
**NGVD29 Elevation:** 309.19

**Combined Scale Factor:** 0.99995106

**Convergence:** -0°33'51.609"

**Horizontal Order:** B

**Monument "To Reach" Description:**  
MONUMENT IS ON THE NORTH SIDE OF THE PALOMAR AIRPORT RUNWAY, 390 FT. SOUTH-SOUTHWEST OF THE GLIDESLOPE, 346 FT. WEST-SOUTHWEST OF AN ELECTRICAL PANEL, 240 FT. SOUTH OF THE FENCE ALONG THE NORTH BOUNDARY OF THE AIRPORT, 81 FT. NORTH OF THE GRAVEL PERIMETER RD., 40 FT. WEST OF AN ELECTRICAL PULL BOX AND 109 FT. SOUTH OF A WINDSOCK.



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