Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
	Notes Date
	Indexed

F.B. 2246 Pg.

Job Description

PORTUGUESE BEND AREA-ORO1.02

Pre. Levels on special bench marks for
Levels movement study, for slipage.

NOTES RED. JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET F.B. 2246 PG. 5
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY DATE
DATE INDEXED A. C. Johnson DATE 10-5-56

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

76B420 333 8-48

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						PORTUGESE BEND AREA
						L.A.CO. PRECISE LEVEL NET
						JOB NO. 0301.02
						DREIER
						FOR ADDITIONAL ELEVATIONS SEE F.B. 2400 PAGES 163 TO 248 — OHASHI, MELENDEZ, DOVER

769420 353 8-49

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET, F.B. 2246 PG. 7
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-3-56
DATE INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 50-13	207.864				207.868	B.M. 50-13 ELEV. 207.864 FIELD ELEV.
+	3.932					PALOS VERDES DR. S., N. SIDE, ±410 FT.
⊼	211.796 ✓					E. OF CRENSHAW BLVD.
−	6.592					SEE F.B. 2400 - 22 FOR DESC.
T.P.	205.204 ✓					
+	2.107					
⊼	207.311 ✓	-2.786				
−	4.893					
T.B.M. #15	202.418 ✓				202.422	T.B.M. #15 LINE 50
+	3.148					CRENSHAW BLVD. & PALOS VERDES DRS.
⊼	205.566 ✓					N.E. COR. L.& N. IN CENTER OF
−	5.493					CULVERT HEADWALL
T.P.	200.073 ✓					
+	3.679					
⊼	203.752 ✓					
−	7.262					
T.P.	196.490 ✓					
+	3.732					
⊼	200.222 ✓					
−	6.903					
T.P.	193.319 ✓					
+	3.603					
⊼	196.922 ✓					
−	6.751					
T.P.	190.171 ✓					
+	4.934					
⊼	195.105 ✓					
−	4.703					
T.P.	190.402 ✓					

76S420 353 8-49

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JOB NO. 03102 SURVEY OF L.A. Co. PRECISE LEVEL NET.
SURVEY BY G.E. DREIER NOTES RED. DATE
NOTES BY T. OHASHI DATE 10-3-51 NOTES CHKD.
INDEXED C. Johnson DATE DATE
F.B. 2244 Pg. 8

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	190.402 ✓					
+	6.277					
=	196.679 ✓					
−	2.994					
T.P.	193.685 ✓					
+	8.408					
=	202.093 ✓					
−	4.284					
B.M. "D"	197.809 ✓					
+	6.563					L.A.Co. RD. DEPT CONST. B.M. "D" ELEV. 197.795
=	204.372 ✓					L.B. 125 - 18 S LONG SPK. & W. 1"
−	6.588					DEEP IN EDGE MAC. PAVE. STARSHELL LANE
T.P.	197.784 ✓					OPP E.C. 226+04.97 SURVEY ℄ (OLD RD.)
+	6.742					66 FT. RT. 225+21 CONST ℄
=	204.526 ✓					
−	4.047					
T.P.	200.479 ✓					
+	5.557					
=	206.036 ✓					
−	0.352					
T.P.	205.684 ✓					
+	11.979					
=	217.663 ✓					
−	0.568					
B.M. P.I.* 17	217.095 ✓					L.A.Co. RD. CONST. B.M. P.I.* 17 ELEV. 217.21
+	0.593					L.B. 86-2 CONC. MON. 12" DEEP, 142±
=	217.688 ✓					LEFT (N.) OF SURVEY ℄ STA. 219+73±
−	12.002					(CONST. ℄ 218+70±)
T.P.	205.686 ✓					NOTE. THIS MON. IS STANDARD C.S. MON.
						STAMPED P.I. # 2 R.E. 2177

765420 353 8-49

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NOTES RED. JOB NO. 03042 SURVEY OF L.A.Co. PRECISE LEVEL NET
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-3-56
DATE INDEXED C. Johnson DATE

F.B. 2246 PG. 9

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	205.686 ✓					
+	0.006					
Σ	205.692 ✓					
−	5.827					
T.P.	199.865 ✓					
+	4.811					
Σ	204.676 ✓					
−	6.234					
T.P.	198.442 ✓					
+	4.704					
Σ	203.146 ✓					
−	6.591					
T.P.	196.555 ✓					
+	4.377					
Σ	200.932 ✓					
−	6.532					
T.P.	194.400 ✓					
+	5.288					
Σ	199.688 ✓					
−	4.632					
T.P.	195.056 ✓					
+	10.335					
Σ	205.391 ✓					
−	0.613					
B.M. "C"	204.778 ✓					L.A.Co.RD DEPT. CONST. B.M. "C" ELEV. 204.75
+	0505					L.B. 125 - 184, ¾" I.P. WITH BRASS
Σ	205.283 ✓					CAP 1" DEEP APPROX ℄ STA. 2+00
−	10.222					PEPPER TREE DR. (TRANSFER OF
T.P.	195.061 ✓					U.S. 4134 y-787 1946)

76S420 353 8-49

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	195.061					
+	1.629					
π	196690 ✓					
−	2.511					
BM 34+17A	194.179 ✓				194.176	B.M. 34-17A FIELD ELEV. 194.188 PALOS VERDES DR. S., & PEPPER TREE DR. SEE F.B. 1355-44 FOR DESC.

JOB NO. 080102 SURVEY OR L.A. PRECISE LEVEL NET NOTES RED. ____ DATE ____
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-3-56 NOTES CHKD. ____ DATE ____
INDEXED C. Johnson DATE ____

F.B. 2246 PG. 10

769420 S & E-353 4-54

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NOTES RED T.O. JOB NO 130102 SURVEY OF LA. Co. PRECISE LEVEL NET
DATE 7-26-56 SURVEY BY G.E. DREIER F.B. [illegible] PG. 11
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 9-26-56
DATE _____ INDEXED K. C. Johnson DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 50-13	207.864				207.963	B.M. 50-13 ELEV. 207.864 FIELD ELEV.
+	3.944					PALOS VERDES DR. S., N. SIDE, FT. E.
⊼	211.808 ✓	2.659				OF CRENSHAW BLVD.
−	6.603					SEE F.B. 2400-22 FOR DESC.
T.P.	205.205 ✓					
+	3.837					
⊼	209.042 ✓	2.724				
−	6.561					
T.B.M. #15	202.481 ✓				202.435	T.B.M. #15 LINE #50 ELEV. 202.701
+	7.618					CRENSHAW BLVD. & PALOS VERDES DR.
⊼	210.099 ✓					N.E. COR., L &
−	2.049					
T.P.	208.050 ✓					
+	8.874					
⊼	216.924 ✓					
−	0.610					
T.B.M. #24	216.314 ✓				216.318	T.B.M. #24 LINE #50
+	11.591					CRENSHAW BLVD., FT. N. OF
⊼	227.905 ✓					PALOS VERDES DR. S., L & T IN S. END
−	0.973					OF THE EAST HEADWALL
T.P.	226.932 ✓					
+	10.892					
⊼	237.824 ✓					
−	1.711					
STA. - G-2	236.113 ✓					STA. G-2
+	1.616					
⊼	237.729 ✓					
−	10.795					
T.P.	226.934 ✓					
+	1.092					

765420 S & E-353 4-54

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LEVEL NET.
JOB NO. 0301.02 SURVEY OF L.A. COUNTY PRECISE NOTES RED
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 9-26-56 NOTES CHKD
INDEXED C. Johnson DATE

F.B. 2246 Pg. 12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
⊼	228026 ✓					
—	11.708					
T.P.	216.318 ✓					
+	0.813					
⊼	217.131 ✓					
—	11.730					
STA. J-5	205.401 ✓					STA. J-5
+	0.713					
⊼	206.114 ✓					
—	1.250					
T.P.	204.864 ✓					
+	6.891					
⊼	211.755 ✓					
—	5.070					
RADIAL #2	206.685 ✓					RADIAL - 2
+	10.603					
⊼	217.288 ✓					
—	0.662					
T.P.	216.626 ✓					
+	11.436					
⊼	228.062 ✓					
—	1.712					
STA. J-4	226.350 ✓					226.350
20FT +	5.036		22IFT + 4.313			
⊼	231.386 ✓	0.201	- 0.193			MEAN = - 0.197
221FT. -	5.237		20FT. - 4.506			
STA. J-3	226.149 53 ✓					226.153

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NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A. COUNTY PRECISE LEVEL NET
DATE _____ SURVEY BY G.F. DREES
NOTES CHKD. _____ NOTES BY T.C. JOHNSON DATE 9-26-56
DATE _____ INDEXED _____ DATE _____

F.B. 2396 PG. 13

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA J-3	226.153 ✓					
+	5.223					
=	231.376 ✓					
−	11.816					
T.P.	219.560 ✓					
+	3.713					
=	223.273 ✓					
−	7.153					
?- STA.-J-1	216.120 ✓					STA. J- MAY BE J-2 ? PIPE ON ROAD EDGE
+	2.855					
=	218.975 ✓					
−	0.680					
T.P.	218.295 ✓					
+	10.070					
=	228.365 ✓					
−	0.711					
T.P.	227.654 ✓					
+	11.262					
=	238.916 ✓					
−	0.550					
T.P.	238.366 ✓					
+	11.643					
=	250.009 ✓					
−	7.997					
STA. J-1A	242.012 ✓					STA J-1A
+	10.821					
=	252.833 ✓					
−	0.181					
T.P.	252652 ✓					
+	11.080					
	263					

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JOB NO. 0301.02 SURVEY OF L.A. COUNTY PRECISE LEVEL NET.
SURVEY BY G.E. DREIER DATE 9-27-56 NOTES RED. G.E.D.
NOTES BY T. OYASHI DATE 9-26-56 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F.B. 1224 Pg. 14

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
⊼	263.732	✓				
−	1.929					
T.P.	261.803	✓				
+	11.947					
⊼	273.750	✓				
−	1.648					
T.P.	272.102	✓				
+	11.711					
⊼	283.813	✓				
−	1.470					
T.P.	282.343	✓				
+	11.852					
⊼	294.195	✓				
−	1.974					
T.P.	292.221	✓				
+	11.236					
⊼	303.457	✓				
−	2.112					
T.P.	301.345	✓				
+	7.853					
⊼	309.198	✓				
−	3.401					
STA. BLAKESLEY	305.797	✓				STA. BLAKESLEY
+	1.107					
⊼	306.904	✓				
−	11.176					
T.P.	295.728	✓				
+	2.022					
	297.750	✓				
−	10.693					
T.P.	287.057	✓				

765420 353 8-49

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NOTES RED. G.E.D. JOB NO. 0301.02 SURVEY OF L.A. COUNTY PRECISE LEVEL NET
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY G.E. DREIER DATE 9-27-56
DATE INDEXED C. Johnson DATE

F. B. 2246 PG. 15

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	287.057 ✓					
+	4.339					
⊼	291.396 ✓					
−	5.877					
T.P.	285.519 ✓					
+	3.898					
⊼	289.417 ✓					
−	9.022					
T.P.	280.395 ✓					
+	0.246					
⊼	280.641 ✓					
−	10.200					
T.P.	270.441 ✓					
+	0.462					
⊼	270.903 ✓					
−	11.514					
T.P.	259.389 ✓					
+	0417					
⊼	259.806 ✓					
−	11.085					
T.P.	248.721 ✓					
+	0.327					
⊼	249.048 ✓					
−	11.148					
T.P.	237.900 ✓					
+	0.573					
⊼	238.473 ✓					
−	11.805					
T.P.	226.668 ✓					

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JOB NO. 030102 SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E.D. DATE 9-27-56
INDEXED E. C. Johnson DATE
NOTES RED G.E.D. DATE 9-27-56
NOTES CHKD. DATE

F.B. 2246 PG. 16

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	226.668 ✓					
+	0.929					
⋔	227.597 ✓					
−	10.555					
T.P.	217.042 ✓					
+	1.681					
⋔	218.723 ✓					
−	10.299					
T.P.	208.424 ✓					
+	0.643					
⋔	209.067 ✓					
−	10.273					
T.P.	198.794 ✓					
+	0.759					
⋔	199.553 ✓					
−	5.348					
B.M. 34-17A	194.205 ✓				194.176	B.M. 34-17A ELEV. 194.188 (FIELD ELEV.) PALOS VERDES DR. S. & PEPPERTREE LANE. C.S. MON. IN CENTER OF CENTER CURBING FT. E. OF W. END SEE F.B. 1355-44 FOR DESC.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 50-13	207.864				207.868	B.M. 50-13 ELEV. 207.864 FIELD FLG. PALOS VERDES DR. S., N. SIDE, E. OF CRENSHAW BLVD. SEE F.B. 2400-22 FOR DESC.
+	3.828					
⋀	211.692	✓				
-	6.491					
T.P.	205.201	✓				
+	3.857					
⋀	209.058	✓ 2.741				
-	6.598					
T.B.M. #15	202.460	✓			202.464	T.B.M. #15 LINE #50 CRENSHAW BLVD. & PALOS VERDES DR. S., N.E. COR., L & W. IN CENTER OF CULVERT HEADWALL
+	10.547					
⋀	213.007	✓				
-	0.357					
T.P.	212.650	✓				
+	10.548					
⋀	223.198	✓				
-	0.953					
T.P.	222.245	✓				
+	10.335					
⋀	232.580	✓				
-	0.308					
T.P.	232.272	✓				
+	10.658					
⋀	242.930	✓				
-	0.315					
T.P.	242.615	✓				
+	10.351					
⋀	252.966	✓				
-	0.385					
T.P.	252.581	✓				

NOTES RED. G.E.D. DATE 9-27-56 JOB NO. L.A.Co. PRECISE LEVEL NET
NOTES CHKD. NOTES BY G.E. DREIER DATE 9-27-56 SURVEY OF
DATE INDEXED C. Johnson DATE F.B. 2246 PG. 17

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NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____

L.A. Co. PRECISE LEVEL NET
JOB NO 4301.02 SURVEY OF _____
SURVEY BY G.E. DREIER
NOTES BY G.E.D. DATE 9-27-56
INDEXED C. Johnson DATE _____

F.B. 2246 Pg. 18

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	252.581 ✓					
+	9.315					
⊼	261.896 ✓					
−	0.194					
T.P.	261.702 ✓					
+	11.277					
⊼	272.979 ✓					
−	0.595					
T.P.	272.384 ✓					
+	11.594					
⊼	283.978 ✓					
−	1.168					
T.P.	282.810 ✓					
+	11.294					
⊼	294.104 ✓					
−	0.759					
T.P.	293.345 ✓					
+	11.762					
⊼	305.107 ✓					
−	1.772					
T.P.	303.335 ✓					
+	11.161					
⊼	314.496 ✓					
−	4.177					
STA. SHIELDS	310.319 ✓					
+	8.581					
⊼	318.900 ✓					
−	7.347					
T.P.	311.553 ✓					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	311.553	✓				
+	11.837					
⊼	323.390	✓				
−	5.199					
T.P.	318.191	✓				
+	4.150					
⊼	322.341	✓				
−	6.622					
STA. G-1	315.719	✓				
+	4.131					
⊼	319.850	✓				
−	2.103					
T.P.	317.747	✓				
+	9.992					
⊼	327.739	✓				
−	3.002					
T.P.	324.737	✓				
+	5.039					
⊼	329.776	✓				
−	7.585					
STA. A-4?	322.191	✓				
+	11.813					
⊼	334.004	✓				
−	2.139					
T.P.	331.865	✓				
+	12.002					
⊼	343.867	✓				
−	1.456					
T.P.	342.412	✓				

NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET. F.B. 224 PG. 19
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 9-28-56
DATE INDEXED C. Johnson DATE

F. B. 2246 PG. 20

JOB NO. 0301.02 SURVEY OF L.A.Co. PREC NOTES RED.
SURVEY BY G.E.DREIER DATE
NOTES BY G.E.D. DATE 9-28-56 NOTES CHKD.
INDEXED C. Johnson DATE DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	342.412					
+	10.876					
⏊	353.288					
-	2.603					
T.P.	330.685					
+	11.579					
⏊	362.264					
-	2.707					
T.P.	359.557					
+	11.048					
⏊	370.605					
-	2.044					
T.P.	368.561					
+	11.445					
⏊	380.006					
-	1.647					
T.P.	378.359					
+	11.334					
⏊	389.693					
-	0.528					
T.P.	389.165					
+	11.619					
⏊	400.784					
-	3.131					
STA. A-5	397.653					
+	11.722					
⏊	409.375					
-	0.761					
T.P.	408.614					

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 0301.2 SURVEY OF L.A.Ca PRECISE LEVEL NET F.B. 2246 PG. 21
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY G.E. DREIER DATE 9-28-56
DATE _____ INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	408.614 ✓					
+	11.655					
⊼	420269 ✓					
−	0.545					
T.P.	419.724 ✓					
+	11.538					
⊼	431 262 ✓					
−	0.894					
T.P.	430.368 ✓					
+	11,208					
⊼	441.576 ✓					
−	0.351					
T.P.	441.225 ✓					
+	11.776					
⊼	453,001 ✓					
−	1,202					
T.P.	451,799 ✓					
+	7,531					
⊼	459,330 ✓					
−	9.028					
STA F-1	450302 ✓					
+	3.658					
⊼	453.960 ✓					
−	7.572					
T.P	446.388 ✓					
+	9.373					
⊼	455.761 ✓					
−	11.376					
T.P	444.385 ✓					

766420 353 8-49

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Do not extend notes this side of this line

NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____

JOB NO. 480.102 SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 9-28-56
INDEXED [illegible] DATE [illegible]

F.B. 22.46 Pg. 22

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	444.385 ✓					
+	2.274					
⊼	446.659 ✓					
−	9.302					
T.B.M. 20	437.357 ✓					T.B.M.
+	9.224					
⊼	446.581 ✓					
−	9.288					
T.B.M. # 19	437.293 ✓					
+	9.227					
⊼	446.520 ✓					
−	1.192					
T.P.	445.328 ✓					
+	11.452					
⊼	456.780 ✓					
−	11.672					
T.P.	445.108 ✓					
+	0.305					
⊼	445.413 ✓					
−	11.082					
T.P.	434.331 ✓					
+	0.824					
⊼	435.155 ✓					435.155
−	9.219					-3.367
T.P.	425.936 ✓					431.788 RD. DEPT. CONS. B.M. ELEV. 432.23
+	0.431					
⊼	426.367 ✓					
−	7.398					
T.P.	418.969 ✓					T.P. S. RIDG. COUNTY DRAIN M.H.

768420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET F.B. 224 PG. 23
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY G.E. DREIER DATE 9-28-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	418.969 ✓					
+	2.729					
⊼	421.698 ✓					
−	10.059					
T.B.M. #21	411.639 ✓					T.B.M. #21 LINE #50
+	1.286					
⊼	412.925 ✓					
−	8.395					
STA. E-2	404.530 ✓					
+	1.092					
⊼	405.622 ✓					
−	8.223					
T.P.	397.399 ✓					
+	3.437					
⊼	400.836 ✓					
−	4.715					
STA. D-2	396.121 ✓					
+	6.045					
⊼	402.166 ✓					
−	0.439					
T.P.	401.727 ✓					
+	11.099					
⊼	412.826 ✓					
−	0.397					
T.P.	412.429 ✓					
+	11.674					
⊼	424.103 ✓					
−	0.193					
T.P.	423.910 ✓					

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 03002 SURVEY OF L.A.Co. Precise Level Net NOTES RED. DATE
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 9-28 & 10-1-56 NOTES CHKD. DATE
INDEXED K. C. Johnson DATE

F.B. 2246 PG. 24

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	423.910 ✓					
+	8.565					
⊼	432.475 ✓					
-	1.547					
T.P.	430.928 ✓					
+	7.296					
⊼	438.224 ✓					9-28-56
-	0.916					
STA. D-1	437.308 ✓					
+	11.592					
⊼	448.900 ✓					10-1-56
-	6.977					
T.P.	441.923 ✓					
+	4.487					
⊼	446.410 ✓					
-	11.076					
STA. E-1	435.334 ✓					
+	11.194					
⊼	446.528 ✓					
-	4.606					
T.P.	441.922 ✓					
+	9.354					
⊼	451.276 ✓					
-	4.855					
T.P.	446.421 ✓					
+	3.512					
⊼	449.933 ✓					
-	11.488					
STA. C-1	438.445 ✓					

768420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 03.01.02 SURVEY OF L.A.Co. Precise Level Net F.B. 3346 Pg. 25
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-1-56
DATE INDEXED E. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. C-1	438.445	✓				
+	0.525					
=	438.970	✓				
−	9.949					
T.P.	429.021	✓				
+	1.322					
=	430.343	✓				
−	5.300					
T.P.	425.043	✓				
+	6.538					
=	431.581	✓				
−	7.268					
STA. B-1	424.313	✓				
+	0.919					
=	425.232	✓				
−	11.226					
T.P.	414.006	✓				
+	0.241					
=	414.247	✓				
−	11.906					
T.P.	402.341	✓				
+	0.863					
=	403.204	✓				
−	11.215					
T.P.	391.989	✓				
+	0.514					
=	392.503	✓				
−	11.304					
T.P.	381.199	✓				

769420 353 8-49

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-1-56 NOTES CHKD.
INDEXED C. Johnson DATE DATE
F.B. 2246 PG. 26

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	381.199 ✓					
+	0.727					
∧	381.926 ✓					
−	11.704					
T.P.	370.222 ✓					
+	0.443					
∧	370.665 ✓					
−	11.199					
T.P.	359.466 ✓					
+	0.176					
∧	359.642 ✓					
−	10.529					
STA. B-2	349.113 ✓					
+	5.818					
∧	354.931 ✓					
−	4.793					
B.M. 50-12	350.138 ✓					B.M 50-12
+	1.382					CRENSHAW BLVD, 0.5 MI. N'LY FROM
∧	351.520 ✓					PALOS VERDES DR. S, SEE F.B. 2400-18
−	7.599					
T.B.M. #22	343.921 ✓					T.B.M. #22 LINE 50
+	1.953					
∧	345.874 ✓					
−	1.912					
STA. A-1	343.962 ✓					
+	1.032					
∧	344.994 ✓					
−	4.872					
STA. A-2	340.122 ✓					

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET F.B. 2246 PG. 27
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-3-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA A-2	340.122					
+	1.912					
⊼	342.034					
−	11.799					
T.P.	330.235					
+	0.553					
⊼	330.788					
−	10.084					
T.P.	320.704					
+	2.993					
⊼	323.697					
−	8.184					
T.B.M. # 23	315.513					
+	11.972					
⊼	327.485					
−	0.210					
T.P.	327.275					
+	11.709					
⊼	338.984					
−	0.195					
T.P.	338.789					
+	11.215					
⊼	350.004					
−	0.178					
T.P.	349.826					
+	11.943					
⊼	361.769					
−	0.327					
T.P.	361.442					

F. B. 2246 PG. 28

JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-3-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	361.442					
+	8.370					
BM	369.812					
−	4.531					
RADIAL 1	365.281					
+	1.610					
BM	366.891					
−	11.703					
T.P.	355.188					
+	0.419					
BM	355.607					
−	11.546					
T.P.	344.061					
+	0.445					
BM	344.506					
−	7.637					
T.P.	336.869					
+	0.670					
BM	337.539					
−	7.760					
STA. A-3	329.779					
+	10.567					
BM	340.346					
−	10.225					
STA F-3	330.121					
+	10.308					
BM	340.429					
−	0.262					
T.P.	340.167					
+	11.542					
BM	351.709					

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 0301.02 SURVEY OF LA.CO. PRECISE LEVEL NET F.B. 2246 PG. 29
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-3-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
⊼	351.709 ✓					
−	0.732					
T.P.	350.977 ✓					
+	11.985					
⊼	362.962 ✓					
−	0.799					
STA. F-Z	362.163 ✓					
+	11.457					
⊼	373.620 ✓					
−	0.215					
T.P.	373.405 ✓					
+	11.734					
⊼	385.139 ✓					
−	0.197					
T.P.	384.942 ✓					
+	11.797					
⊼	396.739 ✓					
−	0.262					
T.P.	396.477 ✓					
+	11.844					
⊼	408.321 ✓					
−	10.644					
STA A-5	397.677 ✓					SEE PAGE 20 ELEV. 397.653

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET F. B. 2246 PG. 31
Map No.	W. 030102 Tape No. St'd °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. D. Date 10-11-56
Date	Indexed [illegible] C. Johnson

OCT 24 '56

B.M. PORTUGUESE BEND NO. 1

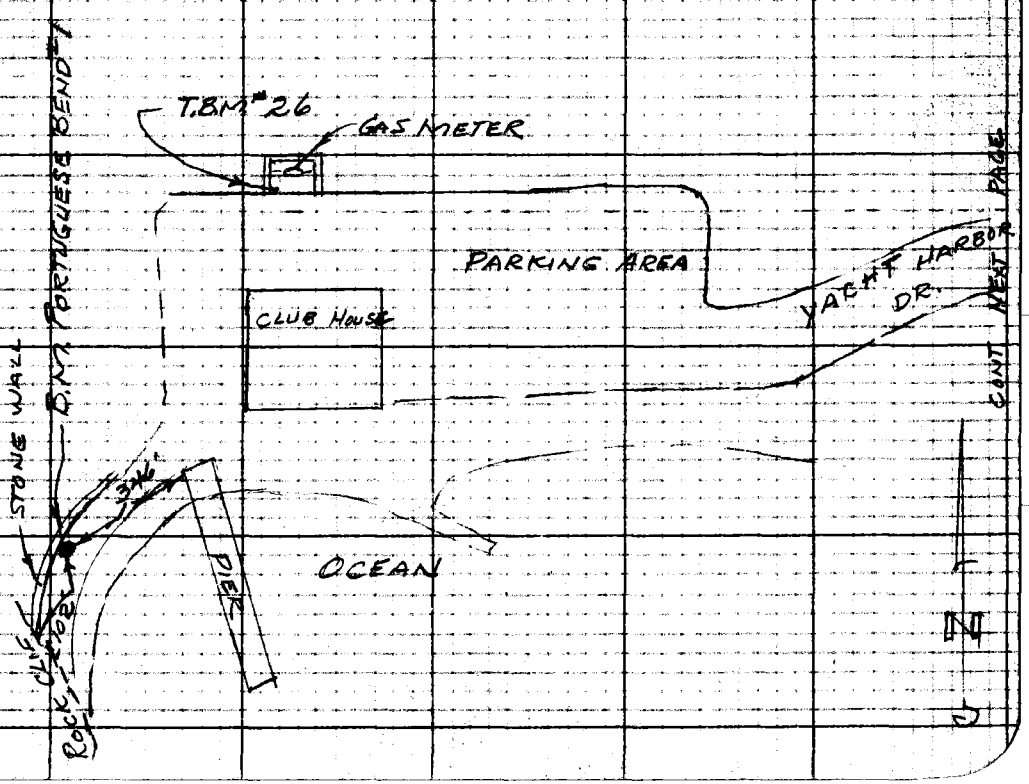
AT S.W.Ly END OF ROAD ALONG BEACH ± 346 FT. S.W. OF N.Ly END OF PIER, 1.5 FT. S.E. OF ROCK WALL, ± 102 FT N.E. OF JUNCTION OF ROCK WALL AND ROCK CLIFF.

See F.B. 2254/81-82 for sketch.

Elev. F.B. 2281/68

T.B.M. #26

AT REAR OF PORTUGUESE BEND CLUB HOUSE, SQUARE SPK STAMPED "26" IN S.W. COR OF CONC. SLAB UNDER LARGE GAS CO. METER.



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 10M 1-49

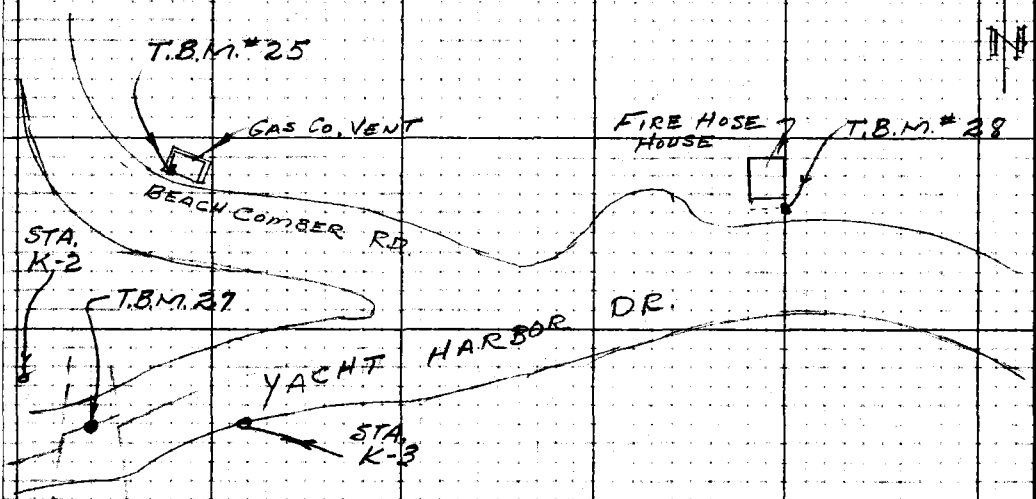
F. B. 2246 PG. 32

T.B.M. # 25

BEACHCOMBER ROAD AT BEGINNING OF CURVE TO RIGHT, (NORTH) WEST OF YACHT HARBOR DR., SQUARE SPIKE STAMPED "25" IN S.W. COR. OF CONC. GAS CO. VENT AND MANHOLE

T.B.M. # 27

YACHT HARBOR DR., W. OF BEACHCOMBER RD., B. S&W. & T., ON WHITE LINE BETWEEN TWO LARGE CRACKS IN PAVEMENT, BETWEEN STA. K-2 AND STA. K-3



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NOTES RED. _____ JOB NO. 030102 SURVEY OF L.A.Co. PRECISE LEVEL NET.
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OKASHI DATE 10-5-56
DATE _____ INDEXED C. Johnson DATE _____

F. B. 8224 Pg. 35

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 34-17A	194.188					B.M. 34-17A FIELD ELEV. 194.188 DR. PALOS VERDES DR. S. & PEPPERTREE SEE F.B. 1355-44 FOR DESC.
+	2.010					
⊼	196.198					
−	11.800					
T.P.	184.398					
+	0.296					
⊼	184.694					
−	11.303					
T.P.	173.391					
+	0.468					
⊼	173.859					
−	11.833					
T.P.	162.026					
+	0.888					
⊼	162.914					
−	11.288					
T.P.	151.626					
+	0.582					
⊼	152.208					
−	10.878					
T.P.	141.330					
+	0.882					
⊼	142.212					
-	11.334					
T.P.	130.878					
+	1.054					
⊼	131.932					T.B.M. #25 N'LY SIDE, BEACHCOMBER RD. AT BEGINNING OF BIG CURVE W. OF YACHT HARBOR DR., SO SPK STAMPED "25" AT S.W. COR OF GAS CO. INSTALLATION
−	9.411					
T.B.M. #25	122.521					

F. B. 2246 PG. 34

JOB NO. 0301.02 SURVEY OF L.A.C. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-5-56 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	122.521					
+	1.762					
X	124.283					
−	7.874					
T.P.	116.409					
+	0.672					
X	117.081					
−	9.151					
T.P.	107.930					
+	0.419					
X	108.349					
−	8.809					
T.P.	99.540					
+	1.030					
X	100.570					
−	11.909					
T.P.	88.661					
+	0.380					
X	89.041					
−	11.892					
T.P.	77.149					
+	0.679					
X	77.828					
−	11.743					
T.P.	66.085					
+	0.913					
X	66.998					
−	11.932					
T.P.	55.062					

768420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-5-56
DATE _____ INDEXED _____ C. Johnson DATE _____

F.B. 2246 PG. 35

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	55.062					
+	0.728					
=	55790					
−	10559					
T.P.	45231					
+	3.157					
=	48.388					
−	7.798					
STA. K-3	40.590					
+	1.930					
=	42.520					
−	7.580					T.B.M. #27
T.B.M. 27	34.940					SPK, W & T. ON WHITE LINE, BETWEEN
+	5.107					TWO BIG CRACKS IN PAVEMENT OF
=	40.047					MAIN DRIVE TO CLUB BETWEEN
−	6.519					K-2 & K-3
STA. K-2	33.528					
+	9.098					
=	42.626					
−	2.036					
T.P.	40.590					
+	7.833					
=	48.423					
−	3.189					
T.P.	45.234					
+	10.538					
=	55.772					
−	0.708					
T.P.	55.064					

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 030102 SURVEY OF L.A.Co. PRECISE LEVEL NET — NOTES RED. ____
SURVEY BY G.E. DREIER — DATE ____
NOTES BY T. OHASHI — DATE 10-5-56 — NOTES CHKD. ____
INDEXED A. C. Johnson — DATE ____ — DATE ____

F.B. 2246 PG. 36

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	55.064					
+	9.073					
=	64.137					
−	2.528					
T.B.M #28	61.609					T.B.M. 28 BT. SPK. IN ROCK 2.6 FT. SOUTHERLY FROM S.E. CORNER OF FIREHOSEHOUSE ON NLy SIDE OF YACHT HARBOR DR. E. OF BEACHCOMBER RD.
+	9.200					
=	70.809					
−	0.196					
T.P.	70.613					
+	11.860					
=	82.473					
−	0.389					
T.P.	82.084					
+	8.417					
=	90.501					
−	2.408					
STA. K-4	88.093					
+	11.881					
=	99.974					
−	0.251					
T.P.	99.723					
+	9.392					
=	109.115					
−	1.722					
T.P.	107.393					
+	11.628					
=	119.021					
−	0.783					
T.P.	118.238					

769420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 03.01.02 SURVEY OF L.A.Co. PRECISE LEVEL NET.
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-8-56
DATE INDEXED K.C. Johnson DATE

F. B. 2246 Pg. 37

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	118.238					
+	11.469					
=	129.707					
−	0.232					
T.P.	129.475					
+	10.181					
=	139.656					
−	3.593					
STA. K-5	136.063					
+	11.750					
=	147.813					
−	0.247					
T.P.	147.566					
+	11.335					
=	158.901					
−	0.298					
T.P.	158.603					
+	11.634					
=	170.237					
−	0.432					
T.P.	169.805					
+	11.308					
=	181.113					
−	0.236					
T.P.	180.877					
+	11.565					
=	192.442					
−	0.217					
T.P.	192.225					

769420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-8-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F.B. 2246 PG. 38

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	192.225					
+	10.031					
⋀	202.256					
−	0.249					
T.P.	202.007					
+	9.979					
⋀	211.986					
−	4.090					
B.M 50-13	207.896					B.M. 50-13 FIELD ELEV. 207.864 PALOS VERDES DR. E & CRENSHAW BLVD. SEE F.B. 2400-22 FOR DESC.
B.M. 50-13	207.864					
+	3.728					
⋀	211.592					
−	6.384					
T.P.	205.208					
+	3.827					
⋀	209.035	-2.821				
−	6.648					
T.B.M. #15	202.387					T.B.M. #15 4 LINE 50 CRENSHAW BLVD. & PALOS VERDES DR. S. N.E. COR., 4.8' N. IN CENTER OF CULVERT HEADWALL

768420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-8-56
DATE INDEXED C. Johnson DATE

F.B. 2246 PG. 39

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-3	40.590					B.M. STA. K-3 SEE F.B. 2246-33 FOR ELEV.
+	2.073					
⊼	42.663	- 5.590				
−	7.663					
T.B.M. #27	35.000					
+	4.730					
⊼	39.730	- 1.427				
−	6.157					
STA. K-2	33.573					
STA K-2	33.528					STA K-2 SEE F.B. 2246-33 FOR ELEV.
+	0370					
⊼	33.898					
−	11.608					
T.P.	22.290					
+	2.367					NOTE:- ELEVATIONS ON PAGES 39, 40 & 41 BASED ON ELEV. OF K-2 AS RUN ON 10-5-56 THUS ARE ERRONIOUS AS K-2 HAS SUNK. T.B.M. #27 WOULD BE A BETTER STABLE POINT, WILL RERUN IN NEAR FUTURE
⊼	24.657					
−	5.719					
T.P.	18.938					
+	4.289					
⊼	23.227					
−	5.747					
T.B.M. #26	17.480					T.B.M. #26 AT REAR OF PORTUGUESE BEND CLUB HOUSE, SQUARE SPK. STAMPED "26" IN S.W. COR. OF CONC. SLAB UNDER LARGE GAS Co METER
+	4.768					
⊼	22.248					
−	6.283					
T.P.	15.965					

765420 353 8-49

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JOB NO. 0301.02 SURVEY OF L.A.Co. Precise Level Net NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-8-56 NOTES CHKD.
INDEXED K. O. Johnson DATE DATE

F.B. 2246 PG. 90

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	15.965					
+	3.915					
=	19.880					
−	3.475					
T.P.	16.405					
+	0.683					
=	17.088					
−	9.491					
P.B-1	07.597					B.M. PORTUGUESE BEND #1 NEAR S.W.LY END OF ROAD ALONG BEACH ± 346 FT. S.W. OF N'LY END OF PIER, 1.5 FT S.E. OF ROCK WALL, ± 102 FT. N.E. OF JCT. OF ROCK WALL & ROCK CLIFF
+	9.396					
=	16.993					
−	0.590					
T.P.	16.403					
+	3.442					
=	19.845					
−	3.882					
T.P	15.963					
+	6.179					
=	22.142					
−	4.666					
T.P.	17.476					
+	5.807					
=	23.283					
−	4.351					
T.P.	18.932					
+	5.821					
=	24.753					
−	2.467					
T.P.	22.286					

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-8-56
DATE _____ INDEXED _____ C. Johnson DATE _____

F.B. 2246 PG. 41

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	22.286					
+	11.997					
=	34.283					
−	0.754					
STA. K-2	33.529					
+	6.372					
=	39.901					
−	4.944					
T.B.M. #27	34.957					T.B.M. #27
						SEE PAGES 35 AND 39

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. B-1	424.313 ✓					STATION B-1 FIELD ELEVATION 424.313 ✓
+	0.763					SEE F.B. 2246 PAGE 25
⊼	425.076 ✓					
−	11.086					
T.P.	413.990 ✓					
+	0.245					
⊼	414.235 ✓					
−	11.911					
T.P.	402.324 ✓					
+	0.387					
⊼	402.711 ✓					
−	10.741					
T.P.	391.970 ✓					
+	0.373					
⊼	392.343 ✓					
−	11.166					
T.P.	381.177 ✓					
+	0.358					
⊼	381.535 ✓					
−	11.467					
T.P.	370.068 ✓					
+	0.498					
⊼	370.566 ✓					
−	11.743					
T.P.	358.823 ✓					
+	0.944					
⊼	359.767 ✓					
−	10.755					
STA. B-2	349.012 ✓					

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET
DATE _____ SURVEY BY G.F. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-9-56
DATE _____ INDEXED C. Johnson DATE 10-10-56

F.B. 2246 PG. 4

769420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET NOTES RED. DATE
SURVEY BY G.E.DREIER
NOTES BY T.OHASHI DATE 10-9-56 NOTES CHKD.
INDEXED K C. Johnson DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. B-2	349.012 ✓					
+	5.976					
=	354988 ✓					
−	4.936					
B.M. 50-12	350.052 ✓					B.M. 50-12 CRENSHAW BLVD., 0.5 MI. NLY FROM PALOS VERDES DR. S.
+	1.460					
=	351.512 ✓					
−	7.605					
T.B.M. #22	343.907 ✓					
+	0.483					
=	344.390 ✓					
−	4.289					
STA. A-2	340.101 ✓					
+	5.763					
=	345.864 ✓					
−	1.946					
STA. A-1	343.918 ✓				343.918	
+	(11)452		11.307	11.263		
=	355.370	+10.789	+ 9.780	+ 9.781	+ 9.781	
−	(0)663		1.527	1.482		
STA. H-1	354.707				353.699 ✓	
+	0.461		0.425			
=	355.168	-11.140	- 11.142		- 11.141	
−	11.601		11.567			
T.P.	343.567				342.558 ✓	
+	0.252		0.866			
=	343.819	- 8.895	- 8.897		- 8.896	
−	9.147		9.763			
STA. H-2	334.672				333.662 ✓	

3246 PG. 12

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. H-2	334.672				333.662 ✓	
+	0.707		0.603	0541		
=	335.379	- 11.076	- 11.068	- 11.068	- 11.068	
−	11.783		11.671	11.609		
T.P.	323.596				322.594 ✓	
+	3.678		3.852	3.721		
=	327.274	- 6.764	- 6.771	- 6.772	- 6.772	
−	10.442		10.623	10.493		
STA. H-3	316.832				315.822 ✓	STA. H-3
+	0.597		0516			2" I.P., CONC. CENTER, R.E. 2088
=	317.429	-10.820	- 10.816		- 10.818	
−	11.417		11.332			
T.P.	306.012				305.004 ✓	
+	8.180		8.312	8.217		
=	314.192	- 3.529	- 3.519	- 3.521	- 3.520	
−	11.709		11.831	11.738		
T.P.	302.483				301.484 ✓	
+	0.283		0.247			
=	302.766	- 11.235	- 11.238		- 11.236	
−	11.518		11.485			
T.P.	291.248				290.248 ✓	
+	4.946		5077			
=	296.194	- 2.301	- 2.301		- 2.301	
−	7.247		7.378			
STA-I-3	288.947				287.947 ✓	STA. I-3
+	8.871		8.679			3/4" I.P. WITH CAP
=	297.818	+ 3.939	+ 3.937		+ 3.938	
−	4.932		4.742			
STA. I-2	292.886				291.885 ✓	STA. I-2
						2" I.P. CONC. CENTER RE 2088

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-9-56
DATE _____ INDEXED J.C. Johnson DATE _____

F.B. 2246 PG. 45

769420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A.C. PRECISE LEVEL NET NOTES RED. ____ DATE ____
SURVEY BY G.E. DREIER ____ DATE 10-9-56 NOTES CHKD. ____ DATE ____
NOTES BY T. OHASHI
INDEXED ____ DATE ____

F.B. 2246 PG. 46

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. I-2	292.886				291.885 ✓	
+	11.742		11.792			
⌅	304.628	+11.329	+11.332		+11.330	
−	0.413		0.460			
T.P.	304.215				303.215 ✓	
+	11.090		10.811	11.086		
⌅	315.305	+10.029	+10.043	+10.043	+10.043	
−	1.061		0.768	1.043		
T.P.	314.244				313.258 ✓	
+	7.951		7.718			
⌅	3221.95	+6.451	+6.447		+6.449	NOTE:- 2nd & 3rd RUNS ON 10-10-56 TO A-1
−	1.500		1.271			
STA. I-1	320.695				319.707 ✓	STA. I-1 2" I.P. CONC. CENTER
+	3.028		3.052	3.012		
⌅	323.723	-8.699	-8.706	-8.704	-8.705	
−	11.727		11.758	11.716		
T.P.	311.996				311.002 ✓	
+	0.359		0.239	0.227		
⌅	312.355	-11.272	-11.264	-11.265	-11.265	
−	11.631		11.503	11.492		
T.P.	300.724				299.737 ✓	
+	0.864		0.543			
⌅	301.588	-10.676	-10.679			
−	11.540		11.222		-10.678	
T.P.	290.048				289.059 ✓	
+	3.650		3.693	3.418		
⌅	293.698	-3.299	-3.289	-3.299	-3.299	
−	6.949		6.982	6.717		
T.P.	286.749				285.760 ✓	

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	286.749				285.760 ✓	
+	11.459		11.964			
Σ	298.208	+ 11.246	+ 11.242		+ 11.244	
−	0213		0.722			
T.P.	297.995				297.004 ✓	
+	5.370		4.847			
Σ	303.365	+ 1.646	+ 1.644		+ 1.645	
−	3.724		3.203			
T.P.	299.641				298.649 ✓	
+	10.097		10.003			
Σ	309.738	+ 7.077	+ 7.077		+ 7.077	
−	3.020		2.926			
STA. BLAKESLEY	306.718				305.726 ✓	STA. BLAKESLEY FIELD ELEV. UNADJ. 305.719 SEE F.B. 2246-14

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A.C. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-9-56
DATE _____ INDEXED _____ DATE _____ E. C. Johnson

F.B. 2246 PG. 47

768420 S & E-353 4-54

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JOB NO 0301.02 SURVEY OF L.A.Co. Precise Level Net NOTES RED
SURVEY BY G.E. DREIER DATE NOTES CHKD.
NOTES BY T. OHASHI DATE 10-10-56 DATE
INDEXED C. Tobiason DATE

F.B. 2244 Pg. 48

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm.50-13	207.864				207.968	B.M. 50-13 FIELD ELEV. 207.864 BLVD. PALOS VERDES DR. S. E. OF CRENSHAW SEE F.B. 2400-22 FOR DESC.
+	3.952					
⊼	211.816 ✓	-2.660				
−	6.612					
T.P.	205.204 ✓					
+	3.879					
⊼	209.083 ✓	2.837				
−	6.716					
T.B.M.#15	202.367 ✓				202.371	T.B.M. #15 LINE 50 CRENSHAW BLVD. & PALOS VERDES DRS. N.E. COR. 2.8 N. IN CENTER OF CULVERT HEADWALL
+	7.539					
⊼	209.906 ✓					
−	2.002					
T.P.	207.904 ✓					
+	8.949					
⊼	216.853 ✓					
−	0.703					
T.B.M.#24	216.150 ✓					
+	11.559					
⊼	227.709 ✓					
−	1.014					
T.P.	226.695 ✓					
+	10.716					
⊼	237.411 ✓					
−	1.542					
STA. G-2	235.869 ✓					
+	1.888					
⊼	237.757 ✓					
−.	11.059					
T.P.	226.698 ✓					

769420 S & E-353 4-54

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NOTES RED _____ JOB NO. C301.02 SURVEY OF L.A.C. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. HASHI DATE 10-10-56
DATE _____ INDEXED _____ C. Johnson DATE _____

F.B. 2244 Pg. 49

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	226.698 ✓					
+	1.082					
=	227.780 ✓					
−	11.619					
T.P.	216.161 ✓					
+	0.702					
=	216.863 ✓					
−	11.561					
STA. J-5	205.302 ✓					
+	0.966					
=	206.268 ✓					
−	1.480					
T.P.	204.788 ✓					
+	7.336					
=	212.124 ✓					
−	5.502					
RADIAL #2	206.622 ✓					
+	11.222					
=	217.844 ✓					
−	1.288					
T.P.	216.556 ✓					
+	11.701					
=	228.257 ✓					
−	2.034					
STA. J-4	226.223 ✓				226.223	
20 FT. +	4.643		210FT 4.218			
=	230.866 ✓	-0.213	-0.221	MEAN -0.217		
± 210 FT.	4.856		20FT 4.439			
	226.010				226.006 ✓	
STA. J-3	226.006					

765420 S & E-353 4-54

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JOB NO. 03102 SURVEY OF L.A.Co. PRECISE LEVEL NET NOTES RED.
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-10-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F.B. 2246 PG. 50

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. J-3	226.006	✓				
+	5.503					
=	231.509	✓				
−	11539					
T.P.	219.970	✓				
+	3.214					
=	223.184	✓				
−	7.211					
STA. J-1	215.973	✓				STA. J-1, 3/4" I.P. WITH CAP
+	0710					
=	216.683	✓				
−	11.929					
T.P.	204.754	✓				
+	0.377					
=	205.131	✓				
−	7320					
B.M. "D"	197.811	✓				L.A.Co. RD. CONST. B.M. "D" ELEV. 197.755 L.B. 125-185 LONG SPK & W 1" DEEP IN EDGE MAC. PAV. STARSHELL LANE OPP. E.C. 226.04 97 SURVEY ℄ (OLD ROAD), 66 FT. RT. 225+21 CONST. ℄
+	6.659					
=	204.470	✓				
−	0.309					
T.P.	204.161	✓				
+	11.868					
=	216.029	✓				
−	0.243					
T.P.	215.786	✓				
+	7.809					
=	223.595	✓				
−	6.531					
B.M. (P.I. #17)	217.064	✓				L.A.Co. RD. CONS. B.M. P.I. #17 ELEV. 217.21 L.B. 86-2, CONC. MON. 12" DEEP, 14.2± LEFT (N.) OF SURVEY ℄ STA. 210+75±

769420 S & E-353 4-54

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NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A.C. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD _____ NOTES BY T. OHASHI DATE 10-10-56
DATE _____ INDEXED A. C. Johnson DATE _____

F. B. 2246 PG. 51

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM(P.I. #17)	217.064 ✓					
+	11.445					
=	228.509 ✓					
−	0.195					
T.P.	228.314 ✓					
+	10.902					
=	239.216 ✓					
−	1.885					
T.P.	237.331 ✓					
+	5.716					
=	243.047 ✓					
−	1.200					
STA. J-1A	241.847 ✓					
+	10.908					
=	252.755 ✓					
−	0.301					
T.P.	252.454 ✓					
+	11.387					
=	263.841 ✓					
−	2.213					
T.P.	261.628 ✓					
+	11.850					
=	273.478 ✓					
−	1.433					
T.P.	272.045 ✓					
+	11.633					
=	283.678 ✓					
−	1.397					
T.P.	282.281 ✓					

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 030102 SURVEY OF L.A.Co. Precise Level Net NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-10-56 NOTES CHKD.
INDEXED A. C. Johnson DATE

F.B. 2246 Pg. 52

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	282.281 ✓					
+	11.452					
∧	293.733 ✓					
−	1.573					
T.P.	292.160 ✓					
+	11.952					
∧	304.112 ✓					
−	2.828					
T.P.	301.284 ✓					
+	7.878					
∧	309.162 ✓					
−	3.427					
STA. BLAKESLEY	305.735 ✓					
+	0.827					
∧	306.562 ✓					
−	10.913					
T.P.	295.649 ✓					
+	2.758					
∧	298.407 ✓					
−	11.268					
T.P.	287.139 ✓					
+	4.003					
∧	291.142 ✓					
−	6.117					
T.P.	285.025 ✓					
+	3.263					
∧	288.288 ✓					
−	7.924					
T.P.	280.364 ✓					

76S420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 030102 SURVEY OF L.A.Co Precise Level Net F.B. 224 Pg. 53
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-10-56
DATE _____ INDEXED H. C. Johnson DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	280.364 ✓					
+	0.271					
=	280.635 ✓					
−	10.229					
T.P.	270.406 ✓					
+	0.502					
=	270.908 ✓					
−	11.558					
T.P.	259.350 ✓					
+	0.547					
=	259.897 ✓					
−	11.218					
T.P.	248.679 ✓					
+	0.357					
=	249.036 ✓					
−	11.174					
T.P.	237.862 ✓					
+	0.773					
=	238.635 ✓					
−	12.006					
T.P.	226.629 ✓					
+	1.007					
=	227.636 ✓					
−	10.633					
T.P.	217.003 ✓					
+	1.642					
=	218.645 ✓					
−	10.266					
T.P.	208.379 ✓					

769420 353 8-49

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	208.379 ✓					
+	3.307					
⊼	211.686 ✓					
−	6.925					
BM. "C"	204.761 ✓					L.A.Co. RD. CONST. B.M. "C" ELEV. 204.75
+	0245					L.B. 125-184 3/4" I.P. WITH BRASS CAP 1"
⊼	205.006 ✓					DEEP, APPROX. ℄ STA. 2+00 PEPPERTREE
−	10.513					DR.
T.P.	194.493 ✓					
+	2.207					
⊼	196.700 ✓					
−	2.543					
BM-34-17A	194.157 ✓				194.176	B.M. 34-17A
						PALOS VERDES DR. S. & PEPPERTREE DR.
						SEE F.B. 1355-44 FOR DESC

NOTES RED. DATE
NOTES CHKD. DATE

JOB NO. 0301.02 SURVEY L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-1-56
INDEXED C. Johnson DATE

F.B. 2246 PG. 54

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 03802 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 Pg. 55
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-11-57
DATE C. Johnson DATE
INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM. 34-17A	194.188	✓				B.M. 34-17A FIELD ELEV. 194.188
+	1.597					PALOS VERDES DR. S. & PEPPERTREE DR.
=	195.785	✓				SEE F.B. 1355-44 & F.B. 2400-160 TO 250
−	11.389					
TP	184.396	✓				
+	0.671					
=	185.067	/				
−	11.675	✓				
TP	173.392					
+	0.302	✓				
=	173.694					
−	11.671	✓				
T.P.	162.023					
+	0.837	/				
=	162.860					
−	11.250	/				
T.P.	151.610					
+	0.694	/				
=	152304					
−	11.028	✓				
T.P.	141.276					
+	1.090	/				
=	142.366					
−	11.493	/				
T.P.	130.873					
+	0.540	/				
=	131.413					
−	8.883					
T.	122530	✓				

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

F.B. 2246 Pg. 56

JOB NO. 33102 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED. _____ DATE _____

SURVEY BY G. DREIER

NOTES BY T. OHASHI DATE 10-11-56 NOTES CHKD. _____ DATE _____

INDEXED E. C. Johnson DATE _____

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #25	122.530	✓				
+	1.732	✓				
=	124.262	✓				
−	7.850	✓				
T.P.	116.412	✓				
+	0.668	✓				
=	117.080	✓				
−	9.134					
T.P.	107.946	✓				
+	0.322	✓				
=	108.268	✓				
−	8.798					
T.P.	99.470	✓				
+	1.047	✓				
=	100.517	✓				
−	11.908					
T.P.	88.609	✓				
+	0.319	✓				
=	88.928	✓				
−	11.824	✓				
T.P.	77.104	✓				
+	0.900	✓				
=	78.004	✓				
−	11.941	✓				
T.P.	66.063	✓				
+	0.929	✓				
=	66.992	✓				
−	11.965	✓				
T.P.	55.027	✓				

76S420 353 8-49

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	55.027	✓				
+	0.729					
⊼	55.756	✓				
−	10.648					
T.P.	45.108	✓				
+	3.193					
⊼	48.301	✓				
−	7.832					
STA. K-3	40.469	✓				
+	2231					
⊼	42.700	✓				
−	7771					
TBM. #27	34.929	✓				T.B.M. #27
+	3054					SEE F.B. 2400-32
⊼	37.983	✓				
−	4.494					
STA. K-2	33.489	✓				
+	0505					
⊼	33.994	✓				
−	11.737					
T.P.	22.257	✓				
+	2430					
⊼	24.687	✓				
−	5786					
T.P.	18.901	✓				
+	4368					
⊼	23.269	✓				
−	5835					
TBM #26	17.434	✓				

NOTES RED. _____ JOB NO. 0301074 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 57
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-11-56
DATE _____ INDEXED K. C. Johnson DATE _____

768420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 030.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-11-56
INDEXED DATE
F.B. 2246 PG. 58

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. #26	17.434	✓				
+	4.557					
Σ	21.991	✓				
−	6.072					
T.P.	15.919	✓				
+	3.883					
Σ	19.802	✓				
−	3.459					
T.P.	16.343	✓				
+	1.618					
Σ	17.961	✓				
−	10.428					
P.B. #1	7.533	✓				PORTUGUESE BEND #1
+	10.341					
Σ	17.880	✓				
−	1.537					
TP	16.343	✓				
+	3.443					
Σ	19.786	✓				
−	3.867					
T.P.	15.919	✓				
+	6.047					
Σ	21.966	✓				
−	4.531					
T.P.	17.435	✓				
+	5.820					
Σ	23.255	✓				
−	4.357					
T.P.	18.898	✓				

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 PG. 59
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. HASHI DATE 10-11-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	18.898	✓				
+	5.793					
=	24.691	✓				
−	2.440					
T.P.	22.251	✓				
+	11.738					
=	33.989	✓				
−	0511					
T.P.	33.478	✓				
+	4573					
=	38.051	✓				
−	3.132					
T.P.	34.919	✓				
+	7.813					
=	42.732	✓				
−	2.277					
T.P	40.455	✓				
+	7.892					
=	48.347	✓				
−	3.252					
T.P	45.095	✓				
+	10.620					
=	55.715	✓				
−	0697					
T.P.	55.018	✓				
+	9.380					
=	64.398	✓				
−	2.802					
T.B.M. #28	61.596	✓				T.B.M. #28 see F.B. 2400-32

765420 353 8-49

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JOB NO. 030102 SURVEY OF A.C.O. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-11-56
INDEXED A. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2246 PG. 60

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #28	61.596	✓				
+	9.330					
Σ	70.926	✓				
−	0.350					
T.P.	70.576	✓				
+	11.923					
Σ	82.499	✓				
−	0.443					
T.P.	82.056	✓				
+	8.426					
Σ	90.482	✓				
−	2.431					
STA. K-4	88.051	✓				
+	11.957					
Σ	100.008	✓				
−	0.295					
T.P.	99.713	✓				
+	9.177					
Σ	108.890	✓				
−	1.507					
T.P.	107.383	✓				
+	11.147					
Σ	118.530	✓				
−	0302					
T.P.	118.228	✓				
+	11.614					
Σ	129.842	✓				
−	0.372					
TP	129.470	✓				

769420 353 8-49

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NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 61
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-11-56
DATE INDEXED K. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	129.470					
+	10.367					
=	139837					
−	3.783					
STA. K-5	136.054					
+	11.813					
=	147.867					
−	0.310					
T.P.	147.557					
+	11.453					
=	159.010					
−	0.416					
T.P.	158.594					
+	11.671					
=	170.265					
−	0.469					
T.P.	169.796					
+	11.639					
=	181.435					
−	0.571					
T.P.	180.864					
+	11.675					
=	192.539					
−	0330					
T.P.	192.209					
+	10.312					
=	202.521					
−	0.528					
T.P.	201.993					

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. DATE
NOTES CHKD. DATE

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER T. OHASHI DATE 10-11-56
NOTES BY A. C. Johnson DATE
INDEXED DATE

F.B. 2246 PG. 62

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	201.993	✓				
+	9.991					
=	211.984	✓				10-11-56
−	4.100	✓				10-15-56
B.M. 50-13	207.884 (207.864)					B.M. 50-13 UNADJ. FIELD ELEV. 207.864 BLVD.
+	3.979	✓				PALOS VERDES DR. S. E. OF CRENSHAW
=	211.843	✓				SEE F.B. 2400-22 FOR DESC.
−	6.647	✓				
T.P.	205.196	✓				
+	3.710					
=	208.906	✓				
−	6.581	✓				
T.B.M. #15	202.325	✓				T.B.M. #15 LINE 50
+	11.707	✓				CRENSHAW BLVD. & PALOS VERDES DR. S.
=	214.032	✓				N.E. COR., L & N. IN CENTER OF
−	1.392	✓				CULVERT HEAD WALL
T.P.	212.640	✓				
+	10.759					
=	223.399	✓				
−	1.158	✓				
T.P.	222.241	✓				
+	11.956					
=	234.197	✓				
−	0.545	✓				
TP	233.652	✓				
+	11.578					
=	245.230	✓				
−	0.257	✓				
T.P.	244.973	✓				

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 031201 SURVEY by L.A. CO. PRECISE LEVEL NET F.B. 22246 PG. 63
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHUSHI DATE 10-15-52
DATE INDEXED R. C. Johnson DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	244.973	✓				
+	9.497	✓				
K	254.470					
−	2.002	✓				
TP	252.468					
+	10.531	✓				
K	262.999	✓				
−	0256	✓				
T.P.	262.743					
+	10597	✓				
K	273.340					
−	1.078	✓				
T.P.	272.262					
+	11.068	✓				
K	283.330					
−	0.598	✓				
T.P.	282.732					
+	10.684	✓				
K	293.416					
−	0363	✓				
T.P.	293.053					
+	11.936	✓				
K	304.989	✓				
−	0.893	✓				
T.P.	304.096					
+	11.198	✓				
K	315.294					
−	4.976	✓				
STA. SHEILDS	310.318					

F.B. 3286 Pg. 64

JOB NO. 038402 SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 10-15-56

INDEXED E. C. Johnson DATE

NOTES RED. DATE

NOTES CHKD. DATE

765420 353 8-49

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	310.318					
+	7651					
X	317.969					
-	6.473					
T.P.	311.496					
+	11.403					
X	322.899					
-	4.697					
T.P.	318.202					
+	4.129					
X	322.331					
-	6.611					
STA. G1						
+	315.720					
X	4.320					
-	320.040					
T.P.	2.292					
+	317.748					
X	10.073					
-	327.821					
T.P.	3.082					
+	324.739					
X	5.133					
-	329.872					
STA. A-4	7.681					
+	322.191					
X	11.839					
-	334.030					
T.P.	4.100					
	329.930					

769420 353 8-49

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P	329.930	✓									
+	5.809	✓									
⊼	335.739										
−	5869	✓									
STA. F-3	329.870										
+	6.222	✓									
⊼	336.092										
−	0.493	✓									
T.P	335.599										
+	11.650	✓									
⊼	347.249										
−	0.445	✓									
T.P	346.804										
+	11610	✓									
⊼	358.414										
−	0.603	✓									
T.P	357.811										
+	7843	✓									
⊼	365.654										
−	3.513	✓									
STA. F-2	362.141										
+	11.780	✓									
⊼	373.921										
−	0.540	✓									
T.P.	373.381										
+	11.963	✓									
⊼	385.344										
−	0.428	✓									
T.P.	384916										

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-15-56
DATE _____ INDEXED C. Johnson DATE

F.B. 2246 PG. 65

765420 353 8-49

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NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____

F. B. 2246 PG. 66

JOB NO. 03082 SURVEY OF L.A.Co. PRECISE LEVELNET
SURVEY BY G.E. DREIER
NOTES BY I. OHASHI DATE 10-15-56
INDEXED K. C. Johnson DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	384.916	✓				
+	11.972					
Σ	396.888	✓				
−	0.318					
T.P	396570	✓				
+	11.911					
Σ	408.481	✓				
−	10.840					
STA A-5	397.641	✓				
+	11.928					
Σ	409.569	✓				
−	0.967					
T.P.	408.602	✓				
+	11.493					
Σ	420.095	✓				
−	0382					
TP	419.713	✓				
+	11612					
Σ	431325	✓				
−	6.967					
T.P.	430.358	✓				
+	11.804					
Σ	442162	✓				
−	0.944					
T.P.	441.218	✓				
+	11.621					
Σ	452.839	✓				
−	1.058					
T.P.	451.781	✓				

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. _____ JOB NO. 03201.02 SURVEY L.A. CO. PRECISE LEVEL NET F.B. 2246 Pg. 67
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-15-56
DATE _____ INDEXED _____ C. J. [illegible] DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	451.781	✓				
+	7.091					
=	458.872	✓				
−	8583	✓				
STA. F-1	450.289					
+	3.900					
=	454.189	✓				
−	7.813					
T.P.	446.376	✓				
+	8393					
=	454.769	✓				
−	10.397	✓				
T.P.	444.372					
+	2.935	✓				
=	447.307	✓				
−	9.963					
T.B.M. #20	437.344	✓				
+	9.844					
=	447.188	✓				
−	9.908	✓				
T.B.M. #19	437.280					
+	10.038	✓				
=	447.318					
−	2.006	✓				
T.P.	445.312					
+	9.971					
=	455.283	✓				
−	11.833	✓				
T.P.	443.450					

765420 353 3-51

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREIER DATE NOTES CHKD.
NOTES BY T. OHASHI DATE 10-25-56 DATE
INDEXED K. C. Johnson DATE

F.B. 2216 Pg. 68

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	443.450	✓				
+	031.2	✓				
=	443.762					
−	11.992	✓				
B.M.	431.770	✓				B.M. L.A.Co. Rd. Construction Elev. 432.23
+	1621	✓				
=	433.391					
−	4.630	✓				
T.P.	428.761	✓				
+	10812	✓				
=	439.573					
−	4.247	✓				
STA. E-1	435.326	✓				
+	3293	✓				
=	438.619					
−	11861	✓				
T.P.	426.758	✓				
+	.0788	✓				
=	427.546					
−	8.665	✓				
T.P.	418.881	✓				South Rim of Drain Manhole
+	1.605	✓				
=	420.486					
−	9.268	✓				
T.B.M. #21	411.218	✓				
+	1.133	✓				
=	412.351					
−	8583	✓				
STA. E-2	403.768	✓				

766420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 69
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-15-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM. E-2	403.768	✓				
+	1.150					
=	404.918	✓				
−	9.203					
STA. D-2	395.715	✓				
+	6.252					
=	401.967	✓				
−	0520					
T.P.	401.447	✓				
+	11.222					
=	412.669	✓				
−	0.276					
T.P.	412.393	✓				
+	11.663					
=	424.056	✓				
−	0.273					
T.P.	423.783	✓				
+	9.399					
=	433.182	✓				
−	2.287					
T.P.	430.895	✓				
+	7.477					
=	438.372	✓				
−	1.079					
STA D-1	437.293	✓				
+	5.742					
=	443.035	✓				
−	46.33					
STA. C-1	438.402	✓				

10-15-56
10-16-56

F. B. 2246 PG. 70

JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.

SURVEY BY G.E. DREIER DATE NOTES CHKD.

NOTES BY T. OHASHI DATE 10-16-56 INDEXED A. C. Johnson DATE DATE

765420 353 8-49

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. C-1	438.402					
+	0.263					
T	438665					
-	9683					
T.P.	428982					
+	1.667					
T	430.649					
-	5676					
T.P.	424.973					
+	6650					
T	431.623					
-	7372					
STA. B-1	424.251					
+	0.938					
T	425.189					
-	11.267					
T.P.	413.928					
+	0.194					
T	414.122					
-	11.863					
T.P.	402.259					
+	0.478					
T	402.737					
-	10.828					
T.P.	391.909					
+	0.513					
T	392.422					
-	11.306					
T.P.	381.116					

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 2246 PG. 71
DATE SURVEY BY G.E. DREYER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-16-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	381.116	✓				
+	0.418					
⊼	381.534	✓				
−	11.628					
T.P.	369.906	✓				
+	0.696					
⊼	370602	✓				
−	11.916					
T.P.	358.686	✓				
+	0.498					
⊼	359184	✓				
−	10287					
STA. B-2	348.897	✓				
+	5.720					
⊼	354.617	✓				
−	4.667					
BM-50-12	349.950	✓				BM. 50-12
+	1.627					CRENSHAW BLVD. E. SIDE 0.3 N.
⊼	351.577	✓				OF PALOS VERDES DR. S, SEE F.B.
−	7.714					2400 - 20 FOR DESC.
T.B.M. #22	343.863	✓				
+	0.363	✓	0.783			
⊼	344.226	-3.817	-3.813	✓		
−	4.180		4.596			
STA. A-2	340.046	✓			340.048	
+	1.748	✓	1.830			
⊼	341.794	-9.906	-9.907	✓		NOTE - PAGES 71, 72 & 73 RERUN
−	11654	✓	11.737			TO LOCATE ERROR OF 0.100'
T.P.	330.140				330.142	

76S420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

L. A. CO. PRECISE LEVEL NET

JOB NO. 03102 SURVEY OF G.E. DREIER NOTES RED. DATE
SURVEY BY T. OHASHI DATE 10-16-56 NOTES CHKD. DATE
NOTES BY C. Johnson DATE
INDEXED DATE

F.B. 2216 PG. 72

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	330.140				330.142	1.838
+	0580	/	0.714			
=	330.720	-9.521	-9.519	✓		- 11.737
−	10.101		10.233			
T.P.	320.619				320.622	
+	4929	✓	0.726	✓		
=	325.548	-5.218	-5.219			
−	10147		5.945			
T.B.M. #23.	315.401				315.404	
+	11.993	/	11.994	11.949		
=	327.394	+11.728	+11.734	+11.732	✓	
−	0.265		0.260	0.217		
T.P.	327.829				327.135	
+	11.962	/	11.871	✓		
=	339.791	+11.630	+11.626			
−	0.332		0245			
T.P.	338.459				338.763	
+	11.930	/	11.413			
=	350.389	+10.913	+10.916	✓		
−	1.017		0.497			
T.P.	349.872				349.677	
+	11.592	/	11.522	11.692		
=	361.464	+9.155	+9.150	+9.153	✓	
−	2.437		2372	2539		
T.P.	358.727				358.830	
+	10.542	/	10.424	✓		
=	369.269	+6.355	+6.357			
−	4.187		4.067			
RADIAL #1	365.082				365.186	

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. DATE
NOTES CHKD. DATE
INDEXED DATE

L. A. CO. PRECISE LEVEL NET — F.B. 2246 PG. 73

JOB NO. 030102 SURVEY OF
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-16-56
A. C. Johnson

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
RADIAL #1	365.082				365.186	
+	1.783		1.827			
=	366.865	-10.103	-10.103			
−	11.886		11.930			
T.P.	354.979				355.083	
+	0.279		0659	0.612		0.637
=	355.258	-11.140	-11.134	-11.130		-11.131
−	11.419		11.793	11.742		11.768
T.P.	343.839				343.949	
+	0.431		0506			
=	344.270	-7.202	-7.204			
−	7.633		7.710			
T.P.	336.637				336.746	
+	07.12		0.593	0.689		
=	337.349	-7.129	-7.123	-7.125		
−	7.841		7.716	7.814		
STA. A-3	329.508				329.620	
+	10.631		11251	11098		
=	340.239	+0.214	+0.209	0.211		
−	10.417		11.042	10.887		
STA. F-3	329.822				329,828	
+	5.711		5.703	5.647		5678
=	335.533	+0.072	+0.084	+0.078		+0.076
−	5.639		5.619	5569		5.602
T.P.	329.894				329,906	
+	3.969		3.935			
=	333.863	-7.735	-7.737		-	
−	11.704		11.672			
STA. A-4	322.059				322.170	STA. A-4 ELEV. PER PAGE 64 322.191 322.159 ,032

769420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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L.A. CO. PRECISE LEVEL NET

JOB NO. 0330.22 SURVEY OF
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-16-56
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2246 PG. 74

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. #22	343.863	✓				T.B.M. 22 SEE PAGE 71 FOR RECENT ELEV.
+	1.824					
=	345.687	✓				
−	1.822					
STA. A-1	343.865	✓				
+	10.057					
=	353.922	✓				
−	0.269					
STA. H-1	353.653	✓				
+	0.439					
=	354.092	✓				
−	11.594					
T.P.	342.498	✓				
+	0.782					
=	343.280	✓				
−	9.703					
STA. H-2	333.577	✓				
+	0.741					
=	334.318	✓				
−	11.783					
T.P.	322.535	✓				
+	4.102					
=	326.637	✓				
−	10.918					
STA. H-3	315.719	✓				STA - H-3
+	0.782					2" I.P. CONC CENTER RE. 2088
=	316.501	✓				
−	11.587					
T.P.	304.914	✓				

769420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 2301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 2246 PG. 75
DATE SURVEY BY G. E. DREIER DATE
NOTES CHKD. NOTES BY T. OHASHI DATE 10-16-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	304.914	✓				
+	8235					
=	313.149	✓				
−	11.718					
T.P.	301.431	✓				
+	0219					
=	301.650	✓				
−	11.474					
T.P.	290.176	✓				
+	5.054					
=	295.230	✓				
−	7.325					
STA. - I-3	287.905	✓				
+	8.891					
=	296.796	✓				
−	4.987					
STA. I-2	291.809	✓				
+	11.911					
=	303.720	✓				
−	0.568					
T.P.	303.152	✓				
+	11.526					
=	314.678	✓				
−	1.462					
T.P.	313.216	✓				
+	7.664					
=	320.880	✓				
−	1.212					
STA. I-1	319.668	✓				

768420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

L.A. CO. PRECISE LEVEL NET — NOTES RED. — DATE

JOB NO. 030102 SURVEY OF — SURVEY BY: G. E. DREIER — NOTES BY: T. OHASHI — DATE 10-16-56 — INDEXED: C. Johnson — DATE — NOTES CHKD. — DATE

F.B. 2246 Pg. 76

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. – I–1	819.668					
+	3 2.247					
=	821.915					
–	3 11610					
T.P.	810.305					
+	3 0657					
=	810.962					
–	2 11.280					
T.P.	799.682					
+	3 0480					
=	800162					
–	2 11.145					
T.P.	789.017					
+	2 3420					
=	792.437					
–	2 6691					
T.P.	785.746					
+	2 11.712					
=	797.458					
–	2 0.482					
T.P.	796.976					
+	3 4.816					
=	801.792					
–	3 0.578					
T.P.	801.214					
+	3 4.692					
=	805.906					
–	3 0.202					
BLAKSELEY	805.704					

76S420 353 8-49

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM. 50-13	207.868	✓				B.M. 50-13 OFFICE ADJ. ELEV. 207.868
+	3.960	✓				PALOS VERDES DR. S, E. OF CRENSHAW
⊼	211.828	-2.662				BLVD. SEE F.B. 2400-22 FOR DESC.
−	6622	✓				
TP.	205.206	✓				
+	3.764	✓				
⊼	208.970	✓				
−	6657	✓				
T.B.M. #15	202.313	✓				T.B.M. #15 LINE 50
+	7.598	✓				CRENSHAW BLVD. & PALOS VERDES DR. S
⊼	209.911	✓				N. E. COR, L. & N. IN CENTER OF
−	2043	✓				CULVERT HEADWALL
T.P.	207.868	✓				
+	8.859	✓				
⊼	216.727	✓				
−	0658	✓				
T.B.M. #24	216.069	✓				
+	11.489	✓				
⊼	227.558	✓				
−	0.985	✓				
T.P.	226.573	✓				
+	10.807	✓				
⊼	237.380	✓				
−	1634	✓				
STA. G-2	235.746	✓				
+	1.687	✓				
⊼	237.433	✓				
−	10.860	✓				
T.P.	226573	✓				

NOTES RED. ____ JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
DATE ____ SURVEY BY G. E. DREIER
NOTES CHKD. ____ NOTES BY T. OHASHI DATE 10-17-56
DATE ____ INDEXED C. Johnson DATE ____

F.B. 2246 PG. 77

768420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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L.A. CO. PRECISE LEVEL NET — NOTES RED. — DATE
JOB NO. 030102 SURVEY OF — NOTES CHKD. — DATE
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-17-56
INDEXED A. C. Johnson DATE
F.B. 2246 Pg. 78

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	226.573					
+	1.008	(USE) 1.0506	1067			
=	227.581		10501			
−	11.514		11.568			
T.P.	216.067					
+	1.019					
=	217.086					
−	11.852					
STA. J-5	205.234					
+	1.173					
=	206.407					
−	1.680					
T.P.	204.727					
+	8.148					
=	212.875					
−	6.309					
RADIAL #2	206.566					
+	11.163					
=	217.729					
−	1.232					
T.P.	216.497					
+	11422					
=	227.919					
−	1787					
STA. J-4	226.132					226.132
18 FT. +	4837	223 FT 4.102				
=	230.969	-0.234	0.220			MEAN - 0.227
223 FT −	5.071	18 FT	4.322			
STA-J-3	~~225.898~~ 225.905					225.905

765420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 830402 SURVEY OF L. A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY G. E. DREIER F. B. 2246 PG. 79
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-17-56
DATE _____ INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. J-3	225.905	✓				
+	5.882					
Σ	231.787	✓				
−	11.917					
T.P.	219.870	✓				
+	3.423					
Σ	223293	✓				
−	7415					
STA. J-1	215.878	✓				
+	0.767					
Σ	216645	✓				
−	11.953					
T.P.	204.692	✓				
+	0.783					
Σ	205475	✓				
−	7.666					
BM - "D"	197.809	✓				BM "D" L.A.Co. RD. DEPT. CONST. ELEV. 197.755 BOAT SAL & W 1" DEEP IN MAC. PAV. STARSHELL LANE, OPP. E.C. 226+04.97 SURVEY ℄ (OLD RD.) 66 FT. RT., (S.) 225+21 CONST. ℄
+	6.628					
Σ	204437	✓				
−	0331	✓				
T.P.	204106					
+	11.956					
Σ	216.062	✓				
−	0331					
T.P.	215.731	✓				
+	10.128					
Σ	225.859	✓				
−	8.847					
P.I. #17	217.012	✓				

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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L.A. CO. PRECISE LEVEL NET

JOB NO. 030102 SURVEY OF
SURVEY BY G. E. DREHER DATE
NOTES BY T. OHASHI DATE 10-17-56
INDEXED K. C. Johnson DATE
NOTES RED.
NOTES CHKD.

F.B. 2246 PG. 80

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.I. #17	217.012	✓				P.I. #17 ELEV. 217.21 L.A. Co. Rd. Const. B.M. L.B. 86-2 Conc. Mon. 12" deep 142± left (W.) of survey ℄ Sta. 219+73± (125± N. of N. curb) (Const ℄ 218+70) (Co. Sur. Mon. stamped P.I. #2 R.E. 2177)
+	11.965					
=	228.977	✓				
−	0.726	✓				
T.P.	228.251					
+	9.809	✓				
=	238.060					
−	0.799					
T.P.	237.261	✓				
+	8.073					
=	245.334	✓				
−	3.572					
STA. J-1A	241.762	✓				
+	11.197					
=	252.959	✓				
−	0.611					
T.P.	252.348	✓				
+	9.559					
=	261.907	✓				
−	0.357					
T.P.	261.550	✓				
+	11.880					
=	273.430	✓				
−	1.406	✓				
T.P.	272.024					
+	11.620					
=	283.644	✓				
−	1.384					
T.P.	282.260	✓				

768420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 030102 SURVEY OF L.A.C. Precise Level Net
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-17-56
DATE INDEXED C. Johnson DATE

F.B. 2246 PG. 81

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	282.260	✓				
+	11586	✓				
=	293846					
−	1.708					
T.P.	292138	✓				
+	11.974	✓				
=	304.112					
−	2.847					
T.P.	301.265	✓				
+	7.853					
=	309.118	✓				
−	3405					
BLAKESLEY	305.713	✓				
+	1153					
=	306.866	✓				
−	11243					
T.P.	295.623	✓				
+	2081					
=	297.704	✓				
−	10561					
T.P.	287.143	✓				
+	3.898					
=	291.041	✓				
−	6.002					
T.P.	285.039	✓				
+	4464					
=	289.503	✓				
−	9.119					
T.P.	280.384	✓				

76S420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 030102 SURVEY OF L.A.Co. Precise Level Net
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-17-56
INDEXED K. C. Tobiason DATE

NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2246 PG. 82

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	280384	✓				
+	0456	✓				
=	280.840					
−	10.410	✓				
T.P.	270.430					
+	0431	✓				
=	270.861					
−	11.484	✓				
T.P.	259.377					
+	0411	✓				
=	259.788					
−	11.082	✓				
T.P.	248.706					
+	0.282	✓				
=	248.988					
−	11.105	✓				
T.P.	237.883					
+	0383	✓				
=	238.266					
−	11.618	✓				
T.P.	226.648					
+	0.967	✓				
=	227.615					
−	10596	✓				
T.P.	217.019					
+	1.013	✓				
=	218.032					
−	9.636	✓				
T.P.	208.396					

768420 353 8-49

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NOTES RED. JOB NO. 282102 SURVEY OF L.A.Co. PRECISE LEVEL NET.
DATE SURVEY BY G.E. DREIER
NOTES CHKD. T. OHASHI DATE 10-17-56
DATE INDEXED K. C. Johnson DATE "

F. B. 2246 PG. 53

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	208.396	✓				
+	3323					
=	211.719	✓				
−	6.942					
B.M. "C"	204.777	✓				B.M. "C" L.A.Co.Rd. Const. B.M.
+	0.541.					Elev. 204.75 L.B. 125-184.
=	205.318	✓				3/4" I.P. with brass cap 1" deep
−	10.806					approx. ℄ Sta. 2+00 Peppertree
TP	194.512	✓				Dr. (Transfer of U.S. 4134 Y-787
+	2.134					1946)
=	196.646	✓				
−	2.474					
B.M. 34-17A	194.172	✓				B.M. 34-17A
+	1.244					Feild Adjusted Elev. 194.188
=	195.432	✓				
−	11.037					
T.P.	184.395	✓				
+	0.406					
=	184.801	✓				
−	11.411					
T.P.	173.390	✓				
+	0.579					
=	173.969	✓				
−	11.941					
T.P.	162.028	✓				
+	0.817					
=	162.845	✓				
−	11.253					
T.P.	151.592	✓				

765420 353 8-49

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F.B. 2246 PG. 84

JOB NO. 230102 SURVEY OF LAC. Precise Level Net. NOTES RED. ____ DATE ____
SURVEY BY G.E. DREIER NOTES CHKD. ____ DATE ____
NOTES BY T. OHASHI DATE 10-17-56
INDEXED ~~C. Johnson~~ DATE ____

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	151.592	✓				
+	0622					
⊼	152.214	✓				
−	10996					
T.P.	141.218	✓				
+	1.012					
⊼	142.230	✓				
−	11.358					
T.P.	130.872	✓				
+	0.897					
⊼	131.769	✓				
−	9.232					
TBM #25	122.537	✓				
+	1.680					
⊼	124.217	✓				
−	7.795					
T.P.	116.422	✓				
+	0689					
⊼	117.111	✓				
−	9140					
T.P.	107971	✓				
+	0282					
⊼	108253	✓				
−	8.855					
TP	99.398	✓				
+	0.992					
⊼	100390	✓				
−	11.844					
T.P.	88.546	✓				

768420 353 8-49

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	88.546	✓				
+	0470					
⊼	89016	✓				
−	11.949					
T.P.	77.067	✓				
+	0.658					
⊼	77.725	✓				
−	11.671					
T.P.	66.054	✓				
+	0947					
⊼	67.001	✓				
−	12002					
T.P.	54.999	✓				
+	0.752					
⊼	55751	✓				
−	10.771					
T.P.	44980	✓				
+	2832					
⊼	47.812	✓				
−	7.469					
STA. K-3	40.343	✓				
+	2.151					
⊼	42494	✓				
−	7569					
T.B.M. #27	34.925	✓				
+	3098					
⊼	38023	✓				
−	4.571					
STA. K-2	33.452	✓				

NOTES RED. JOB NO. 130102 SURVEY OF L.A. Co. Precise Level Net. F.B. 2246 PG. 85

DATE SURVEY BY G.E. DREIER

NOTES CHKD. NOTES BY T. OHASHI C. JOHNSON DATE 10-17-56

DATE INDEXED DATE

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 030102 SURVEY OF L.A.C. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-17-56 NOTES CHKD.
INDEXED K.C. Johnson DATE
F.B. 2246 PG. 86

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA - K-2	33452	✓				
+	0489					
=	33941	✓				
−	11689					
TP	22252	✓				
+	2371					
=	24623	✓				
−	5732					
T.P.	18891	✓				
+	4222					
=	23113	✓				
−	5698					
TBM #26	17415	✓				
+	4401					
=	21816	✓				
−	5890					
TP	15926	✓				
+	3693					
=	19619	✓				
−	3279					
TP	16340	✓				
+	2005					
=	18345	✓				
−	10812					
PB #1	7533	✓				
+	11169					
=	18702	✓				
−	2367					
T.P.	16335	✓				

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET. F.B. 2246 PG. 87
DATE SURVEY BY G.E. DREYER
NOTES CHKD. NOTES BY T. YAMASHI DATE 10-17-56
DATE INDEXED C. JOHNSON DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	16.335	✓				
+	3436					
X	19.771	✓				
−	3.851					
T.P.	15.920	✓				
+	5.975	✓				
X	21.895	✓				
−	4490					
T.P.	17.405	✓				
+	5.769	✓				
X	23.174	✓				
−	4285					
T.P.	18.889	✓				
+	5.766	✓				
X	24.655	✓				
−	2415					
T.P.	22.240	✓				
+	11.625					
X	33.865	✓				
−	0.428					
T.P.	33.437	✓				
+	4560					
X	37.997	✓				
−	3.091					
T.P.	34.906	✓				
+	7525					
X	42.431	✓				
−	2.108					
T.P.	40.323	✓				

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 038102 SURVEY OF L.A.Co. Precise Level Net NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-17-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F.B. 2246 PG. 88

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	40323	✓				
+	7.603					
=	47.926	✓				
−	2962					
T.P.	44.964	✓				
+	10630					
=	55.594	✓				
−	0601					
T.P.	54.993	✓				
+	9250					
=	64.243	✓				
−	2657					
T.B.M. #28	61.586	✓				T.B.M. #28 YACHT HARBOR DR. & BEACHCOMBER RD. N.E. COR. B. SPK. IN ROCK 2.6 FT. S. OF S.E. CORNER OF FIREHOUSE
+	101 03					
=	71.689	✓				
−	0.274					
T.P.	71.415	✓				
+	11.290					
=	82.705	✓				
−	0673					
T.P.	82.032	✓				
+	8.790					
=	90.822	✓				
−	2.809					
STA K-4	88.013	✓				
+	11.963					
=	99.976	✓				
−	0.270					
T.P.	99.706	✓				

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 0301 02 SURVEY OF L.A.Co. Precise Level Net F.B. 2296 PG. 89
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-17-56
DATE INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	99.706	✓				
+	9.015					
=	108.721	✓				
−	1343					
T.P.	107.378	✓				
+	11.246					
=	118.624	✓				
−	0.401					
T.P.	118.223	✓				
+	11.557					
=	129.780	✓				
−	0312					
T.P.	129.468	✓				
+	9183					
=	138.651	✓				
−	2602					
STA. K-5	136.049	✓				
+	11.931					
=	147.980	✓				
−	0423					
T.P.	147.557	✓				
+	11.268					
=	158.825	✓				
−	0233					
T.P.	158.592	✓				
+	11.675					
=	170267	✓				
−	0471					
T.P.	169.796	✓				

10-17-56
10-18-56

769420 353 8-49

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NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____

JOB NO. 03102 SURVEY OF L.A.Co. Precise Level Net.
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-18-56
INDEXED K. C. Johnson DATE

F.B. 2246 Pg. 90

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	169.796	✓				
+	11.587					
=	181.383	✓				
−	0520					
T.P.	180.863	✓				
+	11.721					
=	192.584	✓				
−	0.375					
T.P.	192.209	✓				
+	10413					
=	202.622	✓				
−	0.632					
T.P.	201.990	✓				
+	9.784					
=	211.774	✓				
−	3893					
B.M. 50-13	207.~~881~~ 868	✓				B.M. 50-13 OFFICE ADJ. ELEV. 207.868
+	3919					
=	211.787	✓				
−	6581					
TP	205.206	✓				
+	3.804					
=	209.010	✓				
−	6700					
T.B.M. #15	202.310	✓				T.B.M. #15
+	.11242					
=	213.552	✓				
−	0903					
T.P.	212.649	✓				

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A.Co. Precise Level Net
DATE _____ SURVEY BY G.E. DREIER T. OHASHI
NOTES CHKD. _____ NOTES BY C. Johnson DATE 10-18-56
DATE _____ INDEXED _____ DATE _____

F.B. 2246 PG. 91

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	212.649	✓				
+	10668					
Σ	223.317	✓				
−	1072					
T.P.	222.245	✓				
+	11708					
Σ	233.953	✓				
−	0297					
TP	233.656	✓				
+	11.799					
Σ	245455	✓				
−	0.529					
T.P.	244.926	✓				
+	9.697					
Σ	254.623	✓				
−	2.163					
T.P.	252.460	✓				
+	10549					
Σ	263009	✓				
−	0273					
T.P.	262.736	✓				
+	10718					
Σ	273454	✓				
−	1203					
T.P.	272.251	✓				
+	11.330					
Σ	283.581	✓				
−	0.855					
T.P.	282.726	✓				

768420 353 8-49

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JOB NO. 030102 SURVEY OF L.A.C. Precise Level Net NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-18-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F.B. 2244 PG. 92

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	282.726	✓				
+	11.168					
=	293.894	✓				
−	0.896					
T.P.	292.998	✓				
+	11.861					
=	304.859	✓				
−	0753					
T.P.	304.106	✓				
+	11.847					
=	315.953	✓				
−	5627					
STA. SHIELDS	310.326	✓				STA. SHIELDS
+	7810					
=	318.136	✓				
−	6770					
T.P.	311.366	✓				
+	11.887					
=	323.253	✓				
−	5050					
T.P.	318.203	✓				
+	4059					
=	322.262	✓				
−	6.540					
STA. G-1	315.722	✓				
+	4478					
=	320.200	✓				
−	2.448					
T.P.	317.752					

765420 353 8-49

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NOTES RED. _____ JOB NO. 03101.03 SURVEY OF L.A.Co. Precise Level Net.
DATE _____ SURVEY BY G.E. DREYER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-18-56
DATE _____ INDEXED K. C. Johnson DATE _____

F.B. 2246 Pg. 93

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	317.752	✓				
+	9.840					
Σ	327.592	✓				
−	2.851					
T.P.	324.741	✓				
+	4.992					
Σ	329.733	✓				
−	7.538					
STA. A-4	322.195	✓				
+	11.531					
Σ	333.726	✓				
−	3.793					
T.P.	329.933	✓				
+	5.732					
Σ	335.665	✓				
−	5.852					
STA. F-3	329.813	✓				
+	5.996					
Σ	335.809	✓				
−	0.212					
T.P.	335.597	✓				
+	11.502					
Σ	347.099	✓				
−	0.298					
T.P.	346.801	✓				
+	11.946					
Σ	358.747	✓				
−	0.936					
T.P.	357.811	✓				

769420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 03002 SURVEY OF L.A.Co. Precise Level Net NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-18-56 NOTES CHKD.
INDEXED K. C. Tolbert DATE

F.B. 2246 Pg. 94

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	35.7811					
+	7.451					
=	365.262	✓				
−	3.123					
STA. F-2	362.139	✓				
+	11.772					
=	373.911	✓				
−	0.528					
T.P.	373.383	✓				
+	11.949					
=	385.332	✓				
−	0413					
T.P.	384.919	✓				
+	11.997					
=	396.916	✓				
−	0334					
T.P.	396.582	✓				
+	11.331					
=	407.913	✓				
−	10.260					
STA. A-5	397.653	✓				
+	11.681					
=	409.334	✓				
−	0721					
T.P.	408.613	✓				
+	11.306					
=	419.919	✓				
−	0.197					
T.P.	419.722	✓				

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	419.722	✓				
+	11.837	✓				
⊼	431.559	✓				
−	1.191					
T.P.	430.368	✓				
+	11.732	✓				
⊼	442.100					
−	0.877					
T.P.	441.223	✓				
+	11.258	✓				
⊼	452.481					
−	0.702					
T.P.	451.779	✓				
+	7.800					
⊼	459.579	✓				
−	9.292					
STA. F-1	450.287	✓				
+	3.707					
⊼	453.994	✓				
−	7679					
T.P.	446.375	✓				
+	9.253					
⊼	455.628	✓				
−	11.259					
T.P.	444.369	✓				
+	3.006					
⊼	447.375	✓				
−	10.032					
T.B.M. #20	437.343	✓				

NOTES RED. _____ JOB NO. 030102 SURVEY OF L.A. Co. PRECISE LEVEL NET
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-18-56
DATE _____ INDEXED C. Johnson DATE _____

F.B. 2246 PG. 95

769420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-18-56 NOTES CHKD.
INDEXED A. C. Johnson DATE

F.B. 2246 Pg. 96

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #20	437.343	✓				
+	9.970					
=	447.313	✓				
−	10.036					
T.B.M. #19	437.277	✓				
+	9.997					
=	447.274	✓				
−	1.962					
T.P.	445.312	✓				
+	10.863					
=	456.175	✓				
−	11.682					
T.P.	444.493	✓				
+	0.287					
=	444.780	✓				
−	7.964					
T.P.	436.816	✓				
+	2.088					
=	438.904	✓				
−	7.137					
T.P.	431.767	✓				ROAD DEPT CONST. B.M. ELEV 432.23
+	1.820					
=	433.587	✓				
−	4.829					
T.P.	428.758	✓				
+	11.246					
=	440.004	✓				
−	4.677					
STA. E-1	435.327	✓				

769420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

NOTES RED. JOB NO. 030.02 SURVEY OF L.A.Co. PRECISE LEVEL NET F.B. 224 PG. 97
DATE SURVEY BY G.E. DREYER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-18-56
DATE INDEXED C. Johnson DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. E-1	435.327	✓				
+	3.111					
=	438.438	✓				
−	11.677					
T.P.	426.761	✓				
+	0.647					
=	427.408	✓				
−	8.534					
T.P.	418.874	✓				T.P.
+	0.506					
=	419.380	✓				S. RIM OF DRAIN MANHOLE
−	8.231					
TBM #21	411.149	✓				
+	0.945					
=	412.094	✓				
−	8.450					
STA. E-2	403.644	✓				
+	0.657					
=	404.301	✓				
−	8.661					
STA. D-2	395.640	✓				
+	6.328					
=	401.968	✓				
−	0.580					
T.P.	401.388	✓				
+	11.638					
=	413.026	✓				
−	0.630					
T.P.	412.396	✓				

76S420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF L.A.Co. Precise Level Net NOTES RED. _____ DATE _____
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-18-56 NOTES CHKD. _____ DATE _____
INDEXED C. Johnson DATE _____

F.B. 2246 PG. 98

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	412.396	✓				
+	11.908					
Σ	424304	✓				
−	0528					
T.P.	423776	✓				
+	9.126					
Σ	432902	✓				
−	2.017					
T.P.	430.885	✓				
+	7.225					
Σ	438.110	✓				
−	0825					
STA. D-1	437.285	✓				
+	6.217					
Σ	443.502	✓				
−	5.124					
STA. C-1	438.378	✓				
+	0405					
Σ	438.783	✓				
−	9818					
T.P.	428.965	✓				
+	1.535					
Σ	430.500	✓				
−	5.538					
T.P.	424.962	✓				
+	6.553					
Σ	431.515	✓				
−	7.280					
STA. B-1	424.235	✓				

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 030102 SURVEY OF L.A.Co. Precise Level Net F.B. 2246 PG. 59
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-18-56
DATE INDEXED K. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. B-1	424.235	✓				
+	1.207					
Σ	425442	✓				
−	11530					
T.P.	413.912	✓				
+	0233					
Σ	414.145	✓				
−	11.902					
T.P.	402.243	✓				
+	0310					
Σ	402.553	✓				
−	10.659					
T.P.	391.894	✓				
+	0.217					
Σ	392111	✓				
−	11.013					
T.P.	381.098	✓				
+	0.225					
Σ	381323	✓				
−	11.466					
TP	369857	✓				
+	0652	✓		5 5 39		
Σ	370.509	✓				
−	11.863					
TP	358.646	✓				
+	0364					
Σ	359.010	✓				
−	10.144					
STA. B-2	348.866	✓				

76S420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 03002 SURVEY OF L.A.Co. Precise Level Net NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-18-56 NOTES CHKD.
INDEXED C. Johnson DATE

F.B. 2246 PG. 100

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA B-2	348.860	✓				
+	5.539					
=	354.405	✓				
−	4.482					
BM. 50-12	349.923	✓				
+	1.833					
=	351.756	✓				
−	7.902					
TBM #22	343.854	✓				
+	0755					
=	344.609	✓				
−	4579					
STA. A-2	340.030	✓				
+	1.917					
=	341.947	✓				
−	11.824	✓				
T.P.	330.123	✓				
+	0251					
=	330.374	✓				
−	9.774					
T.P.	320.600	✓				
+	1604					
=	322.204	✓				
−	6824	✓				
TBM #23	315.380					
+	11.983	✓				
=	327.363	✓				
−	0251					
T.P.	327.112	✓				

765420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 030102 SURVEY OF L.A. Co. Precise Level Net.
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-18-56
DATE INDEXED R. C. Johnson DATE

F.B. 2246 PG. 101

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	327.112	✓				
+	11.996					
=	339.108	✓				
−	0363					
TP	338.745	✓				
+	11.502					
=	350.247	✓				
−	0584					
T.P.	349.663	✓				
+	11.655					
=	361.318	✓				
−	2503					
T.P.	358.815	✓				
+	9364					
=	368.179	✓				
−	3013					
RADIAL-1	365.166	✓				
+	1792					
=	366.958	✓				
−	11.892					
T.P.	355.066	✓				
+	0.453					
=	355.519	✓				
−	11597					
T.P.	343.922	✓				
+	0605					
=	344.527	✓				
−	7.808					
T.P.	336.719					

769420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. _____ DATE _____ NOTES CHKD. _____ DATE _____

JOB NO. 030102 SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 10-18-56

INDEXED [illegible] DATE [illegible]

F.B. 2246 Pg. 102

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	336.719	✓				
+	1.753					
=	338.472	✓				
−	8.878					
STA. A-3	329.594					
+	11.104					
=	340.698	✓				
−	10.923					
STA. F-3	329.775	✓				
+	5.730	✓				
=	335.505	✓				
−	5.613					
T.P.	329.892	✓				
+	3.951					
=	333.843	✓				
−	11.684					
STA. A-4	322.159	✓				STA. A-4 ELEV. PAGE 93 322.195 322.159 .036

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A. Co Recise Level Net.
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-19-56
DATE _____ INDEXED K. C. Johnson DATE OCT 29 56

F.B. 2246 Pg. 103

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. D-1	437.285					STA. D-1 ELEV. PER PAGE 98 437.285
+	0.605					
⊼	437.890	✓				
−	7.007					
TP	430.883	✓				
+	1.645					
⊼	432.528	✓				
−	8.752					
TP	423.776	✓				
+	0.353					
⊼	424.129	✓				
−	11.822					
T.P.	412.307	✓				
+	0.440					
⊼	412.747	✓				
−	11.453					
T.P.	401.294	✓				
+	0.467					
⊼	401.761	✓				
−	6.225					
STA D-2	395.536	✓				
+	0.262					
⊼	395.798	✓				
−	11.482					
TP	384.316	✓				
+	0.480					
⊼	384.796	✓				
−	11.899					
T.P.	372.897	✓				

769420 353 3-51

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 030.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED. _____ DATE _____
SURVEY BY G.E. DREIER NOTES CHKD. _____ DATE _____
NOTES BY T. OHASHI DATE 10-19-56
INDEXED K. C. Johnson DATE _____

F.B. 2246 Pg. 104

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	372.897	✓				
+	0.263	✓				
=	373.160					
−	11.554	✓				
T.P.	361.606	✓				
+	0.393	✓				
=	361.999					
−	7.166	✓				
T.P.	354.833	✓				
+	5.179	✓				
=	360.012					
−	11.244	✓				
STA B-2	348.768	✓				
+	6.177	✓				
=	354.945					
−	5.114	✓				
B.M. 50-12	349.831	✓				
+	1.717	✓				
=	351.548					
−	7.776	✓				
TBM #22	343.772	✓				
+	2.161	✓				
=	345.933					
−	2.066	✓				
STA. A-1	343.867	✓				
+	10.167	✓				
=	354.034					
−	0.379	✓				
STA. H-1	353.655					

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A. to Pearblossom Level Net.
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-19-56
DATE _____ INDEXED J. C. Johnson DATE _____

F.B. 2246 PG. 10

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. H-1	353.655	✓				
+	0.274					
=	353.929	✓				
−	11.438					
T.P.	342.491	✓				
+	1.040					
=	343.531	✓				
−	9.969					
STA. H-2	333.562	✓				
+	0.753					
=	334.315	✓				
−	11.790					
T.P.	322.525					
+	3.106					
=	325.631					
−	9.939					
? STA. H-4	315.692					STA. H-4 of 3 ?
+	0.596					I.P. Conc. Center
=	316.288					
−	11.398					
T.P.	304.890					
+	8.210					
=	313.100					
−	11.663					
T.P.	301.437					
+	0.366					
=	301.803					
−	11.633					
T.P.	290.170					

76S420 353 3-51

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JOB NO. 0301.02 SURVEY OF L.A.Co. Precise Level Net NOTES RED. _____ DATE _____
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-19-56 NOTES CHKD. _____ DATE _____
INDEXED R. C. Johnson DATE _____

F. B. 2246, Pg. 106

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	290.165					
+	5.008					
=	295.165					
−	7.261					
STA I-3	287.904					
+	8.952					
=	296.856					
−	5.063					
STA. I-2	291.793					
+	11.948					
=	303.746					
−	0.597					
T.P.	303.149					
+	11.128					
=	314.277					
−	1.058					
T.P.	313.219					
+	7.813					
=	321.032					
−	1.357					
STA. I-1	319.675					
+	1.998					
=	321.673					
−	11.363					
T.P.	310.310					
+	0.618					
=	310.928					
−	11.244					
T.P.	299.684					

76S420 S & E-353 4-54

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NOTES RED. JOB NO. 030102 SURVEY OF L.A. Co. Precise Level Net.
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-19-56
DATE INDEXED. C. Johnson DATE

F.B. 2246 PG. 107

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	299.679					
+	0752					
=	300.43					
−	11411					
T.P.	289.024					
+	3642					
=	292.668					
−	6.913					
T.P.	285.755					
+	11.766					
=	297.520					
−	0545					
T.P.	296.975					
+	5042					
=	302.017					
−	3400					
T.P.	298.617					
+	10281					
=	308.898					
−	3.197					
STA. BLAKESLEY	305.701					
+	3566					
=	309.267					
−	8013					
T.P.	301.254					
+	2.335					
=	303.589					
−	11.460					
T.P.	292.129					

769420 S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NOTES RED
SURVEY BY G.E. DREIER DATE
NOTES BY TOMASKI DATE 10-19-54 NOTES CHKD
INDEXED C. Johnson DATE

F.B. 2246 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	292 127					
+	1.782					
=	293.909					
−	11.658					
TP	282.253					
+	1.014					
=	283.267					
−	11.248					
TP	272.019					
+	0.784					
=	272.803					
−	11.276					
TP	261.527					
+	1.943					
	263.470					
−	11.152					
STA. J-1A	252.318					
+	1.326					
	253.644					
−	11.903					
	241.741					−
+	2.273					
	244.014					
−	6.769					
T.P.	237.245					
+	0.317					
=	237.562					
−	9.325					
T.P.	228.237					

765420 S & E-353 4-54

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A.Co. Precise Level Net.
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-19-56
DATE INDEXED C. Johnson DATE

F.B. 2246 Pg. 102

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	228.2387					
+	0225					
=	228.4612					
−	11.462					
P.I. #17	216.999					
+	6.355					
=	223.3585					
−	7638					
T.P.	215.7187					
+	0309					
=	216.0286					
−	11.927					
T.P.	204.0989					
+	0.478					
=	204.5787					
−	6.759					
B.M. "D"	197.8188					
+	8174					
=	205.9862					
−	1303					
T.P.	204.6859					
+	11514					
=	216.2373					
−	0332					
STA. J-1	2158.41					
+	7242					
=	223.1683					
−	3.259					
T.P.	219.8093					

769420 S & E-353 4-54

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JOB NO. 030102 SURVEY OF L.A.C. PRECISE LEVEL NET NOTES RED. DATE
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-18-54 NOTES CHKD. DATE
INDEXED K. C. Johnson DATE

F.B. 2246 Pg. 110

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	219.858					
+	11552					
=	231.4105					
−	5.523					
STA. J-2	225.887					225.887
18FT +	4.274	✓	4.750			
=	230.161	+0.217	+0.232 ✓		MEAN +0.224	
223FT −	4.057		4518			
STA. J-4	226.111					226.111
+	1.130					
=	227.241					
−	10.758					
T.P.	216.483					
+	0.439					
=	216.922					
−	10.376					
STA. RADIAL-2	206.546					
+	6.875					
=	213.421					
−	8.728					
T.P.	204.698					
+	1.854					
=	206.552					
−	1.350					
STA. J-5	205.202					
+	11.459					
=	216.661					
−	0.641					
T.B.M. #24	216.020					

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. DATE
NOTES CHKD. DATE
DATE INDEXED

JOB NO. 030102 SURVEY OF L.A.Co. PRECISE LEVEL NET F.B. 2246 Pg. 111
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-19-56
C. Johnson DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. #24	216.0~~15~~ 20					
+	11.546					
✕	22756 ✕6					
−	1.056					
T.P.	226.5~~05~~ 18					
+	10.678					
✕	237183 8					
−	1.510					
STA. G-2	235.673 8					
+	1.400					
✕	237.073 8					
−	10.571					
T.P.	226.502 7					
+	1.097					
✕	227.~~599~~ 604					
−	11.596					
T.P.	216.0~~08~~ 13					
+	0.512					
✕	216.52~~0~~ 25					
−	8.699					
T.P.	207.82 ✕6					
+	1.998					
✕	209.8~~19~~ 24					
−	7551					
T.B.M. #15	202.2~~68~~ 73					
+	6.738					
✕	209.0~~66~~ 11					
−	3838					
T.P.	205.1~~64~~ 73					

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 030102 SURVEY OF L.A.Co. PRECISE LEVELING NOTES RED. DATE
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-19-22-56 NOTES CHKD.
INDEXED C. Johnson DATE

F.B. 2246 PG. 112

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	205.168 73					
+	6.465					
⊼	211.633 98					
−	3.801					
BM. 50-13	207.832 32 68	✓				B.M. 50-13 ADJ. ELEV. 207.868
+	4.178					PALOS VERDES DR. S.E. OF CRENSHAW
⊼	212.046	✓				BLVD. SEE F.B. 2400-22 FOR DESC
−	10.068					
T.P.	201.978	✓				10-22-56
+	0.512	✓				
⊼	202.490	✓				
−	10.297					
T.P.	192.193	✓				
+	0.472	✓				
⊼	192.665	✓				
−	11.813					
T.P.	180.852	✓				
+	0.859					
⊼	181.711	✓				
−	11.930					
T.P.	169.781	✓				
+	0.179					
⊼	169.860					
−	11.382					
T.P.	158.578	✓				
+	0.522					
⊼	159.100	✓				
−	11.563					
T.P.	147.537	✓				CONT.

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 036.02 SURVEY OF L.A.C. PRECISE LEVEL NET.
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-22-56
DATE INDEXED. C. Johnson DATE

F. B. 2244 PG. 113

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	147.537	✓				
+	0.360					
Σ	147.897	✓				
−	11.865					
STA. K-5	136.032	✓				
+	2.824					
Σ	138.856	✓				
−	9.405					
T.P.	129.451	✓				
+	0.422					
Σ	129.873	✓				
−	11.663					
T.P.	118.210	✓				
+	0.227					
Σ	118.437	✓				
−	11.070					
T.P.	107.367	✓				
+	2.010					
Σ	109.377	✓				
−	9.685					
T.P.	99.692	✓				
+	0.203					
Σ	99.895	✓				
−	11.932					
STA. K-4	87.963	✓				
+	2.393					
Σ	90.356	✓				
−	8.360					
T.P.	81.996	✓				

765420 S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF L.A.C. PRECISE LEVEL NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-23-56 NOTES CHKD.
INDEXED K. C. Johnson DATE

F.B. 2246 PG. 114

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	81.996	✓				
+	0.418					
=	82.414	✓				
−	11.902					
T.P.	70.512	✓				
+	1.148					
=	71.660	✓				
−	10.083					
T.B.M. #28	61.577	✓				TBM #28
+	2.663					YACHT HARBOR DR & BEACHCOMBER RD.
=	64.240	✓				N.E. COR. BT. SPK. IN ROCK 2.6 FT
−	9.269					S. OF S.E. COR OF FIREHOUSE HOUSE
T.P.	54.971	✓				
+	0.737					
=	55.708	✓				
−	10.859					
T.P.	44.849	✓				
+	2.958					
=	47.803	✓				
−	7.587					
STA. K-3	40.216	✓				
+	2.200					
=	42.416	✓				
−	7.487					
TBM #27	34.929	✓				
+	3.110					
=	38.039	✓				
−	4.611					
STA. K-2	33.428	✓				

769420 S & E-353 4-54

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NOTES RED. JOB NO. 230102 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 2246 PG. 115
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-23-56
DATE INDEXED. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-2	33.428	✓				
+	0.738					
Σ	34.166	✓				
−	11.906					
T.P.	22.260	✓				
+	2.435					
Σ	24.695	✓				
−	5.788					
T.P.	18.907	✓				
+	4.302					
Σ	23.209	✓				
−	5.791					
TBM #26	17.418	✓				
+	4.352					
Σ	21.770	✓				
−	5.810					
T.P.	15.960	✓				
+	3.804					
Σ	19.764	✓				
−	3.394					
T.P.	16.370	✓				
+	2.320					
Σ	18.690	✓				
−	11.120					
P.B. #1	7.570	✓				P.B. #1
+	10.623					
Σ	18.193	✓				
−	1.820					
T.P.	16.373	✓				

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JOB NO. 03102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE NOTES RED.
NOTES BY T. MARSHALL DATE 10-23-56 NOTES CHKD
INDEXED E. C. Johnson DATE DATE

F.B. 2246 Pg. 116

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	16.373	✓				
+	3.613					
=	19.986	✓				
−	4.023					
T.P.	15.963	✓				
+	5.827					
=	21.790	✓				
−	4.370					
T.P.	17.420	✓				
+	5.938					
=	23.358	✓				
−	4.454					
T.P.	18.904	✓				
+	5.765					
=	24.669	✓				
−	2.407					
T.P.	22.262	✓				
+	11.601					
=	33.863	✓				
−	0.434					
T.P.	33.429	✓				
+	4.620					
=	38.049	✓				
−	3.121					
T.P.	34.928	✓				
+	7.310					
=	42.238	✓				
−	2.022					
T.P.	40.216	✓				

76S420 S & E-353 4-54

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NOTES RED. JOB NO. 030102 SURVEY OF A CO. PRECISE LEVEL NET
DATE SURVEY BY G. E. DREIER F. B. 2246 Pg. 117
NOTES CHKD. NOTES BY T. OHASHI DATE 10-23-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	40216	✓				
+	7.719					
=	47.935	✓				
−	3088					
T.P.	44.847	✓				
+	10.803					
=	55.650	✓				
−	0.679					
T.P.	54.971	✓				
+	11.947					
=	66.918	✓				
−	0872					
TP	66.046	✓				
+	11.374					
=	77.420	✓				
−	0.400					
T.P.	77.020	✓				
+	11.911					
=	88.931	✓				
−	0.455					
T.P.	88.476	✓				
+	11.789					
=	100.265	✓	10.828			
−	0.961					
T.P.	99.304	✓				
+	8902					
=	108.206	✓				
−	0.216					
T.P.	107.990	✓				

F. B. 2246 PG. 118

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.

SURVEY BY G. E. DREIER DATE

NOTES BY T. OHASHI DATE 10-23-56 NOTES CHKD.

INDEXED X. C. Johnson DATE DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	107.990	✓				
+	9557	✓				
X	117547	✓				
−	1.132	✓				
T.P.	116415	✓				
+	7.943	✓				
X	124358	✓				
−	1.820	✓				
T.B.M. #25	122.538	✓				
+	9.392	✓				
X	131930	✓				
−	1.057	✓				
T.P.	130.873	✓				
+	11402	✓				
X	142275	✓				
−	1.128	✓				
T.P.	141.147	✓				
+	10932	✓				
X	152.079	✓				
−	0.529	✓				
T.P.	151.550	✓				
+	10.931	✓				
X	162.481	✓				
−	0.490	✓				
T.P.	161.991	✓				
+	11.923	✓				
X	173.914	✓				
−	0.563	✓				
T.P.	173.351	✓				

769420 353 8-49

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NOTES RED. JOB NO. 030102 SURVEY OF L.A.Co. Precise Level Net.
DATE SURVEY BY G.E. DREIER F.B. 2246 PG. 112
NOTES CHKD. NOTES BY T.C. Johnson DATE 10-23-56
DATE INDEXED DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	173.351	✓				
+	11.674					
∑	185.025	✓				
−	0.674					
T.P.	184.351	✓				
+	11.628					
∑	195.979	✓				
−	1.834					
BM. 34-17A	194.145	✓				BM. 34-17A PALOS VERDES DR. S. & PEPPERTREE DR. SEE F.B. 1353-44

76S420 S & E-353 4-54

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net, F. B. 2246 Pg. 121
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OYASHI DATE 10-23-54
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.34-11	417.727	✓				B.M.34-11 (U.S. 2881, 4-168 1933) PALOS VERDES DR. E. & PALOS VERDES DR. S. & PACIFIC AVE. SEE F.B. 1355-17, 1953 ADJ. ELEV. 417.727
+	4.073					
=	421.800	✓				
−	7.931					
T.P.	413.869	✓				
+	1.107					
=	414.976					
−	11.098					
T.P.	403.878	✓				
+	0.478					
=	404.356	✓				
−	11.925					
T.P.	392.431	✓				
+	1.047					
=	393.478	✓				
−	9.690					
T.P.	383.789	✓				
+	1.652					
=	385.440	✓				
−	9.464					
T.P.	375.976	✓				
+	1.655					
=	377.631	✓				
−	9.974					
T.P.	367.657	✓				
+	1.352					
=	369.009	✓				
−	9.719					
T.P.	359.290	✓				

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JOB NO. 0301.02 SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY T. OHASHI DATE 10-23-56 NOTES CHKD. _____
INDEXED A. C. Johnson DATE _____ DATE _____

F.B. 2246 Pg. 12.2

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	359.290	✓				
+	2.206					
⊼	361.496	✓				
−	9.057					
TP	352.439	✓				
+	1.419					
⊼	353.858	✓				
−	9.616					
TP	344.242	✓				
+	3.032					
⊼	347.274	✓				
−	11.268					
TP	336.006	✓				
+	4.303					
⊼	340.309	✓				
−	8.137					
BM. 34-13	332.172	✓				B.M. 34-13 (U.S. 4131 V-787 1946) ELEV. 332.211 PALOS VERDES DR. S. & 0.5 MI. W. OF PALOS VERDES DR. E., SEE F.B. 1355-18

B.M.S 34-14 (U.S. 4132), 34-16 (U.S. 4133, 34-17, AND U.S. 4134 HAVE BEEN DESTROYED.

FOR DIFF IN ELEV. FROM B.M. 34-13 TO B.M. 34-15 AND 34-15 TO B.M. 50-13 TO 34-17A AND TO 34-18 SEE F.B. 2400-168 TO 250

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-23-56.
DATE INDEXED K. C. Johnson DATE

F.B. 2246 Pg. 123

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.34-18	168.680	✓				B.M.34-18 ELEV. 168.680 (ADJ. 1953)
+	1.489					PALOS VERDES DR. S. & NARCISSA DR.
K	170.169	✓				SEE C.S. 13.55-22
−	10.967					
T.P.	159.202	✓				
+	3.996					
K	163.198	✓				
−	5.787					
T.P.	157.411	✓				
+	6.470					
K	163.881	✓				
−	4.115					
T.P.	159.766	✓				
+	6.065					
K	165.831	✓				
−	4.586					
T.P.	161.245	✓				
+	6.185					
K	167.430	✓				
−	4.563					
T.P.	162.867	✓				
+	6.318					
K	169.185	✓				
−	4.265					
T.P.	164.920	✓				
+	6.702					
K	171.622	✓				
−	4.971					
T.P.	166.651	✓				

F.B. 2246 Pg. 12-4

JOB NO. 030102 SURVEY L.A. CO. PRECISE LEVEL NET NOTES RED
SURVEY BY G. E. DREIER DATE
NOTES BY T. Ohashi DATE 10-23-56 NOTES CHKD
INDEXED E. C. Johnson DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	166.651	✓				
+	6909					
∑	173560	✓				
−	5448					
TP	168112	✓				
+	6434					
∑	174.546	✓				
−	2347					
T.P.	172.199	✓				
+	9473					
∑	181.672	✓				
−	0348					
T.P.	181.324	✓				
+	10558					
∑	191.882	✓				
−	0.188					
T.P.	191.694	✓				
+	10.430					
∑	202.124	✓				
−	0811					
T.P.	201.313	✓				
+	10.388					
∑	211.701	✓				
−	0210					
TP	211.491	✓				
+	10.198					
∑	221.689	✓				
−	0267					
T.P.	221.422	✓				

765420 353 3-51

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NOTES RED. _____ JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL F.B. 2246 Pg. 125
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-23-56
DATE _____ INDEXED A. C. Johnson DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	221.422	✓				
+	11.688					
∑	233.110	✓				
−	0.210					
T.P.	232.900	✓				
+	11.193					
∑	244.093	✓				
−	1.047					
T.P.	243.046	✓				
+	8.362					
∑	251.408	✓				
−	5.306					
T.P.	246.102	✓				
+	2.899					
∑	249.001	✓				
−	7.852					
TP	241.149	✓				
+	2.752					
∑	243.901	✓				
−	6.578					
T.P.	237.323	✓				
+	5.546					
∑	242.869	✓				
−	7.691					
BM.34-21	235.178	✓				BM.34-21 ADJ. 1953 ELEV. 235.187
+	11.982					PALOS VERDES DR. S & PACKET RD.
∑	247.160	✓				SEE. F.B. 1356-25
−	0.242					
TP.	246.918	✓				

P.B. 2246 PG. 126

L. A. CO. PRECISE LEVEL NET

JOB NO. 0301.02 SURVEY OF _____ NOTES RED. _____

SURVEY BY G. E. DREIER DATE _____

NOTES BY T. OHASHI DATE 10-23-56 NOTES CHKD. _____

INDEXED C. Johnson DATE _____ DATE _____

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	246.918	✓				
+	10.201					
⊼	257.119	✓				
−	0988					
T.P.	256.131	✓				
+	9.221					
⊼	265.352	✓				
−	3383					
T.P.	261.969	✓				
+	3.255					
⊼	265.224	✓				
−	9872					
T.P.	255.352	✓				
+	3.986					
⊼	259.338	✓				
−	7294					
T.P.	252.044	✓				L.&T. IN CENTER OF CATCH BASIN ELEV.
+	1.231					WRITTEN ON CONC. 252.11
⊼	253.275	✓				
−	9695					
T.P.	243.580	✓				
+	1539					BM. 34-22 (US 4136) NOT FOUND
⊼	245.119	✓				PROBABLY DESTROYED
−	10169					
T.P.	234.950	✓				
+	0.763					
⊼	235.713	✓				
−	8.085					
T.P.	227.628	✓				L&T. IN CENTER OF CONC. CATCH BASIN ELEV.
						WRITTEN ON CONC. 227.66

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	227628	✓				
+	6.551					
⊼	234.179	✓				
−	2.702					
T.P.	231.477	✓				
+	5.512					
⊼	236.989	✓				
−	1.762					
B.M. 34-23	235.227	✓				B.M. 34-23 (U.S. 2888 Z-168) 1953 ADJ. EL. 235.284 PALOS VERDES DR. S. 0.45 MI. W. OF PACKET RD. SEE F.B. 1355-26

235.284
235.227
235.057

NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 2246 PG. 127
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-23-56
DATE INDEXED C. Johnson DATE

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET (POINT VICENTE)
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY G.E. DREIER DATE 10-22-56
DATE INDEXED DATE

F.B. 2246 Pg 29

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM.34-23	235.284	✓				B.M. 34-23 (U.S. 2888 1933 Z-168) ELEV. 235.284
+	0.834					PALOS VERDES DR. S., 0.45 MI. W. OF
Δ	236 118	✓				PACKET RD, 0.8 MI. E. OF POINT
-	11.918					VINCENTE LIGHTHOUSE, SEE F.B. 355-26
T.P	224.200	✓				
+	1.158					
Δ	225.358	✓				
-	8.968					
T.P.	216390	✓				T.P.
+	0.378					L.&T. IN CENTER OF CATCH BASIN
Δ	216.768	✓				IN CENTER DIVIDER E. OF E. ENT. TO
-	11.202					MARINELAND, ELEV. WITTEN ON
T.P.	205.566	✓				CONC. 216.36
+	0.463					
Δ	206.029	✓				
-	11.867					
T.P.	194.162	✓				
+	0.840					
Δ	195.002	✓				
-	7.983					
T.P.	187.019	✓				
+	4.719					
Δ	191.738	✓				
-	6.182					
T.P	185.556	✓				
+	3.002					
Δ	188.558	✓				
-	9.883					
T.P.	178.675	✓				T.P. L & T. IN CATCH BASIN

769420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

(POINT VICENTE)
JOB NO 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET NOTES RED.
SURVEY BY G.E. DREER DATE
NOTES BY G.E.D. DATE 10-22-56 NOTES CHKD
INDEXED C. Johnson DATE DATE

F.B. 2246 Pg. 130

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	178.675	✓				
+	0.409					
⊼	179.084	✓				
−	11.922					
T.P.	167.162	✓				
+	1.419					
⊼	168.581	✓				
−	7.832					T.P. LAST IN CATCH BASIN E.C. 107+12 E. OF W. ENTRANCE TO MARINELAND.
T.P	160.749	✓				
+	3.492					
⊼	164.241	✓				
−	6.763					
T.P	157.478	✓				
+	4.257					
	161.735	✓				
−	5.752					
B.M.	155.983	✓				B.M. PALOS VERDES DR. S. ON N'Ly SIDE OF CIRCLE CURB AT W. ENTRANCE TO MARINELAND, B. SPK IN CURB PAINTED "B.M."
−	5.211					
⊼	161.194	✓				
−	5.710					
T.P	155.484	✓				T.P. L. & T. IN S.W. COR CATCH BASIN AT W. ENT. TO MARINELAND
+	8.202					
⊼	163.686	✓				
−	0.329					
T.P.	163.357	✓				
+	11.416					
⊼	174.773	✓				
−	0.226					
T.P	174.547	✓				

76S420 S & E-353 4-54

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Do not extend notes this side of this line

NOTES RED. JOB NO 30102 SURVEY OF L.A.Co. PRECISE LEVEL NET (POINT VICENTE)
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY G.E.D. DATE 10-22-56
DATE INDEXED K.C. Johnson DATE

F.B. 2246 PG. 131

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	174.5417	✓				
-	11.771					
Δ	186.318	✓				
-	0.200					
T.P.	186.118	✓				
+	11.313					
Δ	197.431	✓				
-	0.232					
T.P.	197.199	✓				
+	7.059					
Δ	204.258	✓				
-	10.873					
T.P.	193.385	✓				
-	9.582					
Δ	193.767	✓				
-	10.578					
T.P.	183.389	✓				
+	1.249					
Δ	184.638	✓				
-	8.772					
T.P.	175.866	✓				T.P.
-	0.259					L.&T. IN S.W. COR. OF CATCH BASIN E
Δ	176.125	✓				OF ENTRANCE TO LIGHTHOUSE
-	11.229					
T.P.	164.896	✓				
+	0.692					
Δ	165.588	✓				
-	11.652					
T.P.	153.936	✓				

768420 S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF L.A.Co. PRECISE LEVELNET (POINT VICENTE)
SURVEY BY C.E. DREIER NOTES RED. DATE
NOTES BY G.E.D. NOTES CHKD.
INDEXED DATE DATE

F. B2246 Pg. 132

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	153.936	✓				
+	0.283					
⊼	154.219	✓				
−	10.627					
T.P.	143.592	✓				
+	1.208					
⊼	144.800	✓				
−	10.595					
T.P.	134.205	✓				
+	2.220					
⊼	136.425	✓				
−	9.031					
T.P.	127.394	✓				
+	2.558					
⊼	129.952	✓				
−	8.455					
B.M.34-25	121.497	✓			121.571	B.M. 34-25 (U.S. 2891) ELEV. 121.583 SEE F.B. 1355-28
+	3.169					
⊼	124.666	✓				
−	6.533					
T. P.	118.133	✓				
+	5.299					
⊼	123.432	✓				
−	2.301					
T.P	121.131	✓				1945 IN LINE 34 PAMPLET
+	7.877					1946 ON DISC
⊼	129.008	✓				?
−	0.716					
B.M.34-26	128.292	✓			128.372	B.M.34-26 (U.S.4133 E-788 1946) 128.369 SEE F.B. 1355-28 .071

76S420 S & E-353 4-54

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NOTES RED. JOB NO 030102 SURVEY OF L.A. Co. PRECISE LEVEL NET (POINT VICENTE)
DATE SURVEY BY S. E. DREIER
NOTES CHKD. NOTES BY S. E. D. DATE 11-27-56
DATE INDEXED DATE

F.B. 2246 PG. 133

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.34.26	128.298	✓				CONT.
+	4.047					
T	132.345	✓				
-	0.988					
T.P.	131.357	✓				
+	11.244					
T	142.601	✓				
-	1.415					
T.P	141.186	✓				
+	9.857					
T	151.043	✓				
-	0.239					
T.P.	150.804	✓				
+	7.495	✓				
T	158.299	✓				
-	1.510					
U.S.2889	156.789	✓			156.367	B.M. U.S. 2889 (WEATHER SER. B) PALOS VERDES DR. W. 3000' S. OF & 300' W. OF ROAD TO POINT VICENTE LIGHT HOUSE

SEE F.B. 1355-28

E-1
435.330

765420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 0304.02 SURVEY OF L.A. CO. PRECISE LEVEL NET B. 3246 PG. 135
DATE _____ SURVEY BY G. E. DREIER PORTUGUESE BEND
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-24-56 LANDSLIDE
DATE _____ INDEXED C. Johnson DATE 10-30-56

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. SHIELDS	310.321	✓				STA. SHIELD, FIELD ELEV. 310.321 (MEAN OF PREVIOUS RUNS)
+	7.951					
Σ	318.272	✓				
−	7.228					
T.P.	311.044	✓				
+	11.951					
Σ	322.995	✓				
−	4.798					
T.P.	318.197	✓				
+	4.079					
Σ	322.276	✓				
−	6.567					
STA. G-1	315.709	✓				
+	3.974					
Σ	319.683	✓				
−	1.942					
T.P.	317.741	✓				
+	10.044					
Σ	327.785	✓				
−	3.055					
T.P.	324.730	✓				
+	5.017					
Σ	329.747	✓				
−	7560					
STA. A-4	322.187	✓				
+	11.572					
Σ	333.759	✓				
−	3833					
T.P.	329.926	✓				

76S420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DRETER DATE NOTES RED.
NOTES BY T. OHASHI DATE 10-24-52 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F.B. 2246 PG. 136

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	329.926	✓				
+	5.881					
∧	335.807	✓				
−	6.125					
STA. F-3	329.682	✓				
+	10.927					
∧	340.609	✓				
−	11.050					
STA A-3	329.559	✓				
+	7.660					
∧	337.219	✓				
−	0.519					
TP	336.700	✓				
+	8.158					
∧	344.858	✓				
−	0.952					
T.P.	343.906	✓				
+	11.458					
∧	355.364	✓				
−	0.318					
T.P.	355.046	✓				
+	11.942					
∧	366.988	✓				
−	1.843					
RADIAL #1	365.145	✓				
+	3.178					
∧	368.323	✓				
−	9.524					
T.P.	358.799	✓				

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 137
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-24-56
DATE INDEXED C. Tobin DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	358.799	✓				
+	2542					
=	361341	✓				
−	11,686					
T.P.	349.655	✓				
+	0.520					
=	350.175	✓				
−	11450					
T.P.	338725	✓				
+	0276					
=	339.001	✓				
−	11917					
T.P.	327.084	✓				
+	0.257					
=	327.341	✓				
−	11991					
T.B.M. #23	315350	✓				
+	6447					
=	321.797	✓				
−	1.220					
T.P.	320577	✓				
+	10.062					
=	330.639	✓				
−	0.542					
T.P.	330.097	✓				
+	11,990					
=	342087	✓				
−	2.065					
STA. A-2	340.022	✓				

769420 S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-24-56
INDEXED A. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2246 PG. 138

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. A-2	340022	✓				
+	4.755					
=	344.777	✓				
−	0.939					
STA. A-1	343838	✓				
+	1.834					
=	345672	✓				
−	1.823					
T.B.M. # 22	343.849	✓				
+	7.802					
=	351.651	✓				
−	1.791					
B.M. 50-12	349.860	✓				B.M. 50-12 CRENSHAW BLVD 0.5 MI. N. OF PALOS VERDES DR. S.
+	4.455					
=	354.315	✓				
−	5.525					
STA. B-2	348.790	✓				
+	10.463					
=	359.253	✓				
−	0.699					
T.P.	358.554	✓				
+	11.883					
=	370.437	✓				
−	0.699					
T.P.	369.738	✓				
+	11.652	11.652				
=	381.390	✓				
−	0.337					
T.P.	381.053	✓				

769420 S & E-353 4-54

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NOTES RED. JOB NO. 0304.02 SURVEY OF A. CO. PRECISE LEVEL NET F. B. 2246 Pg. 136
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-24-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	381053	✓				
+	11.463					
⊼	392.516	✓				
−	0.669					
T.P.	391.847	✓				
+	10.532					
⊼	402379	✓				
−	0.180					
TP	402199	✓				
+	11.977					
⊼	414176	✓				
−	0.310					
TP	413866	✓				
+	11.134					
⊼	425000	✓				
−	0.809					
STA. B-1	424.191	✓				
+	7.379					
⊼	431.570	✓				
−	6.654					
T.P.	424916	✓				
+	5.268					
⊼	430184	✓				
−	1.231					
T.P.	428953	✓				
+	11.102					
⊼	440.055	✓				
−	1.706					
STA. C-1	438.349	✓				

768420 S & E-353 4-54

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Do not extend notes this side of this line

JOB NO. 03102 SURVEY OF A. CO. PRECISE LEVEL NF NOTES RED
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-24-56 NOTES CHKD
INDEXED C. Johnson DATE

F.B. 2246 Pg. 140

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. C-1	438.349	✓				
+	3.537					
∑	441.886	✓				
−	4.592					
STA. D-1	437.294	✓				
+	1.144					
∑	438.438	✓				
−	7.540					
T.P.	430.898	✓				
+	1.867					
∑	432.765	✓				
−	8.977					
T.P.	423.788	✓				
+	0.482					
∑	424.270	✓				
−	11.866					
T.P.	412.404	✓				
+	0.179					
∑	412.583	✓				
−	11.282					
TP	401.301	✓				
+	0.330					
∑	401.631	✓				
−	6.119					
STA. D-2	395.512	✓				
+	8.259					
∑	403.771	✓				
−	0.372					
STA. E-2	403.399	✓				

76S420 S & E-353 4-54

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NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO PRECISE LEVEL NET F. B. 2346 PG. 141
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-28-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. E-2	403.399	✓				
+	8.561					
∑	411.960	✓				
−	0.950					
TBM #21	411.010	✓				
+	10.037					
∑	421.047	✓				
−	2.176					
T.P.	418.871	✓				T.P. S. R1N1 CULVERT MANHOLE
+	11.338					
∑	430.209	✓				
−	3.441					
T.P.	426.768	✓				
+	6.487					
∑	433.255	✓				
−	1.473					
T.P.	431.782	✓				L. A. Co. Rd. Const. B.M. ELEV. 432.23
+	1.870					B. SPK IN POWER POLE
∑	433.652	✓				
−	6.888					
T.P.	426.764	✓				
+	11.999					
∑	438.763	✓				
−	3.427					
STA. E-1	435.336	✓				STA. E-1 MEAN OF PREVIOUS ELEVS. 435.330

765420 S & E-353 4-54

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F.B. 2346 Pg. 142

JOB NO 030102 SURVEY OF A. CO. PRECISE LEVELING
SURVEY BY G. E. DREIER NOTES RED. DATE
NOTES BY T. OHASHI DATE 10-24-56 NOTES CHKD.
INDEXED C. Johnson DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA A-1	343.838	✓				STA. A-1 CONTINUED FROM PAGE 138
+	10.344					
Σ	354.182	✓				
−	0.552					
STA. H-1	353.630	✓				
+	0.389					
Σ	354.019	✓				
−	11.563					
T.P.	342.456	✓				
+	1.031					
Σ	343.487	✓				
−	9.976					
STA. H-2	333.511	✓				
+	0.578					
Σ	334.089	✓				
−	11.602					
TP	322.487	✓				
+	3.661					
Σ	326.148	✓				
−	10.519					
STA. H-4	315.629	✓				
+	0.386					
Σ	316.015	✓				
−	11.208					
TP	304.807	✓				
+	8.394					
Σ	313.201	✓				
−	11.808					
T.P.	301.393	✓				

H-2
H-3

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO. C301.02 SURVEY OF L.A.C. Precise Level Net
DATE _____ SURVEY BY G.E. DREIER
NOTES CHKD _____ NOTES BY T. OHASHI DATE 10-24-56
DATE _____ INDEXED K. C. Johnson DATE _____

F.B. 2246 Pg. 143

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	301.393	✓				
+	0208					
=	301.601	✓				
−	11.492					
T.P.	290.109	✓				
+	4.883					
=	294.992	✓				
−	7.119					
STA. I-3	287.873	✓				
+	8.791					
=	296.664	✓				
−	4933					
STA. I-2	291.731	✓				
+	11.988					
=	303.719	✓				
−	0.627					
T.P.	303.092	✓				
+	11011					
=	314.103	✓				
−	0.927					
T.P.	313.176	✓				
+	8.200					
=	321.376	✓				
−	1.737					
STA. I-1	319.639	✓				
+	2.368					
=	322.007	✓				
−	11.742					
T.P.	310.265	✓				

768420 S & E-353 4-54

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JOB NO. 03102 SURVEY OF L.A.Co PRECISE LEVEL NET NOTES RED. DATE
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-24-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F.B. 2246 Pg. 144

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	310.265	✓				
+	0.552					
=	310.817	✓				
−	11.190					
T.P	299.627	✓				
+	0526					
=	300.153	✓				
−	11.177					
T.P	288.976	✓				
+	3.762					
=	292.738	✓				
−	7.015					
T.P	285.723	✓				
+	11.503					
=	297226	✓				
−	0.298					
T.P	296928	✓				
+	4.975					
=	301.903	✓				
−	0.728					
T.P	301.175	✓				
+	8.791					
=	309.966	✓				
−	4.307					
STA. BLAKESLEY	305.659	✓				
+	2.203					
=	307.862	✓				
−	6.648					
T.P.	301.214	✓				

76S420 S & E-353 4-54

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NOTES RED. JOB NO. 030102 SURVEY OF L.A.Co Precise Level Net.
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T.OHASHI DATE 10-24-56
DATE INDEXED. C. Johnson DATE

F. B. 3246 PG. 145

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	301.214	✓				
+	2.673					
=	303.887	✓				
−	11.798					
T.P.	292089	✓				
+	1.731					
=	293.820	✓				
−	11.612					
T.P.	282.208	✓				
+	0.978					
=	283186	✓				
−	11.210					
T.P.	271.976	✓				
+	1.267					
=	273.243	✓				
−	11.800					
T.P.	261.443	✓				
+	2.128					
=	263.571	✓				
−	11 357					
T.P.	252.214	✓				
+	0.950					
=	253164	✓				
−	11.509					
STA. J-1A	241.655	✓				
+	2.052					
=	243,707	✓				
−	6533					
TP	237.174	✓				

765420 S & E-353 4-54

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Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF L.A.Co. Precise Level Net NOTES RED.
SURVEY BY G.E. DREIER DATE
NOTES BY T. OHASHI DATE 10-24-54 NOTES CHKD.
INDEXED C. Johnson DATE

F.B. 2246 Pg. 146

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	237.174	✓				
+	0.396					
=	237.570	✓				
−	9.393					
T.P.	228.177	✓				
+	0.523					
=	228.700	✓				
−	11.754					
P.I. #17	216.946	✓				P.I. #17 L.A. Co. Rd. Dept. Const. B.M.
+	6.478	✓				
=	223.424	✓ 1.71 2				
−	7.766	26				
T.P.	215.658	✓				
+	0.218					
=	215.876	✓				
−	11.859					
T.P.	204.017	✓				
+	0.570					
=	204.587	✓				
−	6.813					
B.M. "D"	197.774	✓				B.M. "D"
+	8.407					
=	206.181	✓				
−	1.585					
T.P.	204.596	✓				
+	11.733					
=	216.329	✓				
−	0.566					
STA. J-1	215.763	✓				

765420 S & E-353 4-54

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NOTES RED. JOB NO. SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 147
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY DATE
DATE INDEXED. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. J-1	215.763	✓				
+	7.332					
=	223.095	✓				
−	3.346					
T.P.	219.749	✓				
+	11.578					
=	231.327	✓				
−	5.542					
STA. J-3	225.785	✓				225.785
18 FT +	4.200		5.497			
223 FT		+0.246	+0.231			MEAN +0.238
−	3.954		5.266			
STA. J-4	226.023	✓				226.023
+	2.319					
=	228.342	✓				
−	11.925					
T.P.	216.417	✓				
+	1.652					
=	218.069	✓				
−	11.583					
RADIAL #2	206.486	✓				
+	6.530					
=	213.016	✓				
−	8.388					
T.P.	204.628	✓				
+	1.967					
=	206.595	✓				
−	1.473					
STA. J-5	205.122	✓				

765420 S & E-353 4-54

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JOB NO. SURVEY of L. A. CO. PRECISE LEVEL NET NOTES RED.
SURVEY BY G. E. DREIER DATE
NOTES BY K. C. Johnson DATE NOTES CHKD.
INDEXED DATE DATE

F. B. 2246 Pg. 118

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA J-5	205.122	✓				
+	11.805					
=	216.927	✓				
−	1.004					
TBM #24	215.923	✓				
+	11.513					
=	227.436	✓				
−	1.044					
T.P.	226.392	✓				
+	10.619					
=	237.011	✓				
−	1.447					
STA G-2	235.564	✓				
+	1.554					
=	237.118	✓				
−	10.723					
TP	226.395	✓				
+	0.987					
=	227.382	✓				
−	11.458					
T.P.	215.924	✓				
+	0.504					
=	216.428	✓				
−	8.670					
T.P.	207.758	✓				
+	1.932					
=	209.690	✓				
−	7.507					
TBM #15	202.183	✓				

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NOTES RED. JOB NO. 031.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 PG. 147
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-24-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. *15	202183	✓				
+	6.779					
Σ	208962	✓				
−	3.837					
T.P.	205.125	✓				
+	6.547					
Σ	211,672	✓				
−	3.889					
BM. 50-13	207.783	✓				B.M. 50-13 ADJ. ELEV. 207868 PALOS VERDES DR. S, E. OF CRENSHAW BLVD. SEE F.B. 2400-22 NOTE POOR CLOSURE

F.B. 2246 PG. 150

JOB NO. 0301.02 SURVEY of A. CO. PRECISE LEVEL NE
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-25-56 NOTES CHKD.
INDEXED C. Johnson DATE NOTES RED. DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM. 50-13	207.864	✓				BM. 50-13 FIELD ELEV. 207.864
+	3.998					PALOS VERDES DR. S. EAST OF
⊼	211.862	✓				CRENSHAW BLVD, A.B. 2400-22
−	6.653					
T.P.	205.209	✓				
+	4.003					
⊼	209.212	✓				
−	6951					
T.B.M. #15	202.261	✓				
+	7.728					
⊼	209.989	✓				
−	2160					
TP	207.829	✓				
+	8622					
⊼	216.451	✓				
−	0.473					
T.B.M. #24	215.978	✓				
+	9.961					
⊼	225.939	✓				
−	0916					
TP	225.023	✓				
+	11.100					
⊼	236.123	✓				
−	0.520					
STA. G-2	235.603	✓				
+	0.729					
⊼	236.332	✓				
−	11.317					
T.P.	225.015	✓				

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NOTES RED ____ JOB NO. 0301.02 SURVEY OF L.A.Co. RELEASE LEVEL NET
DATE ____ SURVEY BY G.E. DREYER
NOTES CHKD ____ NOTES BY T. OHASHI DATE 10-25-56
DATE ____ INDEXED ____ C. Johnson DATE ____

F.B. 2246 Pg. 151

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	225.015	✓				
+	0.812					
=	225.827	✓				
−	9.862					
T.P.	215.965	✓				
+	0.818					
=	216.783	✓				
−	11.621					
STA. J-5	205.162	✓				
+	0.681					
=	205.843	✓				
−	1.626					
T.P.	204.217	✓				
+	8.651					
=	212.868	✓				
−	6.362					
RADIAL #2	206.506	✓				
+	10.608					
=	217.114	✓				
−	0.670					
T.P.	216.444	✓				
+	11.867					
=	228.311	✓				
−	2.268					
STA. J-4	226.043	✓				
20 FT. +	5.202	✓	4.055	✓		226.043 ✓
=		−0.248	−0.239			MEAN −0.243
223 FT. −	5.450		4.294			225.800
STA. J-3	225.800	✓				

765420 S & E-353 4-54

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JOB NO. 030.02 SURVEY OF L.A.Co. Precise Level Net NOTES RED. DATE
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-25-56 NOTES CHKD. DATE
INDEXED C. Johnson DATE

F.B. 2246 Pg. 152

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. J-3	225.800	✓				
+	8.033					
=	233.833	✓				
−	11.531					
T.P	222.302	✓				
+	2.031					
=	224.333	✓				
−	8.553					
STA. J-1	215.780	✓				
+	0.484					
=	216.264	✓				
−	1.1653					
T.P	204.611	✓				
+	1.399					
=	206.010	✓				
−	8.213					
B.M. "D"	197.797	✓				B.M. "D" L.A. Co. Rd. Dept. Const. B.M. STARSHELL LANE
+	6.770					
=	204.567	✓				
−	0.525					
T.P	204.042	✓				
+	11.975					
=	216.017	✓				
−	0.342					
T.P	215.675	✓				
+	8.438					
=	224.113	✓				
−	7.160					
P.I. #17	216.953	✓				

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NOTES RED. JOB NO. 0301 02 SURVEY OF L.A.C. Precise Level Net
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-25-56
DATE INDEXED. A. C. Johnson DATE

F. B. 2246 Pg. 153

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.I. #17	216.953	✓				
+	11.879					
Σ	228832	✓				
−	0.651					
T.P.	228.181	✓				
+	10.664					
Σ	238.845	✓				
−	1.669					
T.P.	237.176	✓				
+	8.164					
Σ	245340	✓				
−	3683					
STA. J-1A	241.657	✓				
+	11.380					
Σ	253037	✓				
−	0827					
T.P.	252.210	✓				
+	11.412					
Σ	263.622	✓				
−	2.183					
T.P.	261.439	✓				
+	11.435					
Σ	272.874	✓				
−	0.893					
T.P.	271.981	✓				
+	11311					
Σ	283.292	✓				
−	1.080					
T.P.	282212	✓				

765420 S & E-353 4-54

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JOB NO 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-25-54 NOTES CHKD.
INDEXED C. Johnson DATE NOTES RED.

F.B. 2246 PG. 184

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN.	ADJ. ELEV.	DESCRIPTION
T.P.	282.212	✓				
+	11.603					
⊼	293.815	✓				
−	1.723					
T.P.	292.092	✓				
+	11.909					
⊼	304.001	✓				
−	2.783					
T.P	301.218	✓				
+	7.718					
⊼	308.936	✓				
−	3.272					
STA BLAKESLEY	305.664	✓				
+	1.054					
⊼	306.718	✓				
−	11.153					
T.P.	295.565	✓				
+	3.048					
⊼	298.613	✓				
−	11.490					
TP	287.123	✓				
+	4.097					
⊼	291.220	✓				
−	6.212					
T.P.	285.008	✓				
+	4.227					
⊼	289.235	✓				
−	8.882					
T.P.	280.353	✓				

769420 S & E-353 4-54

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NOTES RED _____ JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NE F. B. 2246 PG. 155
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD _____ NOTES BY T. OHASHI DATE 8-25-56
DATE _____ INDEXED K. C. Johnson DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	280353	✓				
+	0509					
K	280862	✓				
−	10468					
T.P.	270394	✓				
+	0557					
K	270951	✓				
−	11612					
T.P.	259339	✓				
+	0587					
K	259926	✓				
−	11258					
T.P.	248668	✓				
+	0223					
K	248891	✓				
−	11,048					
T.P.	237843	✓				
+	0352					
K	238195	✓				
−	11579					
T.P.	226616	✓				
+	0957					
K	227573	✓				
−	10587					
T.P.	216986	✓				
+	1,118					
K	218104	✓				
−	9,743					
T.P.	208361	✓				

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JOB NO. 030102 SURVEY OF L. A. CO. PERMISE LEVEL NOTES RED.
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-25-56 NOTES CHKD.
INDEXED C. JOHNSON DATE

F.B. 234 PG. 156

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	208.361	✓				
+	3.464					
=	211.825	✓				
−	7.081					
B.M. "C"	204.744	✓				B.M. "C" LA. Co. Rd. Dept Const. B.M.
+	0.317					
=	205.061	✓				
−	10.040					
T.P.	195.021	✓				
+	1.324					
=	196.345	✓				
−	2.205					
BM 34-17A	194.140	✓				B.M. 34-17A ADJ. ELEV 194.188
+	1.627					PALOS VERDES DR. S. & PEPPERTREE DR.
=	195.767	✓				SEE F.B. 1355 - 44
−	11.411					
T.P.	184.356	✓				
+	0.757					
=	185.113	✓				
−	11.761					
T.P.	173.352	✓				
+	0.621					
=	173.973	✓				
−	11.989					
T.P.	161.984	✓				
+	0.551					
=	162.535	✓				
−	11.012					
T.P.	151.523	✓				

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	151.523	✓				
+	0.683					
⊼	152.206	✓				
−	11.102					
T.P.	141.104	✓				
+	1.380					
⊼	142.484	✓				
−	11.657					
T.P	130.827	✓				
+	0.908					
⊼	131.735	✓				
−	9.232					
T.B.M. #25	122.503	✓				
+	1.711					
⊼	124.214	✓				
−	7.837					
T.P	116.377	✓				
+	0.767					
⊼	117.144	✓				
−	9.192					
T.P	107.952	✓				
+	0.183					
⊼	108135	✓				
−	8.895					
T.P	99.240	✓				
+	1.000					
⊼	100240	✓				
−	11.813					
T.P	88.427	✓				

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NE
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD. _____ NOTES BY TOHASHI DATE 10-25-56
DATE _____ INDEXED J. C. Johnson DATE

F. B. 2246 PG. 157

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JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DIGLER
NOTES BY T. OHASHI DATE 10-25-54
INDEXED C. JOHNSON DATE
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2246 PG. 158

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	88.427	✓				
+	0.503					
Σ	88.930	✓				
−	11.967					
T.P.	76.963	✓				
+	0.527					
Σ	77.490	✓				
−	11.930					
T.P.	65.560	✓				
+	1.357					
Σ	66.917	✓				
−	11.991					
T.P.	54.926	✓				
+	0.698					
Σ	55.624	✓				
−	10.850					
T.P.	44.774	✓				
+	3.013					
Σ	47.787	✓				
−	7.650					
STA K-3	40.137	✓				
+	2.277					
Σ	42.414	✓				
−	7.550					
T.BM #27	34.864	✓				NOTE TBM #27 WAS TORN LOOSE BY ROADWORK. RESET IN SAME SPOT BUT ESTIMATE SPK. TO BE 0.04± LOWER.
+	4.723					
Σ	39.587	✓				
−	6.212					
STA. K-2	33.375	✓				

76S420 S & E-353 4-54

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Do not extend notes this side of this line

NOTES RED. JOB NO. 030402 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 159
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-25-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA - K-2	33375	✓				
+	0.663					
=	34.038	✓				
−	11.820					
T.P.	22.218	✓				
+	2.351					
=	24.569	✓				
−	5.712					
T.P.	18.857	✓				
+	4.340					
=	23.197	✓				
−	5.832					
T.B.M. #26	17.365	✓				
+	4.659					
=	22.024	✓				
−	6.117					
T.P.	15.907	✓				
+	4.171					
=	20.078	✓				
−	3.762					
T.P.	16.316	✓				
+	1.762					
=	18.078	✓				
−	10.562					
P.B. #1	7.516	✓				

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-25-56 NOTES CHKD.
INDEXED A. C. Johnson DATE
NOTES RED. DATE

F.B. 2246 Pg. 160

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-3	40.137	✓				
+	7.566					
Σ	47.703	✓				
−	2.930					
T.P.	44.773	✓				
+	10.759					
Σ	55.532	✓				
−	0.610					
T.P.	54.922	✓				
+	9.337					
Σ	64.259	✓				
−	2.720					
TBM #28	61.539	✓				T.B.M. #28 YACHT HARBOR DR. & BEACHCOMBER RD. N.E. COR. 1.5 FT. S. OF THE S.E. COR. OF FIREHOSE HOUSE BT. SAK SET IN ROCK SEE F.B.
+	9.174					
Σ	70.713	✓				
−	0.262					
T.P.	70.451	✓				
+	11.708					
Σ	82.159	✓				
−	0.220					
T.P.	81.939	✓				
+	8.363					
Σ	90.302	✓				
−	2.405					
STA. K-4	87.897	✓				
+	11.987					
Σ	99.884	✓				
−	0.238					
T.P.	99.646	✓				

76S420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 030403 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 161
DATE SURVEY BY G. F. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-25-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	99.646	✓				
+	11.835					
=	111.481	✓				
−	0.343					
TP	111.138	✓				
+	11.513					
=	122.651	✓				
−	0.176					
T.P.	122.475	✓				
+	10.817					
=	133.292	✓				
−	0.571					
TP	132.721	✓				
+	8.545					
=	141.266	✓				
−	5.280					
STA. K-5	135.986	✓				
+	11.878					
=	147.864	✓				
−	0.379					
T.P.	147.485	✓				
+	11.931					
=	159.416	✓				
−	0.892					
T.P.	158.524	✓				
+	11.629					
=	170.153	✓				
−	0.430					
T.P.	169.723	✓				

F. B2246 Pg. 162

JOB NO. 03102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-25-56 NOTES CHKD.
INDEXED C. Johnson DATE DATE

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	169.723	✓				
+	11.208					
∧	180.931	✓				
−	0.238					
TP.	180.693	✓				
+	11.779					
∧	192.472	✓				
−	0.337					
T.P.	192.135	✓				
+	10.253					
∧	202.388	✓				
−	0.467					
T.P.	201.921	✓				
+	10.020					
∧	211.941	✓				
−	4.132					
BM. 50-13	207.809	✓				BM. 50-13 PALOS VERDES DR. S. & CRENSHAW BLVD. SEE F.B 2400-22 FOR DESC.

765420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M 50-13	207.868	✓				B.M. 50-13 ADJ. ELEV. 207.868
+	4.162					PALOS VERDES DR. S., E. OF CRENSHAW
T	212.030	✓				BLVD, SEE F.B. 2400-22
-	10.047					
T.P	201.983	✓				
+	0.641					
T	202624	✓				
-	10.426					
T.P.	192.198	✓				
+	0.239					
T	192.437	✓				
-	11.679					
T.P.	180.758	✓				
+	0.909					
T	181.667	✓				
-	11.882					
T.P.	169.785	✓				
+	0.570					
T	170.355	✓				
-	11.769					
T.P.	158.586	✓				
+	0.453					
T	159 039	✓				
-	11.492					
T.P.	147.547	✓				
+	0 188					
T	147.735	✓				
-	11.692					
STA. K-5	136.043	✓				

NOTES RED. JOB NO. SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 Pg 63
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY G.E.D. DATE 10-29-56
DATE INDEXED C. Johnson DATE

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. SURVEY of L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREHER DATE NOTES RED.
NOTES BY G.E.D. DATE 10-29-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F.B. 2246 Pg. 164

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA K-5	136.043	✓				CONT.
+	4.952					
⊼	140.995	✓				
−	8.214					
T.P	132.781	✓				
+	0.530					
⊼	133311	✓				
−	10.778					
T.P	122.533	✓				
+	0.557					
⊼	123.090	✓				
−	11.893					
T.P.	111.197	✓				
+	0.490					
⊼	111.687	✓				
−	11.981					
T.P.	99.706	✓				
+	0.226					
⊼	99.932	✓				
−	11.999					
STA. K-4	87.933	✓				
+	2.699					
⊼	90.632	✓				
−	8.650					
T.P	81.982	✓				
+	0.498					
⊼	82.480	✓				
−	11.993					
T.P.	70.487	✓				

769420 S & E-353 4-54

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NOTES RED. JOB NO. 030.02 SURVEY OF A CO. PRECISE LEVEL NET F. B. 2246 PG. 165
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. C. [illegible] DATE 10-22-56
DATE INDEXED. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	70.487	✓				
+	1.071					
=	71.558	✓				
−	9.977					
T.B.M. #28	61.581	✓				
+	2.589					
=	64.170	✓				
−	9.224					
T.P.	54.946	✓				
+	0.873					
=	55.819	✓				
−	11.100					
T.P.	44.719	✓				
+	2.831					
=	47.550	✓				
−	7.472					
STA. K-3	40.078	✓				
+	2.242					
=	42.320	✓				
−	7.419					
T.B.M. #27	34.901	✓				
+	4.562					
=	39.463	✓				
−	6.071					
STA. K-2	33.392	✓				
+	0.460	CALC				
=	33.852	✓				
−	11.592					
T.P.	22.260	✓				

765420 S & E-353 4-54

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-29-56 NOTES CHKD.
INDEXED C. Johnson DATE
NOTES RED

F. B. 2246 Pg. 166

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	22260 ✓					
+	2.319					
=	24.579 ✓					
−	5673					
TP	18.906 ✓					
+	4.326					
=	23.232 ✓					
−	5817					
TBM #26	17.415 ✓					
+	4305					
=	21.720 ✓	1428				
−	5745					
T.P	15.975 ✓					
+	4.039					
=	20.014 ✓	0.403				
−	3629					
T.P.	16385 ✓					
+	0.469					
=	16854 ✓					
−	9.274					
P.B. #1	7.580 ✓					
+	9423					
=	17.003 ✓					
−	0.617					
T.P.	16.386 ✓					
+	3.500					
=	19.886 ✓	0.411				
−	3911					
T.P.	15.975 ✓					

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 Pg. 167
DATE SURVEY BY G. E. DREYER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-29-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	15.975	✓				
+	5.908					
Σ	21.883	✓				
−	4468					
TP	17.415	✓				
+	5.781					
Σ	23.196	✓				
−	4.283					
T.P.	18.913	✓				
+	5.510					
Σ	24.423	✓				
−	2.159					
T.P.	22.264	✓				
+	11.559					
Σ	33.823	✓				
−	0.430					
T.P.	33.393	✓				
+	6.142					
Σ	39.535	✓				
−	4.633					
T. B.M.# 27	34.902	✓				
+	7.337					
Σ	42.239	✓				
−	2.160					
T.P.	40.079	✓				
+	7.832					
Σ	47.911	✓				
−	31.95					
T.P.	44.716	✓				

769420 S & E-353 4-54

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JOB NO. 030103 SURVEY OF L.A. CO. PRECISE LEVEL N°
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-29-56
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2246 Pg. 168

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	44.716	✓				
+	10.893					
∧	55.609	✓				
−	0.663					
T.P.	54946	✓				
+	12004					
∧	66.950	✓				
−	1357					
TP	65.593	✓				
+	11.988					
∧	77.581	✓				
−	0.605					
T.P.	76.976	✓				
+	11.878					
∧	88.854	✓				
−	0.429					
T.P.	88.425	✓				
+	10.982					
∧	99.407	✓				
−	1.132					
T.P.	98.275	✓				
+	9.512					
∧	107.787	✓				
−	0.308					
T.P.	107.479	✓				
+	11.337					
∧	118.816	✓				
−	1.666					
T.P.	117.150	✓				

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NOTES RED. JOB NO. 030103 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 2246 PG. 165
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-24-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	117.150					
+	7.392					
=	124.542	✓				
−	2.003					
T.BM. #25	122.539	✓				
+	8.802					
=	131.341	✓				
−	0.474					
T.P.	130.867	✓				
+	11.580					
=	142.447	✓				
−	1.363					
T.P.	141.084	✓				
+	10.682					
=	151.766	✓				
−	0.241					
T.P.	151.525	✓				
+	11.331					
=	162.856	✓				
−	0.861					
T.P.	161.995	✓				
+	11.988					
=	173.983	✓				
−	0.630					
TP	173.353	✓				
+	11.649					
=	185.002	✓				
−	0.643					
T.P.	184.359	✓				

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-29-56 NOTES CHKD.
INDEXED C. Johnson DATE
NOTES RED. DATE

F.B. 2246 Pg. 170

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	184.359	✓		-		CONT.
+	11.614					
∧	195.973	✓				
-	0.277					
T.P.	195.696	✓				
+	10.566					
∧	206.262	✓				
-	0.403					
T.P	205.859	✓				
+	7.983					
∧	213.842	✓				
-	0.213					
STA K-1	213.629	✓				
+	0.908					
∧	214.537	✓				
-	8.677					
T.P.	205.860	✓				
+	1.191					
∧	207.051	✓				
-	11.354					
T.P	195.697	✓				
+	2.478					
∧	198.175	✓				
-	4.028					
BM-34-17A	194.147	✓				BM. 34-17A. PALOS VERDES DR. S. & PEPPERTREE DRIVE SEE F.B 1355-94 FOR DESC.

769420 S & E-353 4-54

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NOTES RED. JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET F.B. 2346 PG. 171
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-30-56
DATE INDEXED C. Johnson DATE 11-7-56

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 34-17A	194.147	✓				B.M. 34-17A CONTINUED FROM PREVIOUS PAGE
+	6.039					
⊼	200.186	✓				
−	4.160					
T.P.	196.026	✓				
+	6.569					
⊼	202.595	✓				
−	4.211					
T.P.	198.384	✓				
+	5.812					
⊼	204.196	✓				
−	4.643					
T.P.	199.553	✓				
+	11.517					
⊼	211.070	✓				
−	0.558					
T.P.	210.512	✓				
+	10.523					
⊼	221.035	✓				
−	4.136					
P.I. #17	216.899	✓				P.I. #17
+	11.971					
⊼	228.870	✓				
−	10.752					
T.P.	228.118	✓				
+	9.316					
⊼	237.434	✓				
−	0.326					
T.P.	237.108	✓				

768420 S & E-353 4-54

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-30-56
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD DATE

F. B. 2246 Pg. 172

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	237.108	✓				
+	8.017					
=	245.125	✓				
−	3.555					
STA. J-1A	241.570	✓				
+	10.919					
=	252.489	✓				
−	0.377					
T.P.	252.112	✓				
+	11.139					
=	263.251	✓				
−	1.893					
T.P.	261.358	✓				
+	11.402					
=	272.760	✓				
−	0.813					
T.P.	271.947	✓				
+	10.971					
=	282.918	✓				
−	0.745					
T.P.	282.173	✓				
+	11.559					
=	293.732	✓				
−	1.676					
T.P.	292.056	✓				
+	11.750					
=	303.806	✓				
−	2.767					
T.P.	301.039	✓				

765420 S & E-353 4-54

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NOTES RED. JOB NO. 230102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 173
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-30-56
DATE INDEXED C. JOHNSON DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	301.039	✓				
+	7.883					
=	308.922	✓				
−	3.297					
STA. BLAKESLEY	305.625	✓				
P.I. #17	216.899	✓				P.I. #17 CONTINUED FROM PAGE 171
+	6.483					
=	223.382					
−	8.078					
T.P.	215.304					
+	0578					
=	215.882					
−	11.909					
T.P.	203.973					
+	0447					
=	204.420					
−	6.653					
B.M. "D"	197.767					
+	8343					
=	206.110					
−	1.570					
T.P.	204.540					
+	11.425					
=	215.965					
−	0.269					
STA. J-1	215.696					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE NOTES RED
NOTES BY T. OHASHI DATE 10-30-56 NOTES CHKD
INDEXED E. C. Johnson DATE DATE
F. B. 2246 Pg. 174

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. J-1	215.596					
+	8.732					
=	224.328					
−	2.203					
T.P.	222.125					
+	11.563					
=	233.688					
−	8.071					
STA. J-3	225.617					
18FT. +	4.227		6.187			225617
=		+0.252	+0.241			MEAN +0.246 ✓
223FT. −	3.975		5.946			225863
STA. J-4	225.863					
+	1.727					
=	227.590					
−	11.299					
T.P.	216.291					
+	1.749					
=	218.040					
−	11.677					
RADIAL #2	206.363					
+	5.122					
=	211.485					
−	7.409					
T.P.	204.076					
+	1.398					
=	205.474					
−	0.485					
STA. J-5	~~204.989~~ 205.089					

765420 S & E-353 4-54

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NOTES RED. JOB NO. 0301.02 SURVEY OF L.A.C. Precise Level Net
DATE SURVEY BY G.E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-30-56
DATE INDEXED. C. Johnson DATE

F. B. 2246 PG. 175

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. J-5	~~204~~ 989					
+	11.937					
Δ	~~216.926~~ 17.926					
−	1.159					
TBM. #24	215.767					
+	9.878					
Δ	225.645					
−	0.868					
T.P.	224.777					
+	11.185					
Δ	~~235.962~~ 12.962					
−	0.612					
STA. G-2	235.350					
+	0.669					
Δ	236.019					
−	11.244					
T.P.	224.775					
+	0.772					
Δ	225.547					
−	9.790					
T.P.	215.757					
+	0.589					
Δ	216.346					
−	8.712					
T.P.	207.634					
+	1.970					
Δ	209.604					
−	7553					
TBM #15	202.051					

765420 S & E-353 4-54

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-30-56
INDEXED C. JOHNSON DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2346 Pg. 176

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM. #15	202.851					
+	6.907					
=	209.758					
−	3.912					
TP	205.846					
+	6.401					
=	212.247					
−	3.738					
BM. 50-13	208.809					BM. 50-13 PALOS VERDES DR. S. & CRENSHAW BLVD. SEE FB 2400-22

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 23402 SURVEY OF L A M DRAINAGE LEVEL NO. F. B. 2246 PG. 177
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-31-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. SHEILDS	310.321	✓				STA. SHIELDS ELEV. 310.321 MEAN OF PREVIOUS RUNS
+	7.899					
⊼	318220	✓				
−	7.569					
T.P.	310.651	✓				
+	11.803					
⊼	322454	✓				
−	4.259					
T.P.	318.195	✓				
+	4.557					
⊼	322.752	✓				
−	7.033					
STA. G-1	315.719	✓				
+	4.169					
⊼	319.888	✓				
−	2.138					
T.P.	317.750	✓				
+	9.993					
⊼	327743	✓				
−	3.004					
T.P.	324.739	✓				
+	5.028					
⊼	329.767	✓				
−	7.572					
STA. A-4	322.195	✓				
+	11.597					
⊼	333.792	✓				
−	3.859					
T.P.	329.933	✓				

765420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO 430402 SURVEY OF A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-31-56
INDEXED [illegible] DATE
NOTES RED. DATE
NOTES CHKD. DATE
F. B. 2246 PG. 178

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	329.933	✓				
+	5.651					
=	335.584	✓				
−	6.040					
STA. F-3	329.544	✓				
+	11.110					
=	340.654	✓				
−	11.150					
STA. A-3	329.504	✓				
+	7.582					
=	337.086	✓				
−	0.418					
T.P.	336.668	✓				
+	8.360					
=	345.028	✓				
−	1.147					
T.P.	343.881	✓				
+	11.703					
=	355.584	✓				
−	0.562					
T.P.	355.022	✓				
+	11.931					
=	366.953	✓				
−	1.829					
RADIAL #1	365.124	✓				
+	3.295					
=	368.419	✓				
−	9.624					
T.P.	358.795	✓				

768420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	358.795	✓				
+	2.602					
⊼	361.397	✓				
−	11.738					
TP	349.659	✓				
+	02.67					
⊼	349.926	✓				
−	11.212					
T.P.	338.714	✓				
+	0224					
⊼	338938	✓				
−	11.878					
T.P	327.060	✓				
+	0.198					
⊼	327.258	✓				
−	11.949					
T.B.M. #23	315.309	✓				
+	6567					
⊼	321.876	✓				
−	1.326					
T.P	320550	✓				
+	11.507					
⊼	332.057	✓				
−	0212					
T.P.	331.845	✓				
+	11.947					
⊼	343.792	✓				
−	3.7.81					
STA. A-2	340.011	✓				

NOTES RED. JOB NO. 03102 SURVEY OF L.A. CO. DRAINAGE LEVEL NO. F. B. 2246 PG. 179
DATE SURVEY BY G. E. DREYER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-31-56
DATE INDEXED C. Johnson DATE

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 030402 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-31-56 NOTES CHKD
INDEXED C. Johnson DATE NOTES RED. DATE

F. B. 2246 Pg. 180

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. A-2	340.011	✓				
+	4.513					
=	344.524	✓				
−	0.723					
STA. A-1	343.801	✓				
+	1.891					
=	345.692	✓				
−	1.853					
TBM #22	343.839	✓				
+	7.788					
=	351.627	✓				
−	1.839					
BM-50-12	349.788	✓				
+	4.352					
=	354.140	✓				
−	5.437					
STA. B-2	348.703	✓				
+	11.392					
=	360.095	✓				
−	1.008					
T.P.	359.087	✓				
+	11.097					
=	370.184	✓				
−	0.423					
T.P.	369.761	✓				
+	11.518					
=	381.279	✓				
−	0.195					
T.P.	381.084	✓				

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 03202 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 2246 PG. 181
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-31-56
DATE INDEXED. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	381.084	✓				
+	10.013					
∧	391.097	✓				
−	0.282					
T.P.	390.815	✓				
+	8.684					
∧	399.499	✓				
−	4.179					
STA. D-2	395.320	✓				
+	8.083					
∧	403.403	✓				
−	0.342					
STA E-2	403.061	✓				
+	8.256					
∧	411.317	✓				
−	0.527					
T.B.M. #21	410.790	✓				
+	9.552					
∧	420.342	✓				
−	1.522					
T.P.	418.820	✓				T.P. S. RIM OF COUNTY DRAIN M.H.
+	9.352					
∧	428.172	✓				
−	1.442					
T.P.	426.730	✓				
+	6.825					
∧	433.555	✓				
−	1.797					
T.P. R.D.E.M.	431.758	✓				T.P. ROAD DEPT. CONSTRUCTION B.M. EL. 432.23

765420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 0301-02 SURVEY OF L.A. CO. PRECISE LEVEL NET NOTES RED
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 10-31-56 NOTES CHKD
INDEXED C. Johnson DATE
F.B. 2246 Pg. 182

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. RD. B.M.	431.758	✓				
+	1829					
Σ	433.587	✓				
−	6.853					
T.P.	426.734	✓				
+	11.588					
Σ	438.322	✓				
−	2.999					
STA. E-1	435.323	✓				
+	11.193					
Σ	446.516	✓				
−	4.605					
T.P.	441.911	✓				
+	6.920					
Σ	448.831	✓				
−	11.548					
STA. D-1	437.283	✓				
+	4.338					
Σ	441.621	✓				
−	5.008					
T.P.	436.613	✓				
+	10.448					
Σ	447.061	✓				
−	8.797					
STA. C-1	438.264	✓				
+	0.589					
Σ	438.853	✓				
−	9.961					
T.P.	428.892	✓				

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 0304.03 SURVEY OF A.C. PRECISE LEVEL NET
DATE SURVEY BY G. E. DRETER F.B. 2246 PG. 183
NOTES CHKD. NOTES BY T. OHASHI DATE 10-31-56
DATE INDEXED C. JOHNSON DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	428.892	✓				
+	1.262					
=	430.154	✓				
−	5.326					
T.P.	424.828	✓				
+	6.357					
=	431.185	✓				
−	7.078					
STA. B-1	424.107	✓				
+	4.723					
=	428.830	✓				
−	6.992					
T.P.	421.838	✓				
+	5.113					
=	426.951	✓				
−	8.593					
STA. B-1A	418.358	✓				
+	8.263					
=	426.621	✓				
−	1.609					
STA. B-1B	425.012	✓				
+	3.655					
=	428.667	✓				
−	7.289					
T.B.M. #29	421.378	✓				T.B.M. #29
+	6.062					PEPPERTREE DR. & NARCISSA DR.
=	427.440	✓				S.W. COR. BT. SAK. IN POWER POLE
−	8.518					No. 833365E
T.P.	418.922	✓				

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	418.922	✓				
+	0.382					
⊼	419.304	✓				
−	11.883					
TP	407.421	✓				
+	0.226					
⊼	407.647	✓				
−	11.568					
T.P.	396.079	✓				
+	0.431					
⊼	396.510	✓				
−	11.837					
T.P.	384.673	✓				
+	0.752					
⊼	385.425	✓				
−	11.412					
T.P.	374.013	✓				
+	0.979					
⊼	374.992	✓				
−	10.943					
T.P.	364.049	✓				
+	0.603					
⊼	364.652	✓				
−	11.666					
T.P.	352.986	✓				
+	2.324					
⊼	355.310	✓				
−	1.765					
STA. H-1	353.545	✓				

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-31-56
INDEXED [illegible] DATE
NOTES RED DATE
NOTES CHKD DATE

F. B. 2246 PG. 184

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. H-1	353.545	✓				
+	0462					
⊼	354007	✓				
−	11.651					
T.P.	342.356	✓				
+	0879					
⊼	343.235	✓				
−	9.851					
STA. H-2	333.384	✓				
+	0403					
⊼	333.787	✓				
−	11.393					
T.P.	322394	✓				
+	3203					
⊼	325.597	✓				
−	10.108					
STA. H-4	315.489	✓				
+	0.619					
⊼	316108	✓				
−	11427					
T.P.	304.681	✓				
+	7.979					
⊼	312.660	✓				
−	11.358					
T.P.	301.302	✓				
+	0263					
⊼	301.565	✓				
−	11.564					
T.P.	290.001	✓				

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF A CO PRECISE LEVEL NE
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 10-31-56
DATE _____ INDEXED A. C. Johnson DATE _____

F. B. 2246 PG. 185

765420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.03 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE NOTES RED.
NOTES BY T. OHASHI DATE 10-31-56 NOTES CHKD.
INDEXED K. C. Johnson DATE DATE

F. B. 2246 Pg. 186

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	290001	✓				
+	5.107					
=	295108	✓				
−	7323					
STA. I-3	287.785	✓				
+	8.723					
=	296508	✓				
−	4903					
STA. I-2	291.605	✓				
+	11.969					
=	303574	✓				
−	0.596					
T.P.	302.978	✓				
+	11.240					
=	314218	✓				
−	1.131					
T.P.	313087	✓				
+	8.337					
=	321424	✓				
−	1.868					
STA. I-1	319.556	✓				
+	1.481					
=	321.037	✓				
−	10859					
TP	310178	✓				
+	0597					
=	310775	✓				
−	11.253					
T.P.	299.522	✓				

NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 187

DATE SURVEY BY G. E. DREIER

NOTES CHKD. NOTES BY T. OHASHI DATE 10-31-56

DATE INDEXED K. C. Johnson DATE

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	299.522	✓				
+	0.690					
K	300.212	✓				
−	11.321					
TP	288.891	✓				
+	3.648					
K	292.539	✓				
−	6.893					
TP	285.646	✓				
+	11.232					
K	296.878	✓				
−	1.413					
TP	295.465	✓				
+	11.229					
K	306.694	✓				
−	1.125					
STA. BLAKESLEY	305.569	✓				
+	3.318					
K	308.887	✓				
−	7.903					
TP	300.984	✓				
+	2.590					
K	303.574	✓				
−	11.573					
TP	292.001	✓				
+	1.723					
K	293.724	✓				
−	11.606					
TP	282.118	✓				

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER NOTES RED
DATE
NOTES BY T. OHASHI DATE 10-31-52 NOTES CHKD.
INDEXED R. C. Tobinson DATE
DATE

F. B. 2246 Pg. 188

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	282.118	✓				
+	1151					
Σ	283269	✓				
−	11.377					
T.P.	271.892	✓				
+	0197					
Σ	272.089	✓				
−	10796					
T.P.	261.293	✓				
+	1.767					
Σ	263.060	✓				
−	11.020					
T.P	252,040	✓				
+	0.690					
	252.730	✓				
−	11.222					
STA. J-1A	241.508	✓				
+	1.947					
Σ	243455	✓				
−	6.408					
T.P.	237.047	✓				
+	0.785					
Σ	237.832	✓				
−	9.772					
T.P.	228.060	✓				
+	0.195					
Σ	228.255	✓				
−	11.414					
P.I. #17	216.841	✓				

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 PG. 189
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 10-31-56
DATE INDEXED K. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.I. #17	216.841	✓				
+	4.403					
Σ	221.244	✓				
−	10.789					
T.P.	210.455	✓				
+	0.719					
Σ	211.174	✓				
−	11.687					
T.P.	199.487	✓				
+	4.617					
Σ	204.104	✓				
−	5.787					
T.P.	198.317	✓				
+	4.057					
Σ	202.374	✓				
−	6.407					
T.P.	195.967	✓				
+	4.282					
Σ	200.249	✓				
−	6.171					
BM 34-17A	194.078	✓				BM 34-17A ADJ. ELEV. 194.188 PALOS VERDES DR. S. & PEPPERTREE DR. SEE F.B. 1355'-44 NOTE POOR CLOSURE AND IS LOW AGAIN: ~~THINK POSSIBLY THIS B.M. IS SINKING~~? SEE LEVELS PAGES 203 TO 212 FOR GOOD RUN.

F. B. 2246 Pg. 190

JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.

SURVEY BY G. E. DREIER DATE

NOTES BY T. OHASHI DATE NOTES CHKD.

INDEXED K. C. Johnson DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

769420 S & E-353 4-54

PLEASE RETURN TO

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM-50-13	207.868	✓				BM.50-13 ADJ. ELEV. 207.868
+	3.813					PALOS VERDES DR. S. & CRENSHAW BLVD
⊼	211.681	✓				SEE F.B. 2400-22
−	9704					
TP	201.977	✓				
+	1020					
⊼	202.997	✓				
−	10803					
TP	192.194	✓				
+	0.418					
⊼	192.612	✓				
−	11.861					
T.P.	180.751	✓				
+	0.765					
⊼	181.516	✓				
−	11.737					
T.P.	169.779	✓				
+	0.489					
⊼	170.268	✓				
−	11.692					
T.P.	158.576	✓				
+	0.507					
⊼	159.083	✓				
−	11546					
T.P.	147.537	✓				
+	0250					
⊼	147.787	✓				
−	11.752					
STA. K-5	136.035	✓				

NOTES RED. JOB NO. 030102 SURVEY OF 1 & CO PRECISE LEVEL NET F.B. 2246 PG. 191
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-1-56
DATE INDEXED A. C. Johnson DATE

769420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF L.A. CO PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-1-56 NOTES CHKD
INDEXED A. C. Johnson DATE

F. B. 2246 Pg. 192

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-5	136.035	✓				
+	5.277					
Σ	141.312	✓				
−	8.541					
T.P.	132.771	✓				
+	0.192					
Σ	132.963	✓				
−	10.444					
T.P.	122.519	✓				
+	0.422					
Σ	122.941	✓				
−	11.757					
T.P.	111.184	✓				
+	0.459					
Σ	111.643	✓				
−	11.953					
T.P.	99.690	✓				
+	0.199					
Σ	99.889	✓				
−	11.990					
STA. K-4	87.899	✓				
+	2.706					
Σ	90.605	✓				
−	8.651					
T.P.	81.954	✓				
+	0.188					
Σ	82.142	✓				
−	11.700					
T.P.	70.442	✓				

765420 S & E-353 4-54

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Do not extend notes this side of this line

NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 Pg. 193
DATE SURVEY BY G. E. DREYER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-1-56
DATE INDEXED. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	70.442	✓				
+	1.433					
=	71.875	✓				
−	10.325					
TBM #28	61.550	✓				
+	2.767					
=	64.317	✓				
−	9.415					
T.P.	54.902	✓				
+	0.602					
=	55.504	✓				
−	10.877					
T.P.	44.627	✓				
+	3.109					
=	47.736	✓				
−	7.751					
STA. K-3	39.985	✓				
+	2.213					
=	42.198	✓				
−	7.327					
TBM #27	34.871	✓				
+	4.445					
=	39.316	✓				
−	5.969					
STA. K-2	33.347	✓				
+	0.457					
=	33.804	✓				
−	11.577					
T.P.	22.227	✓				

768420 S & E-353 4-54

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-1-56 NOTES CHKD
INDEXED DATE DATE
NOTES RED. DATE

F.B. 2246 Pg. 194

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	22227	✓				
+	2.271					
⊼	24.498	✓				
−	5.631					
T.P.	18.867	✓				
+	4291					
⊼	23.158	✓				
−	5790					
T.B.M. #26	17.368	✓				
+	4.396					
⊼	21.764	✓				
−	5.826					
T.P.	15.938	✓				
+	3851					
⊼	19.789	✓				
−	3.461					
T.P.	16.328	✓				
+	0532					
⊼	16.860	✓				
−	9.338					
P.B. #1	7.522	✓				
T.B.M. #27	34.871	✓				T.B.M. #27 CONTINUED FROM PAGE 193
+	7.250					
⊼	42.121	✓				
−	2.139					
STA. K-3	39.982	✓				

765420 S & E-353 4-54

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NOTES RED _____ JOB NO. 030,02 SURVEY OF L.A. CO PRECISE LEVEL NET F. B. 2346 Pg. 185
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD _____ NOTES BY T. OHASHI DATE 11-1-56
DATE _____ INDEXED C. J. JOHNSON DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-3	39.982	✓				CONT. FROM PREVIOUS PAGE
+	7.916					
Σ	47.898	✓				
-	3.274					
T.P.	44.624	✓				
+	10.898					
Σ	55.522	✓				
-	0.623					
T.P.	54.899	✓				
+	11.992					
Σ	66.891	✓				
-	1.335					
T.P.	65.556	✓				
+	11.917			-195		
Σ	77.473	✓				
-	0.554					
T.P.	76.919	✓				
+	11.988					
Σ	88.907	✓				
-	0553					
T.P.	88.354	✓				
+	11.640					
Σ	99.994	✓				
-	1.826					
T.P.	98.168	✓				
+	10.072					
Σ	108.240	✓				
-	0.784					
T.P.	107.456	✓				

765420 S & E-353 4-54

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED
SURVEY BY G. E. DRETER DATE
NOTES BY T. OHASHI DATE 11-1-56 NOTES CHKD
INDEXED [illegible] DATE

F. B. 2246 Pg. 196

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	107456	✓				
+	10.841					
=	118297	✓				
−	1.163					
T.P.	117.134	✓				
+	7.819					
=	124.953	✓				
−	2.428					
T.B.M. #25	122.525	✓				
+	8528					
=	131053	✓				
−	0.200					
T.P.	130.853	✓				
+	11.395					
=	142.248	✓				
−	1.198					
T.P.	141.050	✓				
+	10.909					
=	151.959	✓				
−	0.443					
T.P.	151.516	✓				
+	10.999					
=	162.515	✓				
−	0.532					
T.P.	161.983	✓				
+	11.993					
=	173976	✓				
−	0.636					
T.P.	173.340	✓				

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	173.340	✓				
+	11.660					
⊼	185.000	✓				
−	0657					
T.P.	184.343	✓				
+	11622					
⊼	195.965	✓				
−	0.284					
T.P.	195.681	✓				
+	11.711					
⊼	207.392	✓				
−	1.550					
TP	205842	✓				
+	8.846					
⊼	214.688	✓				
−	1.078					
STA. K-1	213.610	✓				
+	0.990					
⊼	214.600	✓				
−	8.757					
T.P.	205.843	✓				
+	1.365					
⊼	207.208	✓				
−	11.528					
T.P.	195.680	✓				
+	1.664					
⊼	197.344	✓				(see note at end) ~~OK~~
−	3.211					
BM 34-17A	194.133	✓				B.M. 34-17A ADJ. ELEV. 194.188 PALOS VERDES DR. & PEPPERTREE DR. SEE F.B. 1355-44

NOTES RED. JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 PG. 197
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-1-56
DATE INDEXED ~~A.~~ C. Johnson DATE

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER NOTES RED
NOTES BY T. OHASHI DATE 11-1-56 NOTES CHKD
INDEXED E. C. JOHNSON DATE DATE

F. B. 2246 Pg. 158

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 34-17A	194.133	/				
+	5.962					
⊼	200.095	✓				
−	4.097					
T.P.	195.998	✓				
+	5.923					
⊼	201.921	✓				
−	3.562					
T.P.	198.359	✓				
+	5.684					
⊼	204.043	✓				
−	4.542					
TP	199.501	✓				
+	5.867					
⊼	205.368	✓				
−	4.915					
T.P.	200.453	✓				
+	4.322					
⊼	204.775	✓				
−	6.578					
T.P.	198.197	✓				
+	6.190					
⊼	204.387	✓				
−	6.645					
BM. "D"	197.742	✓				
+	8.726	✓				
⊼	206.468					
−	1.979	✓				
TP	204.489					

768420 S & E-353 4-54

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NOTES RED. JOB NO. 2301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2346 PG. 122
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-1-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	204.489	✓				
+	11.464					
=	215.953	✓				
−	0.327					
STA. J-1	215.626	✓				
+	8.383					
=	224.009	✓				
−	1.863					
T.P.	222.146	✓				
+	11.652					
=	233.798	✓				
−	8.158					
STA. J-3	225.640	✓				
+	4.461		5.620			225.640
=		+0.250	+0.267		MEAN	+0.258
−	4.211		5.353			225.898
STA. J-4	225.898	✓				
+	1.808					
=	227.706	✓				
−	11.373					
TP	216.333	✓				
+	0.718					
=	217.051	✓				
−	10.662					
RADIAL #2	206.389	✓				
+	4.798					
=	211.187	✓				
−	7.088					
TP	204.099	✓				

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JOB NO. 030183 SURVEY OF L. A. CO. PRECISE LEVEL NO.
SURVEY BY G. E. DREIER NOTES RED
NOTES BY T. OHASHI DATE 11-1-56 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F. B. 2246 Pg. 200

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	204.099	✓				
+	1.593					
=	205.692	✓				
−	0.686					
STA. J-5	205.006	✓				
+	11.857					
=	216.863	✓				
−	1.082					
TBM #24	215.781	✓				
+	9.799					
=	225.580	✓				
−	0.791					
T.P.	224.789	✓				
+	11.324					
=	236.113	✓				
−	0.759					
STA. G-2	235.354	✓				
+	0.718					
=	236.072	✓				
−	11.290					
T.P.	224.782	✓				
+	0.760					
=	225.542	✓				
−	9.764					
T.P.	215.778	✓				
+	0.493					
=	216.271	✓				
−	8.606					
T.P.	207.665	✓				

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	207.665	✓				
+	1.959					
=	209.624	✓				
−	7.548					
TBM.* 15	202.076	✓				
+	6.764					
=	208.840	✓				
−	3.757					
T.P.	205.083	✓				
+	6.378					
=	211.461	✓				
−	3.722					
BM.50-13	207.739	✓				B.M.50-13 ADJ. ELEV. 207.868 PALOS VERDES DR. S. & CRENSHAW BLVD. SEE F.R. 2400-22
						POOR CLOSURE, WILL RERUN STARTING ON PAGE 213

NOTES RED _____ JOB NO 036102 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 PG. 201
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 11-1-56
DATE _____ INDEXED C. Johnson DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM50-13	207.868	✓				B.M. 50-13 ADJ. ELEV. 207.868
+	4.046					PALOS VERDES DR. S. & CRENSHAW BLVD.
⊼	211.914	✓				SEE F.B. 2400-22 FOR DESC.
−	9.933					
T.P.	201.981	✓				
+	0.718					
⊼	202.699	✓				
−	10.503					
TP	192.196	✓				
+	0.539					
⊼	192.735	✓				
−	11.976					
T.P.	180.759	✓				
+	0683					
⊼	181.442	✓				
−	11.657					
TP	169.785	✓				
+	0.327					
⊼	170.112	✓				
−	11.525					
TP	158.587	✓				
+	0.341					
⊼	158.928	✓				
-	11.378					
T.P	147.550	✓				
+	0.428					
⊼	147.978	✓				
-	11.929					
STA K-5	136.049	✓				

NOTES RED ____ JOB NO. 0301.02 SURVEY OF L.A. CO PRECISE LEVEL NET
DATE ____ SURVEY BY G. E. DREIER
NOTES CHKD. ____ NOTES BY T. OHASHI DATE 11-2-56
DATE ____ INDEXED ____ C. Johnson DATE ____

F.B. 2246 PG. 203

768420 S & E-353 4-54

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. F. DREIER NOTES RED.
NOTES BY T. OHASHI DATE 11-2-56 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F.B. 2246 Pg. 204

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-5	136.049	✓				
+	5.088					
Σ	141.137	✓				
−	8.352					
T.P.	132.785	✓				
+	1.247					
Σ	134.032	✓				
−	11.493					
TP	122.539	✓				
+	0.285					
Σ	122.824	✓				
−	11.622					
T.P.	111.202	✓				
+	0.456					
Σ	111.658	✓				
−	11.950					
T.P.	99.708	✓				
+	0.182					
Σ	99.890	✓				
−	11.983					
STA. K-4	87.907	✓				
+	2.408					
Σ	90.315	✓				
−	8.713					
T.P.	81.602	✓				
+	0.594					
Σ	82.196	✓				
−	11.741					
T.P.	70.455	✓				

765420 S & E-353 4-54

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NOTES RED
DATE
NOTES CHKD.
DATE
JOB NO 030.02 SURVEY OF A. CO. PRECISE LEVEL NET F.B. 2246 Pg. 205
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-2-56
INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	70.455	✓				
+	1.246					
=	71.701	✓				
−	10.126					
T.B.M. #28	61.575	✓				
+	2.678					
=	64.253	✓				
−	9.329					
T.P.	54.924	✓				
+	0.827					
=	55.751	✓				
−	11.113					
T.P.	44.638	✓				
+	3.272					
=	47.910	✓				
−	7.913					
STA. K-3	39.997	✓				
+	2.408					
=	42.405	✓				
−	7.492					
T.B.M. #27	34.913	✓				
+	4.642					
=	39.555	✓				
−	6.173					
STA. K-2	33.382	✓				
+	0.871					
=	34.253	✓				
−	11.979					
T.P.	22.274	✓				

765420 S & E-353 4-54

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JOB NO 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. GHASEMI DATE 11-2-56 NOTES CHKD. DATE
INDEXED C. Johnson DATE NOTES RED. DATE

F. B. 2246 Pg. 206

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	22.274	✓				
+	2.337					
=	24.611	✓				
−	5.701					
TP	18.910	✓				
+	4.440					
=	23.350	✓				
−	5.942					
TBM #26	17.408	✓				
+	4.421					
=	21.829	✓				
−	5.841					
TP.	15.988	✓				
+	4.086					
=	20.074	✓				
−	3.689					
T.P	16.385	✓				
+	1.679					
=	18.064	✓				
−	10.477					
P.B. #1	7.587	✓				
TBM #28	61.575	✓				TBM #28 CONT. FROM PAGE 205
+	4.277					
=	65.852	✓				
−	0.270					
T.P.	65.582	✓				

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	65.582	✓				
+	11.968					
=	77.550	✓				
−	0.600					
TP	76.950	✓				
+	11.633					
=	88.583	✓				
−	0.206					
T.P.	88.377	✓				
+	11.721					
=	100.098	✓				
−	1.912					
T.P.	98.186	✓				
+	9.878					
=	108.064	✓				
−	0.559					
T.P.	107.505	✓				
+	11.009					
=	118.514	✓				
−	1.335					
TP	117.179	✓				
+	8.068					
=	125.247	✓				
−	2.673					
TBM. #25	122.574	✓				
+	8.930					
=	131.504	✓				
−	0.603					
T.P.	130.901	✓				

NOTES RED _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED _____ DATE _____

JOB NO. C301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET F. B. 2246 PG. 207
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-2-54
C. Johnson DATE

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F.B. 2246 Pg. 208

JOB NO 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-2-56
INDEXED K. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	130.901	✓				
+	11.419					
⊼	142.320	✓				
−	1.238					
T.P.	141.082	✓				
+	11.052					
⊼	152.134	✓				
−	0.587					
T.P.	151.547	✓				
+	11.662					
⊼	163.209	✓				
−	1.192					
TP	162.017	✓				
+	11.754					
⊼	173.771	✓				
−	0.399					
TP	173.372	✓				
+	11.838					
⊼	185.210	✓				
−	0.833					
TP	184.377	✓				
+	11.802					
⊼	196.179	✓				
−	0.465					
T.P.	195.714	✓				
+	11.516					
⊼	207.230	✓				
−	1.351					
T.P.	205.879	✓				

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	205.879	✓				
+	8.848					
⊼	214.727	✓				
−	1.083					
STA. K-1	213.644	✓				
+	1.037					
⊼	214.681	✓				
−	8.803					
T.P.	205.878	✓				
+	1.371					
⊼	207.249	✓				
−	11.537					
T.P.	195.712	✓				
+	1.970					
⊼	197.682	✓				
−	3.512					
BM 34-17A	194.170	✓				B.M. 34-17A
+	6.080					PALOS VERDES DR.S. & PEPPERTREE DR.
⊼	200.250	✓				SEE F.B. 1355-44 FOR DESC.
−	4.199					
T.P.	196.051	✓				
+	6.190					
⊼	202.241	✓				
−	3.857					
T.P.	198.384	✓				
+	5.908					
⊼	204.292	✓				
−	4.739					
T.P.	199.553	✓				

NOTES RED. _____ JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 209
DATE _____ SURVEY BY G. E. DREYER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 11-2-56
DATE _____ INDEXED C. Johnson DATE

765420 S & E-353 4-54

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Do not extend notes this side of this line

JOB NO. 03102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY TOMASHI DATE 11-2-56
INDEXED A. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2246 Pg. 210

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	199.553	✓				
+	6.048					
=	205.601	✓				
−	5.102					
T.P.	200.499	✓				
+	4.473					
=	204.972	✓				
−	6.707					
T.P.	198.265	✓				
+	6.371					
=	204.636	✓				
−	6.811					
BM. "D"	197.825	✓				
+	8.047					
=	205.872	✓				
−	1.303					
T.P.	204.569	✓				
+	11.498					
=	216.067	✓				
−	0.353					
STA. J-1	215.714	✓				
+	8.628					
=	224.342	✓				
−	2.108					
T.P.	222.234	✓				
+	11.819					
=	234.053	✓				
−	8.324					
STA. J-3	225.729	✓				

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
STA. J-3	225.729 ✓										
+	4.400	1	4.628				225.729				
⊼		+0.269	+0.238 ✓			MEAN	+0.253				
−	4.131		4.390				225.982				
STA. J-4	225.982 ✓										
+	1.993										
⊼	227.975 ✓										
−	11.556										
T.P.	216.419 ✓										
+	1.098										
⊼	217.517 ✓										
−	11.022										
RADIAL #2	206.495 ✓										
+	5.867										
⊼	212.362 ✓										
−	8.153										
T.P.	204.209 ✓										
+	1.747										
⊼	205.956 ✓										
−	0.820										
STA. J-5	205.136 ✓										
+	11.842										
⊼	216.978 ✓										
−	1.075										
TBM. #24	215.903 ✓										
+	9.852										
⊼	225.755 ✓										
−	0.852										
T.P.	224.903 ✓										

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 11-2-56
DATE _____ INDEXED C. Johnson DATE _____

F. B. 2246 PG. 211

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	224.903	✓				
+	11.348					
⊼	236.251	✓				
−	0.780					
STA. G-2	235.471	✓				
+	0.720					
⊼	236.191	✓				
−	11.288					
T.P.	224.903	✓				
+	0.842					
⊼	225.745	✓				
−	9.842					
T.P.	215.903	✓				
+	0.479					
⊼	216.382	✓				
−	8.587					
T.P.	207.795	✓				
+	1.903					
⊼	209.698	✓				
−	7.492					
TBM. #15	202.206	✓				
+	6.891					
⊼	209.097	✓				
−	3.876					
T.P.	205.221	✓				
+	6.573					
⊼	211.794	✓				
−	3.912					
BM. 50-13	207.882	✓				

No adj. [illegible]
ADJ. ELEV. 207,868
BM. 50-13 PALOS VERDES DR. S & CRENSHAW BLVD. SEE F.B 2400-22

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-2-56
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2246 PG. 212

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Do not extend notes this side of this line

NOTES RED. JOB NO. 03.01.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 213
DATE SURVEY BY G. E. DREIER PORTUGUESE
NOTES CHKD. NOTES BY T. OHASHI DATE 11-7-56
DATE INDEXED. K. C. Johnson DATE 11-13-56 BEND SLIDE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. SHIELDS	310.321				310.321	STA. SHIELDS
+	7.667		8.070	8.033		MEAN FIELD ELEV. OF PREVIOUS
=	317.988	-0.071	-0.179	-0.186	-0.182	RUNS. 310.321
−	7.738		8.249	8.219		
T.P.	310.250				310.139	
+	11.306		11.510	11.650		NOTE:-THIS RUN MADE WITH BERGER
=	321.556	+8.032	+8.062	+8.068	+8.065	INSTRUMENT NO. 50010
−	3.274		3.448	3.582		
T.P.	318.282				318.204	
+	4.420		4.226	4.123		315.804
=	322.702	-2.478	-2.477	-2.479	-2.478	315.726
−	6.898		6.703	6.602	726	.078
STA. G-1	315.804				315.726	NOTE. ERROR OF SOME SORT IN
+	4.289					FIRST RUN BETWEEN STA. SHIELDS
=	320.093					AND STA. G-1, ELEV. FROM G-1
−	2.252					TO END OF RUN SHOULD BE
T.P.	317.841					0.078 LOWER.
+	10.070					
=	327.911					
−	3.082					
T.P.	324.829					
+	5.159					
=	329.988					
−	7.706					
STA. A-4	322.282				322.204	
+	11.605					
=	333.887					
−	3.867					
T.P.	330.020				329.942	

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JOB NO 0301.03 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-7-56
INDEXED J. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2246 PG. 214

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	330.020	✓			329.942	NOTE SUBTRACT 0.078 FROM ELEV
+	5.640					
=	335.660					
−	6.177					
STA. F-3	329.483				329.405	
+	11.206					
=	340.689					
−	11.158					
STA. A-3	329.531				329.453	
+	7.630					
=	337.161					
−	0.445					
T.P.	336.716					
+	8.207					
=	344.923					
−	0.991					
TP	343.932					
+	11.651					
=	355.583					
−	0.507					
TP	355.076					
+	11.978					
=	367.054					
−	1.875					
RADIAL #1	365.179				365.101	
+	3.603					
=	368.782					
−	9.918					
T.P.	358.864				358.786	

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NOTES RED. JOB NO. 03102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 215
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-7-56
DATE INDEXED H. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	358.864				358.786	NOTE SUBTRACT 0.078 FROM ELEV.
+	2.813					
=	361.677					
−	11.941					
T.P.	349.736					
+	0.000					
=	349.736					
−	10.958					
T.P.	338.778					
+	0.258					
=	339.036					
−	11.919					
T.P.	327.117					
+	0.242					
=	327.359					
−	11.997					
T.B.M. #23	315.362				315.284	
+	6.258					
=	321.620					
−	1.017					
T.P.	320.603					
+	11.483					
=	332.086					
−	0.185					
T.P.	331.901					
+	10.870					
=	342.771					
−	2.678					
STA. A-2	340.093				340.015	

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JOB NO 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED. DATE
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-7-56 NOTES CHKD
INDEXED M. C. Johnson DATE

F. B 2246 Pg. 216

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. A-2	340.093				340.015	SUBTRACT 0.078 FROM ELEV.
+	4.390					
=	344.483					
−	0.602					
STA. A-1	343.881				343.803	
+	1.669					
=	345.550					
−	1.603					
TBM #22	343.947				343.869	
+	7.874					
=	351.821					
−	1.987					
BM. 50-12	349.834				349.756	
+	4.597					
=	354.431					
−	5.700					
STA. B-2	348.731				348.653	
+	11.665					
=	360.396					
−	1.317					
T.P.	359.079				359.001	
+	11.000					
=	370.079					
−	0.366					
T.P.	369.713				369.635	
+	11.757					
=	381.470					
−	0.433					
T.P.	381.037				380.959	

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NOTES RED. JOB NO. 030103 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 PG. 217
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-7-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	381.037				380.959	NOTE SUBTRACT 0.078 FROM ELEV.
+	10.219					
=	391.256					
−	0.487					
T.P.	390.769					
+	8.579					
=	399.348					
−	4.092					
STA. D-2	395.256				395.178	
+	8.909					
=	404.165					
−	1.301					
STA. E-2	402.864				402.786	
+	8.517					
=	411.381					
−	0.673					
TBM. #21	410.708				410.630	
+	9.802					
=	420.510					
−	1.593					
T.P.	418.917					T.P. S. RIM OF STORM DRAIN MANHOLE
+	10.753					
=	429.670					
−	2.828					
T.P.	426.842					
+	6.563					
=	433.405					
−	1.531					
T.B.M.	431.874				431.796	T.B.M. L.A.Co. RD. DEPT CONST T.B.M. 43223

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 11-7-56
INDEXED A. C. Johnson DATE
NOTES RED.
NOTES CHKD.

F. B 2246 Pg. 28

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M.	431.874				431.796	SUBTRACT 0.078 FROM ELEV.
+	1.544					
=	433.418					
−	6577					
T.P.	426.841					
+	11.670					
=	438511					
−	3.068					
STA. E-1	435.443				435.365	11-8-56 Stat
+	10940					
=	446.383					
−	4.351					
T.P.	442032					
+	2.518					
=	444.550					
−	7.146					
STA. D-1	437.404				437.326	
+	6.668					
=	444.072					
−	7.329					
T.P.	436.743					
+	9.813					
=	446556					
−	8.253					
STA. C-1	438.303				438.225	
+	0.470					
=	438.773					
−	9.804					
T.P.	428.969				428.891	

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NOTES RED _____ JOB NO. C30102 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 219
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD _____ NOTES BY T. OHASHI DATE 11-8-54
DATE _____ INDEXED C. Johnson DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	428.969				428.891	NOTE SUBTRACT 0.078 FROM ELEV.
+	1.418					
=	430.387					
−	5.532					
TP	424.855					
+	6.581					
=	431.436					
−	7.291					
STA. B-1	424.145				424.067	
+	.498					
=	428.643					
−	6.750					
TP.	421.893					
+	5.420					
=	427.313					
−	8.890					
STA. B-1A	418.423				418.345	
+	8.718					
=	427.141					
−	2.057					
STA. B-1B	425.084				425.006	
+	3.741					
=	428.825					
−	7.344					
TBM #29	421.481				421.403	TBM #29
+	.013					PEPPERTREE DR. & NARCISSA DR.
=	427.494					S.W. COR. BT. SPK IN P.P. 838365E
−	8.465					
T.P.	419.029				418.951	

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JOB NO. 0301.02 SURVEY OF 1 A.CO PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-8-56
INDEXED C. JOHNSON DATE

NOTES RED DATE
NOTES CHKD DATE

F.B. 2246 PG. 220

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	419029				418.951	SUBTRACT 0.078 FROM ELEV.
+	0.191					
Σ	419.220					
−	11.662					
T.P.	407558					
+	0.509					
Σ	408067					
−	11.835					
TP	396232					
+	0.528					
Σ	396760					
−	11.939					
TP	384821					
+	0.240					
Σ	385061					
−	10.893					
TP	374168					
+	1.878					
Σ	376046					
−	11.872					
TP	364174					
+	0485					
Σ	364659					
−	11.550					
T.P.	353109					
+	3.590					
Σ	356699					
−	3.027					
STA H-1	353672				353.594	

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Do not extend notes this side of this line

NOTES RED. DATE
NOTES CHKD. DATE
INDEXED DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 Pg. 234
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-8-56
C. Johnson

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. H-1	353.672				353.594	NOTE SUBTRACT 0.078 FROM ELEV.
+	0.368					
=	354.040					
−	11.567					
T.P.	342.473					
+	0468					
=	342.941					
−	9463					
STA. H-2	333.478				333.400	
+	0.737					
=	334.215					
−	11.699					
TP	322.516					
+	2.862					
=	325.378					
−	9813					
STA. H-4	315.565				315.487	
+	0.723					
=	316288					
−	11.504					
TP	304.784					
+	8.100					
=	312.884					
−	11.440					
T.P.	301.444					
+	0.411					
=	301.855					
−	11.719					
T.P.	290.136				290.058	

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 11-8-56 NOTES CHKD
INDEXED K. C. Johnson DATE NOTES RED.

F. B. 2246 Pg. 222

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	290.136				290.058	SUBTRACT 0.078 FROM ELEV
+	5.143					
=	295.279					
−	7.338					
STA. I-3	287.941				287.863	
+	8.767					
=	296.708					
−	4.983					
STA. I-2	291.725				291.647	
+	11.640					
=	303.365					
−	0.250					
TP	303.115					
+	11.413					
=	314.528					
−	12.83					
TP	313.245					
+	7.727					
=	320.972					
−	1.251					
STA. I-1	319.721				319.643	
+	1.788					
=	321.509					
−	11.176					
T.P.	310.333					
+	0.532					
=	310.865					
−	11.201					
T.P.	299.664				299.586	

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NOTES RED. JOB NO. 0301.02 SURVEY OF
DATE SURVEY BY
NOTES CHKD. NOTES BY T. CHASHI DATE 11-8-56
DATE INDEXED A. C. Johnson DATE

F. B. 2246 PG. 223

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	299.664				299.586	SUBTRACT 0.078 FROM ELEV.
+	0.463					
=	300.127					
−	11.087					
T.P.	289.040					
+	3.582					
=	292.622					
−	6.380					
T.P.	286.242					
+	11.901					
=	298.143					
−	2.522					
T.P.	295.621					
+	11.312					
=	306.933					
−	1.202					
STA. BLAKESLEY	305.731				305.653	
+	1.984					
=	307.715					
−	6.570					
T.P.	301.145					
+	2.842					
=	303.987					
−	11.823					
T.P.	292.164					
+	1.071					
=	293.235					
−	10.959					
T.P.	282.276				282.198	

769420 S & E-383 4-54

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Do not extend notes this side of this line

JOB NO 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE NOTES RED.
NOTES BY T. Quasdl DATE 11-8-56 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F.B. 2246 Pg. 224

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	282.276				282.198	SUBTRACT 0.078 FROM ELEV.
+	0.502					
=	282.778					
—	10.727					
T.P.	272.051					
+	0.574					
=	272.625					
—	11.251					
T.P.	261.374					
+	2.088					
=	263.462					
—	11.364					
T.P.	252.098					
+	0.530					
=	252.628					
—	11.035					
STA. J-14	241.593				241.515	
+	3.636					
=	245.229					
—	8.077					
T.P.	237.152					
+	0.725					
=	237.877					
—	9.702					
T.P	228.175					
+	0.767					
=	228.942					
—	11.972					
B.M. P.I. #17	216.970				216.892	

765420 S & E-353 4-54

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NOTES RED
DATE
NOTES CHK'D
DATE
INDEXED
DATE

JOB NO. 030102 SURVEY OF L.A. CO. ENGINEER ELEV. NO. F.B. 2246 PG. 225
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-8-56
C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. P.I #17	216.970				216.892	SUBTRACT 0.078 FROM ELEV.
+	3.063					
=	220.033					
-	9.463					
T.P	210.570					
+	0.758					
=	211.328					
-	11.751					
T.P.	199.577					
+	4.637					
=	204.214					
-	5.872					
T.P.	198.342					
+	4.312					
=	202.654					
-	6.518					
T.P.	196.136					
+	4.360					194.264
=	200.496					- .078
-	6.232					194.186
BM. 34-17A	194.264				194.186	BM. 34-17A ADJ. ELEV. 194.188
+	6.181					PALOS VERDES DR S. & PEPPER-
=	200.445					TREE DR. SEE F.B. 1355-44.
-	4.318					
T.P	196.127					
+	6.426					
=	202.553					
-	4.126					
T.P.	198.427				198.349	

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NE
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-8-56
INDEXED M. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2246 Pg. 226

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	198.427				198.349	SUBTRACT 0.078 FROM ELEV.
+	5.778					
=	204.205					
−	4633					
T.P.	199.572					
+	6.138					
=	205.710					
−	5143					
T.P.	200.567					
+	4.589					
=	205.156					
−	6.850					
T.P.	198.306					
+	6.304					
=	204.610					
−	6.692					
B.M. "D"	197.918				197.840	
+	8.238					
=	206.156					
−	1.557					
T.P.	204.599					
+	11.398					
=	215.997					
−	0273					
STA. J-1	215.724				215.646	
+	8.502					
=	224.226					
−	1.983					
T.P.	222.243				222.165	

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NOTES RED. JOB NO. 03-01-02 SURVEY OF L. A. CO PRECISE LEVEL NET F.B. 2246 PG. 227
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-8-56
DATE INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	222.243				222.165	SUBTRACT 0.078 FROM ELEV.
+	11.260					
=	233.503					
−	7.765					
STA. J-3	225.738				225.660	
+	4.538		4.773			225.738
		+0.286	+0.254			MEAN +0.270
−	4.252		4.519			226.008
STA. J-4	226.008				225.930	
+	2.359					
=	228.367					
−	11.889					
TP.	216.478					
+	1.437					
=	217.915					
−	11.361					
RADIAL #2	206.554				206.476	
+	4.701					
=	211.255					
−	7.000					
TP.	204.255					
+	2.304					
=	206.559					
−	1.403					
STA. J-5	205.156				205.078	
+	11.995					
=	217.151					
−	1.251					
T.B.M. #24	215.900				215.822	

F. B. 2246 PG. 228

JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET NOTES RED.

SURVEY BY G. E. DREIER DATE

NOTES BY T. OHASHI DATE 11-8-56 NOTES CHKD.

INDEXED A. C. Johnson DATE DATE

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #24	215.900				215.822	
+	0.410					SUBTRACT 0.078 FROM ELEV.
⊼	216.310					
−	8.478					
TP	207.832					
+	1.872					
⊼	209.704					
−	7.480					
TBM #15	202.224				202.146	
+	7.011					
⊼	209.235					
−	3.936					
TP	205.299					
+	6.413					
⊼	211.712					No Adj. [illegible]
−	3.753					
BM.50-13	207.959				207.881	BM.50-13 ADJ. ELEV. 207.868
	-0.078					PALOS VERDES DR. S. & CRENSHAW BLVD.
	207.881	CLOSURE O.K.				SEE F.B. 2400.-22

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NOTES RED. DATE
NOTES CHKD. DATE
INDEXED. DATE

JOB NO. 030.102 SURVEY OF L A CO PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE 11-2-56
NOTES BY T. OHASHI
C. Johnson

F. B. 2246 Pg. 227

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 50-13	207.868				207.868	B.M. 50-13 ADJ. ELEV. 207.868
+	4.191					PALOS VERDES DR. S. & CRENSHAW
⊼	212.059					BLVD. SEE F.B. 2406-22
−	10.077					
T.P.	201.982					
+	0.379					
⊼	202.361					
−	10.160					NOTE: - THIS RUN MADE WITH
T.P.	192.201					BERGER INSTRUMENT NO. 50010
+	0.230					
⊼	192.431					
−	11.670					
T.P.	180.761					
+	0.511					
⊼	181.272					
−	11.483					
T.P.	169.789					
+	0.432					
⊼	170.221					
−	11.631					
T.P.	158.590					
+	0.337					
⊼	158.927					
−	11.377					
T.P.	147.550					
+	0.403					
⊼	147.953					
−	11.904					
STA. K-5	136.049				136.049	

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JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 11-9-54
INDEXED A. C. Johnson DATE

NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2246 Pg. 230

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-5	136.049				136.049	
+	5.013					
=	141.062					
−	8.277					
T.P.	132.785					
+	1002					
=	133.787					
−	11.249					
T.P.	122.538					
+	0.193					
=	122.731					
−	11.531					
T.P.	111.200					
+	0473					
=	111.673					
−	11.969					
T.P.	99.704					
+	02.00					
=	99.904					
−	8272					
T.P.	91.632					
+	3.796					
=	95.428					
−	7574					
STA. K-4	87.854				87.854	
+	2.479					
=	90.333					
−	8.405					
T.P	81.928				81.928	

NOTES RED. JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NE F. B. 2246 PG. 231
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-9-56
DATE INDEXED A. C. Johnson DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	81928				81.928	
+	0.269					
K	82.197					
−	11.785					
T.P.	70.412					
+	0.605					
K	71.017					
−	9.448					
TBM #28	61.569				61.569	
+	2.790					
K	64.359					
−	9.480					
T.P.	54.879					
+	1.274					
K	56.153					
−	11.668					
T.P.	44.485					
+	2.749					
K	47.234					
−	7.395					
STA. K-3	39.839				39.839	
+	2.536					
K	42.375					
−	7.467					
TBM #27	34.908				34.908	
+	4.640					
K	39.548					
−	6.211					
STA. K-2	33.337				33.337	

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JOB NO. 030402 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 11-9-56 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F.B. 2246 Pg. 232

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. K-2	33.337				33.337	
+	0.747					
=	34.084					
−	11.819					
T.P	22.265					
+	2.255					
=	24.520					
−	5.612					
T.P	18.908					
+	4.392					
=	23.300					
−	5.908					
TBM. #26	17.392				17.392	
+	4.438					
=	21.830					
−	5.831					
T.P.	15.999					
+	4.087					
=	20.086					
−	3.702					
T.P	16.384					
+	2.642					
=	19.026					
−	11.432					
P.B. #1	7.594				7.594	

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NOTES RED. JOB NO. C301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 233
DATE SURVEY BY G. E. DREYER
NOTES CHKD. NOTES BY T. OHASHI DATE 11-9-54
DATE INDEXED ☒ C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #28	61.569				61.569	TBM #28 CONTINUED FROM PAGE 231
+	4.326					
K	65.895					
−	0.354					
T.P.	65.541					
+	11.963					
K	77.504					
−	0.682					
T.P.	76.822					
+	10.601					
K	87.423					
−	0.286					
T.P.	87.137					
+	11.577					
K	98.714					
−	0.772					
T.P.	97.942					
+	10.638					
K	108.580					
−	0.298					
T.P.	108.282					
+	10.459					
K	118.741					
−	1.542					
T.P.	117.199					
+	7.888					
K	125.087					
−	2.473					
TBM #25	122.614				122.614	

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JOB NO 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI DATE 11-2-56 NOTES CHKD.
INDEXED A. C. Johnson DATE NOTES RED.

F. B. 2246 Pg. 234

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #25	122.614				122.614	
+	8.957					
=	131.571					
−	0.637					
T.P.	130.934					
+	11.857					
=	142.791					
−	1.743					
TP	141.048					
+	11.222					
=	152.270					
−	0.701					
T.P.	151.569					
+	11.421					
=	162.990					
−	0.931					
TP	162.059					
+	11.835					
=	173.894					
−	0.481					
TP	173.413					
+	11.885					
=	185.298					
−	0.880					
TP	184.418					
+	11.596					
=	196.014					
−	0.259					
TP	195.755				195.755	

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NOTES RED. DATE
NOTES CHKD. DATE
INDEXED. DATE

JOB NO. 0330.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 235
SURVEY BY G. E. DREIER DATE 11-2-54
NOTES BY T. OHASHI DATE
C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	195.755				195.755	
+	11.726					
=	207.481					
−	1.562					
TP	205.919					
+	8.767					
=	214.686					
−	1.001					
STA. K-1	213.685				213.685	
+	0.937					
=	214.622					
−	8.704					
T.P	205.918					
+	1.481					
=	207.399					
−	11.647					
TP	195.752					
+	2.019					
=	197.771					
−	3.567					
B.M. 34-17A	194.204				194.204	B.M. 34-17A ADJ. ELEV. 194.188 PALOS VERDES DR. S. & PEPPERTREE DR SEE F.B. 1355-44 FOR DESC.

O.K. JPM

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NOTES RED _____ JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2244 Pg. 237
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD. _____ NOTES BY T. OHASHI DATE 11-13-56
DATE _____ INDEXED R. C. Johnson DATE 11-21-56

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA SHIELDS	310.321				310.321	STA. SHIELDS ELEV. 310.321
+	8.571					FIELD MEAN OF PREVIOUS RUNS
Σ	318.892					
−	8.989					
T.P.	309.903					
+	10.552					
Σ	320.455					
−	2.252					
T.P.	318.203					
+	3.860					
Σ	322.063					
−	6.338					
STA. G-1	315.725					
+	3.961					
Σ	319.686					
−	1.931					
T.P.	317.755					
+	9.897					
Σ	327.652					
−	2.915					
T.P.	324.737					
+	5.051					
Σ	329.788					
−	7.592					
STA. A-4	322.196					
+	11.797					
Σ	333.993					
−	4.059					
T.P.	329.934					

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JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.
SURVEY BY G. E. DREIER DATE
NOTES BY T. OHASHI & GE. DATE 11-13-56 NOTES CHKD.
INDEXED E. C. Johnson DATE DATE

F. B. 2266 Pg. 238

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	329.934					
+	5.578					
⌅	335.512					
−	6.248					
STA. F-3	329.264					
+	11.075					
⌅	340.339					
−	10.953					
STA. A-3	329.386					
+	7.425					
⌅	336.811					
−	0.223					
T.P.	336.588					
+	8.192					
⌅	344.780					
−	0.974					
T.P.	343.806					
+	11.851					
⌅	355.657					
−	0.698					
T.P.	354.959					
+	11.842					
⌅	366.801					
−	1.747					
RADIAL 1	365.054					
+	3.348					
⌅	368.402					
−	9.651					
T.P.	358.751					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	358.751					
+	2.294					
↑	361.045					
−	11.418					
T.P.	349.627					
+	0.319					
↑	349.946					
−	11.285					
T.P.	338.661					
+	0.267					
↑	338.928					
−	11.940					
T.P.	326.988					
+	0.224					
↑	327.212					
−	11.978					
T.B.M. #23	315.234					
+	6.418					
↑	321.652					
-	1.178					
T.P.	320.474					
+	11.651					
↑	332.125					
−	0.352					
T.P.	331.773					
+	10.699					
↑	342.472					
−	2.496					
STA. A-2	339.976					

JOB NO. SURVEY OF L. A. CO. PRECISE LEVEL NET F. B. 2246 PG. 239
DATE SURVEY BY G. E. DREIER
NOTES CHKD. NOTES BY G.E. DREIER DATE 11-13-56
DATE INDEXED C. Johnson DATE
NOTES RED.

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JOB NO. SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE
NOTES BY G.E.DREIER DATE 11-13-56 NOTES CHKD. DATE
INDEXED A. C. Johnson DATE NOTES RED DATE

F. B. 2246 PG. 240

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA. A-2	339.976					
+	4.300					
⊼	344.276					
−	0.522					
STA. A-1	343.754					
+	1.949					
⊼	345.703					
−	1.888					
T.B.M.#22	343.815					
+	7.577					
⊼	351.392					
−	1.738					
B.M.50-12	349.654					
+	3.939					
⊼	353.593					
−	5.058					
STA. B-2	348.535					
+	11.210					
⊼	359.745					
−	0.889					
T.P.	358.856					
+	10.793					
⊼	369.649					
−	0.192					
T.P.	369.457					
+	11.996					
⊼	381.453					
−	0.670					
T.P.	380.783					

76S420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 Pg. 241
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD. _____ NOTES BY G.E. DREIER DATE
DATE _____ INDEXED C. JOHNSON DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	380.783					
+	10.262					
⊼	391.045					
−	0.529					
T.P.	390.516					
+	8.291					
⊼	398.807					
−	3.823					
STA. D-2	394.984					
+	9.393					
⊼	404.377					
−	1.889					
STA. E-2	402.488					
+	9.121					
⊼	411.609					
−	1.199					
T.B.M. #21	410.410					
+	11.479					
⊼	421.889					
−	3.111					
T.P.	418.778					T.P. S. RIM COUNTY DRAIN M.H.
+	8.395					
⊼	427.173					
−	0.464					
T.P.	426.709					
+	6.919					
⊼	433.628					
−	1.879					431.79
ROAD DEPT B.M.	431.749					RD DEPT. CONST B.M. 432.23

765420 S & E-353 4-54

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JOB NO 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY G. E. DREIER DATE 11-13-56
INDEXED A. C. Johnson DATE
NOTES RED DATE
NOTES CHKD. DATE

F. B. 2246 Pg. 242

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
RD. B.M.	431.749					CONT.
+	2.480					
⊼	434.229					
−	7.525					
T.P.	426.704					
+	11.348					
⊼	438.052					
−	2.740					
STA. E-1	435.312					
+	11.298					
⊼	446.610					
−	4.709					
T.P.	441.901					
+	2.900					
⊼	444.801					
−	7.529					
STA. D-1	437.272					
+	7.015					
⊼	444.287					
−	6.185					
STA. C-1	438.102					
+	0.219					
⊼	438.321					
−	9.522					
T.P.	428.799					
+	1.321					
⊼	430.120					
−	5.472					
T.P.	424.648					

768420 S & E-353 4-54

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Do not extend notes this side of this line

NOTES RED _____ JOB NO 430.07 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2246 PG. 243
DATE _____ SURVEY BY G. E. DREIER
NOTES CHKD _____ NOTES BY G.E. DREIER DATE 11-13-56
DATE _____ INDEXED _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	424.648.					
+	6,435					
=	431.083					
-	7.147					
STA. B-1	423.936.					
+	4.499					
=	428.435					
-	6.738					
T. P.	421.697.					
+	5.259					
=	426.956					
-	8,722					
STA. B-1A	418.234.					O.K. JHM.
+	8,498					
=	426.732					
-	1,840					
STA B-1B	424.892.					
+	3.681					
=	428.573					
-	7,274					
T.B.M. #29	421.299.					
+	6.466					
=	427.765					
-	8.902					
T.P.	418863.					
+	0.405					
=	419.268					
-	11.868					
T.P.	407.400.					

F. B. 2246 PG. 244

JOB NO 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.

SURVEY BY G. E. DREIER DATE

NOTES BY G. E. DREIER DATE 11-13-56 NOTES CHKD.

INDEXED A. C. Johnson DATE DATE

⊼	407.778.
−	11.694
T.P.	396.084.
+	0.542
⊼	396.626
−	11.964
T.P.	384.662.
+	0.341
⊼	385.003
−	10.992
T.P.	374.011.

N.E. COR PEPPERTREE DR. & TANGARINE