

RECORD OF SURVEY MAP No. 16810

SHEET 1 OF 5 SHEETS

FIRST ORDER HORIZONTAL CONTROL NETWORK DIAGRAM

SURVEYED DECEMBER 3RD, 1999 WITH GPS STATIC SURVEY METHODS

RECORD OF SURVEY





OF

A GEODETIC NETWORK IN SAN DIEGO COUNTY, STATE OF CALIFORNIA.

BASIS OF COORDINATES

THE BASIS OF COORDINATES FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, 1983 DATUM, AS DEFINED BY SECTIONS 8801 TO 8819 OF THE CALIFORNIA PUBLIC RESOURCES CODE. THE REFERENCE FRAME USED FOR THIS SURVEY WAS THE NATIONAL SPATIAL REFERENCE SYSTEM (NSRS) PROVIDED BY THE NATIONAL GEODETIC SURVEY.

LEGEND

-  = CONTINUOUSLY OPERATING REFERENCE STATION (CORS) IN SAN DIEGO COUNTY INCLUDED IN DATA PROCESSING. OTHER CORS FROM THE SOUTHERN CALIFORNIA INTEGRATED GPS NETWORK OUTSIDE OF SAN DIEGO COUNTY AND INCLUDED IN THE DATA PROCESSING NOT SHOWN HEREON IN ORDER TO KEEP MAP SCALE REASONABLE.
-  = FOUND B ORDER NAD83 (1991.35) HORIZONTAL CONTROL POINT OF THE SAN DIEGO COUNTY HIGH PRECISION GEODETIC CONTROL NETWORK (SD-HPGN) AND ROS 14310. ESTABLISHED GROUP C, 1ST ORDER NAD83 (1999.92) CALIFORNIA COORDINATE SYSTEM POSITION HEREON.
-  = FOUND POINT AS NOTED. ESTABLISHED GROUP C, 1ST ORDER NAD83 (1999.92) CALIFORNIA COORDINATE SYSTEM POSITION HEREON.
-  = SET POINT AS NOTED. ESTABLISHED GROUP C, 1ST ORDER NAD83 (1999.92) CALIFORNIA COORDINATE SYSTEM POSITION HEREON.

CFB = SAN DIEGO COUNTY SURVEYOR FIELDBOOK.

SURVEYOR'S STATEMENT

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE LAND SURVEYOR'S ACT AT THE REQUEST OF THE COUNTY SURVEYOR, COUNTY OF SAN DIEGO IN DECEMBER 1999.

St. J. Martin
 STEVEN J. MARTIN, L.S. 7264
 LAND SURVEYOR
 DEPARTMENT OF PUBLIC WORKS
 COUNTY OF SAN DIEGO



COUNTY SURVEYOR'S STATEMENT

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE LAND SURVEYOR'S ACT THIS 30th DAY OF NOVEMBER, 2000.

Philip J. Giurbino
 PHILIP J. GIURBINO L.S. 4424
 COUNTY SURVEYOR
 COUNTY OF SAN DIEGO

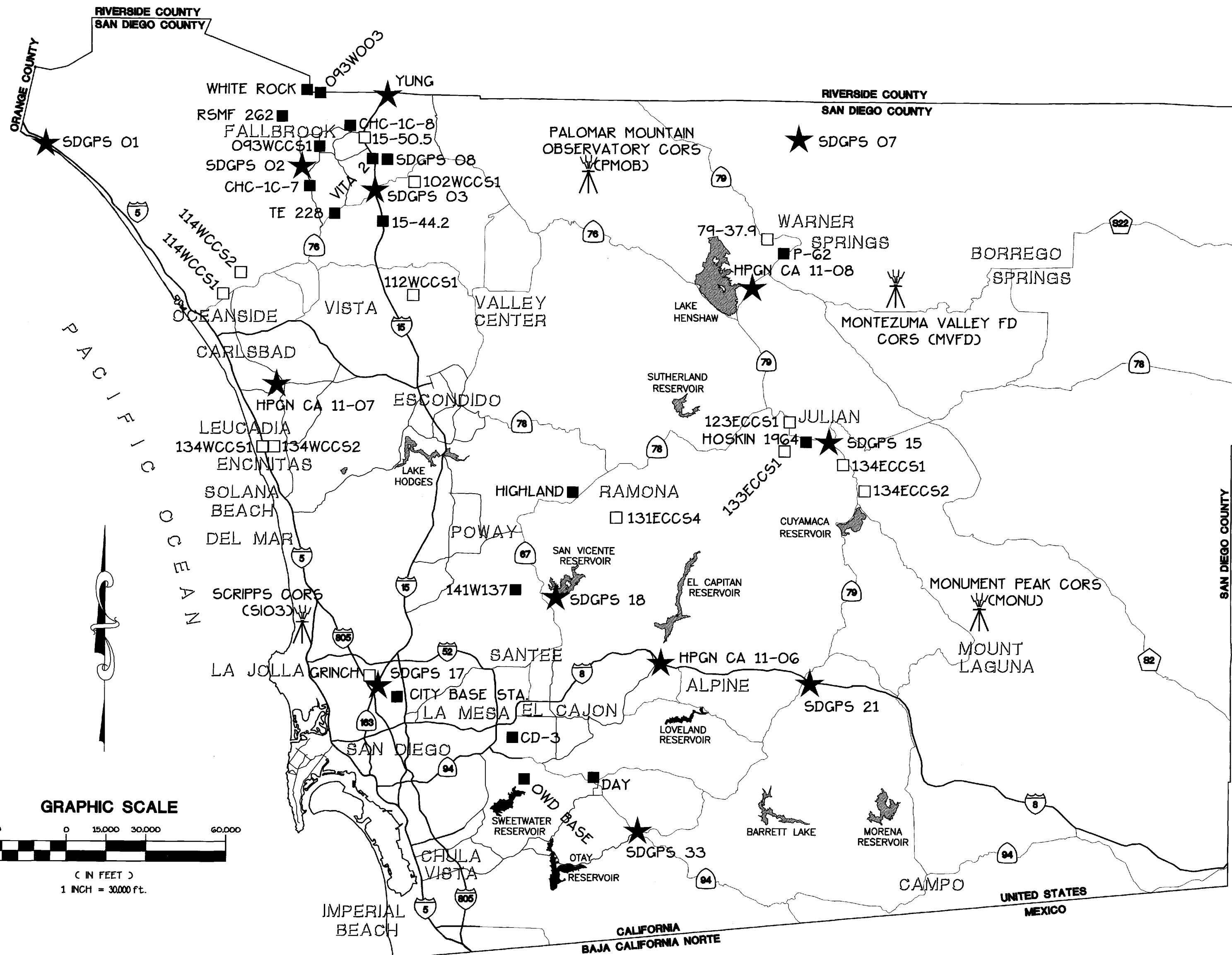


RECORDER'S STATEMENT

FILE NUMBER 2000-0655507
 FILED THIS 1st DAY OF DECEMBER, 2000, AT 4:59 O'CLOCK P.M.
 IN BOOK OF RECORD OF SURVEY MAPS AT PAGE 16810 AT THE REQUEST
 OF THE SAN DIEGO COUNTY SURVEYOR.

FEE: \$0.00
 NO FEE REQUIRED PER
 GOVERNMENT CODE SECTION 6103.

GREGORY J. SMITH
 COUNTY RECORDER/ CLERK
 COUNTY OF SAN DIEGO
 BY: *Angeline J. DeRamo*
 DEPUTY COUNTY RECORDER



GRAPHIC SCALE



(IN FEET)
 1 INCH = 30,000 ft.

MAP SHEET INDEX

- SHEET 1 - NETWORK DIAGRAM, SURVEYOR'S STATEMENT, COUNTY SURVEYOR'S STATEMENT, AND RECORDER'S STATEMENT.
- SHEET 2 - PROCEDURE OF SURVEY.
- SHEET 3 - RESULTANT ITRF (EPOCH 1999.92) GEODETIC POSITIONS, NAD83 (1999.92) GEODETIC POSITIONS + CALIFORNIA COORDINATE SYSTEM (CCS83) COORDINATES. ALSO TRANSFORMED NAD83 (1991.35) GEODETIC POSITIONS AND CCS83 COORDINATES.
- SHEETS 4+5 - MONUMENT DESCRIPTIONS AND APPROXIMATE LOCATIONS.

NOTE #1: HORIZONTAL CONTROL MONUMENT DATA SHEETS WITH LOCATION SKETCHES HAVE BEEN FILED IN THE OFFICE OF THE COUNTY SURVEYOR AS PRIVATE SURVEY #1926.

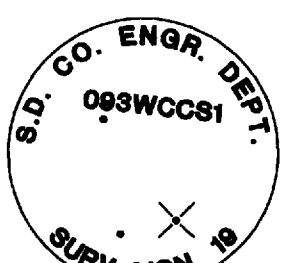
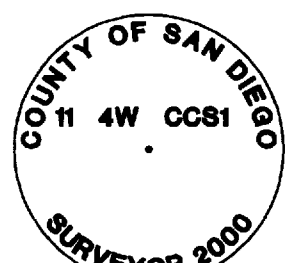


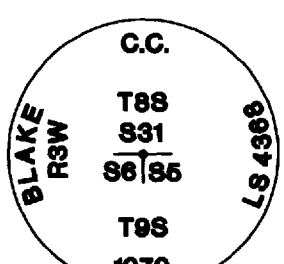
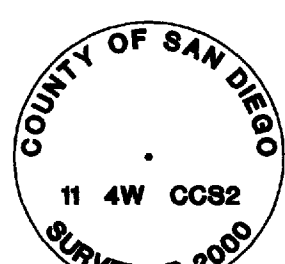
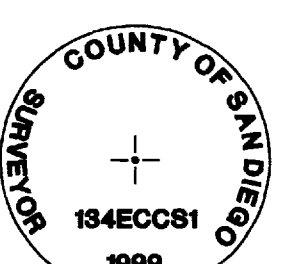
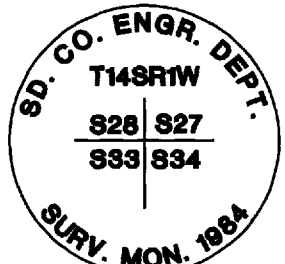

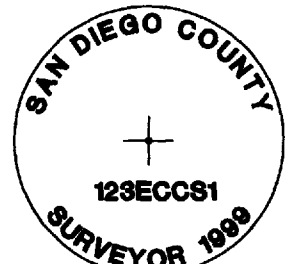
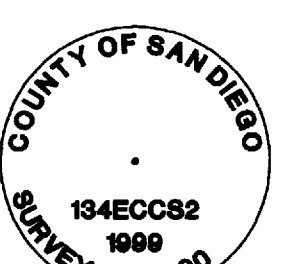
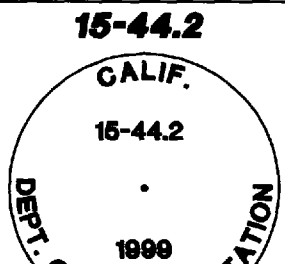

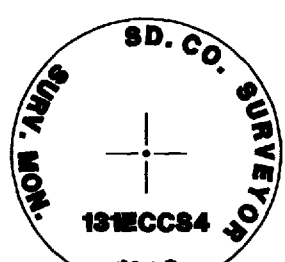
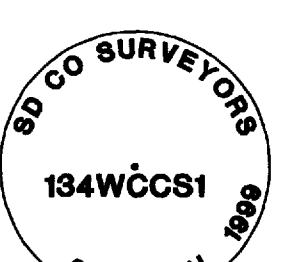
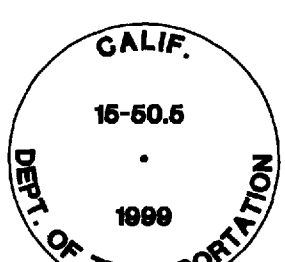
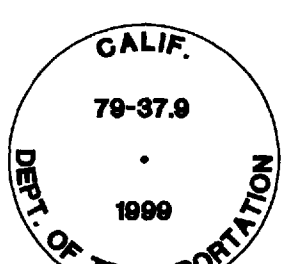
NOTE #2: NARRATIVE 'TO REACH' DESCRIPTIONS FOR STATIONS SHOWN ON ROS 14310 (B ORDER NAD83(1991.35)) CAN BE FOUND ON THE NATIONAL GEODETIC SURVEY'S DATA SHEETS WHICH ARE AVAILABLE THRU THEIR OFFICE, OR THE OFFICE OF THE SAN DIEGO COUNTY SURVEYOR.

RECORD OF SURVEY MAP No.

16810

MONUMENT LOCATIONS & DESCRIPTIONS

SHEET 5 OF 5 SHEETS

<p>093WCCS1</p>  <p>LOCATION: IN FALLBROOK, CA., AT THE INTERSECTION OF FALLBROOK STREET AND STAGE COACH LANE. MONUMENT IS LOCATED 4.5' S'LY OF CENTER OF SEWER MANHOLE WHICH IS AT APPARENT INTERSECTION. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: FOUND STANDARD CENTERLINE MONUMENT PER RS 1652-2. STAMPED "093WCCS1" ON DISK.</p>	<p>114WCCS1</p>  <p>LOCATION: IN OCEANSIDE, CA., FROM THE INTERSECTION OF MISSION AVENUE AND FOUSSAT ROAD. GO NW'LY + N'LY ALONG FOUSSAT ROAD TO THE BRIDGE OVER THE SAN LUIS REY RIVER. THE MONUMENT IS LOCATED AT THE SE'LY CORNER OF THE BRIDGE ABUTMENT IN THE TOP OF CURB. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET SAN DIEGO COUNTY SURVEYOR BRASS DISK IN DRILLHOLE WITH EPOXY IN TOP OF CURB.</p>	<p>133ECCS1</p>  <p>LOCATION: IN THE JULIAN/SANTA YSABEL AREA, FROM THE INTERSECTION OF STATE HIGHWAY 78/79 AND HOSKINGS RANCH ROAD. GO 0.7 MILES W'LY ALONG HOSKINGS RANCH ROAD TO DALEY FLAT ROAD ON THE LEFT, PROCEED S'LY ALONG DALEY FLAT ROAD APPROXIMATELY 1.0 MILE (PAST ORINOCO DRIVE) TO A BARBED WIRE GATE ON THE LEFT. FROM GATE MONUMENT IS 750' +/- S'LY. PROCEED ALONG SIDE HILL (4WD) CLIMBING 100' +/- TO TOP OF KNOLL NEAR PEAK. OUTCROP IS FLAT, ABOUT 10' IN DIAMETER. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET 2" DIAMETER SAN DIEGO COUNTY SURVEYOR BRASS DISK IN SILTSTONE BOULDER OUTCROP.</p>	<p>134WCCS2</p>  <p>LOCATION: IN ENCINITAS, CA., FROM THE INTERSECTION OF LEUCADIA BOULEVARD AND QUAIL GARDENS DRIVE. GO W'LY ALONG LEUCADIA BLVD. 185' +/- TO MONUMENT IN CONCRETE ISLAND. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET 2" DIAMETER SAN DIEGO COUNTY SURVEYOR BRASS DISK IN DRILLHOLE WITH EPOXY IN CONCRETE STAMPED ISLAND.</p>
<p>093W003</p>  <p>LOCATION: NORTH OF FALLBROOK, CA., FROM THE INTERSECTION OF ROCK MOUNTAIN DRIVE AND GAVILAN MOUNTAIN ROAD. GO NE'LY ALONG GAVILAN MOUNTAIN ROAD TO SAN DIEGO COUNTY/RIVERSIDE COUNTY LINE AND AC DRIVEWAY ON THE LEFT. FOLLOW DRIVEWAY NW'LY TO CONCRETE RESERVOIR (S'LY OF DRIVEWAY). TAKE ACCESS ROAD S'LY PAST PUMP ON THE LEFT TO UTILITY POLE# 1553764E. MONUMENT IS 70' +/- E'LY OF POLE + 40' +/- S'LY OF RESERVOIR. FOUND FENCE POST WITNESS 0.5' N'LY. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: FOUND 2" PIPE WITH 2" DIAMETER STAMPED DISK PER ROS 8832 + PM 10025.</p>	<p>114WCCS2</p>  <p>LOCATION: IN OCEANSIDE, CA., NEAR THE INTERSECTION OF NORTH RIVER ROAD AND DOUGLAS DRIVE. THE MONUMENT IS LOCATED IN THE E'LY END OF THE CATCH BASIN AT THE SW'LY RETURN OF THE INTERSECTION. MONUMENT IS FLUSH WITH TOP OF CURB. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET SAN DIEGO COUNTY SURVEYOR BRASS DISK IN DRILLHOLE ON TOP OF CATCH BASIN.</p>	<p>134ECCS1</p>  <p>LOCATION: E'LY OF JULIAN, CA., FROM THE INTERSECTION OF BANNER ROAD (HWY 78) AND STATE HIGHWAY 79 (GUYAMACA HWY). GO SE'LY ALONG HIGHWAY 79 APPROXIMATELY 2.4 MILES TO ASPHALT ROAD ON THE RIGHT. FOLLOW ASPHALT ROAD SW'LY THROUGH CHAIN GATE. CONTINUE 0.65 MILES TO STEEL GATE. PROCEED THROUGH STEEL GATE ALONG D.G. + GRAVEL ROAD 220'. MONUMENT IS 36' E'LY OF C/L ROAD ON S'LY FACE OF E-W RIDGE LINE. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET 2" IRON PIPE WITH 2" DIAMETER SAN DIEGO COUNTY SURVEYOR BRASS DISK.</p>	<p>141W137</p>  <p>LOCATION: SE'LY OF POWAY, CA., FROM THE INTERSECTION OF SYCAMORE CANYON ROAD AND GARDEN ROAD. GO S'LY ALONG SYCAMORE CANYON ROAD 1.9 MILE TO GATE AND "GOODMAN RANCH" SIGN ON THE RIGHT. PROCEED THROUGH GATE AND FOLLOW DIRT ROAD THROUGH SECOND GATE. CONTINUE ALONG DIRT ROAD TO DIRT ROAD TO THE LEFT (E'LY). FOLLOW ROAD E'LY 0.2 MILES TO DIRT ROAD TO THE LEFT (NORTH). FOLLOW ROAD N'LY AND E'LY 0.9 MILES TO DIRT ROAD TO THE SOUTH. FOLLOW ROAD S'LY 0.1 MILE TO GATE WITH PARKING LOT ON THE LEFT (EAST). CONTINUE THROUGH GATE 1.1 MILES TO MARINE CORPS BENCHMARK. CONTINUE ALONG DIRT ROAD 0.3 MILE AND WALK 200' +/- E'LY TO MONUMENT (SEE COR. SEC. 28). (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: FOUND 2" PIPE WITH 2" DIAMETER SAN DIEGO COUNTY ENGINEER DEPARTMENT BRASS DISK STAMPED AS SHOWN PER ROS 9942.</p>
<p>102WCCS1</p>  <p>LOCATION: SW'LY OF PALA. FROM THE INTERSECTION OF PALA ROAD (HWY 76) AND WILD RIVER ROAD. GO S'LY ALONG WILD RIVER ROAD ACROSS RIVER BOTTOM AND FOLLOW S'LY VALLEY WALL E'LY TO AQUADUCT ROAD (COUSER WAY). THEN S'LY UP SWITCHBACKS TO POINT. IF RIVER IS IMPASSABLE POINT CAN BE ACCESSED FROM THE SOUTH VIA COUSER WAY. MONUMENT IS ON N'LY SIDE OF COUSER WAY AT NW'LY CORNER OF AQUADUCT STRUCTURE. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET SAN DIEGO COUNTY SURVEYOR BRASS DISK IN TOP OF COUNTY WATER AUTHORITY STRUCTURE (6.5' X 7.5') MARKED 47+30.</p>	<p>123ECCS1</p>  <p>LOCATION: IN WYNOLA, FROM THE INTERSECTION OF STATE HIGHWAY 78/79 AND WYNOLA ROAD. GO N'LY ALONG HIGHWAY 78/79 TO CHAINLINK FENCE AT NORTH END OF "WYNOLA CENTER" (WEST OF HIGHWAY). MONUMENT IS LOCATED 84' +/- N'LY OF CHAINLINK FENCE AND 19.5' W'LY FROM EDGE OF PAVEMENT AT HIGHWAY. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET 2" IRON PIPE WITH SAN DIEGO COUNTY SURVEYOR BRASS DISK IN FOUR STONE CEMENT.</p>	<p>134ECCS2</p>  <p>LOCATION: E'LY OF HARRISON PARK, FROM THE INTERSECTION OF STATE HIGHWAY 79 (GUYAMACA HWY) AND WINN RANCH ROAD. GO ALONG WINN RANCH ROAD THROUGH GATE (0.1 MILE) TO END OF PAVEMENT. CONTINUE ON DIRT ROAD (0.05 MILE) TO SECOND GATE. CONTINUE NE'LY 0.6 MILE TO ROCK OUTCROP (WITH MONUMENT) ON NW'LY SIDE OF ROAD ALONG RIDGE LINE. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET 2" DIAMETER SAN DIEGO COUNTY SURVEYOR BRASS DISK WITH CEMENT ON BOULDER.</p>	<p>15-44.2</p>  <p>LOCATION: S'LY OF PALA MESA VILLAGE, NEAR THE INTERSECTION OF INTERSTATE 15 AND WEST LILAC ROAD. THE MONUMENT IS LOCATED IN THE NW CORNER OF A DROP INLET WHICH IS 11.5 METERS E'LY FROM THE NE CORNER OF THE WEST LILAC ROAD BRIDGE OVER I-15. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: FOUND 2.25" DIAMETER DEPARTMENT OF TRANSPORTATION BRASS DISK.</p>
<p>112WCCS1</p>  <p>LOCATION: E'LY OF HIDDEN MEADOWS, NEAR THE INTERSECTION OF MOUNTAIN MEADOWS ROAD AND CERVAZA BAJA. THE MONUMENT IS LOCATED 7' W'LY FROM THE END OF THE S'LY CURB RETURN'S EAST END. MONUMENT IS 28' S'LY OF STREET LIGHT AT EAST END OF N'LY CURB RETURN. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET SAN DIEGO COUNTY SURVEYOR BRASS DISK IN DRILLHOLE WITH EPOXY IN CURB.</p>	<p>131ECCS4</p>  <p>LOCATION: SE'LY OF RAMONA, FROM THE INTERSECTION OF SAN VICENTE ROAD AND CHUCK WAGON ROAD. GO SOUTH ON CHUCK WAGON ROAD 0.4 MI TO END OF AC. CONTINUE 0.45 MI TO LOCKED GATE. PASS THROUGH GATE AND FOLLOW DIRT POLE ROAD TO THE RIGHT 0.2 MI TO GATE. PASS THROUGH GATE AND CONTINUE UP POLE ROAD 0.35 MI TO STEEL POWER POLE (S.P. 297). MONUMENT IS 72' W'LY OF STEEL POLE IN GRANITE OUTCROP. SET FENCE POST WITNESS IN ROCK CREVASS 2.4' NW'LY. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET 2" DIAMETER SAN DIEGO COUNTY SURVEYOR BRASS DISK IN DRILLHOLE WITH EPOXY ON GRANITE ROCK OUTCROP.</p>	<p>134WCCS1</p>  <p>LOCATION: IN ENCINITAS, CA., NEAR THE INTERSECTION OF LEUCADIA BOULEVARD AND ORPHEUS AVENUE. THE MONUMENT IS LOCATED ON THE SOUTH SIDE OF LEUCADIA BLVD. 32' +/- EAST OF THE SOUTHEAST RETURN OF ORPHEUS AVENUE. IN CONCRETE SIDEWALK. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: SET 2" DIAMETER SAN DIEGO COUNTY SURVEYOR BRASS DISK IN DRILLHOLE WITH EPOXY IN CONCRETE WALK.</p>	<p>15-50.5</p>  <p>LOCATION: EAST OF FALLBROOK, CA., NEAR THE INTERSECTION OF INTERSTATE 15 AND MISSION ROAD. FROM THE MISSION ROAD BRIDGE OVER I-15. GO EAST ON MISSION ROAD 150 METERS TO THE INTERSECTION OF STERLING VIEW DRIVE. TURN RIGHT AND GO 100 METERS SOUTH ALONG STERLING VIEW DRIVE TO A LOW HILL AND THE MONUMENT ON THE RIGHT (WEST). MONUMENT IS 25 METERS WEST OF C/L AND 5.8 METERS EAST OF FENCE. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: FOUND 2.25" DIAMETER DEPARTMENT OF TRANSPORTATION BRASS DISK WITH CONCRETE COLLAR.</p>
	<p>79-37.9</p>  <p>LOCATION: WEST OF WARNER SPRINGS, FROM THE ENTRANCE OF WARNER SPRINGS RESORT. GO NORTH THEN WEST ALONG STATE HIGHWAY 79 FOR 2.7 MILES TO A POINT OPPOSITE THE END OF THE AIRPORT RUNWAY AND THE WINDSOCK ON THE LEFT (SOUTH). THE MONUMENT IS 20.9 METERS S'LY OF THE HIGHWAY C/L AND 1.75 METERS N'LY OF THE R/W FENCE. (SEE NOTE #1, SHEET 1)</p> <p>DESCRIPTION: FOUND 2.25" DIAMETER DEPARTMENT OF TRANSPORTATION BRASS DISK.</p>		