

COUNTY OF LOS ANGELES
ROAD DEPARTMENT

PRECISE
BENCH MARK LIST



HAWTHORNE QUAD

1970 ADJUSTMENT

PREFACE

The Road Department level net is composed of more than 1,000 miles of levels supporting in excess of 10,000 bench marks. In 1964-65, a major readjustment of the net was undertaken. To emphasize the complete break with previous elevations, the SY, SG & SL series bench marks have been re-labeled BY, BG & BL, respectively.

To facilitate the adjustment, indexing, and distribution of adjusted values of the net, the County territory was divided into 31 quads or areas. For identification purposes each quad was given a name, viz., "Rosemead," "La Mirada," "Santa Fe," etc. When bench marks and elevations in the Road Department net are used, the name of the quad in which the bench mark is located and the date of the adjustment of the elevation must be included in the bench mark description, e.g.,

BG 1887 --L+BN IN CONC HDWL OF DRAIN PIPE UNDER DR 218 FT
NE +18 FT SE C/L INT GRAND AVE +CAMERON AVE MKD (BM)
(COVINA --1965) ELEV. 696.238

It is expected that this general adjustment will, for the most part, remain sound for the next 8 to 12 years. As new circuits are completed, however, re-adjustment of individual quads may become advisable. It is expected that these subsequent adjustments will be in the nature of a few hundredths of a foot. When a quad is re-adjusted, new elevation lists will be published and the date of the re-adjustment will replace the "1965" at the end of the bench mark description. Two bench marks in the same quad with different adjustment dates will not normally join each other. Since all adjustments taper out to nothing at the periphery of the quad, any bench mark in one quad will join any bench mark in another quad regardless of their respective adjustment dates.

The basic accuracy of the net is reflected by an indicated field probable error of plus or minus 0.012 foot per mile of leveling as determined from 298 conditions of closure. However, many years experience in vertical control in the greater Los Angeles basin and Antelope Valley indicate that because of varying degrees of subsidence and heaving, the true datum is recovered only by obtaining substantial agreement of a number of bench marks.

The users of this net are invited to assist in its maintenance by notifying this Department of cases of obliteration, apparent mistakes in descriptions or elevations, and proven disturbance of bench marks.

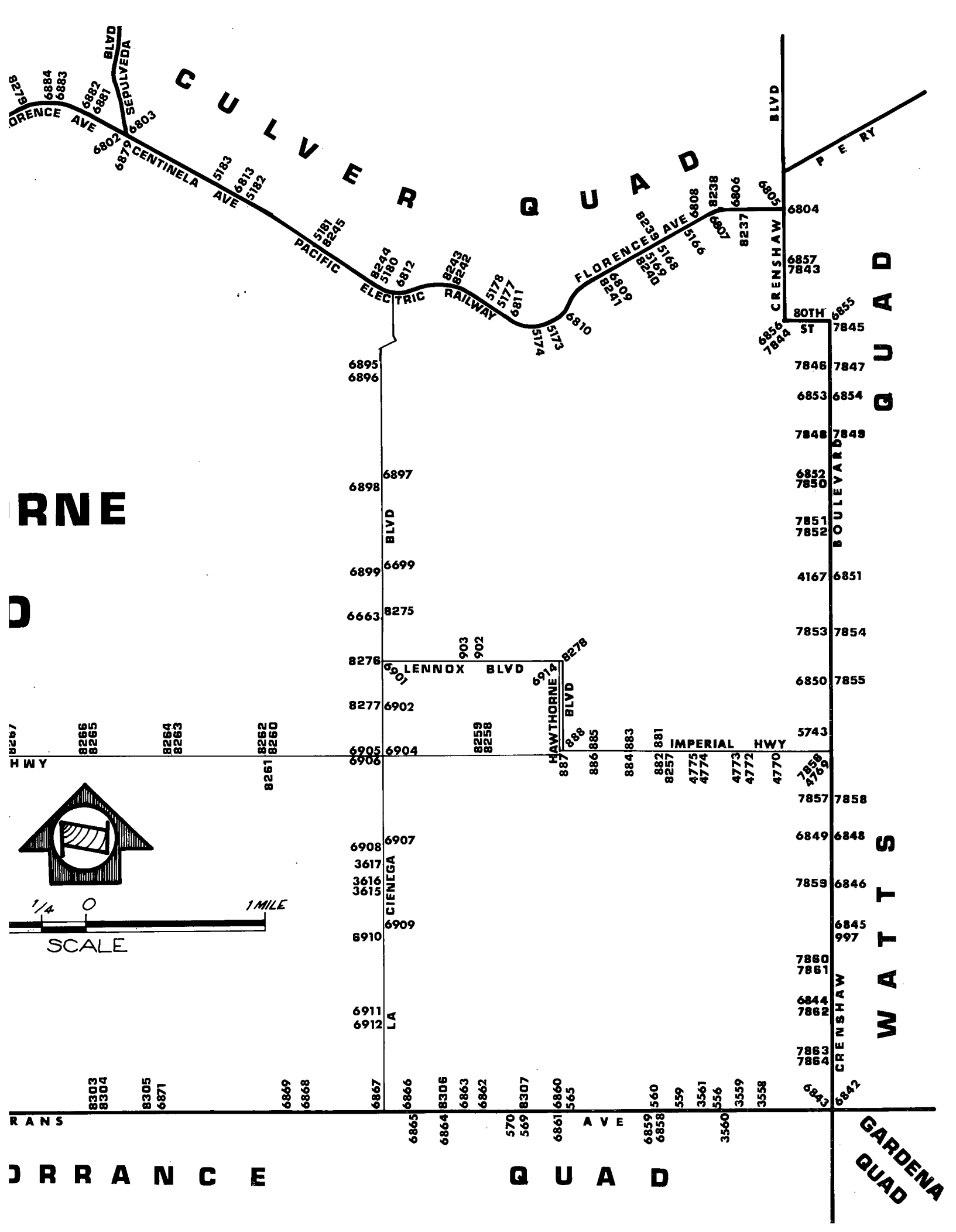
DATUM: U. S. Coast and Geodetic Survey Sea Level Datum of 1929, through the medium of the Los Angeles County Engineer Precise Level Net, 1963 Adjustment.

ABBREVIATIONS USED IN BENCH MARK LISTINGS

ABUT - - - - -	Abutment	EC - - - - -	End of Curve
ALG - - - - -	Along	ENT - - - - -	Entrance
ANG PT - - - - -	Angle Point	FL - - - - -	Floor
B/W - - - - -	Back of Walk	FTG - - - - -	Footing
BCR - - - - -	Beginning of Curb Return	F/W - - - - -	Front of Walk
BC - - - - -	Beginning of Curve	GAR - - - - -	Garage
BLDG - - - - -	Building	HDWL - - - - -	Headwall
BM - - - - -	Bench Mark	HSE - - - - -	House
BT SPK - - - - -	Boat or Bolt Spike	INT - - - - -	Intersection
BR CAP - - - - -	Brass or Bronze Cap	IP - - - - -	Iron Pipe
C B - - - - -	Catch Basin	LT - - - - -	Left
CTR - - - - -	Center	LACE - - - - -	L. A. City Engineer
C/L - - - - -	Center Line	LACS - - - - -	L. A. County Engineer
C/L INT - - - - -	Center Line Intersection	LAFC - - - - -	L. A. Co. Flood Control
C/L PROD - - - - -	Center Line Produced	L+BN - - - - -	Lead and Bench Nail
CONC - - - - -	Concrete	L+BR - - - - -	Lead and Brad
COR - - - - -	Corner	L+N - - - - -	Lead and Nail
COE - - - - -	Corps of Engineers	L+RDEM TAG - - - - -	Lead and Road Dept. Bench Mark Tag
CULV - - - - -	Culvert	L+SPK - - - - -	Lead and Spike
CB - - - - -	Curb	L+T - - - - -	Lead and Tack
CS MON - - - - -	County Engineer Monument	MCR - - - - -	Middle of Curb Return
CS BR CAP - - - - -	County Engineer Brass Cap	MKD - - - - -	Marked
CT SPK - - - - -	Cut Spike	MC - - - - -	Middle of Curve
DR - - - - -	Drive or Driveway	MON - - - - -	Monument
E/O - - - - -	East of	N/O - - - - -	North of
ECR - - - - -	End of Curb Return	NR - - - - -	Near

ABBREVIATIONS USED IN BENCH MARK LISTINGS ° ° ° CONTINUED

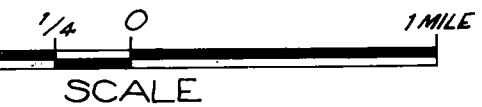
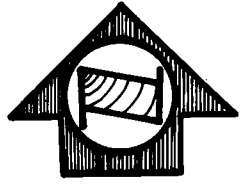
OPP - - - - - Opposite
PI - - - - - Point of Intersection
PK+W - - - - - PK Nail and Washer
P/L - - - - - Property Line
POST - - - - - Point on Semi-Tangent
PP - - - - - Power Pole
PVMT - - - - - Pavement
PROD - - - - - Produced
RD - - - - - Road
RDEM - - - - - Road Dept. Bench Mark
RR - - - - - Railroad
RT - - - - - Right
R/W - - - - - Right of Way
SDMH - - - - - Storm Drain Manhole
SMH - - - - - Sewer Manhole
SPK - - - - - Spike
ST+W - - - - - Spike Tin and Washer
S/O - - - - - South of
TP - - - - - Telephone Pole
USC+GS - - - - - U. S. Coast and Geodetic Survey
USGS - - - - - U. S. Geological Survey
WK - - - - - Walk
W/O - - - - - West of



ORANGE

D

HWY



SCALE

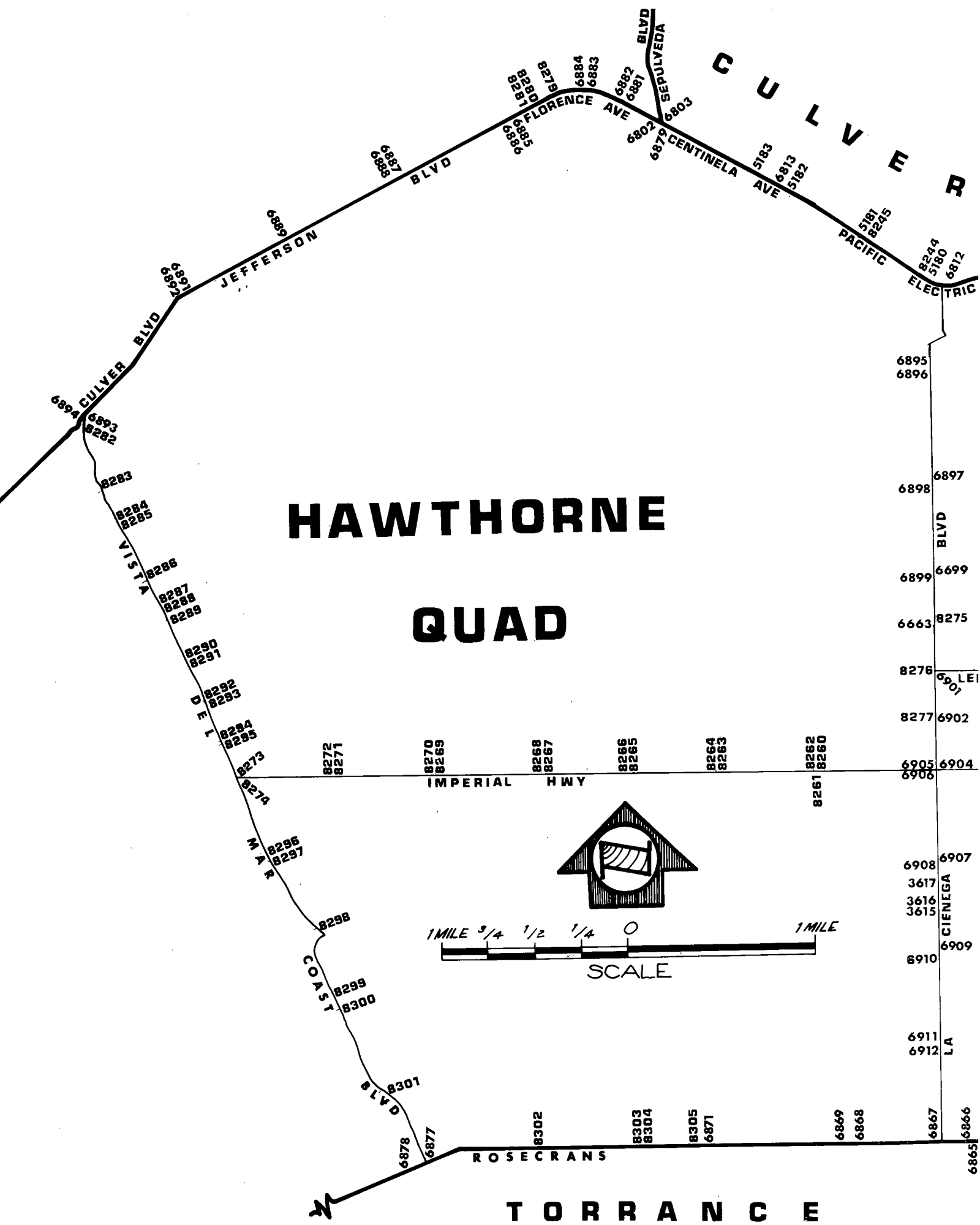
RANS

LA BARRANCE QUAD

AVENUE QUAD

GARDENA QUAD

HAWTHORNE QUAD



QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	51.281	RDBM TAG W CB 1FT± N FUTURE BCR @ NW COR ROSECRANS AVE + KORNBLUM AVE 60FT± N + 18FT± W	BY 556
BASELINE (1965)	53.928	RDBM TAG E CB 1FT± N FUTURE BCR @ NE COR ROSECRANS AVE + CORDARY AVE 71FT± N + 18FT± E	BY 559A
BASELINE (1965)	53.411	BR CAP C/L INT @ ROSECRANS AVE + PRAIRIE AVE TRI STA MKD (INGLEWOOD G-12-B)	BY 560A
BASELINE (1965)	61.897	CS MON @ C/L INT HAWTHORNE BLVD (E) + ROSECRANS AVE	BY 565A
BASELINE (1965)	72.714	CS CAD MON 4FT± W C/L MANSEL AVE 2FT± S C/L ROSECRANS AVE SUR CONT STA INGLEWOOD MKD (F-12-A)	BY 569
BASELINE (1965)	70.358	L+T CONC PVMT 9FT± S C/L ROSECRANS AVE 10FT± W FIRMONA AVE	BY 570
HAWTHRNE (1970)	68.685	CUT SPK CONC PVMT 14FT± N C/L IMPERIAL HWY 70FT± E C/L PRAIRIE AVE	BY 881
HAWTHRNE (1970)	68.763	CUT SPK CONC PAVING 14FT± S C/L IMPERIAL HWY 70FT± E C/L PRAIRIE AVE	BY 882
HAWTHRNE (1970)	69.457	CUT SPK CONC PVMT 14FT± N C/L IMPERIAL HWY 53FT± W C/L OSAGE AVE	BY 883
HAWTHRNE (1970)	69.459	CUT SPK CONC PVMT 14FT± S C/L IMPERIAL HWY 53FT± W C/L OSAGE AVE	BY 884
HAWTHRNE (1970)	68.869	L+T N CB IMPERIAL HWY 36FT± N C/L + 45FT± E C/L PROD CEDAR AVE	BY 885
HAWTHRNE (1970)	68.653	CUT SPK CONC PVMT 14FT± N C/L IMPERIAL HWY 50FT± W C/L CEDAR AVE	BY 886
HAWTHRNE (1970)	69.226	ST HWY MON IN WELL 12IN DN @ DR NR C/L INT IMPERIAL HWY + HAWTHORNE BLVD	BY 887
HAWTHRNE (1970)	69.470	RAM E CB HAWTHORNE BLVD 57FT± N BCR @ NE COR IMPERIAL HWY 100FT± N + 60FT± E C/L INT	BY 888
HAWTHRNE (1970)	75.408	L+T S END CATCH BASIN 10FT± N BCR @ NE COR LENNOX BLVD + INGLEWOOD AVE	BY 902
HAWTHRNE (1970)	75.237	L+T N END CATCH BASIN 10FT± N BCR NW COR LENNOX BLVD + INGLEWOOD AVE	BY 903
BASELINE (1965)	51.286	LAFC MON 12IN DN 50FT S C/L EL SEGUNDO BLVD + 175FT E C/L CRENSHAW BLVD ON W P/L DOMINGUEZ LAFC CHANNEL	BY 997
BASELINE (1965)	49.846	RDBM TAG IN W CB 1FT N/O BCR @ NW CORNER ROSECRANS AVE + CERISE AVE 67FT± N + 18FT± W C/L INT	BY 3558
BASELINE (1965)	50.073	CS MON IN WELL 8IN DN + 1FT± W CB IN NW COR ROSECRANS AVE + YUKON AVE 72FT± N + 19FT± W C/L INT	BY 3559
BASELINE (1965)	51.008	L+T 1FT± E BCR @ SE COR KORNBLUM AVE + ROSECRANS AVE	BY 3560A
BASELINE (1965)	52.204	RDBM TAG E CB 1FT N FUTURE BCR @ NE COR ROSECRANS AVE + DOTY AVE 66FT N + 18FT± E C/L INT	BY 3561

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
HAWTHRNE (1970)	87.756	RAM SET CTR OF CB RET @ SW COR W 124TH ST + LA CIENEGA BLVD	BY 3615
HAWTHRNE (1970)	87.264	L+BN 2FT± S BCR @ SW COR W 123RD ST + LA CIENEGA BLVD	BY 3616
HAWTHRNE (1970)	86.267	RAM SET 5FT± E BCR @ SE COR W 121ST ST + LA CIENEGA BLVD	BY 3617
BASELINE (1965)	167.344	CS MON IN WELL 2FT± BACK OF CB @ APPROX CTR OF SW CB RET CRENSHAW BLVD + CENTURY BLVD MKD (BM 27-68 1953 RE 63)	BY 4167A
BASELINE (1965)	76.587	FLT HD NAIL S CB IMPERIAL HWY 12FT± W BCR @ SW COR CRENSHAW BLVD 36FT± S + 85FT± W C/L INT	BY 4769
HAWTHRNE (1970)	67.552	L+T S CB IMPERIAL HWY C/L PROD LEMOLI AVE 36FT± S C/L IMPERIAL HWY	BY 4770
HAWTHRNE (1970)	66.959	L + T N DEPRESSED CB IMPERIAL HWY 22FT W BCR @ NW COR YUKON AVE 40FT N + 67FT W C/L INT	BY 4772
HAWTHRNE (1970)	67.762	FLT HD SPK S CB IMPERIAL HWY 6FT± W FUTURE CB RET @ SW COR YUKON AVE 36FT S + 43FT± W C/L INT	BY 4773
HAWTHRNE (1970)	67.611	L + RD HD SPK N CB IMPERIAL HWY 36FT W BCR @ NW COR DOTY AVE 40FT N + 68FT W C/L INT	BY 4774
HAWTHRNE (1970)	67.588	FL HD SPK 5FT W BCR @ SW COR DOTY AVE + IMPERIAL HWY 40FT S + 33FT W C/L INT	BY 4775
BASELINE (1965)	175.942	USC+GS MON 2IN DN 63FT NLY + 80FT WLY C/L INT FLORENCE AVE + REDONDO BLVD 12FT N/O N CB + 23FT SLY SFRR TRACK MKD V 415-1935	BY 5166
BASELINE (1965)	171.714	USC+GS DISC FLUSH 12FT± N OF N CB 70FT N C/L FLORENCE AVE + 1500FT± E PRAIRIE AVE MKD (X 415 1935)	BY 5168A
BASELINE (1965)	165.266	USC+GS DISC LIN UP 7FT± N OF N CB + 62FT± N C/L FLORENCE AVE + 2FT± E C/L PROD PRAIRIE AVE MKD (E 416 1935)	BY 5169
BASELINE (1965)	130.168	USC+GS MON 3IN UP 60FT NLY + 54FT WLY C/L INT FLORENCE AVE + LA BREA AVE MKD D 417 1935	BY 5173
BASELINE (1965)	128.771	USC+GS DISC 2IN UP 4FT± N OF N CB + 34FT N C/L FLORENCE AVE + 200FT± W C/L LA BREA AVE + 34FT± SE C/L SFRR TRACKS MKD (E 417 1935)	BY 5174
BASELINE (1965)	115.928	USC+GS DISC TOP CONC POST 30FT± E C/L IVY AVE + 28FT± N C/L SFRR TRACKS 15 FT E OF STA MKD (N 417 1935)	BY 5177
BASELINE (1965)	114.522	USC+GS DISC TOP CONC POST 163FT± E C/L EUCALYPTUS AVE + 58FT± N C/L SFRR TRACKS + 55FT± S LOADING DOCK MKD (16 1922 RESET 1946)	BY 5178
BASELINE (1965)	73.637	LACE 3/4IN HEX BAR IN WELL THORNBURN ST @ PI 477FT W C/L LA CIENEGA BLVD	BY 5180
BASELINE (1965)	83.899	LACE 3/4IN HEX BAR IN WELL @ C/L INT LA TIJERA BLVD + THORNBURN ST (TO THE E)	BY 5181
BASELINE (1965)	45.248	LACE 3/4IN HEX BAR IN WELL CENTINELA AVE @ PI 0.65MI SE SEPULVEDA BLVD 358FT SE C/L GREEN VALLEY CIRCLE	BY 5182

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	49.081	LACE 3/4IN HEX BAR IN WELL 9FT± SW C/L CENTINELA AVE 0.45MI± SE SEPULVEDA BLVD @ TOP OF A HILL	BY 5183
BASELINE (1965)	79.109	CS MON IN WELL PKWY @ NW COR CRENSHAW BLVD + 113TH ST 45FT± W + 26FT N C/L INT MKD (BM 27-70A 1960 RE 5869)	BY 5743A
HAWTHRNE (1970)	82.632	LA CITY HEX BAR MON IN WELL 16IN DN @ C/L INT LA CIENEGA BLVD + 104TH ST	BY 6663
HAWTHRNE (1970)	90.376	RDBM TAG E CB @ BCR @ NE COR LA CIENEGA BLVD + CENTURY BLVD 75FT N + 40FT E C/L INT	BY 6699
BASELINE (1965)	28.180	USC+GS BR DISC NWLY COR CONC BR @ SW COR SEPULVEDA BLVD + CENTINELA AVE 75FT S + 50FT W C/L INT MKD (M 776 RESET 1962)	BY 6802
BASELINE (1965)	28.590	CS MON FL NELY COR CONC BR 50FT ELY C/L SEPULVEDA BLVD 100FT SLY C/L CENTINELA AVE MKD (BM 28-6B)	BY 6803
BASELINE (1965)	159.236	LACE MON IN WELL 10IN DN @ C/L INT CRENSHAW BLVD + FLORENCE AVE	BY 6804A
BASELINE (1965)	158.304	WIRE SPK W CB 5FT N BCR @ NW COR CRENSHAW BLVD + FLORENCE AVE 60FT N + 38FT W C/L INT	BY 6805
BASELINE (1965)	172.807	USC+GS MON 2IN UP 20FT SLY + 77FT WLY C/L INT WEST BLVD + 71ST ST 10FT N/O N RAIL RR TRACK MKD L 415- 1935	BY 6806
BASELINE (1965)	177.985	USC+GS MON 9IN UP 325FT ELY + 43FT NLY C/L INT FLORENCE AVE + REDONDO BLVD 15FT SLY SFRR TRACK MKD S 415-1935	BY 6807A
BASELINE (1965)	179.067	USC+GS MON VERTICALLY IN SIGNAL BOX NELY COR FLORENCE AVE + REDONDO BLVD 35FT NLY + 100FT ELY C/L INT MKD (E 973 1964)	BY 6808
BASELINE (1965)	148.456	USC+GS MON 6IN UP 30FT NLY SFRR TRACK 113FT NLY FLORENCE AVE + 200FT WLY CENTINELA AVE MKD P 978-1964	BY 6809
BASELINE (1965)	130.345	USC+GS MON 3IN UP NE COR LA BREA AVE + FLORENCE AVE 150FT E + 75FT N C/L INT 6FT NLY AT+SF RR TRACK MKD (S 978 1964)	BY 6810
BASELINE (1965)	124.463	USC+GS MON 6IN UP 350FT W LA BREA AVE + 12FT N OF N CB FLORENCE AVE MKD (Z 978 1964)	BY 6811
BASELINE (1965)	76.372	CS MON FL IN C B SELY COR INDUSTRIAL AVE + LA CIENEGA BLVD 18FT SLY + 75FT ELY C/L INT MKD (BM 28-11A 1965)	BY 6812
BASELINE (1965)	45.171	LACE HEX BAR IN WELL 18IN DN 21FT W OF PI OF CENTINELA AVE 0.65MI SE SEPULVEDA BLVD 338FT SE C/L GREEN VALLEY CIRCLE	BY 6813
BASELINE (1965)	50.080	CS MON FL IN F C WALL 6FT N CB E SIDE CHANNEL 145FT N + 191FT E C/L INT ROSECRANS AVE + CRENSHAW BLVD MKD (21 11 A 1964 RE 5869)	BY 6842A
BASELINE (1965)	49.799	L+BN E CB 1FT N BCR @ NE COR CRENSHAW BL + ROSECRANS AVE 38FT E + 76FT N C/L INT MKD (BM)	BY 6843
BASELINE (1965)	45.889	CS MON IN WELL 10IN DN 60FT W C/L CRENSHAW BLVD + 6FT S C/L PROD 134TH ST MKD (BM 27-76 A 1960 RE 5869)	BY 6844

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	49.196	L+BN E CB 6FT S BCR @ NE COR EL SEGUNDO BLVD + CRENSHAW BLVD 69FT N + 40FT E C/L INT MKD (BM)	BY 6845A
BASELINE (1965)	52.708	FC MON 12IN DN 60FT E C/L CRENSHAW BLVD + 28FT N C/L PERR TRACK MKD (BM 157 FC 114-157Y)	BY 6846
BASELINE (1965)	57.651	FC MON SW COR C B ON NE COR CRENSHAW BLVD + DOMINGUEZ CHANNEL MKD (BM 114-51 1948)	BY 6848A
BASELINE (1965)	57.654	L+BN W CB 100FT N BCR @ NW COR CRENSHAW BLVD + 120TH ST 165FT N + 40FT W C/L INT NR N END C B PAINTED (BM)	BY 6849
BASELINE (1965)	91.088	CS MON IN WELL 9IN DN ON SW COR CRENSHAW BLVD + 109TH ST 19FT S + 70FT W C/L INT MKD (BM 27-69A 1960)	BY 6850
BASELINE (1965)	169.564	L+SCREW IN CHIS SQ S CB 2FT E BCR @ S COR CRENSHAW BLVD + CENTURY BLVD 38FT S C/L INT	BY 6851
BASELINE (1965)	204.604	CS MON IN WELL @ S END ISLAND 1.5FT N CB FACE @ NW COR CRENSHAW BLVD + ARBOR VITAE ST MKD (BM 27-67 1953)	BY 6852
BASELINE (1965)	214.274	CS MON IN WELL 8IN DN 1.4FT BACK OF CB FACE @ SW COR CRENSHAW BLVD + MANCHESTER BLVD 104FT S + 40FT W C/L INT MKD (BM 27-66 1953)	BY 6853
BASELINE (1965)	215.065	L+BRAD E CB 2FT S BCR @ SE COR CRENSHAW BLVD + MANCHESTER BLVD 50FT S + 38FT E C/L INT	BY 6854
BASELINE (1965)	225.042	CS MON 8IN DN @ C/L INT 81ST ST (E) + 8TH AVE	BY 6855
BASELINE (1965)	242.696	LACE MON IN CONC 2FT W OF W CB CRENSHAW BLVD + 26FT S OF S CB 80TH ST MKD (13-C)	BY 6856
BASELINE (1965)	208.156	LACE MON IN WELL 1.8FT E/O E CB @ CRENSHAW BLVD 29FT S + 60FT E C/L INT W/ 76TH ST MKD 21-P-1	BY 6857
BASELINE (1965)	53.911	CS MON IN WELL 8IN DN @ SE COR ROSECRANS AVE + PRARIE AVE 58FT S + 57FT E C/L INT	BY 6858
BASELINE (1965)	54.536	CS MON IN WELL 8IN DN @ SW COR ROSECRANS AVE + PRARIE AVE 50FT S + 63FT W C/L INT	BY 6859
BASELINE (1965)	63.517	CS MON IN WELL 10IN DN 46FT N C/L ROSECRANS AVE + 56FT W C/L HAWTHORNE BLVD E LANE MKD (INGLEWOOD F-12 RM NO 3)	BY 6860
BASELINE (1965)	63.606	CS MON IN WELL 10IN DN 41FT S C/L ROSECRANS AVE + 69FT W HAWTHORNE BLVD E LANE MKD (INGLEWOOD F-12 RM NO 4)	BY 6861
BASELINE (1965)	70.817	L+BN E CB 6FT N BCR @ NE COR ROSECRANS AVE + INGLEWOOD AVE 80FT N + 40FT E C/L INT PAINTED (21-17C)	BY 6862
BASELINE (1965)	69.718	CS MON 10IN DN @ NW COR ROSECRANS AVE + INGLEWOOD AVE 100FT N + 32FT W C/L INT MKD (BM 21-17A)	BY 6863
BASELINE (1965)	71.912	RD MON IN WELL 8IN DN @ C/L INT ROSECRANS AVE + SHOUP AVE MKD (RD 1956)	BY 6864
BASELINE (1965)	73.662	RD MON IN WELL 8IN DN @ C/L INT ROSECRANS AVE + OCEAN GATE AVE MKD (RD 1956)	BY 6865
BASELINE (1965)	73.459	L+T S CB 12FT E BCR @ SW COR ROSECRANS AVE + OCEAN GATE AVE 42FT S + 50FT W C/L INT	BY 6866

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	81.996	RD MON IN WELL 9IN DN @ C/L INT ROSECRANS AVE + HINDRY AVE MKD (RD 1959)	BY 6867
BASELINE (1965)	76.862	RD TAG S CB 1FT E BCR @ SW COR ROSECRANS AVE + AVIATION BLVD 40FT S +74FT W C/L INT	BY 6868
BASELINE (1965)	77.729	CS MON VERTICALLY IN NLY ABUT RR BR OVER ROSECRANS AVE + AVIATION BLVD 46FT NLY + 64FT WLY C/L INT MKD (8M 21-19A 1964)	BY 6869
BASELINE (1965)	114.443	CS MON IN CONC 18IN BELOW TRACKS 3FT W/DC/L SANTA FE RR + 50FT N C/L ROSECRANS AVE MKD (ING A 12 A RM 3)	BY 6871A
BASELINE (1965)	27.440	USC+GS MON IN SECOND STEP LEADING TO BEACH @ FOOT OF ROSECRANS AVE MKD (Y 614 1941)	BY 6877
BASELINE (1965)	23.723	USC+GS MON IN NEXT TO TOP STEP OF STEPS LEADING TO BEACH @ 43RD ST + THE STRAND MKD (V 767 1945)	BY 6878
BASELINE (1965)	26.180	LACE HEX ROD IN WELL 10IN DN @ C/L INT SEPULVEDA BLVD + CENTINELA AVE	BY 6879
HAWTHRNE (1970)	24.401	FLT HD SPK N CB C/L CENTINELA AVE @ PI WLY SEPULVEDA BLVD	BY 6881
HAWTHRNE (1970)	23.650	LACE HEX BAR IN WELL 10IN DN @ PI WLY CENTINELA AVE 0.18MI WLY SEPULVEDA BLVD	BY 6882
HAWTHRNE (1970)	18.458	SPK+L NLY CB 6FT ELY BCR @ NELY COR CENTINELA AVE + TEALE ST 40FT NLY + 55FT ELY C/L INT	BY 6883
HAWTHRNE (1970)	18.164	USC+GS MON FL 4FT W BCR 2FT BACK OF CB @ NWLY COR CENTINELA AVE + TEALE ST 38FT NLY + 55FT WLY C/L INT MKD (D 1054 1960)	BY 6884
HAWTHRNE (1970)	14.297	USC+GS MON IN HDWL 23FT S C/L JEFFERSON BLVD + 0.35MI WLY CENTINELA BLVD MKD (D 1054 1960)	BY 6885
HAWTHRNE (1970)	14.540	LACE MON IN WELL 8IN DN 60FT WLY REPAIR MON C/L JEFFERSON BLVD	BY 6886
HAWTHRNE (1970)	9.297	BT SPK WLY END HDWL 25FT SLY C/L JEFFERSON BLVD + 365FT WLY C/L BEETHOVEN ST	BY 6887
HAWTHRNE (1970)	9.406	USC + GS MON FL IN HDWL 25FT NLY C/L JEFFERSON BLVD + 365FT WLY C/L BEETHOVEN ST @ VENICE K 46 1962	BY 6888
HAWTHRNE (1970)	6.907	LACE MON IN WELL 8IN DN @ C/L INT JEFFERSON BLVD + LINCOLN BLVD (HEX BAR)	BY 6889
HAWTHRNE (1970)	10.302	USC+GS MON 4FT UP FACE CONC WL OF S C GAS CO MOTOR PIT DEL RAY NO 11 IN VEE OF JEFFERSON BLVD + CULVER BLVD MKD (S 977 1964)	BY 6891
HAWTHRNE (1970)	4.738	LACE MON IN WELL 8IN DN @ C/L INT JEFFERSON BLVD + CULVER BLVD	BY 6892
HAWTHRNE (1970)	19.049	USC+GS MON VERTICALLY IN BLDG 60FT SLY OF SLY CB CULVER BLVD 15FT NE OF NE CB VISTA DEL MAR MKD (P-50 1925)	BY 6893
HAWTHRNE (1970)	10.950	LACE MON FL IN WK 13FT WLY OF WLY CB CULVER PL 5FT NLY OF N CB CULVER BLVD MKD (26 M 11.64)	BY 6894
HAWTHRNE (1970)	99.747	SQ SPK N CB 12FT W BCR @ NW COR MANCHESTER BLVD + LA CIENEGA BLVD 38FT N + 68FT W C/L INT	BY 6895

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
HAWTHRNE (1970)	99.551	L+BN W CB 1FT S BCR @ SW COR MANCHESTER BLVD + LA CIENEGA BLVD 55FT S + 38FT W C/L INT MKD (BM)	BY 6896
HAWTHRNE (1970)	95.123	BT SPK N CB @ W END FRWY BR @ NE COR ARBOR VITAE ST + LA CIENEGA BLVD 35FT N + 36FT E C/L INT	BY 6897
HAWTHRNE (1970)	94.952	L+BR W CB 6FT N BCR @ SW COR LA CIENEGA BLVD + ARBOR VITAE ST 39FT S + 30FT W C/L INT	BY 6898
HAWTHRNE (1970)	89.798	LA CITY TRI MON IN WELL 10IN DN @ C/L INT LA CIENEGA BLVD + CENTURY BLVD MKD (ING G7 RESET 1963)	BY 6899
HAWTHRNE (1970)	82.625	RDBM TAG S CB 25FT E BCR @ SE COR LA CIENEGA BLVD + LENNOX BLVD 32FT S + 73FT E C/L INT	BY 6901
HAWTHRNE (1970)	79.672	LA CITY HEX BAR MON IN WELL 10IN DN @ C/L INT LA CIENEGA BLVD + 111TH ST	BY 6902
HAWTHRNE (1970)	84.913	RDBM TAG E CB 3FT N BCR @ NE COR IMPERIAL HWY + LA CIENEGA BLVD 70FT N + 40FT E C/L INT	BY 6904
HAWTHRNE (1970)	84.992	RDBM TAG N CB 2FT E BCR @ NW COR IMPERIAL HWY + LA CIENEGA BLVD 38FT N + 60FT W C/L INT	BY 6905
HAWTHRNE (1970)	85.286	USC+GS MON FL S CB 1FT W BCR @ SW COR LA CIENEGA BLVD + IMPERIAL HWY 38FT S + 76FT W C/L INT MKD (H 1654)	BY 6906
HAWTHRNE (1970)	86.276	CS MON IN WELL 10IN DN @ C/L INT LA CIENEGA BLVD + 120TH ST	BY 6907
HAWTHRNE (1970)	87.210	RAMSET S CB 1FT W BCR @ SW COR LA CIENEGA BLVD + 120TH ST 30FT S + 76FT W C/L INT	BY 6908
HAWTHRNE (1970)	88.452	RDBM TAG E CB 2FT N BCR @ NE COR LA CIENEGA BLVD + EL SEGUNDO BLVD 92FT N + 32FT E C/L INT	BY 6909
HAWTHRNE (1970)	89.038	RAMSET S CB EL SEGUNDO BLVD 42FT S + 70FT W C/L LA CIENEGA BLVD	BY 6910
HAWTHRNE (1970)	84.202	RDBM TAG E CB 1FT S BCR @ SE COR LA CIENEGA BLVD + 134TH ST 31FT S + 15FT E C/L INT	BY 6911
HAWTHRNE (1970)	83.792	RDBM TAG E CB 1FT S BCR @ SE COR LA CIENEGA BLVD + 134TH PL 33FT S + 15FT E C/L INT	BY 6912
HAWTHRNE (1970)	69.517	RAMSET W CB 3FT S BCR @ SW COR HAWTHORNE AVE + LENNOX BLVD 35FT S + 52FT W C/L INT	BY 6914
BASELINE (1965)	206.533	LACE MON IN WELL 10IN DN @ C/L INT CRENSHAW BLVD + 76TH ST	BY 7843
BASELINE (1965)	240.446	RDBM TAG 4FT E BCR 18FT N + 69FT E C/L INT CRENSHAW BLVD + 80TH ST	BY 7844
BASELINE (1965)	224.452	L + BN 2FT W BCR 18FT S + 49FT W C/L INT 8TH AVE + 80TH ST TO W	BY 7845
BASELINE (1965)	210.237	L + BR IN E CB 8TH AVE 20FT E/D C/L ON C/L PROD 84TH ST TO W	BY 7846
BASELINE (1965)	210.019	L + BR 2FT S BCR 45FT S + 20FT W C/L INT 8TH AVE + 84TH ST TO W	BY 7847
BASELINE (1965)	213.685	L + BR 4FT N BCR 83FT N + 38FT E C/L INT CRENSHAW BLVD + 90TH ST	BY 7848

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BASELINE (1965)	214.164	CITY OF INGLEWOOD TAG IN CB 38FT E C/L CRENSHAW BLVD ON C/L PROD 90TH ST TO W	BY 7849
BASELINE (1965)	206.393	L + PK 4FT N BCR 33FT N + 38FT E C/L INT CRENSHAW BLVD + ARBOR VITAE ST TO E	BY 7850
BASELINE (1965)	194.968	L + T IN W CB 2FT N BCR OF ISLE 47FT N + 38FT W C/L INT CRENSHAW BLVD + HARDY ST	BY 7851
BASELINE (1965)	194.198	L + DN IN NE COR C B 44FT S + 42FT E C/L INT CRENSHAW BLVD + HARDY ST	BY 7852
BASELINE (1965)	127.540	L + DN IN NE COR C B 68FT N + 42FT E C/L INT CRENSHAW BLVD + 104TH ST	BY 7853
BASELINE (1965)	124.792	L + BR 8FT S BCR OF ISLE 42FT S + 41FT E C/L INT CRENSHAW BLVD + 104TH ST	BY 7854
BASELINE (1965)	92.030	S + L IN E CB 10FT S + 38FT E C/L INT CRENSHAW BLVD + 109TH ST	BY 7855
BASELINE (1965)	78.353	RDBM TAG 13FT S BCR 64FT N + 40FT W C/L INT CRENSHAW BLVD + IMPERIAL HWY	BY 7856
BASELINE (1965)	70.919	L + BR IN CB 40FT E C/L CRENSHAW BLVD @ C/L PROD 116TH ST TO W	BY 7857
BASELINE (1965)	70.181	S + L IN W CB 38FT W + 68FT S C/L INT CRENSHAW BLVD + 116TH ST TO W MKD KE-6	BY 7858
BASELINE (1965)	54.044	RDBM TAG IN CONC BASE TRAFFIC LIGHT 50FT S + 41FT W C/L INT CRENSHAW BLVD + BROADWAY	BY 7859
BASELINE (1965)	49.521	LAFC BR MON FL IN NW WALL BRIDGE OVER FC CHANNEL 52FT E C/L CRENSHAW BLVD + 191FT N/D 132ND ST MKD BM 114-63 1959	BY 7860
BASELINE (1965)	46.594	L + BN IN N WALL LAFC CHANNEL 46FT W C/L CRENSHAW BLVD + 187FT N C/L 132ND ST	BY 7861
BASELINE (1965)	46.371	RDBM TAG IN W CB 8FT N + 40FT W C/L INT CRENSHAW BLVD + 134TH ST	BY 7862
BASELINE (1965)	47.270	LACS MON FL IN NE COR C B 19FT N + 65FT W C/L INT CRENSHAW BLVD + 139TH ST MKD BM 27-77A 1965	BY 7863
BASELINE (1965)	47.215	S + L IN N END C B 36FT S + 39FT W C/L INT CRENSHAW BLVD + 139TH ST	BY 7864
BASELINE (1965)	162.327	BR DISK 43FT N BCR 100FT N + 28FT E C/L INT FLORENCE AVE + WEST BLVD MKD OJA 1968 MWD	BY 8237
BASELINE (1965)	176.980	USC+GS MON 2IN UP 495FT ELY + 43FT NLY C/L INT FLORENCE AVE + REDONDO BEACH BLVD 15FT SLY SFRR TRACK MKD R415-1935	BY 8238
BASELINE (1965)	172.127	USC+GS MON N EDGE TEL M H 1475FT ELY PRAIRIE AVE + 55FT NLY C/L FLORENCE AVE MKD F 973 -1964	BY 8239
BASELINE (1965)	164.036	USC+GS MON FL IN NW COR C B 3FT NLY CB 58FT NLY + 56FT WLY C/L INT FLORENCE AVE + PRAIRIE AVE MKD K 973 - 1964	BY 8240
BASELINE (1965)	153.070	USC+GS BR DISK 1FT N CB 12FT W BCR 463FT N + 73FT W C/L INT FLORENCE AVE + CENTINELA AVE MKD N 978 - 1964	BY 8241
BASELINE (1965)	86.050	L + N 3FT N BCR 35FT NLY + 17FT ELY C/L INT HYDE PARK BLVD + GLENWAY DR	BY 8242

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	86.140	L + B 5FT NLY BCR 41FT NLY + 17FT WLY C/L INT HYDE PARK BLVD + GLENWAY DR	BY 8243
BASELINE (1965)	79.775	RAMSET 5FT WLY BCR 17FT NLY + 105FT WLY C/L INT LA CIENEGA BLVD + THORNBURN ST	BY 8244
BASELINE (1965)	84.377	L + T 0.7FT E BCR 18FT N + 58FT ELY C/L INT LA TIJERA BLVD + THORNBURN ST PAINTED 701-LA-63	BY 8245
HAWTHRNE (1970)	68.651	USC+GS MON 6FT E BCR @ NE COR IMPERIAL HWY + PRAIRIE AVE 40FT N + 62FT E C/L INT MKD P 1054 1960	BY 8257
HAWTHRNE (1970)	76.523	RDBM TAG 3FT E BCR @ NE COR IMPERIAL HWY + INGLEWOOD AVE 40FT N + 47FT E C/L INT	BY 8258
HAWTHRNE (1970)	76.829	L + BN @ NW COR IMPERIAL HWY + INGLEWOOD AVE 40FT N + 44FT W C/L INT MKD BM	BY 8259
HAWTHRNE (1970)	92.106	RD HD SPK 7FT E BCR @ NE COR IMPERIAL HWY + AVIATION BLVD 38FT N + 74FT E C/L INT	BY 8260
HAWTHRNE (1970)	92.791	RD HD SPK 6FT S BCR @ SE COR IMPERIAL HWY + AVIATION BLVD 70FT S + 35FT E C/L INT	BY 8261
HAWTHRNE (1970)	94.092	USC+GS MON FL IN DRAIN WL ON NW COR IMPERIAL HWY + AVIATION BLVD 52FT N + 103FT W C/L INT MKD L748 1945	BY 8262
HAWTHRNE (1970)	99.113	WIRE SPK 6FT E BCR @ NE COR IMPERIAL HWY + NASH ST 38FT N + 27FT E C/L INT	BY 8263
HAWTHRNE (1970)	99.129	RAM SET 38FT N C/L IMPERIAL HWY + 27FT W C/L NASH ST	BY 8264
HAWTHRNE (1970)	113.459	RD HD SPK 1FT W BCR @ SE COR IMPERIAL HWY + SEPULVEDA BLVD 38FT S + 53FT E C/L INT PAINTED BM	BY 8265
HAWTHRNE (1970)	113.098	CS REF MON IN WELL 8IN DN ON SE COR IMPERIAL HWY + SEPULVEDA BLVD 48FT S + 40FT E C/L INT MKD RM =4	BY 8266
HAWTHRNE (1970)	104.855	RDBM TAG IN WING WL 6FT S C/L IMPERIAL HWY + 37FT W CTR DR TO WEST IMPERIAL TERMINAL DR	BY 8267
HAWTHRNE (1970)	105.528	WIRE SPK HDWL 75FT N C/L IMPERIAL HWY + 38FT W C/L ENT TO WEST TERMINAL DR PAINTED 565 105.665	BY 8268
HAWTHRNE (1970)	99.696	RAM SET @ SE COR IMPERIAL HWY + PERSHING DR 42FT S + 44FT E C/L INT	BY 8269
HAWTHRNE (1970)	99.275	WIRE SPK NW COR IMPERIAL HWY + PERSHING DR 42FT N + 85FT W C/L INT	BY 8270
HAWTHRNE (1970)	91.996	WIRE SPK 40FT N C/L IMPERIAL HWY + 15FT W C/L HILLCREST ST	BY 8271
HAWTHRNE (1970)	91.901	RDBM TAG 1FT W BCR @ SW COR IMPERIAL HWY + HILLCREST ST 40FT S + 47FT W C/L INT	BY 8272
HAWTHRNE (1970)	42.917	CITY OF LA MON IN WELL 10IN DN @ C/L INT VISTA DEL MAR + IMPERIAL HWY MKD VENICE H 9 1951	BY 8273
HAWTHRNE (1970)	44.232	CT SPK IN C B NELY COR VISTA DEL MAR + IMPERIAL HWY 325 NLY + 31 ELY C/L INT	BY 8274
HAWTHRNE (1970)	83.953	L + T 7FT W BCR @ NW COR LA CIENEGA BLVD + 104TH ST 27FT N + 75FT W C/L INT	BY 8275

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HAWTHRNE (1970)	81.857	L + BRAD 42FT W C/L LA CIENEGA BLVD + 35FT S C/L LENNOX BLVD	BY 8276
HAWTHRNE (1970)	80.603	CITY OF LA BM MON FL IN C B @ SW COR LA CIENEGA BLVD + 111TH ST 50FT S + 45FT W C/L INT MKD PBM 17.12700	BY 8277
HAWTHRNE (1970)	69.856	RDBM TAG 4FT N BCR @ NW COR HAWTHORNE BLVD + LENNOX BLVD 40FT N + 58FT W C/L INT	BY 8278
HAWTHRNE (1970)	16.309	CS MON IN WELL 12IN DN @ NE COR JEFFERSON BLVD + INGLEWOOD BLVD 48FT E + 51FT N C/L INT MKD BM 28-2A 1970	BY 8279
HAWTHRNE (1970)	13.428	CITY OF LA MON IN WELL NE COR JEFFERSON BLVD + CENTINELA AVE 41FT N + 40FT E C/L INT	BY 8280
HAWTHRNE (1970)	12.799	CITY OF LA MON IN WELL @ C/L INT JEFFERSON BLVD + CENTINELA AVE MKD VENICE L 3 B	BY 8281
HAWTHRNE (1970)	10.699	CT SPK 2FT E BCR @ SE COR CULVER BLVD + VISTA DEL MAR 30FT S + 25FT E C/L INT	BY 8282
HAWTHRNE (1970)	54.689	USC + GS MON FL IN RET WL @ NELY COR VISTA DEL MAR + WATERVIEW ST 78FT ELY + 36FT NLY C/L INT MKD S767 1945	BY 8283
HAWTHRNE (1970)	50.141	WIRE SPK 20 WLY BCR @ NW COR GILLIS ST + VISTA DEL MAR 44FT WLY + 25FT NLY C/L INT	BY 8284
HAWTHRNE (1970)	54.099	CT SPK 1FT NLY BCR @ NELY COR GILLIS ST + VISTA DEL MAR 93FT NLY + 16FT ELY C/L INT	BY 8285
HAWTHRNE (1970)	46.473	CITY OF LA MON IN WELL 11IN DN @ NELY COR VISTA DEL MAR + STERRY ST 21FT NLY + 25FT ELY C/L INT	BY 8286
HAWTHRNE (1970)	53.834	WIRE SPK 20FT S C/L VISTA DEL MAR + 5FT WLY C/L CENTURY BLVD	BY 8287
HAWTHRNE (1970)	52.066	CITY OF LA MON IN WELL 9IN DN @ C/L INT VISTA DEL MAR + CENTURY BLVD	BY 8288
HAWTHRNE (1970)	49.794	USC + GS MON 3.6FT NLY OF NELY COR OF OLD LIFE GUARD STA 5.2 WLY CB VISTA DEL MAR 300FT SLY CENTURY BLVD MKD R767 1945	BY 8289
HAWTHRNE (1970)	55.904	CT SPK @ NELY COR VISTA DEL MAR + DEAUVILLE ST 75FT NLY + 30FT ELY C/L INT	BY 8290
HAWTHRNE (1970)	54.813	CITY OF LA MON IN WELL 12IN DN @ C/L INT VISTA DEL MAR + DEAUVILLE ST	BY 8291
HAWTHRNE (1970)	50.540	CITY OF LA MON IN WELL 16IN DN ON APPROX C/L VISTA DEL MAR 96FT NLY C/L INT @ HAVILAND ST MKD(VENICE)	BY 8292
HAWTHRNE (1970)	51.625	USC + GS MON FL IN C B @ NWLY COR VISTA DEL MAR + HAVILAND ST 3.4FT NLY + 67FT WLY C/L INT MKD T 767 1945	BY 8293
HAWTHRNE (1970)	49.232	CT SPK NWLY COR VISTA DEL MAR + JACQUELIN ST 30FT NLY + 66FT WLY C/L INT	BY 8294
HAWTHRNE (1970)	46.831	CITY OF LA MON IN WELL 14IN DN @ SWLY COR VISTA DEL MAR + KILGORE ST 90FT SLY + 3FT WLY C/L INT	BY 8295
HAWTHRNE (1970)	36.897	CITY OF LA MON IN WELL 11IN DN NR C/L VISTA DEL MAR IN FRONT OF HYPERION ADM BLDG	BY 8296

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HAWTHRNE (1970)	39.607	USC + GS MON IN CONC BOX 36FT ELY C/L VISTA DEL MAR IN FRONT OF HYPERION ADM BLDG	BY 8297
HAWTHRNE (1970)	36.835	WIRE SPK 1FT NLY BCR @ NELY COR VISTA DEL MAR + GRAND AVE 50FT NLY + 20FT ELY C/L INT	BY 8298
HAWTHRNE (1970)	16.393	USC + GS MON @ VISTA DEL MAR @ NE COR RETAINING WALL @ N COR OF PUMPING PLANT N/O STANDARD OIL CO REFINERY PIER MKD(NO 2 1933)	BY 8299
HAWTHRNE (1970)	13.271	USC+GS BM DISK NR SHORE END OF STANDARD OIL CO PIER IN LARGE TRIANGULAR CONC BLOCK BET TWO SALT WATER SETTLING VATS MKD R50 1925	BY 8300
HAWTHRNE (1970)	86.931	SC EDISON MON 10IN DN @ SW COR OF SC EDISON CO EL SEGUNDO GENERATING STA 74FT SELY OF NE COR GUARD BLDG 16FT ELY FIRE HYDRANT 5.8FT WLY OF W CB VISTA DEL MAR MKD(L S 2619)	BY 8301
BASELINE (1965)	114.453	CS MON IN WELL 2FT N CB FACE 44FT N C/L ROSECRANS AVE + 6FT W C/L FLOURNOY RD MKD BM 21-23A 1970	BY 8302
BASELINE (1965)	162.564	CS MON IN WELL 8IN DN 44FT N C/L ROSECRANS AVE + 61FT W C/L OAK AVE MKD BM 21-22B 1970	BY 8303
BASELINE (1965)	163.640	L + BRAD ON C/L OAK AVE + 4FT S C/L ROSECRANS AVE	BY 8304
BASELINE (1965)	116.567	CS MON IN WELL 8IN DN 44FT N C/L ROSECRANS AVE + 30FT W SANTA FE TRACK MKD BM 21-21D 1970	BY 8305
BASELINE (1965)	72.100	L + BRAD S CB ROSECRANS AVE 55FT S C/L + 5FT W C/L SHOUP AVE PROD	BY 8306
BASELINE (1965)	72.871	CS MON IN WELL 8IN DN @ SW COR ROSECRANS AVE + MANSEL AVE 60FT S + 14FT W C/L INT MKD BM 21-16A	BY 8307