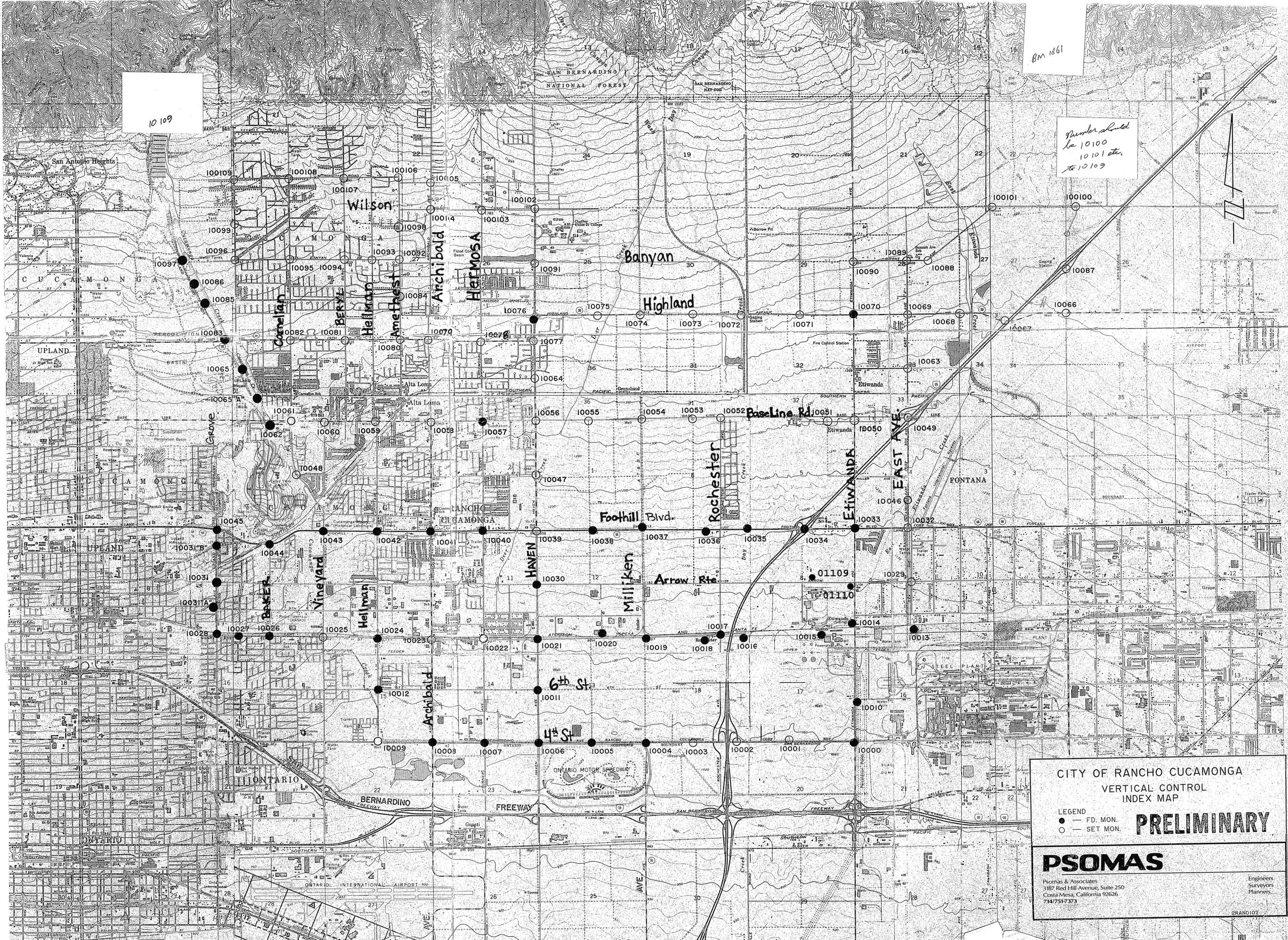


10 109

BM 1861

Number should be 10100 to 10109



CITY OF RANCHO CUCAMONGA
 VERTICAL CONTROL
 INDEX MAP

LEGEND
 ● — FD. MON.
 ○ — SET MON.

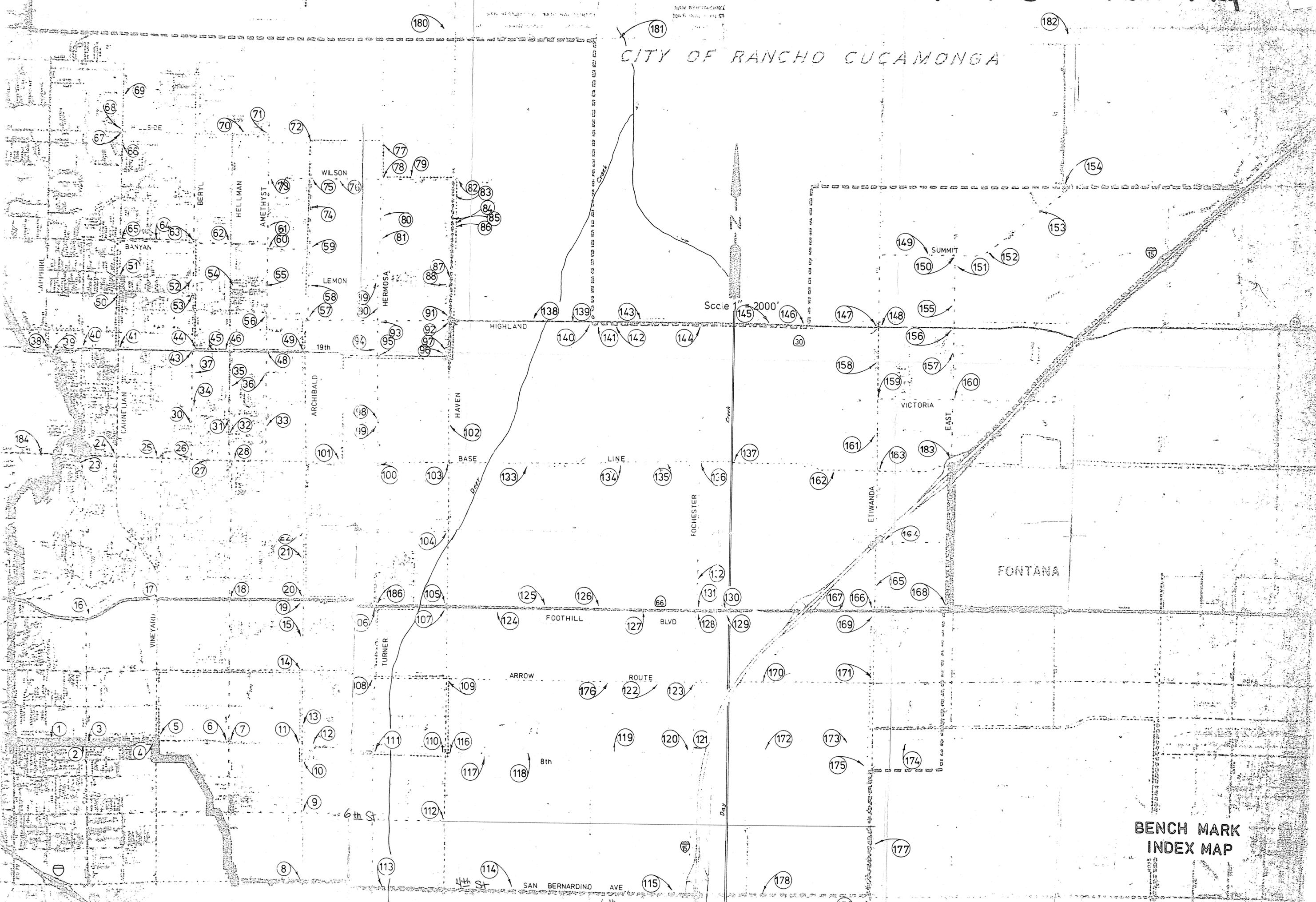
PRELIMINARY

PSOMAS

Psomas & Associates
 3167 Red Hill Avenue, Suite 250
 Costa Mesa, California 92626
 714/751-7373

Engineers
 Surveyors
 Planners

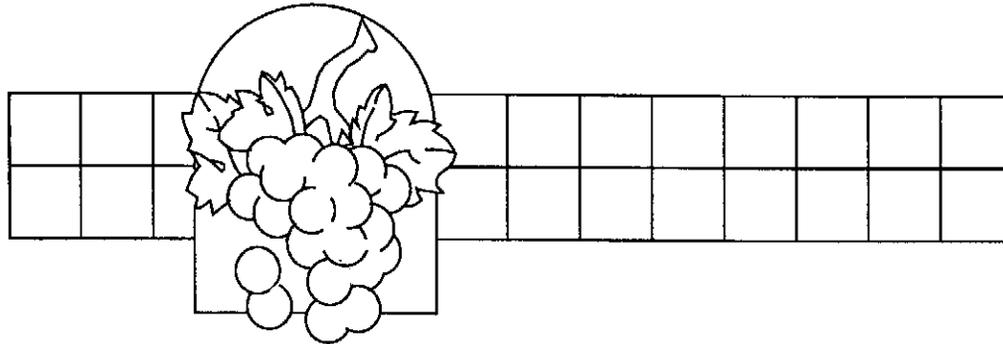
CITY OF RANCHO CUÇAMONGA



BENCH MARK INDEX MAP

City of Rancho Cucamonga

Vertical Control



Performed by Psomas and Associates

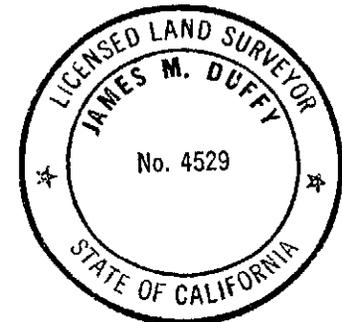
CITY OF RANCHO CUCAMONGA VERTICAL CONTROL SYSTEM

SURVEY AND ADJUSTMENT

The vertical control survey was performed by PSOMAS AND ASSOCIATES during the period of October, 1987 and November, 1987. The survey was performed using Second Order, Second Class, National Geodetic Survey Standards.

The vertical net was adjusted using National Geodetic Survey First Order Bench Marks No. 700-22 (City of Rancho Cucamonga No. 10013) and No. 700-35 (City of Rancho Cucamonga No. 10027) and County of San Bernardino Southern California 1976 constraint adjustment.

James M. Duffy L.S. #4529
My commission expires Aug. 1992



SU220

VERTICAL CONTROLS
BENCHMARK DESCRIPTION - BY SPSN

05/03/90
PAGE 1027

SPSN - 01109

QUAD- N34117322

LATITUDE- 340557 N

LONGITUDE- 1173154 W

DESIGNATION - 01109

ELEVATION

DATE

SOURCE

354.6950 M

10/26/82

SBCO SURVEYOR

MONUMENT: CODE- B TYPE- BOLT
STAMPING- SB CO BM 01109
SETTING CLASS- LIGHT STRUCTURES
SPECIFIC SETTING- 1" RND. HD. BOLT IN CONC. CURB

LOCATED 7 MI N/E FROM THE CITY OR TOWN OF ONTARIO
COUNTY- SB CO STATE- CA

** RECOVERY DESCRIPTION **

RECOVERY BY- SB COUNTY
CONDITION- GOOD

DATE- 12/12/88

CP- LGO

MONUMENT RECOVERED AS DESCRIBED.

** ORIGINAL DESCRIPTION **

MONUMENT BY- SB COUNTY

DATE- 10/26/82

CP- RHT

AT 12550 ARROW ROUTE, 1 FT. E OF CONC. CURB RETURN OF LGE. DRIVEWAY,
0.5 MI. W OF ETIWANDA AVE, ON N SIDE ST, AT "EIG THREE INDUSTRIES,
INC."

SU220

VERTICAL CONTROLS
BENCHMARK DESCRIPTION - BY SPSN

05/03/90
PAGE 1028

S P S N - 01110

QUAD- N34117322

LATITUDE- 340556 N

LONGITUDE- 1173123 W

DESIGNATION - 01110

ELEVATION

DATE

SOURCE

351.6950 M

10/26/82

SBCO SURVEYOR

MONUMENT: CODE- B TYPE- BOLT
STAMPING- SB CO BM 01110
SETTING CLASS- LIGHT STRUCTURES
SPECIFIC SETTING- 1" RND HD. BOLT IN CONC. CURB

LOCATED 8 MI N/E FROM THE CITY OR TOWN OF ONTARIO
COUNTY- SB CO STATE- CA

** RECOVERY DESCRIPTION **

RECOVERY BY- SB COUNTY
CONDITION- GOOD

DATE- 12/12/88

CP- IGO

MONUMENT RECOVERED AS DESCRIBED.

** ORIGINAL DESCRIPTION **

MONUMENT BY- SB COUNTY

DATE- 10/26/82

CP- RHT

AT S/W CORNER ETIWANDA AVE. & ARROW ROUTE, 1 FT. W OF CURB RETURN.

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
<p>10000 MISSING</p>	<p>FD. 1" round head bolt in conc. curb stamped "S.B. Co. BM 01087" at northwest corner of 4th Street and Etiwanda Avenue, 1 Ft. west of end of curb return.</p>	<p>1987</p>	<p>1976</p>	<p>1043.397</p>
<p>10001</p>	<p>Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga Bench Mark 10001 1987" north side of 4th Street 0.5 miles west of Etiwanda Avenue, easterly end of catch basin, 40 Ft. east of P.P. #1733768E.</p>	<p>1987</p>	<p>1976</p>	<p>1039.709</p>

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10002 <i>MISSING</i>	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga Bench Mark 10002 1987" northeast corner of 4th Street and Freeway #15, easterly end of catch basin 60 Ft. east of easterly edge of Freeway bridge.	1987	1976	1043.230
10003 <i>MISSING</i>	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga Bench Mark 10003 1987" northerly side of 4th Street 0.5 miles east of Milliken Avenue, easterly end of catch basin 50 Ft. west of P.P. #1758625E.	1987	1976	1034.601

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10004 <i>missing</i>	FD. 1" round head bolt in conc. curb stamped "S.B. Co. BM 01091" at northeast corner of 4th Street and Milliken Avenue, 0.5 Ft. west of drop inlet.	1987	1976	1035.917
10005 <i>missing</i>	FD. 1" round head bolt in conc. curb stamped "S.B. Co. 01092" at northwest corner of 4th Street and Cleveland Avenue, 1 Ft. west of end of curb return.	1987	1976	1028.453

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10006 <i>MISSING</i>	FD. 1" round head bolt in conc. curb stamped "S.B. Co. BM 01093" at northwest corner of 4th Street and Haven Avenue, 1.5 Ft. west of end of curb return.	1987	1976	1029.499
10007 <i>MISSING</i>	FD. 1" round head bolt in conc. curb stamped "S.B. Co. BM. 01094" at northeast corner of 4th Street and Turner Avenue, 1 Ft. east of beginning of curb return.	1987	1976	1030.277

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
<p>10008 <i>missing</i></p>	<p>FD. 1" round head bolt in conc. curb stamped "S.B. Co. BM. 01095" at northeast corner of 4th Street and Archibald, 1 Ft. east of beginning of curb return. <i>12/17 - to be removed with City sidewalk project, per Barry H.</i></p>	<p>1987</p>	<p>1976</p>	<p>1020.126</p>
<p>10009 <i>missing</i></p>	<p>Set 2" brass disk in conc. walk of a bridge stamped "City of Rancho Cucamonga BM 10009 1987" at northeast corner of 4th Street and Hellman Avenue, at northwesterly corner of 4th Street bridge over Cucamonga Creek 350 Ft. east of Hellman Avenue.</p>	<p>1987</p>	<p>1976</p>	<p>1019.686</p>

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10010	FD. 2" brass disk in southwesterly leg of Southern California Edison tower No.15 stamped "S.B. Co. Surveyor B.M. 1.22", 0.3 miles north of 4th Street, 100 Ft. east of C/L of Etiwanda Avenue.	1987	1976	1065.641
10011 <i>MISSING</i>	FD. 1" round head bolt in conc. curb stamped "S.B. Co. BM. 01098" at northeast corner of 6th Street and Haven Avenue, 1 Ft. north of end of curb return.	1987	1976	1074.178

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10012	FD. 1" round head bolt in conc. curb stamped "S.B. Co. BM 01670" at northeast corner of 6th Street and Hellman Avenue, 1 Ft. east of beginning of curb return.	1987	1976	1051.107
10013 <i>RCBM174-A</i>	FD. 2" brass disk stamped "SBCS BM No. 700-22 1968", 0.5 miles east of Etiwanda Avenue, 58.2 Ft. south of south rail of main line of Atchinson, Topeka and Sante Fe Railroad, 96 Ft. west and 10 Ft. south of siding switch at northwest corner of conc slab which supports two valves and two regulators inside a a 5' chain link fence enclosure.	1987	1976	1125.014

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10014	Fd. 2" brass disk in conc. curb stamped "S.B.C. BM No. 700-23 1968" at north east corner of Atchinson, Topeka and Santa Fe Railway and Etiwanda Avenue, 109 Ft. north of north rail of main line, 2 Ft. south of catch basin and 2 Ft. south of P.P. No. 772720E.	1987	1976	1124.991
10015	FD. 2" brass disk in 6" x 6" conc. monument stamped "SBCS BM No. 700-24 1968" on south side of Atchinson, Topeka and Santa Fe Railway 0.55 miles west of Etiwanda siding sign, 27 Ft. south of south rail of main line, 1.8 Ft. east of telephone pole and 29 Ft. north and 21 west of 8 Ft. high chain link fence corner.	1987	1976	1129.614

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10016	FD. 2" brass disk stamped "SBCS BM No. 700-25 1968" in south end of the west concrete bridge abutment of a steel girder bridge across the Etiwanda Flood Control Channel 0.2 miles east of freeway No. 15, 8 Ft. south of south rail.	1987	1976	1128.056
10017	FD. R.R. spike in center of piling of west wing wall at northeast corner of Atchinson, Topeka and Santa Fe Railway and Rochester Avenue.	1987	1976	1121.284

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10018	FD. 2" brass disk in top of east end of south concrete end wall of twin 2 Ft. arch culvert stamped "SBCS BM No. 700-26 1968" south of Atchinson, Topeka and Santa Fe Railway 0.12 miles west of Rochester Avenue, 8.5 Ft. south of south rail.	1987	1976	1119.706
10019	FD. 1" round head bolt in conc. drain stamped "SB CO BM 01099" at southeast corner of 8th Street (not open) and Milliken Avenue, northwest corner of industrial building.	1987	1976	111 ² 9 .760

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10020	FD. 1" round head bolt in curb stamped "SB CO BM 01100" at southerly end of Vincent Avenue south of Jersey Boulevard, 1 Ft. west of telephone pole #GT89848.	1987	1976	1112. ⁸ 679
10021	FD. 1" round head bolt stamped "SB CO BM 01101" in conc. curb at southeast corner of 8th Street and Haven Avenue, 1 Ft. south of north end of curb.	1987	1976	1114.722

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Levelled	Adjustment Year Elevation	
10022	Set 2" brass disk in conc. headwall stamped "City of Rancho Cucamonga BM 10022 1987" at northeast corner of 8th Street and Turner Avenue at westerly end of southerly headwall of Atchinson, Topeka and Santa Fe Railroad bridge over a drainage channel 25 Ft. south of main line and 12 Ft. east of centerline of Turner Avenue.	1987	1976	1112.363
10023	Set 2" brass disk in conc. drain outlet Stamped "City of Rancho Cucamonga Bench Mark 10023 1987" at northwest corner of 8th Street and Archibald Avenue, southerly wing wall of structure.	1987	1976	1104.771

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10024	FD. 2" brass disk in top of west side of conc. flood control ditch stamped "SBCO BM 700-32" at northwest corner of 8th Street and Hellman Ave., 18 Ft. west of centerline of Hellman Avenue and 26 Ft. north of center line of 8th Street.	1987	1976	1096.248
10025	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga Bench Mark 10025 1987" at the northwesterly corner of 8th Street and Vineyard Avenue, westerly end of curb box at the end of curb return.	1987	1976	1112.563

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Levelled	Adjustment Year Elevation	
10026	FD. brass disk in conc. curb stamped "SBCO SURV BM 700-34" at the southeast corner of 8th Street and Baker Avenue, 1 Ft. south of beginning of curb return.	1987	1976	1137.855
10027 <i>RCBM-1-A</i>	FD. 2" brass disk in south end of east bridge abutment stamped " San Bernardino County Surveyor Bench Mark No. 700-35 1968" north of 8th Street, 0.2 miles east of Grove Avenue, 8.1 Ft. south of south rail of Atchkinson, Topeka and Santa Fe Railroad.	1987	1976	1157.816

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10028	FD. 1" round head bolt in conc. curb stamped " SBCO 01680" at the southeast corner of 8th street and Grove Avenue, 1 Ft. east of end of curb return.	1987	1976	1166.579
10029	Set 2" brass disk in conc. head wall stamped " City of Rancho Cucamonga Bench Mark 10029 1987" at southeast corner of Arrow Route and East Avenue, 49 Ft. south of centerline of Arrow Route and 140 Ft. east of East Avenue, at the easterly end of conc. head wall across Etiwanda Creek.	1987	1976	1156.195

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10030	FD. 1" round head bolt in conc. curb stamped " SBCO BM 01104" at northeast corner of Arrow Route and Haven Avenue, 1 Ft. east of beginning of curb return.	1987	1976	1160.201
10031	FD. 2" brass disk in conc. traffic signal base stamped "City of Upland B.M. 5B-86 1987" at northeast corner of Arrow Route and Grove Avenue, 31 Ft. east of centerline of Grove Avenue and 38 Ft. north of centerline of Arrow Route.	1987	1976	1221.284

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10031 "A "	FD. 2" brass disk in conc. traffic signal base stamped "City of Upland BM 4B-86 1987" at the northeast corner of 9th Street and Grove Avenue, 39 Ft. south of centerline of 9th Street and 34 Ft. east of centerline of Grove Avenue.	1987	1976	1194.912
10031 "B"	FD. 2" brass disk in conc. curb stamped "City of Upland BM 6B-86 1987" at the northwest corner of San Bernardino Road and Grove Avenue, southerly corner of catch basin 48 Ft. north of centerline of San Bernardino Road and 36 Ft. west of centerline of Grove Avenue.	1987	1976	1272.852

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10032	Set 2" brass disk in conc. wing wall stamped "City of Rancho Cucamonga BM 10032 1987" at the northeast corner of Foothill Boulevard and East Avenue, 5 Ft. south of northerly end of wing wall of bridge accross Etiwanda Creek.	1987	1976	1195.431
10033	FD. 1" round head bolt in conc. base for traffic signal stamped " SBCO BM 01111" at southwest corner of Foothill Boulevard and Etiwanda Avenue, northeast corner of conc. base.	1987	1976	1197.964

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10034	FD. 1" round head bolt in conc. curb stamped "SBCO 01112" at the intersection of Foothill Boulevard and Freeway No. 15 Overpass on north conc. curb of center divider, north of most westerly conc. bridge support.	1987	1976	1203.774
10035	FD. 1" round head bolt in north conc. walk of bridge stamped "SB CO BM 01113" at bridge on Foothill Boulevard crossing Day Creek, 1 Ft. east of westerly end of northerly walk of bridge.	1987	1976	1207.481

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10036 <i>MISSING</i>	FD. 1" round head bolt in conc. curb stamped " SB CO BM 0114" on southerly side of Foothill Boulevard 400 Ft. west of Rochester Avenue, 1 Ft. west of driveway.	1987	1976	1206.635
10037 <i>MISSING</i>	FD. U S C & G S brass cap in conc. monument stamped "DARE 1963", 90 Ft. north of centerline Foothill Boulevard 1 mile east Haven Avenue, 118 Ft. north and 23.6 Ft. west of southwest corner of section 6, T.I.S., R.6W.	1987	1976	1212.463

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10038	FD. 1" round head bolt in conc. curb stamped "SB CO BM 01115" at southwest corner of Foothill Boulevard and Spruce Avenue, 1 Ft. west of beginning of curb return.	1987	1976	1211.622
10039	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10039 1987" at northwest corner of Foothill Boulevard and Haven Avenue, 1 Ft. north of beginning of curb return at southerly end of catch basin.	1987	1976	1208.173

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10040	FD 1" round head bolt in conc. curb stamped "SB CO BM 01117" at southwest corner of Foothill Boulevard and Turner Avenue, 1 Ft. west of beginning of curb return.	1987	1976	1207.097
10041  RESET SEE NEXT PAGE	FD. 2" brass disk in conc. curb stamped "SB CO BM 00823" at north-west corner of Foothill Boulevard and Archibald Avenue at west end of curb return.	1987	1976	1207.747

February 8, 2010

City of Rancho Cucamonga
10500 Civic Center Drive
Rancho Cucamonga, CA 91730

Attn: Ping Kho

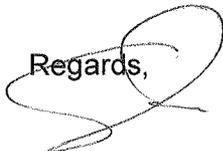
RE: New Bench Mark at Foothill Boulevard and Archibald Avenue

DESCRIPTION AND ELEVATION OF NEW BENCH MARK

Reset 2" brass disk in top of curb stamped "City of Rancho Cucamonga BM 10041A 2009" at the northwest corner of Foothill Boulevard and Archibald Avenue 1.0'± westerly from the end of curb return on Foothill Boulevard.

EL. = 1207.700

Regards,



Steven R. Dawson, P.L.S.

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10042	FD. 1" round head bolt in conc. curb stamped "SB CO BM 01691" at southeast corner of Foothill Boulevard and Hellman Avenue, 1 Ft. west of end of curb return.	1987	1976	1203.623
10043	FD. 2" brass disk in conc. curb stamped "SB CO BM #7-24" at northwest corner of Foothill Boulevard and Vineyard Avenue, at beginning of curb return.	1987	1976	1232.048

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10044	FD. drive pin with County Surveyor tag in conc. curb on northerly side of Foothill Boulevard at the northerly production of centerline of Baker Avenue, 200 Ft. east of centerline of Southern Pacific Railroad tracks over Foothill Boulevard.	1987	1976	1237.694
10045	FD. brass disk in conc. curb stamped "SB CO BM No. 7-26" at northwest corner of Foothill Boulevard and Grove Avenue, at middle of sidewalk to traffic signal control box, 0.4 Ft. west of end of curb return.	1987	1976	1291.539

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10046	Set 2" brass disk in Southern California Edison conc. tower base stamped "City of Rancho Cucamonga BM 10046 1987" on easterly side of East Avenue 0.25 miles north of Foothill Boulevard, at most westerly tower base of Mira Loma tower No. 223.	1987	1976	1213.685
10047 <i>MISSING 7/01</i>	Set 2" brass disk in conc. head wall stamped "City of Rancho Cucamonga BM 10047 1987" at southwest corner of Haven Avenue and Church Street, at westerly end of drainage channel wall.	1987	1976	1254.922

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10048	Set 2" brass disk in top of curb bridge wall over Cucamonga Creek Flood Control Channel stamped "City of Rancho Cucamonga BM 10048 1987" at southwest corner of Carnelian Street and Red Hill Country Club Road, 75 Ft. west of centerline of Carnelian Street.	1987	1976	1302.317
10049	Set 2" brass disk in top of headwall stamped "City of Rancho Cucamonga BM 10049 1987" on easterly side of East Avenue 75 Ft. south of the southerly edge of Freeway No. 15 bridge, south of P.P. #2067970E.	1987	1976	1283.912

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10050	Set 2" brass disk in top of conc. box culvert at northwest corner of base line and Etiwanda Avenue, 30 Ft. north of centerline of base line and 20 Ft. west of centerline of Etiwanda Avenue.	1987	1976	1297.445
10050 A	→ RESET - SEE LAST PAGE			
10051	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10051 1987" at the northwest corner of Base Line Road and Swanson Place 0.25 miles west of Etiwanda Avenue, at southerly end of catch basin 2 Ft. north of beginning of curb return.	1987	1976	1300.686

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10052	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10052 1987" at northeast corner of base line and Rochester Avenue, 53 Ft. north of existing centerline of baseline and 20 Ft. east of existing centerline of Rochester Avenue.	1987	1976	1328.180
10053	Set 2" brass disk stamped "City of Rancho Cucamonga BM10053 1987" on southerly side of baseline 0.25 miles west of Rochester Avenue, at northwest corner of vault marked "S G V M W D".	1987	1976	1328.505

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10054	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10054 1987" at northeast corner of base line and Milliken Avenue, at west end of catch basin.	1987	1976	1328.075
10055	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10055 1987" at southwest corner of Base Line Road and Spruce Avenue, at beginning of curb return.	1987	1976	1324.532

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10056 <i>See Reset notes 2/06 next page</i>	Set 2" brass disk in conc. headwall stamped "City of Rancho Cucamonga BM 10056 1987" at northwest corner of Base Line Road and Haven Avenue, at easterly end of drainage channel wall.	1987	1976	1317.780
10057 <i>SEE Reset notes 2/06 next page</i>	FD. 3" brass disk in conc. monument stamped "US GEOLOGICAL SURVEY BENCH MARK H II 1933 RESET 1984" at northeast corner of Base Line Road and Hermosa Avenue, 3.5 Ft. north of north east corner of catch basin.	1987	1976	1318.301

City of Rancho Cucamonga

Benchmark Replacements

February 8, 2006

Original BM 10057

Location: Northeast Corner Base Line Road And Hermosa Avenue

Replacement BM: Set 2 ½" crowned brass disk stamped "Replacement Benchmark" on the top of curb at the east end of the curb return at the northeast corner of Base Line Road and Hermosa Avenue.

Elevation: 1318.01

Original BM 10056

Location: Northwest Corner Base Line Road And Haven Avenue

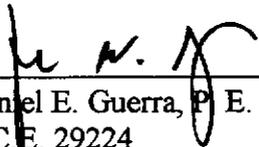
Replacement BM: Set 2 ½" crowned brass disk stamped "Replacement Benchmark" on the top of curb at the north end of the curb return at the northwest corner of Base Line Road and Haven Avenue.

Elevation: 1317.77

Performed by:

Dan Guerra & Associates
10271-B Trademark Street
Rancho Cucamonga, California 91730





Daniel E. Guerra, P. E.
R.C.E. 29224
Expires: 03-31-2007

2.08.06
Date

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10058	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10058 1987" at northwest corner of Base Line Road and Archibald Avenue 15 Ft. west of end of curb return at west end of catch basin.	1987	1976	1350.014
10059	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10059 1987" at northeast corner of Base Line Road and Hellman Avenue, in front of traffic signal.	1987	1976	1385.096

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10060	Set 2" brass disk in top of conc. vault stamped "City of Rancho Cucamonga BM 10060 1987" at northeast corner of Base Line Road and northerly extension of Vineyard Avenue, 3 Ft. east of end of curb return 4 Ft. north of traffic signal.	1987	1976	1442.645
10061	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10061 1987" at northwest corner of Base Line Road and Carnelian Street at end of curb return.	1976	1987	1449.338

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10062	FD. 2" brass disk in conc. walk stamped "City of Upland BM 8B-86 1987" on southerly side of Base Line Road bridge over Cucamonga Creek Flood Control Channel, 40 Ft. south of centerline of Base Line Road and 88 Ft. east of centerline of Alta Cuesta.	1987	1976	1448.714
10063 	FD 2" brass disk in conc. stamped "Division of Transportation East Victoria" at the centerline intersection of East Avenue and Victoria Street.	1987	1976	1342.346
10063 A	 RESET - SEE LAST PAGE			

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10064	Set 2" brass disk in conc. headwall stamped "City of Rancho Cucamonga BM 10064 1987" at the northwest corner of Haven Avenue and Victoria Street, at easterly end of drainage channel wall.	1987	1976	1380.719
10065	FD 2" brass disk in top of west wall of Cucamonga Creek Flood Control Channel stamped "City of Upland BM 10B-86 1987" 0.3 miles south of 19th Street.	1987	1976	1524.941

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10065 "A"	FD. 2" brass disk in top of west wall of Cucamonga Creek Flood Control Channel Stamped "City of Upland BM 9B-86" at STA. 907+00 opposite flap gate in east channel wall 0.25 miles north of Base Line Road.	1987	1976	1480.998
10066	Set 2" brass disk in conc. headwall stamped " City of Rancho Cucamonga BM 10066 1987" at southeast corner of Highland Avenue and Cherry Avenue at southwesterly end of headwall.	1987	1976	1402.363

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10067	Set 2" brass disk in conc. bridge stamped " City of Rancho Cucamonga BM 10067 1987" at the easterly end of Highland Avenue bridge over Freeway No. 15, at the base of southerly conc. railing.	1987	1976	1402.455
10068	Set 2" brass disk in top of conc. railing stamped "City of Rancho Cucamonga BM 10068 1987" at the westerly end of Highland Avenue bridge over Etiwanda Creek, at the southwesterly corner of bridge.	1987	1976	1404.554

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10069 <i>missing</i>	FD. 2" brass disk in conc. monument stamped "Division of Highways Reference Mark R.M. No. 1 1976" at the southeast corner of Highland Avenue and East Avenue, 25 Ft. south of Highland Avenue and 30 Ft. east of East Avenue.	1987	1976	1415.965
10070 <i>MISSING</i> ↓	FD. 2" brass disk in conc. curb stamped "SBCS BM No. 8-21 1970" at northeasterly corner of Highland Avenue and Etiwanda Avenue, at northerly corner of catch basin 66 Ft. north of Highland Avenue.	1987	1976	1432.769
10070 A	→ RESET - SEE LAST PAGE			

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10071	Set 2" brass disk in conc. wall stamped "City of Rancho Cucamonga BM 10071 1987" on northerly side of Highland Avenue 100 Ft. east of Hanley Avenue, 8 Ft. north of guard railing.	1987	1976	1446.270
10072	FD. 2" brass disk in conc. walk stamped "SB CO BM No. 8-23 1970" at a westerly end of Highland Avenue bridge over Day Creek.	1987	1976	1486.021

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10073	Set 2" brass disk in northeasterly conc. base for chain link fence corner stamped "City of Rancho Cucamonga BM 10073 1987" on southerly side of Highland Avenue, 0.5 miles west of Day Creek, 2 Ft. west of guy pole #GT 108550.	1987	1976	1497.730
10074	Set 2" brass disk in conc. Edison Vault stamped "City of Rancho Cucamonga BM 10074 1987" at the northeasterly corner of Highland Avenue and Milliken Avenue, 30 Ft. east of centerline of Milliken Avenue and 20 Ft. north of end of asphalt berm return.	1987	1976	1514.456

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10075	Set 2" brass disk in top of headwall stamped "City of Rancho Cucamonga BM 10075 1987" on the southerly side of Highland Avenue crossing over Deer Creek Channel, at the easterly end of wall.	1987	1976	1500.237
10076	FD. 2" brass disk in conc. headwall stamped "SBCS BM Reset No. 8-27 1975" at southwest corner of Highland Avenue and Haven Avenue, at south end of 4 Ft. chain link fence.	1987	1976	1478.232

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Levelled	Adjustment Year Elevation	
10077 NOT there 12/96 RESET per info 5/28/03	Set 2" brass disk in conc. headwall stamped "City of Rancho Cucamonga BM 10077 1987" at southwest corner of 19th Street and Haven Avenue, at easterly end of wall.	1987	1976	1426.145
10078	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10078 1987" at northwest corner of 19th Street and Hermosa Avenue, 4 Ft. west of end of curb return at easterly end of catch basin.	1987	1976	1456.723

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10079	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10079 1987" at northwest corner of 19th Street and Archibald Avenue, at easterly end of catch basin.	1987	1976	1485.473
10080 <i>8/30/99 Madok (Sonny) SAID this one has been Reset 125' easterly We have no connection on file</i>	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10080 1987" at northeast corner of 19th Street and Amethyst Avenue, at beginning of curb return and westerly end of catch basin.	1987	1976	1495.994

JOB NO. 93-64

TELEFAX TELEFAX TELEFAX TELEFAX



ASSOCIATED ENGINEERS, INC.
Consulting Civil Engineers
3311 East Shelby Street
Ontario, CA 91764
(909) 980-1982 / FAX (909) 941-0891

RECEIVED
OCT 12 1998
CITY OF RANCHO CUCAMONGA
ENGINEERING DIVISION

TO: Curt Billing

FIRM: City RC

FROM: Jim Elliott

DATE: 10-8-98

TOTAL NUMBER OF PAGES (Including cover sheet) 2

COMMENTS: BM # 10081 RESET 1994
2" Brass Disk in back of catch
basin 36' So. of E 19th St.
63' W. of Beryl St.
Elev = 1527.701

FAX NUMBER: 477-2849

ORIGINAL SENT VIA MAIL YES NO



COMPUTER SYSTEMS THREE WIRE LEVELS

94-63

ADDRESS			SOURCE	CHARGE	EXPENDITURE AUTHORIZATION		SPECIAL DESIGNATION (USE WHEN APPLICABLE)		
DISTRICT	GROUP	PROBLEM			GEN. LED	SUB-ACCT.	BRIDGE NUMBERS		PARCEL OR CONTR. NO.
			DIST.	UNIT	DIST.	UNIT	MAINT. W. O.	ROUTE NO.	PREP. LOCATION
							WORK ORDER NO.		

MM DM 42794

JOB DESCRIPTION
RESET BM 1.0081

S/C 2215

LEVEL DATUM	PARTY CHIEF	RECORDER	ROD NO.	TYPE OF ROD
	<i>M. NOOREEN</i>	<i>M. NOOREEN</i>		FOOT <input checked="" type="checkbox"/> YARD <input type="checkbox"/>
				STADIA FACTOR
				1:100 <input checked="" type="checkbox"/> 3:100 <input type="checkbox"/>

LINE NO.	POINT DESCRIPTION	BACKSIGHT	FIELD CHECK	FORESIGHT	FIELD CHECK	RECALL	ELEVATION	STAKE
	<i>TP#1 SEE PG 01</i>	<i>2.534</i>						
	<i>COV. NL. & N. END OF N.W. CORN. RET. CORN. & ADJST</i>	<i>1.925</i>						
		<i>1.315</i>					<i>1.528</i>	<i>3.51</i>
	<i>RESET BM 1.0081</i>	<i>3.188</i>		<i>3.062</i>				
	<i>BRASS DISK IN BARE OF CATCH BRUN 36' SOUTH OF E 17th ST 63' WEST OF S 2nd ST</i>	<i>2.698</i>		<i>2.574</i>				<i>1527.701 Adj</i>
		<i>2.208</i>		<i>2.085</i>				<i>1.527</i>
	<i>TP#1</i>			<i>2.656</i>				
	<i>SEE ABOVE</i>			<i>2.048</i>				
				<i>1.438</i>				<i>1.528</i>
								<i>3.53</i>

HCS 88

BY _____
CKD _____
DATE _____

IN CASE OF QUESTION CONTACT:

NAME _____
PHONE _____
DATE _____

S C 2217

VERIFY

SHEET NO *02* OF *02*

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10081	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga-BM 10081-1987" at northwest corner of 19th Street and Beryl Street, at end of curb return 3 Ft. east of catch basin.	1987	1976	1528.127
Reset	BM Reset 1994 2" brass disk in back of catch basin, 36' south of centerline of 19th Street, 63' West of centerline of Beryl Street.		1994	1527.701
10082	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10082 1987" at northwest corner of 19th Street and Canelian Street, at end of curb return.	1987	1976	1565.866

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10083	FD. 2" brass disk in northwest corner of bridge stamped "City of Upland BM No. 11B-86 1987" at 19th Street bridge over Cucamonga Creek Flood Control Channel, 500 Ft. west of Sapphire Avenue.	1987	1976	1599.334
10084	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10084 1987" at northwest corner of Amethyst Avenue and Orange Street, at beginning of curb return.	1987	1976	1582.123

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10085	FD. 2" brass disk in conc. outlet structure stamped "City of Upland BM No. 12B-86 1987", 10 Ft. west of west wall of Cucamonga Creek Flood Control Channel and 0.25 miles north of 19th Street.	1987	1976	1655.702
10086	FD. 2" brass disk in top of west wall of Cucamonga Creek Flood Control Channel stamped "City of Upland BM 13B-86" at the apparent beginning of curve 0.5 miles north of 19th Street.	1987	1976	1701.165

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10087	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10087 1987" at southeast corner of Cherry Avenue and north ramp of entrance to Freeway No. 15 at northerly end of curb.	1987	1976	1427.225
10088	Set 2" brass disk in conc. headwall of conc. culvert stamped "City of Rancho Cucamonga Bm 10088 1987" on southerly side of Summit Avenue 0.2 miles east of East Avenue.	1987	1976	1485.463
10088 A	→ RESET - SEE LAST PAGE			

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Levelled	Adjustment Year Elevation	
10089 <i>missing</i>  10089 A	Set 2" brass disk in conc. headwall stamped "City of Rancho Cucamonga BM 10089 1987" at southwest corner of Summit Avenue and East Avenue.  RESET - SEE LAST PAGE	1987	1976	1507.031
10090 <i>missing</i>  10090 A	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10090 1987" at southeast corner of Summit Avenue and Etiwanda Avenue, at end of curb return.  RESET - SEE LAST PAGE	1987	1976	1534.374

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10091 <i>MISSING</i>	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10091 1987" at northeast corner of Haven Avenue and Banyan Avenue, at end of curb return.	1987	1976	1621.805
10092	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10092 1987" at southwest corner of Banyan Avenue and Amethyst Avenue, 30 Ft. west of beginning of curb return at easterly end of catch basin.	1987	1976	1656.932

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10093	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10093 1987" at southeast corner of Banyan Avenue and Hellman Avenue, at end of curb return.	1987	1976	1671.480
10094	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10094 1987" at southeast corner of Banyan Avenue and Beryl Street, at end of curb return.	1987	1976	1659.311

**CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL**

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10095	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10095 1987" at southeast corner of Banyan Avenue and Carmelian Avenue, at end of curb return.	1987	1976	1724.642
10096	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10096 1987" at southwest corner of Banyan Avenue and Sapphire Street, 30 Ft. west of beginning of curb return at easterly end of catch basin.	1987	1976	1777.264

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10097	FD. 2" brass disk in top of west wall of Cucamonga Creek Flood Control Channel stamped "City of Upland BM No. 14B-86 " 8 Ft. north of centerline small conc. bridge over channel and 200 Ft. north of centerline prod. of 22nd Street.	1987	1976	1806.706
10098	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10098 1987" at northeast corner of Amethyst Avenue and Manzanita Drive, at end of curb return.	1987	1976	1757.464

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10099	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10099 1987" at northeast corner of Sapphire Street and Thoroughbred Street, at end of curb return.	1987	1976	1872.877
10100 MISSING ↓	Set 2" brass disk in top of northerly wall of drainage channel stamped "City of Rancho Cucamonga BM 10100 1987" on northerly side of Summit Avenue, at the centerline production of centerline of Cherry Avenue.	1987	1976	1505.118
10100 A	→ RESET - SEE LAST PAGE			

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Levelled	Adjustment	
			Year	Elevation
10101 ↓ 10101 A	FD. 1.5" brass disk in conc. stamped "SB CO FCD 1950" on section line 207 Ft. west of angle point in Summit Avenue, 164 Ft. east of Wardman Bullock Road. → RESET - SEE LAST PAGE	1987	1976	1541.867
10102 Destroyed by Construction March 1989	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10102 1987" at northeast corner of Wilson Avenue and Haven Avenue, 30 Ft. east of beginning of curb return in front of electric vault.	1987	1976	1821.197
10102 Reset 1989	Re-set 1½" brass disk in conc. curb at northeast corner of Haven Ave. and Wilson Ave. 65.5 Ft. east of the east end of the northeast curb return.	1989		1820.736

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10103	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10103 1987" at southeast corner of Hermosa Avenue and Wilson Avenue, at end of curb return.	1987	1976	1781.647
10104	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10104 1987" at southeast corner of Archibald Avenue, at end of curb return.	1987	1976	1758.727

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10105	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10105 1987" at northwest corner of Archibald Avenue and Hillside, Road 3 Ft. north of beginning of curb return.	1987	1976	1864.770
10106	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10106 1987" at northwest corner of Hillside Road and Amethyst Avenue, at end of curb return.	1987	1976	1893.894

CITY OF RANCHO CUCAMONGA
VERTICAL CONTROL

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment	
			Year	Elevation
10107	Set 2" brass disk in top of headwall stamped "City of Rancho Cucamonga BM 10107 1987" at northeast corner of Hillside Road and Beryl Street, at south end of drainage channel wall.	1987	1976	1894.025
10108	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10108 1987" at southeast corner of Hillside Road and Carnelian Street, at end of curb return.	1987	1976	1943.723

CITY OF RANCHO CUCAMONGA
V E R T I C A L C O N T R O L

Benchmark Number	DESCRIPTION	Year Leveled	Adjustment Year Elevation	
10109	Set 2" brass disk in conc. curb stamped "City of Rancho Cucamonga BM 10109 1987" at southwest corner of Hillside Road and Sapphire Street at end of curb return.	1987	1976	2002.424

City of
RANCHO
CUCAMONGA

July 10, 1979

RE: BENCH MARK ELEVATIONS

To Whom It May Concern:

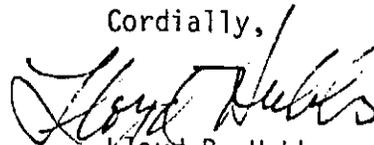
The City has prepared this reference manual in order to better serve the Community's interests. It is a composite of Bench Marks that have, heretofore, been available from the County Surveyor and the National Geodetic Surveyors (Washington D.C.).

We take no obligation as to elevations, descriptions or existence of any Bench Marks listed herein.

All Bench Marks with "A", "B" or "C" following the number are based on Sea Level Datum of 1929.

- A - 1st order 1st class
- B - 2nd order 1st class
- C - 3rd order

Cordially,


Lloyd B. Hubbs
City Engineer

LBH:deb

- 1-A: 1157.816 *CST 11 500 35* *PSO 1115 10027*
Nine and $\frac{1}{2}$ poles west of Baker Ave. along south side of tracks,
set brass disk in south end of east bridge abutment over dry
wash, 1.1 feet south of south hand-rail, 8.1 feet south of south
rail, 1 $\frac{1}{2}$ poles east yard limit sign, and 3.5 feet below tracks.
- 2-B: 1137.735
Conc. nail w/C.S. tag 2' S. of S. end of S.E. curb return. 33'
E. $\frac{1}{2}$ of Baker Avenue. 53' S. $\frac{1}{2}$ of Eighth St. Sec. 16, T. 1 S.,
R. 7 W., S.B.M.
- 3-A: 1137.845
Set drive pin with County Surveyors tag in top of South end of
curb return at southeast corner of 8th Street and Baker Avenue,
31 feet east of centerline of Baker Avenue, 54 feet south of
centerline of 8th Street 206 feet south of rail of main line and
6 feet below tracks.
- 4-B: 1113.259
R.R. spike in P.P. #1377671E S.E. corner of Vineyard Ave. and 8th
St. 27' S. $\frac{1}{2}$ of Eighth St. 28' E. $\frac{1}{2}$ of Vineyard Ave. 1.75 miles E.
of Upland. Sec. 15, T. 1 S., R. 7 W., S.B.M.
- 5-A: 1117.960
37 feet east of $\frac{1}{2}$ Vineyard Ave., 51 feet north of north rail, set
6" x 6" on top and 4 feet long concrete monument with brass disk,
3 feet east of power pole No. 1619824E. 4 feet north and 1 foot
east of witness post, and 1 foot below tracks.
- 6-B: 1096.164
Conc. nail w/C.S. tag at S. end of W. wall of storm drain at N.W.
corner Hellman and 8th St. 17' W. $\frac{1}{2}$ of Hellman Avenue. 26' N. of
8th St 39' S. of S. rail A.T. & S.F. Tracks Sec. 10, T. 1 S., R.
7 W., S.B.M.

- 7-A: 1096.243
Found San Bernardino County Surveyors drive pin with brass tag in top of west side concrete flood control ditch west side Hellman, 18 feet west of centerline of Hellman Ave., 26 feet north centerline of 8th Street, 39 feet south of south rail of main line tracks and 3 feet below tracks.
- 8: 1020.273
Chiz "□" end Curb Ret. on San Bernardino Ave., NW corner San Bernardino and Archibald
- 9: 1061.054
RR Spike in Pole #97773E, NEC 6th Street 7 Archibald.
- 10: 1091.372
RR Spike in Pole #502947E, S.E. Cor Acacia St. and Archibald
- 11B: 1105.783
Conc. nail w/C.S. tag in ctr. and S. end of Traffic island at 8th St. and Archibald Ave. 71.5' S. $\frac{1}{2}$ of A.T. & S.F. tracks. 48.5' N. $\frac{1}{2}$ of 8th St. Sec. 15, T. 1 S., R. 7 W., S.B.M.
- 12-A: 1103.587
345 feet east of centerline of Archibald Ave., directly across the tracks from A.T. & S.F. Railway station, 88.2 feet north of north end of freight depot. 50.5 feet north of main line tracks, set brass disk on top of west end of concrete headwall for a 4 foot concrete arch culvert, and 2.8 feet below main line tracks.
- 13: 1115.025
Chiz "□" end Curb Ret. on Archibald, N.E. Cor Feron Blvd. and Archibald.

- 14: 1150.113
Chiz " ☒ " end Curb Ret., NWC Archibald and Arrow Rt.
- 15: 1175.512
Chiz " □ " by Curb Ret., NWC Devon Street and Archibald
- 16-B: 1237.586
27 feet north of & Foothill Blvd. and on & Baker Ave. projected north. 200 feet East of & R.R. track over Foothill Blvd. on the north side, set drive pin w/C.S. tag in top curb.
- 17-B: 1231.927
At NWC of Vineyard Ave. and Foothill Blvd., 32 feet West of & Vineyard Ave. and 77 feet north & Foothill Blvd., set brass disk in top curb on the North end of curb return.
- 18-B: 1205.224
At NEC Hellman Ave. and Foothill Blvd. 13 feet East of & Hellman Ave. and 50 feet north & Foothill Blvd., set drive pin w/C.S. tag in top curb at SEC of Flood Channel.
- 19: 1207.590
P.K. Nail in Lead on Nose of East Traffic Island on Foothill at Archibald.
- 20-B: 1207.662
At the NWC of Archibald and Foothill Blvd., 63 feet West of & Archibald Ave. and 44 feet North Foothill Blvd., set brass disk in top of curb at the West end of curb return.
- 21: 1242.346
Chiz " □ " at Curb Ret. on Tyron St., NWC Tyron and Archibald

- 22: 1273.302
Chiz " □ " on Curb Ret. on Archibald, SWC Church and Archibald.
- 23: 1451.453
Chiz " □ " on Curb Ret., NWC Alta Cuesta and Via Ladera (Red Hill).
- 24: 1450.344
Chiz " □ " on End of Curb, NWC Carnelian & Baseline
- 25: 1446.693
FD Chiz " □ " on End Curb by West Curb Ret., NWC of East D/W
into High School Parking Lot, on Baseline @ Vineyard.
- 26: 1415.556
Fd Chiz " ☒ " end Curb on Baseline, NWC Beryl Ave and Baseline
- 27: 1389.281
Fd Chiz " □ " on South Curb Ret., SWC Lion St. and Baseline
- 28: 1383.465
Fd Chiz " □ " on North Curb, 63' ± East of Curb Ret., NEC Hellman
and Baseline
- 29
- 30: 1447.062
Chiz " □ " on North end Curb Ret., NWC La Grande and Beryl Avenue

- 31: 1428.521
Chiz " □ " on West Curb Ret., SWC LaRonda & Hellman
- 32: 1413.311
Chiz " □ " by North Curb Ret., NEC Lomita Drive. & Hellman Avenue
- 33: 1397.710
Chiz " □ " on South End 3rd Step, Front of American Can Co. Bldg.,
East Side Amethyst, North of Lomita Drive
- 34: 1464.854
Conc Nail in Chiz " □ ", East Curb Ret., NEC Cielito St and Beryl
Avenue
- 35: 1478.109
Chiz " + " Top Fire Hyd., Opposite #6886 Hellman Ave., 0.35 mile
south of 19th Street
- 36: 1466.853
Chiz " □ " End Curb Ret., SWC Mignonette & Amethyst
- 37: 1496.371
Chiz " □ " on Curb at North End of North D/W into House #6875
East Side Beryl Ave., 0.2 mile south of 19th Street
- 38 1592.055
RR Spike in Pole #H15971Y, SEC Sapphire St. and St. Hwy #30.

39-B: 1589.528

51 feet South & 19th St. and 178 feet east & Sapphire St., set brass disk in top of a 1 foot by 1 foot concrete base for water gauge for a large circular concrete water storage tank.

Pole out

40: 1583.130

RR Spike in Guy Pole #436755E, NEC Jasper St. and St. Hwy 30 (19th St.)

41 1568.228

Chiz " " on North Curb Ret., NEC Carnelian St. and St. Hwy 30 (19th St.).

42-

43-B: 1524.702

At the SEC of Beryl and 19th Streets, 22 feet sough & 19th St. and 41 feet East & Beryl St., set brass disk in top of the South east curb return at the East end.

*6/89
found*

"

44: 1525.604

Chiz " " Culvert HW - NEC Beryl Ave and St. Hwy 30 (19th St.)

"

45: 1515.041

Chiz " " North Curb Ret., NEC Eastwood and St. Hwy 30 (19th St.).

"

46: 1522.504

FD RR Spike In PP#788234E, NWC Hellman & State Hwy 30 (19th St.)

- 48: 1493.883
Chiz " □ " NWC Conc D/W, SEC State Hwy (19th St) and Amethyst.
- 49-B: 1485.574
At the NEC of Archibald Ave., and 19th St., 26 feet North of & 19th St. and 21 feet East & Archibald Ave., set brass disk in SWC of headwall for drop in box for 30" CMP culvert.
- 50: 1642.424
Hard Nail in Chiz " □ ", Center Curb Ret., SWC Orange and Carnelian.
- 51: 1669.671
Hard Nail in Chiz " □ " 10'± North of Curb Ret., NEC Lemon and Carnelian.
- 52: 1609.389
Chiz " □ " on South Curb Ret., SWC Beryl and Lemon
- 53: 1591.537
Chiz " □ " by West Curb Ret., SWC Beryl and Orange
- 54: 1603.948
Chiz " □ " South Curb Ret., SEC Lemon & Hellman

55: 1594.836
Chiz " □ " on West Curb Ret., SWC Amethyst and Lemon Avenue

56: 1547.866
RR Spike in 4' Dia. Euc Tree, NWC Highland & Amethyst

57: 1541.091
Set Chiz " □ " on Top Fire Hydrant, NEC Archibald & Highland

~~B~~ 3-92 ~~X~~ OUT?

~~58:~~ 1590.880
Set Chiz " □ " on Top Flange of Fire Hydrant, SEC Archibald and Lemon

destroyed

59: 1638.712
Set "Conc Nail" in Broken End of Ruble Wall, NEC Banyan and Archibald

60: 1652.720
Chiz " □ " Center Ret., on Wall Ret., NEC Banyan and Amethyst Sts.

61: 1619.623
Set Chiz " □ " Top Ret. Wall, at End of Euc Row, East Side of Amethyst Avenue, 0.1 mile south of Golden

62: 1675.291
RR Spike in 4' dia. Cedar Tree, NWC Banyan & Hellman

63: 1662.118
Chiz " □ " at End of North Curb Ret., NWC Beryl & Banyan

- 64: 1691.091
Chiz " □ " Top Culver H/W North Side Banyan Ave., about halfway
between Beryl and Carnelian
- 65: 1726.365
Chiz " □ " by End of Curb Ret. (North End) NEC Banyan and
Carnelian.
- 66: 1913.110
Set Chiz " □ " N. Curb Ret., NEC Rancho St. and Carnelian St.
- 67: 1948.210
Set Chiz " □ " N. End Curb Ret., N.W. C. Hillside Rd and Carnelian
- 68: 1994.52
Set Chiz " □ " in Curb, West Side Carnelian St. So. of Private Rd.
"Cherry Lane", So. of D.I.
- 69: 2120.710
Set Chiz " □ " in End Sidewalk, SEC Walk, S.W. Int. Private Rd.
(Balla Vista) and Carnelian
- 70: 1883.086
" □ " West end curb return at NWC Hillside Rd & Hillside Cove.
- 71: 1893.747
" □ " in west end of curb return at northwest corner of Hillside
and Amethyst

72: 1864.030
Fd Screw set in Lead in Painted Circle, top south end, East
Drop Inlet, NWC Hillside and Archibald.

* DISREGARD
→ 73:

~~1609.389 ERROR~~
Chiz "□" on South Curb Ret., SWC Beryl and Lemon

SAME AS # 52

74: 1685.305
Set Chiz "□" in Conc Sidewalk, SEC Sidewalk behind large Euc
Tree at 5929 Archibald Ave between Wilson and Banyan.

75: 1759.439
Set Hard Nail in Painted Circle, NWC Flume, SEC Archibald and
Wilson

76: 1757.386
Fd S.B. Co. F.C.D. Brass Cap in Conc Set 1947, at SEC Flood Control
Channel, S. Side Wilson, Between Hermosa and Archibald.

77: 1860.561
Concrete Nail in Painted "O" Top of High Curb at southeast corner
of Hillside & Hermosa

78: 1783.513
Chiz "□" East Curb Ret., NEC Hermosa and Wilson Avenue

79: 1799.492
Chiz "□" East End Ret. Wall, Front of 10241 Wilson Avenue, West
of Haven Avenue.

- 80: 1742.913
Chiz " □ " Top High Curb, South Side of D/W 82'± South of Pole
#1072464E, East Side of Hermosa Ave., South of Wilson Avenue
- 81: 1710.718
"Hard Nail" in Chix " □ " Top High Curb, South Side D/W - 67'±
South of Pole #1072462E. East Side Hermosa Avenue, South of Wilson
- 82: 1817.926
Chiz " □ " by South Curb Ret., SEC Haven and Wilson
- 83: 1764.168
Chiz " □ " by South Curb Ret., on Haven Avenue @ North Olive Way.
- 84: 1715.035
Chiz " □ " NE Curb Ret., South Olive Wy and Haven Avenue @ Chaffey
College
- 85: 1688.751
Chiz " □ " SE Curb Ret., South Entrance to Chaffey College,
East Side of Haven Avenue
- 86: 1637.224
Chiz " □ " in Curb Ret. East Side Haven, So. End of Chaffey
College Grounds.
- 87: 1592.034
RR Spike in Pavement, SEC N. D/W, 660'± No. of Lemon, West Side
Haven Avenue

- 88: 1551.296
Fd Chiz " □ ", SEC Drop Inlet, NWC of Lemon and Haven.
- 89: 1566.201
Chiz " □ " East Curb Ret., NEC Lemon Avenue and Hermosa Avenue.
- 90: 1535.665
Chiz " □ " End Flume - East Side Hermosa, North Side Santa Fe Tracks, between Lemon Ave and Highland Avenue.
- 91: 1485.875
Chiz " □ ", NEC Curved Headwall of Conc Culvert, NWC Haven and Highland
- 92-B: 1478.026
At the SWC Highland & Haven Aves. Set brass disk in top west conc. wall of drainage channel & at south end of 4 ft. chain link fence 44 ft west & So. bound lanes of Haven Ave. & 146 ft. South & Highland Ave.
- 93: 1507.782
Chiz " □ " South Curb Ret., SEC Highland Ave and Hermosa Ave.
- 94-B: 1466.322
336 feet North & 19th St. on the West side of Hermosa Ave. (Turner Ave.) 17½ feet West of & Hermosa Ave., 1 foot plus or minus west of toe of South Flood Channel wall (8 ft. wide and 4ft. deep). Brass Disk
- 95: 1456.964
Fd Bridge Spike in PP#905185E, NEC Hermosa and St. Hwy #30 (19th)

NOT
there
12/96

96-B: 1430.686
At the NWC of Haven Avenue & 19th St., 44 feet West & Haven &
83 feet North & 19th St., set drive pin w/C.S. tag in top at the
east end of a head wall for 3 24" CMP's.

NOT ?

97: 1430.888
Chiz " □ " NEC Culvert N/W, NWC 19th and Haven

98: 1374.947
Fd Chiz " □ " on West end North Headwall, NWC SPRR & Hermosa
North of Baseline

99-B: 1374.075
18 feet West of & Hermosa Ave. and 12 feet So. of & of S.P.R.R. tracks
set drive pin on West side of headwall 4 feet by 4 feet conc. box
culvert, 3 feet East of West end.

100-B: 1322.136
At the SEC of Turner Ave. & Baseline 34 feet East & Turner Ave.
and 16 feet South of Baseline, found U.S.G.S. brass disk in 10"
diameter concrete mon. project 5 inches above ground.

101: 1335.595
Set Chiz " □ " center of conc. slab on east edge NWC Ramona
and Baseline.

102: 1356.409
Chiz " □ " NEC RR Signal Base, West Side of Haven Ave., North of
Baseline.

103: 1315.309
Chiz " □ " top H.W. Culvert, SWC Baseline & Haven Ave

- 104: 1254.972
Chiz "☒" " H.W. Culvert, SWC Haven Avenue and Church St.
- 105-B: 1207.674
Mission Winery, 68 ft. N. of center of State Highway 66
(Foothill Boulevard), S. of center entrance to main building,
1.5 ft. S. of fountain, in concrete post; standard tablet
stamped "1933 H44 1208", telephone pole marked "U S P B M 1207.9"
- 106-B: 1204.105
P.K. nail in center of wing wall 15' ± south of end wall on West
side of Turner Ave. and South side of Foothill Blvd. Sec. 11, T. 1 S.
R. 7 W.
- 107: 1208.300
Chiz "☐" on nose of Conc Island, East Side of Haven Ave, Center
of Foothill Blvd
- destroyed*
- 108-B: 1151.973
In top of West end of concrete & rock rubble curb return at SWC
Arrow Route and Turner Ave., $\frac{1}{4}$ " threaded bolt 53 feet South ±
Arrow Route and 30 feet West ± Turner Ave.
- 109: 1158.269
Chiz "☐" on Rim of Bell Tel Man Hole, SEC Arrow Rt and Haven
Avenue
- 110-A: 1115.031
3.0 miles west along AT & SF RR from the Etiwandasiding, 121 feet
west centerline of pavement on Haven Avenue set standard concrete
monument with disk 109 feet west and $33\frac{1}{2}$ feet south of north east corner
Sec 14, T. 1 S. R. 7 W., 30 feet South of south rail of mainline
90 feet north centerline 8th St., $4\frac{1}{2}$ feet west of telegraph pole
3 feet north and 1 foot east of witness post, and 1 foot lower than
tracks.

- 111-A: 1110.057
Northwest Corner of West wingwall at nec 8th St and Turner Ave
Found concrete nail in chisled square, 23 feet north of centerline
8th Street, 12 feet east of center line of Turner Ave., 44.5 feet
south of south rail of main line tracks, and 2 feet below tracks.
- 112: 1073.229
RR Spike in Pole #309950E, NWC Haven and Sixth Street.
- 113-B: 1030.878
P.K. Nail in square West end of head wall North side San Bernardino
Avenue. Sec. 14, T. 1 S., R. 7 W.
- 114-B: 1026.914
R.R. spike in 1" I.P. near S. $\frac{1}{4}$ corner Sec. 13, T. 1 S. R. 7 W.
- 115-B: 1040.609
R.R. spike P.P. #309785E. P.P. pole is 22' N. of $\frac{1}{4}$ of San Bernardino
Ave. and 36' W. $\frac{1}{4}$ Rochester Ave. and is on NWC of San Bernardino and
Rochester Ave., Sec. 18, T 1 S., R. 6 W.
- 116: 1116.817
Chiz " " SEC RR Warning Signal, East side of Haven Avenue by
AT & SF Tracks (at 8th Street).
- 117-A: 1119.712
Set R. R. spike in power pole #1377479E, $\frac{1}{2}$ mile east of Haven
Ave., 22 feet south of centerline of 8th St., 95 feet south of south
rail, 97 feet south and 45 feet east of $\frac{1}{4}$ corner Sections 12, 13,
T. 1 S., R. 7 W., and $\frac{1}{2}$ foot above tracks.

*Accuracy
Questionable*

- 118-A: 1122.619
311 feet west of signal control standard F952, 69 feet north and 16 feet east of southeast corner Sec. 12, T. 1 S., R. 7 W., 3 feet east of extended line of Miliken Avenue, 4 ½ feet east of telephone pole with guy line, 2 ½ Feet east and 1½ feet north of witness post, and 33 feet north of north rail, and 1½ feet below tracks.
- 119-A: 1119.693
Set brass disk in top of east end of south concrete end wall of twin 2 foot arch culverts, 8.5 feet south of southrail, 5½ poles west of mile post 95, 7 poles west of Rochester Avenue, 54 ft. north of a pavement of 8th St., and 2.4 feet below tracks.
- 120-A: 1128.039
Set brass disk in south end of the west concrete bridge abutment of a steel girder bridge across the Etiwanda Flood Control channel, 1.4 feet south of south hand rail, 8.0 feet south of south rail, 9 poles east of Rochester Avenue, 10½ feet east milepost 95 and 2.1 feet below tracks.
- 121-B: 1121.171
R.R. spike in center piling of West wing wall NEC A.T.& S.F. R.R. tracks and Rochester Avenue, Sec. 7, T. 1 S., R. 6 W.
- 122: 1164.409
Chiz " □ " NEC Conc Vault, front of Abitibi Plant, So. Side Arrow Route, West of Rochester
- 123: 1159.890
Fd RR Spk. in PP#1377304E, SWC Rochester Avenue and Arrow Route
- 124: 1208.689
RR Spike in Pole #1125153E, So. Side Foothill by 1 Pal Tree 0.3 mile East of Haven Avenue.

125: 1212.332
RR Spike in 24" Euc Tree, North Side Foothill Blvd 1440+
West of Santa Fe RR Crossing (between Etiwanda Ave and Haven
Avenue).

126-B: 1212.334
USC&GS Brass cap "DARE" 1963 118' N and 23.6'W of SWC Sec.
6, T.1 S., R. 6 W., 12.7' W. of West gage of R.R. tracks, North
of & Foothill Blvd.

127: 1207.338
Chiz " □ " on West End So. H/W, Culvert #246+28, So. Side of
Foothill, 0.6 mile West of Rochester Avenue @ Fwy. P.M. 8.51

128: 1206.232
Chiz " ⊗ " West End Culvert H/W SEC Rochester Ave and Foothill
Blvd, Culvert #A-277+32.3

129: 1207.88
Round Head Conc Nail with " + " in Head, on Walkway 4' + from
West end, So. Side, over Flood Control Channel, on Foothill Blvd
East of Rochester.

130-B: 1207.305
Brass pin in NWC Day Canyon Bridge on Foothill Blvd. SEC Sec.
6, T.1 S., R. 6 W.

131-B: 1208.047
P.K. nail North end of E wing wall NEC Rochester Avenue and Foothill
Blvd. Sec. 5, T. 1 S., R. 6 W.

- 132: 1269.267
RR Spike in Pole #1377334E, East Side Rochester Avenue 0.1 mile north of Church
- 133: 1326.172
RR Spike in 22" Euc Tree, 13' SE Pole #H154Y, So. Side Baseline East of Haven Avenue
- 134: 1329.188
RR Spike in 30" dia. Forked Euc Tree, 29'+ from 8' x 12' x 11' Conc Water Tank, So. Side Baseline 0.8 mile west of Rochester.
- 135: 1331.261
Chiz " □ " on High Point Conc Spillway Apron 5'+ from Pole #H0225Y, So. Side Baseline, West of Rochester Ave.
- 136: 1326.484
RR Spike in Pole #1377346E, SEC Baseline and Rochester Avenue.
- 137: 1319.531
RR Spike in Pole #1619753E, North Side Baseline 200' + East of Flood Control Channel, between Etiwanda and Rochester.
- 138: 1498.836
Chiz " □ " West End North H/W Culvert #8.40 - Flood Control Channel on Highland Ave., East of Haven Avenue
- 139: 1516.796
RR Spike in PP (no number) 66'+ East of Highway Marker 30 SBD 9.00, North Side of Highway 30, 2nd Pole East of 11498 (house) on Hwy 30. 1.1 mile east of Haven

- 140: 1485.617
Round Head Nail on Bridge Walkway, 6.5' West of East End of
Bridge over Day Flood Control Channel, South side of Highland
Avenue.
- 141-B: 1511.628
2.0 miles West along Highland Avenue, from Etiwanda Avenue, 40
feet south & Highland Avenue, 40 feet south and 31 feet East of
NEC Sec. 36, T1N, R7W, set conc. monument along N-S power line
72 feet south a Power Line, 72 feet south of PP (no number)
- 142- : 1448.187
Chiz " □ " east end H.W. Culvert North Side of Highland Avenue
3.4 mile east of Haven at Fwy. P.M. #10.05 (disturbed).
- 143-B: 1511.552
1.5 miles west along Highland Ave. from Etiwanda Ave., 33 feet
north & Highland Ave; 33 feet north and 62 feet west of Brass cap
for ½ sections 30, 31 T1N, R6W, set R.R. spike in transformer
power pole (no number).
- 144: 1437.899
Chiz " X " Top East I.P. filled with Conc., by Phone Booth, front of
Casaletti Cafe, South side of Highland Ave 3.65 mile east of Haven
(disturbed).
- 145-B: 1485.847
At the West end of Day Canyon Channel Bridge #54-39, dated 1947,
Station No. 30 SBD 9.72 and 17 feet north & Highland Avenue
- 146-B: 1448.025
On the North side Highland Ave. at Station 30SBD 10.05, 18 feet
North & Highland Ave. and 25 feet West & 19 feet South of a trans-
former power pole no number, set drive pin w/C.S. tag in West end of
a headwall for 4-24" C.M.P.'s.

gone 147.

1434.517
Chiz " □ " SEC Conc Brick Wall, NWC Etiwanda Avenue and Highland Avenue.

City's SEE
10070

gone 148-B:

1432.612
At the NEC Highland and Etiwanda Aves., 66 feet North of Highland Ave. and 24 feet East of Etiwanda Avenue, at the NWC of a 4 foot by 8 foot drop-in-box for drainage culvert, set standard brass disk.

149: 1520.898
Chiz " □ " on Bottom Conc Step, front of House #13108, North Side of Summit Ave, 0.25 mile West of East Avenue.

150: 1507.007
Fd Chiz " ⊠ " in middle of Conc. Headwall, at the SWC of Summit Avenue and East Avenue

151: 1476.026
Set Chiz " □ " SWC of the North Conc D/W, 30' East from the E of East Ave., at 6229 East Avenue 0.15 mile South of Summit Ave.

152: 1485.374
Chiz " □ " SEC of South Headwall of Conc. Culvert, South Side of Summit Avenue, Southeast of Summit School Lot, East of East Ave.

153: 1517.432
Chiz " □ " NE End, South Headwall of Conc Culvert, South side Summit Ave 0.3 mile west of Wardman-Bullock Rd.

154: 1540.758
Set RR Spike in P#J1074Y, North Side Summit Ave., Pole has 2 Guy Wires, Last Pole of the Line, at Angle Point in Road to SW East of Wardman-Bullock Rd.

- 155: 1449.187
Set Chiz " □ " Top of Curb South End D/W, West Side of East
Ave in front of General Telephone Co. South of Summit Avenue.
- 156: 1416.445
Chiz " □ " on South End West H/W Culvert, SWC East Avenue and Highland
Avenue.
- 157: 1389.968
Chiz " □ " So. End Curb Ret., SWC Catalpa St. and East Avenue
- 158: 1393.973
Chiz " □ " SEC Conc Base, St of Calif., Div of Forestry
Sign, 6696 Etiwanda Avenue, So of Highland Avenue
- 159-B: 1359.387
At the NEC of Etiwanda Avenue and Victoria St., 24 feet East &
Etiwanda Avenue, and 32 feet North & Victoria on the NEC of a 4
foot by 2 foot concrete culvert.
- 160: 1345.204
RR Spike in PP#359863E, NEC Victoria St. and East Avenue
- 161: 1326.569
Chiz " □ " West End Culvert H/W.. South Side P.E.R.R. Tracks. West
side Etiwanda Ave.. So. of Victoria Street
- 162: 1300.035
Chiz " □ " on Front step at House 12659 Baseline 0.35 mile West
of Etiwanda.

- 163-B: 1297.297
24 feet East & Etiwanda Ave. & 40 feet North Baseline, set brass bench disk in top of NE end of a 4 foot by 2 foot concrete box culvert.
- 164-B: 1248.439
At the NEC of Etiwanda and Miller Aves., 24 feet East & Etiwanda Ave., 35 feet North & Miller Ave., 1.3 feet North and 1.00 foot West of PP #J1144Y set brass disk in top curb 2 feet north of NE curb return.
- 165: 1224.855
Chiz " □ " Top Curb, Front of Fire Hyd., East Side Etiwanda 0.25 mile North of Foothill Blvd, next to PP #T2785B
- 166: 1199.259
Chiz " X " on Nose of East Island, Center of Foothill at Etiwanda
- 167: 1203.249
Chiz " □ " Top of Curb by D/W into Sacred Heart Catholic Church (on Foothill Blvd., West of Etiwanda).
- 168-B: 1194.630
At the NEC Foothill Blvd and East Ave., 43 feet North of & Foothill Blvd. 60 feet East of East Ave., set drive pin w/C.S. tag in approx. center top of East wingwall for bridge #54-379 over Etiwanda Flood Channel.
- 169-B: 1198.764
P.K. nail SWC Signal post at SWC Etiwanda Ave. and Foothill Blvd. NEC Sec. 8, T. 1 S., R. 6 W.
- 170: 1162.964
FD. Chiz " □ " SWC of Headwall north side Arrow Route 0.2 mile e/o Route 15.

171-B: 1155.762

P.K. nail in top of curb, 153 feet north & Arrow Route 22 feet West of & Etiwanda Ave., 110 ft. north of north end curb return.

172-A: 1129.617

Set concrete nomument 6" X 6" at top and 4 feet long, projecting 6 inches above ground 3 ½ feet north and 1.8 feet east of telephone pole with guy line, 3 feet east and 2 feet south of witness post, 29 feet north and 21 feet west of northwest fence corner (8 foot chain link fence) surrounding Southern Calif. Edison Generating plant, 27 feet south of south rail and 2½ feet below tracks, 52 feet east of siding switch.

173-A: 1124.978

Set brass disk in top of curb on west side Etiwanda Ave, 109 feet north of north rail of main line, 2 feet south of south end of large drop in flood control culvert, 6½ feet east and 2 feet south of power pole No. 772720E, and ½ foot lower than main line tracks.

174-A: 1125.014 *SBCS 700-22 PSONAS 10013*

10 ¾ poles west of mile post 93, set brass disk in northwest corner concrete slab for water valves, Metropolitan Water District line 53.2 feet south of south rail of main line 96 feet west and 10 feet south siding switch, and 5 feet below main line tracks.

175-B: 1108.342

R.R. spike P.P #1243706E East side of Etiwanda Ave in front of SCE gate. Section 9, T. 1 S., R. 6 W .2 mile south of AT&SF RR

USE

126:

~~176:~~

1162.456

Chiz "X" Top of Fire Hydrant So. Side of Arrow Route East of Haven 20 feet East of R.R. Spurr

NO 900D 2/10/87

177: 1082.507

RR Spike in Pole #958790E 2nd Pole North of Private Road into Kaiser Steel 0.4 mile north of San Bernardino Avenue

- 178-B: 1041.084
R.R. Spike P.P. #309797E first pole East of R.R. tracks on North Side of San Bernardino Avenue. Sec. 17, T. 1 S., R. 6 W.
- 179: 1041.985
Chiz "□" So. end of Headwall, SWC Etiwanda Ave and San Bernardino Avenue
- 180-C: 2347.27
The rd. along which this line was run no longer exists. To reach from Etiwanda School at Victoria and Etiwanda Ave., drive N. on Etiwanda Ave., at 2.7 mi. turn left on power line rd., at 6.0 mi. turn right, drive 625 ft. on this rd. to rd. fork and BM, BM is in triangle of rd. forks, 38 ft. N., 45 ft. W. and 29ft. SE. of forks, also 93 ft. S. of a gate having stone pillars; a standard tablet stamped "1933 H 52 2347" in concrete post.
- 181-C: 2122.38
The road along which this line was run no longer exists. To reach from Etiwanda School at Victoria and Etiwanda Ave., drive N. on Etiwanda Ave., at 2.7 mi. turn left on power line rd., at 4.6 mi. reach BM., 66 ft. S. of power line rd. in triangle of rd. forks, 100 ft. SW., 73 ft. N. and 260 ft. ESE. of forks, 375 ft. E. of tower No. 21915; standard tablet stamped "1933 H 51 2123" in concrete post.
- 182-C: 1861.431
Bullock Ranch, 1.3 mi. W. of, 27 ft. E. and 12 ft. N. from intersection of crossroads, 3 ft. E. of Forest Service signpost labeled "WATER FOR FIRE TRUCKS" and pointing N., in concrete post; standard tablet stamped "1933 H 49 1862", post marked "U S P B M 1861.4".
- 183-C: 1296.003
8 ft. S. and 23 ft. W. from intersection of Base Line and East Avenues, in concrete post; standard tablet stamped "1933 H 9 1296", telephone pole marked "U S P B M 1296.2" (also T.T. station).

184-C: 1453.566
12 ft. S. of center of Base Line Avenue and 50 ft. W. of N.S.
second class dirt rd., 68 ft. S. of power line, in concrete
post; standard tablet stamped "1933 H 12 1454", pole marked
"U S P B M 1453.8"

185-C: 2191.474
Schulhof Ranch, 0.5 mi. N. and 0.3 mi. W. from, 11 mi. W. of
Bullock Ranch, 0.4 mi. E. of Cucamonga wash, 34 ft. SE. of dim
X-rds., 180 ft. E. of forest gate, in concrete post; standard
tablet stamped "1933 H 54 2192", boulder marked "U S P B M
2191.3"

CITY OF RANCHO CUCAMONGA

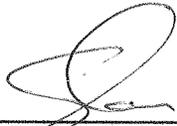
VERTICAL CONTROL

Performed By Baseline Surveying, Inc.

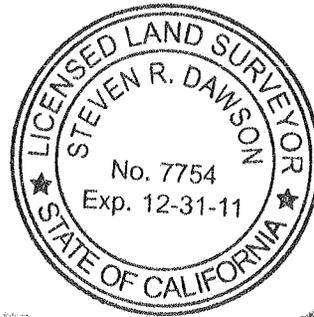
ESTABLISHMENT OF EIGHT (8) NEW BENCHMARKS.

The vertical control survey was performed by BASELINE SURVEYING, INC. during February, 2010. The survey was performed using Second Order, Second Class, National Geodetic Survey Standards.

The vertical control survey was based on running differential levels starting at City of Rancho Cucamonga Benchmark # 10051. Along the survey new benchmarks were established near the following intersections (see attached benchmark descriptions). The differential levels were then run back to benchmark # 10051 for a closure loop.

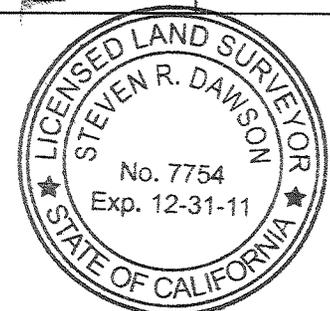


Steven R. Dawson, PLS
License No. LS 7754
Expires 12/31/11



**CITY OF RANCHO CUCAMONGA
NEW CITY BECHMARKS**

BENCHMARK NUMBER	DESCRIPTION	YEAR LEVELED	ELEVATION
100101 A	Set 2.5" Brass Disk in top of curb at the northeast corner of Wardman Bullock Road & Wilson Avenue 2'± east of BCR on the north side of Wilson Avenue stamped "Rancho Cucamonga Benchmark 100101 A"	2010	1544.381
100100 A	Set 2.5" Brass Disk at the northwest corner of catch basin at the northwest corner of Wilson Avenue & Cherry Avenue 25'± west of the ECR on the north side of Wilson Avenue stamped "Rancho Cucamonga Benchmark 100100 A"	2010	1506.278
10050 A	Set 2" Brass Disk northwest corner of southerly catch basin at the northwest corner of Etiwanda Avenue & Baseline Street 25'± north of the BCR on the west side of Etiwanda Avenue stamped "Rancho Cucamonga Benchmark 10050 A"	2010	1297.828
10063 A	Set 2.5" Brass Disk in the top of curb at the southwest corner of Etiwanda Avenue & Victoria Street 2'± west of BCR on the south side of Victoria Street stamped "Rancho Cucamonga Benchmark 10063 A"	2010	1358.595



**CITY OF RANCHO CUCAMONGA
NEW CITY BECHMARKS**

BENCHMARK NUMBER	DESCRIPTION	YEAR LEVELED	ELEVATION
10070 A	Set 2.5" Brass Disk northwest corner of catch basin 175'± south of Arapaho Street , 32'± north of the I-210 bridge on the west side of Etiwanda Avenue stamped "Rancho Cucamonga Benchmark 10070 A"	2010	1447.992
10088 A	Set 2.5" Brass Disk northwest corner of catch basin, north side of Banyan Street, 120'± west of the approximate center San Sevaine Channel of the stamped "Rancho Cucamonga Benchmark 10088 A"	2010	1471.160
10089 A	Set 2.5" Brass Disk northwest corner of northerly catch basin at the northwest corner of East Avenue & Banyan 35'± north of the BCR on the west side of East Avenue stamped "Rancho Cucamonga Benchmark 10089 A"	2010	1510.427
10090 A	Set 2.5" Brass Disk southeast corner of catch basin at the south west corner of Banyan Street & Etiwanda Avenue 20'± west of the BCR on the south side of Banyan Street stamped "Rancho Cucamonga Benchmark 10090 A"	2010	1534.540

