STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1016
CLASSIFICATION: First Order

COUNTY NUMBER: 1016

LATITUDE: N 34° 36' 31.99201"
LONGITUDE: W 120° 04' 34.52641"

NORTHING (M): 624969.382
EASTING (M): 1809592.619

DATUM: NAD83 1991.35-HPGN-D
ZONE: CA 5

ELEVATION (M): 203.137
DETERMINED BY: Differential Leveling

DATUM: NAVD88

GEOID HEIGHT (M): -35.026
GEOID MODEL: GEOID90

SCALE FACTOR: 0.99992519
ELEVATION SCALE FACTOR: 0.99996812

COMBINATION FACTOR: 0.99989331
CONVERGENCE: -1° 11' 00.568972"

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

THOMAS BROS. REF. (1992 ED): 921 C-6
USGS-QUAD: Santa Ynez

DESCRIPTION: 3-1/4 inch brass cap set on a 16 foot x 3/4 inch stainless steel rod encased in a 5 inch monument well stamped "S.B. CO., "GPS CONTROL", STA 1016", "1993 PLS 6392".

TO REACH: From intersection of Highway 154 and Highway 246, west on Highway 246, 0.8 miles to road to airport.
Drive toward airport 0.6 miles. Station is on right (north) side of road, 15 feet west of end of asphalt concrete berm, 50 feet east of power pole #GT46923.
COUNTY STATION 1016

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1017
CLASSIFICATION: First Order

LATITUDE: N 34° 38' 59.78915"
LONGITUDE: W 120° 03' 49.15705"

NORTHING (M): 629498.638
EASTING (M): 1810841.693

DATUM: NAD83 1991.35-HPGN-D
ZONE: CA 5

ELEVATION (M): 248.680
DETERMINED BY: Differential Leveling

DATUM: NAVD88

GEOID HEIGHT (M): -34.888
GEOID MODEL: GEOID90

SCALE FACTOR: 0.99992368
ELEVATION SCALE FACTOR: 0.99996098

COMBINATION FACTOR: 0.99988466
CONVERGENCE: -1° 10' 34.707897"

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

THOMAS BROS. REF. (1992 ED): 901 E-7
USGS-QUAD: Los Olivos

DESCRIPTION: 3-1/4 inch brass cap set on a 16 foot x 3/4 inch stainless steel rod encased in a 5 inch monument well stamped "S.B. CO", "GPS CONTROL", STA 1017", "1993 PLS 6392".

TO REACH: From intersection of Highway 154 and Roblar Avenue, 1.8 miles east on Roblar Avenue, 200 feet west of Sunnyfield Farms driveway (4101 Roblar Avenue) on south side of road.
COUNTY STATION 1017

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1018                           COUNTY NUMBER: 1018
CLASSIFICATION: First Order

LATITUDE: N 34° 40' 11.90375"                     LONGITUDE: W 120° 06' 54.04972"
NORTHING (M): 631818.047                         EASTING (M): 1806181.465
DATUM: NAD83 1991.35-HPGN-D                     ZONE: CA 5
ELEVATION (M): 254.863                           DETERMINED BY: Differential Leveling
DATUM: NAVD88                                    GEOID MODEL: GEOID90
GEOID HEIGHT (M): -34.967                        SCALE FACTOR: 0.99992312
SCALe FACTOR: 0.99988313                         ELEVATION SCALE FACTOR: 0.99996001
COMBINATION FACTOR:                             CONVERGENCE: -1° 12' 20.098918"

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993                                        

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993                                        

DESCRIPTION: 3-1/4 inch brass cap set on a 12 foot x 3/4 inch stainless steel rod encased in a 5 inch monument well stamped “S.B. CO.”, “GPS CONTROL”, STA 1018”, “1993 PLS 6392”.

TO REACH: From intersection of Highway 154 and Figueroa Mountain Road in Los Olivos, then north on Figueroa Mountain Road 0.15 miles. Station is on west side of road approximately 135 feet north of mile marker “Fig. 0.13”.

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STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1019
CLASSIFICATION: First Order
COUNTY NUMBER: 1019

LATITUDE: N 34° 37' 13.07422"
LONGITUDE: W 120° 11' 35.35383"
NORTHING (M): 626462.596
EASTING (M): 1798901.662
DATUM: NAD83 1991.35-HPGN-D
ZONE: CA 5
ELEVATION (M): 157.660
DETERMINED BY: Differential Leveling
DATUM: NAVD88
GEOID HEIGHT (M): -35.214
GEOID MODEL: GEOID90
SCALE FACTOR: 0.99992472
ELEVATION SCALE FACTOR: 0.99997526
COMBINATION FACTOR: 0.99989998
CONVERGENCE: -1° 15' 00.445608"

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

THOMAS BROS. REF. (1992 ED): 919 H-4
USGS-QUAD: Solvang

DESCRIPTION: 3-1/4 inch brass cap set on a 16.3 foot x 3/4 inch stainless steel rod encased in a 5 inch monument well stamped “S.E. CO.”, “GPS CONTROL”, STA 1019”, “1993 PLS 6392”.

TO REACH: From intersection of Highway 246 and Avenue of the Flags in the City of Buellton, north on Avenue of the Flags 0.5 miles to Jonata Park Road. North on Jonata Park Road 0.1 miles to gate approximately 80 feet north of CalTrans yard at 721 Jonata Park Road. Go through locked gate (key at City Hall) and follow gravel road west, uphill and then south for approximately 0.5 miles to another locked gate to fence surrounding two of the City of Buellton’s reservoirs. Station is located on west side of fenced area between two reservoirs.
COUNTY STATION 1019

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1020
CLASSIFICATION: First Order

LATITUDE: N 34° 36' 29.30635"
LONGITUDE: W 120° 08' 45.11816"

NORTHING (M): 625020.717
EASTING (M): 1803208.189

DATUM: NAD83 1991.35-HPGN-D
ZONE: CA 5

ELEVATION (M): 226.923
DETERMINED BY: Differential Leveling

DATUM: NAVD88

GEOID HEIGHT (M): -35.164
GEOID MODEL: GEOID90

SCALE FACTOR: 0.99992522
ELEVATION SCALE FACTOR: 0.99996439

COMBINATION FACTOR: 0.99988961
CONVERGENCE: -1° 13' 23.409251"

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

THOMAS BROS. REF. (1992 ED): 920 D-6
USGS-QUAD: Solvang

DESCRIPTION: 3-1/4 inch brass cap set on a 16 foot x 3/4 inch stainless steel rod encased in a 5 inch monument well stamped "S.B. CO.", "GPS CONTROL", STA 1020", "1993 PLS 6392".

TO REACH: From intersection of Highway 246 and Atterdag Road in Solvang, turn north on Atterdag Road, follow for 1.5 miles (road turns into Chalk Hill Road) to Silkborg Road. Turn right (east) on Silkborg Road follow Silkborg Road for 150 feet to Ribe Road. Turn left (north) on Ribe Road (paved) and follow Ribe Road 0.2 miles to cul-de-sac. At cul-de-sac, go through locked gate (key at City of Solvang, Public Works) to the north. Follow dirt road approximately 600 feet to water tank at top of hill, continue on dirt road around to south of water tank. Station is located approximately 20 feet south of dirt road (about 60 feet south of water tank) in open field.
COUNTY STATION 1020

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: HPGN D CA 05 DQ
CLASSIFICATION: Second Order
COUNTY NUMBER: 1021

LATITUDE: N 34° 40’ 50.60252”
LONGITUDE: W 120° 09’ 24.57631”

NORTHING (M): 633091.612
EASTING (M): 1802375.920

DATUM: NAD83 1991.35-HPGN-D
ZONE: CA 5

ELEVATION (M): 225.455
DETERMINED BY: Differential Leveling

DATUM: NAVD88

GEOID HEIGHT (M): -35.064
GEOID MODEL: GEOID90

SCALE FACTOR: 0.99992288
ELEVATION SCALE FACTOR: 0.99996462

COMBINATION FACTOR: 0.99988750
CONVERGENCE: -1° 13’ 45.900865”

MONUMENT ESTABLISHED BY: California Department Of Transportation
DATE: 1993

POSITION ESTABLISHED BY: California Department Of Transportation
DATE: 1993

THOMAS BROS. REF. (1992 ED): 900 C-3
USGS-QUAD: Zaca Creek

DESCRIPTION: California Department of Transportation 2-1/2 inch aluminum cap on steel rod stamped “CA, HPGN DENSIFICATION”, “SB 101”, “PM 62.63”, “STA 05-DQ”, “1993”.

REACH: Drive west to the west end of Highway 154, approximately 50 feet before approaching Highway 101 turn left and go 200 feet where the monument will be on your right hand side at the highway right-of-way.
COUNTY STATION 1021

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: Flags
CLASSIFICATION: Second Order

LATITUDE: N 34° 36' 15.09572"
NORTHING (M): 624676.771
DATUM: NAD83 1991.35-HPGN-D
ELEVATION (M): 105.606
DATUM: NAVD88
GEOID HEIGHT (M): -35.231

COUNTY NUMBER: 1022
LONGITUDE: W 120° 11' 35.74155"
EASTING (M): 1798852.811
ZONE: CA 5
Determined by: Differential Leveling

SCALE FACTOR: 0.99992540
GEOD MODEL: GEOD90
ELEVATION SCALE FACTOR: 0.99998343
CONVERGENCE: -1° 15' 00.666613"

MONUMENT ESTABLISHED BY: California Division of Highways
DATE: 1976

POSITION ESTABLISHED BY: California Division of Highways
DATE: 1976

THOMAS BROS. REF. (1992 ED): 919 H-6
USGS-QUAD: Solvang

DESCRIPTION: 3-5/8 inch brass disc in concrete stamped “CALIFORNIA DIVISION OF HIGHWAYS”, "FLAGS", "1976".

TO REACH: Turn south from Highway 246 onto Avenue of the Flags in Buellton and go 0.50 miles. Monument is on the right hand side of the road.
COUNTY STATION 1022

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: Jackie
CLASSIFICATION: Second Order
COUNTY NUMBER: 1023

LATITUDE: N 34° 36’ 42.09292”
LONGITUDE: W 120° 03’ 24.51685”
NORTHING (M): 625243.885
EASTING (M): 1811382.173
DATUM: NAD83 1991.35-HPGN-D
ZONE: CA 5
ELEVATION (M): 215.121
DETERMINED BY: Differential Leveling
DATUM: NAVD88
GEOID HEIGHT (M): -34.95
GEOID MODEL: GEOD90

SCALE FACTOR: 0.99992507
ELEVATION SCALE FACTOR: 0.99996624
COMBINATION FACTOR: 0.99989131
CONVERGENCE: -1° 10’ 20.662690”

MONUMENT ESTABLISHED BY: California Division of Highways
DATE: 1976
POSITION ESTABLISHED BY: California Division of Highways
DATE: 1976

THOMAS BROS. REF. (1992 ED): 921 F-6
USGS-QUAD: Santa Ynez

TO REACH: Intersection of Highway 154 and Highway 246 approximately 500 feet northwest of intersection, along Highway 154 approximately 40 feet southwest of centerline of Highway 154.
COUNTY STATION 1023

Looking at Monument

Looking North
## STATION RECOVERY SHEET

**COUNTY OF SANTA BARBARA**  
**PUBLIC WORKS DEPARTMENT**  
**OFFICE OF THE COUNTY SURVEYOR**

<table>
<thead>
<tr>
<th><strong>STATION NAME:</strong> 1141</th>
<th><strong>COUNTY NUMBER:</strong> 1141</th>
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<tbody>
<tr>
<td><strong>CLASSIFICATION:</strong> Second Order</td>
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<tr>
<td><strong>LATITUDE:</strong> N 34° 35' 03.19891&quot;</td>
<td><strong>LONGITUDE:</strong> W 120° 08' 43.13579&quot;</td>
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<td><strong>NORTHING (M):</strong> 622367.059</td>
<td><strong>EASTING (M):</strong> 1803202.059</td>
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<td><strong>DATUM:</strong> NAD83 1991.35-HPGN-D</td>
<td><strong>ZONE:</strong> CA 5</td>
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<td><strong>ELEVATION (M):</strong> 122.449</td>
<td><strong>DETERMINED BY:</strong> Differential Leveling</td>
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<td><strong>DATUM:</strong> NAVD88</td>
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<td><strong>GEOID HEIGHT (M):</strong> -35.207</td>
<td><strong>GEOID MODEL:</strong> GEOID90</td>
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<td><strong>SCALE FACTOR:</strong> 0.99992634</td>
<td><strong>ELEVATION SCALE FACTOR:</strong> 0.99998078</td>
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<td><strong>COMBINATION FACTOR:</strong> 0.99990713</td>
<td><strong>CONVERGENCE:</strong> -1° 13' 22.279277&quot;</td>
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</tbody>
</table>

**MONUMENT ESTABLISHED BY:** Martin, Northart & Spencer, Inc.  
**DATE:** 1993

**POSITION ESTABLISHED BY:** Martin, Northart & Spencer, Inc.  
**DATE:** 1993

**THOMAS BROS. REF. (1992 ED):** 921 D-2  
**USGS-QUAD:** Solvang

**DESCRIPTION:** 3-1/4 inch brass cap on 2 inch pipe in concrete monument well stamped “S.B. CO.”, “GPS CONTROL”, “STA 1141”, “1993 PLS 6392”.

**TO REACH:** From intersection of Highway 246 and Alisal Road in Solvang, south on Alisal for 0.70 miles to bridge over Santa Ynez River. At south end of bridge take immediate right turn (west). Drive 30 feet to gate, station is just before gate on riverside of gate.
Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1142  COUNTY NUMBER: 1142
CLASSIFICATION: Second Order

LATITUDE: N 34° 38' 08.65883"
NORTHING (M): 627988.392
DATUM: NAD83 1991.35-HPGN-D
ELEVATION (M): 212.281
DATUM: NAVD88
GEOID HEIGHT (M): -35.041
SCALE FACTOR: 0.99992414
COMBINATION FACTOR: 0.99989083

LONGITUDE: W 120° 05' 52.23887"
EASTING (M): 1807675.404
ZONE: CA 5
GEODETIC SCALE FACTOR: 0.999986669
CONVERGENCE: -1° 11' 44.865999"

DETERMINED BY: Differential Leveling

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993


DESCRIPTION: 3-1/4 inch brass cap on 2 inch pipe in concrete monument well stamped “S.B. CO.” “GPS CONTROL”, “STA 1142”, “1993 PLS 6392”.

TO REACH: From intersection of Highway 154 and Baseline Avenue, 0.5 miles west to intersection of Refugio Road and Baseline Avenue. Station is located at the northeast corner of intersection of Baseline Avenue and Refugio Road.
COUNTY STATION 1142

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1143  COUNTY NUMBER: 1143

CLASSIFICATION: Second Order

LATITUDE: N 34° 38' 44.96311"

NORTHING (M): 629106.916

DATUM: NAD83 1991.35-HPGN-D

ELEVATION (M): 225.754

DATUM: NAVD88

GEOID HEIGHT (M): -35.000

SCALE FACTOR: 0.99992381

COMBINATION FACTOR: 0.99988839

LONGITUDE: W 120° 05' 52.49602"

EASTING (M): 1807692.202

ZONE: CA 5

DETERMINED BY: Differential Leveling

GEOID MODEL: GEOID90

ELEVATION SCALE FACTOR: 0.99996457

CONVERGENCE: -1° 11' 45.012580"

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.

DATE: 1993

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.

DATE: 1993

THOMAS BROS. REF. (1992 ED): 921 A-1

USGS-QUAD: Los Olivos

DESCRIPTION: 3-1/4 inch brass cap on 2 inch pipe in concrete monument well stamped "S.B. CO.", "GPS CONTROL", "STA 1143", "1993 PLS 6392".

TO REACH: From intersection of Baseline Avenue and Refugio Road, north on Refugio Road 0.7 miles. Station is on west side of road, by open field approximately 40 feet north of driveway to 2131 Refugio Road.
COUNTY STATION 1143

Looking at Monument

Looking North
STATION RECOVERY SHEET
COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1144
CLASSIFICATION: Second Order

LATITUDE: N 34° 39' 27.90333"
NORTHING (M): 630462.669
DATUM: NAD83 1991.35-HPGN-D
ELEVATION (M): 236.093
DATUM: NAVD88
GEOD HEIGHT (M): -35.011
SCALE FACTOR: 0.99992345
COMBINATION FACTOR: 0.99988640

COUNTY NUMBER: 1144
LONGITUDE: W 120° 06' 54.22764"
EASTING (M): 1806148.411
ZONE: CA 5
DETERMINED BY: Differential Leveling
GEOID MODEL: GEOID90
ELEVATION SCALE FACTOR: 0.99996295
CONVERGENCE: -1° 12’ 20.200334”

MONUMENT ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

THOMAS BROS. REF. (1992 ED): 900 H-6
USGS-QUAD: Los Olivos

DESCRIPTION: 3-1/4 inch brass cap on 2 inch pipe in concrete monument well stamped “S.B. CO.”, “GPS CONTROL”, “STA 1144”, “1993 PLS 6392”.

TO REACH: From intersection of Highway 154 and Grand Avenue in Los Olivos, south on Grand Avenue 0.65 miles. Point is on east side of road 150 feet south of the intersection of Grand Avenue and Santa Ynez Street.
Looking at Monument

Looking North
STATION RECOVERY SHEET

COUNTY OF SANTA BARBARA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE COUNTY SURVEYOR

STATION NAME: 1145
CLASSIFICATION: Second Order
COUNTY NUMBER: 1145

LATITUDE: N 34° 35' 55.38465"
LONGITUDE: W 120° 09' 32.33058"

NORTHING (M): 624001.499
EASTING (M): 1801983.223

DATUM: NAD83 1991.35-HPGN-D
ZONE: CA 5

ELEVATION (M): 115.384
DETERMINED BY: Differential Leveling

DATUM: NAVD88
GEOID HEIGHT (M): -35.201
GEOID MODEL: GEOID90

SCALE FACTOR: 0.99992564
ELEVATION SCALE FACTOR: 0.99998189

COMBINATION FACTOR: 0.99990753
CONVERGENCE: -1° 13' 50.320890"

MONUMENT ESTABLISHED BY: California Division of Highways
DATE: Unknown

POSITION ESTABLISHED BY: Martin, Northart & Spencer, Inc.
DATE: 1993

THOMAS BROS. REF. (1992 ED): 920 C-7
USGS-QUAD: Solvang

DESCRIPTION: 1 inch iron pipe with yellow plastic cap with a stainless steel cap on top of the plastic cap 1 foot below grade at California Station Post Mile 28.30, Highway 246, stamped “State of California”, “Division of Highways”, “PLN 28.30”.

TO REACH: From intersection of Atterdag Road and Highway 246 in Solvang, west on Highway 246, 1.1 miles. Station is on south shoulder of Highway, 1 foot below grade.
COUNTY STATION 1145

Looking at Monument

Looking North