Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NE
Map No.	JN [illegible] Tape Std °F
Office Work	Surveyed by A.C. [illegible]
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible] AUG 2 [illegible]

F. B. [illegible] PG. [illegible]

JOB NO 0301 C2

L.A. Co. PRECISE LEVEL NET

Additional Bmk Along Line 1.
SEE FB 1202-5 to 36 [illegible]
TO [illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

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76F309S S&E #24 1-58

Microfilmed May '85

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Office Work
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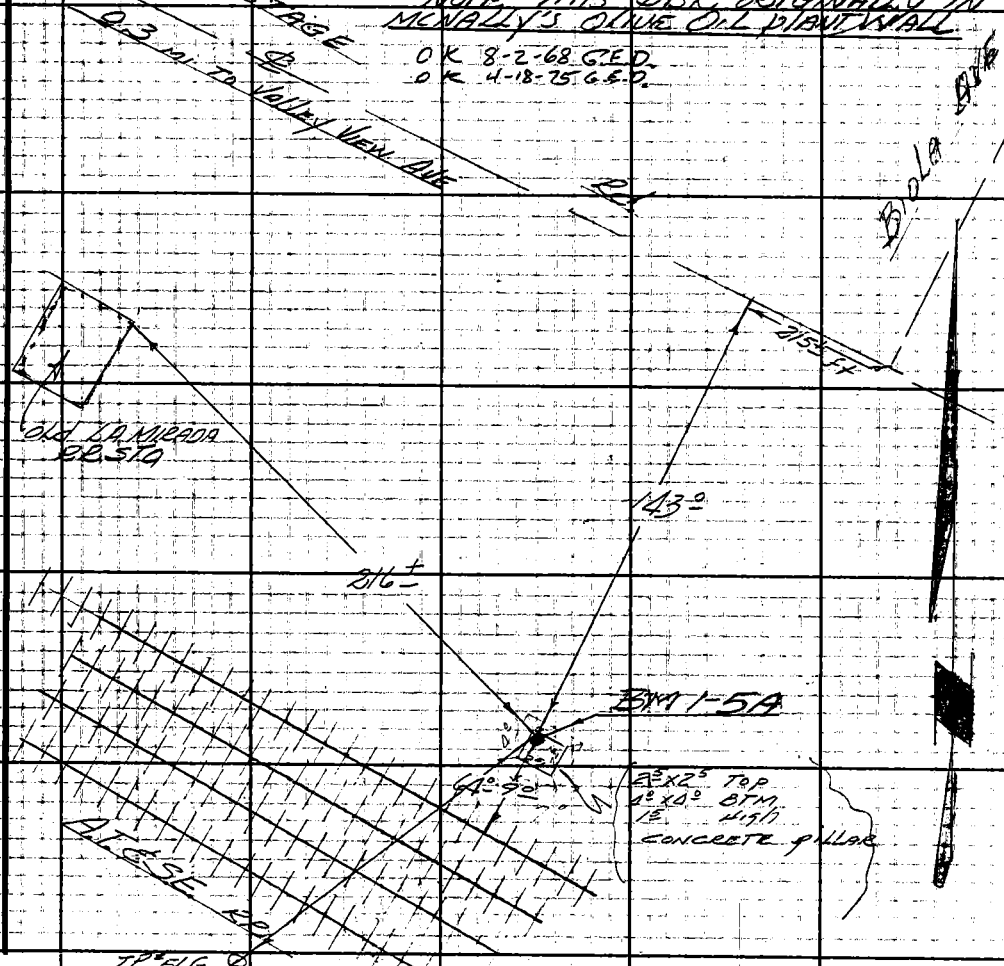
Date

L.A. CO. PRECISE LEVEL NET
Survey of
JN 0301.02 Tape Std °F
Surveyed by A.C. GUITADO
Notes ACG Date 5/9/61
Indexed H. E. OTT

F.B. 2858 Pg. 7

BM 1-5A (~~USC&GS 2237~~) P51 1958 RESET USC&GS)
IN LA MIRADA, NEAR THE INTERSECTION
OF STAGE Rd & BIOLA AVE, FD A STD 3½" USC&GS
DISK MK'D "P-51 1958 RESET" SET IN THE
NW'LY CORNER OF A CONCRETE PILLAR,
143± SW'LY FROM ℄ STAGE Rd, 216± FT SE
OF THE NE CORNER OF OLD RR STA, 9° NE'LY
FROM THE NE'LY RAIL OF THE AT&SF RR, 64° NE
OF TP #5.6G

"NOTE THIS DISK ORIGINALLY IN
MCNALLY'S OLIVE O.L. DIRT WALL"
OK 8-2-68 G.E.D.
OK 4-18-75 G.E.D.



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76F3095 S&E #247 11-58

F.B. 2858 PG. 8

BM 1-6A

IN THE VICINITY OF LA MIRADA NEAR THE INTERSECTION OF VALLEY VIEW AVE & FOSTER RD. IN THE NE CORNER. SET A STD 3½" CO. ENGR. BM BRASS CAP & IRON PIPE MON MK'D "BM 1-6A RE5869 1961" IN CONCRETE. 62± NO. OF FOSTER RD, 11±E OF VALLEY VIEW AVE, 1± E OF FACE OF CURB, 4± NO. OF N. end CB RET & 15± SO. OF PK# 1194597E, DOWN 10" UNDER A CAST IRON CAP MK'D "CO. ENGR. MON."

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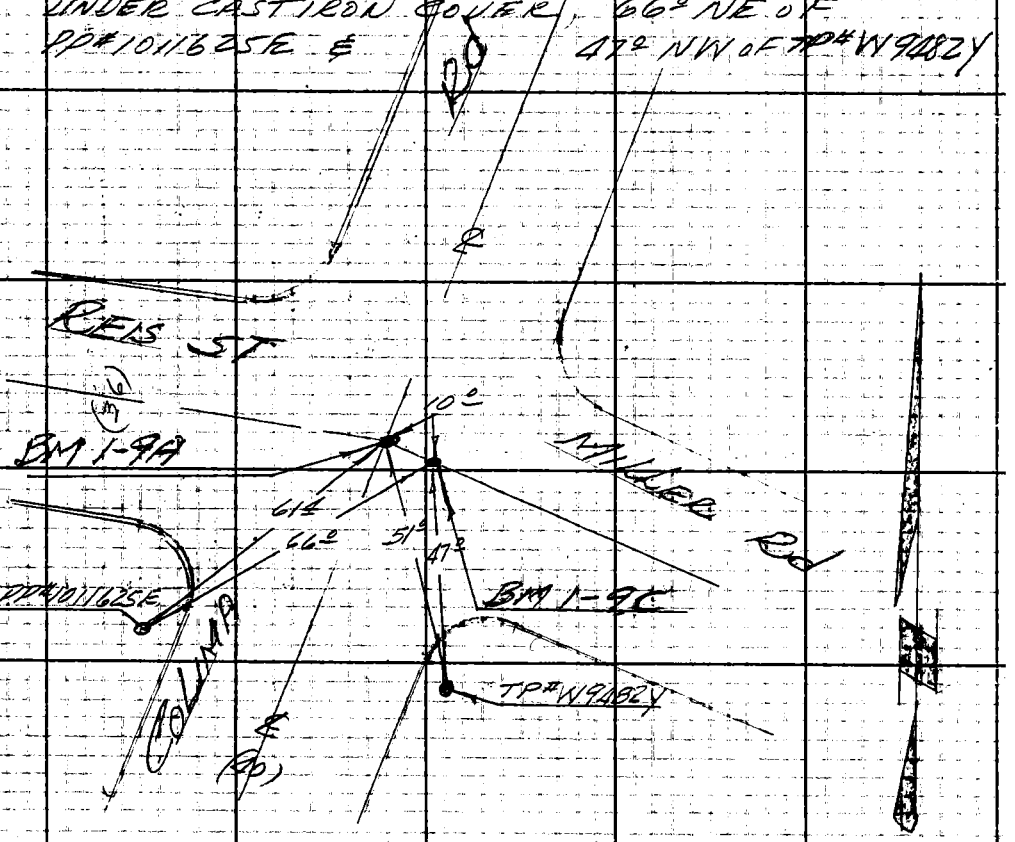
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes ACG Date 5/15/61
Date	Indexed H. E. OTI

F. B. 2858 PG. 9

BM 1-9A
COLIMA Rd & Reis St ℄ inter., Fd a 2½" STD Co SUR MON "RE 329", 16" deep under cast iron cover, 10° W of a CS MON on ℄ MILLER Rd, 61¼ NE of PP# 1011625E, & 51° NW of TP# W9482Y

BM 1-9C
℄ MILLER Rd & 10° E of ℄ COLIMA Rd. Fd A STD 2½" CS MON "RE 329" 10" deep UNDER CAST IRON COVER, 66° NE of PP# 1011625E & 47° NW of TP# W9482Y



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76F309S S&E #247 11-58

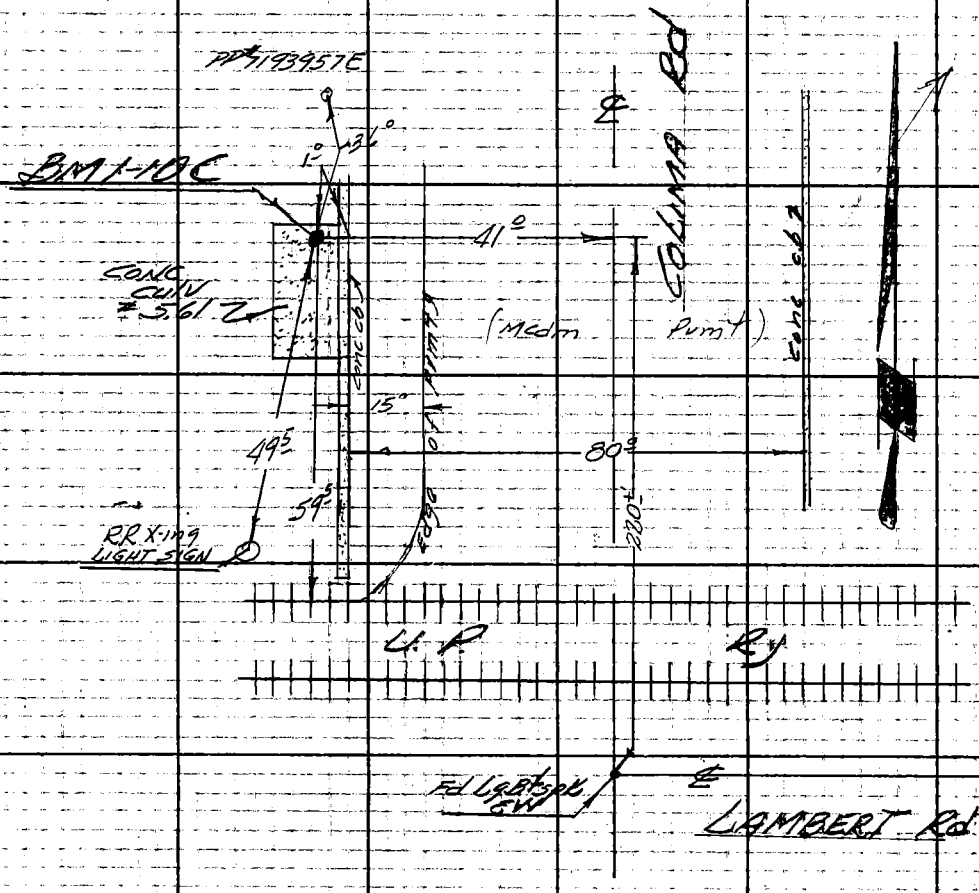
F.B. 2858 PG 10

Not Recovered (WHY NOT?)
for description to BM 1-10 B
See FB 3707-35 & Page 10-27-65

BM 1-10 C

NEAR THE VICINITY OF SO WHITTIER CITY, NEAR THE INTERSECTION OF COLIMA Rd & 220±' NO. OF LAMBERT Rd (TO EAST), SET A STD CO. ENGR BM BRASS CAP MR'D "BM 1-10 C RE 5869 1961" IN THE NE CORNER OF CONC CULVERT #5.61, 41° W OF ℄ COLIMA Rd, 59.5 NO. OF THE MOST N'LY RAIL OF THE UPRR, 36° SO OF PP#1193957E, 1° W OF FACE OF W. CD., & 49.5 NO OF A RR X-ing Light SIGNAL.

RECOVERED 4-18-75 G.E. DREIER



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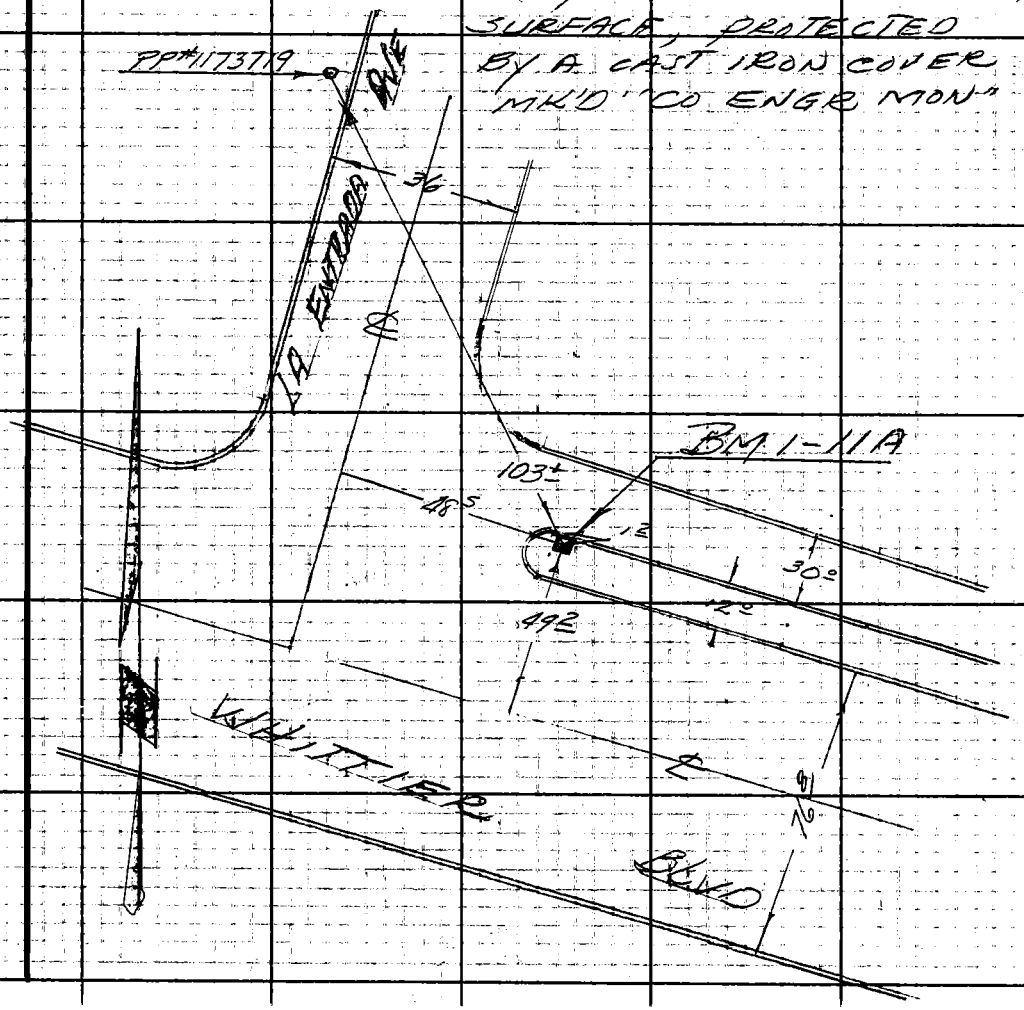
Notes Ck'd by
Map No.
Office Work
Checked
Date

L. A. CO. PRECISE LEVEL NET
Survey of
JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes A.C.G. Date 5-15-61
Indexed H. E. OTT

F. B. 2858 Pg. 11

BM 1-11A

IN THE VICINITY OF THE CITY OF SO. WHITTIER, NEAR THE INTERSECTION OF LA ENTRADA AVE & WHITTIER BLVD, SET A STD CO. ENGR. BM MON MK'D "BM 1-11A 1961 RE5869" IN CONCRETE, 49± No. OF WHITTIER BLVD, 48.5 E OF LA ENTRADA AVE, & 103 ± FT SE OF PP# 1173719, 1± S. OF THE No. CB. OF DIVIDER STRIP. DOWN 10" BELOW SURFACE, PROTECTED BY A CAST IRON COVER MK'D "CO ENGR MON"



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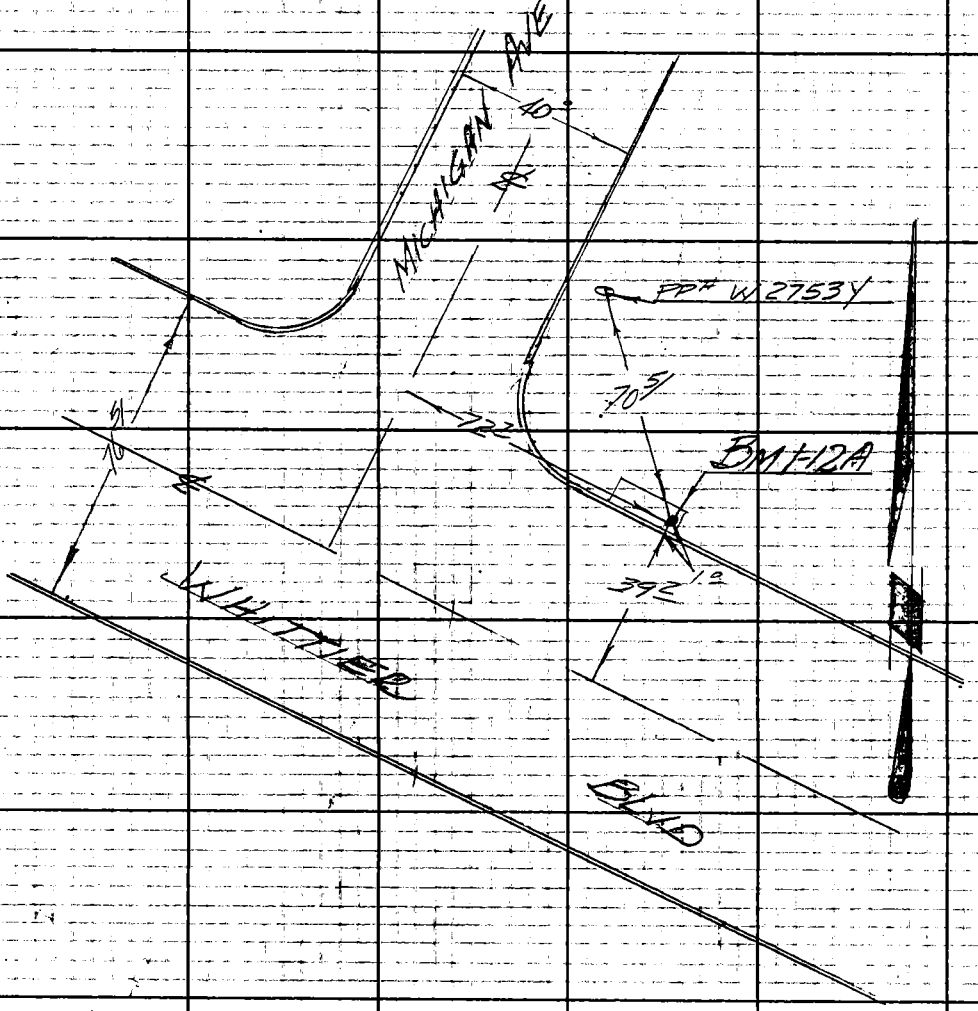
76F309S S&E #247 11-58

F. B. 2858 PG. 12

BM 1-12A

WHITTIER: NEAR THE INTERSECTION OF WHITTIER BLVD & MICHIGAN AVE, SET A STD CO. ENGR BM BRASS CAP IN CONC IN TOP OF SW'LY CORNER OF A CONC CULVERT; CAP IS MK'D "BM 1-12A RE 5869 1961" & IS NE'LY OF ℄ WHITTIER BLVD, SE'LY ℄ MICHIGAN AVE, SO OF PP# W2753Y & 1' NE'LY FROM FACE OF N'ELY CB.



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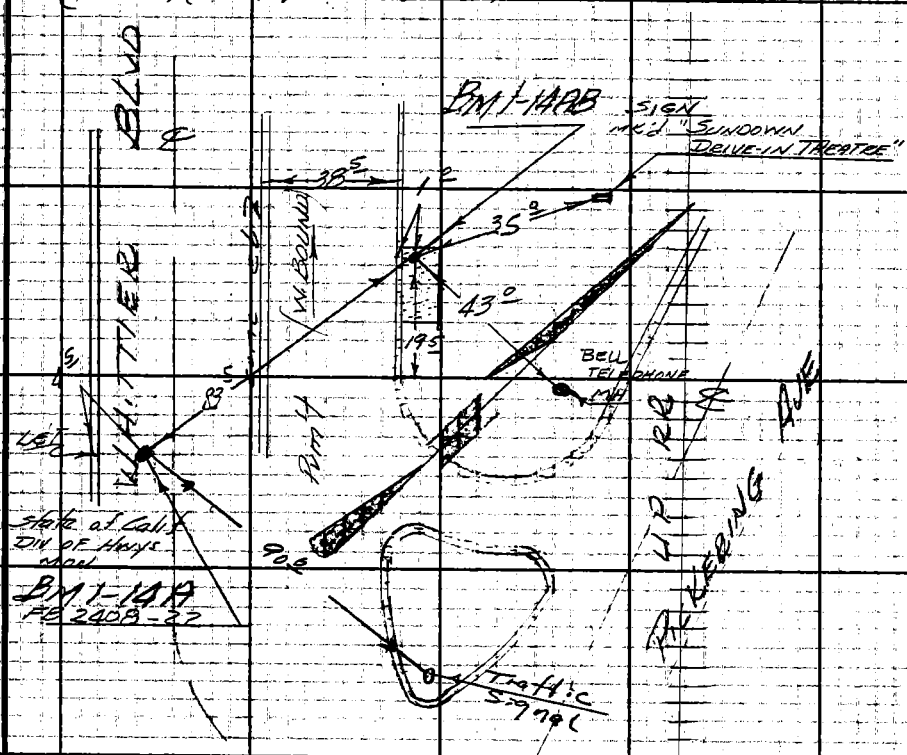
Notes Ck'd by	Survey of A. CO. PRECISE LEVEL NET F. B. 2858 PG. 13
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 5-12-61
Date	Indexed H. E. OTT

BM 1-14AB

IN THE VICINITY OF CITY OF WHITTIER NEAR THE INTERSECTIONS OF WASHINGTON BLVD, PICKERING AVE & WHITTIER BLVD, SET A STD CO. ENGR. BM BRASS CAP MK'D "BM 1-14AB RE5869 1961" IN CONC IN THE NW'LY CORNER OF A CONC CURV, ON THE NE'LY SIDE OF WHITTIER BLVD, 35° SW'LY FROM A DRIVE-IN THEATRE SIGN

BM 1-14A

Whittier Blvd & Washington Blvd, @ Pickering Ave, in center divider strip of Whittier Blvd. West of Washington Blvd, 90° W. of traffic signal, 83.5 S of BM 1-14AB, & 4.5' NE of curb, a Div. of Hwy 2¼" brass disc (flush) (W. Voge 10-27-65)



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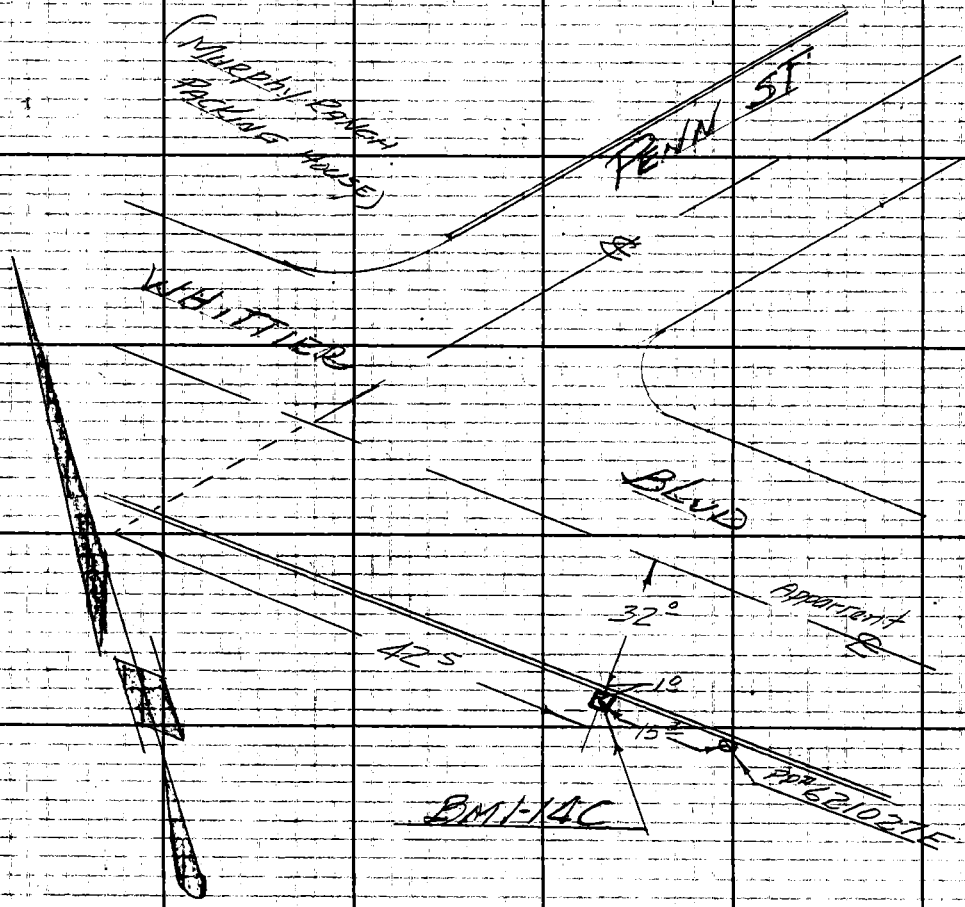
76F3095 S&E #247 11-58

F. B. 2858 PG 14

BM 1-14C

WHITTIER: NEAR THE INTERSECTION OF PENN ST & WHITTIER BLVD, SET A STD 2½" CO. ENGR BRASS CAP MON & IRON PIPE MK'D "BM 1-14C RE 5869 1961" IN CONCRETE, 32° SW OF ℄ OF WHITTIER BLVD, 42.5 SE OF ℄ OF PENN ST PRODUCED WEST, 15° NW OF PP# 621027E & 1° SW FROM FACE OF SW CURB OF WHITTIER BLVD. MON SET LEVEL WITH CURB



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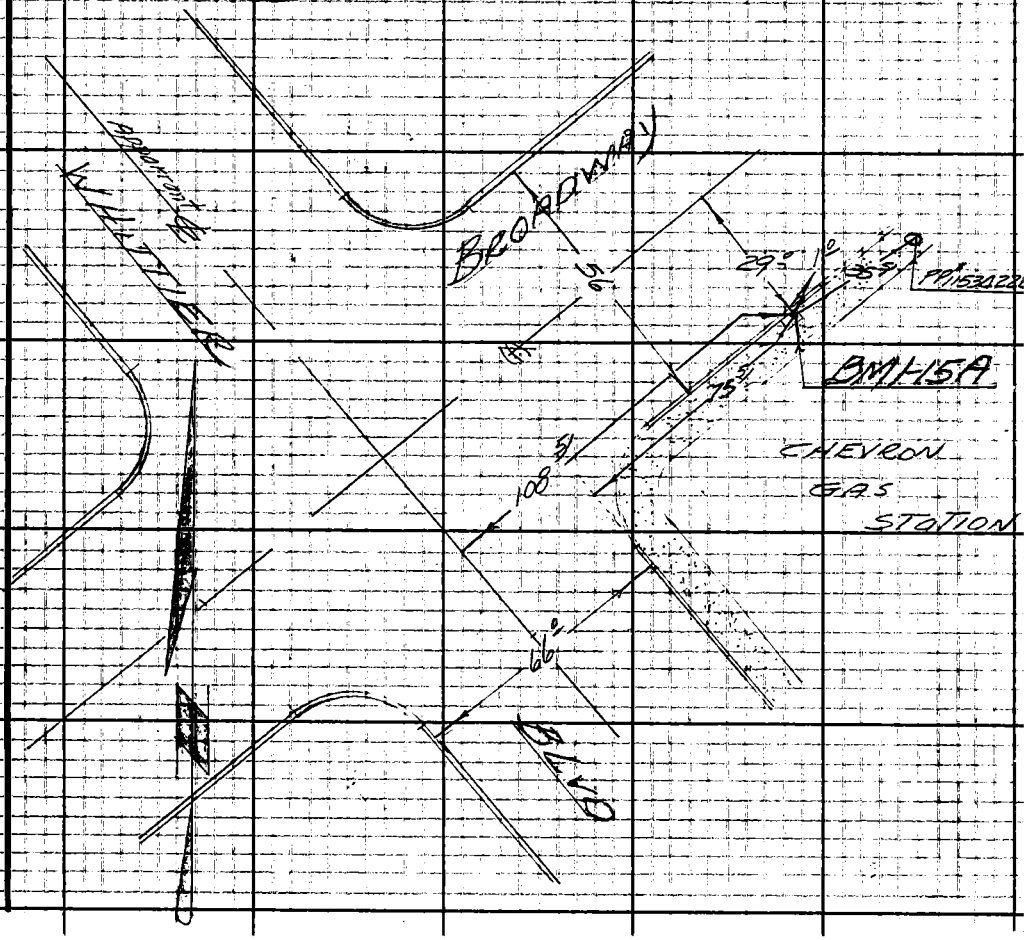
Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NE	F. B. 2858 PG. 15
Map No.	JN 230102 Tape Std °F	
Office Work	Surveyed by A. C. GUIZADO	
Checked	Notes ACG Date 5-16-61	
Date	Indexed N. E. OTT	

BM 1-15A

WHITTIER: NEAR THE INTERSECTION OF WHITTIER BLVD & BROADWAY, SET A STD 2½" CO ENGR BM BRASS CAP MK'D "BM 1-15A RE5869 1961" IN THE NE'LY CORNER OF A CONC CULVERT, 75.5' NE'LY FROM THE NE'LY CURB OF WHITTIER BLVD, 29° S'E'LY FROM THE ℄ OF BROADWAY, 35.5' SW'LY FROM PP# 1153422E & 1° SE'LY FROM FACE OF CURB. BM CAP SET FLUSH WITH SURFACE.



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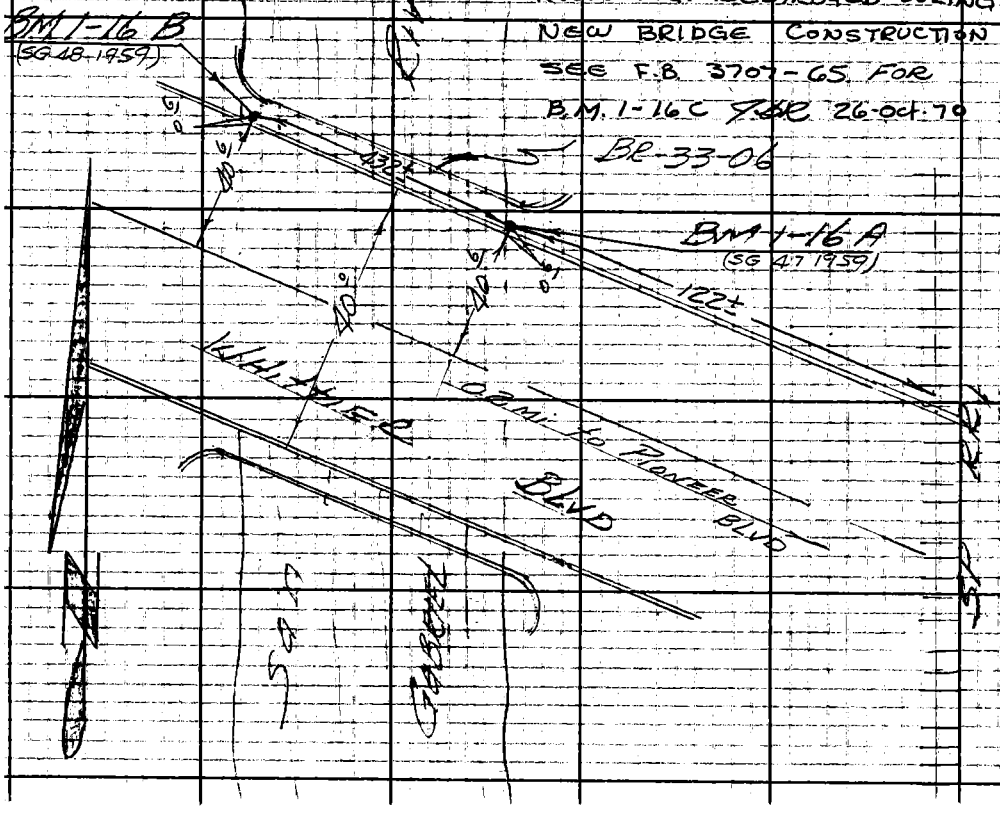
76F309S S&E #247 11-58

F. B. 2858 PG. 16

BM 1-16 A (U.S. CORPS OF ENGRS SG 47 1959)
WHITTIER — ON THE N'ly CURB OF
BRIDGE #33-06 OVER THE SAN GABRIEL
RIVER & WHITTIER BLVD. Fd. A 3½"
BRONZE DISK MK'D "CORPS OF ENGINEERS US
ARMY SURVEY MARK SG 47 1959" 40± N'ly
FROM ℄ WHITTIER BLVD & 122± ft NW'ly FROM
APPROX. CTR. OF THE SP RR TRACKS. — FLUSH
WITH SURFACE

BM 1-16 B (U.S. CORPS OF ENGRS SG 48 1959)
WHITTIER — ON THE N'ly CURB OF WHITTIER BLVD,
BRIDGE #33-06 & THE SAN GABRIEL RIVER, Fd A 3½" BRONZE
DISK MK'D "CORPS OF ENGINEERS - US ARMY SURVEY MARK
SG 48 1959", 40± N'ly FROM ℄ WHITTIER BLVD & 432± ft FROM BM 1-16A — SET FLUSH WITH SURFACE

B.M.'S 1-16A & 16B NOT
Recovered. DESTROYED DURING
NEW BRIDGE CONSTRUCTION
SEE F.B. 3707-65 FOR
B.M. 1-16C [illegible] 26-Oct-70



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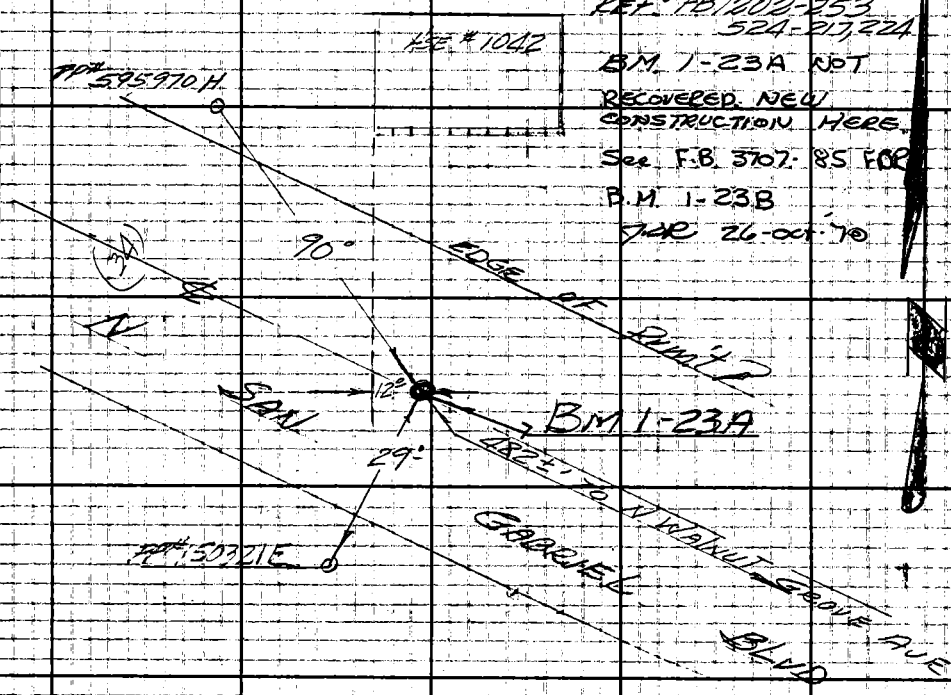
Map No.	JN 0301.01 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 5/16/61
Date	Indexed H.E. OTT

BM 1-23A (EL MONTE C-8 1938)
SOUTH SAN GABRIEL: NEAR THE INTERSECTION OF SAN GABRIEL BLVD & 482± FEET NW'LY FROM ℄ OF N WALNUT GROVE AVE, ON ℄ OF SAN GABRIEL BLVD, 29° N'LY FROM PP# 90° SE FROM PP# 595970H, FD A L.A. CO 4" SURVEYORS TRAVERSE station MK'D "EL MONTE C-8 1938" IN CONCRETE 10" BELOW SURFACE BENEATH CAST IRON COVER.

REF: FB 1202-253, 524-217, 224
BM 1-23A NOT RECOVERED. NEW CONSTRUCTION HERE.
See F.B. 3707-85 FOR B.M. 1-23B
JAR 26-OCT-70



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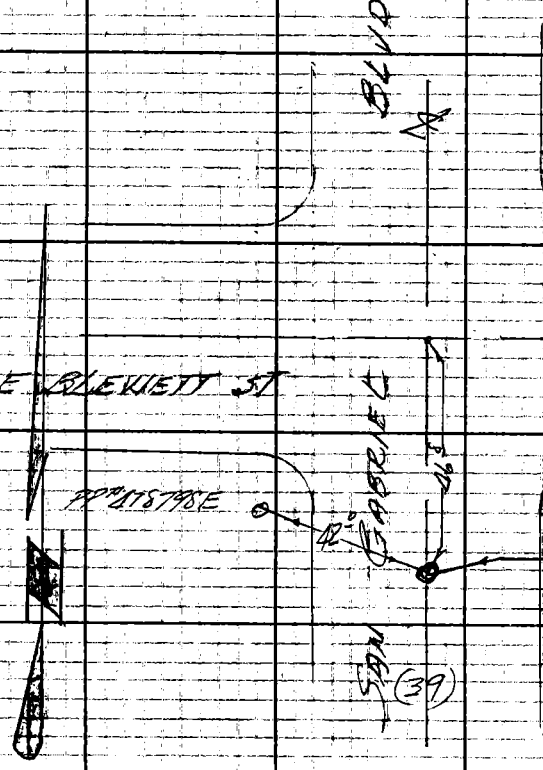
76F309S S&E #247 11-58

F.B. 2858 PG. 18

BM 1-24A (EL MONTE B-7A 1940)
SO SAN GABRIEL: - SAN GABRIEL BLVD. & BLEEKER ST (TO EAST) & E. BLEWETT ST (TO WEST. Fd A STD CO SUR. TRAVERSE MON MKD "EL MONTE B-7A 1940" UNDER A CAST IRON COVER, 46± SO, ON ℄ OF SAN GABRIEL BLVD, FROM BLEEKER ST (TO E) & 42± ESE FROM PP# 418198E

REF: FB1202-260
926-165,166

B.M. 1-24A NOT RECOVERED
STREET CONSTRUCTION IN THIS INTERSECTION
27-Oct-70 JBR



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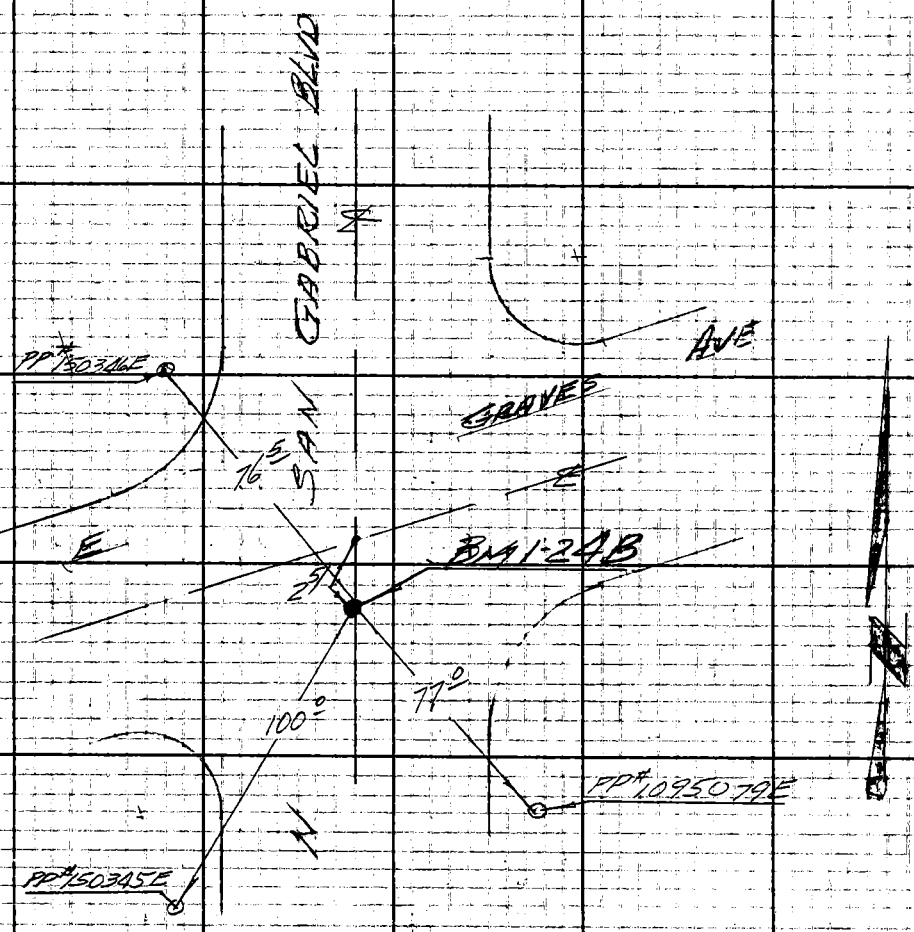
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes A C G Date 5/16/61	
Date	Indexed H. E. OTT	

BM 1-24B (EL MONTE B-6 1940)
San Gabriel; ℄ of San Gabriel Blvd
& 2.5 So. of ℄ Inter, E Graves St
Fd A STD C.S. TRAVERSE MON MK'D
"EL MONTE B-6 1940" UNDER A CAST
IRON COVER, 76.5 SE OF PP# 150346E,
100.0 NE OF PP# 150345E & 77.0 NW
OF PP# 1095079E.



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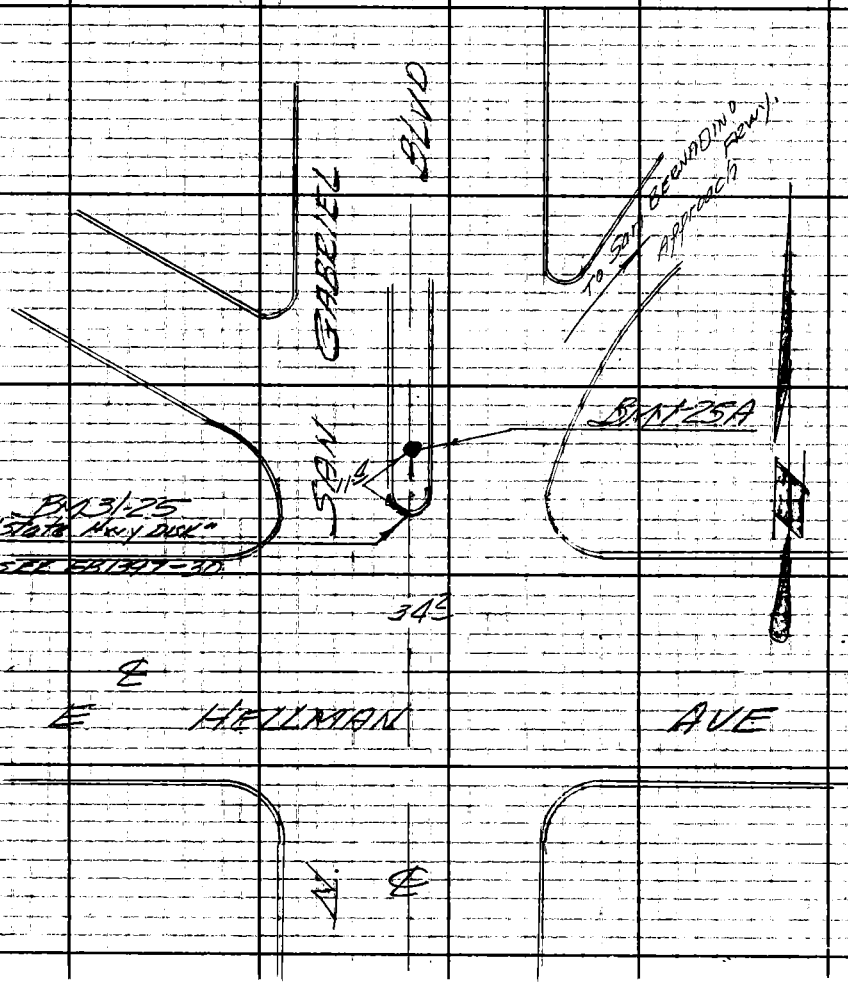
76F3098 S&E #247 11-58

F. B. 2858 PG. 20

BM 1-25A (EL MONTE B-4 RM#5 1960)
San Gabriel: ℄ N. San Gabriel Blvd & 34² No. of ℄ E. HELLMAN AVE, Fd
A STD Co ENGR TRAVERSE station RM MON MK'D "EL MONTE B-4 RM#5 1960" UNDER A CAST IRON COVER & 11¹ NO. OF BM 31-25 Located on a 3° strip of isle.

B.M. 1-25A NOT RECOVERED. DUE TO A CHANGE IN THE TRAFFIC ISLAND
28-OCT-70 JAR



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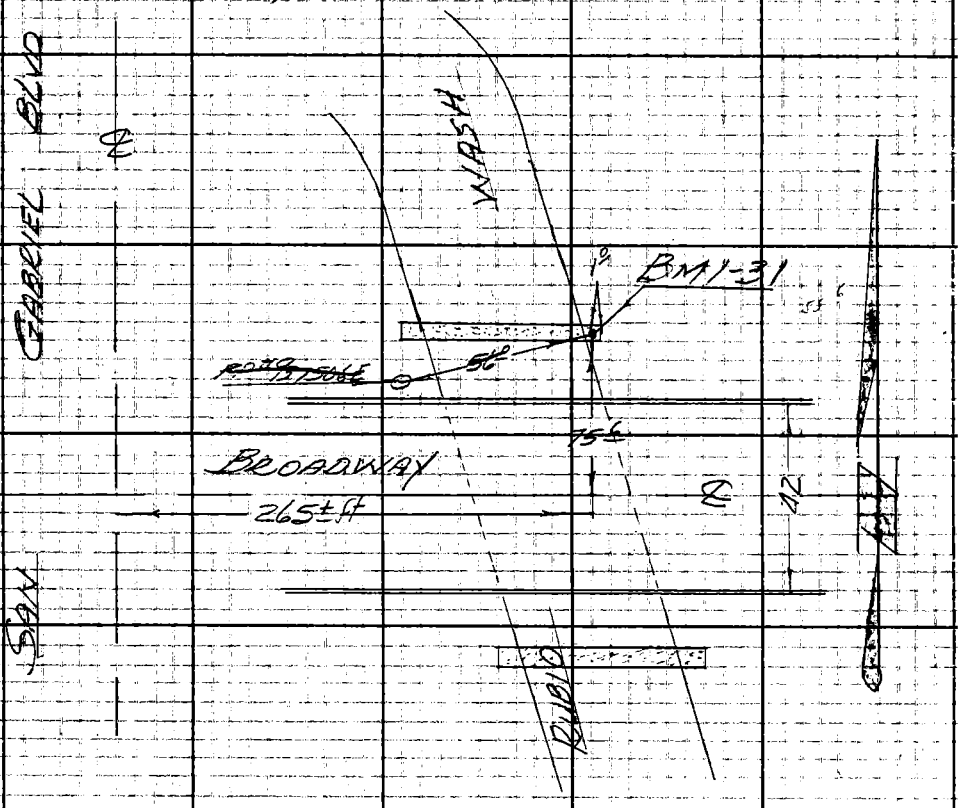
Map No.	JN030102 Tape Std °F
Office Work	Surveyed by A.C. Guizado
Checked	Notes AGG Date 5/16/51 ← 1961
Date	Indexed H. E. OTT

F. B. 2858 PG. 21

BM 1-31 (LACFCD BM 58-522
SAN GABRIEL: NEAR THE INTERSECTION OF SAN GABRIEL BLVD & BROADWAY, 265 ft± E along ℄ from San Gabriel Blvd & 75± N of ℄ Broadway, Fd A 31/11 25 to Fl Cont Disk in concrete in the E side of the North culvert headwall, 10 W of the E end & ~~56°~~ NE of ~~RD#437506E~~. Disk is mk'd "Los Angeles County Flood Control District BM 58-522" & is over the Rubio Wash.

PP ~~dist~~ are moved (desc. o.k.)
(11-9-65 v Vage)



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76F309S S&E #247 11-58

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

F.B. 2858 PG. 23

SURVEY BY A. C. GUIZADO WEATHER INST. NO.

NOTES BY ACG DATE July 1961 TIME ROD NO.

INDEXED H. E. OTT DATE NOTES CHKD DATE

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	Right	Mic.	Left	Stadia	Right	Mic.	Left	Stadia	From / To

JOB NO 0301.02

LINE 1

A WILD N-3 PRECISE LEVEL & A SET OF WILD METRIC RODS WAS USED TO OBTAIN THE VERTICAL DIFFERENCE BETWEEN BENCH MONUMENTS.

RE-RUN OF ENTIRE ORIGINAL ROUTE OF PRECISE LEVEL LINE #1

Guizado AC
MALDONADO JM
GOBLE AL
COOK GE
RANGEL IT

76P526B CE # 308 8-59

76P526B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO DATE 7-6-61 WEATHER CLEAR INST. NO. 75234

NOTES BY ACG DATE 7-6-61 TIME 10:10 to 11:25 ROD NO. 2856

INDEXED H. E. ON DATE NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 PG 25

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 8-2 TO BM 8-1
BM 8-2													BM 8-2
1	161	631	462	5	167 / 155	12	125	532	426	5	131 / 119	12	ARTESIA BLVD & MARQUARDT AVE SEE FB
2	124	200	425	5	144 / 104	40	144	628	445	5	164 / 124	40	
3	124	571	425	5	144 / 104	40	138	282	439	5	158 / 118	40	⊼ J. MALDONADO
4	119	780	420	5	139 / 99	40	138	239	439	5	158 / 118	40	
	135	890	436	5	155 / 115	40	103	172	404	5	123 / 83	40	
6	238	864	539	5	258 / 218	40	079	782	380	5	98 / 60	38	
7	202	005	503	5	222 / 182	40	1147	162	448	5	167 / 128	39	
TOTAL	1106	941 ✓				252	876	797 ✓				249 ✓	
	876	797 ✓										252 ✓	
												501	METERS
DIFF/ELEV	230	144 ✓											
BM 8-2A													BM 8-2A (U.S. CORPS OF ENGR #CC 34
1	093	617	394	5	105 / 81	24	182	170	483	5	194 / 170	24	ARTESIA BLVD & 0.2 MI 1958)
2	064	183	365	5	84 / 44	40	237	143	538	5	257 / 217	40	EAST OF VALLEY VIEW AVE BRASS DISC IN NE COR. OF CONC
3	109	809	410	5	129 / 89	40	145	532	446	5	165 / 125	40	BRIDGE
4	157	303	458	5	177 / 137	40	122	741	423	5	142 / 102	40	

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM 8-2 TO BM 8-1
5	144	101	445 5	165 / 124 41	137	421	438 5	156 / 118 38	
TOTAL	568	813		185	825	007		182	
					568	813		185	
DIFF/ELEV					258	594		367	
BM 8-1									BM 8-1
									ARTESIA BLVD & VALLEY VIEW A
									SEE

Diff. BM 8-2 to 8-2A
2.30688 = Mn of Fwd. Bwd
run Line 10 - 1960
Use with 2nd run 9/20/61
Reject forward run.

F.B. 2858 PG. 26 JOB NO. 0301.02

SURVEY OF: A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER CLEAR INST. NO. 75234

TIME 10:10 to 11:25 ROD NO. 9582

NOTES CHKD [illegible] DATE 9/20/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. GUIZADO

NOTES BY ACG DATE 7-6-61

INDEXED M. F. OTT DATE

WEATHER [illegible] TIME 11:30 to 12:05

NOTES CHKD [illegible] DATE 9/20/61

INST. NO. [illegible] ROD NO. [illegible]

F.B. 2858 Pg. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM8-1 TO BM8-2
BM8-1	144	100	445	5	164 / 124	40	152	368	453	5	172 / 132	40	BM8-1
2	132	340	433	5	151 / 112	39	166	223	467	5	186 / 146	40	ARTESIA BLVD & VALLEY VIEW AVE SEE FB
3	149	998	450	5	168 / 129	39	113	091	414	5	133 / 93	40	
4	244	494	545	5	263 / 224	39	072	389	373	5	92 / 52	40	
5	187	950	488	5	198 / 176	22	098	721	399	5	110 / 86	24	
TOTAL	858	882				179	602	792				184	
	602	792										179	
DIFF/ELEV	256	090										363	METERS
BM8-2A													
1	146	968	447	5	166 / 126	40	202	818	503	5	222 / 182	40	BM8-2A US CORPS OF ENGR CC 34 ARTESIA BLVD & 0.2 MI EAST 1958) OF VALLEY VIEW
2	092	708	393	5	112 / 72	40	251	788	552	5	271 / 231	40	
3	107	371	408	5	127 / 87	40	139	025	440	5	159 / 120	39	
4	149	626	450	5	167 / 130	37	132	488	433	5	152 / 112	40	
5	140	872	441	5	160 / 120	40	125	200	426	5	145 / 106	39	
6	147	912	448	5	167 / 127	40	128	841	429	5	148 / 108	40	
7	138	101	439	5	143 / 132	11	174	290	475	5	180 / 168	12	
TOTAL	923	558				248	1154	450				250	BM8-2
							923	558				248	
DIFF/ELEV							2[illegible]	892			METERS	498	ARTESIA BLVD & MARQUADT AVE
BM8-2													

7.48 Mm diff.
2.8 Mm allow.
No Check

76P526B CE # 308 8-59

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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 A.C. GUIZADO WEATHER CLEAR INST. NO. 75234

NOTES BY ACG DATE 7/6/61 TIME 1:45 to 2:45 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 Pg. 29

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 8-1 TO BM 1-1
BM 8-1													BM 8-1
1	174	990	475	5	185 / 163	22	136	772	437	5	146 / 125	21	ARTESIA BLVD & VALLEY VIEW AVE
2	153	272	454	5	176 / 130	46	132	069	433	5	155 / 109	46	SEE FB
3	147	808	448	5	170 / 124	46	148	111	449	5	171 / 125	46	
4	154	189	455	5	177 / 131	46	126	007	427	5	149 / 103	46	
5	138	390	439	5	161 / 115	46	128	199	429	5	151 / 105	46	
6	140	348	441	5	163 / 117	46	123	185	474	5	146 / 100	46	
7	134	281	435	5	157 / 111	46	129	959	430	5	152 / 106	46	
8	145	473	446	5	168 / 122	46	126	293	427	5	149 / 104	45	
9	144	039	445	5	166 / 122	44	139	100	440	5	162 / 116	46	
10	135	795	436	5	158 / 112	46	122	712	423	5	145 / 99	46	
11	124	260	425	5	147 / 101	46	134	475	435	5	157 / 111	46	
12	202	508	503	5	219 / 185	34	148	382	449	5	165 / 131	34	
TOTAL	1795	353				514	1595	264				514	
	1595	264										514	BM 1-1
[illegible] ELEV	200	089									METER	1028	VALLEY VIEW & SPRR
BM 1-1													SEE FB 1202-6

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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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-1 TO BM 8-1
BM 1-1	141	241	442	5	158 / 124	34	191	309	492	5	207 / 174	33	BM 1-1
2	129	677	430	5	152 / 106	46	125	318	426	5	148 / 102	46	VALLEY VIEW & SPRR SEE FB 1202-6
3	119	727	420	5	142 / 96	46	127	372	428	5	150 / 104	46	
4	137	052	438	5	160 / 114	46	146	592	447	5	169 / 123	46	
5	130	308	431	5	153 / 107	46	142	429	443	5	165 / 119	46	
6	122	230	423	5	145 / 99	46	132	063	433	5	155 / 109	46	
7	131	020	432	5	154 / 108	46	143	793	444	5	166 / 120	46	
8	131	068	432	5	154 / 108	46	146	442	447	5	169 / 123	46	
9	126	510	427	5	148 / 103	45	149	477	450	5	172 / 126	46	
10	144	422	445	5	167 / 121	46	149	168	450	5	172 / 126	46	
11	127	759	428	5	150 / 104	46	147	436	448	5	170 / 124	46	
12	135	268	436	5	145 / 124	21	174	866	475	5	185 / 163	22	
TOTAL	1576	282				514	1776	265				515	
							1576	282				514	
DIFF/ELEV							199	983				1029	BM 8-1
BM 8-1													VALLEY VIEW AVE & ARTESIA SEE FB

F.B. 2858 PG. 30

SURVEY OF A CO PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER CLEAR

TIME 2:45

NOTES CHKD. [illegible] DATE 9/20/61

INST. NO. 75234

ROD NO. 95896

DATE 9/20/61

76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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

SURVEY BY A.C. GUIZADO WEATHER CLEAR INST. NO. 25234

NOTES BY A.C.G. DATE 7/7/61 TIME 1:30 to 2:10 ROD NO. 25242

INDEXED H. E. OTT DATE NOTES CHKD DATE 7/20/61

F.B. 2858 Pg. 31

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 1-1 TO BM 1-2
BM 1-1											BM 1-1
1	250	511	551	5	268 / 230 — 32	013	755	314	5	28½ / 13 — 30	VALLEY VIEW & SPKR
											SEE FB 1202-6
2	275	940	576	5	286 / 264 — 22	035	713	336	5	46 / 24 — 22	
3	266	440	567	5	280 / 252 — 28	050	132	351	5	63 / 37 — 26	↑ J.M. MALDONADO
4	174	398	475	5	189 / 159 — 30	193	780	494	5	211 / 175 — 36	
	072	710	373	5	84 / 60 — 24	297	038	598	5	297½ / 284½ — 26	
6	033	103	334	5	43 / 23 — 20	225	270	526	5	235 / 215 — 20	
7	046	851	347	5	57 / 34 — 23	207	460	508	5	217 / 196 — 21	
8	099	680	400	5	118 / 79 — 39	136	168	437	5	156 / 116 — 40	
9	156	520	457	5	179 / 133 — 46	115	120	416	5	137 / 92 — 45	
10	173	082	474	5	199 / 147 — 52	098	483	399	5	121 / 74 — 48	
TOTAL	1549	235 ✓			316 ✓	1372	919 ✓			313 ✓	
	1372	919 ✓								316 ✓	
DIFF/ELEV	176	316 ✓								629	METERS
BM 1-2											BM 1-2
											VALLEY VIEW & ALONDRA BLVD
											SEE FB 1202-7

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700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-2 TO BM 1-1
BM 1-2													BM 1-2
1	097	511	398	5	122 72	50	179	919	480	5	204 154	50	VALLEY VIEW & ALONORA BLVD
													SEE FB 1202-7
2	123	129	424	5	146 100	46	156	390	457	5	179 133	46	
3	130	623	431	5	150 110	40	094	258	395	5	114 74	40	
4	211	150	512	5	222 200	22	050	019	351	5	61 39	22	
5	216	573	517	5	226 206	20	025	692	326	5	35 15	20	
6	296	092	597	5	296 283 ½	26	071	320	372	5	83 59	24	
??? 7	191	331	492	5	207 175	32	171	830	472	5	187 155	32	????
8	035	840	336	5	49 21	28	250	340	551	5	263 237	26	
9	023	273	324	5	33 12	21	265	621	566	5	276 253	23	
10	016	950	317	5	31 16 ½	30	253	578	554	5	268 238	30	
TOTAL	1342	472				315	1518	967				313	
							1342	472				315	
DIFF/ELEV							176	495				628	
BM 1-1													BM 1-1
													VALLEY VIEW & SPRR
													SEE FB 1202-6

WEATHER CLEAR INST. NO. N3 75234

TIME 2:50 TO 3:40 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 PG. 32 PRIOR NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

76P526B CE # 308 8-59

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700 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.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C. Gutzman WEATHER Clear INST. NO. 35234
NOTES BY A.P.B. DATE 6-10-61 TIME 8:41 to 9:20 ROD NO. 9119
INDEXED H.L.Orr DATE NOTES CHKD R.L.R. DATE 9/20/61
F.B. 2858 Pg. 33

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-2 TO BM 1-1
B.M. 1-2					134						210		B.M. 1-2
1	110	206	411	5	86	48 ✓	184	875	485	5	159	51 ✓	Valley View & Alondra Blvd.
					147						186		See F.B. 1202-7
2	124	483	425	5	101	46 ✓	163	598	464	5	140	46 ✓	
					155						119		
3	135	171	436	5	114	42 ✓	100	593	461	5	81	38 ✓	
					230						70		
4	219	678	520	5	208	22 ✓	159	921	360	5	48	22 ✓	
					241						48		
5	231	990	532	5	221	20 ✓	138	800	339	5	25	23 ✓	
					301						90		
6	301	160	602	5	258	26 ✓	077	380	378	5	65	25 ✓	
					208						189		
7	192	380	493	5	176	32 ✓	172	209	473	5	155	34 ✓	
					66						283		
8	053	290	354	5	39	27 ✓	209	562	570	5	155	28 ✓	
					38						278		
9	027	542	328	5	16	22 ✓	267	707	568	5	256	22 ✓	
					34						273		
10	019	831	320	5	5	29 ✓	257	505	558	5	242	31 ✓	
Total	1415	731 ✓				312	1592	150 ✓				317	
							1415	731 ✓				312	
DIFF.							176	419 ✓				629	
B.M. 1-1													B.M. 1-1
													Valley View & S.P.R.R.
													See F.B. 1202-6

76P526B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO

NOTES BY ACG DATE 7-7-61

INDEXED H. E. OTT DATE

WEATHER STEAR

TIME 2:10 to 2:50

NOTES CHKD [illegible] DATE 9/20/61

INST. NO. 75234

ROD NO. 95891

F.B. 2858 PG. 35

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-2 TO BM 1-3 & RET.
BM 1-2													BM 1-2
1	165	232	466	5	175 155	20	157	770	458	5	167 147	20	VALLEY VIEW & ALONDRA BLVD SEE FB 1202-7
2	146	052	447	5	161 131	30	134	095	435	5	149 119	30	JM MALDONADO
3	142	901	443	5	157 127	30	135	810	436	5	150 120	30	
4	173	379	474	5	188 158	30	140	860	441	5	155 125	30	
	173	205	474	5	188 158	30	163	098	464	5	178 148	30	
TOTAL	800	769				140	731	633				140 140	
	731	633										280	METERS
DIFF/ELEV	69	136											
BM 1-3													BM 1-3
1	154	695	455	5	169 139	30	161	181	462	5	176 146	30	VALLEY VIEW & 0.2 No of ALONDRA BLVD SEE FB 1202-8
2	142	273	443	5	157 127	30	178	341	479	5	193 163	30	
3	140	860	441	5	155 125	30	150	892	451	5	165 135	30	
4	139	961	440	5	154 124	30	154	672	455	5	169 139	30	
5	164	289	465	5	174 154	20	166	240	467	5	176 156	20	
TOTAL	742	078				140	811	326				140 140	
							742	~~136~~ 078			METERS	280	BM 1-2
DIFF ELEV BM 1-2							69	~~190~~ 248					SEE ABOVE

F.B. 2858 Pg. 36 JOB NO. 030102

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM TO

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C. Gallardo WEATHER Clear INST. NO. 73234
NOTES BY A.R.R. DATE 7-10-61 TIME 8:30 A.M. ROD NO. 2570
INDEXED H. E. Ott DATE NOTES CHKD DATE 8/16/61
F.B. 2858 Pg. 37

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M.J-3 TO B.M.44
B.M.J-3					194						114		B.M.J-3 (U.S. 3996) USGS J-778
1	172	200	473	5	149	45	091	708	392	5	068	46	VALLEY VIEW AVE & 0.2 MI N OF
					207						134		ALONDRA BLVD; SEE FB 1202-8
2	184	852	485	5	161	46	111	685	412	5	088	46	
					164						124		
3	141	273	442	5	118	46	101	905	402	5	078	46	⊼ Maidondo
					176						109		
4	153	312	454	5	130	46	086	190	387	5	063	46	
					209						114		
5	186	388	487	5	163	46	091	508	392	5	068	46	
					200						126		
6	177	458	478	5	154	46	103	232	404	5	080	46	
					184						146		
7	161	100	462	5	138	46	123	130	424	5	100	46	
					264						098		
8	241	629	542	5	218	46	075	408	376	5	052	46	
					288						107		
9	265	410	566	5	242	46	058	117	387	5	065	42	
					135						148		
10	126	489	427	5	116	19	132	395	433	5	121	22	
To 1	1810	111				432	1003	258				432	
	1003	258										864	METERS (USCIGS K-778 Reset)
Diff. Elev	806	853											B.M. J-A.A (US K-778) US 3997 WTM
B.M.J-A.A													VALLEY VIEW AVE & STAGE RD
													SEE FB 2405-163

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F.B. 2858 PG. 38 — JOB NO. 2301.02 — SURVEY OF L.A. CO. PRECISE LEVEL NET — SURVEY BY ACG NOTES AKR — INDEXED H.E. OFF DATE

WEATHER Clear — TIME 1400 to 1745 — NOTES CHKD WSH — DATE 9/10/62 — INST. NO. N-3 75234 — ROD NO. 25896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44A TO B 713 (USCLGS K-1165 1928 ADJ 1947)
BM 44A					145						138		BM 1-49 K 225 ADJ 1947
1	133	273	434	5	121	24	127	311	428	5	116	22	VALLEY VIEW AVE & STAGG RD
2	087	079	388	5	066	42	268	599	569	5	291 244	47	SEE FB 2305-163
3	080	893	381	5	103 57	46	246	194	547	5	268 223	45	
4	124	879	425	5	147 101	46	165	722	466	5	188 142	46	
5	114	521	415	5	137 91	46	186	170	487	5	209 163	46	T Alondo
6	101	365	402	5	124 78	46	186	861	487	5	209 163	46	
7	096	837	397	5	119 73	46	175	392	476	5	198 152	46	
8	110	958	411	5	133 087	46	142	505	448	5	170 124	46	
9	113	022	414	5	136 090	46	186	672	487	5	209 163	46	
10	115	763	416	5	138 92	46	495	749	496	5	218 172	46	
Total	1078	590				434	1886	175				1336	MISTAKE
							1078	590				870	
DH 15c							807	585					
BM 713													BM 713 VALLEY VIEW AVE 0.2 MI N. OF ALONDRA BLVD SEE FB 1202-8

76P526B CE # 308 8-59

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

SURVEY BY A. E. Guizado WEATHER Haze INST. NO. 75234

NOTES BY A. R. B. DATE 7-11-61 TIME 8:50 to 9:20 ROD NO. 95496

INDEXED H. E. OTT DATE NOTES CHKD DATE 9/20/61

F.B. 2858 PG. 39

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M.1-4A TO B.M.1-3
B.M.-1-4A									B.M.-1-4A
1	128	941	429 5	140 117 23	123	141	424 5	133 113 20	~~(U.S.K.-778)~~ F.B. 2405-163 (USC&GS K-778 Reset)
2	111	532	412 5	132 91 41	300	749	601 5	300 276 45	
3	068	690	369 5	92 44 48	225	560	526 5	247 203 44	
4	129	080	430 5	152 106 46	176	883	477 5	199 153 46	
5	119	550	420 5	142 96 46	184	710	485 5	207 161 46	⊼ Guizado
6	092	000	393 5	115 69 46	198	590	499 5	221 175 46	
7	105	000	406 5	128 82 46	162	475	463 5	185 139 46	
	111	751	412 5	133 88 45	154	941	455 5	177 131 46	
	120	802	421 5	143 97 46	187	650	488 5	210 164 46	
10	104	910	405 5	127 81 46	184	888	485 5	207 162 45	
Total	1092	286		434	1899	581		433	
					1092	286		434	
					807	301		~~869~~ 862	Meters
B.M.1-3									B.M.-1-3 (U.S 3996)(J 778)
									F.B. 1202-8
									Valley View Ave, 846 N of ℄ Alondra Blvd

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LOS ANGELES COUNTY ENGINEER

700 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.

WEATHER Smoky INST. NO. 75234

TIME 10:00 A.M. ROD NO. 25896

NOTES CHKD Kellam DATE 9/26/61

JOB NO. 03[illegible]

SURVEY OF A.M. PRECISE LEVEL NET

SURVEY BY A.G.G. NOTES L.P.S.

INDEXED H.E.O.T. DATE

F.B. 2405' PG. 40

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 1-3 TO B.M. 1-4A
B.M. 1-3					205						125		B.M. 1-3 F.B. 1202-8,
1	182	241	483	5	159	46	102	194	403	5	79	46	Valley View Ave. 846' N.
					205						137		of ℄ of Alondra Ave.
2	182	180	483	5	159	46	114	905	405	5	91	46	
					176						133		
3	153	390	454	5	130	46	110	420	411	5	87	46	
					195						126		
4	172	290	473	5	149	46	103	436	404	5	80	46	
					222						127		
5	197	432	500	5	176	46	104	758	405	5	81	46	
					212						147		
6	189	582	490	5	166	46	124	588	425	5	101	46	
					201						152		
7	178	110	479	5	155	46	129	956	430	5	106	46	
					253						100		
8	230	920	531	5	207	46	078	131	379	5	55	45	
					296						160		
9	273	350	514	5	250	46	079	493	358	5	55	45	
					120						129		
10	109	350	410	5	98	22	115	958	416	5	102	27	
Total	1870	845	✓			390	1663	831	✓			436	
	1063	831	✓			436							
	807	014	✓										
B.M. 1-4A													

(USCIGS K-778 Reset)

B.M. 1-4A (~~U.S.K 778~~)

F.B. 2405-163

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.1-4A TO B.M.1-5A
B.M.1-4A									B.M.1-4A ~~K-778 [illegible]~~ (USC&GS K-778 Reset)
1	114	380	415 5	136 91 45	152	470	453 5	175 129 46	VALLEY VIEW AVE & STAGE Rd
									SEE FB 2305-163
	141	079	442 5	164 118 46	150	138	451 5	172 128 44	
3	171	169	472 5	194 148 46	113	348	414 5	136 090 46	J. MALDONADO
4	164	772	465 5	187 141 46	124	710	425 5	147 101 46	
5	158	324	459 5	181 135 46	111	429	412 5	134 88 46	
6	118	768	419 5	137 99 38	126	180	427 5	145 107 38	
Total	868	492		267	778	275		266	
	778	275						267	
Diff-Elev	090	217						533	Total Stadia
B.M.1-5A									B.M.1-5A ~~(US 2237)~~ USC&GS
									P51, 1958 RESET
									STAGE Rd & OLD LA MIRADA RR Sta
									SEE FB 2858-7

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

SURVEY BY A.R.B. DATE 7-10-61 WEATHER Clear INST. NO. 75234

NOTES BY [illegible] DATE 7-10-61 TIME 10:30 to 10:55 ROD NO. 9589

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 Pg. 41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M.1-5A TO B.M.1-4
B.M.1-5A					138						131		B.M.1-5A ~~(USC&GS)~~ USC&GS
1	119	719	420	5	099	38	112	390	413	5	93	38	P51, 1958 RESET, STAGE Rd
2	107	459	408	5	130 084	46	154	509	455	5	177 131	46	& Old LA MIRADA RR sta
3	125	403	426	5	148 102	46	165	552	466	5	188 142	46	SEE FB 2858 -)
4	115	560	416	5	138 92	46	172	170	473	5	195 150	45	
5	149	509	450	5	171 127	44	139	879	440	5	162 116	46	
6	150	920	451	5	173 127	46	114	698	415	5	136 92	44	
Total	768	570				266	559	198				265	
							768	570				266	
Diff Elev.							090	628				532	Total Stadia (USC&GS K-778 Reset)
B.M.1-4.4													B.M.1-4.4 ~~K-778 US 3997~~
													VALLEY VIEW AVE & STAGE Rd
													SEE FB 2305-163

WEATHER CLEAR INST. NO. N-3 75234

TIME 11 cot 11:25 ROD NO. 95+96

NOTES CHKD. [illegible] DATE 8/20/61

F.B. 2858 PG. 42 JOB NO. 0301.02

SURVEY OF A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES H.P.B.

INDEXED H. E. OTT DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. Guizado WEATHER Clear INST. NO. N-3 75234

NOTES BY A.B. DATE 7-10-61 TIME 1:40 2:40 ROD NO. 75+92

INDEXED E. OTT DATE NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 Pg. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 4A TO B.M. 5A
B.M. 1 4A									BM 1-4A ~~K-778 US3997~~ USC&GS K-778
1	115	420	416 5	138 92 46	152	400	453 5	175 129 46	VALLEY VIEW AVE & STAGE Rd
									SEE FB 2305-163
2	146	745	447 5	169 123 46	154	093	455 5	176 132 44	
3	173	510	474 5	196 150 46	118	889	419 5	141 96 45	
4	173	189	474 5	196 150 46	137	010	438 5	160 114 46	π Maldondo
5	167	368	468 5	189 144 45	116	161	417 5	139 93 46	
6	117	695	418 5	136 98 38	125	202	426 5	144 106 38	
Total	893	927		267	803	755		265	
	803	755						267	
								532	METERS
Diff./Elev.	90	172							
BM 1-5A									BM 1-5A ~~(US2237)~~ USC&GS
									P51 1958 RESET
									STAGE Rd & OLD LA MIRADA RR Sta.
									SEE FB 2858-7

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-5A TO BM 1-4A
BM1-5A					140						132		BM1-5A ~~US 2237~~ USCEGS
1	121	025	422	5	102	38	113	830	414	5	94	38	PSI 1958 RESET
					130						121		STAGE Rd & OLD LA MIRADA
2	107	523	408	5	84	46	158	938	459	5	135	46	RR Sta SEE FB2858-7
					154						190		
3	131	955	432	5	108	46	167	879	468	5	144	46	
					141						197		
4	118	122	419	5	95	46	174	295	475	5	151	46	
					172						164		⊼ Maldonado
5	150	605	451	5	128	44	141	683	442	5	118	46	
					174						136		
6	151	049	452	5	128	46	114	680	415	5	91	45	
Total	780	279				~~236~~	870	705				287	
						266	780	279				286	
Diff-Elev							90	420				~~533~~	METERS
BM1-4A												533	BM1-4A ~~K778 US3997~~ (USCEGS K-778 Reset)
													VALLEY VIEW & STAGE Rd
													SEE FB 2305-163

F.B. 2858 PG. 44

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ARB

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER CLEAR INST. NO. N3 75234

TIME 2:25 : 2:45 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/20/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M.1 5A TO B.M.1-4A
B.M.1-5A					143						136		B.M.1-5A F.B. 2858-7
1	124	783	425	5	104	39	117	993	418	5	98	38	Rd. (~~U.S. 2237~~ UZ) P.51 1958
					139						190		Reset U.S.&G.S.)
2	116	500	417	5	93	46	167	695	468	5	144	46	Stage Rd & Biola Ave
					165						201		
3	142	640	443	5	119	46	178	560	479	5	155	46	
					140						195		
4	117	840	418	5	94	46	172	999	473	5	149	46	⊼ Guizado
					215						208		
5	193	245	494	5	171	46	185	419	486	5	162	46	
					179						143		
6	157	145	458	5	134	45	120	150	421	5	97	46	
Total	852	153				268	942	816				268	
							852	153				268	
Diff/Elev							90	663				536	Meters
B.M.1-4A													B.M.1-4A
													~~(U.S.A. 778)~~ UZ F.B. 2405-163
													(USC&GS K-778 Reset)

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

SURVEY BY A.C. Guizado WEATHER Clear INST. NO. N-3 75234

NOTES BY A.R.R. DATE 7-11-61 TIME 8:25 to 8:40 ROD NO. 95+96

INDEXED B. E. OIL DATE NOTES CHKD DATE

F.B. 2858 Pg. 45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

F.B. 2858 PG. 46 JOB NO. 0381.02

SURVEY OF A.CO. PRECISE LEVEL NET

SURVEY BY E.C.G. NOTES A.P.B.

INDEXED H. E. ORT DATE

WEATHER -5mi9- INST. NO. 75234 N-3

TIME 11:35 :: 1:55 ROD NO. 95 & 96

NOTES CHKD Wilson DATE 5/24/4

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM1-4A TO BM1-54
BM1-4A					141						171		BM-1-49
1	118	080	419	5	95	46	154	870	455	5	131	46	(USC&GS K-778 Reset) FB 2405-163
					209						217		
2	186	916	487	5	163	46	195	658	496	5	173	44	
					197						142		
3	175	740	476	5	153	44	119	820	420	5	96	46	
					201						147		T. Guzado
4	175	715	479	5	155	46	149	750	445	5	101	46	7-11-6
					197						144		
5	174	250	425	5	151	46	121	221	422	5	98	46	
					186	8					149		
6	117	219	418	5	98	32	124	684	425	5	105	39	✓
Total	951	410	✓			264	861	003	✓			267	✓
	861	003	✓									264	
DIFF/ELEV	90	407	✓									53	
BM1-54													Meters
													BM 1-54 (~~USC&GS~~ Wilson) P.51 1958 Reset USC&GS)
													Stage Rd. & Biola Ave
													Fd. USC&GS Disk "P.51 1958 Reset"
													FB-2858-7

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M.1-4 A TO B.M.1-6
B.M.1-4A									B.M.1-4A
1	188	319	489 5	203 173 30	121	093	422 5	136 106 30	(~~6.6~~ usages K 778 reset) F.B. 2405-163
2	190	929	491 5	213 167 46	110	260	411 5	133 87 46	
3	193	168	494 5	216 170 46	110	948	411 5	133 87 46	
4	203	012	504 5	226 180 46	110	012	411 5	133 87 46	
5	172	733	473 5	195 148 47	088	557	389 5	111 65 46	⊼ Maldonado
6	195	039	496 5	214 176 38	129	500	430 5	149 109 40	
Total	1143	200		253	670	370		254	
	670	370						253	
Diff-Elev	472	830						507	Meters
B.M.1-6									B.M.1-6 F.B. 1202-11 Valley View Ave & Rosecrans Ave., 100' So. of ℄ Rosecrans Ave. & 11' W. of ℄ Valley View Fd C.S. Mon. Well & Cover

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

SURVEY BY A.C. Guizado

NOTES BY A.P.B. DATE 7-10-61

INDEXED H. E. OTT DATE

WEATHER Smog

TIME 2:55 to 3:20

NOTES CHKD [illegible] DATE 9/20/61

INST. NO. N-3 752234

ROD NO. 95+96

F.B. 2858 Pg. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 1-6 TO B.M. 1-4A
BM 1-6					143						208		B.M. 1-6 F.B. 1202-11
1	123	150	424	5	103	40	188	815	489	5	168	40	Valley View Ave & Rosecra.
					118						202		Ave 100' So. of ℄ Rosecra.
2	095	313	396	5	72	46	179	498	480	5	156	46	Ave & 11' W. of ℄ Valley
					132						222		C.S. Man in Well & Cover
3	109	945	410	5	86	46	199	114	500	5	176	46	
					128						213		
4	105	355	406	5	82	46	190	173	491	5	167	46	
					130						212		
5	107	436	408	5	84	46	189	233	490	5	166	46	
					138						205		
6	123	420	424	5	108	30	190	682	491	5	175	30	
Total	664	619				254	1137	515				254	
							664	619				254	
Diff/Elev							472	896				508	Meters
BM 1-4A													B.M. 1-4A Rept (~~U.S.~~ USCGS K 778) F.B. 2405-163

F.B. 2858 PG. 48

JOB NO. 0301.02

SURVEY OF A CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.P.B.

INDEXED H. E. OTT DATE

WEATHER Smoky- N-3 INST. NO. 75234

TIME 3:40 to 4:00 ROD NO. 95496

NOTES CHKD [illegible] DATE 5/20/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. GUIZADO WEATHER Cloudy INST. NO. 75 236

NOTES BY ACG DATE 7-12-61 TIME 8:50 to 9:30 ROD NO. 95 [illegible]

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE 7/24/61

F.B. 2858 Pg. 69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-6 TO BM 1-6A
BM 1-6	200	611	501	5	209 / 193	14	161	524	462	5	168 / 154	14	BM 1-6
1	161	524										14 / 28	VALLEY VIEW AVE & ROSECRANS AV
	39	087											SEE FB 1202-11
DIFF/ELEV TBM													TBM (WHITTIER I-12 1952)
1 +0	204	628	505	5	216 / 192	24	146	910	447	5	156 / 136	20	
2 +1	247	138	548	5	274 / 220	54	106	840	407	5	127 / 84	43	
3 +2	113	659	414	5	134 / 92	42	273	528	574	5	297 / 249	48	
4 +5	021	742	322	5	43 / 21 ½	44	204	432	505	5	228 / 180	48	A.R. BERILOTTI
5 +1	122	712	423	5	144 / 100	44	164	522	465	5	188 / 140	48	
6 +2	055	038	356	5	78 / 32	46	254	339	555	5	276 / 231	45	
7	054	712	355	5	76 / 32	44	191	107	492	5	214 / 168	46	
8	147	455	448	5	170 / 124	46	145	830	446	5	168 / 122	46	
9	164	579	465	5	187 / 141	46	132	883	433	5	155 / 109	46	
10	137	134	438	5	151 / 124	27	161	772	462	5	174 / 148	26	
TOTAL	1268	797				417	1782	163				416 / 417	833 METERS
							1268	797					BM 1-6A
DIFF ELEV BM 1-6A							513	366					VALLEY VIEW AVE & FOSTER RD
													SEE FB 2858 pg 8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-6A TO BM-1-6
BM 1-6A	166	238	467	5	180 152	28	139	448	440	5	152 126	27	BM 1-6A
2	130	414	431	5	153 107	46	163	372	464	5	186 140	46	VALLEY VIEW AVE & FOSTER RD SEE FB 2858-8
3	147	611	448	5	170 124	46	138	038	439	5	161 115	46	
4	173	632	474	5	196 150	46	049	702	350	5	92 26	46	A.R. BERILOTTI 7-11-61
5	257	854	558	5	280 234	46	059	729	360	5	82 36	46	
6	163	508	464	5	186 140	46	120	532	421	5	143 97	46	
7	198	044	499	5	221 175	46	015	180	316	5	38 15 1/2	46	
8	267	138	568	5	290 244	46	107	240	408	5	130 84	46	
9	093	642	394	5	116 70	46	227	939	528	5	250 204	46	
10	135	164	436	5	147 123	24	198	903	499	5	211 185	26	
TOTAL	1738	245				420	1220	083				421 420 841	METERS
	1220	083											TBM (WHITTIER I-12 1952)
DIFF/ELEV	513	162											VALLEY VIEW & ROSECRANS AVE
TBM													
1	155	702	456	5	162 145	14	194	763	495	5	207 187	14	
							155	702				14	BM 1-6
DIFF/ELEV							39	061				28	VALLEY VIEW & ROSECRANS AVE
BM 1-6													SEE FB 1202-11

F.B. 2858 PG. 50 JOB NO. 0301.02

SURVEY OF A CO PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER HAZY INST. NO. N3 752

TIME 2:31 ROD NO. 95096

NOTES CHKD. [illegible] DATE 9/20/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A. C. Guizado WEATHER Hazy - 14-3 INST. NO. 75235

NOTES BY A.R.B. DATE 7-12-61 TIME 9:30 to 10:20 ROD NO. 95+9

INDEXED B. E. Ott DATE NOTES CHKD. [illegible] DATE 9/20/61

F.B. 2858 PG. 51

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-6A TO BM 1-7
B.M. 1-6A													BM 1-6A
1	179	234	480	5	202 156	46	116	023	417	5	139 93	46	VALLEY VIEW AVE & FOSTER Rd
2	145	812	446	5	168 122	46	126	484	427	5	149 103	46	SEE FB 2858-8
3	164	778	465	5	187 141	46	136	395	437	5	157 113	46	
4	154	164	455	5	177 131	46	132	898	433	5	155 109	46	⊼ A.R. Barilotti
5	158	943	459	5	176 138	38	131	681	432	5	150 112	38	
6	221	453	522	5	240 202	38	016	463	317	5	36 16 1/2	40	
7	233	359	534	5	248 218	30	111	069	412	5	126 96	30	
8	168	518	469	5	196 140	56	124	239	425	5	148 100	48	
9	167	169	468	5	179 154	25	122	878	423	5	134 110	24	
10	161	639	462	5	166 155	11	136	156	437	5	147 125	22	
TOTAL	1755	069				382	1154	286				386	
	1154	286										382	
												768	METERS
DIFF/ELEV	600	783											
BM 1-7													BM 1-7
													VALLEY VIEW AVE & IMPERIAL HWY
													SEE FB 1202-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

WEATHER Hot Y INST. NO. 75234 N-3
TIME 1:45 P 2:35 ROD NO. 95992
NOTES CHKD Swan DATE 8/24/61

F.B. 2858 PG. 52 JOB NO 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY ACCS NOTES ACCS
INDEXED H.E. OTT DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 1-7 TO BM 1-6A
BM 1-7											BM 1-7
1	140	719	441	5	149 / 131 / 18'	166	430	467	5	174 / 158 / 16'	VALLEY VIEW & IMPERIAL AVE.
2	109	882	410	5	132 / 86 / 46'	174	627	475	5	197 / 151 / 46'	SEE FB 1202-2-12
3	132	898	433	5	155 / 109 / 46'	186	739	487	5	209 / 163 / 46'	↑ A.R. BERLOTTI
4	056	111	357	5	71 / 41 / 30'	249	658	550	5	265 / 233 / 32'	7-11-61
5	043	541	344	5	66 / 20 / 46'	162	900	463	5	185 / 139 / 46'	
6	140	468	441	5	148 / 132 / 16'	151	498	452	5	158 / 144 / 14'	
7	133	818	434	5	156 / 110 / 46'	154	889	455	5	177 / 131 / 46'	
8	137	689	438	5	160 / 115 / 46'	165	112	466	5	188 / 142 / 46'	
9	131	804	432	5	156 / 108 / 46'	150	962	451	5	173 / 127 / 46'	
10	114	478	415	5	137 / 91 / 46'	179	204	480	5	202 / 156 / 46'	
TOTAL	1141	408			886'	1742	019			886'	
						1141	408				METERS
DIFF/ELEV BM 1-6A						600	611			770	BM 1-6A VALLEY VIEW AVE & FOSTER RD SEE FB 2858-2

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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. Whittier I-10 A

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

SURVEY BY A.C. Guizado WEATHER Cloudy INST. NO. 76214

NOTES BY A.R.S. DATE 7-12-61 TIME 1:30 to 1:45 ROD NO. 59496

INDEXED H.E.O.M. DATE NOTES CHKD K.C.M. DATE 7/28/61

F.B. 28858 Pg. 53

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM B.M. 1-7 TO B.M. 1-8
B.M. 1-7										134	B.M. 1-7
1	226	525	527	5	239 213 26	120	219	421	5	106 98 28	VALLEY VIEW & IMPERIAL SEE FB 1202-12
2	276	583	577	5	298 253 46	075	100	376	5	52 045 46	
3	227	939	528	5	247 207 40	026	068	327	5	006 037 39	
4	269	615	570	5	283 255 28	023	419	324	5	009 120 25	↑ Maldonato
5	260	543	561	5	274 246 28	106	100	407	5	092	25 T.B.M. Whittier I-10 A
Total ( ) T.B.M.	1261	205			168	350	896				1688
	350	896		5							169
H.I. Elev B.M.	910	309									3387 Meters
1	202	360	503	5	225 179 46	138	360	439	5	161 115 46	T.B.M. (WHITTIER I-10A) VALLEY VIEW AVE & 0.2 MI NO. OF IMPERIAL HWY
2	160	298	461	5	183 137 46	135	609	436	5	158 112 46	
3	163	772	464	5	186 140 46	051	967	352	5	071 028 43	
4	293	550	594	5	293 275 36	035	269	336	5	053 035 36	
Total	819	980			174	361	205				174
	361	205									174
H.I. Elev B.M. 1-8	458	775									349 Meters B.M. 1-8 (WHITTIER I-10) VALLEY VIEW & LOFFINGWELL SEE FB 1202-13

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 1-8 TO B.M. 1-7
B.M. 1-8													B.M. 1-8 (Whittier I-10)
1	044	562	345	5	052 044	36 ~~44~~	300	561	601	5	300 282	36 ~~44~~	VALLEY VIEW & LEFFINGWELL
													SEE FB 1202-13
2	052	575	353	5	075 029	46	168	223	469	5	191 145	46	
3	141	269	442	5	164 118	46	165	259	466	5	188 142	46	
4	135	763	436	5	158 112	46	199	148	500	5	222 176	46	
Total	374	169				~~182~~ 174	833	191				~~182~~ 174	
				5			374	169		5		~~182~~ 174	
Diff/Elev							459	022				~~364~~ 348	Meters ⊼ Maldonado
T.B.M.													T.B.M. [illegible] I-10 A.
1	106	801	407	5	120 092	28	261	379	562	5	275 247	28	
2	025	516	326	5	038 012	26	270	317	571	5	284 256	28	
3	018	999	319	5	35 18	40	220	385	521	5	240 200	40	
4	076	578	377	5	099 053	46	279	454	580	5	301 256	45	
5	118	493	419	5	132 104	28	224	493	525	5	237 211	26	
Total	346	387				168	256	028				167	
							346	387				168	
Diff/Elev							909	641				335	Meters
B.M. 1-7													B.M. 1-7
													VALLEY VIEW & IMPERIAL BLVD
													SEE FB 1202-12

F.B. 2858 PG. 54 JOB NO. 0301-02

SURVEY OF F.A.M. PRECISE LEVEL NET

SURVEY BY A.G.G. NOTES A.R.B.

INDEXED H. E. OTT DATE

WEATHER Cloudy N-3 INST. NO. 75234

TIME 2:45 to 3:20 ROD NO. 95+96

NOTES CHKD [illegible] DATE 9/20/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. Guizado WEATHER Cloudy INST. NO. N-3 75234

NOTES BY A.R.B. DATE 7-13-61 TIME 8:35 to 9:15 ROD NO. 95796

INDEXED B.E. Ott DATE NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 Pg. 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 1-7 TO B.M. 1-8
B.M. 1-7													B.M. 1-7
1	225	900	526	5	238 / 212	26	119	000	420	5	132 / 105	27	Valley View & Imperial
2	272	912	573	5	295 / 249	46	071	331	372	5	093 / 048	45	100± So. of Imperial Blvd. & SEE FB 1202-12
3	223	963	524	5	243 / 203	40	021	662	322	5	41 / 21	40	
4	271	876	572	5	284 / 257	27	025	642	326	5	039 / 011	28	⊼ Maldonado
5	253	727	554	5	267 / 239	28	101	222	402	5	115 / 087	28	
Total	1248	378				168	338	857				168 / 168 / 338	METERS
	338	857											
Diff/Elev	909	521											
T.B.M.													T.B.M. Whittier "I"-10A
1	201	293	502	5	224 / 178	46	137	872	438	5	160 / 114	46	
2	159	747	460	5	182 / 136	46	136	087	437	5	159 / 113	46	⊼ Maldonado
3	167	623	468	5	190 / 144	46	051	165	352	5	074 / 028	46	
4	299	255	600	5	299 / 281	36	043	798	344	5	061 / 043	36	
Total	827	918				174	368	922				174 / 174 / 348	METERS
	368	922											
Diff/Elev	458	996											
B.M. 1-8													B.M. 1-8 VALLEY VIEW AVE & LEFFINGWELL Rd SEE FB 1202-13

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM T.B.M. TO B.M-1-7
T.B.M.													T.B.M. Whittier I-10 A
1	162	902	403	5	116 088	26	259	500	560	5	273 245	28	VALLEY VIEW AVE & 0.2 MI NO. OF IMPERIAL HWY
2	028	463	329	5	041 015	26	270	311	571	5	283 256	27	
3	018	697	319	5	038 018	40	223	718	524	5	243 203	40	
4	070	800	371	5	92 47	45	269	935	570	5	292 246	46	⊼ Maldonato
5	113	810	414	5	127 099	28	220	618	521	5	233 207	26	
Total	334	672				167	244	162				168	
							334	672				167	
												3354	METERS
Diff/Elev.							909	490					
B.M.1-7													B.M.1-7
													VALLEY VIEW & IMPERIAL HWY
													SEE FB 1202-12

F.B. 2858 PG. 56

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.R.B.

INDEXED H. E. O'B DATE

JOB NO. 0301.02

WEATHER Cloudy

TIME 9:20 to 9:45

NOTES CHKD WTM

INST. NO. 75234

ROD NO. 95996

DATE 9/20/61

N-3

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M-1-8 TO B.M 1-9-B
M1-8													BM 1-8 (WHITTIER I-10
1	158	073	459	5	181 135	46	145	798	446	5	168 122	46	VALLEY VIEW & LEFFINGWELL
													SEE FB 1202-13
2	134	875	435	5	157 111	46	074	821	375	5	097 051	46	
	222	439	523	5	245 199	46	063	959	364	5	086 040	46	
4	232	824	533	5	255 209	46	042	789	343	5	065 019	46	
	264	052	565	5	279 249	30	040	801	341	5	055 025	30	
	275	023	576	5	290 260	30	025	822	326	5	040 010	30	
	174	533	475	5	196 152	46	211	290	512	5	234 188	46	
Total	1461	819				290	605	280				290	
	605	280										290	
Diff/Elev	856	539										580	Meters
BM 1-9B													B.M. 1-9-B (WHITTIER J-10 AUX 1) 1960
													LEFFINGWELL & ANAHEIM-TELEGRAPH
													SEE FB 1202-14

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

SURVEY BY A.C. Guzado WEATHER Cloudy INST. NO. 75234

NOTES BY A.R.B. DATE 7-12-61 TIME 1:45 to 7:15 ROD NO. 95496

INDEXED H. E. [illegible] DATE NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 PG. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M-1 9-B TO B.M 1-8
B.M-1 9-B-					231						144		B.M-1-9-B (WHITTIER J-1 AUX) 1960
1	208	600	509	5	185	46	172	600	473	5	149	45	LEFFINGWELL & ANAHEIM TELEGRAPH
													SEE FB 1202-14
2	023	773	324	5	038 / 008	30	271	998	572	5	286 / 256	30	
3	030	430	331	5	045 / 015	30	246	691	547	5	261 / 231	30	
4	031	687	332	5	054 / 008	46	230	441	531	5	252 / 207	45	
5	061	890	362	5	084 / 038	46	219	521	520	5	242 / 196	46	
6	072	271	373	5	095 / 049	46	132	825	433	5	155 / 109	46	
7	147	458	448	5	170 / 124	46	158	798	459	5	181 / 135	46	
Total	576	109				290	432	874				288	
							576	109				290	
D.H/Elev							856	765				~~580~~ 578	Meters
B.M-1-8													B.M. 1-8 (WHITTIER I-10)
													LEFFINGWELL & VALLEY VIEW
													SEE FB 1202-13

F.B. 2858 PG. 58

SURVEY OF C A CO PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.R.B.

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER Cloudy INST. NO. 75234

TIME 2:15 to 2:45 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE 9/20/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. Guizado WEATHER Cloudy INST. NO. 75234 N-3

NOTES BY A.R.B. DATE 7-13-61 TIME 10:00 to 10:45 ROD NO. 95496

INDEXED H.E. OTT DATE NOTES CHKD [illegible] DATE 9/20/61

F.B. 2858 PG. 59

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 1-9B TO B.M. 1-9A-9C
M 1-9B									B.M. 1 9B.
	233	481	534 5	252 214 38	112	199	413 5	131 093 38	LEFFINGWELL Rd & TELEGRAPH Rd
									SEE FB 1202-14
	125	247	426 5	150 100 50	199	009	500 5	223 175 48	
	204	830	505 5	227 181 46	062	005	363 5	085 039 46	
	227	011	528 5	250 204 46	067	540	368 5	090 044 46	
									* Maldonado
	227	783	525 5	250 204 46	077	510	375 5	100 054 46	
	217	373	515 5	248 204 44	097	623	398 5	120 074 46	
	220	023	521 5	243 197 46	080	419	389 5	103 057 46	
	229	639	530 5	252 206 46	076	891	377 5	099 053 46	
	179	175	480 5	197 161 36	145	291	446 5	162 128 34	
otal	1864	562		398	918	487		396	
	918	487						398	
								794	METERS
ff/Elev	946	075							
M 1 9A				195				172	B.M. 1-9A Colima Rd &
	191	420	492 5	187 08	168	422	469 5	163 09	Reis St (Miller Rd) SEE FB 2858-9
otal	191	420	492		168	422	469	08	
	168	422						17	Meters
ff/Elev	22	998							
M 1-9C									B.M. 1-9C
									SEE FB 2858-9

1.977

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LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.1-9C TO B.M.1 9B
B.M.1-9C													B.M.1-9C Colma Rd &
1	164	719	465	5	170 158	12	187	692	488	5	193 181	12	Reis (Miller) Rd, See FB 2858-9
Total	164	719					187	692				12	
				5			164	719		5		24	Meters
Diff/Elev							22	973					
B.M.1-9A													B.M.1-9A
1	144	560	445	5	161 127	34	178	198	479	5	196 160	36	See FB 2858-9
2	073	371	374	5	098 050	46	222	790	523	5	245 199	46	
3	074	700	375	5	097 051	46	223	732	524	5	245 201	44	Moldonato
4	105	885	406	5	128 82	46	215	535	516	5	238 192	46	
5	066	638	367	5	089 043	46	222	035	523	5	245 199	46	
6	069	738	370	5	092 046	46	233	211	534	5	256 210	46	
7	054	292	355	5	077 031	46	193	929	494	5	216 170	46	
8	196	182	497	5	220 172	48	120	402	421	5	145 095	50	
9	106	521	407	5	126 86	40	227	879	528	5	245 208	37	
Total	891	887				398	837	711				397 398 795	Meters
							891	887					
Diff/Elev							945	824					
B.M.1 9B													B.M.1-9B Leffingwell Rd
													Telegraph Rd, See FB 1202-14

F.B. 2858 PG. 60

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY A.G.G. NOTES A.R.B.

INDEXED B.E. OTT DATE

JOB NO. 0301.02

WEATHER Cloudy INST. NO. 75234

TIME 1:00 " 2:30 ROD NO. 95496

NOTES CHKD. [illegible] DATE 9/21/61

N-3

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. Guizado WEATHER Cloudy INST. NO. 75234

NOTES BY A.R.B. DATE 7-13-61 TIME 10:45 A.M. 11:35 ROD NO. 9589

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE 9/21/61

F.B. 2858 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 1-9-C TO B.M. 1-10
B.M. 1-9C									B.M. 1-9C
1	231	241	532 5	255 / 202 48	143	195	444 5	166 / 119 47	Colima Rd & Reis St (Miller Rd)
									SEE FB 2858-9
2	159	209	460 5	182 / 136 46	153	121	454 5	177 / 129 48	
3	154	362	455 5	178 / 130 48	177	733	478 5	200 / 154 46	
4	125	321	426 5	148 / 102 46	186	465	487 5	209 / 163 46	
5	098	492	399 5	121 / 75 46	198	710	499 5	222 / 175 47	⊼ Maldonato
6	073	395	374 5	096 / 050 46	267	160	568 5	290 / 244 46	
7	029	914	330 5	048 / 010 38	268	500	569 5	287 / 249 38	
8	034	990	335 5	049 / 019 30	224	230	525 5	240 / 208 32	
9	040	659	341 5	057 / 023 34	253	882	554 5	270 / 236 34	
10	076	388	377 5	091 / 061 30	254	190	555 5	269 / 238 31	
11	077	250	378 5	090 / 064 26	224	250	525 5	237 / 211 26	
Total	1101	221 ✓		438	2351	436 ✓		441 / 438	✓
					1101	221 ✓		879	METERS
Diff/Elev					1250	215 ✓			
B.M. 1-10									B.M. 1-10
									Colima Rd & Hawes St
									SEE FB 1202-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

INST. NO. 15234 ROD NO. 35496 DATE 9/21/61

WEATHER Hazy TIME 11:35 12:15 NOTES CHKD. [illegible]

JOB NO. 03101.03

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.E.G. NOTES A.P.B.

INDEXED H.E.O.B. DATE

F.B. 2858 PG. 62

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-10 TO B.M. 1-9.C.
BM 1-10					234								BM 1-10
1	221	860	522	5	208	26	075	755	376	5	061	26	Colima Rd & Howes St
													SEE FB 12021
2	253	891	554	5	238	30	085	211	386	5	069	31	
3	258	228	559	5	241	34	035	720	336	5	015	34	
4	237	647	538	5	222	30	049	220	350	5	034	30	
5	265	149	566	5	246	38	024	300	325	5	005	38	
6	264	722	505	5	241	46	073	600	374	5	050	46	
													M. Maldonado
7	196	435	497	5	173	46	081	245	382	5	058	46	
8	170	567	471	5	147	46	124	490	425	5	101	46	
9	177	930	475	5	154	46	153	930	454	5	120	47	
10	153	548	454	5	129	48	154	537	460	5	136	45	
11	147	412	448	5	123	47	235	149	536	5	211	48	
Total	2347	449	✓			497	1098	687				437	✓
	1098	687	✓									874	✓ METERS
Diff/Elev	1248	762	✓										
BM 1-9.C													B.M. 1-9.C.
													Colima Rd & Lois St (Miller Rd)
													SEE FB 2858-9

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A. C. Guzado

NOTES BY F.R.P. DATE 7-18-61 TIME 2:45 WEATHER Hazy INST. NO. 35134

INDEXED H.E.O.M. DATE NOTES CHKD [illegible] DATE 7/24/61 ROD NO. 35792

F.B. 2858 Pg. 63

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM B.M. 1-9c TO B.M. 1-10
B.M. 1-9c										160	B.M. 1-9c Colima Rd &
1	227	513	528	5	251 203 48	136	221	439	5	113 47	Reis St Miller Rd
											See FB 2858-9
2	157	591	458	5	180 134 46	154	768	455	5	178 130 48	
3	152	537	453	5	175 128 47	162	458	463	5	185 139 46	
4	108	335	409	5	131 085 46	182	869	483	5	205 159 46	
										214	↑ J.M. Maldonado
5	091	930	392	5	114 068 46	191	700	492	5	168 46	
6	076	632	377	5	099 053 46	270	949	571	5	293 247 46	
7	026	842	327	5	045 007 38	265	400	566	5	284 246 38	
8	039	720	340	5	054 024 30	228	512	529	5	243 213 30	
9	038	597	339	5	055 021 34	252	920	553	5	269 235 34	
10	078	861	379	5	093 062 31	255	838	556	5	271 239 32	
11	080	310	381	5	093 067 26	227	221	528	5	240 214 26	
Total	1078	778			438		2328	856		439 438 87	
							1078	778			
D.H./Elev							1250	078			
B.M. 1-10											BM-1-10 Colima Rd & Hawes St See FB 1202-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS RERU
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-10 TO BM 1-9C
BM 1-10													BM 1-10
1	224	691	525	5	237 211	26	083	201	384	5	96 71	25	COLIMA RD &
2	262	238	563	5	278 246	32	082	361	383	5	97 67	30	HAWES ST SEE F.B. 1202-15
3	257	662	558	5	274 240	34	040	900	341	5	57 23	34	FOR DESC
4	236	081	537	5	251 220	31	048	160	349	5	63 33	30	
5	267	421	568	5	2[illegible]6 248	38	025	940	326	5	44 6	38	
6	270	267	571	5	293 247	46	078	517	379	5	101 55	46	
7	201	339	502	5	224 178	46	098	840	399	5	122 74	48	⊼ J. MALDONADO
8	180	680	481	5	203 157	46	122	615	423	5	145 99	46	
9	175	933	476	5	198 152	46	154	092	455	5	178 130	48	
10	152	369	453	5	176 128	48	157	031	458	5	181 134	47	
11	143	450	444	5	166 120	46	230	629	531	5	253 207	46	
TOTAL	2372	131	CM			439	1122	286	CM			438	
DIFF IN	1122	286										439	BM 1-9C
ELEV	1249	845	CM						METERS			877	COLIMA RD & MILLER RD.
BM 1-9C													SEE F.B. 2858-9 FOR DESC

WEATHER SUNNY & WARM N-3 INST. NO. 75234
TIME 8.25 TO 9.10 ROD NO. 95896
NOTES CHKD. [illegible] DATE 9/21/61

JOB NO. 0301.02
SURVEY OF C.A. CO PRECISE LEVEL NET
SURVEY BY ACG NOTES A.R.B. 7-17-61
INDEXED H. E. OTT DATE

F.B. 2858 PG. 64

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-10 TO BM 1-10C
BM 1-10													BM 1-10
1	142	808	443	5	165 / 119	46	058	629	359	5	82 / 34	48	COLIMA RD & HAWES ST
2	116	230	417	5	139 / 93	46	207	440	508	5	230 / 184	46	SEE F.B. 1202-15 FOR DESC
3	190	673	491	5	213 / 167	46	114	929	415	5	137 / 91	46	
4	194	604	495	5	217 / 171	46	123	400	424	5	146 / 100	46	
5	188	455	489	5	211 / 165	46	102	922	403	5	125 / 80	45	
6	184	878	485	5	207 / 161	46	097	528	398	5	120 / 74	46	⊼ MALDONADO
7	212	013	513	5	235 / 189	46	065	172	366	5	88 / 42	46	
8	223	860	524	5	246 / 200	46	020	200	321	5	37 / 3	34	
9	200	469	501	5	210 / 190	20	124	741	425	5	139 / 110	29	
TOTAL	1653	990	CM			388	914	961	CM			386	
DIFF IN	914	961										388	
ELEV	739	029	CM									774	METERS
BM 1-10C													BM 1-10 C
													COLIMA RD &
													LAMBERTC RD (TO EAST)
													SEE F.B. 2858-10
													FOR DESC

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

SURVEY BY A. C. GUIZADO

NOTES BY A L G DATE 7-17-61

INDEXED H. E. OTT DATE

WEATHER SUNNY & HOT

TIME 9.25 TO 10.15

NOTES CHKD [illegible] DATE 9/21/6

INST. NO. N3 75230

ROD NO. 95 & 96

F.B. 2858 PG. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-10C TO BM 1-10
BM 1-10C													BM 1-10 C
1	141	800	442	5	150 132	18	171	415	472	5	181 162	19	COLIMA RD &
					42								LAMBERT RD (TO EAST
2	019	719	320	5	42 19	46	268	925	569	5	291 245	46	SEE F.B. 2858-10
													FOR DESC
3	067	510	368	5	90 44	46	214	135	515	5	237 191	46	
4	100	863	401	5	123 77	46	187	459	488	5	210 164	46	
5	093	628	394	5	116 70	46	182	528	483	5	205 159	46	
													⊼ MALDONADO
6	119	510	420	5	142 96	46	190	231	491	5	213 167	46	
7	113	190	414	5	136 90	46	179	126	480	5	202 156	46	
8	207	008	508	5	230 184	46	142	159	443	5	165 119	46	
9	073	261	374	5	96 50	46	139	351	440	5	162 116	46	
TOTAL	936	489	CM			386	1675	329	CM			387	
DIFF IN							936	489				386	
ELEV							738	840	CM			773	METERS
BM 1-10													BM 1-10
													COLIMA RD & HAWES ST.
													SEE F.B 1202-15 FOR DES

F.B. 2858 PG. 66

JOB NO. 0301.02

SURVEY OF F.A. CO PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.C.G. 7-17-61

INDEXED H. E. OTT DATE

WEATHER SUNNY & HOT INST. NO. 75234 X13

TIME 12 40 TO 120 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/21/61

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-10C TO BM 1-11
BM 1-10 C													BM 1-10 C
1	202	690	503	5	225 / 179	46	070	069	371	5	93 / 47	46	COLIMA RD &
2	253	658	554	5	276 / 230	46	077	403	378	5	100 / 54	46	LAMBERT RD (TO EAST SEE F.B. 2858-10
3	234	543	535	5	257 / 211	46	057	715	358	5	80 / 34	46	FOR DESC
4	234	552	535	5	257 / 211	46	064	659	365	5	87 / 41	46	
5	239	369	540	5	262 / 216	46	051	068	352	5	74 / 28	46	
6	255	332	556	5	278 / 232	46	048	828	349	5	71 / 25	46	⊼ J. MALDONADO
7	261	826	562	5	284 / 238	46	033	159	334	5	56 / 10	46	
8	261	003	562	5	283 / 239	44	005	578	306	5	X2 / 27 / 5	44	
9	277	211	578	5	292 / 262	30	088	492	389	5	104 / 72	32	
TOTAL	2220	184	CM			396	496	971	CM			398	
DIFF IN	496	971										396	
ELEV	1723	213	CM									794	METERS
BM 1-11													BM 1-11
													COLIMA RD & WHITTER BLVD
													SEE F.B. 1202-16 FOR DESC

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

SURVEY BY A C GUIZADO

NOTES BY ALG DATE 7-17-61

INDEXED H. E. OTT DATE

WEATHER SUNNY & HOT

TIME 10.15 TO 10.55

NOTES CHKD [illegible] DATE 9/21/61

INST. NO. N37523

ROD NO. 95 & 9[illegible]

F.B. 2858 PG. 67

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M 1-11 TO BM 1-10 C
BM 1-11													B.M. 1-11
1	083	935	384	5	99 67	32	262	261	563	5	277 247	30	WHITTIER BLVD &
2	003	700	304	5	x2 25 3	44	271	290	572	5	293 248	45	COLIMA RD SEE F.B 1202-16
3	039	836	340	5	62 16	46	267	682	568	5	290 244	46	FOR DESC
4	056	065	357	5	79 33	46	262	100	563	5	285 239	46	
5	050	938	351	5	73 27	46	241	481	542	5	264 218	46	
6	067	510	368	5	90 44	46	236	518	537	5	259 213	46	⊼ J. MALDONADO
7	066	533	367	5	89 43	46	243	330	544	5	266 220	46	
8	089	210	390	5	112 66	46	257	890	558	5	280 234	46	
9	066	513	367	5	89 43	46	204	922	505	5	227 181	46	
TOTAL	524	240	CM			398	2247	474	CM			397	
DIFF IN							524	240				398	
ELEV							1723	234	CM			795	METERS
BM 1-10 C													BM 1-10 C COLIMA RD & LAMBERT Rd (TO EAST SEE F.B. 2858-10 FOR DESC

WEATHER HOT & SUNNY INST. NO. N3 75234
TIME 1055 TO 11.30 ROD NO. 95 & 96
NOTES CHKD DATE

JOB NO. 0301.02
SURVEY OF C.A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES ALG 7-17-61
INDEXED H. E. OTT DATE

F.B. 2858 PG 68

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY A. C. GUIZADO WEATHER HOT & SUNNY INST. NO. 53733
NOTES BY A. L. G. DATE 7-17-61 TIME 2:05 TO 2:35 ROD NO. 5529
INDEXED M. E. OTT DATE NOTES CHKD DATE 7/21/61
F.B. 2858 Pg. 69

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 1-11 TO BM 1-11 A
BM 1-11											BM 1-11
1	235	902	536	5	247 223 24	097	321	398	5	111 83 28	WHITTIER BLVD & COLIMA RD
2	073	030	374	5	96 50 46	228	393	529	5	250 206 44	SEE F.B. 1202-16 FOR DESC
3	065	650	366	5	88 42 46	255	018	556	5	278 232 46	
4	104	431	405	5	127 81 46	193	841	500	5	221 177 44	
5	113	535	414	5	140 86 54	203	200	504	5	230 176 54	
6	155	875	456	5	182 128 54	121	375	422	5	148 94 54	⊼ G.E COOK
7	184	613	485	5	208 168 48	141	646	442	5	165 117 48	
8	177	930	478	5	188 166 22	171	500	472	5	181 160 21	
TOTAL	1110	966	CM		340	1418	294	CM		339	
DIFF IN ELEV BM 1-11A						1110	966			340	
						308	328			679	METERS
											BM 1-11A
											WHITTIER BLVD & LA ENTRADA AVE
											SEE F.B 2858-11 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

F.B. 2858 PG. 70

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

SURVEY BY A.C.G. NOTES A.L.G. 7-24-61

INDEXED H. E. OTT DATE

WEATHER OVER CAST INST. NO. N3 75234

TIME 8.15 TO 8.50 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 7/24/61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-11A TO BM 1-11
BM 1-11 A													BM 1-11 A
1	156	901	457	5	166 146	20	163	261	464	5	174 153	21	WHITTIER BLVD &
													LA ENTRADA AVE
2	127	741	428	5	151 103	48	180	105	481	5	204 156	48	SEE F.B 2858-11
													FOR DESC
3	115	104	416	5	143 88	55	151	019	452	5	179 124	55	
4	197	204	498	5	224 170	54	104	588	405	5	131 77	54	
5	192	842	493	5	215 169	46	089	563	390	5	112 66	46	
6	253	565	554	5	275 231	44	064	258	365	5	87 41	46	⊼ G. E. COOK
7	248	032	549	5	272 225	47	093	760	394	5	115 72	43	
8	114	525	415	5	128 100	28	251	923	552	5	265 237	28	
TOTAL	1405	914	CM			342	1098	477	CM			341	
DIFF IN ELEV	1098	477										342	
BM 1-11	307	437	CM									683	METERS
													BM 1-11
													WHITTIER BLVD &
													COLIMA RD
													SEE F.B. 1202-16
													FOR DESC

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A C GUIZADO WEATHER HOT & HUMID INST. NO. N3-1523

NOTES BY A L G DATE 7-17-61 TIME 2.40 TO ROD NO. 35-296

INDEXED H. E. ORR DATE NOTES CHKD [illegible] DATE 8/24/61

F.B. 2858 Pg. 71

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM BM 1-11A TO BM 1-12
BM 1-11A											BM 1-11A
1	201	861	502	5	224 178 46	093	610	394	5	116 78 46	WHITTIER BLVD & LA ENTRADA AVE
2	218	392	519	5	241 195 46	105	458	406	5	128 82 46	SEE F.B 2858-11 FOR DESC
3	233	422	534	5	256 210 46	097	238	398	5	130 74 46	
4	220	142	521	5	243 197 46	099	938	400	5	122 76 46	
5	171	455	472	5	194 148 46	135	236	436	5	158 112 46	T G E COOK
6	174	460	475	5	197 151 46	135	750	436	5	158 112 46	
7	173	341	474	5	196 150 46	233	494	534	5	256 210 46	
8	112	095	413	5	135 88 46	202	457	503	5	225 179 46	
9	105	675	406	5	124 86 38	265	689	566	5	284 245 39	
TOTAL	1610	843	CM			1368	870	CM		407	
DIFF IN ELEV	1368	870								406	
BM 1-12	241	973	CM							813	METERS
											BM 1-12 WHITTIER BLVD & OCEAN VIEW AVE SEE F.B. 1202-17 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-12 TO BM 1-11A
BM 1-12													BM 1-12
1	266	541	567	5	286 / 246	40	105	060	406	5	125 / 86	39	WHITTIER BLVD & OCEAN VIEW AVE
2	200	491	501	5	223 / 177	46	110	178	411	5	133 / 87	46	SEE F.B. 1202-17 FOR DESC
3	225	351	526	5	248 / 202	46	166	360	467	5	189 / 143	46	
4	133	988	434	5	156 / 110	46	173	001	474	5	196 / 150	46	
5	129	663	430	5	152 / 106	46	165	158	466	5	188 / 142	46	
6	098	221	399	5	121 / 75	46	215	260	516	5	238 / 192	46	⊼ G E COOK
7	094	770	395	5	117 / 71	46	227	320	528	5	250 / 204	46	
8	097	492	398	5	120 / 74	46	212	748	513	5	235 / 189	46	
9	090	273	391	5	113 / 67	46	203	671	504	5	226 / 180	46	
TOTAL	1336	790	CM			408	1578	756	CM			407 / 408 / 815	
DIFF IN ELEV							1336	790					
							241	966	CM				METERS
BM 1-11A													BM 1-11A WHITTIER BLVD & LA ENTRADA AVE SEE F.B. 2858-11 FOR DESC

WEATHER HOT & SUNNY INST. NO. N3 75234

TIME 25 TO 350 ROD NO. 95 & 96

NOTES CHKD [signature] DATE 9/2/61

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES ALG 7-17-61

INDEXED H. E. OTT DATE

F.B. 2858 PG. 72

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-12 TO BM 1-12A
BM 1-12													BM 1-12
1	120	811	421	5	147 / 92	55	216	702	517	5	243 / 188	55	WHITTIER BLVD & OCEAN VIEW AVE SEE FB 1202-17
2	034	994	335	5	61 / 06	55	195	532	496	5	223 / 168	55	
3	061	858	362	5	88 / 33	55	217	622	518	5	245 / 190	55	
4	062	812	363	5	90 / 35	55	289	400	590	5	289 / 262	52 / 54	
5	093	358	394	5	121 / 66	55	183	010	484	5	211 / 156	55	
6	123	893	424	5	150 / 95	55	138	261	439	5	166 / 111	55	
7	149	648	450	5	174 / 125	49	138	323	439	5	162 / 114	48	
Total	647	374				379	1378	850				377	
Diff in							647	374				379	
Elev							731	476				756	Meters
BM1-12A													BM1-12A
													WHITTIER BLVD & MICHIGAN AVE SEE FB 2858-12

A. Goble

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

SURVEY BY A.C. Guizado DATE 7-24-61 WEATHER Over Cast TIME 9:00 - 9:45 INST. NO. 75234 ROD NO. 95-96

NOTES BY G.E.C. DATE

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE 9/21/61

F.B. 2858 PG. 73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

F.B. 2858 PG. 74 — JOB NO. 0301.02 — DRAWING NO. 1 FWY NET

SURVEY OF — SURVEY BY ACC — NOTES GEC — INDEXED — H. E. OTT — DATE 7-24-61

WEATHER Hazy — TIME 10:45 - 11:15 — NOTES CHKD K.T. — INST. NO. 43 3234 — ROD NO. 2582 — DATE 9/14/61

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-12 A TO BM 1-12
BM 1-12A													BM 1-12 A
1	156	129	457	5	180 131	49	168	186	469	5	194 144	48	WHITTIER BLVD & MICHIGAN AVE
													SEE FB 2858-12
2	138	341	439	5	166 111	55	123	232	429	5	150 95	55	
3	187	663	488	5	215 160	55	097	944	398	5	125 70	55	T A. Goble
4	281	118	582	5	281 254	27	057	201	358	5	85 30	55	
5	216	582	517	5	243 188	55	080	851	381	5	107 52	55	
6	217	275	518	5	245 190	55	033	907	334	5	60 05	55	
7	216	707	517	5	243 188	55	121	090	422	5	148 93	55	
Total	1413	815				378	682	411				378	
Diff in Elev	682	411										378	
BM 1-12	731	404										756	Meters
													BM 1-12
													Whittier Blvd & Ocean View Ave
													SEE FB 1202-17

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY R.C. Guitado WEATHER

NOTES BY G.E.C. DATE 7-24-61 TIME 9.45-10.15 INST. NO. 75234

INDEXED H. E. OTT DATE NOTES CHKD DATE 9/21/6

F.B. 2858 PG. 75

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-12A TO 1-13 A
BM 1-12 A													BM 1-12 A
1	127	698	428	5	153 / 101	52	118	888	419	5	144 / 92	52	WHITTIER BLVD ∅ MICHIGAN AVE
													SEE FB 2858-12
2	157	832	458	5	184 / 130	54	111	288	412	5	138 / 84	54	
Total	285	530				106	230	176				106	
Diff in	230	176										106	
Elev	55	354										212	Meters
TBM													TBM (State Mon)*
													WHITTIER BLVD & BARTON Rd (~~EAST~~ SW COR)
1	163	990	464	5	190 / 135	55	118	025	419	5	145 / 90	55	65° NW & 38° SW of ℄'s
													⊼ A. Goble
2	211	313	512	5	238 / 183	55	111	973	412	5	138 / 83	55	* A 2¼" brass Div. of Highways disk
													in curb at west end of catch basin
3	194	842	495	5	221 / 166	55	125	238	426	5	152 / 97	55	
4	159	511	460	5	186 / 131	55	186	163	487	5	214 / 159	55	
5	140	868	441	5	153 / 127	26	152	648	453	5	165 / 138	27	
6	052	698	353	5	63 / 40	23	281	851	582	5	293 / 270	23	
Total	923	222				269	975	898				270	
Diff in							923	222				269	
Elev							52	676				539	Meters
BM 1-13 A													BM 1-13 A
													WHITTIER BLVD & PAINTER AVE
													1st ALLEY SO. SEE FB 2408-23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-13 A TO BM 1-12 A
BM 1-13A													BM 1-13 A
1	278	089	579	5	296 / 267	23	049	012	350	5	61 / 38	23	WHITTIER BLVD & PAINTER AVE
													1st ALLEY SO. SEE FB 2408-23
2	150	595	451	5	163 / 136	27	138	641	439	5	151 / 125	26	
3	184	292	485	5	211 / 156	55	156	765	457	5	183 / 128	55	
4	125	358	426	5	152 / 97	55	195	907	496	5	223 / 168	55	⊼ - A. Gable
5	114	199	415	5	141 / 86	55	217	500	518	5	245 / 190	55	
6	129	300	430	5	156 / 101	55	171	207	472	5	179 / 144	55	
Total	981	833				270	929	032				269	
Diff in	929	032										270	
Elev	52	801										539	Meters
TBM													TBM (State Mon)
													WHITTER BLVD & BARTON Rd (East co.
1	115	117	416	5	142 / 88	54	162	982	463	5	189 / 135	54	38° SW & 65° NW of ℄'s
2	137	530	438	5	163 / 111	52	145	230	446	5	171 / 119	52	
Total	252	647				104	308	212				106	
Diff in							252	647				106	
Elev							55	565				212	Meters
BM 1-12 A													BM 1-12 A
													WHITTIER BLVD & MICHIGAN AVE
													FB 2858-12

F.B. 2858 PG. 76 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED H. E. OTT DATE 7-24-61

WEATHER Hazy INST. NO. 75234

TIME 1015-1045 ROD NO. 9544

NOTES CHKD [illegible] DATE 9/21/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 — F.B. 2858 Pg. 77

SURVEY BY A.C. GUIZADO — WEATHER SUNNY & HOT — INST. NO. 3523

NOTES BY A.L.G. — DATE 7-24-61 — TIME 3:53 TO 4:05 — ROD NO. 9529

INDEXED — H. E. OH — DATE — NOTES CHKD [illegible] — DATE 9/21/61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM BM 1-12A TO TBM & return
BM 1-12A											BM 1-12A
1	152	790	453	5	178 126 52	165	660	466	5	191 138 53	WHITTIER BLVD &
											MICHIGAN AVE
2	191	880	492	5	219 167 55	123	387	424	5	149 96 53	F.B. 2858-12
TOTAL	344	670	CM		107	289	047			106	
DIFF IN ELEV	285	047								107	
	55	623	CM							213	METERS
T.B.M.											T.BM. (STATE BM
1	122	879	423	5	149 96 53	191	361	492	5	218 164 54	WHITTIER BLVD & S OF
											BARTON RD W OF
2	167	509	468	5	193 140 53	154	666	455	5	180 128 52	
TOTAL	290	388	CM		106	346	027	CM		106	
DIFF IN ELEV						290	388			106	
						55	639	CM		212	
BM 1-12A											BM 1-12A
											SEE ABOVE

F.B. 2858 Pg. 78

JOB NO. 0301:02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS	
	Right	Mic.	Left	Stadia	Right	Mic.	Left	Stadia	From	To

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY A. C. GUIZADO WEATHER SUNNY & DRY INST. NO. 13-752
NOTES BY A L G DATE 7-24-61 TIME 1:10 P.M. 2:30 ROD NO. 3525
INDEXED H. E. OTT DATE NOTES CHKD DATE 8/2/61
F.B. 2208 Pg. 77

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 1-13A TO BM 1-14AB
BM 1-13A											BM 1-13A
1	276	279	577	5	288 264 24	101	171	402	5	111 91 20	WHITTIER BLVD & PAINTER AVE
2	162	100	463	5	172 152 20	174	505	175	5	186 162 24	SEE F.B. 2208-23 FOR DESC
3	127	781	428	5	150 104 46	188	888	489	5	211 165 46	
4	107	731	408	5	130 84 46	236	671	537	5	259 213 46	
5	146	017	447	5	169 123 46	213	190	514	5	236 190 46	↑ D LA GAULT.
6	112	441	413	5	135 89 46	191	662	492	5	214 168 46	
7	079	637	380	5	99 59 40	167	786	468	5	187 147 40	
8	116	135	417	5	139 93 46	195	863	436	5	218 172 46	
9	130	665	431	5	153 107 46	207	720	508	5	230 184 46	
10	140	940	441	5	163 117 46	205	202	506	5	228 182 46	
11	098	155	399	5	121 75 46	298	155	599	5	298 275 46	
12	109	232	410	5	129 89 40	142	785	443	5	162 122 40	
13	201	175	502	5	221 181 40	091	985	392	5	111 71 40	
UB TOTAL	1808	288	C/M		532	2415	585	C/M		532	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-13 A TO BM 1-14 A B
SUB TOTAL	1808	288	CM			532	2415	585	CM			532	
14	171	464	472	5	183 159	24	160	630	461	5	172 148	24	
TOTAL	1979	752	CM			556	2576	215	CM			556	
DIFF IN							1979	752				556	
ELEV							596	463	CM			1112	METERS
BM 1-14A													BM 1-14 A
1	178	078	479	5	186 170	16	176	795	477	5	184 168	16	WHITTIER BLVD &
DIFF IN	176	795										16	PICKERING AVE
ELEV	1	283	CM									32	SEE F.B 2858-13
BM 1-14AB													FOR DESC 2408-22
													BM 1-14 A B
													F.B 2858-13

F.B. 2858 PG. 80

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NE

SURVEY BY ACG NOTES ALG 7-24-61

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. 75234 N3

TIME ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/[illegible]

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM 1-14AB TO BM 1-13 A
BM 1-14AB													BM 1-14 A B
1	174	145	475	5	182 / 166	16	175	413	476	5	183 / 167	16	WHITTIER BLVD &
DIFF IN							174	145				16/32	PICKERING AVE
ELEV							1	268	CM				SEE F.B. 2858-13 FOR DESC
BM 1-14A													
1	161	765	462	5	173 / 149	24	172	543	473	5	184 / 160	24	BM 1-14 A (STATE B.M)
2	092	383	393	5	112 / 72	40	201	738	502	5	221 / 181	40	WHITTIER BLVD & PICKERING AVE
3	147	919	448	5	167 / 127	40	114	625	415	5	134 / 94	40	SEE F.B. 2858-13 FOR DESC 2408-22
4	292	415	593	5	42 / 292 / 269	46	072	495	373	5	95 / 49	46	
5	184	485	485	5	207 / 161	46	138	585	439	5	161 / 115	46	
6	202	350	503	5	225 / 179	46	122	941	423	5	145 / 99	46	⊼ D. LEGAULT
7	185	295	486	5	208 / 162	46	103	298	404	5	126 / 80	46	
8	160	001	461	5	180 / 140	40	075	313	376	5	95 / 55	40	
9	191	170	492	5	214 / 168	46	114	555	415	5	137 / 91	46	
10	210	982	511	5	233 / 187	46	140	777	441	5	163 / 117	46	
11	230	099	531	5	253 / 207	46	102	578	403	5	125 / 79	46	
UB TOTAL	2058	864	CM			466	1359	448	CM			466	

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

SURVEY BY A. C. GUIZADO

NOTES BY ALG DATE 7-24-61

INDEXED [illegible] DATE

WEATHER SUNNY CHOT

TIME 2:30 TO 3:45

NOTES CHKD [illegible] DATE 9/21/61

INST. NO. A3 75 23

ROD NO. 95 & 90

F.B. 2858 PG. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-14AB TO BM 1-13A
SUB TOTAL	2058	864				466	1359	448	CM			466	
12	179	888	480	5	202 156	46	115	105	416	5	138 92	46	
13	161	235	462	5	172 150	22	153	752	454	5	164 142	22	
14	090	375	391	5	101 79	22	265	460	566	5	277 253	24	
TOTAL	2490	362	CM			556	1893	765	CM			558	
DIFF IN	1893	765										556	
ELEV	596	597	CM									1114	METERS
BM 1-13A													BM 1-13A
													WHITTIER BLVD &
													PAINTER AVE
													SEE F.B 2408-23
													FOR DESC

F.B. 2858 PG. 82

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-24-61

INDEXED H. E. OTT DATE

WEATHER SUNNY C INST. NO. N3 75234

TIME ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE 9/21/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY AEC, GHL, ZAD WEATHER Cloudy INST. NO. 2523
NOTES BY AEC DATE 7-25-61 TIME 8:30 to 2:20 ROD NO. 2539
INDEXED M.L.ON DATE NOTES CHKD DATE 8/24/61
F.B. 2858 Pg. 83

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
							FROM BM 1-14AB TO BM 1-14C						
BM 1-14AB													BM 1-14AB
1	203	068	504	5	226 180	46	093	931	394	5	116 70	46	Whittier Blvd & Washington Blvd
													SEE FB 2858-13
2	223	612	524	5	246 200	46	100	898	401	5	123 77	46	
3	242	840	543	5	265 219	46	094	551	395	5	117 71	46	↑ I-T RANGEL
4	207	705	508	5	230 184	46	115	484	416	5	138 92	46	
	223	752	524	5	246 200	46	113	466	414	5	136 90	46	
6	226	911	527	5	249 203	46	115	130	416	5	138 92	46	
7	180	259	481	5	203 157	46	159	816	460	5	182 136	46	
8	134	839	435	5	157 111	46	182	961	483	5	205 159	46	
9	145	211	446	5	162 123	46	197	012	498	5	218 175	43	
TOTAL	1788	197 ✓				414	1173	249 ✓				411 ✓	
	1173	249 ✓										823	METERS
DIFF/ELEV BM 1-14C	614	948 ✓											

BM 1-14C
Whittier Blvd & Penn St.
SEE FB 2858-14

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-14C TO BM 1-14AB
BM 1-14C													BM 1-14C
1	194	121	495	5	216 / 172	44	138	839	439	5	160 / 116	44	Whittier Blvd & Penn St
													SEE FB 2858-14
2	174	688	475	5	197 / 151	46	135	379	436	5	158 / 112	46	
3	166	750	467	5	189 / 143	46	183	308	484	5	206 / 160	46	
4	123	761	424	5	146 / 100	46	233	079	534	5	256 / 210	46	
													↑ I.T. RANGEL
5	117	933	418	5	140 / 94	46	212	495	513	5	235 / 189	46	
6	101	079	402	5	124 / 78	46	209	049	510	5	232 / 186	46	
7	098	043	399	5	121 / 75	46	230	550	531	5	253 / 207	46	
8	092	775	393	5	115 / 69	46	231	131	532	5	254 / 208	46	
9	096	658	397	5	119 / 73	46	206	916	507	5	229 / 183	46	
TOTAL	1165	808				412	1780	746				412	
							1165	808				412	METERS
							614	938				824	
DEE/ELEV													
BM 1-14AB													BM 1-14AB
													Whittier & Washington Blvds
													SEE FB 2858-13

F.B. 2858 Pg. 84 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H.E. OIV DATE

WEATHER Hazy INST. NO. N375232

TIME 10:50 to 1135 ROD NO. 95896

NOTES CHKD. [illegible] DATE 9/21/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. Guizado WEATHER Sunny INST. NO. 143 75234

NOTES BY ACG DATE 7-25-61 TIME 9:20 ROD NO. 95890

INDEXED H.E. ON DATE NOTES CHKD [illegible] DATE 9/21/61

F.B. 2858 PG. 85

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM1-14C TO BM1-15
BM1-14C													BM1-14C
1	160	830	461	5	182 / 138	44	184	168	485	5	207 / 161	46	Whittier Blvd & Penn St
													SEE FB 2858-14
2	142	068	443	5	165 / 119	46	175	953	476	5	198 / 152	46	
3	158	926	459	5	181 / 134	47	152	571	453	5	174 / 130	44	
4	174	404	475	5	197 / 151	46	145	538	446	5	168 / 122	46	
	218	942	519	5	241 / 195	46	105	850	406	5	128 / 82	46	
6	166	304	467	5	189 / 142	47	188	992	489	5	211 / 165	46	
7	133	852	434	5	156 / 110	46	172	214	473	5	195 / 149	46	
8	143	418	444	5	155 / 130	26	214	725	515	5	226 / 202	24	
TOTAL	1298	744				347	1340	011				344	
							1298	744				347	
							41	267				691	METERS
DIFF/ELEV BM1-15													BM1-15 (Whittier, G-3 1948
													Whittier Blvd & Magnolia St
													SEE FB 1202-20

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-15 - TO BM 1-14C
BM 1-15													BM 1-15 (Whittier G-3 194
1	215	862	516	5	227 203	24	144	528	445	5	156 132	24	Whittier Blvd & MAGNOLIA Ov
													SEE FB 1202-20
2	171	644	472	5	194 148	46	133	376	434	5	156 110	46	
3	189	728	490	5	212 166	46	167	196	468	5	190 144	46	
													↑ I.T. RANGEL
4	101	056	402	5	124 78	46	214	041	515	5	237 191	46	
5	140	935	441	5	163 117	46	170	392	471	5	193 147	46	
6	146	709	447	5	169 123	46	152	254	453	5	175 129	46	
7	177	610	478	5	200 154	46	143	990	444	5	166 120	46	
8	181	530	482	5	204 158	46	158	122	459	5	180 136	44	
TOTAL	1325	074				346	1283	899				344	
	1283	899										346	
												690	METERS
DIFF/ELEV	41	175											BM 1-14C
BM 1-14C													Whittier Blvd & Penn St
													SEE FB 2858-14

F.B. 2858 Pg. 86

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER Summit INST. NO. N3 75234

TIME 10:05 ROD NO. 95896

NOTES CHKD: [illegible] DATE 9/21/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. GUIZADO WEATHER SUNNY & HOT INST. NO. N3 7523

NOTES BY ALG DATE 7-25-61 TIME 1:15 TO 2:00 ROD NO. 95630

INDEXED M. E. OTT DATE NOTES CHKD [illegible] DATE 9/21/61

F.B. 2858 PG. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM. 1-15 TO BM 1-15A
BM 1-15													BM 1-15 (WHITTIER G-3)
1	154	119	455	5	174 / 134	40	190	105	491	5	210 / 170	40	WHITTIER BLVD &
2	092	655	393	5	115 / 69	46	246	263	547	5	269 / 223	46	MAGNOLIA AVE SEE F.B 1202-20
3	112	760	413	5	135 / 89	46	230	928	531	5	253 / 207	46	FOR DESC
4	075	033	376	5	98 / 52	46	232	191	533	5	255 / 209	46	
5	106	444	407	5	129 / 83	46	205	463	506	5	228 / 182	46	
6	096	169	397	5	119 / 73	46	210	910	511	5	233 / 187	46	D. LA GAULT
7	098	205	399	5	121 / 75	46	205	710	506	5	228 / 182	46	
8	086	278	387	5	112 / 60	52	204	712	505	5	230 / 178	52	
9	106	682	407	5	124 / 88	36	128	452	429	5	146 / 110	36	
TOTAL	928	345	CM			404	1854	734	CM			404	
DIFF IN							928	345				404	
ELEV							926	389	CM			808	METERS
BM 1-15A													BM 1-15A WHITTIER BLVD & BROADWAY SEE F.B 2858-15 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-15A TO BM 1-15
BM 1-15A													BM 1-15A
1	130	572	431	5	146 113	33	108	674	409	5	125 91	34	WHITTIER BLVD &
													BROADWAY
2	204	595	505	5	231 178	53	082	041	383	5	108 56	52	SEE F.B 2858-16
													FOR DESC
3	199	880	500	5	222 176	46	095	861	396	5	118 72	46	
4	212	128	513	5	235 189	46	094	918	395	5	117 71	46	
5	200	473	501	5	223 177	46	105	725	406	5	128 82	46	
													⊼ A. C. GUIZADO
6	232	159	533	5	255 209	46	076	382	377	5	99 53	46	
7	229	203	530	5	252 206	46	107	600	408	5	130 84	46	
8	240	498	541	5	263 217	46	089	613	390	5	112 66	46	
9	192	687	493	5	212 172	40	155	274	456	5	175 135	40	
TOTAL	1842	195	CM			402	916	088	CM			402	
DIFF IN	916	088										402	
ELEV	926	107	CM									804	METERS
BM 1-15													BM 1-15 (WHITTIER G-3
													WHITTIER BLVD &
													MAGNOLIA AVE
													SEE F.B. 1202-20
													FOR DESC

F.B. 2858 PG. 88

SURVEY OF A.C.O. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-25-61

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. N3 7523

TIME 3.30 TO 4:00 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/21/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A. C. GUIZADO

NOTES BY ALG DATE 7-25-61 WEATHER SUNNY & HOT INST. NO. N37523

INDEXED H. E. OTT DATE TIME 2:00 TO 2:20 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/21/8[illegible]

F.B. 2858 PG. 89

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-15A TO BM 1-16
BM 1-15A													BM 1-15A
1	079	821	380	5	96 / 62	34	190	883	491	5	207 / 173	34	WHITTIER BLVD &
2	104	161	405	5	127 / 81	46	198	733	499	5	221 / 175	46	BROADWAY SEE F.B. 2858-16
3	102	244	403	5	125 / 79	46	200	074	501	5	223 / 177	46	FOR DESC
4	107	970	408	5	130 / 84	46	188	763	489	5	211 / 165	46	
5	106	688	407	5	129 / 83	46	189	205	490	5	212 / 166	46	
6	112	041	413	5	135 / 89	46	196	842	491	5	219 / 173	46	A D LA GAULT
7	105	743	406	5	128 / 82	46	198	070	499	5	221 / 175	46	
8	116	527	417	5	139 / 93	46	166	405	467	5	189 / 143	46	
9	132	538	433	5	147 / 117	30	150	263	451	5	165 / 135	30	
10	142	374	443	5	158 / 126	32	213	459	514	5	229 / 198	31	
TOTAL	1110	107	CM			418	1892	697	CM			417	
DIFF IN							1110	107				418	
ELEV							782	590	CM			835	METERS
BM 1-16													BM 1-16 WHITTIER BLVD & NORWALK BLVD SEE F.B 1202-21 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-16 TO BM 1-15A
BM 1-16													BM 1-16
1	210	192	511	5	226 / 195	31	139	179	440	5	155 / 123	32	WHITTIER BLVD &
													NORWALK BLVD
2	153	265	454	5	168 / 138	30	135	566	436	5	150 / 120	30	SEE F.B. 1202-21
													FOR DESC
3	171	633	472	5	194 / 148	46	121	930	422	5	144 / 98	46	
4	198	633	499	5	221 / 175	46	108	866	409	5	131 / 85	46	
5	204	808	505	5	227 / 181	46	119	756	420	5	142 / 96	46	
6	162	768	463	5	185 / 139	46	078	020	379	5	101 / 55	46	
													⊼ D LA GAULT
7	166	780	467	5	189 / 143	46	084	312	385	5	107 / 61	46	
8	205	842	506	5	228 / 182	46	109	272	410	5	132 / 86	46	
9	202	512	503	5	225 / 179	46	107	815	408	5	130 / 84	46	
10	196	835	497	5	213 / 179	34	085	911	386	5	102 / 68	34	
TOTAL	1873	268	CM			417	1090	627	CM			418	
DIFF IN	1090	627										417	
ELEV	782	641	CM									835	METERS
BM 1-15A													BM 1-15A
													WHITTIER BLVD &
													BROADWAY
													SEE F.B. 2858-16
													FOR DESC

F.B. 2858 PG. 90 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-25-61

INDEXED H. E. OTT DATE

WEATHER SUNNY & HOT INST. NO. N3 75234

TIME 245 TO 3:30 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY E.C. Hultz & Co
NOTES BY E.C. Hultz & Co
DATE 7-26-61 WEATHER Clear
TIME 9:15 - 10:20 INST. NO. 75238
ROD NO. 95-21
INDEXED DATE NOTES CHKD DATE
F.B. 28358 Pg 1

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM 1-16A													From BM 1-16A To BM 1-17
													BM 1-16A (LACE Corp of Engr 1959) SC-47
1	228	129	529	S	244 212	32	137	005	438	S	153 120	33	W Whittier Blvd & Bridge over the San Gabriel River FB 28358-16
2	133	133	434	S	149 116	33	221	210	522	S	237 205	32	
						65						65	BM 1-16B (LACE Corp of Engr 1959) SC-48
												65	
												130	W Whittier Blvd & Bridge over the San Gabriel River FB 28358-16
Total	361	262					358	215					
Diff in Elev	358	215											
	3	047											
BM 1-16B													
1	046	311	347	S	66 26	40	207	509	508	S	227 187	40	
2	130	382	431	S	153 107	46	126	989	427	S	149 103	46	
3	186	328	487	S	207 165	42	175	138	476	S	196 154	42	
4	199	285	500	S	223 179	44	145	884	446	S	167 122	45	
5	157	581	458	S	177 137	40	136	441	437	S	156 115	41	
6	157	529	458	S	180 138	42	126	822	437	S	160 112	48	
7	161	115	462	S	184 138	46	162	115	463	S	185 139	46	
8	151	694	452	S	162 140	22	167	642	468	S	178 155	23	BM 1-17
9	139	655	440	S	160 118	42	179	392	480	S	199 159	40	Duffer Ave & Pshalley No of Whittier Blvd = FB 13202-22
						373						373	
BM 1-17													373 Meters

	BS	FS
Total -	1329880	- 1437932
Diff in Elv.		+ 13.29880
	=	- 1.08052

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-17 TO BM 1-16A
BM 1-17													BM 1-17
1	186	782	487	5	207 165	42	142	025	443	5	162 122	40	DURFEE AVE & 1st ALLEY NO. OF Whittier Blvd FB1202-22
2	163	358	464	5	174 152	22	152	481	453	5	164 140	24	
3	165	744	466	5	188 142	46	164	604	465	5	187 141	46	
4	136	857	437	5	160 112	48	160	175	461	5	183 136	47	
5	137	142	438	5	158 116	42	155	690	456	5	176 134	42	
6	147	680	448	5	170 124	46	200	528	601	5	224 176	48	
7	171	367	472	5	192 149	43	188	211	489	5	208 168	40	
8	138	236	439	5	161 115	46	138	001	439	5	161 115	46	
9	206	259	507	5	226 186	40	943	673	344	5	63 23	40	
Total	1453	425				375	1345	388				373	
Diff in	1345	388										375	
Elev	108	037										748	METERS
BM 1-16B													BM 1-16B (US CORP OF ENGR SG-48 1959
1	220	393	521	5	236 204	32	131	966	432	5	148 114	32	WHITTIER BLVD & BRIDGE OVER THE SAN GABRIEL RIVER FB2858-16
2	135	975	436	5	151 118	33	227	441	528	5	243 211	32	BM 1-16A (US CORP. OF ENGR SG 48 1959
Total	356	368				65	359	407				64	WHITTIER BLVD & BRIDGE OVER THE
Diff in							356	368				65	SAN GABRIEL RIVER FB2858-16
Elev							3	039				129	
BM 1-16B													

F.B. 2858 PG. 92

SURVEY OF CA CO PRECISE LEVEL NO

SURVEY BY ACG NOTES GEC

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER Clear + Warm INST. NO.

TIME 12:50-1:55 ROD NO.

NOTES CHKD [illegible] DATE 7/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY: E. C. Swanson
NOTES BY: E. C.
INDEXED
H. E. OTT DATE 7-26-61 TIME 8:15 WEATHER Clear
DATE NOTES CHKD DATE
INST. NO. 12534
ROD NO. 57-24
F.B. 2858 Pg. 93

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT				RIGHT	MIC.	LEFT				FROM BM 1-16 TO BM 1-16-A
BM 1-16													BM 1-16 (Whittier E-21)
1	193	362	494	5	216 / 172	46	187	782	488	5	210 / 164	46	Ins. Norwalk & Whittier
2	180	491	481	5	203 / 157	46	191	322	492	5	214 / 169	46	BLVD's FB 1202-21
3	171	689	472	5	194 / 148	46	183	400	484	5	206 / 160	46	
4	173	520	474	5	196 / 150	46	166	725	467	5	189 / 143	46	
5	171	072	472	5	192 / 148	46	158	791	459	5	181 / 135	46	T Rangel
6	166	663	467	5	189 / 143	46	147	058	448	5	170 / 124	46	
7	166	597	467	5	189 / 143	46	129	313	430	5	157 / 106	46	
8	157	442	458	5	180 / 134	46	160	574	461	5	183 / 137	46	
9	135	589	436	5	157 / 113	44	179	943	480	5	200 / 158	42	
10	158	225	459	5	174 / 142	32	143	239	444	5	161 / 125	36	
11	209	358	510	5	222 / 196	26	075	299	376	5	87 / 63	24	
					470						470		
Total	1884	008					1723	396			640		METERS
Diff in Elev	160	612											BM 1-16A (US Corp of Engr SG 47) 1959
													Whittier Blvd & Bridge over San Gabriel River FB 2858-16
BM 1-16A													

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-16 A TO BM 1-16
BM 1-16 A													3G-47 1959
1	068	801	369	5	x2 80 68	24	193	468	494	5	200 180	26	BM 1-16 A (US CORP OF ENGR) Whittier Blvd & Bridge over The San Gabriel River FB 2858-16
2	132	721	433	5	149 115	34	157	070	458	5	174 140	34	
3	186	539	487	5	208 164	44	150	968	451	5	171 129	42	
4	155	078	456	5	178 132	46	142	965	443	5	165 119	46	T Rangel
5	129	099	430	5	152 106	46	166	783	467	8	189 143	46	
6	154	480	455	5	177 131	46	173	764	474	5	196 150	46	
7	158	155	459	5	181 135	46	168	881	469	5	191 145	46	
8	163	921	464	5	186 140	46	171	631	472	5	194 148	46	
9	184	901	485	5	207 161	46	173	747	474	5	196 150	46	
10	186	961	487	5	208 163	45	174	879	475	5	197 151	46	
11	180	505	481	5	203 157	46	187	752	488	5	209 164	45	
						469						469	
Total	1701	161					1861	908				469	METERS
Ditt in							1701	161				938	
Elev							160	747					BM 1-16 (WHITTIER E-2) WHITTIER & NORWALK Blvds SEE FB 1202-21
BM 1-16													

F.B. 2858 PG. 94 JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED B.E. OIL DATE

WEATHER INST. NO. 75234

TIME 1:55 ROD NO. 95896

NOTES CHKD. [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-17 TO BM 1-18
BM 1-17													BM 1-17
1	181	490	482	5	195 / 167	28	150	618	451	5	164 / 136	28	DURFEE AVE & 1st ALLEY NO OF WHITTIER BLVD SEE FB1202-22
2	158	612	459	5	172 / 144	28	144	685	445	5	159 / 129	30	
3	168	821	469	5	191 / 145	46	140	900	441	5	163 / 117	46	
4	164	683	465	5	187 / 140	47	156	778	457	5	178 / 133	45	
5	272	784	573	5	295 / 249	46	238	405	539	5	261 / 215	46	⊼ Range L
6	163	895	464	5	186 / 140	46	167	033	468	5	190 / 144	46	
7	183	511	484	5	206 / 160	46	139	689	440	5	162 / 116	46	
8	160	961	461	5	183 / 137	46	207	840	508	5	230 / 184	46	
total	1454	757				333	1345	948				333	
Diff in	1345	948										333	
Elev	108	809										666	Meters
BM 1-18													BM 1-18 (ELMONTE C-12 DURFEE AVE & BEVERLY Rd SEE FB1202-23

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

SURVEY BY A.C. Guizado WEATHER Clear Warm Hs INST. NO. 75234

NOTES BY GEC DATE 7-26-61 TIME 10:20 - 11:10 ROD NO. 95-96

INDEXED H. E. OTT DATE NOTES CHKD HZ DATE 9/22/61

F.B. 2858 PG 95

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

WEATHER Clear INST. NO. N3 3234
TIME 11:10 - 11:45 ROD NO. 25682
NOTES CHKD. Sutton DATE 5/22/62

F.B. 2858 PG. 96
SURVEY OF L.A.CO. PRECISE LEVEL NET JOB NO. 0301.02
SURVEY BY RCS NOTES GEC
INDEXED M.E.ON DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-18 TO BM 1-17
BM 1-18													BM 1-18 (ELMONTE C-12)
1	209	786	510	5	232 / 186	46	162	690	463	5	185 / 139	46	DURFEE AVE & BEVERLY Rd.
2	141	303	442	5	164 / 118	46	180	133	481	5	203 / 157	46	SEE FB 1202-23
3	165	500	466	5	188 / 142	46	167	661	468	5	190 / 144	46	
4	236	631	537	5	259 / 213	46	270	503	571	5	293 / 247	46	
5	149	517	450	5	172 / 126	46	155	579	456	5	178 / 132	46	T Rangel
6	137	542	438	5	160 / 114	46	167	959	468	5	190 / 144	46	
7	144	861	445	5	159 / 129	30	159	679	460	5	173 / 145	28	
8	151	738	452	5	165 / 137	28	181	366	482	5	196 / 166	30	
Total	1336	878				334	1445	570				334	
Diff in Elev							1336	878				334	
							108	692				668	Meters
BM 1-17													BM 1-17
													DURFEE AVE & 1ST ALLEY NO OF WHITTIER BLVD SEE FB 1202-22

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. QUIZADO WEATHER [illegible] STORM INST. NO. 377523

NOTES BY A.L.G. DATE 7-26-61 TIME 10:30 AM ROD NO. 35 656

INDEXED H.E. OTT DATE NOTES CHKD DATE 9/22/61

F.B. 8588 Pg. 97

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-18 TO BM 1-19
BM 1-18													BM 1-18
1	218	793	519	5	240 197	43	145	271	446	5	169 122	47	DURFEE AVE & BEVERLY RD
2	149	591	450	5	172 126	46	141	676	442	5	164 118	46	SEE FB 1202-23 FOR DESC
3	178	600	479	5	201 155	46	153	471	454	5	176 130	46	
4	154	645	455	5	178 130	48	106	415	407	5	128 84	44	
5	148	810	449	5	157 139	18	170	561	471	5	179 161	18	
TOTAL	850	439 CM				201	717	394 CM				201	
DIFF IN ELEV	717	394 CM										201	T G.E COOK
	133	045										402	METERS
TBM 1	184	535	485	5	207 162	45	119	820	420	5	142 96	46	T.B.M (1-18A) DURFEE AVE & BEVERLY BLVD RD BM 19[illegible] Elev.
2	169	963	470	5	192 146	46	167	320	468	5	190 144	46	Mon. in well & protected by cast iron cover marked "COUNTY ROAD DEPARTMENT"
3	199	935	500	5	222 176	46	140	800	441	5	163 117	46	for description see
4	152	968	453	5	175 129	46	138	632	439	5	161 115	46	FB 3707-71 (W. Voge 11-2-65)
5	159	718	460	5	182 136	46	133	278	434	5	156 110	46	
6	158	492	459	5	181 135	46	137	676	438	5	160 114	46	
7	164	930	465	5	187 141	46	138	098	439	5	161 115	46	
UB TOTAL	1190	541 CM				321	975	624 CM				322	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-18 TO BM 1-19
SUB TOTAL	1190	541	CM			321	975	624	CM			322	
8	153	178	454	5	162 144	18	170	165	471	5	179 161	18	
TOTAL	1343	719	CM			339	1145	789	CM			340	
DIFF IN	1145	789										339	
ELEV	197	930	CM									679	METERS
BM 1-19													BM 1-19 DURFEE AVE & ISORA ST SEE F.B. 1202-24 FOR DESC

F.B. 2858 PG. 98

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE

WEATHER Hazy INST. NO. 75234

TIME 2:55 to 3:50 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/22/6

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 1-19 TO BM 1-18
BM 1-19									BM 1-19
1	172	296	473 5	181 162 19	155	068	456 5	165 146 19	DURFEE AVE &
2	140	060	441 5	163 118 45	167	180	468 5	190 144 46	ISORA ST SEE F.B. 1202-24
3	125	561	426 5	147 102 45	146	081	447 5	169 123 46	FOR DESC
4	129	758	430 5	152 106 46	156	324	457 5	178 133 45	
5	139	076	440 5	162 116 46	150	533	451 5	173 127 46	
6	137	175	438 5	160 114 46	153	526	454 5	176 130 46	⊼ G. E COOK
7	116	934	417 5	139 93 46	165	240	466 5	188 142 46	
8	127	565	428 5	150 104 46	192	658	493 5	215 169 46	
				339				340 339	
TOTAL	1088	425	CM		1286	610	CM	679	METERS
DIFF IN					1088	425			
ELEV					198	185			
TBM									T.B.M
									DURFEE AVE & BEVERLY BLVD
									RD BM 1954 Eint.

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

SURVEY BY A C GUIZADO

NOTES BY ALG DATE 7-27-61

INDEXED H. E. OTT DATE

WEATHER SUNNY

TIME 905 TO 950

NOTES CHKD [illegible] DATE 9/22/61

INST. NO. A13 75 23

ROD NO. 95 & 90

F.B. 2888 PG 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-19 TO BM 1-18
TBM													TBM
1	172	732	473	5	181 163	18	154	155	455	5	163 145	18	DURFEE AVE & BEVERLY BLVD
2	118	879	419	5	141 96	45	163	306	464	5	186 140	46	RD BM 1954 Emt
3	138	780	439	5	161 115	46	164	738	465	5	187 141	46	
4	140	945	441	5	162 117	45	149	123	450	5	171 126	45	
5	150	035	451	5	173 127	46	223	040	424	5	246 200	46	
TOTAL	121	371	CM			200	854	362	CM			201	
DIFF IN							721	371				200	
ELEV							132	991	CM			401	METERS
BM 1-18													BM 1-18 (EL MONTE C-12
													DURFEE AVE &
													BEVERLY RD
													SEE F.B. 1202-23
													FOR DESC

F.B. 2858 PG. 100 JOB NO. 030102

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-27-61

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. N3 75234

TIME ROD NO. 95 & 910

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A C GUIZADO

NOTES BY A L G DATE 7-27-61

INDEXED H. E. OTT DATE

WEATHER SUNNY

TIME 10.00 TO 1030

NOTES CHKD [illegible] DATE 9/22/61

INST. NO. N3 75234

ROD NO. 95 & 96

F.B. 2858 PG. 101

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-19 TO BM 1-20 & WN#3
BM 1-19													BM 1-19
1	230	773	531	5	254 208	46	091	328	392	5	114 68	46	DURFEE AVE &
2	095	290	396	5	118 73	45	151	586	452	5	173 128	45	ISORA ST SEE F.B 1202-24
3	150	448	451	5	172 128	44	155	760	456	5	177 133	44	FOR DESC
4	156	554	457	5	179 134	45	121	645	422	5	144 98	46	
5	153	869	454	5	176 131	45	143	775	444	5	166 120	46	
6	144	320	445	5	166 121	45	167	960	468	5	190 145	45	T G E COOK
7	123	030	424	5	144 102	42	219	426	520	5	239 199	40	
TOTAL	1054	290	CM			312	1051	480	CM			312	
DIFF IN	1051	480										312	
ELEV	2	810	CM									624	METERS
BM 1-20													BM 1-20 (EL MONTE D-10)
1	206	189	507	5	219 193	26	134	920	435	5	147 121	26	DURFEE AVE & KRUSE RD
DIFF IN	134	920										26	SEE F.B. 1202-25
ELEV	71	269	CM									52	FOR DESC
BM (WN 3)													BM WN #3 (CORP OF ENGR 1949) DURFEE AVE & KRUSE Rd FB 1202-25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-20 TO BM 1-19
BM WN-3													BM WN #3 1949 (CORP OF ENG
1	133	682	434	5	146 / 120	26	204	921	505	5	217 / 191	26	DURFEE AVE &
DIFF IN							133	682				26	KRUSE ROAD
ELEV							71	239	CM			52	SEE F.B. 1202-25
BM 1-20													FOR DESC
1	225	798	526	5	245 / 204	41	129	291	430	5	150 / 109	41	
2	166	200	467	5	189 / 143	46	155	570	456	5	178 / 132	46	BM 1-20 (EL MONTE D-10 F.B. 1202-25
3	153	310	454	5	176 / 130	46	150	034	451	5	173 / 127	46	
4	118	795	419	5	140 / 95	45	154	085	455	5	177 / 132	45	
5	153	400	454	5	175 / 131	44	146	050	447	5	169 / 124	45	T G E COOK
6	132	358	434	5	154 / 109	45	077	622	378	5	99 / 55	44	
7	090	289	391	5	1[illegible]3 / 67	46	230	100	531	5	253 / 208	45	
TOTAL	1040	150	CM			313	1042	752	CM			312	
DIFF IN							1040	150				313	
ELEV							2	602	CM			625	METERS
BM 1-19													BM 1-19 DURFEE AVE & ISORA ST SEE F.B 1202-24 FOR DESC

F.B. 2858 PG. 102

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-27-61

INDEXED H. E. OD DATE

JOB NO. 0302 01

WEATHER SUNNY INST. NO. N3 75234

TIME 8:35 TO 9:05 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A. C. GUIZADO WEATHER: HAZY INST. NO. 75234 F.B. 2858 PG. 103

NOTES BY ACG DATE 7-27-61 TIME 1:05 to 2:40 ROD NO. 95894

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE 9/22/6[illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM WN #3 TO BM 1-21
BM WN #3													BM WN #3 1949 (CORP OF ENGR)
1	174	267	475	5	194 / 154	40	147	589	448	5	167 / 127	40	DURFEE & KRUSE AVES
2	157	416	458	5	169 / 144	25	069	443	370	5	83 / 55	28	FB 1202-25 (Btm of Whittier Narrow Dam)
3	284	717	585	5	289 / 279	10	018	151	319	5	23 / 13	10	
4	269	044	570	5	274 / 264	10	026	118	327	5	31 / 21	10	⊼ A.L. GOBLE
	287	642	588	5	292 / 282	10	029	542	330	5	34 / 24	10	
6	285	062	586	5	291 / 280	11	047	307	348	5	53 / 42	11	
7	245	147	546	5	251 / 240	11	010	793	311	5	16 / 5	11	(Top of Whittier Narrows Dam)
8	146	592	447	5	169 / 123	46	141	913	442	5	164 / 118	46	
9	148	988	449	5	171 / 125	46	183	671	484	5	206 / 161	45	
10	094	172	395	5	117 / 71	46	252	107	553	5	275 / 229	46	
11	051	771	352	5	67 / 35	32	225	378	526	5	240 / 210	30	
12	043	841	344	5	63 / 24	39	233	421	534	5	252 / 213	41	
13	078	535	379	5	102 / 54	48	208	069	509	5	231 / 185	46	
14	102	852	403	5	111 / 92	19	286	658	587	5	296 / 276	20	Rock
Sub-Total	2370	046				293	1880	[illegible]				391	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BMWN #3 TO BM 1-21
Sub	2370	046				393	1880	160				394	
15	606	733	307	5	9 / 3	6	282	073	583	5	285 / 279	6	
16	042	441	343	5	52 / 32	20	181	327	482	5	191 / 171	20	
17	260	908	561	5	283 / 237	46	137	868	438	5	149 / 114	~~46~~ 5	
18	147	587	448	5	170 / 124	46	157	335	458	5	189 / 134	46	
19	154	048	455	5	177 / 131	46	125	552	426	5	148 / 102	46	
20	184	307	485	5	207 / 161	46	131	567	432	5	154 / 108	46	
21	171	303	472	5	184 / 159	25	207	708	508	5	219 / 194	25	
22	214	038	515	5	237 / 191	46	123	881	424	5	146 / 100	46	
23	179	132	480	5	202 / 156	46	145	808	446	5	168 / 122	46	
24	160	641	461	5	183 / 140	43	132	343	433	5	152 / 111	41	
25	169	745	470	5	182 / 155	27	184	858	485	5	199 / 170	29	
TOTAL	4060	929				790	3690	480				79x 790	
	3690	480										1580	METERS
DIFF/ELEV	370	449											
BM 1-21													BM 1-21 (EL MONTE E-9 1949) DURFEE AVE & Siphon Rd SEE FB1202-26

WEATHER HAZY INST. NO. N3 75234

TIME 1:05 to 240 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/22/61

JOB NO. 0301.02

SURVEY OF F.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

F.B. 2858 PG. 104

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A. C. Guizado WEATHER Hazy INST. NO. 143 75234

NOTES BY ACG DATE 7-27-61 TIME 2:40 to 4:00 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD. [illegible] DATE 9/22/61

F.B. 2858 PG. 105

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-21 TO BM WN #3
BM 1-21													BM 1-21 (EL MONTE E-9 1949)
1	181	537	482	5	195 / 167	28	166	919	467	5	180 / 152	28	DURFEE AVE & Syphon Rd
2	133	680	434	5	155 / 112	43	161	572	462	5	182 / 141	41	SEE FB 1202-26
3	142	826	443	5	165 / 119	46	173	052	474	5	196 / 150	46	
4	123	141	424	5	146 / 100	46	215	919	516	5	238 / 192	46	⊼ A.L. GOBLE
	213	513	514	5	226 / 200	26	178	409	479	5	191 / 165	26	
6	133	897	434	5	156 / 110	46	185	587	486	5	208 / 162	46	
7	127	098	428	5	150 / 104	46	155	757	456	5	178 / 132	46	
8	154	395	455	5	177 / 131	46	150	565	451	5	173 / 127	46	
9	143	121	444	5	166 / 120	46	260	568	561	5	283 / 237	46	
10	185	687	486	5	195 / 175	20	046	858	347	5	56 / 36	20	
11	292	503	593	5	295 / 289	6	016	943	317	5	19 / 13	6	Rock
12	290	779	591	5	300 / 280	20	107	027	408	5	116 / 97	19	
13	210	062	511	5	233 / 186	47	080	808	381	5	103 / 56	47	
	230	753	531	5	250 / 210	40	040	488	341	5	60 / 21	39	
SUB TOTAL	2517	992				501	1940	472				502	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
						506						502	FROM BM 1-21 TO BM WN #3
15	228	398	529	5	243 212	31	055	878	356	5	71 40	31	
16	253	616	554	5	276 230	46	095	039	396	5	117 72	45	
17	178	428	479	5	200 155	45	143	737	444	5	166 120	46	
18	143	260	444	5	166 120	46	147	819	448	5	170 124	46	
19	049	381	350	5	55 44	11	283	831	584	5	289 278	11	
20	041	411	342	5	46 35	11	279	197	580	5	285 274	11	
21	013	387	314	5	18 8	10	271	489	572	5	276 266	10	
22	012	669	313	5	17 7	10	255	637	556	5	260 250	10	
23	006	912	307	5	11 1	10	273	538	574	5	278 268	10	
24	061	977	362	5	74 47	27	150	323	451	5	163 137	26	
25	151	290	452	5	171 131	40	177	622	478	5	197 157	40	
TOTAL	3703	721				793	4074	582				788	
							3703	721				793	
												1581	METERS
DIFF/ELEV							370	861					BM WN #3-1949 (CORP OF EWGR)
BM WN #3													DURFEE AVE & KRUSE Rd
													SEE FB 1202-25

F.B. 2858 PG. 106 JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER Windy " N3 7234

TIME 2:40 to 4:00 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY A L G C Gurzado WEATHER SUNNY INST. NO. 37523
NOTES BY H. E. ott DATE 7-28-61 TIME 0810 TO 1055 ROD NO. 9529
INDEXED DATE NOTES CHKD DATE 8/2/61
F.B. 2858 Pg 107

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM BM 1-21 TO US 562
BM 1-21											BM 1-21 (EL MONTE E-9)
1	199	448	500	5 223 174	49	193	677	494	5 217 168	49	DURFEE AV & SIPHON RD
DIFF IN ELEV	193	677	CM							49 98	SEE FB 1202-26
	5	771									
BM 1-22											BM 1-22 (U.S 561)
1	110	162	411	5 133 87	46	182	493	483	5 205 159	46	FB 1202-26
2	155	211	456	5 179 149	30	069	120	370	5 84 54	30	
3	261	324	562	5 280 243	37	204	493	505	5 222 186	36	
4	047	734	348	5 66 28	38	231	525	532	5 250 212	38	
5	155	502	456	5 179 131	48	085	953	386	5 108 62	46	
6	273	191	574	5 285 241	24	027	491	328	5 39 15	24	A D LE GAULT
7	155	805	456	5 178 132	46	156	080	457	5 180 133	47	
8	154	752	455	5 173 135	38	284	803	585	5 282 244	38	
9	058	533	359	5 81 35	46	048	932	345	5 71 25	46	
10	251	840	552	5 206 160	46	021	514	302	5 37 6	31	
TOTAL	1624	054	CM		383	1312	354	CM		382	
DIFF IN ELEV	1312	354								383	US 562
	311	700	CM						METER	765	SAN GABRIEL BLVD & LINCOLN AVE
US 562											F.B. 1202-36

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM US 562 TO BM 1-22
US 562													U.S 562
1	020	481	321	5	35 5	30	250	852	551	5	265 234	31	SAN GABRIEL BLVD & LINCOLN AV
													SEE F.B 1202-36
2	045	865	346	5	68 22	46	055	541	356	5	77 33	44	
3	288	902	589	5	82 288 269	38	158	744	459	5	177 139	38	
4	151	945	452	5	174 128	46	151	922	452	5	174 128	46	
5	026	082	327	5	38 14	24	271	252	572	5	283 259	24	
6	086	318	387	5	109 63	46	155	993	456	5	179 131	48	T D LE GAULT
7	230	219	531	5	249 211	38	045	788	346	5	64 26	38	
8	200	146	501	5	218 182	36	257	890	558	5	275 239	36	
9	067	379	368	5	82 52	30	153	472	454	5	168 138	30	
10	184	179	485	5	207 161	46	111	769	412	5	134 88	46	
TOTAL	1301	516	CM			380	1613	223	CM			381	
DIFF IN							1301	516				380	BM 1-22 (US 561)
ELEV							311	707	CM		METERS	761	DURFEE AVE & SIPHON RD
BM 1-22													SEE F.B 1202-26
1	188	877	489	5	212 163	49	194	702	495	5	219 170	49	
DIFF IN							188	877				49	BM 1-21 (EL MONTE E-9)
ELEV							5	825	CM			98	FB 1202-26
BM 1-21													

F.B. 2858 PG. 108 JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-28-61

INDEXED M.E. OTB DATE

WEATHER OVERCAST INST. NO. N3 75234

TIME 9.25 TO 10.10 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A C GUIZADO WEATHER SUNNY INST. NO. 1V375 23

NOTES BY ALG DATE 7-28-61 TIME 10:55 TO 11:25 ROD NO. 95 & 90

INDEXED H. E. OTB DATE NOTES CHKD [illegible] DATE 9/22/[illegible]

F.B. 2858 PG. 109

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM US 562 TO BM 1-23
US 562													US 562
1	183	581	484	5	206 / 160	46	118	765	419	5	141 / 95	46	SAN GABRIEL BLVD &
2	206	593	507	5	229 / 183	46	092	532	393	5	115 / 69	46	LINCOLN AVE SEE F.B 1202-36
3	143	431	444	5	166 / 120	46	167	884	468	5	190 / 144	46	
4	149	011	450	5	172 / 126	46	094	862	395	5	117 / 71	46	
5	205	481	506	5	228 / 182	46	110	092	411	5	133 / 87	46	
6	192	582	493	5	215 / 169	46	117	185	418	5	140 / 94	46	
7	203	905	504	5	226 / 180	46	092	569	393	5	115 / 69	46	D. LE GAULT
8	174	204	415	5	188 / 160	28	154	723	455	5	168 / 140	28	
TOTAL	1458	788	CM			350	948	612	CM			350	
DIFF IN	948	612										350	
ELEV	510	176	CM									700	METERS
BM 1-23													BM 1-23 SAN GABRIEL BLVD & ARROYO DR SEE 1202-27 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-23 TO US 562
BM 1-23													BM 1-23
1	155	315	456	5	169 141	28	174	682	475	5	188 160	28	San Gabriel Blvd & Arroyo Dr
													SEE FB 1202-27
2	095	802	396	5	118 72	46	208	138	509	5	231 185	46	
3	122	911	423	5	185 99	46	198	439	499	5	221 175	46	
4	112	480	413	5	135 89	46	207	411	508	5	230 184	46	
5	086	710	387	5	109 63	46	140	658	441	5	163 117	46	⊼ D. LE GAULT
6	165	838	466	5	188 142	46	141	805	442	5	164 118	46	
7	088	263	389	5	111 65	46	201	543	502	5	224 178	46	
8	121	319	422	5	144 98	46	186	133	487	5	209 163	46	
TOTAL	948	638	CM			350	1458	809	CM			350	
DIFF IN							948	632				350	
ELEV							510	177	CM			700	METERS
U.S 562													U.S 562
													SAN GABRIEL BLVD & LINCOLN AVE
													F.B 1202-36

F.B. 2858 PG. 110

JOB NO. 0301.02

SURVEY OF I. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-28-61

INDEXED H. E. OLD DATE

WEATHER OVER CAST INST. NO. 75234 A/3

TIME 8.50 TO 9.25 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A C GUIZADO WEATHER SUNNY INST. NO. N3 75 23

NOTES BY A L G DATE 7-28-61 TIME 1:30 TO 2:20 ROD NO. 95 69

INDEXED H. E. OTT DATE NOTES CHKD. [illegible] DATE 9/22/61

F.B. 2858 PG 1/4

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-23 TO BM 1-23A
BM 1-23													BM 1-23
1	238	932	539	5	252 / 224	28	029	531	330	5	43 / 14	29	SAN GABREIL BLVD &
2	299	801	600	5	x2 299 / 287	24	005	903	306	5	x2 17 / 5	24	ARROYO DR F.B. 1202-27
3	284	404	585	5	296 / 272	24	036	861	337	5	48 / 24	24	
4	274	885	575	5	288 / 260	28	030	893	331	5	44 / 16	28	
5	293	915	594	5	x2 293 / 274	38	022	630	323	5	41 / 3	38	
6	222	221	523	5	241 / 203	38	107	616	408	5	126 / 88	38	⊼ RANGEL
7	225	354	526	5	240 / 210	30	015	418	316	5	x2 30 / 15	30	
8	272	311	573	5	284 / 260	24	038	841	339	5	50 / 26	24	
9	263	583	564	5	275 / 251	24	067	107	368	5	79 / 55	24	
10	260	257	561	5	283 / 237	46	094	291	395	5	117 / 71	46	
11	186	747	487	5	209 / 163	46	146	860	447	5	169 / 123	46	
12	177	270	478	5	200 / 154	46	064	875	365	5	87 / 41	46	
13	208	309	509	5	219 / 196	23	135	172	436	5	146 / 123	23	
TOTAL	3207	989	CM			419	795	998	CM			420	BM 1-23A
FI IN	795	998										419	SAN GABREIL BLVD &
ELEV	2411	991	CM								METERS	839	WALNUT GROVE AVE
BM 1-23A													F.B. 2858-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-23A TO BM 1-23
BM 1-23A	134	940	435	5	146 / 122	24	207	863	508	5	219 / 195	24	BM 1-23A
2	066	121	367	5	89 / 43	46	179	346	480	5	202 / 156	46	SAN GABRIEL BLVD & WALNUT GROVE AVE
3	142	304	443	5	165 / 119	46	182	180	483	5	205 / 159	46	SEE F.B 2858-17
4	095	302	396	5	118 / 72	46	257	461	558	5	280 / 234	46	
5	067	740	368	5	79 / 55	24	267	159	568	5	279 / 255	24	
6	035	410	336	5	47 / 23	24	270	515	571	5	282 / 258	24	
7	009	942	310	5	x2 / 24 / 9	30	218	962	519	5	233 / 203	30	
8	107	726	408	5	126 / 88	38	243	858	544	5	262 / 224	38	⊼ RANGEL
9	029	160	330	5	48 / 10	38	281	411	582	5	300 / 262	38	
10	033	871	334	5	47 / 19	28	275	403	576	5	289 / 261	28	
11	034	623	335	5	46 / 22	24	297	446	598	5	x2 / 297 / 285	24	
12	019	079	320	5	31 / 7	24	297	726	598	5	x2 / 297 / 285	24	
13	022	794	323	5	36 / 7	29	231	921	532	5	246 / 217	29	
TOTAL	799	012	CM			421	3211	251	CM			421	BM 1-23
DIFF IN							799	012				421	SAN GABRIEL BLVD & ARROYS DK
ELEV							2412	239	CM		METERS	842	FB 1202-27
BM 1-23													

F.B. 2858 PG. 112

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-31-61

INDEXED H. E. OTT DATE

WEATHER OVERCAST INST. NO. N3 75234

TIME 900 TO ROD NO. 95896

NOTES CHKD [illegible] DATE 9/28/61

76P526B CE# 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-23A TO BM 1-24
BM 1-23A													BM 1-23A (EL MONTE C8)
1	154	378	455	5	163 / 145	18	186	851	487	5	195 / 177	18	SAN GABRIEL BLVD &
2	079	126	380	5	94 / 64	30	273	607	574	5	288 / 258	30	WALNUT GROVE AVE
													FB2858-17
3	041	068	342	5	61 / 21	40	106	504	407	5	126 / 86	40	
4	252	809	553	5	269 / 235	34	026	412	327	5	43 / 8	35	
5	284	131	585	5	12 / 284 / 261	46	063	970	364	5	86 / 40	46	
													⊼ RANGEL
6	247	883	548	5	270 / 224	46	035	095	336	5	58 / 12	46	
7	255	070	556	5	277 / 232	45	037	579	338	5	60 / 14	46	
8	292	497	533	5	12 / 292 / 269	46	116	533	417	5	139 / 93	46	
9	260	698	561	5	283 / 237	46	175	330	476	5	199 / 152	45	
TOTAL	1867	660	CM			351	1021	881	CM			352	
DIFF IN	1021	881										351	
ELEV	845	779	CM									703	METERS
BM 1-24													BM 1-24
													SAN GABRIEL BLVD &
													GRAND VIEW AVE
													SEE FIB 1202-28

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

SURVEY BY A C GUIZADO WEATHER SUNNY INST. NO. N3 75 23

NOTES BY A L G DATE 7-28-61 TIME 2:20 TO 3:00 ROD NO. 55 & 9

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE 7/22/6

F.B. 2858 PG 1/13

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-24 TO BM 1-23 A
BM 1-24													BM 1-24
1	171	422	472	5	194 / 148	46	259	622	560	5	282 / 236	46	SAN GABRIEL BLVD &
											x2		GRAND VIEW AVE
2	115	971	416	5	138 / 92	46	289	512	590	5	289 / 266	46	SEE 1202-28
3	038	660	339	5	61 / 15	46	257	379	558	5	279 / 234	45	
4	039	640	340	5	62 / 16	46	246	701	547	5	269 / 223	46	
											x2		
5	067	050	368	5	90 / 44	46	291	732	592	5	291 / 268	46	
6	031	042	332	5	48 / 13	35	256	201	557	5	273 / 239	34	
													T RANGEL
7	104	600	405	5	124 / 84	40	039	233	340	5	59 / 19	40	
8	272	121	573	5	287 / 257	30	076	765	377	5	93 / 61	32	
9	187	495	488	5	196 / 178	18	156	591	457	5	165 / 146	19	
TOTAL	1028	001	CM			353	1873	736	CM			354	
							1028	001	✓			353	
DIFF IN												707	METERS
ELEV							845	735	CM				
BM 1-23A													BM 1-23A
													SAN GABRIEL BLVD &
													WALNUT GROVE AVE
													FB2858-17

F.B. 2858 PG. 114

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 7-28-61

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. 75234

TIME 3:00 To 3:45 ROD NO. 95096

NOTES CHKD [illegible] DATE 9/2

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY H.E. Gantz Rod WEATHER Hazy INST. NO. 32221
NOTES BY H.E. Gantz DATE 7-24-61 TIME 10:00 TO 10:30 ROD NO. 25576
INDEXED H.E. ON DATE NOTES CHKD DATE 7/28/61
F.B. 2858 Pg. 115

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-24 TO BM 1-24A
BM 1-24													BM 1-24 (EL MONTE B-7 1938) AD
1	093	140	394	5	109 / 78	31	372	540	573	5	287 / 257	30	N San Gabriel Blvd & GRAND VIEW
													SEE FB 1202-28
2	010	950	311	5	25 / 10	30	300	250	601	5	30 / 285	30	
3	100	130	401	5	124 / 77	47	101	678	402	5	125 / 77	48	
4	195	825	496	5	218 / 173	45	196	868	497	5	218 / 173	45	
	117	600	418	5	140 / 95	45	141	382	442	5	164 / 118	46	
6	195	131	496	5	218 / 172	46	198	051	499	5	220 / 176	44	
TOTAL	712	776				244	1210	769				243 / 244 / 487	METERS
							712	776					
DIFF/ELEV BM 1-24A							497	993					
													BM 1-24A (EL MONTE B-7A 1940)
													N San Gabriel Blvd S
													FB 2858-18

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-24A TO BM 1-24
BM 1-24A													BM 1-24A (EL MONTE B-7A 1940)
1	202	495	503	5	225 179	46	203	875	504	5	226 181	45	N San Gabriel Blvd &
													FB 2858 - 18
2	150	550	451	5	173 128	45	126	219	427	5	149 103	46	
3	202	721	503	5	224 179	45	197	451	498	5	220 174	46	
4	095	091	396	5	118 72	46	100	812	401	5	23 78	45	
5	300	408	601	5	300 285 ½	30	003	513	304	5	18 3 ½	30	
6	270	730	571	5	285 255	30	091	490	392	5	107 75	32	
TOTAL	1221	995				242	723	360				244	
	723	360										242	
												486	METERS
DIFF/ELEV	498	635											
BM 1-24													BM 1-24 (EL MONTE B-7 1938)
													N San Gabriel Bd & N Grand View Ave
													SEE FB 1202 - 28

F.B. 2858 PG. 116 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED B. E. OTT DATE

WEATHER HAZY INST. NO. N3 75234

TIME 11:20 to 11:40 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY A. C. Gill 2420 DATE 7/31/61 WEATHER Hazy & Warm INST. No. 25234
NOTES BY A. C. Gill DATE 7/31/61 TIME 7:10 Pm to 1:30 ROD NO. 25644
INDEXED H. E. Ott DATE NOTES CHKD [illegible] DATE 7/22/61
F.B. 2858 Pg. 117

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													From BM 1-24 To BM 1-24A
BM 1-24													BM 1-24 (ELMONTE B-7 1938)
1	094	438	395	5	110 / 78	32	273	991	514	5	288 / 258	30	N San Gabriel Blvd & Grand View Av
													FB 1202-28
2	008	925	309	5	23 / 8 1/2	30	290	185	591	5	290 1/2 / 277	26	
3	082	950	383	5	106 / 59	47	091	079	392	5	115 / 67	48	
4	194	278	495	5	216 / 173	43	200	925	501	5	224 / 176	48	∥ GE Cook
	124	933	425	5	187 / 101	46	186	119	447	5	170 / 124	46	
6	200	058	501	5	222 / 178	44	201	900	502	5	224 / 178	46	
TOTAL	705	582				242	1204	199				24 & 24 1/2	
							705	582					
							498	617				186	MEECI
DIFF/ELEV BM 1-24A													BM 1-24A (ELMONTE B-7A 1940)
													N San Gabriel Blvd & Bleeker St
													FB 2858-18

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

INST. NO. 15234 ROD NO. 25858 DATE 5/23/41

WEATHER Hazy NOTES CHKD Kittell

TIME 1:30 PM

F.B. 2858 PG. 118 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. ON DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-24A TO BM 1-24
BM 1-24A													BM 1-24A (ELMONTE B-7A 1940)
+ 1	203	518	504	5	226 / 180	46	201	662	502	5	223 / 179	44	N. San Gabriel Bl & Bleecker Ave
													SEE FB 2858-18
2	143	140	444	5	166 / 120	46	122	645	423	5	163 / 99	46	
3	202	152	503	5	225 / 179	46	196	237	497	5	218 / 173	45	
4	090	223	391	5	113 / 67	46	095	586	396	5	118 / 73	45	
5	288	600	589	5	288 / 273 x2	30	003	232	304	5	17 1/2	28	
6	273	284	574	5	258 / 228	30	982	993	383	5	99 / 66	33	
TOTAL	1200	917				244	702	355				2f 1 24V 485	METERS
	702	355											
DIFF ELEV	498	562											
BM 1-24													BM 1-24 (ELMONTE B-7 1938)
													N San Gabriel Bl & Grand View Ave
													FB 1202-28

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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 A. C. GUIZADO

NOTES BY ACG DATE 7-31-61

INDEXED H. E. OTT DATE

WEATHER [illegible] INST. NO. 75234

TIME 10:20 to 10:50 ROD NO. 9589

NOTES CHKD [illegible] DATE 9/23/61

F.B. 2858 PG 119

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-24A TO BM 1-24B
BM 1-24A	129	763	430	5	139 / 120	19	208	393	509	5	218 / 198	20	BM 1-24A (EL MONTE B-7A 1940) N San Gabriel Blvd & Bleekerst
2	057	212	358	5	68 / 46	22	260	878	561	5	270 / 249	21	FB 2858-18
3	036	451	337	5	47 / 26	21	278	835	579	5	289 / 268	21	
4	018	015	319	5	29 / 18 ½	22	283	931	584	5	293 / 272	21	⊼ G.E. COOK
5	019	610	320	5	30 / 08	22	289	309	590	5	300 / 278	22	
	013	570	314	5	24 / 13 ½	22	281	430	582	5	292 / 271	21	
7	022	272	323	5	34 / 10	24	275	475	576	5	287 / 263	24	
8	040	258	341	5	63 / 18	45	141	338	442	5	163 / 118	45	
9	252	881	553	5	267 / 237	30	017	585	318	5	32 / 17 ½	30	
10	280	318	581	5	295 / 266	29	049	223	350	5	64 / 35	29	
11	214	900	515	5	235 / 190	48	251	115	552	5	275 / 227	48	
TOTAL	1085	250				304	2337	512				302 / 304	
							1085	250				606	METERS
DIFF/ELEV BM 1-24B							1252	262					BM 1-24B (EL MONTE B-6 1940) N San Gabriel Blvd & E. GRAVES AVE FB 2858-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM1-24B TO BM1-24A
BM1-24B													BM1-24B (EL MONTE B-6 1940)
1	249	863	550	5	273 225	48	215	789	516	5	239 191	48	N San Gabriel Blvd & E Graves
													FB 2858 -19
2	048	771	349	5	63 34	29	281	203	582	5	296 266	30	
3	015	196	316	5	30 15 1/2	30	246	971	547	5	261 231	30	
4	142	610	443	5	164 119	45	038	800	339	5	61 15	46	
5	267	050	568	5	279 255	24	016	421	317	5	28 04	24	
6	284	031	585	5	295 274	21	012	910	313	5	23 12	22	
7	284	261	585	5	295 274	21	018	686	319	5	29 08	22	
8	288	380	589	5	299 278	21	019	080	320	5	30 9	21	
9	269	895	570	5	280 259	21	031	868	332	5	41 20	21	
10	270	853	571	5	281 259	22	063	870	364	5	73 53	20	
11	211	220	512	5	222 201	21	134	375	435	5	143 125	18	
TOTAL	2332	130				303	1079	973				302 303 605 METERS	
	1079	973											
DIFF/ELEV	1252	157											
BM1-24A													BM1-24A (EL MONTE B-7A 1940)
													N San Gabriel Blvd & Bleeker St
													FB 2858 -18

F.B. 2858 PG. 120 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER HAZY INST. NO. N3 75234

TIME 10:50 ROD NO. 95896

NOTES CHKD [illegible] DATE 7/22/60

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. GUIZADO WEATHER OVERCAST INST. NO. 75234

NOTES BY GEC DATE 8-1-61 TIME 8 am - 4 pm ROD NO. 25896

INDEXED [illegible] DATE NOTES CHKD. [illegible] DATE 9/22/61

F.B. 2858 PG. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-24B TO BM 1-25
BM 1-24B													BM 1-24B (EL MONTE B-6 1940)
1	066	349	367	5	89 / 43	46	180	517	481	5	203 / 157	46	N San Gabriel Blvd & E. Graves Ave
													SEE FB 2858-19
2	129	723	430	5	152 / 106	46	155	452	456	5	178 / 132	46	
3	139	977	440	5	162 / 116	46	146	355	447	5	169 / 123	46	
4	088	382	389	5	111 / 65	46	262	213	563	5	285 / 239	46	
	031	303	332	5	54 / 8	46	229	757	530	5	252 / 206	46	⊼ - A-Goble
6	120	419	421	5	143 / 97	46	153	911	454	5	176 / 130	46	
7	142	778	443	5	165 / 119	46	136	112	437	5	159 / 113	46	
8	158	819	459	5	181 / 135	46	112	888	413	5	135 / 89	46	
9	192	050	493	5	215 / 169	46	098	130	399	5	121 / 75	46	
10	216	501	517	5	239 / 193	46	112	228	413	5	135 / 89	46	
11	133	744	434	5	147 / 118	29	195	809	496	5	209 / 180	29	
Total	1420	045				489	1783	372				489	
Diff in Elev							1420	045				489	
							363	327				978	Meters: BM 1-25 (EL MONTE B-5 1940)
													San Gabriel Blvd & Garvey Ave
BM 1-25													SEE FB 1202-29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

WEATHER Clear & Warm INST. NO. 13 & 14
TIME 10:30 - 11:15 ROD NO. 95 & 96
NOTES CHKD L&M DATE 9/22/41

F.B. 2858 PG. 122 — L. A. CO. PRECISE LEVEL NET — 0304.02

SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES G.E.C.
INDEXED H. E. OTT DATE

STATION	BACKSIGHT							FORESIGHT							DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT		STADIA		RIGHT		MIC.	LEFT		STADIA		FROM BM 1-25 TO BM 1-24-B
BM 1-25															BM 1-25 (EL MONTE 1940 B-5)
1	190		842	491	5	205 176	29	128		338	429	5	143 114	29	San Gabriel Blvd & Garvey E
															FB 1202-29
2	108		148	409	5	181 135	46	216		597	517	5	239 193	46	
3	102		022	403	5	125 79	46	192		569	493	5	215 169	46	
4	119		947	420	5	142 96	46	163		260	464	5	186 140	46	
															T-A-Gobla
5	153		017	454	5	176 130	46	136		747	437	5	159 113	46	
6	156		367	457	5	179 133	46	152		315	453	5	175 129	46	
7	238		705	539	5	261 215	46	019		034	320	5	65 19	46	
8	247		942	548	5	270 224	46	094		498	395	5	117 71	46	
9	158		264	459	5	181 135	46	146		857	447	5	169 123	46	
10	155		702	456	5	178 132	46	139		517	440	5	162 116	46	
11	187		011	488	5	210 164	46	065		327	366	5	88 42	46	
Total	1817		967				489	1455		059				489	
Diff in Elev	1455		059											489	BM 1-24B (EL MONTE B-6 1940)
	362		908											978	San Gabriel Blvd & E. Garvey Ave
BM 1-24-B															SEE FB 2858-19

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

Re Run

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY H.C. Sulz & Co. DATE 8-1-61 TIME 1:30 - 2 WEATHER Sunny INST. NO. A-23
NOTES BY H.C. Sulz & Co. DATE 8-1-61 TIME 1:30 - 2 ROD NO. 25
INDEXED H. E. Ott DATE NOTES CHKD DATE 9/26/61

F.B. 2658 Pg 123

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-24B TO BM 1-25
BM 1-24B													BM 1-24B (ELMONTE B-6 1940)
1	066	662	367	5	89 / 43	46	193	089	494	5	216 / 170	46	San Gabriel Blvd & E. Graves Ave
													SEE FB 2658-19
2	142	016	443	5	165 / 119	46	153	890	454	5	176 / 130	46	
3	143	441	444	5	166 / 120	46	151	854	452	5	174 / 128	46	
4	089	557	390	5	112 / 66	46	262	942	563	5	285 / 239	46	
													T - A. Goble
5	030	555	331	5	53 / 07	46	228	717	529	5	251 / 205	46	
6	148	010	449	5	171 / 125	46	156	155	457	5	179 / 133	46	
7	137	317	438	5	160 / 114	46	153	795	454	5	176 / 130	46	
8	155	908	456	5	178 / 132	46	095	305	396	5	118 / 72	46	
9	170	578	471	5	193 / 147	46	097	349	398	5	120 / 74	46	
10	217	028	518	5	240 / 194	46	108	863	409	5	131 / 85	46	
11	130	398	431	5	144 / 115	29	192	930	493	5	206 / 177	29	
					489						489 / 392 / 97		
Total	1431	470					1794	889					METERS
Diff. in Elev							1431	470					
							363	419					
BM 1-25													BM 1-25 (ELMONTE B-5 1940)
													San Gabriel Blvd & Garvey Ave
													SEE FB 1202-29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

Re Run

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-25 TO BM 1-24B
BM 1-25													BM 1-25 (EL MONTE B-5 1940)
1	188	538	489	5	202 173	29	126	357	427	5	140 111	29	San Gabriel Blvd & GARVEY AVE
													SEE 1202-29
2	104	831	405	5	127 81	46	211	436	512	5	234 188	46	
3	098	512	399	5	121 75	46	173	759	474	5	196 150	46	
4	102	288	403	5	125 79	46	161	921	462	5	184 138	46	
5	152	819	453	5	175 129	46	136	938	437	5	159 113	46	T Goble
6	155	255	456	5	178 132	46	146	505	447	5	169 123	46	
7	227	489	528	5	250 204	46	029	959	330	5	52 06	46	
8	268	292	569	5	291 245	46	110	098	411	5	133 87	46	
9	180	478	481	5	203 157	46	162	250	463	5	185 139	46	
10	162	721	463	5	185 139	46	138	898	439	5	161 115	46	
11	188	552	489	5	211 165	46	068	641	369	5	91 45	46	
						489						489	
												489	
Total	1829	775					1466	762				978	METERS
Diff in	1466	762											
Elev	363	013											BM 1-24B (EL MONTE B-6 1940)
													San Gabriel Blvd & E GRAVES AV
BM 1-24-B													SEE FB 2858 79

F.B. 2858 PG. 124 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED A. E. OTT DATE

WEATHER Hazy INST. NO. NB 75234

TIME 2:15 - 3:00 ROD NO. 95896

NOTES CHKD WTM DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A C GUIZADO WEATHER Cool INST. NO. N3 75239

NOTES BY ALG DATE 8-2-61 TIME 8.20 TO 9.05 ROD NO. 95690

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE 9/22/6

F.B. 2858 PG. 125

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS RERUN FROM BM 1-24B TO BM 1-25
BM 1-24B													BM 1-24B
1	071	235	372	5	94 / 48	46	185	565	486	5	208 / 162	46	SAN GABRIEL BLVD &
													GRAVES AVE
2	135	421	436	5	158 / 112	46	164	332	465	5	187 / 141	46	SEE F.B 2858-19
3	154	662	455	5	177 / 131	46	157	779	458	5	180 / 134	46	
4	091	483	392	5	114 / 68	46	263	432	564	5	286 / 240	46	
5	037	121	333	5	55 / 9	46	214	602	515	5	237 / 191	46	
6	106	602	407	5	129 / 83	46	163	802	464	5	186 / 140	46	
													A. RANGEL
7	147	571	448	5	170 / 124	46	128	720	429	5	151 / 105	46	
8	149	681	450	5	172 / 126	46	110	480	411	5	133 / 87	46	
9	198	192	499	5	221 / 175	46	100	632	401	5	123 / 77	46	
10	216	463	517	5	239 / 193	46	116	441	417	5	139 / 93	46	
11	140	056	441	5	154 / 125	29	201	204	502	5	216 / 187	29	
TOTAL	1444	095	CM			489	1807	049	CM			489	
DIFF IN							1444	095				489	
ELEV							362	954	CM			978	METERS
BM 1-25													BM 1-25
													SAN GABRIEL BLVD &
													GARVEY AVE
													F.B. [illegible]

F.B. 2858 PG. 126 JOB NO. 030102

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS	
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM	TO

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 1-25 TO BM 31-24
BM 1-25									BM 1-25 (EL MONTE B-5 1940)
1	193	228	494 5	207 179 28	170	558	471 5	189 152 37	San Gabriel Blvd & GARVEY AVE
									SEE FB 1202-29
2	178	560	479 5	203 154 49	128	938	429 5	149 106 43	
3	185	130	486 5	209 162 47	124	292	425 5	147 102 45	
4	186	119	487 5	209 163 46	111	814	412 5	134 88 46	
5	180	740	481 5	196 165 31	139	475	440 5	155 124 31	⊼ - A. Goble
				201				202 201 403	
Total	923	777			675	077			METERS
Diff in	675	077							
Elev	248	700							
TBM WM27									TBM W.M-27 (spk in cb)
									San Gabriel Blvd & EMERSON Pl
1	168	015	469 5	179 158 21	168	339	469 5	179 158 21	SEE FB 1397-29
					168	015		21	
iff in Elev						324		42	Meters
BM 31-24									BM 31-24 (co. MON & mt)
									San Gabriel Blvd & EMERSON Pl
									SEE FB 1397-29

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

SURVEY BY AC Guizado

NOTES BY GEC DATE 8-1-61

INDEXED H. E. ON DATE

WEATHER overcast

TIME 9:00 am - 9:30 am

NOTES CHKD [illegible] DATE 9/22/6

INST. NO. 75234 N3

ROD NO. 95-96

F.B. 2858 PG. 127

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 31-24 TO BM 1-25
BM 31-24									BM 31-24 (CO. MON. & int
1	162	392	463 5	173 152 21	162	098	463 5	173 152 21	San Gabriel Blvd & Emerson Pl
	162	098						21	See FB 1397-29
Ditt in Elev		294						42	Meters
TBM WM 27									TBM WM 27 (spk in cb)
1	137	382	438 5	151 123 28	181	662	482 5	197 165 32	San Gabriel Blvd & Emerson Pl
									See FB 1397-29
2	108	347	409 5	131 84 47	177	220	478 5	199 155 44	
3	120	759	421 5	143 97 46	183	739	484 5	206 160 46	⊼ A-Goble
4	119	262	420 5	142 96 46	170	057	471 5	193 147 46	
5	164	252	465 5	180 147 33	186	194	487 5	202 170 32	
Total	650	002		200	898	872		200	
					650	002		200	
					248	870		400	Meters
BM 1-25									BM 1-25 (EL MONTE B-5 194
									San Gabriel Blvd & Garvey Ave
									See FB 1202-29

F.B. 2858 PG. 128

JOB NO. 0301102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACC NOTES G.E.C.

INDEXED G. E. OH DATE

WEATHER Clear & warm N/S INST. NO. 75234

TIME 10:10 - 10:30 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 31-24 TO BM 1-25A
BM 31-24													BM. 31-24 (COMON. @ 8 int)
1	225	233	526	5	248 / 202	46	104	322	405	5	127 / 81	46	San Gabriel Blvd & Emerson Pl.
													See FB 1397-29
2	217	440	518	5	240 / 194	46	089	592	390	5	112 / 66	46	
3	221	899	522	5	244 / 198	46	114	980	415	5	137 / 91	46	
4	177	931	478	5	200 / 154	46	105	940	406	5	128 / 82	46	
5	162	125	463	5	175 / 149	26	116	882	417	5	128 / 102	26	
						210						210	
												210	
Total	1004	628					531	716				420	METERS ⊼ A. Goble
Diff in	531	716											
Elev	472	912											
BM 31-25													BM 31-25 (State Hwy BM)
													San Gabriel Blvd & E Hellman Av.
1	138	797	439	5	146 / 130	16	161	128	462	5	169 / 153	16	See FB 1397-30 & 2858-20
							138	797				16	
Diff in Elev							22	331				32	Meters
BM 1-25A													BM 1-25A (EL MONTE B-4 RM #5 1940)
													San Gabriel Blvd & E Hellman Ave
													See FB 2858-20

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

SURVEY BY A. C. Guizado WEATHER Overcast INST. No. 75231

NOTES BY GFC DATE 8-1-61 TIME 9:20 AM - 9:40 ROD NO. 9596

INDEXED B. E. Ott DATE NOTES CHKD [illegible] DATE 9/22/61

F.B. 2858 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-25A TO BM 31-24
BM 1-25A													BM 1-25A (ELMONTE B-4 RM #5 1960)
1	158	877	459	5	166 150	16	136	549	437	5	144 128	16	San Gabriel Blvd & E. HELLMAN AVE
	136	549										16	SEE FB 2858-20
	22	328										32	Meters
BM 31-25													BM 31-25 (State Hwy DISK)
													San Gabriel Blvd & E. HELLMAN AVE
1	118	568	419	5	131 104	27	164	459	465	5	178 151	27	SEE FB 1397-30, & 2858-20
2	109	740	410	5	132 86	46	179	342	480	5	202 156	46	
													T. A. Goble
3	109	282	410	5	132 86	46	215	520	516	5	238 192	46	
4	080	682	381	5	103 57	46	211	741	512	5	234 188	46	
5	104	727	405	5	127 81	46	224	858	525	5	247 201	46	
						211						211	
Total	522	999					995	920				211 422	METERS
Ditt in							522	999					
Elev							472	921					
BM 31-24													BM 31-24 (Co. MON @ Cmt)
													San Gabriel Blvd & EMERSON Pl
													SEE FB 1397-29

F.B. 2858 PG. 130 JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY ACC NOTES GEC

INDEXED H. E. OTT DATE

WEATHER Clem-Warm N/3 INST. NO. 75234

TIME 9:55 am - 10:10 am ROD NO. 95796

NOTES CHKD [illegible] DATE 9/22/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A.C. Guizado

NOTES BY QFC DATE 8-1-61 WEATHER Smoggy INST. No. 75234

INDEXED H. E. OTT DATE TIME 3:15 - 4:15 ROD NO. 95-96

NOTES CHKD [illegible] DATE 9/28/61

F.B. 2858 PG. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-25 A TO BM 1-26
BM 1-25A													BM 1-25A (EL MONTE B-4 RM #5 1940)
1	190	952	491	5	213 / 167	46	230	685	531	5	252 / 208	44	San Gabriel Blvd & E. Hellman Ave
													FB 2858-20
2	035	312	336	5	57 / 13	44	297	942	598	5	x2 297 / 294	46	
3	121	098	422	5	144 / 98	46	064	951	365	5	87 / 41	46	
4	277	081	578	5	292 / 262	30	018	761	319	5	33 / 03	30	⊼ I T RANGEL
5	299	151	600	5	x2 299 / 284	30	030	237	331	5	45 / 15	30	
6	245	483	546	5	268 / 222	46	196	904	497	5	219 / 173	46	
7	233	858	534	5	256 / 210	46	133	082	434	5	156 / 110	46	
8	194	341	495	5	217 / 171	46	111	335	412	5	134 / 88	46	
9	200	949	501	5	222 / 176	46	107	473	408	5	130 / 84	46	
10	202	170	503	5	225 / 179	46	101	462	402	5	124 / 78	46	
11	212	461	513	5	235 / 189	46	105	561	406	5	128 / 82	46	
12	200	630	501	5	223 / 177	46	113	461	414	5	136 / 90	46	
13	206	209	507	5	237 / 181	50	167	422	468	5	192 / 142	50	BM 1-26 (EL MONTE B-3 1940) San Gabriel Blvd & Valley Blvd
Total	2619	695 ✓				568	1679	276 ✓			568 / 568	538 / 538	SEE FB 1202-30
Diff in	1679	276 ✓									1136	476 METERS	
Elev	940	419 ✓											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-26 TO BM 1-25A
BM 1-26	169	323	470	5	194 144	50	204	619	505	5	229 179	50	BM 1-26 (ELMONTE B-3)
2	108	601	409	5	131 85	46	200	700	501	5	223 177	46	SAN GABRIEL BLVD & VALLEY BLVD
3	110	256	411	5	133 87	46	214	671	515	5	237 191	46	SEE F.B 1202-30
4	105	223	406	5	128 82	46	207	615	508	5	230 184	46	
5	111	013	412	5	134 88	46	203	895	504	5	226 180	46	
6	113	861	414	5	136 90	46	198	310	499	5	221 175	46	
7	134	665	435	5	157 111	46	237	976	538	5	260 214	46	π RANGEL
8	203	361	504	5	225 180	45	247	679	548	5	270 224	46	
9	029	639	330	5	44 14	30	282	944	583	5	297 267	30	
10	005	638	306	5	x2 20 5	30	282	509	583	5	297 267	30	
11	073	052	374	5	96 50	46	128	888	429	5	151 105	46	
12	293	411	594	5	x2 293 270	46	028	222	329	5	51 5	46	
13	230	601	531	5	253 208	45	191	186	492	5	214 168	46	
TOTAL	1688	644	CM			568	2629	214	CM			570	BM 1-25A (ELMONTE B-4 RM # 5)
DIFF IN							1688	644				568	SAN GABRIEL BLVD & HELMAN 57
ELEV							940	570	CM	METERS		~~1140~~ 1130	F.B 2858-20
BM 1-25A													

F.B. 2858 PG. 132

SURVEY OF L. A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

SURVEY BY ACG NOTES ALG 8-4-61

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. 75239

TIME 8.20 TO 9.20 ROD NO. 95696

NOTES CHKD [illegible] DATE 5/24/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY A L G C G UZ ADD WEATHER SUNNY INST. NO. 75 234
NOTES BY A L G DATE 8-2-61 TIME 9.20 TO 10.20 ROD NO. 95 94
INDEXED H. E. OTT DATE NOTES CHKD DATE
F.B. 2858 PG 133

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-26 TO BM 1-27
BM 1-26	220	972	523	5	244 200	44	120	988	421	5	183 37	46	BM 1-26 CEL MONTE B-3)
2	193	172	494	5	216 170	46	109	461	410	5	132 86	46	SAN GABRIEL BLVD &
3	211	405	512	5	234 188	46	087	940	388	5	110 64	46	VALLEY BLVD
4	192	339	503	5	215 169	46	099	470	400	5	121 76	45	F.B. 1202-30
5	202	116	503	5	225 179	46	095	858	396	5	118 72	46	
6	185	070	489	5	211 165	46	118	486	419	5	141 95	46	
7	203	619	504	5	226 180	46	095	980	396	5	118 72	46	
8	189	070	490	5	212 166	46	105	809	406	5	128 82	46	T. I. T. RANGEL
9	207	697	508	5	230 184	46	095	255	396	5	118 72	46	SUMMATION OF RUN
10	190	816	491	5	213 167	46	120	012	421	5	143 97	46	BM 1-26 TO BM 1-27
11	233	036	534	5	256 210	46	121	698	422	5	144 98	46	TOTAL BACKSIGHTS + 2815.717
12	192	812	493	5	215 169	46	130	430	431	5	153 107	46	TOTAL FORESIGHTS - 1594.544
13	222	191	523	5	242 202	40	121	332	423	5	141 101	40	DIFF IN ELEV + 1221.173
													BM 1-27 (CEL MONTE B-2)
14	166	402	467	5	176 150	20	171	825	472	5	181 161	20	SAN GABRIEL BLVD &
ST - AL	2815	717	CM			610	1594	544	CM			611 610	MISSION DR.
BM 1-27													SEE F.B. 1202-31

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-27 TO BM 1-26
BM 1-27	169	075	470	5	179 / 159	20	164	327	465	5	173 / 154	19	BM 1-27 (EL MONTE B-2
2	121	772	422	5	141 / 101	40	221	973	522	5	241 / 201	40	SAN GABRIEL BLVD & MISSON DR
3	128	332	429	5	151 / 105	46	190	178	491	5	213 / 167	46	SEE F.B 1202-31
4	117	577	418	5	140 / 94	46	229	586	530	5	252 / 206	46	
5	111	250	412	5	134 / 88	46	181	572	482	5	204 / 158	46	
6	110	436	411	5	133 / 87	46	199	850	500	5	222 / 176	46	
7	082	286	383	5	105 / 59	46	198	172	499	5	221 / 175	46	
8	108	821	409	5	131 / 85	46	207	582	508	5	230 / 184	46	T RANGEL
9	111	843	412	5	134 / 88	46	180	670	481	5	203 / 157	46	SUMRATION OF RUN BM 1-27 TO BM 1-26
10	079	493	380	5	102 / 56	46	196	430	497	5	219 / 173	46	TOTAL BACKSIGHTS + 1548.36 TOTAL FORESIGHTS − 2769.64
11	107	888	408	5	130 / 84	46	198	123	499	5	221 / 175	46	DIFF IN ELEV −1221.28
12	101	921	402	5	124 / 78	46	183	999	484	5	206 / 160	46	
13	073	455	374	5	96 / 50	46	167	751	468	5	190 / 144	46	
14	124	211	425	5	147 / 101	46	249	430	550	5	272 / 226	46	BM 1-26 (EL MONTE B-3 SAN GABRIEL BLVD & VALLEY
TOTAL	1548	360	CM			612	2769	643	CM			611 / 612	SEE F.B 1202-30

F.B. 2858 PG. 134 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-2-61

INDEXED H. E. DIX DATE

WEATHER SUNNY INST. NO. N3 75234

TIME 2:30 TO 3:30 ROD NO. 95696

NOTES CHKD [illegible] DATE 9/25/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

SURVEY BY A C GUIZADO WEATHER SUNNY INST. NO. 3-75-33

NOTES BY A L G DATE 8-2-61 TIME 10.20 TO 11.10 ROD NO. 95-69

INDEXED H.S. DIT DATE NOTES CHKD [illegible] DATE [illegible]

F.B. 2858 PG. 135

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-27 TO BM 1-28
BM 1-27													BM 1-27 (EL MONTE B-2)
1	211	071	512	5	231 / 191	40	124	950	425	5	144 / 104	40	SAN GABRIEL BLVD &
2	202	605	503	5	225 / 179	46	124	813	425	5	147 / 101	46	MISSON DR. SEE F.B 1202-31
3	229	370	530	5	252 / 206	46	040	101	341	5	63 / 17	46	
4	268	580	569	5	291 / 245	46	032	968	333	5	55 / 9	46	
5	234	301	535	5	257 / 211	46	068	172	369	5	91 / 45	46	
6	205	480	506	5	228 / 182	46	059	985	360	5	82 / 36	46	
7	203	601	504	5	216 / 190	26	143	215	444	5	156 / 130	26	X ⊼ I.T. RANGEL
8	118	025	419	5	133 / 104	29	186	919	487	5	199 / 173	26	
9	124	611	425	5	137 / 111	26	186	690	487	5	200 / 172	28	
10	112	872	413	5	135 / 89	46	144	566	445	5	167 / 121	46	
11	121	989	422	5	144 / 98	46	187	192	488	5	210 / 164	46	
TOTAL	2032	505	CM			443	1299	571	CM			442	
DIFF IN	1299	571										443	
ELEV	732	934	CM									885	METERS
BM 1-28													BM 1-28 (US 2638)(58-14) SPRR & 1030' E. OF SAN GABRIEL BLVD SEE FB 1202-32

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-28 TO BM 1-27
BM 1-28													BM 1-28 (US 2638
1	186	272	487	5	209 163	46	121	102	422	5	144 98	46	SPRR & 1030' E. of San Gabriel B
													SEE FB 1202-32
2	139	850	440	5	162 116	46	108	100	409	5	131 85	46	
3	184	530	485	5	198 170	28	114	626	415	5	128 100	28	
4	175	444	476	5	189 161	28	114	465	415	5	128 100	28	X
5	143	890	444	5	156 130	26	204	611	505	5	217 191	26	
6	057	638	358	5	80 34	46	204	219	505	5	227 181	46	⊼ RANGEL
7	067	902	368	5	90 44	46	232	610	533	5	255 209	46	
8	030	940	331	5	53 7	46	267	990	568	5	290 244	46	
9	043	792	344	5	66 20	46	231	650	532	5	254 208	46	
10	091	674	392	5	114 68	46	169	030	470	5	192 146	46	
11	123	150	424	5	143 103	40	209	712	510	5	229 189	40	
TOTAL	1245	082	CM			444	1978	115	CM			444	
DIFF IN							1245	082				888	
ELEV							733	033	CM				METERS
BM 1-27													BM 1-27 (EL MONTE B-2 1940)
													San Gabriel Blvd & Mission Dr
													SEE FB 1202-31

F.B. 2858 PG. 136

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-2-61

INDEXED H. E. DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. N3 75239

TIME 1150 TO 230 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 7/2/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY A. C. GUIZADO WEATHER SUNNY TEMP. INST. NO. 7523
NOTES BY A. C. G. DATE 8-2-61 TIME 7:10 TO 12:00 ROD NO. 3529
INDEXED H. E. OH DATE NOTES CHKD DATE 8/24/61
F.B. 2858 PG. 137

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
							FROM BM 1-28 TO BM 1-29						
BM 1-28													BM 1-28 (U.S. 2638) (58-14)
1	186	272	487	5	209 163	46	121	102	422	5	194 98	46	SPRR & 1030' E SAN GABRIEL BLVD
													SEE FIB 1202-32
2	139	850	440	5	162 116	46	108	100	409	5	131 85	46	
3	184	530	485	5	197 170	27	114	626	415	5	128 100	28	
4	175	444	476	5	189 161	28	114	465	415	5	128 100	28	X
5	198	256	499	5	221 175	46	104	609	405	5	127 81	46	X I. T. RANGEL
6	172	429	473	5	186 157	29	117	653	418	5	145 89	56	
7	238	168	539	5	266 209	57	130	881	431	5	152 109	43	
8	198	901	499	5	225 171	54	121	231	422	5	141 102	39	
9	168	388	469	5	190 146	44	701	364	471	5	192 148	44	
TOTAL	1662	238	CM				1103	031	CM			376	
												377	
DIFF IN ELEV	559	207	CM									753	METERS
BM 1-29													BM 1-29 (USC&GS #Z 769 1945) SPRR & LAFAYETTE ST FB 1202-33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

WEATHER SUNNY INST. NO. N3 7523

TIME 1110 TO 1520 ROD NO. 95-196

NOTES CHKD MCM DATE 9/5/96

F.B. 28588 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-2-01

INDEXED H.E.O'H DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-29 TO BM 1-28
BM 1-29													BM 1-29/US4009 Z-769.194
1	173	031	474	5	195 151	44	169	842	470	5	191 147	44	SPRR & LAFAYETTE ST
													FB 1202-33
2	113	920	414	5	136 90	46	193	106	494	5	216 170	46	
3	122	512	423	5	145 99	46	212	834	573	5	235 189	46	
4	114	162	415	5	137 91	46	214	799	515	5	237 191	46	
5	144	535	495	5	167 121	46	208	990	509	5	231 185	46	X A RANGEL
6	118	025	419	5	132 104	28	186	919	487	5	200 172	28	
7	124	611	425	5	138 120	28	186	690	487	5	200 172	28	
8	112	872	413	5	135 89	46	144	566	445	5	167 121	46	
9	121	989	422	5	144 98	46	187	192	488	5	210 164	46	
TOTAL	1145	657	CM			376	1704	938	CM			376	
DIFF IN ELEV							1145	657				376	
BM 1-28							559	281	CM			752	METERS
													BM 1-28/US2638 58-14 LACFCD, SPRR & 1030' E. OF SAN GABRIEL BL
													FB 1202-32

76P526B CE# 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-29 TO BM 1-31
BM 1-29													BM 1-29 USC&GS Z-769 1945)
1	169	402	470	5	191 / 147	44	165	450	466	5	187 / 143	44	SPRR & S. LAFAYETTE ST.
													FB 1202-33
2	116	142	417	5	139 / 93	46	196	104	497	5	219 / 173	46	
3	117	810	418	5	140 / 94	46	206	510	507	5	229 / 183	46	⊼ IT RANGEL
4	110	423	411	5	133 / 87	46	212	948	513	5	235 / 189	46	
	127	141	428	5	150 / 104	46	191	542	492	5	214 / 168	46	(X)
6	238	798	539	5	259 / 217	42	073	546	374	5	94 / 52	42	
7	188	765	489	5	211 / 165	46	115	862	416	5	138 / 92	46	
8	170	930	471	5	193 / 147	46	140	196	441	5	163 / 117	46	
9	163	949	464	5	181 / 146	35	191	769	492	5	209 / 173	36	
10	150	745	451	5	161 / 139	22	204	463	505	5	215 / 193	22	
						49						420 / 419 / 839	
TOTAL	1554	105					1698	390					METERS
							1554	105					
DIFF/ELEV							144	285					
BM 1-31													BM 1-31
													RUBIO WASH SD & BROADWAY
													SEE FB 2858-21

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

SURVEY BY A.C. GUIZARD

NOTES BY ACG DATE 8-4-61

INDEXED H. E. OTT DATE

WEATHER OVERCAST INST. NO. 13 75234

TIME 7:50 to 10:30 ROD NO. 25890

NOTES CHKD [illegible] DATE 9/25/[illegible]

F.B. 2858 PG 139

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-31 TO BM 1-29
BM 1-31													BM 1-31
1	202	712	503	5	213 / 191	22	148	848	449	5	157 / 137	22	RUBIO WASH SD & BROADWAY
2	193	695	494	5	210 / 175	35	165	814	466	5	183 / 147	36	FB 2858-21
3	143	330	444	5	166 / 120	46	174	778	475	5	197 / 151	46	
4	122	263	423	5	145 / 99	46	194	640	495	5	217 / 171	46	
5	097	923	398	5	118 / 76	42	236	321	537	5	256 / 213	43	
6	167	161	468	5	189 / 145	44	129	252	430	5	150 / 109	41	
7	213	460	514	5	237 / 190	47	112	180	413	5	135 / 89	46	
8	211	531	512	5	234 / 188	46	121	797	422	5	144 / 98	46	
9	192	391	493	5	215 / 169	46	114	310	415	5	137 / 91	46	
10	171	416	472	5	193 / 149	44 / 418	173	745	474	5	195 / 151	44 / 416 / 418	
TOTAL	1715	882					1571	685				834	METERS
	1571	685											
DIFF/ELEV	144	197											
BM 1-29													BM 1-29
													SPRR & LAFAYETTE
													FB 1202-33

F.B. 2858 PG. 140 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED M.E. OTT DATE

WEATHER HAZY INST. NO. N3 75234

TIME 2:30 to 3:10 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/27/61

76P526B CE # 308 8-59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
SURVEY BY A.C. CALIZADO
NOTES BY R.E. ORT DATE 5/14/61
INDEXED DATE NOTES CHKD DATE
WEATHER Hazy TIME 10:30 Temp 71 INST. NO. 75223
ROD NO. 3569 DATE 5/14/61
F.B. 2858 Pg. 141

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-31 TO TBM
BM 1-31													BM 1-31 (LA Co. FCD "BM 58-522
1	238	200	539	5	288 / 238	37	163	381	464	5	182 / 143	39	Rubio Wash SO E Broadway St
													FB 2858-21
2	212	131	513	5	224 / 199	25	126	713	427	5	139 / 113	26	
3	234	696	535	5	247 / 221	26	117	510	418	5	130 / 100	26	
TOTAL	685	027				88	407	604				91	
	407	604										58	
DIFF/ELEV	277	423										179	METERS
TBM													TBM (LA Co. F.C. "RW 58-204-1940)
1	165	130	466	5	168 / 162	6	154	462	455	5	157 / 151	6	San Gabriel & Rubio Wash
	154	462										6	SW cor. Brass Disc in abutment
DIFF/ELEV	10	668										12	
TBM													TBM (LA Co. FC "BM 58-523)
1	178	270	479	5	190 / 166	24	155	031	456	5	167 / 141	26	San Gabriel & Rubio Wash
													NW cor
2	236	357	537	5	259 / 213	46	030	497	331	5	53 / 7	46	Brass Disc in abutment
3	249	676	550	5	272 / 226	46	083	165	384	5	106 / 60	46	
4	245	432	546	5	268 / 222	46	065	980	366	5	88 / 42	46	NOTE: For description of 1-32 & 1-33 See FB 3707-109 W. Vega 11-9-63
5	232	673	533	5	255 / 209	46	089	692	390	5	117 / 66	46	
6	223	319	524	5	246 / 200	46	085	182	386	5	108 / 62	46	
7	210	622	511	5	232 / 187	45	082	649	383	5	105 / 59	46	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-31 TO ~~TBM~~ BM 10-1A
8	202	487	503	5	219 185	34	119	902	420	5	135 102	33	
TOTAL	1778	836				333	712	118				335	
	712	118										333	
												668	METERS
DIFF/ELEV	1066	718											
TBM													

10-1A
~~TBM~~ (LA CO RD MON), Eint
San Gabriel Blvd & HERMOSA D.

Stand. Disc set below surface in well, prot. by C.I. cover [illegible]

(Note: Corr. in red made after conferring with C.P.) [illegible]

F.B. 2858 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H.E. OIT DATE

WEATHER Hazy INST. NO. 75234

TIME 10:30 to 11:15 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/20/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM ~~TBM~~ BM 10-1A TO BM 1-31
TBM 1	114	365	415	5	131 / 97	34	197	401	498	5	214 / 180	34	~~TBM~~ 10-1A (LA Co. RD. MON) & int. San Gabriel Blvd & E Hermosa Dr
2	063	967	364	5	86 / 40	46	198	631	499	5	221 / 175	46	
3	091	448	392	5	114 / 68	46	219	369	520	5	242 / 196	46	
4	088	063	389	5	111 / 65	46	234	244	535	5	257 / 217	46	
	064	932	365	5	87 / 41	46	233	190	534	5	256 / 210	46	
6	067	665	368	5	90 / 44	46	245	200	546	5	268 / 222	46	
7	030	250	331	5	53 / 7	46	231	560	532	5	254 / 208	46	
8	143	954	444	5	154 / 132	22	171	831	472	5	182 / 160	22	
TOTAL	664	644				332	1731	426				332	
							664	644				332	
												664	METERS
DIFF/ELEV							1066	782					1-33
TBM 1	153	922	454	5	156 / 150	6	164	598	465	5	167 / 161	6	XBM (LA Co FCD # BM 58-523 San Gabriel Blvd & Rubio Wash NW Cor
							153	922				6	
DIFF/ELEV							10	676				12	1-33
TBM													XBM (LA Co. FCD # RW 58-201 1940 San Gabriel Blvd & Rubio Wash SW Cor

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

SURVEY BY A.C. GUIZADO DATE 8-4-61 WEATHER HAZY INST. NO. 95230

NOTES BY ACG DATE 8-4-61 TIME 1:45 to 2:30 ROD NO. 95890

INDEXED E OIT DATE NOTES CHKD [illegible] DATE 9/25/61

F.B. 2858 PG. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM XBM 10-1A TO BM 1-31
TBM													XBM (LACOFCD #RW58-201 1940
1	117	117	418	5	130 104	26	234	006	535	5	247 226	27	San Gabriel Blvd &
2	125	519	426	5	138 112	26	215	137	516	5	228 202	26	RUBIO WASH (SW COR)
3	177	632	478	5	195 159	36	199	290	500	5	219 179	40	
4	166	052	467	5	175 157	18	215	341	516	5	222 218	14	
	586	320				106	863	774				107	
TOTAL							586	320				106	
							277	454				213	METERS
DIFF/ELEV BM 1-31													BM 1-31 (LACO FCD #BM58-522 Rubio Wash & Broadway FB 2858-21

F.B. 2858 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H.E. OTT DATE

WEATHER HAZY INST. NO. N3 75234

TIME 1:45 to 2:30 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/25/61

76P5268 CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEYED BY A.C. GUIZADO WEATHER Hazy INST. NO. 23223
NOTES BY A.C.G. DATE 8-4-61 TIME 1115 To 1150 ROD NO. 2354
INDEXED R.E. ORR DATE NOTES CHKD B.K. DATE 8-24-61
F.B. 2858 Pg. 43

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM XBM 10-1A TO BM 10-2
XBM 10-1A									XBM (L.A.Co. Rd. Dept. Mon.) Cut
1	240	172	541	5 263 217 46	098	345	399	5 301 253 46	San Gabriel Blvd & Hermosa Dr.
2	190	692	491	5 213 167 46	080	562	381	5 103 57 46	
3	224	345	525	5 247 201 46	064	796	365	5 87 41 46	
4	226	525	527	5 249 203 46	090	630	391	5 113 67 46	I T RANGEL
	196	475	497	5 219 173 46	071	815	372	5 94 48 46	
6	197	281	498	5 220 176 46	092	630	393	5 115 69 46	
7	203	622	504	5 226 180 46	091	931	392	5 114 68 46	
8	211	266	512	5 234 188 46	099	214	400	5 122 76 46	
9	194	009	495	5 213 174 39 407	106	888	407	5 126 86 40 407 407 814	METERS
TOTAL	1884 796	387 811			796	811			
DIFF/ELEV BM 10-2	1087	576							BM 10-2 (LACo Rd. Dept Mon.) San Gabriel Blvd & Longden Ave FB L

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INST. NO. 2-24
ROD NO. 42569
DATE
NOTES CHKD
WEATHER
TIME 1105-1141

F.S. 5-7-46 Pg. 146 JOB NO.
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY NOTES 1946
INDEXED DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 10-2 TO XBM 10-1A
BM 10-2											BM 10-2 (L.A.Co. C.D. Mon)
1	104	730	405	5	124 84 40	193	285	491	5	213 173 40	San Gabriel Blvd & Huntington Dr
2	101	931	402		124 78 46	311	731	512	5	234 188 46	Dist 58
3	091	981	392		114 68 46	304	960	500	5	227 181 46	
4	095	522	396		118 72 46	330	833	501	5	253 197 46	
5	096	805	397		119 73 46	319	249	520	5	242 196 46	
6	084	661	385		107 61 46	226	175	527	5	249 203 46	
7	087	800	386		110 64 46	228	959	523	5	245 199 46	
8	081	889	382		106 60 46	217	271	518	5	240 195 45	
9	117	318	416		139 93 46	233	61	294	5	255 209 46	
					1008					1005	
TOTAL	862	588				1450	771				METERS
						862	506				
						1087	786				
DIFF ELEV XBM 10-1A											10-1A
											+BM 1 (LA CO R.D. MON & int)
											San Gabriel Blvd & Huntington Dr