



CITY OF ENCINITAS

SURVEY CONTROL NETWORK

Engineering Department
505 S. Vulcan Avenue
Encinitas, CA 92024-3633

Phone (760) 633-2770
Fax (760) 633-2818

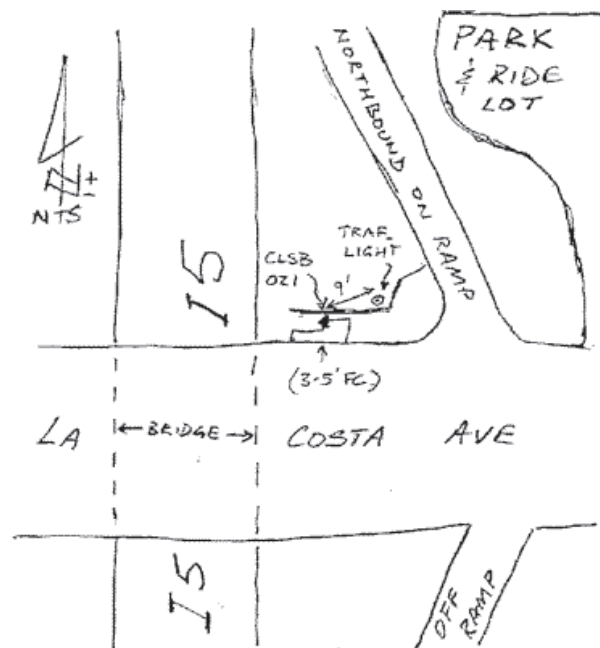
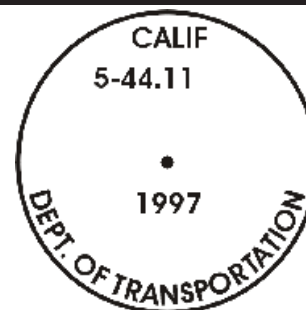
Point Number: 1001 **Station Name:** CLSB-021
Monument Description:
FD. 2.5" CADT DISK IN WEST END OF DRAINAGE BOX INLET
IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF
LA COSTA AVENUE AND INTERSTATE HIGHWAY 5, IN THE
NORTHWEST CORNER OF NORTHBOUND ON RAMP AND 47
FT. EAST OF BRIDGE

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 1/1/1997

Monument "To Reach" Description:
MONUMENT IS IN THE NORTHEAST QUADRANT OF THE
INTERSECTION OF LA COST 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.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°5'3.953066"N
Longitude: 117°17'51.78654"W
Ellipsoid Height: -68.577
Northing: 1975959.601
Easting: 6240754.95
NGVD29 Elevation: 44.95
NAVD88 Elevation: 47.114
Combined Scale Factor 0.99996685
Convergence: - 0 34 32.663
Horizontal Order: FIRST

**Monument
Sketch:**



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Point Number: 1002 Station Name: WHITE
Monument Description:
FD. 3" USC&GS DISC IN 8"X8" CONCRETE MONUMENT 6"
ABOVE GROUND STAMPED "WHITE, 1938"

Established By:
Date Established:

Monument "To Reach" Description:
FROM THE INTERSECTION OF GLOSCONY ROAD AND
AMALFI DRIVE GO SOUTH ON GLASCONY ROAD 0.25 MI. TO
THE MONUMENT ON THE RIGHT. THE MONUMENT IS
LOCATED ON THE WEST SIDE OF THE ROAD 12.5 FEET
WEST OF AC BERM AND 43 FEET WEST OF POWER POLE
#P120181.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°4'48.29945"N
Longitude: 117°17'19.23244"W
Ellipsoid Height: 198.129
Northing: 1974349.862
Easting: 6243508.871
NGVD29 Elevation: 311.526
NAVD88 Elevation: 313.681
Combined Scale Factor 0.99995442
Convergence: - 0 34 14.774
Horizontal Order: FIRST

Monument
Sketch:



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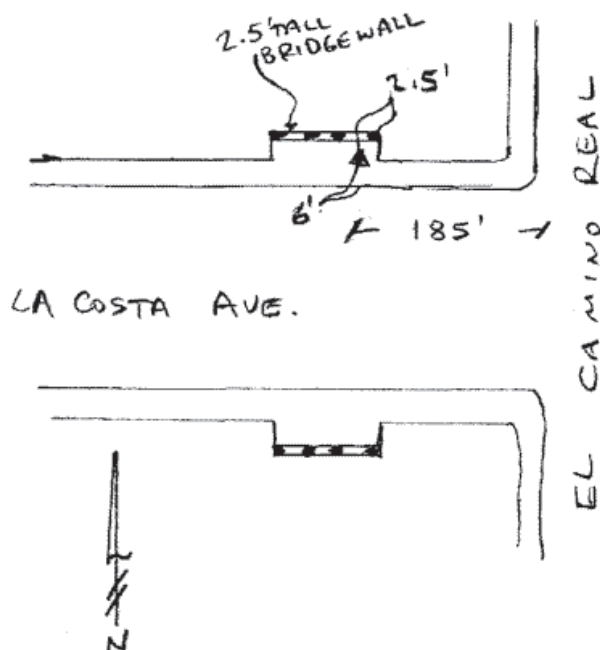
Point Number: 1003 **Station Name:** CLSB-017
Monument Description:
FD. 2.5" DISK IN NORTHEAST CORNER OF LA COSTA AVENUE
BRIDGE OVER ENCINITAS CREEK, 185' WEST OF EL CAMINO
REAL.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 5/18/2001

Monument "To Reach" Description:
MONUMENT IS IN THE NORTHEAST CORNER OF LA COSTA
AVENUE BRIDGE OVER ENCINITAS CREEK, 185' WEST OF EL
CAMINO REAL ON NORTH SIDEWALK OF BRIDGE, 6 FT.
NORTH OF CURB AND 2.5 FT. WEST OF THE EAST END OF
BRIDGE WALL.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°5'7.642248"N
Longitude: 117°16'9.609201"W
Ellipsoid Height: -93.374
Northing: 1976246.274
Easting: 6249451.783
NGVD29 Elevation: 19.58
NAVD88 Elevation: 21.739
Combined Scale Factor: 0.99996796
Convergence: - 0 33 36.515
Horizontal Order: FIRST

**Monument
Sketch:**



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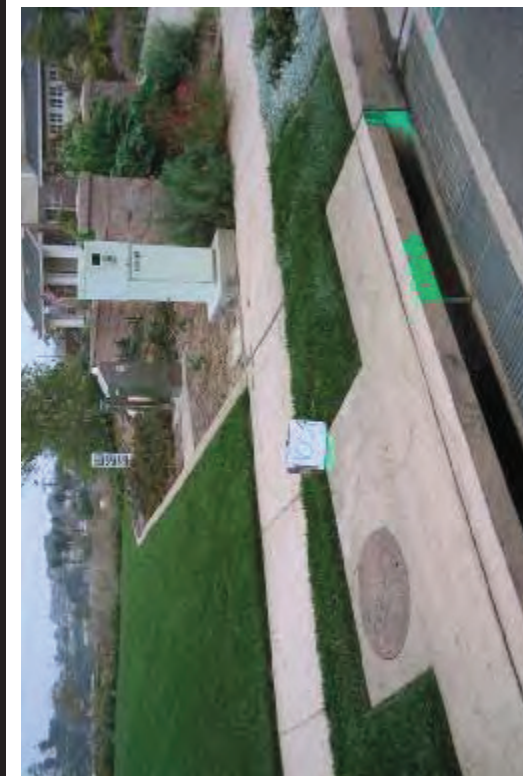
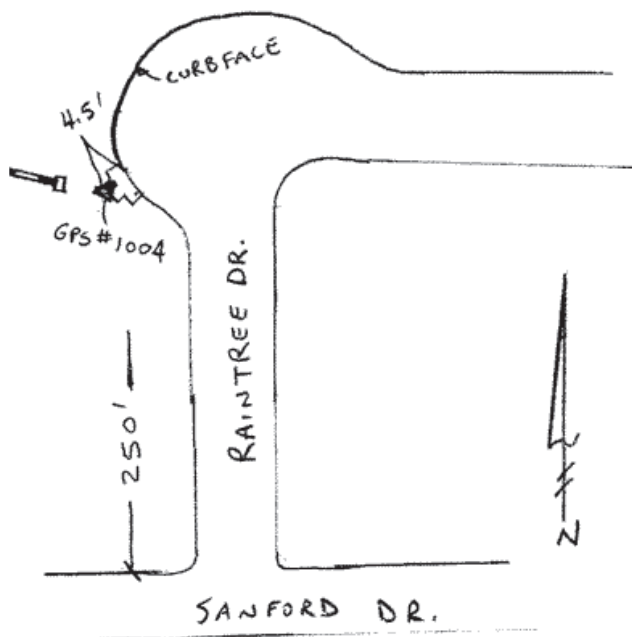
Point Number: 1004 **Station Name:** ENC-04
Monument Description:
SET 2.5" CITY OF ENCINITAS BRASS DISC IN DRAINAGE BOX
INLET AT THE NORTHEAST CORNER OF THE CITY OF
ENCINITAS LEUCADIA OAKS PARK ON THE WEST SIDE OF
RAINTREE DRIVE.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Monument "To Reach" Description:
THE MONUMENT IS LOCATED 4.5 FEET WEST OF CURB ON
THE WEST SIDE OF RAINTREE DRIVE IN CURVE KNUCKLE,
250 FEET NORTHERLY FROM THE INTERSECTION OF
RAINTREE DRIVE AND SANFORD DRIVE.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°4'27.94747"N
Longitude: 117°18'13.81909"W
Ellipsoid Height: -48.283
Northing: 1972339.607
Easting: 6238843.657
NGVD29 Elevation: 65.48
NAVD88 Elevation: 67.639
Combined Scale Factor 0.99996665
Convergence: - 0 34 44.770
Horizontal Order: FIRST

**Monument
Sketch:**



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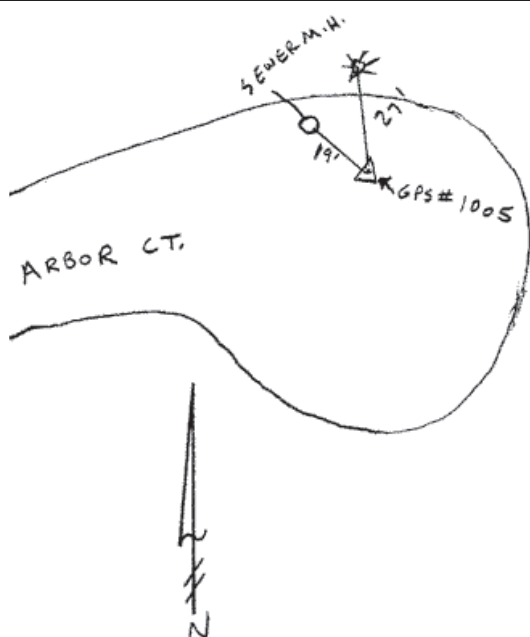
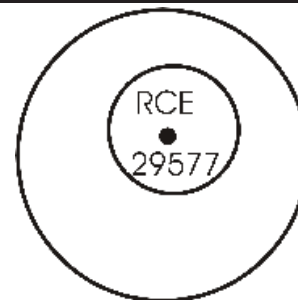
Point Number: 1005 **Station Name:** ENC-05
Monument Description:
FD. 2" IRON PIPE WITH TAG STAMPED "RCE 29577" AT A 20 FOOT OFFSET TO THE CENTER OF CUL-DE-SAC AT THE NORTHEAST END OF ARBOR COURT.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°4'29.35833"N
Longitude: 117°17'33.35682"W
Ellipsoid Height: 58.7
Northing: 1972447.581
Easting: 6242287.976
NGVD29 Elevation: 172.235
NAVD88 Elevation: 174.391
Combined Scale Factor 0.9999615
Convergence: - 0 34 22.536
Horizontal Order: FIRST

Monument "To Reach" Description:
FROM THE INTERSECTION OF OLYMPUS STREET AND ARBOR COURT, GO NORTHEASTERLY 0.1 MI. TO A BULB CUL-DE-SAC. THE MONUMENT IS LOCATED 20 FEET NORTHWESTERLY OF A 2" IRON PIPE AT THE CENTER OF CUL-DE-SAC, 27' SOUTHERLY OF A STREET LIGHT AND 19 FEET SOUTHEASTERLY OF A SEWER MANHOLE SET FLUSH IN ASPHALT.

Monument Sketch:



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Point Number: 1006 Station Name: ENC-06

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE SOUTHWEST CORNER OF CONCRETE PEDESTAL FOR UTILITY BOXES, WEST SIDE OF CITY TRAIL ENTRANCE AT THE SOUTH END OF RAINEY COURT.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED 190 FEET SOUTHERLY OF THE INTERSECTION OF RANCH ROAD AND RAINEY COURT IN THE SOUTHWEST CORNER OF A CONCRETE PEDESTAL, 15 FEET SOUTHERLY OF ROLLED CURB AND 31 FEET WESTERLY OF A STREET LIGHT.

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

Latitude: 33°4'27.24671"N

Longitude: 117°16'36.69734"W

Ellipsoid Height: 205.311

Northing: 1972186.325

Easting: 6247106.957

NGVD29 Elevation: 318.541

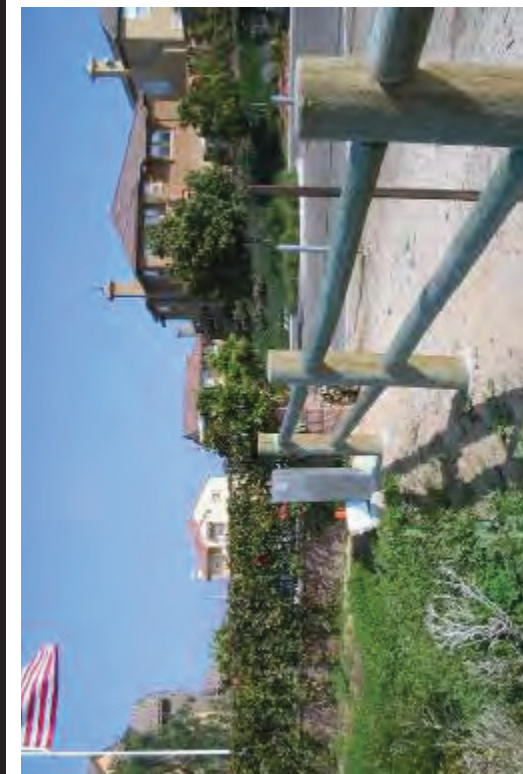
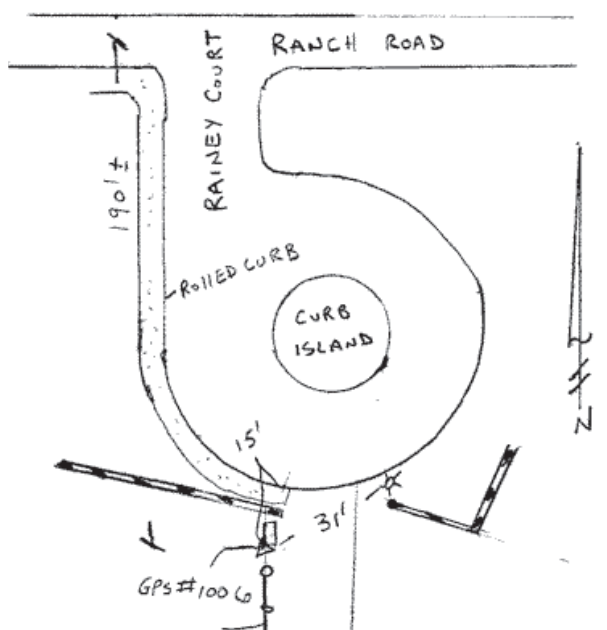
NAVD88 Elevation: 320.695

Combined Scale Factor 0.99995453

Convergence: - 0 33 51.400

Horizontal Order: FIRST

Monument
Sketch:



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Point Number: 1007 Station Name: CLSB-004

Monument Description:

FD. 2.5" DISK IN THE NORTHEAST CORNER OF A 3'X3' DRAINAGE BOX IN THE SOUTHEAST QUADRANT OF EL CAMINO REAL AND OLIVENHAIN RD. 33 FT. OFF CURB AND 310 FT. EAST OF INTERSECTION.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 5/18/2001

Monument "To Reach" Description:

MONUMENT IS IN THE NORTHEAST CORNER OF A 3'X3' DRAINAGE BOX IN THE SOUTHEAST QUADRANT OF EL CAMINO REAL AND OLIVENHAIN RD. 33 FT. SOUTH OF THE SOUTHERLY CURB OF OLIVENHAIN RD. AND 310 FT. EAST OF EL CAMINO REAL.

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

Latitude: 33°42'04.1934"N

Longitude: 117°15'39.7976"W

Ellipsoid Height: -30.475

Northing: 1969591.693

Easting: 6251923.819

NGVD29 Elevation: 82.53

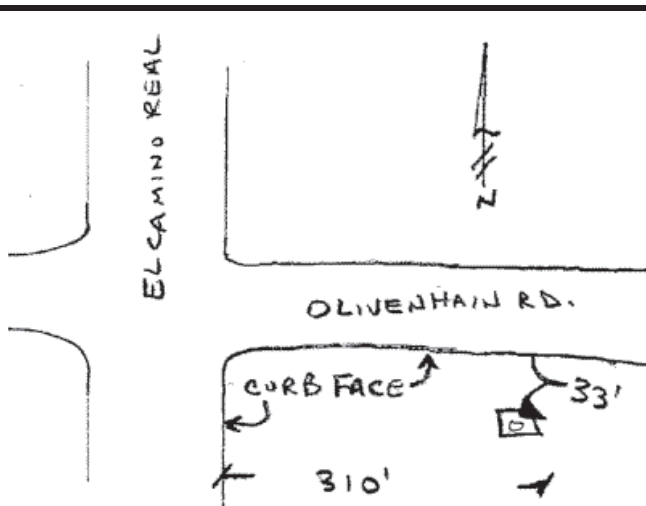
NAVD88 Elevation: 84.683

Combined Scale Factor 0.99996637

Convergence: - 0 33 20.133

Horizontal Order: FIRST

Monument
Sketch:



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Point Number: 1008 Station Name: CLSB-006

Monument Description:

FD. 2.5" DISK IN SOUTH CURB OF CALLE ACERVO AT THE WEST END OF THE WEST CURB RETURN OF THE EAST DRIVEWAY OF ELEMENTARY SCHOOL. 0.1 MI. NORTHEAST OF OF RANCHO SANTA FE RD.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 5/18/2001

Monument "To Reach" Description:

FROM THE INTERSECTION OF RANCHO SANTA FE RD. AND CALLE ACERVO GO NORTHEASTERLY ON CALLE ACERVO 0.1 MI. TO THE MONUMENT ON THE RIGHT. THE MONUMENT IS IN THE SOUTHERLY CURB OF CALLE ACERVO AT THE WEST END OF THE WEST CURB RETURN OF THE EASTERLY DRIVEWAY OF AN ELEMENTARY SCHOOL. 84 FT. WESTERLY OF A STREET LIGHT.

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

Latitude: 33°3'46.61483"N

Longitude: 117°14'18.31771"W

Ellipsoid Height: 105.656

Northina: 1967966.069

Easting: 6258842.679

NGVD29 Elevation: 218.28

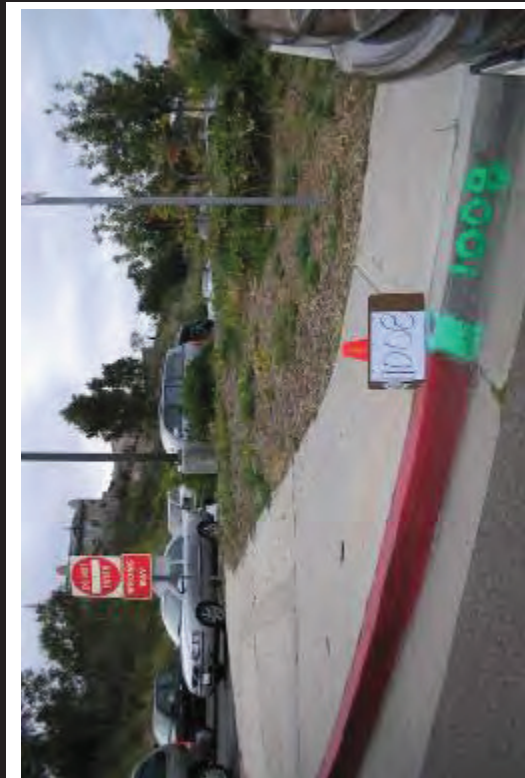
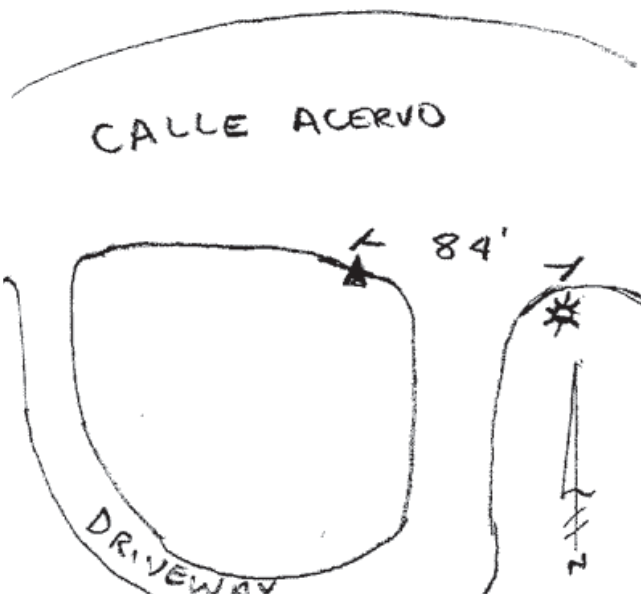
NAVD88 Elevation: 220.432

Combined Scale Factor 0.99996021

Convergence: - 0 32 35.358

Horizontal Order: FIRST

Monument
Sketch:



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Point Number: 1009 Station Name: CLSB-007

Monument Description:

FD. ROD DRIVEN TO REFUSAL WITH CAP ON WEST SIDE OF PASEO ESMERADO AT ACCESS DRIVEWAY TO PROTECTED HABITAT AREA, 50' FROM CURB AND 20' FROM FENCE ON CANYON RIM.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 5/18/2001

Monument "To Reach" Description:

FROM THE INTERSECTION OF AVENIDA PANTERA AND PASEO ESMERADO GO SOUTH ON PASEO ESMERADO 0.3 MI. TO THE POINT ON THE NORTH SIDE AND ACROSS FROM 7980 PASEO ESMERADO. 54 FT. FORM CURB AND 21 FT. FROM HABITAT AREA FENCE AND 13 FT. EAST OF A "NO TRESPASSING" SIGN.

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

Latitude: 33°3'49.93223"N

Longitude: 117°13'27.77527"W

Ellipsoid Height: 184.737

Northing: 1968260.857

Easting: 6263147.007

NGVD29 Elevation: 297.082

NAVD88 Elevation: 299.239

Combined Scale Factor 0.99995635

Convergence: - 0 32 07.584

Horizontal Order: FIRST

Monument
Sketch:



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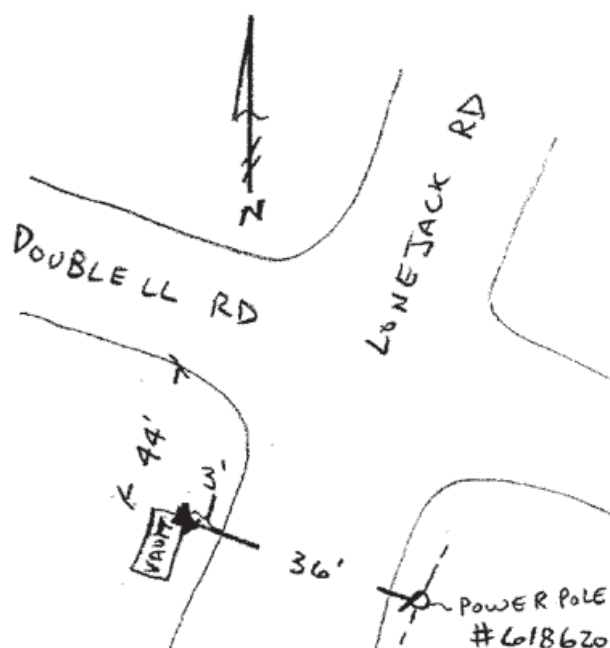
Point Number: 1010 **Station Name:** CLSB-012
Monument Description:
FD. 2.5" DISK IN THE NORTHEAST CORNER OF VAULT IN THE
SOUTHWEST QUADRANT OF LONE JACK RD. AND DOUBLE
LL RANCH RD. IN SAN MARCOS.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 5/18/2001

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 FT. WESTERLY OF POWER POLE
NO. 618620.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°3'56.30334"N
Longitude: 117°12'57.6556"W
Ellipsoid Height: 88.839
Northing: 1968880.903
Easting: 6265716.15
NGVD29 Elevation: 201
NAVD88 Elevation: 203.16
Combined Scale Factor 0.99996079
Convergence: - 0 31 51.033
Horizontal Order: FIRST

**Monument
Sketch:**



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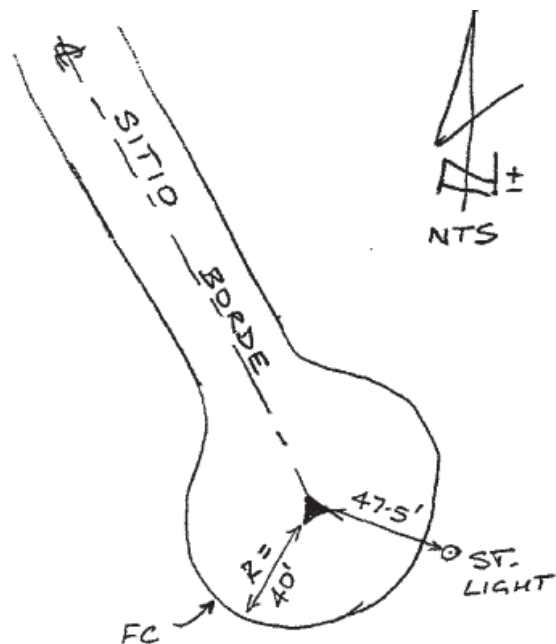
Point Number: 1011 Station Name: CLSB-009
Monument Description:
FD. WELL MONUMENT IN THE CENTER OF THE SOUTHEAST
END OF BULB CUL-DE-SAC OF SITIO BORDE.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 5/18/2001

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.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°4'29.57443"N
Longitude: 117°13'28.9607"W
Ellipsoid Height: 255.173
Northing: 1972268.243
Easting: 6263083.581
NGVD29 Elevation: 367.38
NAVD88 Elevation: 369.543
Combined Scale Factor 0.99995209
Convergence: - 0 32 08.236
Horizontal Order: FIRST

Monument
Sketch:



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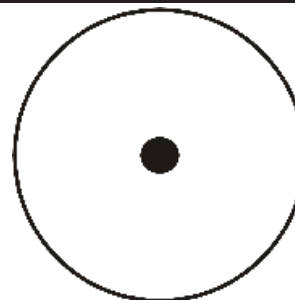
Point Number: 1012 **Station Name:** ENC-12
Monument Description:
FD. 4" DIAMETER CONCRETE CYLINDER UP 1 FOOT WITH 3/8" PIN UP 1 INCH IN MOUND OF ROCKS.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Monument "To Reach" Description:
FROM THE INTERSECTION OF RANCHO SANTA FE ROAD AND CAMINO JUNIPERO GO 0.3 MILES EASTERLY ON CAMINO JUNIPERO TO A SDG&E TRANSMISSION LINE. TURN LEFT ONTO DIRT ACCESS ROAD UNDER TRANSMISSION LINE GO SOUTHEAST ALONG DIRT ROAD 0.2 MILES TO 2'ND TRANSMISSION TOWER AND A DIRT ROAD TO THE LEFT, TURN LEFT GO NORTH UPHILL 0.1 MILES TO END OF DRIVABLE ROAD CONTINUE ON FOOT UP TRAIL 500 FEET TO THE MONUMENT. THE MONUMENT IS LOCATED 10 FEET NORTHERLY OF THE TRAIL.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°5'2.563409"N
Longitude: 117°12'58.08818"W
Ellipsoid Height: 579.238
Northing: 1975577.832
Easting: 6265741.392
NGVD29 Elevation: 691.149
NAVD88 Elevation: 693.314
Combined Scale Factor 0.99993588
Convergence: - 0 31 51.271
Horizontal Order: FIRST

Monument Sketch:



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Point Number: 1013 Station Name: ENC-13

Monument Description:

SET 2" IRON PIPE WITH 2.5" BRASS DISC WITH 8" CONCRETE COLLAR UP 6", 0.6 MILES WEST OF TWIN WATER TANKS AT NORTH END OF FORTUNA SUMMIT DRIVE ALONG DIRT ROAD THAT CROSSES CANYON, 21 FEET EAST OF THE WESTERLY FORK OF DIRT ROAD AND 3 FEET WEST OF TBAR POST.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

FROM LONE JACK RD AND FORTUNA RANCH RD GO EAST ON FORTUNA RANCH RD 1 MI TO THE END OF PAVEMENT. CONTINUE EAST ALONG DIRT RD 700 FT TO A FORK AT CANYON DE ORO RD, TAKE LEFT FORK GO NE'LY ALONG CANYON DE ORO RD 500 FT TO THE INTERSECTION WITH RANCHO SUMMIT DR. TURN LEFT GO NORTH 0.4 MI ON RANCHO SUMMIT DR TO A LOCKED GATE AT THE SECOND RESIDENCE ALONG ROAD. CONTINUE NORTH THROUGH GATE 0.5 MILES UP HILL TO THE FENCED WATER TANKS. TURN LEFT GO WEST 0.1 MI ALONG FENCE TO CORNER, TURN RIGHT GO NW ALONG FENCE 200 FT TO SECOND DIRT RD, TURN LEFT GO WEST DOWNHILL ON DIRT RD 0.4 MILES TO A LOCKED GATE, CONTINUE ALONG DIRT ROAD 0.2 MI TO A SPLIT IN THE ROAD, TAKE LEFT FORK GO SOUTH 200 FEET TO THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED 150 FT NORTH OF DUAL POWER POLES ADJACENT TO AN SDG&E TRANSMISSION LINE.

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

Latitude: 33°41.63586"N

Longitude: 117°12'28.55095"W

Ellipsoid Height: 340.423

Northing: 1973439.595

Easting: 6268234.997

NGVD29 Elevation: 452.25

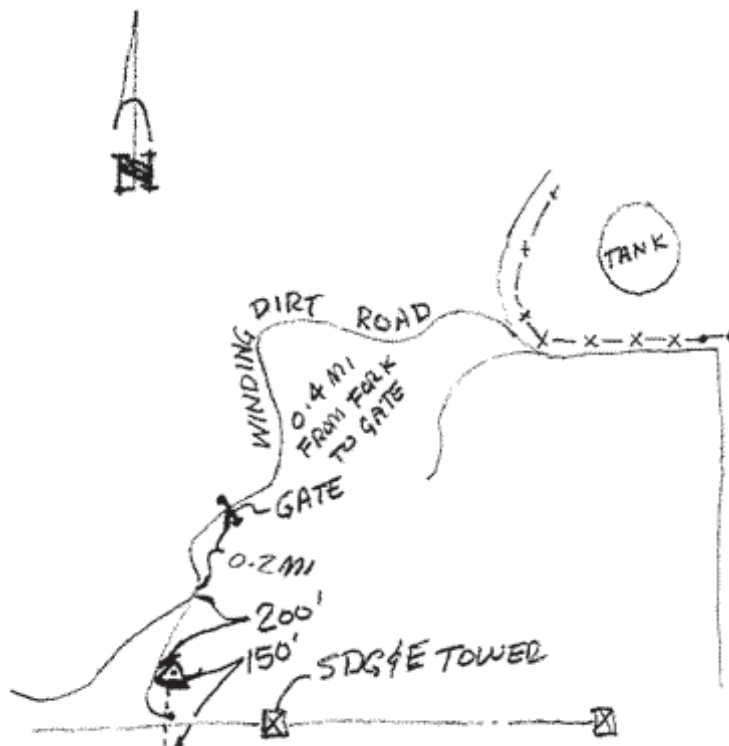
NAVD88 Elevation: 454.416

Combined Scale Factor 0.99994775

Convergence: - 0 31 35.039

Horizontal Order: FIRST

Monument
Sketch:



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CITY OF ENCINITAS

SURVEY CONTROL NETWORK

Engineering Department
505 S. Vulcan Avenue
Encinitas, CA 92024-3633

Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1014 Station Name: ENC-14

Monument Description:

FD. 2" IRON PIPE WITH 1 1/2" ALUMINUM COUNTY OF SAN DIEGO DISC STAMPED HORIZ. CONTROL SURVEY MONUMENT AT THE TOP OF SLOPE BETWEEN 2 DIRT ROADS HEADING NORTH INTO ABANDONED DUMP SITE NORTH OF THE NORTH END OF RANCHO SUMMIT DRIVE.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established:

Monument "To Reach" Description:

FROM CANYON DE ORO RD AND RANCHO SUMMIT DR. GO NORTH 0.4 MI ON RANCHO SUMMIT DRIVE TO A LOCKED GATE AT THE SECOND RESIDENCE. CONTINUE NORTH 0.5 MI UP HILL TO THE FENCED WATER TANKS. TURN LEFT GO WEST 0.1 MI ALONG FENCE TO COR, TURN RIGHT GO NW, NORTH AND NE 0.2 MI ALONG FENCE AROUND TANK TO THE NORTH SIDE OF THE SOUTH TANK AND A GRAVEL ROAD TO THE LEFT. TURN LEFT GO NORTH ALONG GRAVEL RD 0.3 MI TO A LOCKED GATE TO CLOSED COUNTY DUMP SITE, GO PAST GATE 200 FT TO THE MONUMENT IN THE SPLIT OF THE DIRT ROAD. THE MONUMENT IS LOCATED AT THE TOP OF SLOPE FOR THE LOWER ROAD, 5 FEET WEST OF THE EDGE OF UPPER GRAVEL ROAD, 3 FEET EAST OF THE TOP OF SLOPE, 13 FEET NORTH OF 18"X18" CONC. PEDESTAL FOR ELECTRIC BOX AND 1 FOOT EAST OF TBAR POST.

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

Latitude: 33°5'7.41312"N

Longitude: 117°11'55.83884"W

Ellipsoid Height: 724.765

Northing: 1976019.333

Easting: 6271042.049

NGVD29 Elevation: 836.316

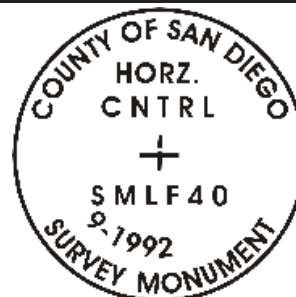
NAVD88 Elevation: 838.481

Combined Scale Factor 0.99992882

Convergence: - 0 31 17.063

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1015 Station Name:
Monument Description:
INTENTIONALLY DELETED

Established By:
Date Established:

Monument "To Reach" Description:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude:
Longitude:
Ellipsoid Height:
Northing:
Easting:
NGVD29 Elevation:
NAVD88 Elevation:
Combined Scale Factor
Convergence:
Horizontal Order:

Monument
Sketch:

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Point Number: 1016 **Station Name:** ENC-16
Monument Description:
SET 2" IRON PIPE WITH 2.5" CITY OF ENCINITAS BRASS DISC
ON THE WEST SIDE OF CANYON DE ORO, 150 FEET NORTH
OF PAINT MOUNTAIN ROAD AND 150 FEET SOUTH OF
POWER LINES.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Monument "To Reach" Description:
THE MONUMENT IS LOCATED 150 FEET NORTHERLY ALONG
CANYON DE ORO FROM THE INTERSECTION WITH PAINT
MOUNTAIN ROAD AND 16 FEET WESTERLY OF THE
WESTERLY EDGE OF PAVEMENT.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°4'11.80468"N
Longitude: 117°11'12.7314"W
Ellipsoid Height: 435.625
Northing: 1970366.072
Easting: 6274659.095
NGVD29 Elevation: 547.165
NAVD88 Elevation: 549.325
Combined Scale Factor 0.99994385
Convergence: - 0 30 53.375
Horizontal Order: FIRST

**Monument
Sketch:**



GPS # 1016

△ 16' +



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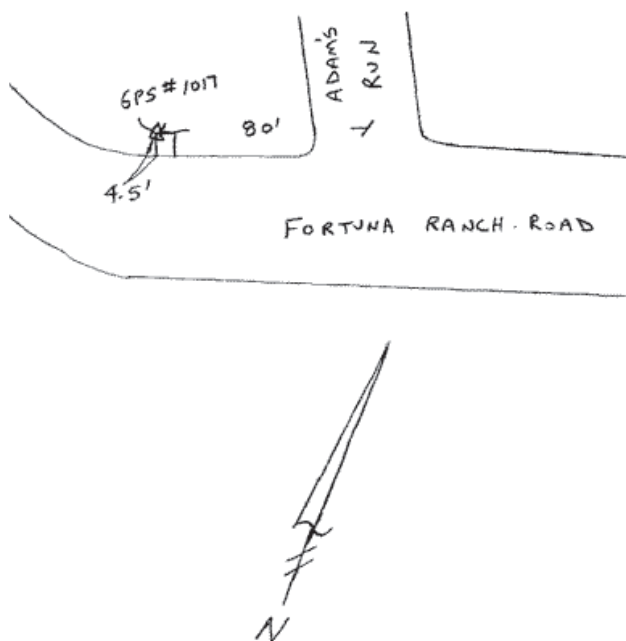
Point Number: 1017 **Station Name:** ENC-17
Monument Description:
SET 2.5" CITY OF ENCINITAS BRASS DISC IN DROP INLET ON THE NORTH SIDE OF FORTUNA RANCH ROAD AND 50 FEET SOUTH OF ADAM'S RUN.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Monument "To Reach" Description:
THE MONUMENT IS LOCATED ON THE NORTHWESTERLY CORNER OF A DRAINAGE BOX INLET 80 FEET SOUTHWESTERLY ALONG FORTUNA RANCH ROAD FROM THE CENTERLINE INTERSECTION WITH ADAMS RUN, 16 FEET NORTHWESTERLY OF THE CENTER OF FORTUNA RANCH ROAD AND 4.5 FEET NORTHWESTERLY OF CURB.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°3'56.73537"N
Longitude: 117°12'1.024007"W
Ellipsoid Height: 313.864
Northing: 1968880.278
Easting: 6270535.796
NGVD29 Elevation: 425.72
NAVD88 Elevation: 427.877
Combined Scale Factor 0.99995001
Convergence: - 0 31 19.913
Horizontal Order: FIRST

Monument Sketch:



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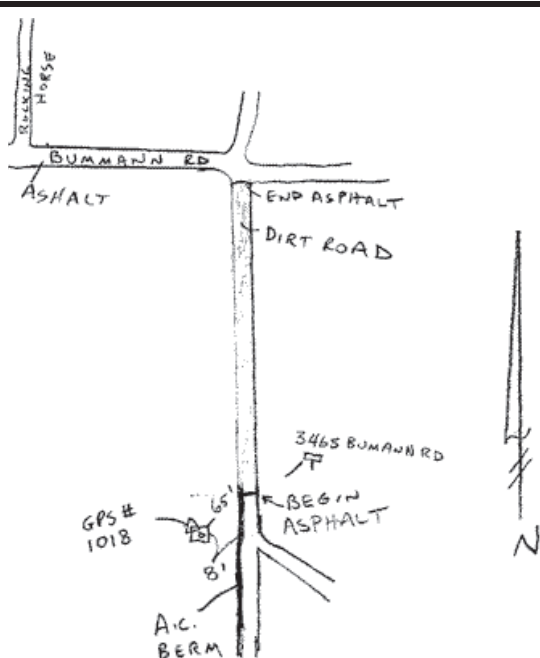
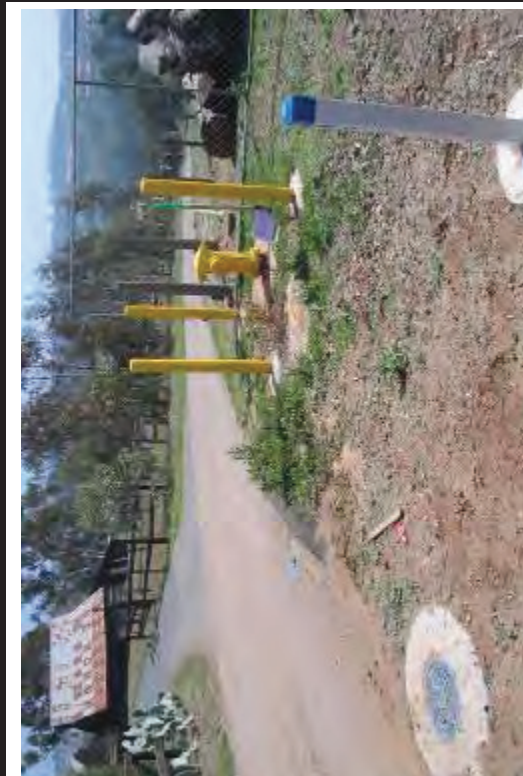
Point Number: 1018 **Station Name:** ENC-18
Monument Description:
SET 2.5" CITY OF ENCINITAS BRASS DISC IN CONCRETE
SLAB FOR FIRE HYDRANT, 800 FEET NORTH OF THE END OF
BUMANN ROAD.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Monument "To Reach" Description:
FROM THE INTERSECTION OF BUMANN ROAD AND ROCKING
HORSE CIRCLE, GO EASTERLY 300 FEET TO AN
INTERSECTION TURN RIGHT GO SOUTH ONTO A DIRT ROAD
0.2 MILES TO THE BEGINNING OF AC PAVEMENT, A DIRT
DRIVEWAY TO THE LEFT AND THE MONUMENT ON THE
RIGHT. THE MONUMENT IS LOCATED ON THE
NORTHWESTERLY CORNER OF A CONCRETE PEDESTAL
FOR A FIRE HYDRANT, 8 FEET WEST OF AC BERM, 12 FEET
SOUTHERLY OF THE BEGINNING OF PAVEMENT AND 65
FEET SOUTHWESTERLY OF ADDRESS SIGN ON FENCE "3465
BUMANN ROAD".

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°3'29.85549"N
Longitude: 117°12'8.617915"W
Ellipsoid Height: 195.766
Northing: 1966169.552
Easting: 6269864.753
NGVD29 Elevation: 307.765
NAVD88 Elevation: 309.922
Combined Scale Factor 0.99995628
Convergence: - 0 31 24.086
Horizontal Order: FIRST

**Monument
Sketch:**



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Point Number: 1019 Station Name: ENC-19

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE EAST END OF A 1'X7' HEADWALL ON THE SOUTH SIDE OF CIRCA DE TIERRA, 210 FEET WEST OF THE CUL-DE-SAC AT THE SOUTH END OF ROAD AND 9.5 FEET OFF CURB.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

FROM THE INTERSECTION OF VAL SERENO DRIVE AND CIRCA DE TIERRA, GO NORTHEASTERLY ON CIRCA DE TIERRA 0.4 MILES TO THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED IN THE EAST END OF A 1 FOOT WIDE BY 7 FEET LONG HEADWALL, 210 FEET WESTERLY OF THE CENTER OF A CUL-DE-SAC, AND 9.5 FEET SOUTH OF THE SOUTHERLY CURB.

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

Latitude: 33°3'1.540924"N

Longitude: 117°13'3.818207"W

Ellipsoid Height: -6.72

Northing: 1963351.198

Easting: 6265140.355

NGVD29 Elevation: 105.67

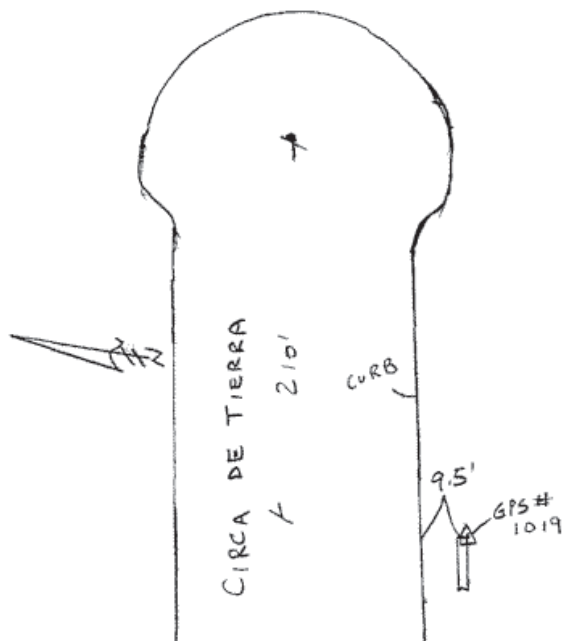
NAVD88 Elevation: 107.826

Combined Scale Factor 0.99996663

Convergence: - 0 31 54.419

Horizontal Order: FIRST

Monument
Sketch:



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Point Number: 1020 Station Name: ENC-20

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE SOUTHWEST CORNER OF CONCRETE PEDESTAL FOR FIRE HYDRANT ON THE EAST SIDE OF RANCHO SANTA FE ROAD AND 100 FEET SOUTH OF EL CAMINO DEL NORTE.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED ON THE SOUTHWEST CORNER OF A CONCRETE PEDESTAL FOR A FIRE HYDRANT ON THE EAST SIDE OF RANCHO SANTA FE ROAD, 100 FEET SOUTHERLY OF THE MIDDLE OF EL CAMINO DEL NORTE, 2.5 FEET EASTERLY OF AN AC. BERM AND 63 FEET WEST OF POWER POLE NO. P164067.

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

Latitude: 33°2'59.04227"N

Longitude: 117°13'59.89789"W

Ellipsoid Height: 5.726

Northing: 1963143.331

Easting: 6260364.873

NGVD29 Elevation: 118.41

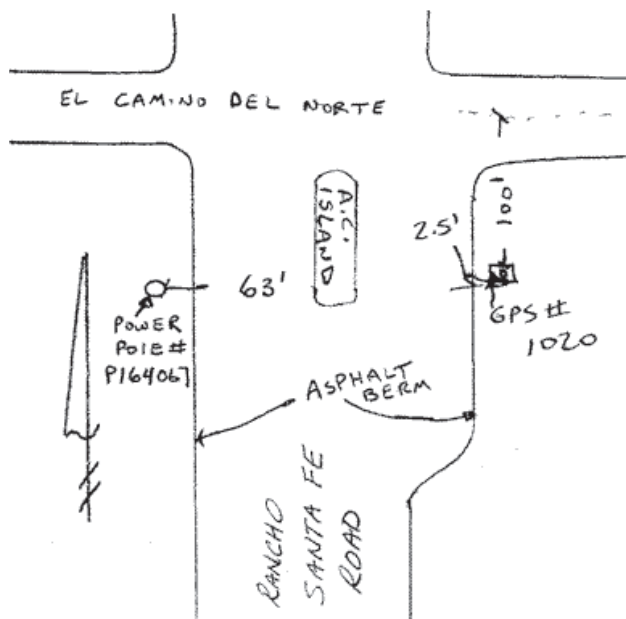
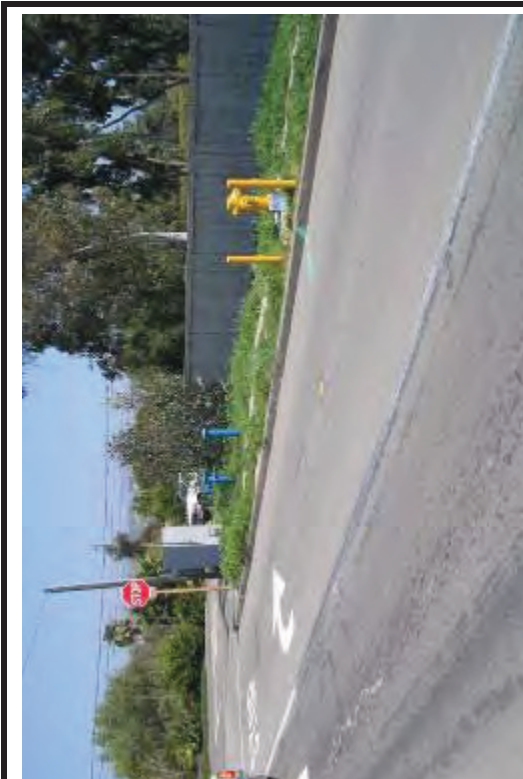
NAVD88 Elevation: 120.564

Combined Scale Factor 0.9999661

Convergence: - 0 32 25.236

Horizontal Order: FIRST

Monument
Sketch:



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Point Number: 1021 Station Name: ENC-21

Monument Description:

FD. WELL MONUMENT WITH A 2.5" BRASS DISC STAMPED RCE9416 ON CENTERLINE OF VILLAGE PARK WAY AT A BEGINNING OF CURVE 340 FEET SOUTHWEST OF WILLOW SPRINGS DRIVE.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established:

Monument "To Reach" Description:

THE MONUMENT IS LOCATED IN THE MIDDLE OF VILLAGE PARK WAY, 340 FEET SOUTHERLY OF THE INTERSECTION WITH WILLOW SPRINGS DRIVE, 61 FEET SOUTHWESTERLY OF A STREET LIGHT AND 53 FEET NORTHWESTERLY OF A FIRE HYDRANT.

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

Latitude: 33°3'19.75599"N

Longitude: 117°14'38.9077"W

Ellipsoid Height: 149.354

Northing: 1965268.244

Easting: 6257064.577

NGVD29 Elevation: 262.17

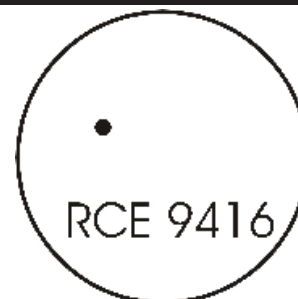
NAVD88 Elevation: 264.323

Combined Scale Factor 0.99995874

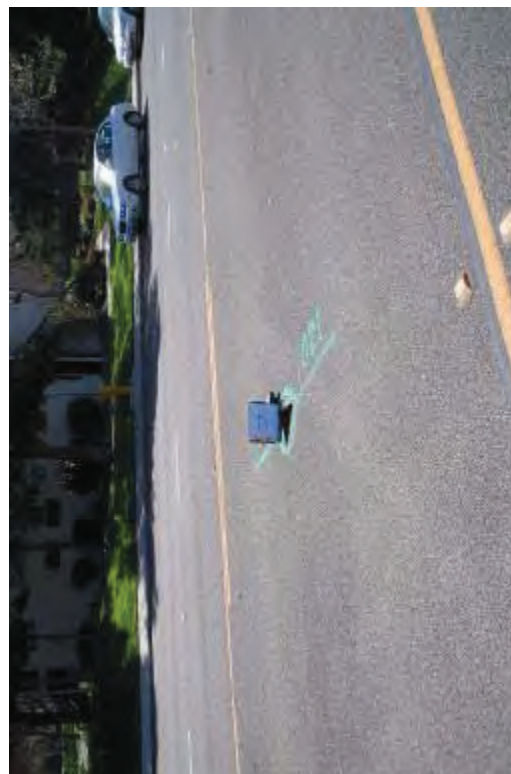
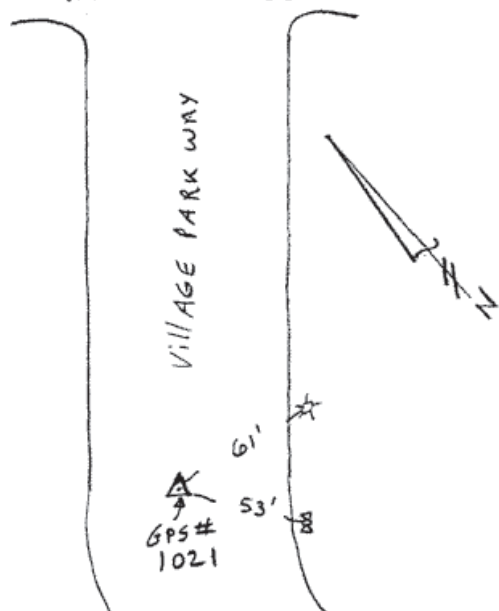
Convergence: - 0 32 46.673

Horizontal Order: FIRST

Monument
Sketch:



Willow SPRINGS DR.



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Point Number: 1022 Station Name: ENC-22

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN TOP OF CURB NOSE IN THE MIDDLE OF EL CAMINO REAL IN THE 3RD ISLAND APPROXIMATELY 700 FEET SOUTH OF GARDEN VIEW ROAD.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED IN THE WESTERLY CURB OF THE 3RD MEDIAN ISLAND BEING 700 FEET SOUTHERLY FROM THE MIDDLE OF GARDEN VIEW ROAD AND 10 FEET SOUTHERLY OF CURB NOSE.

DESTROYED

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

Latitude: 33°3'23.72283"N

Longitude: 117°15'44.82821"W

Ellipsoid Height: 26.818

Northing: 1965723.139

Easting: 6251458.126

NGVD29 Elevation: 139.97

NAVD88 Elevation: 142.124

Combined Scale Factor 0.99996451

Convergence: - 0 33 22.897

Horizontal Order: FIRST

Monument
Sketch:



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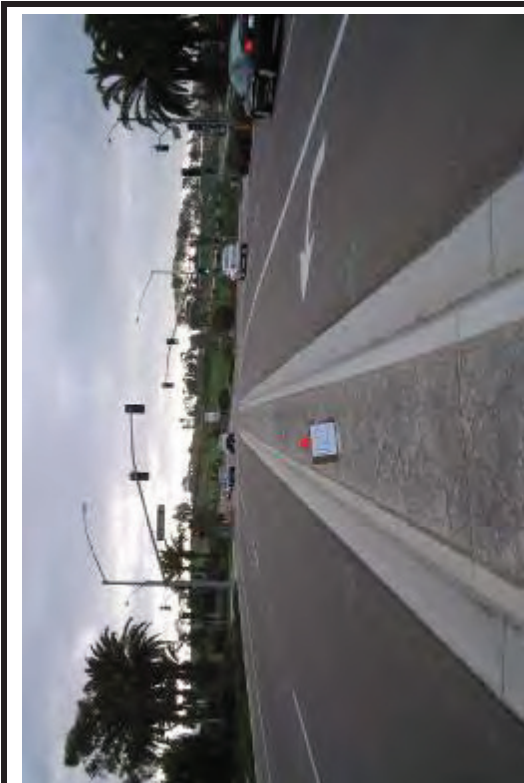
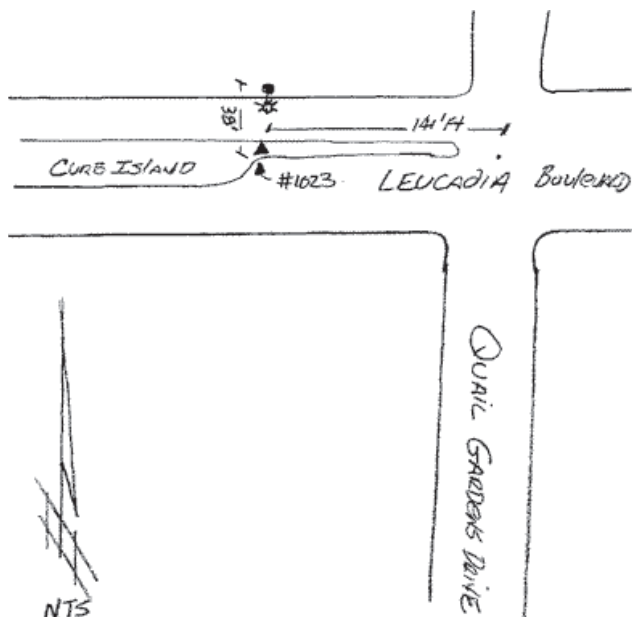
Point Number: 1023 **Station Name:** 134WCCS2
Monument Description:
FD. 2." DISK IN MEDIAN ISLAND OF LEUCADIA BLVD. 141 FT. +
WESTERLY OF LEFT TURN ISLAND GORE NOSE AT QUAIL
GARDENS DRIVE

Established By: COUNTY OF SAN DIEGO
Date Established:

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.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°3'55.14932"N
Longitude: 117°16'44.47678"W
Ellipsoid Height: 204.893
Northing: 1968948.942
Easting: 6246412.993
NGVD29 Elevation: 318.266
NAVD88 Elevation: 320.417
Combined Scale Factor 0.99995526
Convergence: - 0 33 55.675
Horizontal Order: FIRST

**Monument
Sketch:**



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Phone (760) 633-2770
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Point Number: 1024 **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 Feet
Latitude: 33°3'53.78226"N
Longitude: 117°17'36.30436"W
Ellipsoid Height: 62.727
Northing: 1968854.614
Easting: 6242001.192
NGVD29 Elevation: 176.391
NAVD88 Elevation: 178.543
Combined Scale Factor: 0.9999621
Convergence: - 0 34 24.155
Horizontal Order: FIRST

**Monument
Sketch:**



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Point Number: 1025 Station Name: ENC-25

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN WELL MONUMENT IN THE INTERSECTION OF SOUTH EL PORTAL STREET AND LA MESA AVENUE, 100 FEET NORTH ALONG THE SOUTHEASTERLY CURB LINE OF SOUTH EL PORTAL STREET.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED IN THE MIDDLE OF THE INTERSECTION OF SOUTH EL PORTAL STREET AND LA MESA AVENUE.

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

Latitude: 33°3'21.08803"N

Longitude: 117°17'59.56625"W

Ellipsoid Height: -55.445

Northing: 1965570.266

Easting: 6239988.375

NGVD29 Elevation: 58.449

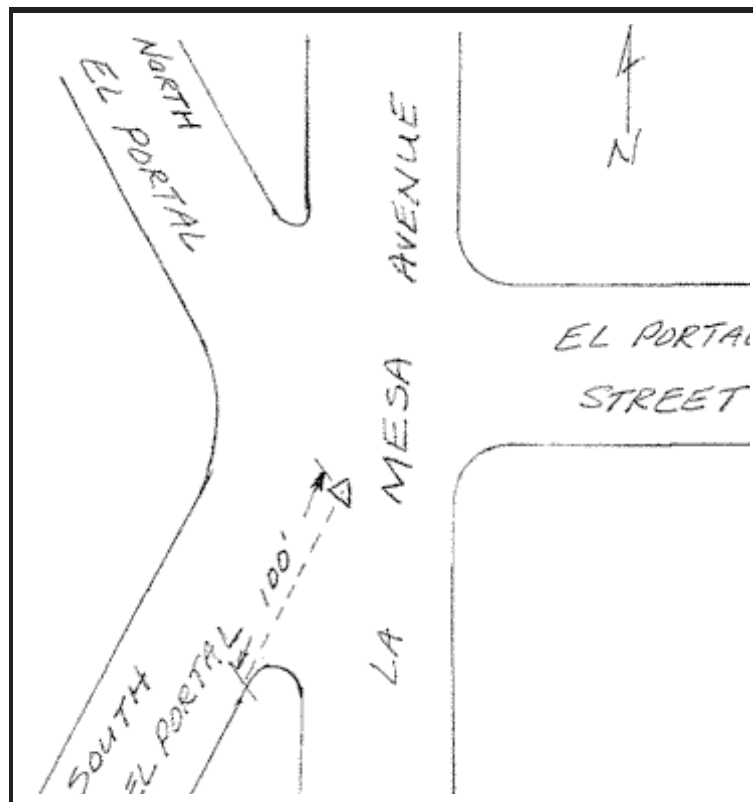
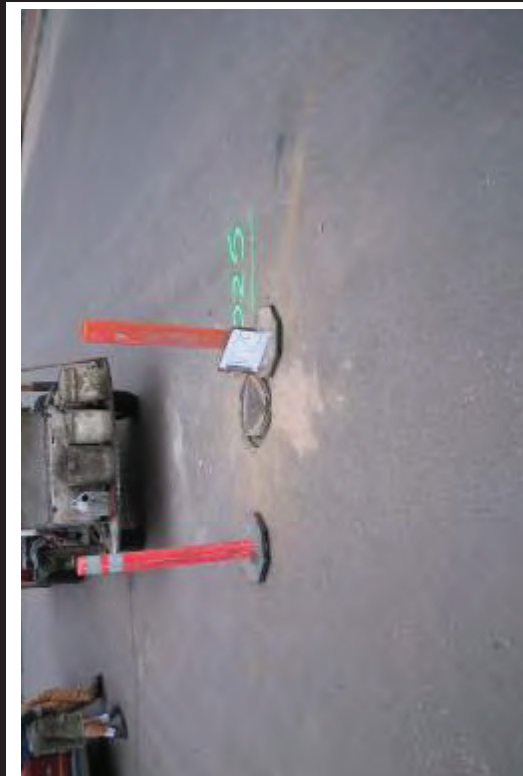
NAVD88 Elevation: 60.601

Combined Scale Factor 0.9999685

Convergence: - 0 34 36.938

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1026 Station Name: ENC-26

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE SOUTHWEST CORNER OF A DRAINAGE INLET BOX AT THE WEST SIDE OF PARKING LOT FOR OFFICE BUILDINGS ON THE SOUTH SIDE OF SAXONY PLACE, 200 FEET WEST OF SAXONY ROAD.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

FROM THE INTERSECTION OF SAXONY ROAD AND SAXONY PLACE, GO WEST ON SAXONY PLACE 265 FEET TO THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED IN THE SOUTHWEST CORNER OF A DRAINAGE BOX INLET AT THE WEST END OF THE FIRST PARKING LOT, 2 FEET WEST OF CURB AND 33 FEET SOUTH OF THE NORTHWEST CORNER OF THE PARKING LOT.

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

Latitude: 33°3'16.94918"N

Longitude: 117°17'11.48965"W

Ellipsoid Height: 59.399

Northing: 1965111.036

Easting: 6244075.873

NGVD29 Elevation: 173.04

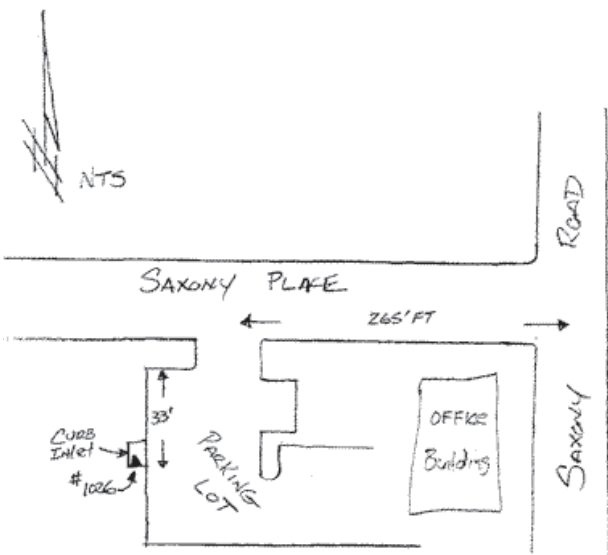
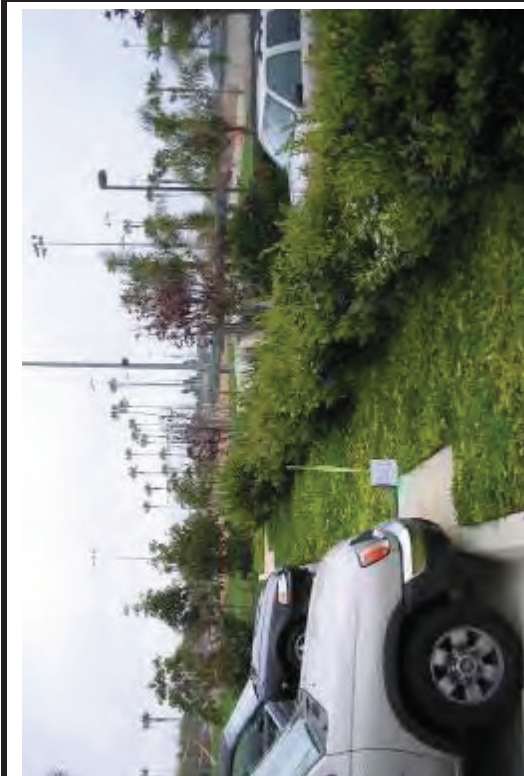
NAVD88 Elevation: 175.189

Combined Scale Factor 0.99996311

Convergence: - 0 34 10.519

Horizontal Order: FIRST

Monument
Sketch:



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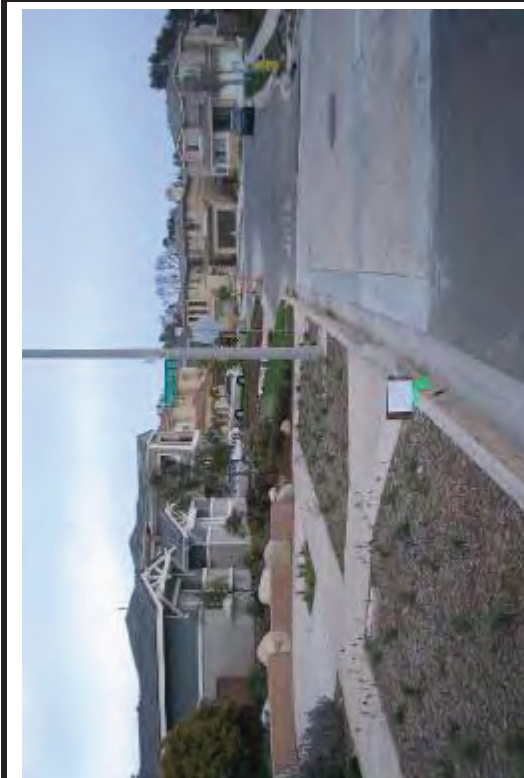
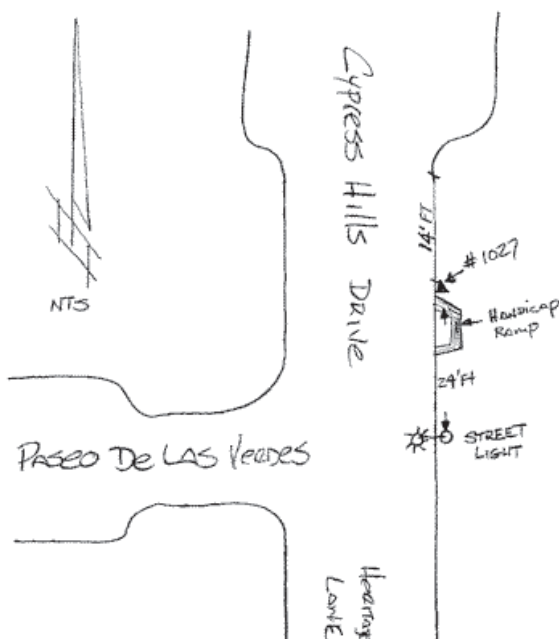
Point Number: 1027 **Station Name:** ENC-27
Monument Description:
SET 2.5" CITY OF ENCINITAS BRASS DISC IN TOP OF CURB AT THE NORTH END OF HANDICAP RAMP ON THE NORTH SIDE OF CYPRESS HILLS DRIVE AT PASEO DE LAS VERDES.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Monument "To Reach" Description:
THE MONUMENT IS LOCATED IN THE TOP OF THE EASTERLY CURB AT THE INTERSECTION OF PASEO DE LAS VERDES AND CYPRESS HILLS DRIVE AT THE NORTH END OF A HANDICAP RAMP AND 24' NORTHERLY OF A STREET LIGHT.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°3'21.02753"N
Longitude: 117°16'26.84418"W
Ellipsoid Height: 197.031
Northing: 1965485.663
Easting: 6247879.619
NGVD29 Elevation: 310.417
NAVD88 Elevation: 312.567
Combined Scale Factor: 0.99995642
Convergence: - 0 33 45.986
Horizontal Order: FIRST

Monument Sketch:



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505 S. Vulcan Avenue
Encinitas, CA 92024-3633

Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1028 Station Name: ENC-28

Monument Description:

FD. WELL MONUMENT AT CENTERLINE INTERSECTION OF TURNER AVENUE AND SHIELDS AVENUE.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established:

Monument "To Reach" Description:

THE MONUMENT IS LOCATED AT THE CENTERLINE INTERSECTION OF TURNER AVENUE AND SHIELDS AVENUE, 5 FEET SOUTH OF A SEWER MANHOLE AND 12 FEET NORTHWESTERLY OF A WATER GATE VALVE.

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

Latitude: 33°3'0.079692"N

Longitude: 117°15'17.87815"W

Ellipsoid Height: 135.247

Northing: 1963311.462

Easting: 6253728.722

NGVD29 Elevation: 248.33

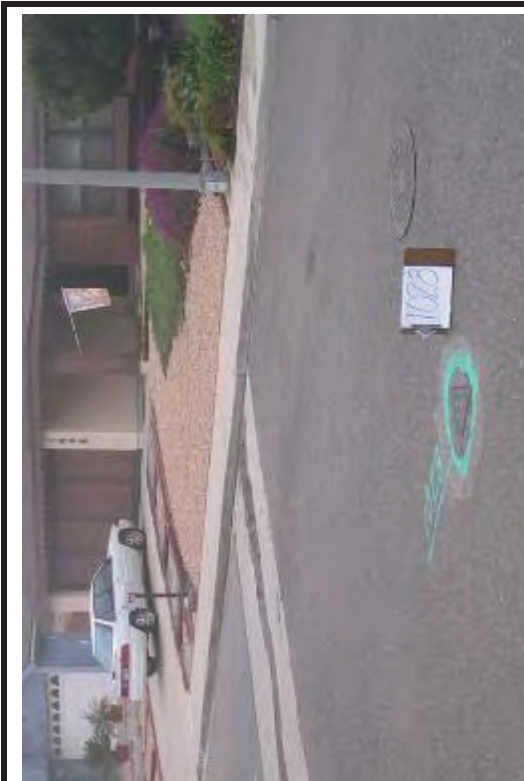
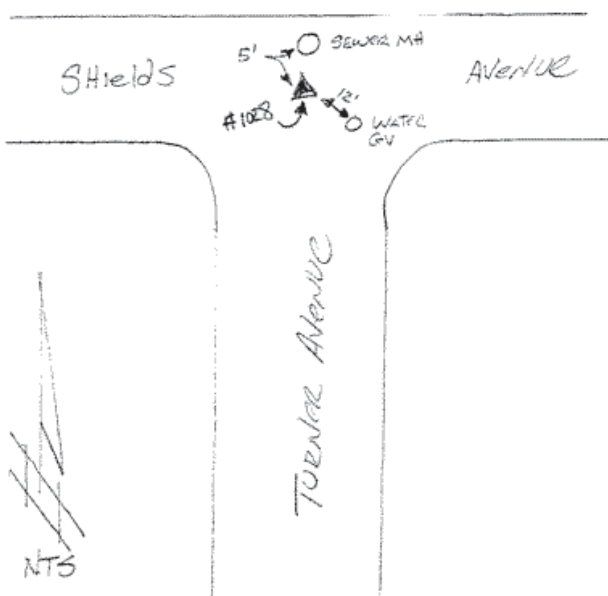
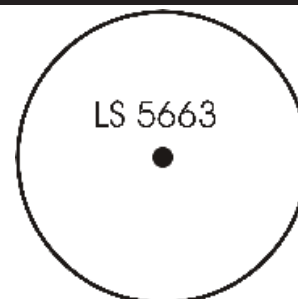
NAVD88 Elevation: 250.48

Combined Scale Factor 0.99995988

Convergence: - 0 33 08.088

Horizontal Order: FIRST

Monument
Sketch:



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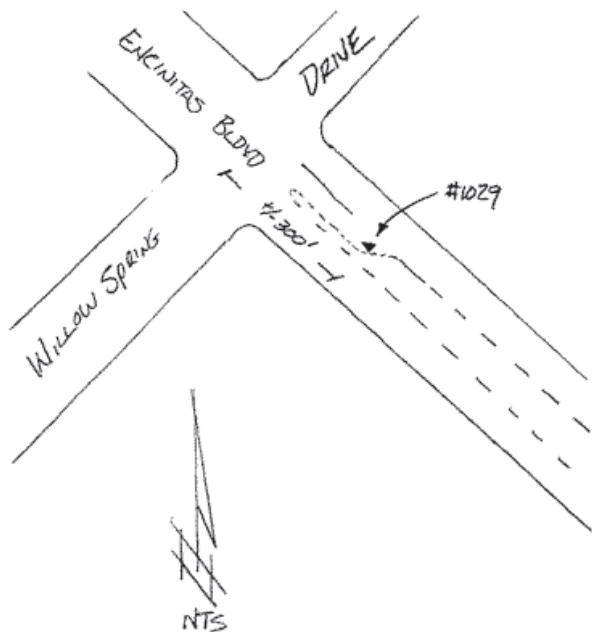
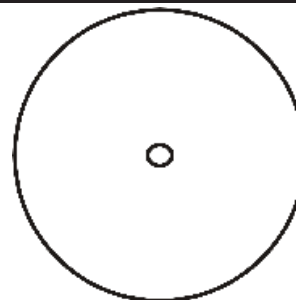
Point Number: 1029 **Station Name:** ENC-29
Monument Description:
FD. WELL MONUMENT IN AC. ON CENTERLINE OF ENCINITAS BOULEVARD, 300' EAST OF INTERSECTION WITH WILLOW SPRINGS AT BEGINNING OF LEFT TURN POCKET.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Monument "To Reach" Description:
THE MONUMENT IS LOCATED AT THE SOUTHEAST END OF THE LEFT TURN POCKET FROM NORTHBOUND ENCINITAS BOULEVARD TO WILLOW SPRINGS DRIVE WESTBOUND.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°2'29.26913"N
Longitude: 117°14'38.74311"W
Ellipsoid Height: 102.97
Northing: 1960165.668
Easting: 6257029.935
NGVD29 Elevation: 215.95
NAVD88 Elevation: 218.103
Combined Scale Factor 0.99996217
Convergence: - 0 32 46.582
Horizontal Order: FIRST

Monument Sketch:



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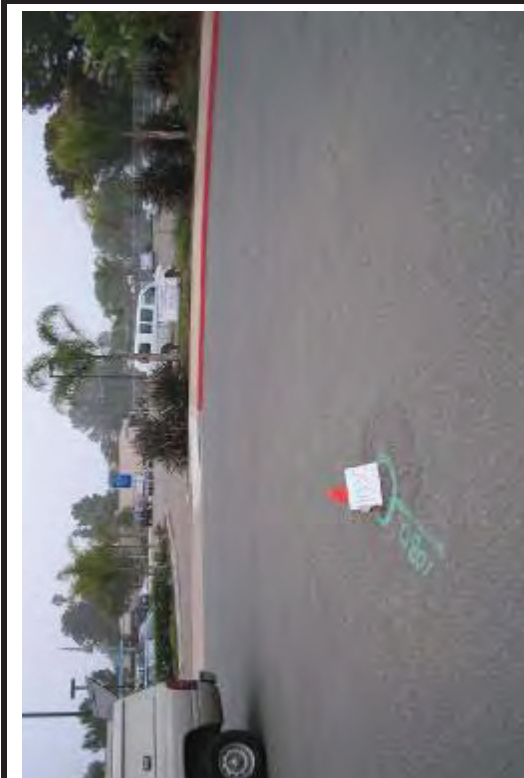
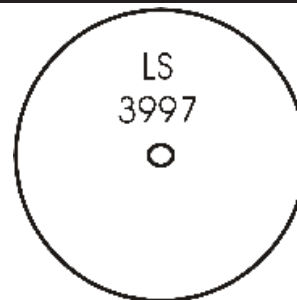
Point Number: 1030 **Station Name:** ENC-30
Monument Description:
FD. WELL MONUMENT AT CENTER OF CUL-DE-SAC, NORTH
END OF OAK CREST PARK DRIVE AT ENTRANCE TO OAK
CREST MIDDLE SCHOOL.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°2'37.31437"N
Longitude: 117°15'58.25528"W
Ellipsoid Height: 272.961
Northing: 1961044.005
Easting: 6250269.682
NGVD29 Elevation: 386.33
NAVD88 Elevation: 388.479
Combined Scale Factor 0.99995384
Convergence: - 0 33 30.276
Horizontal Order: FIRST

Monument "To Reach" Description:
THE MONUMENT IS LOCATED AT THE CENTER OF A 50 FOOT
CURB RADIUS AT THE ENTRANCE TO THE OAK CREST
MIDDLE SCHOOL.

**Monument
Sketch:**



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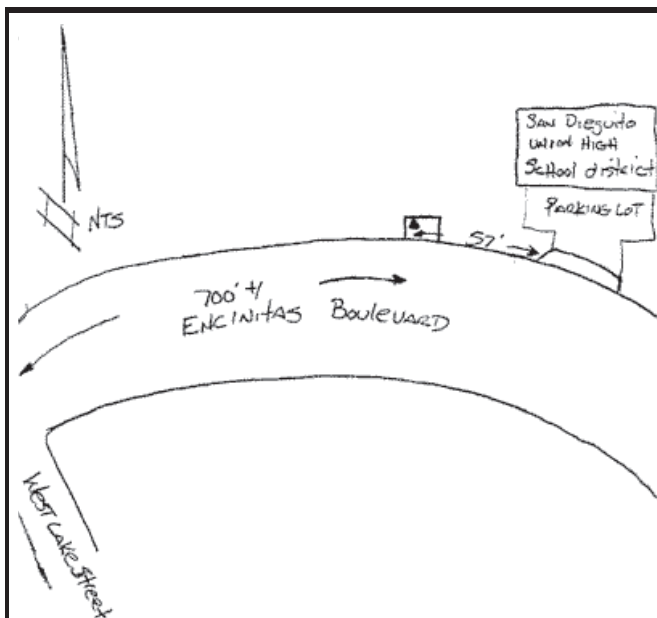
Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1031 **Station Name:** ENC-31
Monument Description:
SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE NORTHWEST CORNER OF DRAINAGE BOX ON NORTH SIDE OF ENCINITAS BOULEVARD AND 700 FEET EAST OF WESTLAKE STREET.
Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Monument "To Reach" Description:
FROM THE INTERSECTION OF ENCINITAS BOULEVARD AND WESTLAKE STREET GO EAST 700 FEET ALONG ENCINITAS BOULEVARD TO THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED IN THE NORTHWEST CORNER OF A DRAINAGE BOX CURB INLET ON THE NORTH SIDE OF ENCINITAS BOULEVARD 4.5 FEET NORTH OF CURB AND 57 FEET WEST OF DRIVEWAY INTO THE SAN DIEGITO UNION HIGH SCHOOL DISTRICT OFFICES.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°2'55.71902"N
Longitude: 117°16'36.59662"W
Ellipsoid Height: 67.333
Northing: 1962936.036
Easting: 6247024.425
NGVD29 Elevation: 180.85
NAVD88 Elevation: 182.995
Combined Scale Factor 0.99996323
Convergence: - 0 33 51.345
Horizontal Order: FIRST

Monument Sketch:



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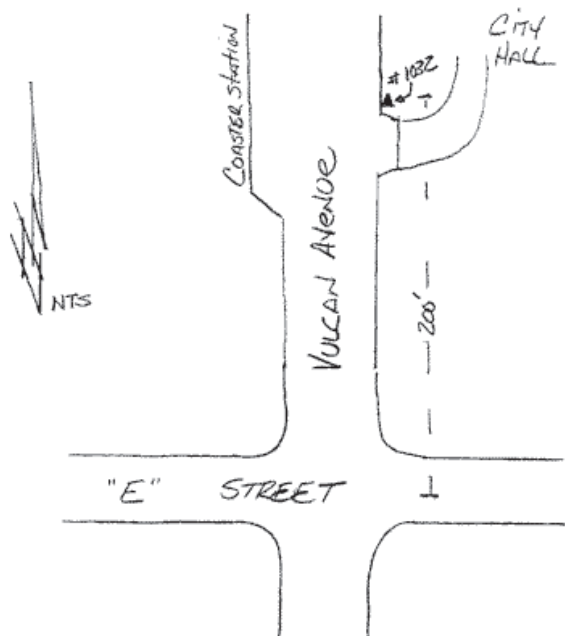
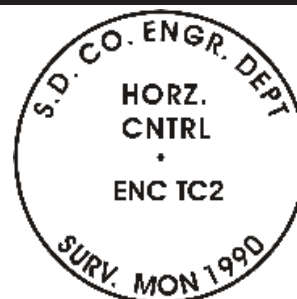
Point Number: 1032 **Station Name:** ENC-32
Monument Description:
FD. 2" SD. CO. ENGR. DEPT. BRASS DISC SET IN TOP OF CURB
EAST SIDE OF VULCAN AVENUE, 200 FEET NORTH OF E
STREET.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Monument "To Reach" Description:
THE MONUMENT IS LOCATED IN THE TOP OF EAST CURB OF
VULCAN AVENUE 200 FEET NORTH OF E STREET AND 2.5
FEET NORTH OF THE DRIVEWAY INTO THE ENCINITAS CITY
ADMINISTRATION OFFICES.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°2'43.37287"N
Longitude: 117°17'32.63929"W
Ellipsoid Height: -24.004
Northing: 1961735.615
Easting: 6242241.939
NGVD29 Elevation: 89.86
NAVD88 Elevation: 92.004
Combined Scale Factor: 0.9999679
Convergence: - 0 34 22.141
Horizontal Order: FIRST

**Monument
Sketch:**



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Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1033 Station Name: ENC-33

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN CURB ON THE SOUTH SIDE OF THE PARKING LOT FOR THE CITY OF ENCINITAS SWAMIS PARK IN RED CURB NORTH OF RESTROOMS.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

FROM THE INTERSECTION OF CHESTERFIELD DRIVE AND HIGHWAY 101 GO NORTH 1.2 MILES TO THE ENTRANCE TO SWAMI'S CITY PARK, TURN LEFT INTO PARKING LOT AND THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED IN THE TOP OF CURB ON THE SOUTH SIDE OF THE PARKING LOT ADJACENT TO THE RESTROOMS, 65 FEET NORTH OF RESTROOMS AND 7 FEET WEST OF PARKING BAY.

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

Latitude: 33°2'5.329634"N

Longitude: 117°17'30.46162"W

Ellipsoid Height: -34.041

Northing: 1957888.951

Easting: 6242388.878

NGVD29 Elevation: 79.93

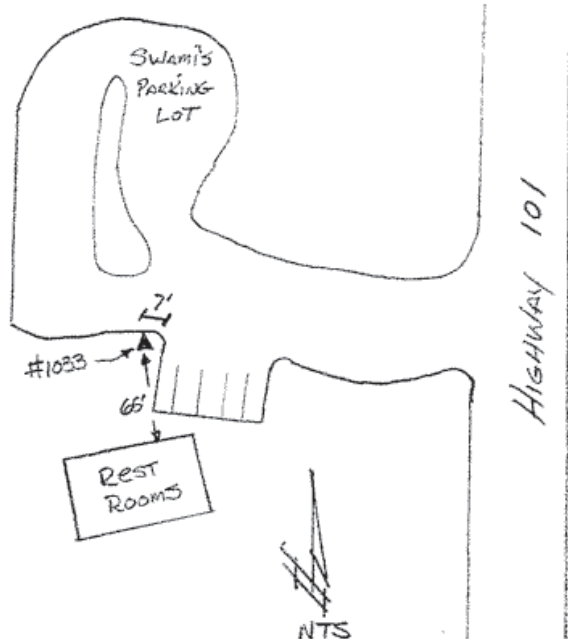
NAVD88 Elevation: 82.081

Combined Scale Factor 0.99996932

Convergence: - 0 34 20.945

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1034 Station Name: ENC-34

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE WEST END OF A 1'X5' HEADWALL ON THE NORTH END OF PIPE UNDER DRIVEWAY ON THE WEST SIDE OF BONITA DRIVE, 225 FEET NORTH OF SANTA FE DRIVE.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED IN THE WEST END OF THE NORTHERLY HEADWALL FOR A PIPE UNDER A DRIVEWAY ON THE WEST SIDE OF BONITA DRIVE 225 FEET NORTH OF THE MIDDLE OF SANTA FE ROAD.

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

Latitude: 33°2'12.91573"N

Longitude: 117°16'22.58958"W

Ellipsoid Height: 166.999

Northing: 1958598.426

Easting: 6248174.178

NGVD29 Elevation: 280.574

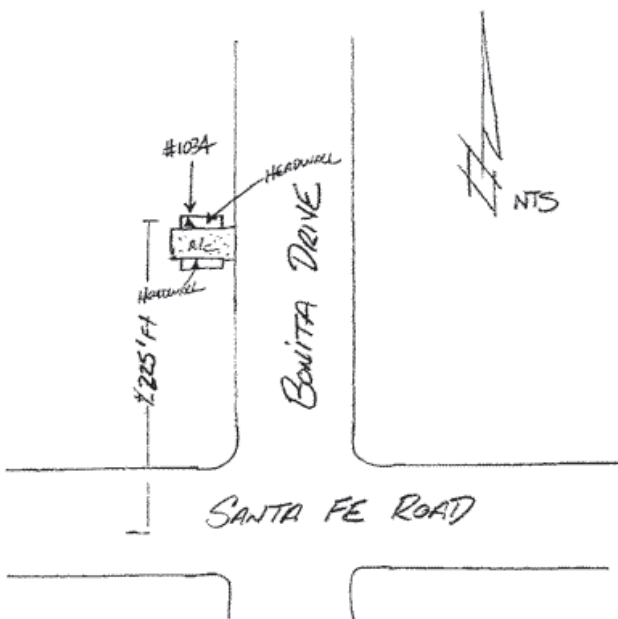
NAVD88 Elevation: 282.723

Combined Scale Factor 0.99995951

Convergence: - 0 33 43.648

Horizontal Order: FIRST

Monument
Sketch:



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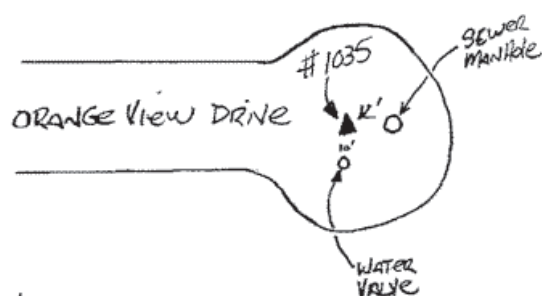
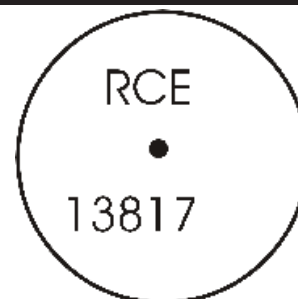
Point Number: 1035 Station Name: ENC-35
Monument Description:
FD. WELL MONUMENT AT CENTER OF CUL-DE-SAC, EAST
END OF ORANGE VIEW DRIVE.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Monument "To Reach" Description:
THE MONUMENT IS LOCATED AT THE CENTER OF THE CUL-
DE-SAC AT THE EAST END OF ORANGE VIEW DRIVE, 12
FEET WEST OF A SEWER MANHOLE AND 10 FEET NORTH OF
A WATER GATE VALVE.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°28.54187"N
Longitude: 117°15'16.52875"W
Ellipsoid Height: 127.849
Northing: 1958101.705
Easting: 6253793.387
NGVD29 Elevation: 241.09
NAVD88 Elevation: 243.238
Combined Scale Factor 0.99996149
Convergence: - 0 33 07.346
Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1036 Station Name: ENC-36

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE NORTHEAST CORNER OF DRAINAGE INLET ON THE NORTH SIDE OF RANCHO SANTA FE ROAD, 200' WEST OF THE INTERSECTION WITH LA BAJADA AND EL MIRLO.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

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

Latitude: 33°2'1.233183"N

Longitude: 117°14'5.607246"W

Ellipsoid Height: -77.744

Northing: 1957305.454

Easting: 6259823.741

NGVD29 Elevation: 35.16

NAVD88 Elevation: 37.309

Combined Scale Factor 0.99997151

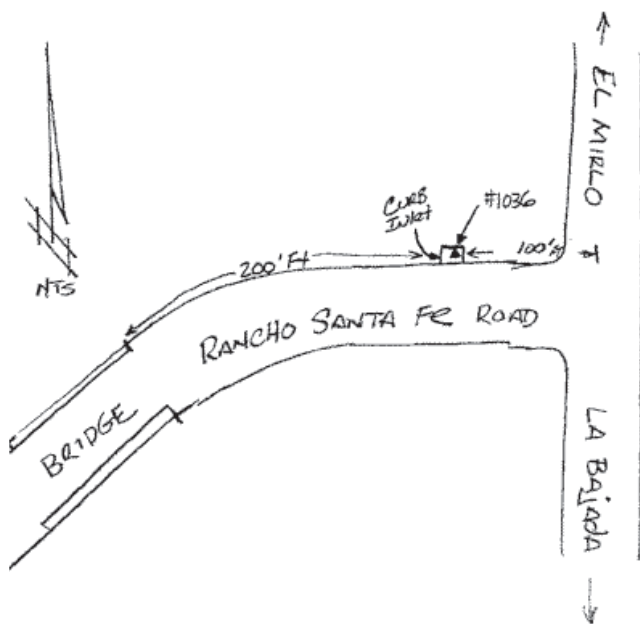
Convergence: - 0 32 28.373

Horizontal Order: FIRST

Monument "To Reach" Description:

THE MONUMENT IS LOCATED ON THE NORTHSIDE OF RANCHO SANTA FE ROAD, 200 FEET WEST OF THE INTERSECTION WITH LA BAJADA AND EL MIRLO, 200 FEET EASTERLY OF THE EAST END OF THE RANCHO SANTA FE ROAD BRIDGE OVER ESCONDIDO CREEK AND 4.5 FEET NORTH OF CURB.

Monument
Sketch:



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Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1037 Station Name: ENC-37

Monument Description:

SET 2" IRON PIPE WITH CONCRETE COLLAR AND 2.5" CITY OF ENCINITAS BRASS DISC 220 FEET NORTH OF MANCHESTER AVENUE AND 85 FEET WEST OF TRABERT RANCH ROAD.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED 220 FEET NORTH OF MANCHESTER AVENUE, 85 FEET WEST OF TRABERT RANCH ROAD, 20 FEET EAST OF A CITY MAINTAINED TRAIL AND 81 FEET WEST OF THE SOUTHERLY END OF A WOOD SPLIT RAIL FENCE.

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

Latitude: 33°1'45.22778"N

Longitude: 117°14'36.50699"W

Ellipsoid Height: -59.691

Northing: 1955712.83

Easting: 6257177.865

NGVD29 Elevation: 53.42

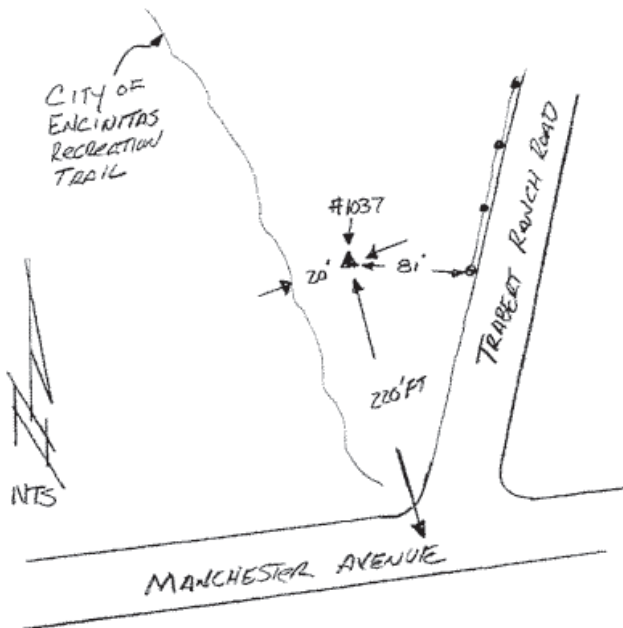
NAVD88 Elevation: 55.569

Combined Scale Factor 0.99997106

Convergence: - 0 32 45.353

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1038 Station Name: ENC-38

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN NE CORNER OF DRAINAGE CURB INLET ON THE EAST SIDE OF MANCHESTER AVENUE 0.1 MILE SOUTH OF THE INTERSECTION WITH EL CAMINO REAL .

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

FROM THE INTERSECTION OF EL CAMINO REAL AND MANCHESTER AVENUE GO SOUTH ON MANCHESTER AVENUE 0.1 MILES TO THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED IN THE NORTHEAST CORNER OF A DRAINAGE CURB INLET, 4.5 FEET FROM CURB AND 66 FEET SOUTH OF AN ANCHOR POLE.

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

Latitude: 33°1'8.892039"N

Longitude: 117°15'19.53597"W

Ellipsoid Height: -78.074

Northing: 1952075.692

Easting: 6253479.259

NGVD29 Elevation: 35.37

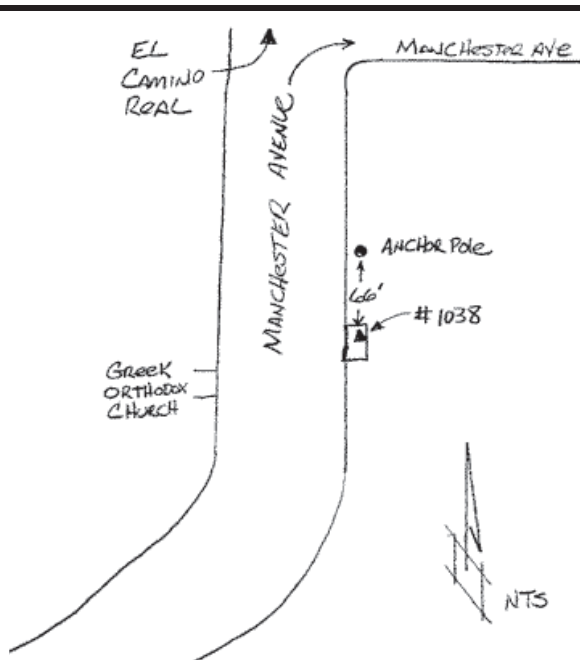
NAVD88 Elevation: 37.521

Combined Scale Factor 0.99997288

Convergence: - 0 33 08.999

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1039 Station Name: ENC-39

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN THE TOP OF CURB, NORTHWEST QUADRANT OF BIRMINGHAM DRIVE AND LAKE DRIVE IN THE MIDDLE OF RETURN.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED AT THE NORTHWEST QUADRANT OF BIRMINGHAM DRIVE AND LAKE DRIVE, 35 FEET NORTH OF THE CENTER OF BIRMINGHAM DRIVE AND 15 FEET WEST OF THE CENTER OF LAKE DRIVE.

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

Latitude: 33°1'31.73741"N

Longitude: 117°15'59.51433"W

Ellipsoid Height: 208.253

Northing: 1954417.55

Easting: 6250097.897

NGVD29 Elevation: 321.833

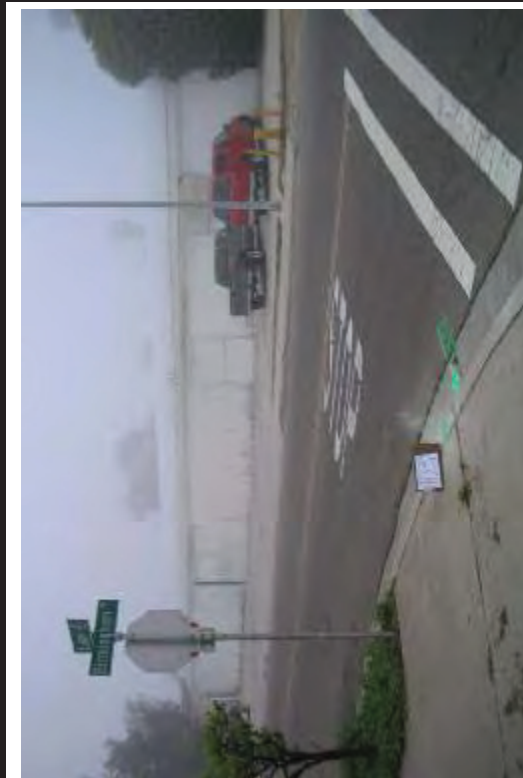
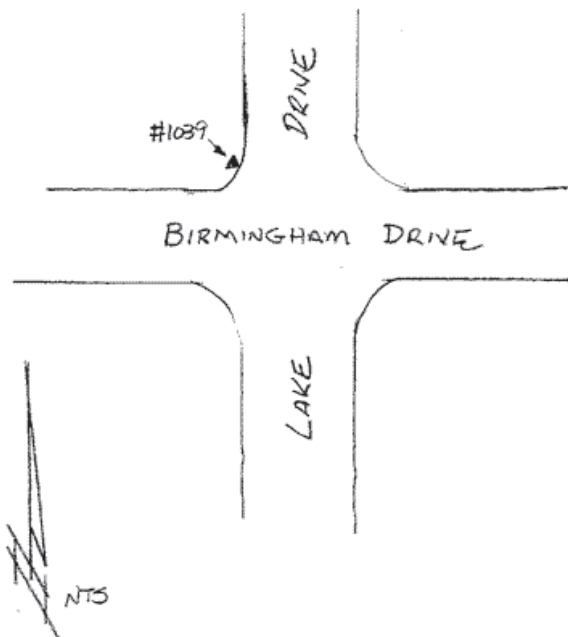
NAVD88 Elevation: 323.983

Combined Scale Factor 0.99995858

Convergence: - 0 33 30.967

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1040 Station Name: ENC-40

Monument Description:

FD. WELL MONUMENT AT THE CENTER OF CUL-DE-SAC,
SOUTH END OF BULRUSH LANE.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED AT THE CENTER OF A 38 FOOT
CURB RADIUS CUL-DE-SAC AT THE SOUTH END OF
BULRUSH LANE.

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

Latitude: 33°15.763073"N

Longitude: 117°16'14.1565"W

Ellipsoid Height: 106.36

Northing: 1951804.65

Easting: 6248825.615

NGVD29 Elevation: 220.097

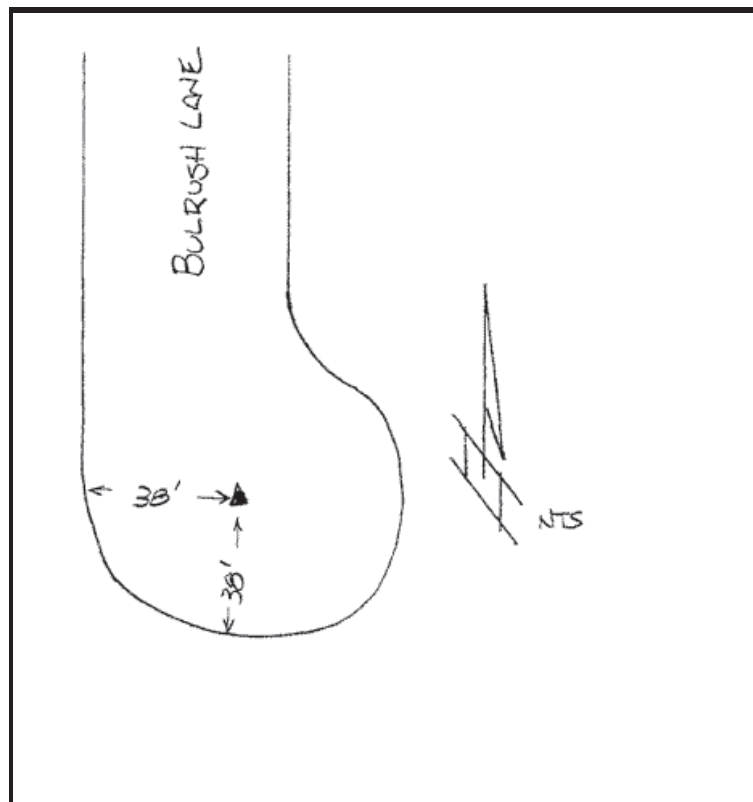
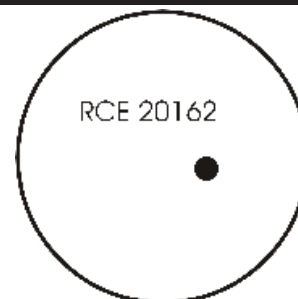
NAVD88 Elevation: 222.245

Combined Scale Factor 0.99996414

Convergence: - 0 33 39.014

Horizontal Order: FIRST

Monument
Sketch:



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CITY OF ENCINITAS

SURVEY CONTROL NETWORK

Engineering Department
505 S. Vulcan Avenue
Encinitas, CA 92024-3633

Phone (760) 633-2770
Fax (760) 633-2818

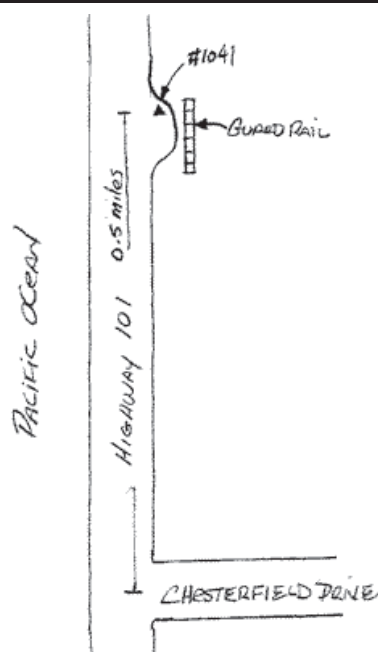
Point Number: 1041 **Station Name:** ENC-41
Monument Description:
SET 2" IRON PIPE IN AC. WITH 2.5" CITY OF ENCINITAS BRASS DISC IN A TURNOUT ON THE EAST SIDE OF NORTHBOUND HIGHWAY 101, 0.5 MILES NORTH OF CHESTERFIELD AND 10 FEET WEST OF THE NORTH END OF GUARD RAIL.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 4/15/2004

Monument "To Reach" Description:
FROM THE INTERSECTION OF HIGHWAY 101 AND CHESTERFIELD DRIVE GO NORTH ON HIGHWAY 101 0.5 MILES TO A TURNOUT AND THE MONUMENT ON THE RIGHT. THE MONUMENT IS LOCATED 10 FEET WESTERLY AND OPPOSITE THE NORTH END OF A GUARD RAIL IN THE AC. PAVEMENT.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°1'32.15962"N
Longitude: 117°17'10.03222"W
Ellipsoid Height: -42.496
Northing: 1954519.319
Easting: 6244094.667
NGVD29 Elevation: 71.463
NAVD88 Elevation: 73.612
Combined Scale Factor 0.99997057
Convergence: - 0 34 09.718
Horizontal Order: FIRST

Monument Sketch:



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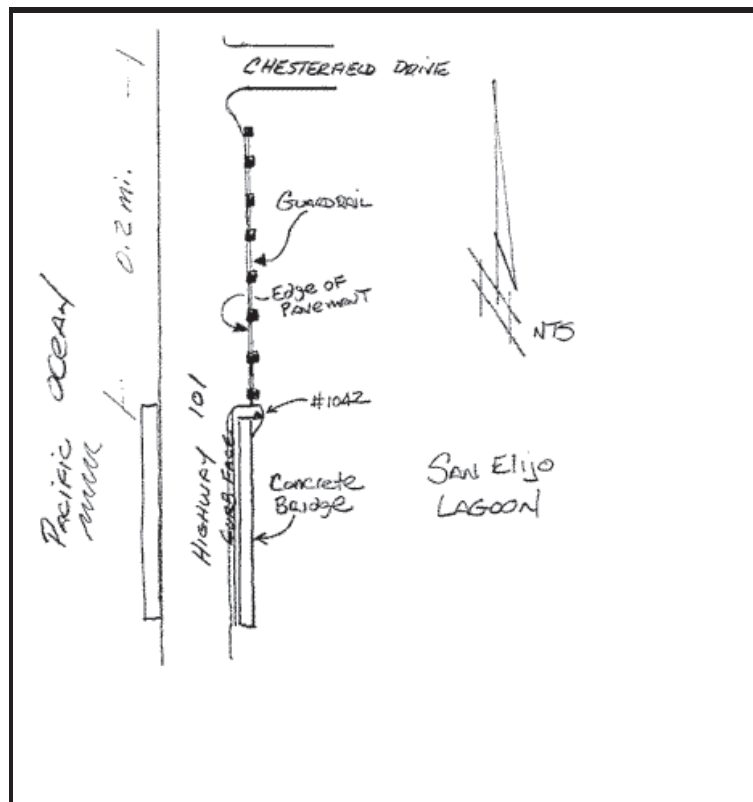
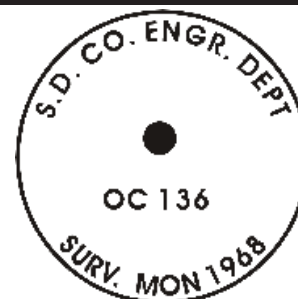
Point Number: 1042 **Station Name:** ENC-42
Monument Description:
FD 2.5" SD. CO. ENGINEERS DISC STAMPED "OC 136, 1968" IN
EAST WING WALL OF THE NORTH END OF THE
NORTHBOUND HIGHWAY 101 BRIDGE OVER SAN ELIJO
LAGOON.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Monument "To Reach" Description:
FROM THE INTERSECTION OF CHESTERFIELD DRIVE AND
HIGHWAY 101, GO SOUTH ON HIGHWAY 101 0.2 MILES TO
THE BRIDGE OVER THE SAN ELIJO LAGON AND THE
MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED IN
THE EAST WING WALL OF THE NORTH END OF BRIDGE, 9
FEET EAST OF EAST CURB AND 3.8 FEET SOUTH OF NORTH
CURB.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°0'58.74282"N
Longitude: 117°16'51.35117"W
Ellipsoid Height: -99.165
Northing: 1951126.311
Easting: 6245651.712
NGVD29 Elevation: 14.793
NAVD88 Elevation: 16.938
Combined Scale Factor 0.99997416
Convergence: - 0 33 59.453
Horizontal Order: FIRST

**Monument
Sketch:**



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Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1043 Station Name: ENC-43

Monument Description:

FD. 3.5" NATIONAL GEODETIC SURVEY DISC IN HEADWALL, 0.2 MILES NORTH OF SOLANA VISTA DRIVE ON THE EAST SIDE OF NORTHBOUND HIGHWAY 101, 3 FEET OFF SHOULDER AND 6 FEET WEST OF CARDIFF BY THE SEA SIGN.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established:

Monument "To Reach" Description:

FROM THE INTERSECTION OF SOLANA VISTA DRIVE AND HIGHWAY 101, GO NORTH ON HIGHWAY 01 0.25 MILES TO THE MONUMENT ON THE RIGHT. THE MONUMENT IS LOCATED ON THE EAST SIDE OF HIGHWAY 101, THE TOP OF THE HILL BEFORE THE BEGINNING OF A LONG CURVE TO THE RIGHT, ON THE NORTHWEST END OF A DRAINAGE PIPE HEADWALL, 3 FEET EAST OF AC. BERM AND 6 FEET WEST OF "CARDIFF BY THE SEA" SIGN.

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

Latitude: 33°0'5.759233"N

Longitude: 117°16'35.18547"W

Ellipsoid Height: -81.538

Northing: 1945757.987

Easting: 6246975.431

NGVD29 Elevation: 32.509

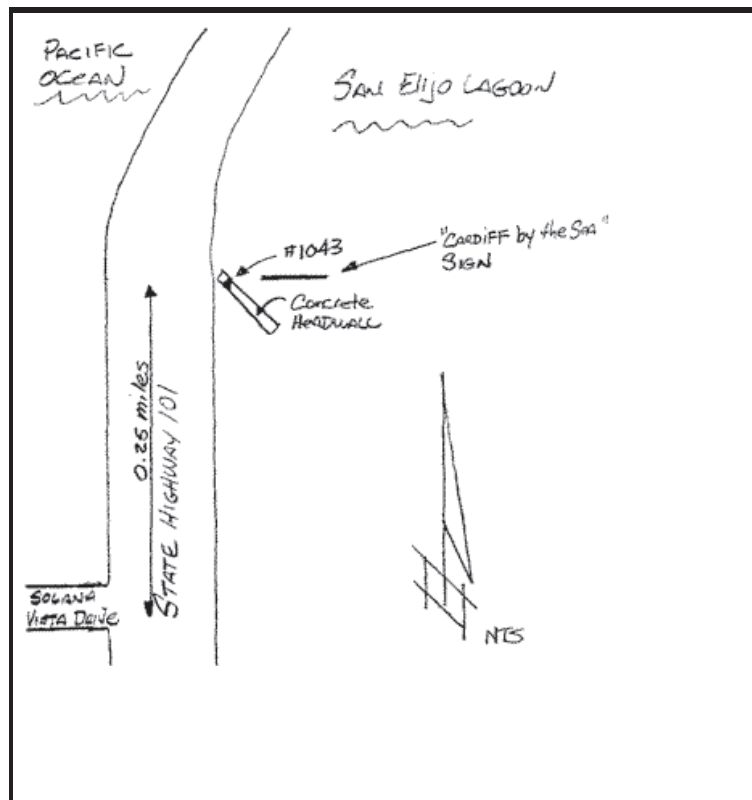
NAVD88 Elevation: 34.664

Combined Scale Factor 0.99997476

Convergence: - 0 33 50.569

Horizontal Order: FIRST

Monument
Sketch:



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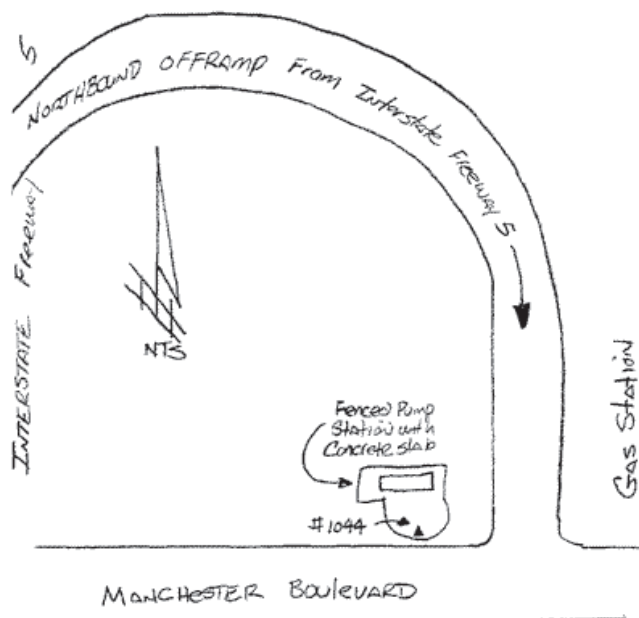
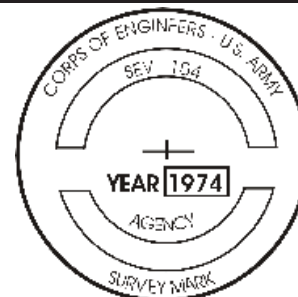
Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1044 **Station Name:** ENC-44
Monument Description:
FD. 3.5" DIAMETER CORPS OF ENGINEERS-US ARMY BRASS DISC STAMPED "SEV 104, 1974" SET IN CONCRETE STRUCTURE OF THE OLIVENHAIN PUMP STATION IN THE NORTHWEST QUADRANT OF MANCHESTER AVENUE AND THE NORTHBOUND INTERSTATE 5 OFF RAMP TO MANCHESTER AVENUE.
Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Monument "To Reach" Description:
THE MONUMENT IS LOCATED ON THE NORTH SIDE OF MANCHESTER AVENUE, 65 FEET WESTERLY OF THE CENTER OF THE NORTHBOUND INTERSTATE HIGHWAY 5 FREEWAY OFF RAMP, IN THE MIDDLE OF THE SOUTHERLY EDGE OF A CONCRETE SLAB FOR AN OLIVENHAIN MUNICIPAL WATER DISTRICT PUMP STATION,

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°0'39.39813"N
Longitude: 117°15'49.93719"W
Ellipsoid Height: -97.284
Northing: 1949119.976
Easting: 6250861.825
NGVD29 Elevation: 16.41
NAVD88 Elevation: 18.56
Combined Scale Factor: 0.99997459
Convergence: - 0 33 25.705
Horizontal Order: FIRST

Monument Sketch:



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Phone (760) 633-2770
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Point Number: 1045 Station Name: ENC-45

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN WESTERLY CORNER OF CONCRETE DROP INLET, EAST SIDE OF STONEBRIDGE LANE AND 450 FEET WEST OF EL CAMINO REAL.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

FROM THE INTERSECTION OF STONEBRIDGE LANE AND EL CAMINO REAL, GO SOUTHWESTERLY ON STONEBRIDGE LANE 450 FEET TO THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED IN THE SOUTHWEST CORNER OF A DRAINAGE BOX INLET ON THE SOUTH SIDE OF STONEBRIDGE LANE, 0.5 FEET FROM CURB.

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

Latitude: 33°1'13.25676"N

Longitude: 117°14'32.07798"W

Ellipsoid Height: -90.497

Northing: 1952478.1

Easting: 6257524.17

NGVD29 Elevation: 22.691

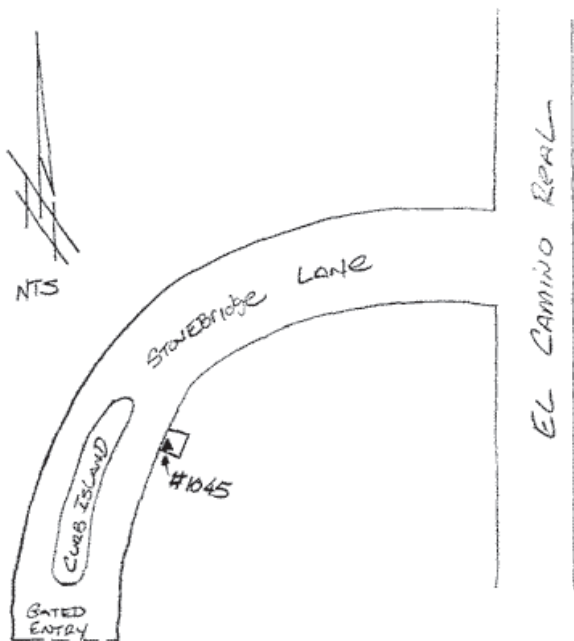
NAVD88 Elevation: 24.841

Combined Scale Factor 0.99997336

Convergence: - 0 32 42.920

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1046 Station Name: ENC-46

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN NORTHWEST CORNER OF CONCRETE DROP INLET IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF SANTA HELENA AND SANTA ROSITA STREETS.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

Monument "To Reach" Description:

THE MONUMENT IS LOCATED 60 FEET NORTH OF THE CENTER OF SANTA HELENA AND 20 FEET WEST OF THE CENTER OF SANTA ROSITA, 2 FEET WEST OF CURB.

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

Latitude: 32°59'59.72188"N

Longitude: 117°15'17.63672"W

Ellipsoid Height: 54.509

Northing: 1945083.493

Easting: 6253573.589

NGVD29 Elevation: 168.162

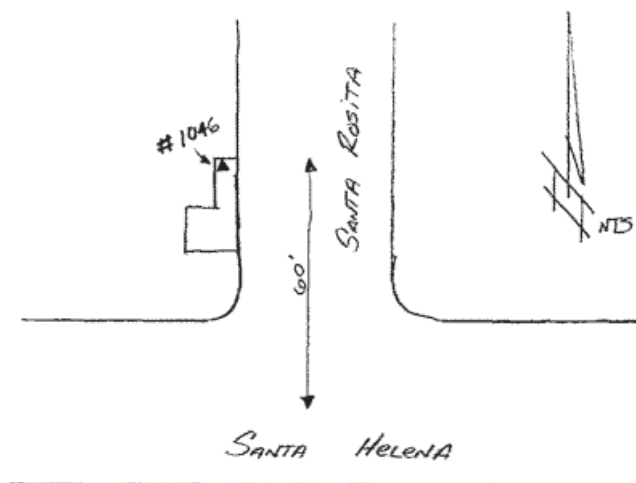
NAVD88 Elevation: 170.313

Combined Scale Factor 0.99996842

Convergence: - 0 33 07.955

Horizontal Order: FIRST

Monument
Sketch:



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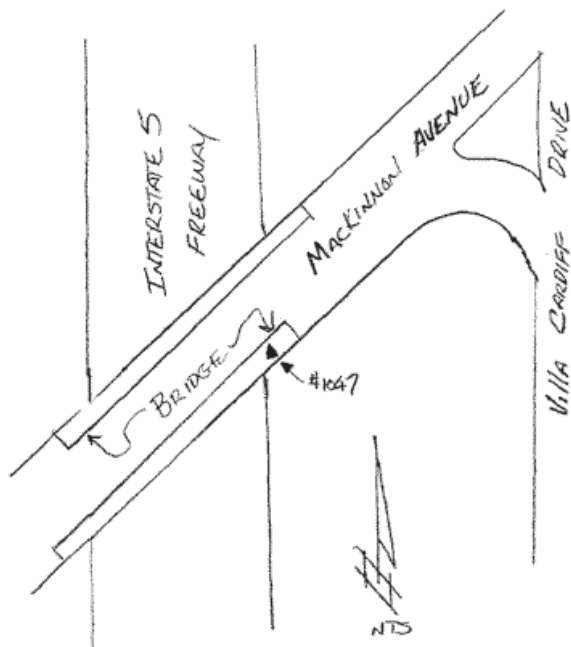
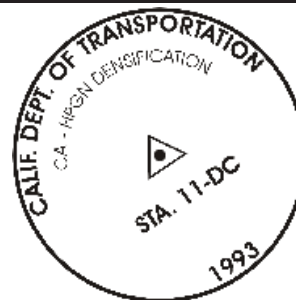
Point Number: 1047 **Station Name:** CADT 11-DC
Monument Description:
FD. 3.5" CALIFORNIA DEPARTMENT OF TRANSPORTATION
ALUMINUM DISC IN THE SIDEWALK OVER THE SOUTHEAST
END OF THE NORTHEAST ABUTMENT OF THE MACKINNON
AVENUE BRIDGE OVER INTERSTATE HIGHWAY 5.

Established By: HUNSAKER & ASSOCIATES SAN
Date Established:

Monument "To Reach" Description:
THE MONUMENT IS LOCATED ON THE SOUTH EAST SIDE OF
MACKINNON AVENUE OVER THE NORTHEAST ABUTMENT
FOR THE BRIDGE OVER INTERSTATE HIGHWAY 5, IN THE
CENTER OF SIDEWALK.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°1'50.2424"N
Longitude: 117°16'37.92064"W
Ellipsoid Height: 115.81
Northing: 1956319.791
Easting: 6246846.538
NGVD29 Elevation: 229.539
NAVD88 Elevation: 231.691
Combined Scale Factor 0.99996253
Convergence: - 0 33 52.072
Horizontal Order: FIRST

**Monument
Sketch:**



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Phone (760) 633-2770
Fax (760) 633-2818

Point Number: 1048 Station Name: ENC-48

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN NORTHWEST CORNER OF CONCRETE DROP INLET ON NORTH SIDE OF SANTA FE DRIVE WEST OF INTERSTATE HIGHWAY 5 AT THE NORTHEAST RETURN INTO SCRIPPS MEMORIAL HOSPITAL, ENCINITAS.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 4/15/2004

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

Latitude: 33°2'10.80474"N

Longitude: 117°16'59.20084"W

Ellipsoid Height: 57.446

Northing: 1958415.809

Easting: 6245055.513

NGVD29 Elevation: 171.227

NAVD88 Elevation: 173.376

Combined Scale Factor 0.9999648

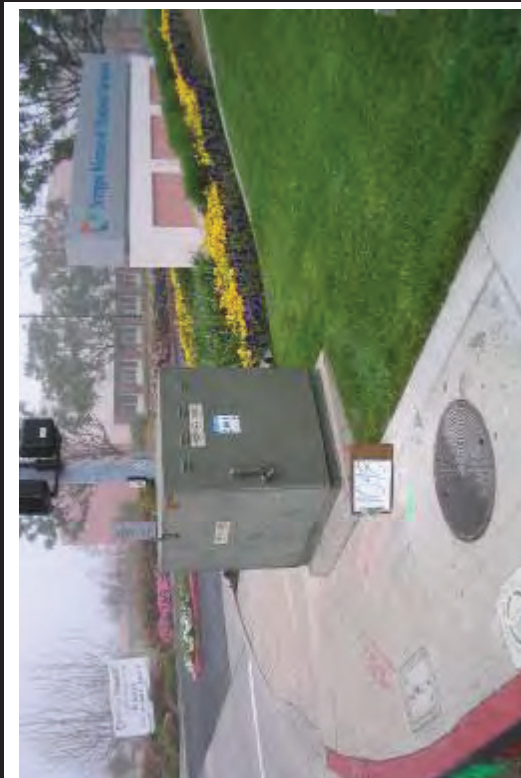
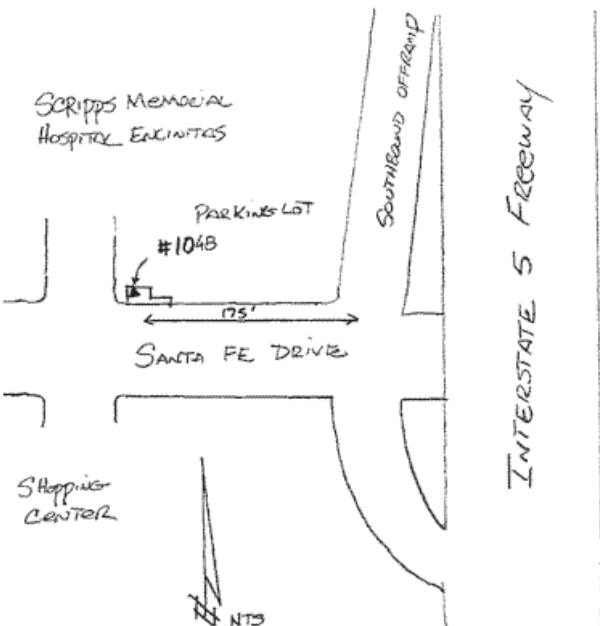
Convergence: - 0 34 03.766

Horizontal Order: FIRST

Monument "To Reach" Description:

THE MONUMENT IS LOCATED ON THE NORTH SIDE OF SANTA FE DRIVE, 175 FEET WEST OF THE INTERSTATE HIGHWAY 5 SOUTHBOUND OFF RAMP TO SANTA FE DRIVE. THE NORTHWEST CORNER OF A DRAINAGE CURB INLET, 4 FEET NORTH OF CURB.

Monument
Sketch:



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Point Number: 1049 Station Name: ENC-49

Monument Description:

SET 2" IRON PIPE WITH CONCRETE COLLAR AND 2.5" CITY OF ENCINITAS BRASS DISC IN NORTHERLY RIGHT OF WAY OF ELFIN FOREST ROAD 0.1 MILES EASTERLY OF FORTUNA DEL NORTE, 29 FEET NORTH OF PAVEMENT.

Established By: HUNSAKER & ASSOCIATES SAN

Date Established: 7/8/2004

Monument "To Reach" Description:

FROM THE INTERSECTION OF ELFIN FOREST ROAD WITH FORTUNA DEL NORTE AND FORTUNA DEL SUR, GO EASTERLY ON ELFIN FOREST ROAD 0.1 MILES TO THE MONUMENT ON THE LEFT. THE MONUMENT IS LOCATED 29 FEET NORTHERLY OF THE EDGE OF PAVEMENT, 7 FEET SOUTHERLY OF THE CENTER OF A "SDCWA COMBLE" VAULT NO. FB26, AND 55 FEET EASTERLY OF POWER POLE NO. 712397.

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

Latitude: 33°5'3.93872"N

Longitude: 117°11'5.93642"W

Ellipsoid Height: 475.531

Northing: 1975629.836

Easting: 6275284.558

NGVD29 Elevation: 586.829

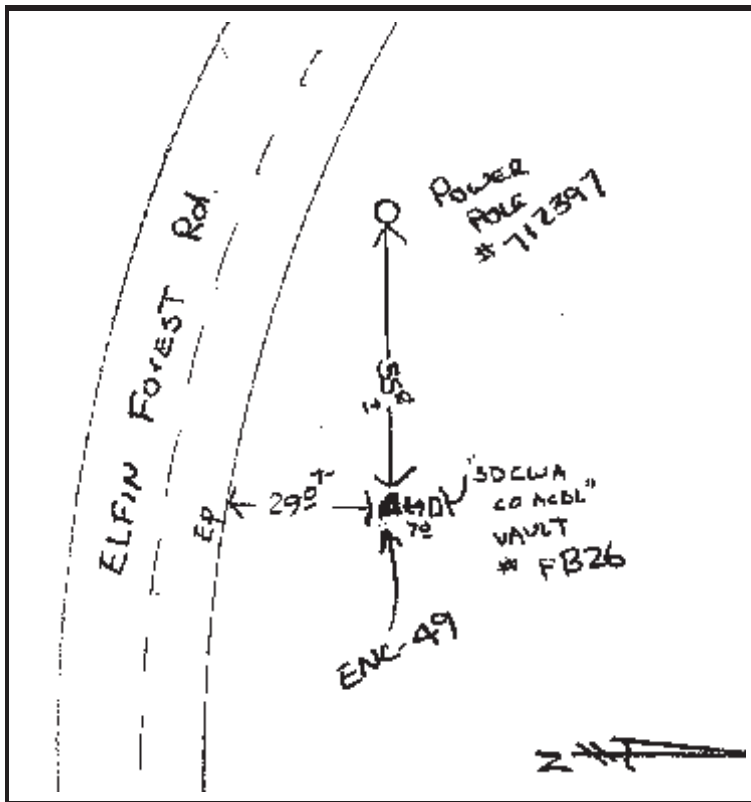
NAVD88 Elevation: 588.991

Combined Scale Factor 0.99994082

Convergence: - 0 30 49.641

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1050 Station Name: ENC-50

Monument Description:

SET 2.5" CITY OF ENCINITAS BRASS DISC IN CONCRETE MEDIAN CURB NEAR CENTERLINE OF EL CAMINO REAL IN THE NORTH END OF THIRD MEDIAN SOUTH OF GARDEN VIEW RD., 700 FEET SOUTHERLY OF INTERSECTION. (REPLACES ENC-22 DESTROYED BY CONSTRUCTION)

Established By: HUNSAKER & ASSOCIATES SAN DIEGO, INC

Date Established: 11/28/2005

Monument "To Reach" Description:

THE MONUMENT IS LOCATED IN CONCRETE MEDIAN CURB NEAR CENTERLINE OF EL CAMINO REAL IN THE NORTH END OF THIRD MEDIAN SOUTH OF GARDEN VIEW ROAD, 700 FEET SOUTHERLY OF OF INTERSECTION AND 15 FEET SOUTHERLY OF CURB NOSE.

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

Latitude: 33°3'24.28824"N

Longitude: 117°15'45.01015"W

Ellipsoid Height: 25.476

Northing: 1965780.432

Easting: 6251443.198

NGVD29 Elevation: 138.627

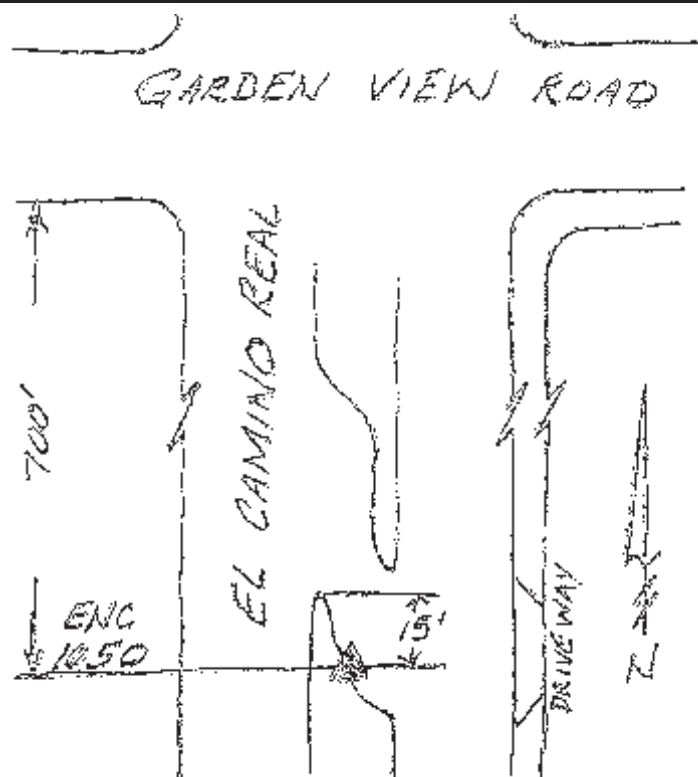
NAVD88 Elevation: 140.779

Combined Scale Factor 0.99996456

Convergence: - 0 33 22.997

Horizontal Order: FIRST

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1051 Station Name: ENC-51

Monument Description:

SET 2 1/2" CITY OF ENCINITAS BRASS DISK STAMPED "ENC-51, LS 7322, 2008" SET IN CONCRETE ON THE TOP OF A CATCH BASIN ON THE WEST SIDE OF BONITA DRIVE 400 FEET NORTHERLY OF SANTA FE DRIVE. (REPLACES ENC-34 DESTROYED BY CONSTRUCTION.)

Established By: HUNSAKER & ASSOCIATES SAN DIEGO, INC.

Date Established: 01/16/2008

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

Latitude: 33°2'14.741297"N

Longitude: 117°16'22.469862"W

Ellipsoid Height: 176.388

Northing: 1958782.825

Easting: 6248186.179

NGVD29 Elevation: 289.958

NAVD88 Elevation: 292.088

Combined Scale Factor: 0.99995901

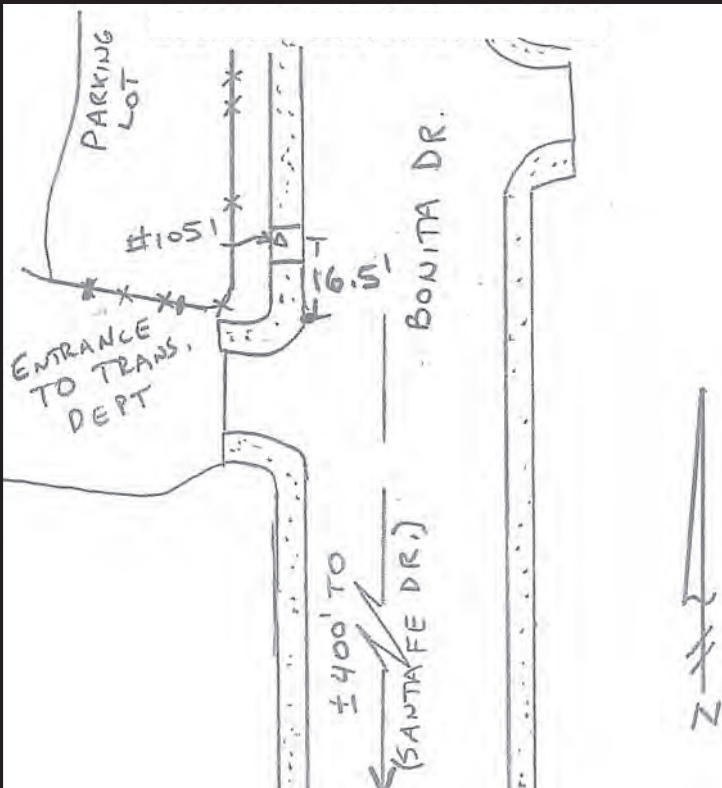
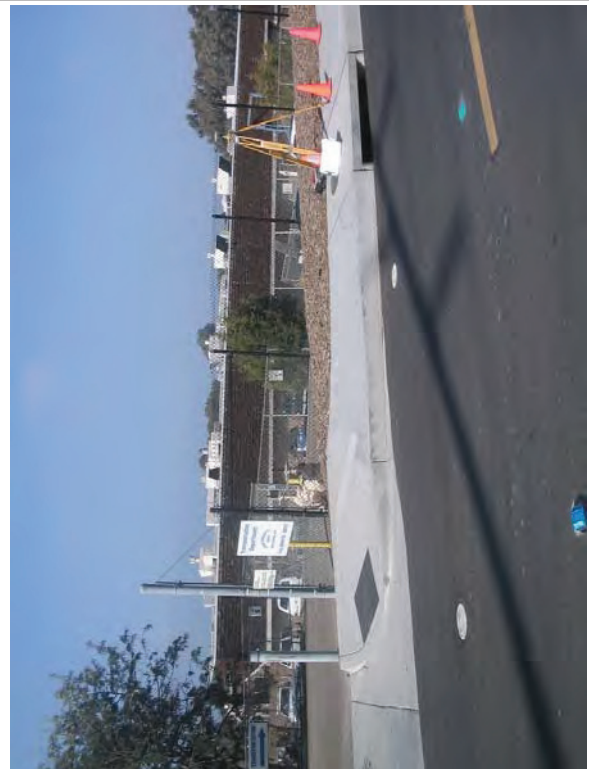
Convergence: -0°33'43.582"

Horizontal Order: FIRST

Monument "To Reach" Description:

THE MONUMENT IS LOCATED NEAR THE NORTHWESTERLY CORNER OF A CATCH BASIN ON THE WEST SIDE OF BONITA DRIVE, 4.5 FEET WESTERLY OF THE CURB FACE, 16.5 FEET NORTHERLY OF THE NORTHERLY BCR OF THE DRIVEWAY ENTRANCE OF THE SAN DIEGUITO UNION HIGH SCHOOL DISTRICT TRANSPORTATION DEPARTMENT. 400 FEET NORTHERLY OF SANTA FE DRIVE.

Monument
Sketch:



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Phone (760) 633-2770
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Point Number: 1052 **Station Name:** ENC-52
Monument Description:
SET 2.5" BRASS DISK IN EAST END OF CENTERLINE ISLAND
TOP OF CURB ON WEST SIDE OF PEDESTRIAN CROSSING

Established By: HUNSAKER & ASSOCIATES SAN
Date Established: 8/28/2020

Monument "To Reach" Description:

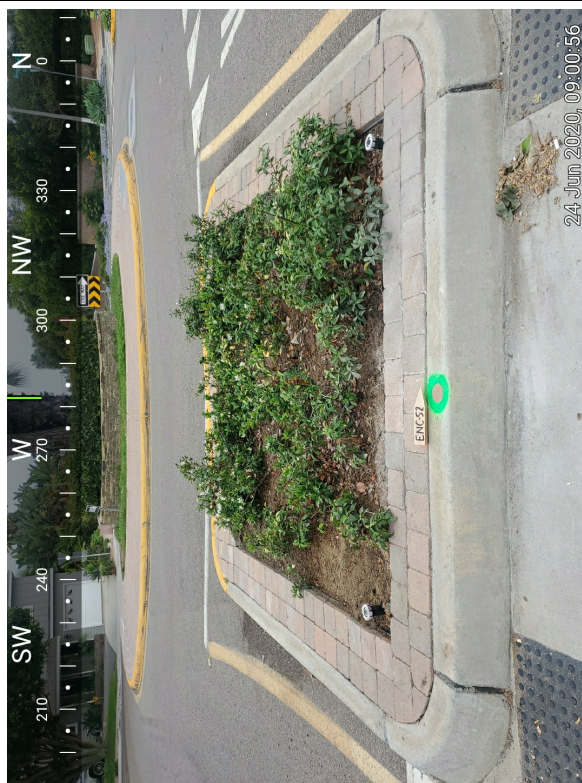
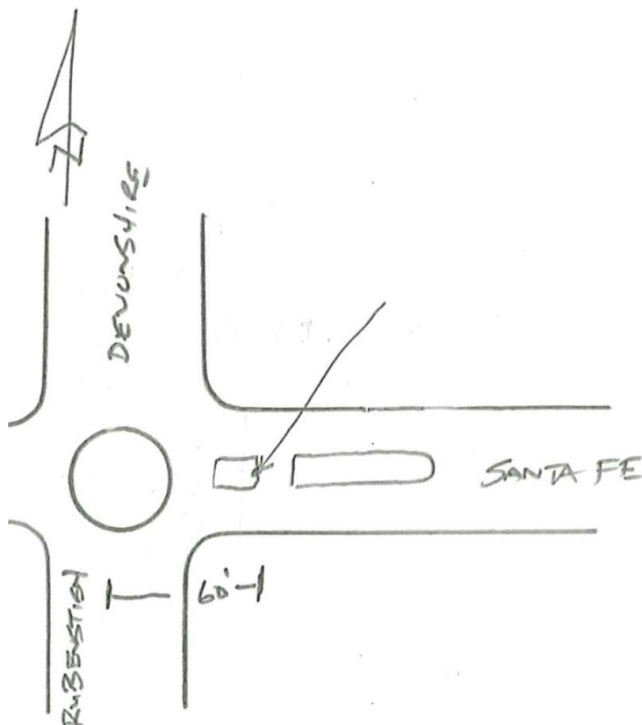
MONUMENT IS IN THE EASTERLY SIDE OF THE
ROUNDBOUT AT THE INTERSECTION OF SANTE FE DRIVE
AND DEVONSHIRE DRIVE/RUBENSTEIN AVENUE ON THE
CENTER OF THE TOP OF CURB AT PEDESTRIAL CROSS
WALK OF SANTE FE DRIVE 60' EASTERLY OF THE
INTERSECTION.

Datum: CCS 83, 1991.35 Epoch, U.S. Survey Feet
Latitude: 33°02'10.36016"N
Longitude: 117°17'08.43016"W
Ellipsoid Height: 61.976
Northing: 1958378.672
Easting: 6244269.411
NGVD29 Elevation: 174.016'
NAVD88 Elevation: 176.164'
Combined Scale Factor 0.999964596
Convergence: - 0 34 09
Horizontal Order: FIRST

Monument Sketch:



LOCATION SKETCH & FIELD TIES



**HUNSAKER & ASSOCIATES
SAN DIEGO, INC.**

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